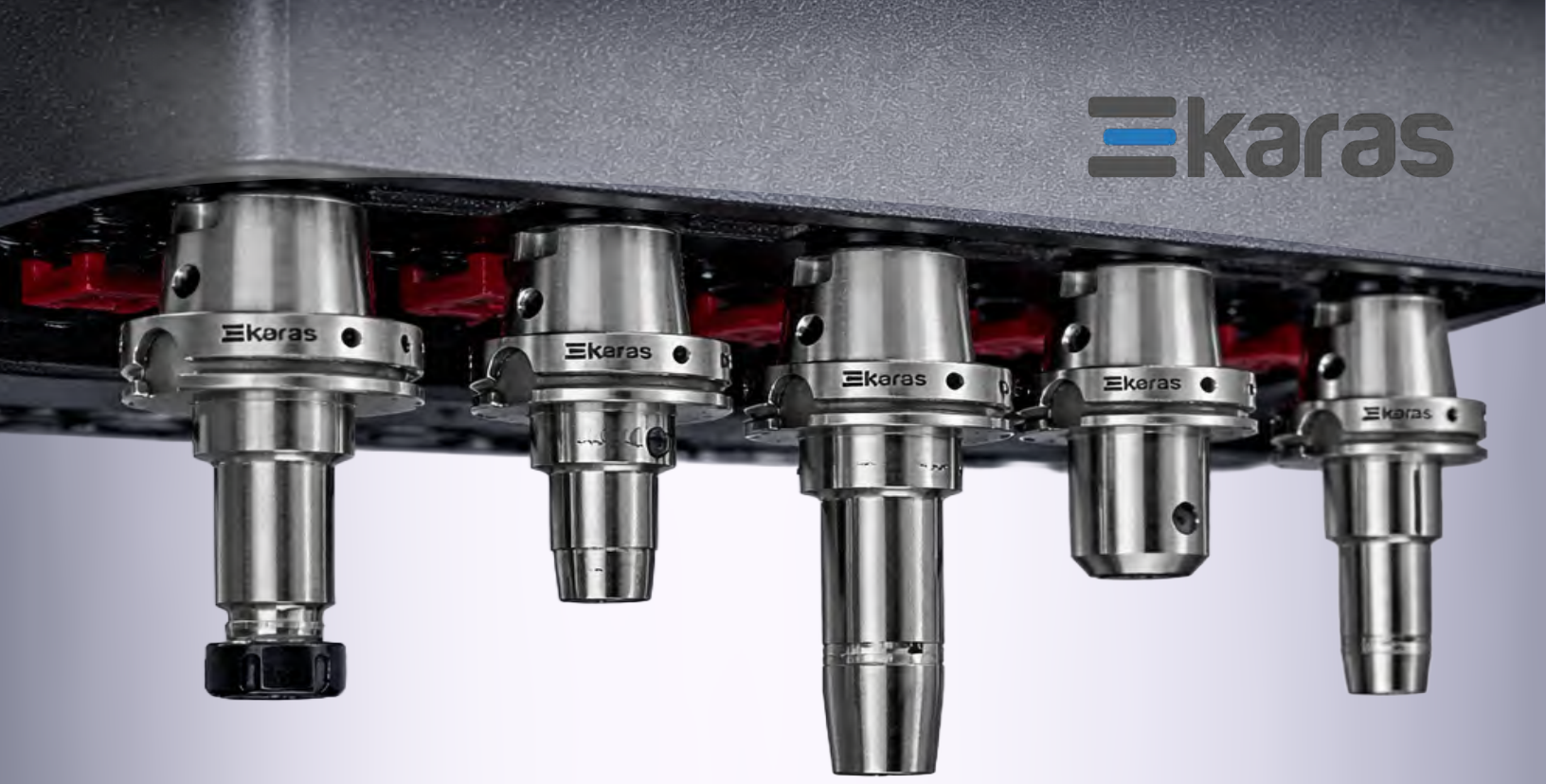



# TOOL HOLDERS

AHB
TOOLING & MACHINERY

## Complete Metalworking Solutions

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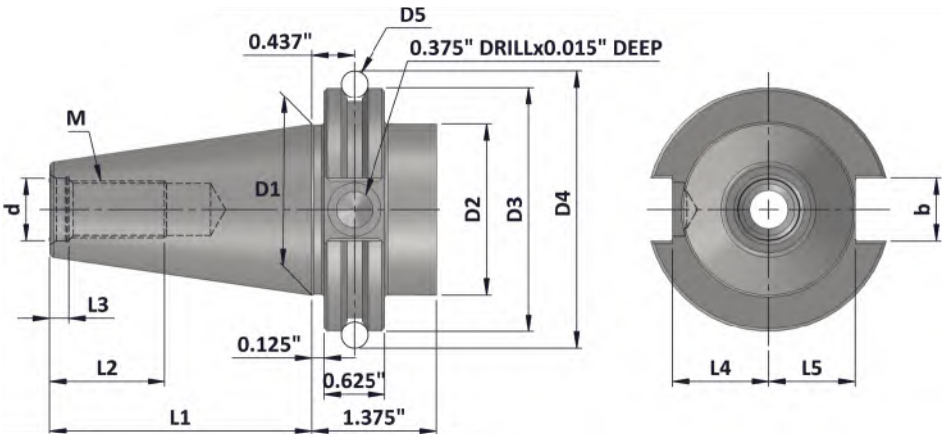

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| Application | Shrink Std | Shrink Slim 3° | Shrink Fit Anti-Vibration | Hydraulic Heavy Duty | Hydraulic Anti-Vibration | Die - Mold Chuck | Power Milling |
|---|---|---|---|---|---|---|---|
| Roughing | ✔✔ | ✔ | ✔✔ | ✔✔✔ | ✔✔ | ✔ | ✔✔✔ |
| Heavy Duty Roughing | ✔✔ | – | ✔✔ | ✔✔✔ | ✔✔ | – | ✔✔✔ |
| Finishing | ✔✔✔ | ✔✔✔ | ✔✔✔✔ | ✔✔ | ✔✔✔ | ✔✔✔ | ✔✔ |
| Drilling | ✔✔ | ✔ | ✔ | ✔✔ | ✔✔ | ✔ | ✔✔ |
| Tapping | – | – | – | – | – | – | – |
| Die Mold Deep Cavity | ✔ | ✔✔✔✔ | ✔✔✔ | – | ✔ | ✔✔✔✔ | – |
| High Speed Machining | ✔✔✔ | ✔✔✔✔ | ✔✔✔ | ✔ | ✔✔ | ✔✔✔✔ | ✔ |
| Vibration Damping | Low | Low | ✔✔✔✔ | Medium | ✔✔✔✔ | ✔✔✔ | Medium |
| Runout (in) | 0.0001" | 0.0001" | 0.0001" | 0.0001" | 0.0001" | 0.0001" | 0.0002" |

| Application | Weldon | ER Standard | Quick Change Tapping | Face Mill Holders | Side Lock Adap-tors | Min Length Comp Tapping |
|---|---|---|---|---|---|---|
| Roughing | ✔✔✔ | ✔ | – | ✔✔✔ | ✔✔✔ | – |
| Heavy Duty Roughing | ✔✔✔ | – | – | ✔✔✔ | ✔✔✔ | – |
| Finishing | – | ✔✔ | – | – | – | – |
| Drilling | ✔ | ✔✔✔ | – | – | – | – |
| Tapping | – | ✔ | ✔✔✔✔ | – | – | ✔✔✔✔ |
| Die Mold Deep Cavity | – | – | – | – | – | – |
| High Speed Machining | – | ✔ | – | – | – | – |
| Vibration Damping | Low | Low | n/a | Low | Low | n/a |
| Runout (in) | 0.0008"–0.0012" | 0.0004"–0.0008" | n/a | 0.0008" | 0.0008" | n/a |

Legend: ✔ = suitable, ✔✔ = good, ✔✔✔ = strong, ✔✔✔✔ = best-in-class, – = not typical.

*We also offer all types of Face Mill Holders, Hydraulic chucks with run-out adjustments, Morse Taper adapters, Master Calibrations bars and various styles of arbors.*




| CAT | d | D1 | D2 | D3 | D4 | D5 | b3 | M UNC 2B | L1 | L2 | L3 | L4 | L5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40 | 0.641” | 1.750” | 1.750” | 2.500” | 2.863” | 0.2813” | 0.645” | 5/8” - 11” | 2.687” | 1.12” | 0.188” | 0.985 | 0.890” |
| | | | | | | | | | | | | | |
| 50 | 1.031” | 2.750” | 2.750” | 3.875” | 4.238” | 0.2813” | 1.120” | 1” - 8” | 4.000” | 1.75” | 0.250” | 1.485 | 1.390” |

Material :- Case hardened steel, tensile strength in the core min. 950 N/mm2

Execution :- Case hardened to HRC 58 ± 2, Case Depth 0.8 mm., Silver finish.

Accuracy :- 7:24 Taper Angle Class AT 3 As per DIN 2080

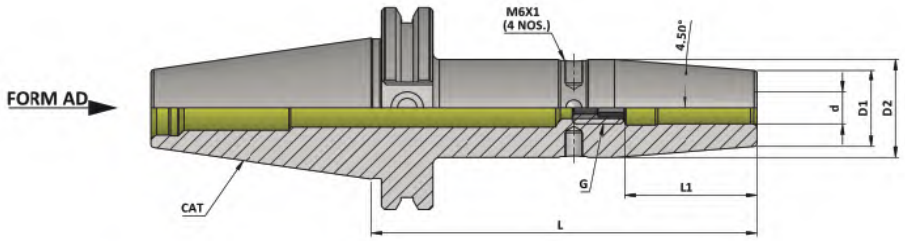


# CAT40 . ASME B5.50


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# CAT 40 (ANSI B 5.50) (AD)
# Shrink Fit Holder 4.5 Degree (SFH 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

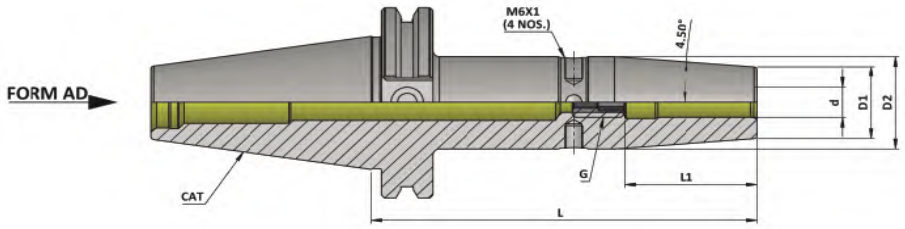



**METRIC**

| CAT 40 (ANSI B 5.50) (SFH 4.5° )(AD) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.C40.3m80.SFS.AD | CAT40 SFH03 080 AD/2.5G25000 SL | 3 | 10 | 20 | — | 80 | 12 |
| HK0.C40.3m120.SFS.AD | CAT40 SFH03 120 AD/2.5G25000 SL | 3 | 10 | 20 | — | 120 | 12 |
| HK0.C40.3m130.SFS.AD | CAT40 SFH03 130 AD/2.5G25000 SL | 3 | 10 | 20 | — | 130 | 12 |
| HK0.C40.3m160.SFS.AD | CAT40 SFH03 160 AD/2.5G25000 SL | 3 | 10 | 20 | — | 160 | 12 |
| HK0.C40.4m80.SFS.AD | CAT40 SFH04 080 AD/2.5G25000 SL | 4 | 15 | 22 | — | 80 | 14 |
| HK0.C40.4m120.SFS.AD | CAT40 SFH04 120 AD/2.5G25000 SL | 4 | 15 | 22 | — | 120 | 14 |
| HK0.C40.4m130.SFS.AD | CAT40 SFH04 130 AD/2.5G25000 SL | 4 | 15 | 22 | — | 130 | 14 |
| HK0.C40.4m160.SFS.AD | CAT40 SFH04 160 AD/2.5G25000 SL | 4 | 15 | 22 | — | 160 | 14 |
| HK0.C40.5m80.SFS.AD | CAT40 SFH05 080 AD/2.5G25000 SL | 5 | 15 | 22 | — | 80 | 15 |
| HK0.C40.5m120.SFS.AD | CAT40 SFH05 120 AD/2.5G25000 SL | 5 | 15 | 22 | — | 120 | 15 |
| HK0.C40.5m130.SFS.AD | CAT40 SFH05 130 AD/2.5G25000 SL | 5 | 15 | 22 | — | 130 | 15 |
| HK0.C40.5m160.SFS.AD | CAT40 SFH05 160 AD/2.5G25000 SL | 5 | 15 | 22 | — | 160 | 15 |
| HK0.C40.6m80.SFS.AD | CAT40 SFH06 080 AD/2.5G25000 SL | 6 | 21 | 27 | M5 | 80 | 36 |
| HK0.C40.6m120.SFS.AD | CAT40 SFH06 120 AD/2.5G25000 SL | 6 | 21 | 27 | M5 | 120 | 36 |
| HK0.C40.6m130.SFS.AD | CAT40 SFH06 130 AD/2.5G25000 SL | 6 | 21 | 27 | M5 | 130 | 36 |
| HK0.C40.6m160.SFS.AD | CAT40 SFH06 160 AD/2.5G25000 SL | 6 | 21 | 27 | M5 | 160 | 36 |
| HK0.C40.6m200.SFS.AD | CAT40 SFH06 200 AD/2.5G25000 SL | 6 | 21 | 27 | M5 | 200 | 36 |
| HK0.C40.8m80.SFS.AD | CAT40 SFH08 080 AD/2.5G25000 SL | 8 | 21 | 27 | M6 | 80 | 36 |
| HK0.C40.8m120.SFS.AD | CAT40 SFH08 120 AD/2.5G25000 SL | 8 | 21 | 27 | M6 | 120 | 36 |
| HK0.C40.8m130.SFS.AD | CAT40 SFH08 130 AD/2.5G25000 SL | 8 | 21 | 27 | M6 | 130 | 36 |
| HK0.C40.8m160.SFS.AD | CAT40 SFH08 160 AD/2.5G25000 SL | 8 | 21 | 27 | M6 | 160 | 36 |
| HK0.C40.8m200.SFS.AD | CAT40 SFH08 200 AD/2.5G25000 SL | 8 | 21 | 27 | M6 | 200 | 36 |
| HK0.C40.10m80.SFS.AD | CAT40 SFH10 080 AD/2.5G25000 SL | 10 | 24 | 31 | M8 | 80 | 41 |
| HK0.C40.10m120.SFS.AD | CAT40 SFH10 120 AD/2.5G25000 SL | 10 | 24 | 31 | M8 | 120 | 41 |
| HK0.C40.10m130.SFS.AD | CAT40 SFH10 130 AD/2.5G25000 SL | 10 | 24 | 31 | M8 | 130 | 41 |
| HK0.C40.10m160.SFS.AD | CAT40 SFH10 160 AD/2.5G25000 SL | 10 | 24 | 31 | M8 | 160 | 41 |
| HK0.C40.10m200.SFS.AD | CAT40 SFH10 200 AD/2.5G25000 SL | 10 | 24 | 31 | M8 | 200 | 41 |
| HK0.C40.12m80.SFS.AD | CAT40 SFH12 080 AD/2.5G25000 SL | 12 | 24 | 31 | M10 | 80 | 46 |
| HK0.C40.12m120.SFS.AD | CAT40 SFH12 120 AD/2.5G25000 SL | 12 | 24 | 31 | M10 | 120 | 46 |
| HK0.C40.12m130.SFS.AD | CAT40 SFH12 130 AD/2.5G25000 SL | 12 | 24 | 31 | M10 | 130 | 46 |
| HK0.C40.12m160.SFS.AD | CAT40 SFH12 160 AD/2.5G25000 SL | 12 | 24 | 31 | M10 | 160 | 46 |
| HK0.C40.12m200.SFS.AD | CAT40 SFH12 200 AD/2.5G25000 SL | 12 | 24 | 31 | M10 | 200 | 46 |
| HK0.C40.14m80.SFS.AD | CAT40 SFH14 080 AD/2.5G25000 SL | 14 | 27 | 34 | M10 | 80 | 46 |
| HK0.C40.14m120.SFS.AD | CAT40 SFH14 120 AD/2.5G25000 SL | 14 | 27 | 34 | M10 | 120 | 46 |
| HK0.C40.14m130.SFS.AD | CAT40 SFH14 130 AD/2.5G25000 SL | 14 | 27 | 34 | M10 | 130 | 46 |
| HK0.C40.14m160.SFS.AD | CAT40 SFH14 160 AD/2.5G25000 SL | 14 | 27 | 34 | M10 | 160 | 46 |
| HK0.C40.14m200.SFS.AD | CAT40 SFH14 200 AD/2.5G25000 SL | 14 | 27 | 34 | M10 | 200 | 46 |

# CAT 40 (ANSI B 5.50) (AD)
# Shrink Fit Holder 4.5 Degree (SFH 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

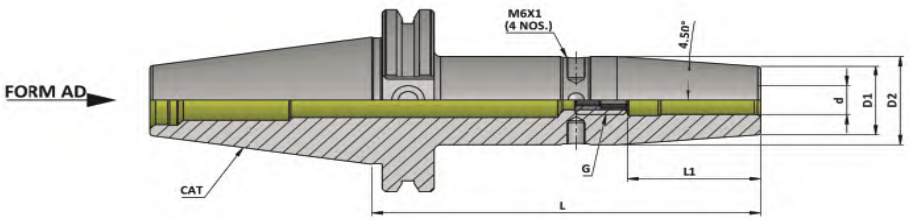



**METRIC**

| CAT 40 (ANSI B 5.50) (SFH 4.5$^0$ )(AD) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **PRODUCT CODE** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.C40.16m80.SFS.AD | CAT40 SFH16 080 AD/2.5G25000 SL | 16 | 27 | 34 | M12 | 80 | 49 |
| HK0.C40.16m120.SFS.AD | CAT40 SFH16 120 AD/2.5G25000 SL | 16 | 27 | 34 | M12 | 120 | 49 |
| HK0.C40.16m130.SFS.AD | CAT40 SFH16 130 AD/2.5G25000 SL | 16 | 27 | 34 | M12 | 130 | 49 |
| HK0.C40.16m160.SFS.AD | CAT40 SFH16 160 AD/2.5G25000 SL | 16 | 27 | 34 | M12 | 160 | 49 |
| HK0.C40.16m200.SFS.AD | CAT40 SFH16 200 AD/2.5G25000 SL | 16 | 27 | 34 | M12 | 200 | 49 |
| HK0.C40.18m80.SFS.AD | CAT40 SFH18 080 AD/2.5G25000 SL | 18 | 33 | 40 | M12 | 80 | 49 |
| HK0.C40.18m120.SFS.AD | CAT40 SFH18 120 AD/2.5G25000 SL | 18 | 33 | 40 | M12 | 120 | 49 |
| HK0.C40.18m130.SFS.AD | CAT40 SFH18 130 AD/2.5G25000 SL | 18 | 33 | 40 | M12 | 130 | 49 |
| HK0.C40.18m160.SFS.AD | CAT40 SFH18 160 AD/2.5G25000 SL | 18 | 33 | 40 | M12 | 160 | 49 |
| HK0.C40.18m200.SFS.AD | CAT40 SFH18 200 AD/2.5G25000 SL | 18 | 33 | 40 | M12 | 200 | 49 |
| HK0.C40.20m80.SFS.AD | CAT40 SFH20 080 AD/2.5G25000 SL | 20 | 33 | 40 | M16 | 80 | 51 |
| HK0.C40.20m120.SFS.AD | CAT40 SFH20 120 AD/2.5G25000 SL | 20 | 33 | 40 | M16 | 120 | 51 |
| HK0.C40.20m130.SFS.AD | CAT40 SFH20 130 AD/2.5G25000 SL | 20 | 33 | 40 | M16 | 130 | 51 |
| HK0.C40.20m160.SFS.AD | CAT40 SFH20 160 AD/2.5G25000 SL | 20 | 33 | 40 | M16 | 160 | 51 |
| HK0.C40.20m200.SFS.AD | CAT40 SFH20 200 AD/2.5G25000 SL | 20 | 33 | 40 | M16 | 200 | 51 |
| HK0.C40.25m100.SFS.AD | CAT40 SFH25 100 AD/2.5G25000 SL | 25 | 44 | 53 | M16 | 100 | 57 |
| HK0.C40.25m120.SFS.AD | CAT40 SFH25 120 AD/2.5G25000 SL | 25 | 44 | 53 | M16 | 120 | 57 |
| HK0.C40.25m130.SFS.AD | CAT40 SFH25 130 AD/2.5G25000 SL | 25 | 44 | 53 | M16 | 130 | 57 |
| HK0.C40.25m160.SFS.AD | CAT40 SFH25 160 AD/2.5G25000 SL | 25 | 44 | 53 | M16 | 160 | 57 |
| HK0.C40.25m200.SFS.AD | CAT40 SFH25 200 AD/2.5G25000 SL | 25 | 44 | 53 | M16 | 200 | 57 |
| HK0.C40.32m100.SFS.AD | CAT40 SFH32 100 AD/2.5G25000 SL | 32 | 44 | 53 | M16 | 100 | 61 |
| HK0.C40.32m120.SFS.AD | CAT40 SFH32 120 AD/2.5G25000 SL | 32 | 44 | 53 | M16 | 120 | 61 |
| HK0.C40.32m130.SFS.AD | CAT40 SFH32 130 AD/2.5G25000 SL | 32 | 44 | 53 | M16 | 130 | 61 |
| HK0.C40.32m160.SFS.AD | CAT40 SFH32 160 AD/2.5G25000 SL | 32 | 44 | 53 | M16 | 160 | 61 |
| HK0.C40.32m200.SFS.AD | CAT40 SFH32 200 AD/2.5G25000 SL | 32 | 44 | 53 | M16 | 200 | 61 |

# CAT 40 (ANSI B 5.50) (AD)
# Shrink Fit Holder 4.5 Degree (SFH 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

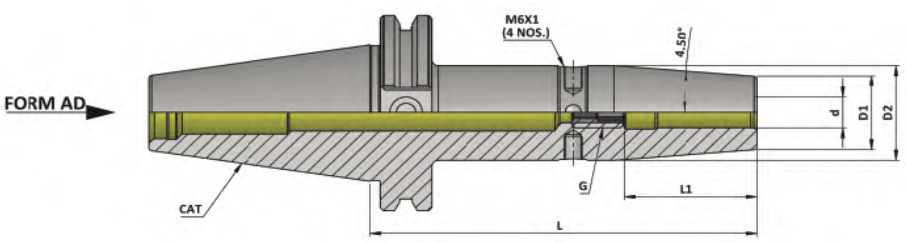



**INCH**

| CAT 40 (ANSI B 5.50) (SFH 4.5$^0$ )(AD) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.C40.1/8z315.SFS.AD | CAT40 SFH1/8'' 3.15'' AD/ 2.5G 25000 SL | 1/8" | 0.394" | 0.787" | — | 3.15" | 0.472" |
| HK0.C40.1/8z472.SFS.AD | CAT40 SFH1/8'' 4.72'' AD/ 2.5G 25000 SL | 1/8" | 0.394" | 0.787" | — | 4.72" | 0.472" |
| HK0.C40.1/8z512.SFS.AD | CAT40 SFH1/8'' 5.12'' AD/ 2.5G 25000 SL | 1/8" | 0.394" | 0.787" | — | 5.12" | 0.472" |
| HK0.C40.1/8z630.SFS.AD | CAT40 SFH1/8'' 6.30'' AD/ 2.5G 25000 SL | 1/8" | 0.394" | 0.787" | — | 6.30" | 0.472" |
| HK0.C40.3/16z315.SFS.AD | CAT40 SFH3/16'' 3.15'' AD/ 2.5G 25000 SL | 3/16" | 0.591" | 0.866" | — | 3.15" | 0.551" |
| HK0.C40.3/16z472.SFS.AD | CAT40 SFH3/16'' 4.72'' AD/ 2.5G 25000 SL | 3/16" | 0.591" | 0.866" | — | 4.72" | 0.551" |
| HK0.C40.3/16z512.SFS.AD | CAT40 SFH3/16'' 5.12'' AD/ 2.5G 25000 SL | 3/16" | 0.591" | 0.866" | — | 5.12" | 0.551" |
| HK0.C40.3/16z630.SFS.AD | CAT40 SFH3/16'' 6.30'' AD/ 2.5G 25000 SL | 3/16" | 0.591" | 0.866" | — | 6.30" | 0.551" |
| HK0.C40.1/4z315.SFS.AD | CAT40 SFH1/4'' 3.15'' AD/ 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 3.15" | 1.417" |
| HK0.C40.1/4z472.SFS.AD | CAT40 SFH1/4'' 4.72'' AD/ 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 4.72" | 1.417" |
| HK0.C40.1/4z512.SFS.AD | CAT40 SFH1/4'' 5.12'' AD/ 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 5.12" | 1.417" |
| HK0.C40.1/4z630.SFS.AD | CAT40 SFH1/4'' 6.30'' AD/ 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 6.30" | 1.417" |
| HK0.C40.1/4z787.SFS.AD | CAT40 SFH1/4'' 7.87'' AD/ 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 7.87" | 1.417" |
| HK0.C40.5/16z315.SFS.AD | CAT40 SFH5/16'' 3.15'' AD/ 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 3.15" | 1.417" |
| HK0.C40.5/16z472.SFS.AD | CAT40 SFH5/16'' 4.72'' AD/ 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 4.72" | 1.417" |
| HK0.C40.5/16z512.SFS.AD | CAT40 SFH5/16'' 5.12'' AD/ 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 5.12" | 1.417" |
| HK0.C40.5/16z630.SFS.AD | CAT40 SFH5/16'' 6.30'' AD/ 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 6.30" | 1.417" |
| HK0.C40.5/16z787.SFS.AD | CAT40 SFH5/16'' 7.87'' AD/ 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 7.87" | 1.417" |
| HK0.C40.3/8z315.SFS.AD | CAT40 SFH3/8'' 3.15'' AD/ 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 3.15" | 1.614" |
| HK0.C40.3/8z472.SFS.AD | CAT40 SFH3/8'' 4.72'' AD/ 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 4.72" | 1.614" |
| HK0.C40.3/8z512.SFS.AD | CAT40 SFH3/8'' 5.12'' AD/ 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 5.12" | 1.614" |
| HK0.C40.3/8z630.SFS.AD | CAT40 SFH3/8'' 6.30'' AD/ 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 6.30" | 1.614" |
| HK0.C40.3/8z787.SFS.AD | CAT40 SFH3/8'' 7.87'' AD/ 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 7.87" | 1.614" |
| HK0.C40.7/16z315.SFS.AD | CAT40 SFH7/16'' 3.15'' AD/ 2.5G 25000 SL | 7/16" | 0.945" | 1.22" | M10 | 3.15" | 1.811" |
| HK0.C40.7/16z472.SFS.AD | CAT40 SFH7/16'' 4.72'' AD/ 2.5G 25000 SL | 7/16" | 0.945" | 1.22" | M10 | 4.72" | 1.811" |
| HK0.C40.7/16z512.SFS.AD | CAT40 SFH7/16'' 5.12'' AD/ 2.5G 25000 SL | 7/16" | 0.945" | 1.22" | M10 | 5.12" | 1.811" |
| HK0.C40.7/16z630.SFS.AD | CAT40 SFH7/16'' 6.30'' AD/ 2.5G 25000 SL | 7/16" | 0.945" | 1.22" | M10 | 6.30" | 1.811" |
| HK0.C40.7/16z787.SFS.AD | CAT40 SFH7/16'' 7.87'' AD/ 2.5G 25000 SL | 7/16" | 0.945" | 1.22" | M10 | 7.87" | 1.811" |
| HK0.C40.1/2z315.SFS.AD | CAT40 SFH1/2'' 3.15'' AD/ 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 3.15" | 1.811" |
| HK0.C40.1/2z472.SFS.AD | CAT40 SFH1/2'' 4.72'' AD/ 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 4.72" | 1.811" |
| HK0.C40.1/2z512.SFS.AD | CAT40 SFH1/2'' 5.12'' AD/ 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 5.12" | 1.811" |
| HK0.C40.1/2z630.SFS.AD | CAT40 SFH1/2'' 6.30'' AD/ 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 6.30" | 1.811" |
| HK0.C40.1/2z787.SFS.AD | CAT40 SFH1/2'' 7.87'' AD/ 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 7.87" | 1.811" |

# CAT 40 (ANSI B 5.50) (AD)
# Shrink Fit Holder 4.5 Degree (SFH 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

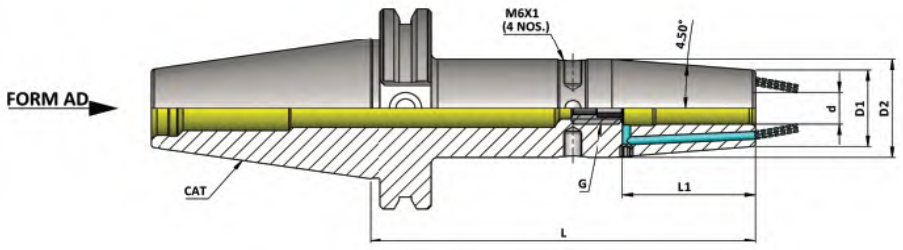



**INCH**

| CAT 40 (ANSI B 5.50) (SFH 4.5$^0$ )(AD) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.C40.5/8z315.SFS.AD | CAT40 SFH5/8'' 3.15'' AD/ 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 3.15" | 1.929" |
| HK0.C40.5/8z472.SFS.AD | CAT40 SFH5/8'' 4.72'' AD/ 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 4.72" | 1.929" |
| HK0.C40.5/8z512.SFS.AD | CAT40 SFH5/8'' 5.12'' AD/ 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 5.12" | 1.929" |
| HK0.C40.5/8z630.SFS.AD | CAT40 SFH5/8'' 6.30'' AD/ 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 6.30" | 1.929" |
| HK0.C40.5/8z787.SFS.AD | CAT40 SFH5/8'' 7.87'' AD/ 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 7.87" | 1.929" |
| HK0.C40.3/4z315.SFS.AD | CAT40 SFH3/4'' 3.15'' AD/ 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 3.15" | 2.008" |
| HK0.C40.3/4z472.SFS.AD | CAT40 SFH3/4'' 4.72'' AD/ 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 4.72" | 2.008" |
| HK0.C40.3/4z512.SFS.AD | CAT40 SFH3/4'' 5.12'' AD/ 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 5.12" | 2.008" |
| HK0.C40.3/4z630.SFS.AD | CAT40 SFH3/4'' 6.30'' AD/ 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 6.30" | 2.008" |
| HK0.C40.3/4z787.SFS.AD | CAT40 SFH3/4'' 7.87'' AD/ 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 7.87" | 2.008" |
| HK0.C40.1z394.SFS.AD | CAT40 SFH1.0'' 3.94'' AD/ 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 3.94" | 2.244" |
| HK0.C40.1z472.SFS.AD | CAT40 SFH1.0'' 4.72'' AD/ 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 4.72" | 2.244" |
| HK0.C40.1z512.SFS.AD | CAT40 SFH1.0'' 5.12'' AD/ 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 5.12" | 2.244" |
| HK0.C40.1z630.SFS.AD | CAT40 SFH1.0'' 6.30'' AD/ 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 6.30" | 2.244" |
| HK0.C40.1z787.SFS.AD | CAT40 SFH1.0'' 7.87'' AD/ 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 7.87" | 2.244" |
| HK0.C40.11/4z394.SFS.AD | CAT40SFH1-1/4''3.94''AD/2.5G25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 3.94" | 2.402" |
| HK0.C40.11/4z472.SFS.AD | CAT40SFH1-1/4''4.72''AD/2.5G25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 4.72" | 2.402" |
| HK0.C40.11/4z512.SFS.AD | CAT40SFH1-1/4''5.12''AD/2.5G25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 5.12" | 2.402" |
| HK0.C40.11/4z630.SFS.AD | CAT40SFH1-1/4''6.30''AD/2.5G25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 6.30" | 2.402" |
| HK0.C40.11/4z787.SFS.AD | CAT40SFH1-1/4''7.87''AD/2.5G25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 7.87" | 2.402" |

# CAT 40 (ANSI B 5.50) (AD) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

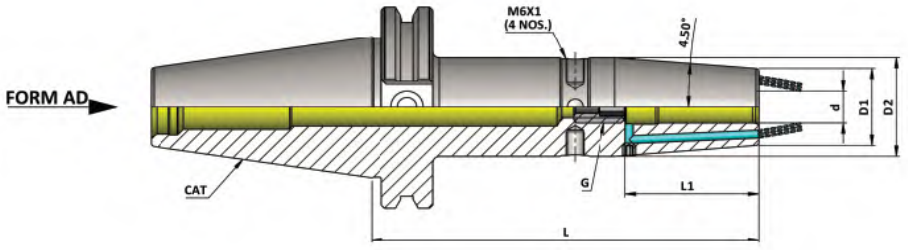



**METRIC**

| CAT 40 (ANSI B 5.50) (SFH FCC 4.5°) (AD) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.C40.3m80.SFF.AD | CAT40SFH03080FCCAD/2.5G25000SL | 3 | 10 | 20 | — | 80 | 12 |
| HK0.C40.3m120.SFF.AD | CAT40SFH03120FCCAD/2.5G25000SL | 3 | 10 | 20 | — | 120 | 12 |
| HK0.C40.3m130.SFF.AD | CAT40SFH03130FCCAD/2.5G25000SL | 3 | 10 | 20 | — | 130 | 12 |
| HK0.C40.3m160.SFF.AD | CAT40SFH03160FCCAD/2.5G25000SL | 3 | 10 | 20 | — | 160 | 12 |
| HK0.C40.4m80.SFF.AD | CAT40SFH04080FCCAD/2.5G25000SL | 4 | 15 | 22 | — | 80 | 14 |
| HK0.C40.4m120.SFF.AD | CAT40SFH04120FCCAD/2.5G25000SL | 4 | 15 | 22 | — | 120 | 14 |
| HK0.C40.4m130.SFF.AD | CAT40SFH04130FCCAD/2.5G25000SL | 4 | 15 | 22 | — | 130 | 14 |
| HK0.C40.4m160.SFF.AD | CAT40SFH04160FCCAD/2.5G25000SL | 4 | 15 | 22 | — | 160 | 14 |
| HK0.C40.5m80.SFF.AD | CAT40SFH05080FCCAD/2.5G25000SL | 5 | 15 | 22 | — | 80 | 15 |
| HK0.C40.5m120.SFF.AD | CAT40SFH05120FCCAD/2.5G25000SL | 5 | 15 | 22 | — | 120 | 15 |
| HK0.C40.5m130.SFF.AD | CAT40SFH05130FCCAD/2.5G25000SL | 5 | 15 | 22 | — | 130 | 15 |
| HK0.C40.5m160.SFF.AD | CAT40SFH05160FCCAD/2.5G25000SL | 5 | 15 | 22 | — | 160 | 15 |
| HK0.C40.6m80.SFF.AD | CAT40SFH06080FCCAD/2.5G25000SL | 6 | 21 | 27 | M5 | 80 | 36 |
| HK0.C40.6m120.SFF.AD | CAT40SFH06120FCCAD/2.5G25000SL | 6 | 21 | 27 | M5 | 120 | 36 |
| HK0.C40.6m130.SFF.AD | CAT40SFH06130FCCAD/2.5G25000SL | 6 | 21 | 27 | M5 | 130 | 36 |
| HK0.C40.6m160.SFF.AD | CAT40SFH06160FCCAD/2.5G25000SL | 6 | 21 | 27 | M5 | 160 | 36 |
| HK0.C40.8m80.SFF.AD | CAT40SFH08080FCCAD/2.5G25000SL | 8 | 21 | 27 | M6 | 80 | 36 |
| HK0.C40.8m120.SFF.AD | CAT40SFH08120FCCAD/2.5G25000SL | 8 | 21 | 27 | M6 | 120 | 36 |
| HK0.C40.8m130.SFF.AD | CAT40SFH08130FCCAD/2.5G25000SL | 8 | 21 | 27 | M6 | 130 | 36 |
| HK0.C40.8m160.SFF.AD | CAT40SFH08160FCCAD/2.5G25000SL | 8 | 21 | 27 | M6 | 160 | 36 |
| HK0.C40.10m80.SFF.AD | CAT40SFH10080FCCAD/2.5G25000SL | 10 | 24 | 31 | M8 | 80 | 41 |
| HK0.C40.10m120.SFF.AD | CAT40SFH10120FCCAD/2.5G25000SL | 10 | 24 | 31 | M8 | 120 | 41 |
| HK0.C40.10m130.SFF.AD | CAT40SFH10130FCCAD/2.5G25000SL | 10 | 24 | 31 | M8 | 130 | 41 |
| HK0.C40.10m160.SFF.AD | CAT40SFH10160FCCAD/2.5G25000SL | 10 | 24 | 31 | M8 | 160 | 41 |
| HK0.C40.12m80.SFF.AD | CAT40SFH12080FCCAD/2.5G25000SL | 12 | 24 | 31 | M10 | 80 | 46 |
| HK0.C40.12m120.SFF.AD | CAT40SFH12120FCCAD/2.5G25000SL | 12 | 24 | 31 | M10 | 120 | 46 |
| HK0.C40.12m130.SFF.AD | CAT40SFH12130FCCAD/2.5G25000SL | 12 | 24 | 31 | M10 | 130 | 46 |
| HK0.C40.12m160.SFF.AD | CAT40SFH12160FCCAD/2.5G25000SL | 12 | 24 | 31 | M10 | 160 | 46 |
| HK0.C40.14m80.SFF.AD | CAT40SFH14080FCCAD/2.5G25000SL | 14 | 27 | 34 | M10 | 80 | 46 |
| HK0.C40.14m120.SFF.AD | CAT40SFH14120FCCAD/2.5G25000SL | 14 | 27 | 34 | M10 | 120 | 46 |
| HK0.C40.14m130.SFF.AD | CAT40SFH14130FCCAD/2.5G25000SL | 14 | 27 | 34 | M10 | 130 | 46 |
| HK0.C40.14m160.SFF.AD | CAT40SFH14160FCCAD/2.5G25000SL | 14 | 27 | 34 | M10 | 160 | 46 |

# CAT 40 (ANSI B 5.50) (AD) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

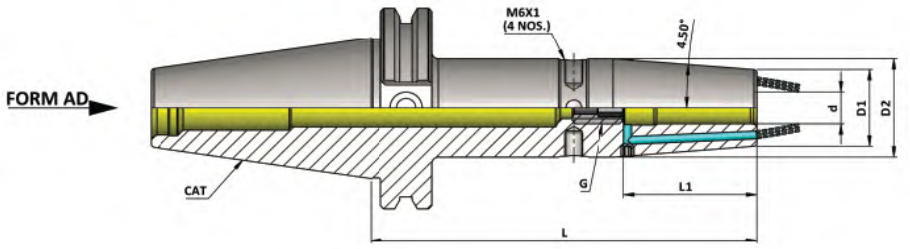



**METRIC**

| CAT 40 (ANSI B 5.50) (SFH FCC 4.5°) (AD) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.C40.16m80.SFF.AD | CAT40 SFH16 080 FCC AD/ 2.5G 25000SL | 16 | 27 | 34 | M12 | 80 | 49 |
| HK0.C40.16m120.SFF.AD | CAT40 SFH16 120 FCC AD/ 2.5G 25000SL | 16 | 27 | 34 | M12 | 120 | 49 |
| HK0.C40.16m130.SFF.AD | CAT40 SFH16 130 FCC AD/ 2.5G 25000SL | 16 | 27 | 34 | M12 | 130 | 49 |
| HK0.C40.16m160.SFF.AD | CAT40 SFH16 160 FCC AD/ 2.5G 25000SL | 16 | 27 | 34 | M12 | 160 | 49 |
| HK0.C40.18m80.SFF.AD | CAT40 SFH18 080 FCC AD/ 2.5G 25000SL | 18 | 33 | 40 | M12 | 80 | 49 |
| HK0.C40.18m120.SFF.AD | CAT40 SFH18 120 FCC AD/ 2.5G 25000SL | 18 | 33 | 40 | M12 | 120 | 49 |
| HK0.C40.18m130.SFF.AD | CAT40 SFH18 130 FCC AD/ 2.5G 25000SL | 18 | 33 | 40 | M12 | 130 | 49 |
| HK0.C40.18m160.SFF.AD | CAT40 SFH18 160 FCC AD/ 2.5G 25000SL | 18 | 33 | 40 | M12 | 160 | 49 |
| HK0.C40.20m80.SFF.AD | CAT40 SFH20 080 FCC AD/ 2.5G 25000SL | 20 | 33 | 40 | M16 | 80 | 51 |
| HK0.C40.20m120.SFF.AD | CAT40 SFH20 120 FCC AD/ 2.5G 25000SL | 20 | 33 | 40 | M16 | 120 | 51 |
| HK0.C40.20m130.SFF.AD | CAT40 SFH20 130 FCC AD/ 2.5G 25000SL | 20 | 33 | 40 | M16 | 130 | 51 |
| HK0.C40.20m160.SFF.AD | CAT40 SFH20 160 FCC AD/ 2.5G 25000SL | 20 | 33 | 40 | M16 | 160 | 51 |
| HK0.C40.25m100.SFF.AD | CAT40 SFH25 100 FCC AD/ 2.5G 25000SL | 25 | 44 | 53 | M16 | 100 | 57 |
| HK0.C40.25m120.SFF.AD | CAT40 SFH25 120 FCC AD/ 2.5G 25000SL | 25 | 44 | 53 | M16 | 120 | 57 |
| HK0.C40.25m130.SFF.AD | CAT40 SFH25 130 FCC AD/ 2.5G 25000SL | 25 | 44 | 53 | M16 | 130 | 57 |
| HK0.C40.25m160.SFF.AD | CAT40 SFH25 160 FCC AD/ 2.5G 25000SL | 25 | 44 | 53 | M16 | 160 | 57 |
| HK0.C40.32m100.SFF.AD | CAT40 SFH32 100 FCC AD/ 2.5G 25000SL | 32 | 44 | 53 | M16 | 100 | 61 |
| HK0.C40.32m120.SFF.AD | CAT40 SFH32 120 FCC AD/ 2.5G 25000SL | 32 | 44 | 53 | M16 | 120 | 61 |
| HK0.C40.32m130.SFF.AD | CAT40 SFH32 130 FCC AD/ 2.5G 25000SL | 32 | 44 | 53 | M16 | 130 | 61 |
| HK0.C40.32m160.SFF.AD | CAT40 SFH32 160 FCC AD/ 2.5G 25000SL | 32 | 44 | 53 | M16 | 160 | 61 |

# CAT 40 (ANSI B 5.50) (AD) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

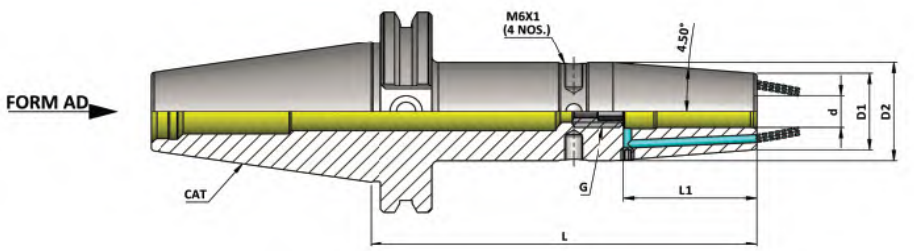



**INCH**

| CAT 40 (ANSI B 5.50) (SFH FCC 4.5°) (AD) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.C40.1/8z315.SFF.AD | CAT40 SFH1/8'' 3.15'' FCC AD/ 2.5G 25000SL | 1/8" | 0.394" | 0.787" | — | 3.15" | 0.472" |
| HK0.C40.1/8z472.SFF.AD | CAT40 SFH1/8'' 4.72'' FCC AD/ 2.5G 25000SL | 1/8" | 0.394" | 0.787" | — | 4.72" | 0.472" |
| HK0.C40.1/8z512.SFF.AD | CAT40 SFH1/8'' 5.12'' FCC AD/ 2.5G 25000SL | 1/8" | 0.394" | 0.787" | — | 5.12" | 0.472" |
| HK0.C40.1/8z630.SFF.AD | CAT40 SFH1/8'' 6.30'' FCC AD/ 2.5G 25000SL | 1/8" | 0.394" | 0.787" | — | 6.30" | 0.472" |
| HK0.C40.3/16z315.SFF.AD | CAT40 SFH3/16'' 3.15'' FCC AD/ 2.5G 25000SL | 3/16" | 0.591" | 0.866" | — | 3.15" | 0.551" |
| HK0.C40.3/16z472.SFF.AD | CAT40 SFH3/16'' 4.72'' FCC AD/ 2.5G 25000SL | 3/16" | 0.591" | 0.866" | — | 4.72" | 0.551" |
| HK0.C40.3/16z512.SFF.AD | CAT40 SFH3/16'' 5.12'' FCC AD/ 2.5G 25000SL | 3/16" | 0.591" | 0.866" | — | 5.12" | 0.551" |
| HK0.C40.3/16z630.SFF.AD | CAT40 SFH3/16'' 6.30 FCC AD/ 2.5G 25000SL | 3/16" | 0.591" | 0.866" | — | 6.30" | 0.551" |
| HK0.C40.1/4z315.SFF.AD | CAT40 SFH1/4'' 3.15'' FCC AD/ 2.5G 25000SL | 1/4" | 0.827" | 1.063" | M5 | 3.15" | 1.417" |
| HK0.C40.1/4z472.SFF.AD | CAT40 SFH1/4'' 4.72'' FCC AD/ 2.5G 25000SL | 1/4" | 0.827" | 1.063" | M5 | 4.72" | 1.417" |
| HK0.C40.1/4z512.SFF.AD | CAT40 SFH1/4'' 5.12'' FCC AD/ 2.5G 25000SL | 1/4" | 0.827" | 1.063" | M5 | 5.12" | 1.417" |
| HK0.C40.1/4z630.SFF.AD | CAT40 SFH1/4'' 6.30'' FCC AD/ 2.5G 25000SL | 1/4" | 0.827" | 1.063" | M5 | 6.30" | 1.417" |
| HK0.C40.5/16z315.SFF.AD | CAT40 SFH5/16'' 3.15'' FCC AD/ 2.5G 25000SL | 5/16" | 0.827" | 1.063" | M6 | 3.15" | 1.417" |
| HK0.C40.5/16z472.SFF.AD | CAT40 SFH5/16'' 4.72'' FCC AD/ 2.5G 25000SL | 5/16" | 0.827" | 1.063" | M6 | 4.72" | 1.417" |
| HK0.C40.5/16z512.SFF.AD | CAT40 SFH5/16'' 5.12'' FCC AD/ 2.5G 25000SL | 5/16" | 0.827" | 1.063" | M6 | 5.12" | 1.417" |
| HK0.C40.5/16z630.SFF.AD | CAT40 SFH5/16'' 6.30 FCC AD/ 2.5G 25000SL | 5/16" | 0.827" | 1.063" | M6 | 6.30" | 1.417" |
| HK0.C40.3/8z315.SFF.AD | CAT40 SFH3/8'' 3.15'' FCC AD/ 2.5G 25000SL | 3/8" | 0.945" | 1.22" | M8 | 3.15" | 1.614" |
| HK0.C40.3/8z472.SFF.AD | CAT40 SFH3/8'' 4.72'' FCC AD/ 2.5G 25000SL | 3/8" | 0.945" | 1.22" | M8 | 4.72" | 1.614" |
| HK0.C40.3/8z512.SFF.AD | CAT40 SFH3/8'' 5.12'' FCC AD/ 2.5G 25000SL | 3/8" | 0.945" | 1.22" | M8 | 5.12" | 1.614" |
| HK0.C40.3/8z630.SFF.AD | CAT40 SFH3/8'' 6.30'' FCC AD/ 2.5G 25000SL | 3/8" | 0.945" | 1.22" | M8 | 6.30" | 1.614" |
| HK0.C40.7/16z315.SFF.AD | CAT40 SFH7/16'' 3.15 FCC AD/ 2.5G 25000SL | 7/16" | 0.945" | 1.22" | M10 | 3.15" | 1.811" |
| HK0.C40.7/16z472.SFF.AD | CAT40 SFH7/16'' 4.72'' FCC AD/ 2.5G 25000SL | 7/16" | 0.945" | 1.22" | M10 | 4.72" | 1.811" |
| HK0.C40.7/16z512.SFF.AD | CAT40 SFH7/16'' 5.12'' FCC AD/ 2.5G 25000SL | 7/16" | 0.945" | 1.22" | M10 | 5.12" | 1.811" |
| HK0.C40.7/16z630.SFF.AD | CAT40 SFH7/16'' 6.30 FCC AD/ 2.5G 25000SL | 7/16" | 0.945" | 1.22" | M10 | 6.30" | 1.811" |
| HK0.C40.1/2z315.SFF.AD | CAT40 SFH1/2'' 3.15'' FCC AD/ 2.5G 25000SL | 1/2" | 0.945" | 1.22" | M10 | 3.15" | 1.811" |
| HK0.C40.1/2z472.SFF.AD | CAT40 SFH1/2'' 4.72'' FCC AD/ 2.5G 25000SL | 1/2" | 0.945" | 1.22" | M10 | 4.72" | 1.811" |
| HK0.C40.1/2z512.SFF.AD | CAT40 SFH1/2'' 5.12'' FCC AD/ 2.5G 25000SL | 1/2" | 0.945" | 1.22" | M10 | 5.12" | 1.811" |
| HK0.C40.1/2z630.SFF.AD | CAT40 SFH1/2'' 6.30'' FCC AD/ 2.5G 25000SL | 1/2" | 0.945" | 1.22" | M10 | 6.30" | 1.811" |
| HK0.C40.5/8z315.SFF.AD | CAT40 SFH5/8'' 3.15'' FCC AD/ 2.5G 25000SL | 5/8" | 1.063" | 1.339" | M12 | 3.15" | 1.929" |
| HK0.C40.5/8z472.SFF.AD | CAT40 SFH5/8'' 4.72'' FCC AD/ 2.5G 25000SL | 5/8" | 1.063" | 1.339" | M12 | 4.72" | 1.929" |
| HK0.C40.5/8z512.SFF.AD | CAT40 SFH5/8'' 5.12 FCC AD/ 2.5G 25000SL | 5/8" | 1.063" | 1.339" | M12 | 5.12" | 1.929" |
| HK0.C40.5/8z630.SFF.AD | CAT40 SFH5/8'' 6.30 FCC AD/ 2.5G 25000SL | 5/8" | 1.063" | 1.339" | M12 | 6.30" | 1.929" |

# CAT 40 (ANSI B 5.50) (AD) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

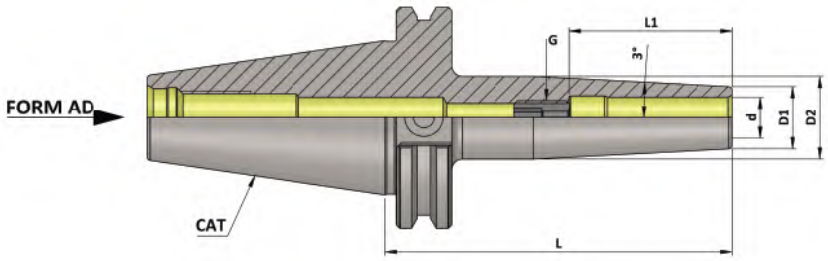



**INCH**

| CAT 40 (ANSI B 5.50) (SFH FCC 4.5°) (AD) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.C40.3/4z315.SFF.AD | CAT40 SFH3/4'' 3.15'' FCC AD/ 2.5G 25000SL | 3/4" | 1.299" | 1.575" | M16 | 3.15" | 2.008" |
| HK0.C40.3/4z472.SFF.AD | CAT40 SFH3/4'' 4.72'' FCC AD/ 2.5G 25000SL | 3/4" | 1.299" | 1.575" | M16 | 4.72" | 2.008" |
| HK0.C40.3/4z512.SFF.AD | CAT40 SFH3/4'' 5.12'' FCC AD/ 2.5G 25000SL | 3/4" | 1.299" | 1.575" | M16 | 5.12" | 2.008" |
| HK0.C40.3/4z630.SFF.AD | CAT40 SFH3/4'' 6.30'' FCC AD/ 2.5G 25000SL | 3/4" | 1.299" | 1.575" | M16 | 6.30" | 2.008" |
| HK0.C40.1z394.SFF.AD | CAT40 SFH1.0'' 3.94'' FCC AD/ 2.5G 25000SL | 1.0" | 1.732" | 2.087" | M16 | 3.94" | 2.244" |
| HK0.C40.1z472.SFF.AD | CAT40 SFH1.0'' 4.72'' FCC AD/ 2.5G 25000SL | 1.0" | 1.732" | 2.087" | M16 | 4.72" | 2.244" |
| HK0.C40.1z512.SFF.AD | CAT40 SFH1.0'' 5.12'' FCC AD/ 2.5G 25000SL | 1.0" | 1.732" | 2.087" | M16 | 5.12" | 2.244" |
| HK0.C40.1z630.SFF.AD | CAT40 SFH1.0'' 6.30'' FCC AD/ 2.5G 25000SL | 1.0" | 1.732" | 2.087" | M16 | 6.30" | 2.244" |
| HK0.C40.11/4z394.SFF.AD | CAT40SFH1-1/4''3.94''FCCAD/2.5G25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 3.94" | 2.402" |
| HK0.C40.11/4z472.SFF.AD | CAT40SFH1-1/4''4.72''FCCAD/2.5G25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 4.72" | 2.402" |
| HK0.C40.11/4z512.SFF.AD | CAT40 SFH1-1/4'' 5.12 FCC AD/ 2.5G 25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 5.12" | 2.402" |
| HK0.C40.11/4z630.SFF.AD | CAT40 SFH1-1/4'' 6.30 FCC AD/ 2.5G 25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 6.30" | 2.402" |

# CAT 40 (ANSI B 5.50) (AD)
# Shrink Fit Holder Slim 3 Degree (SFH Slim 3°)

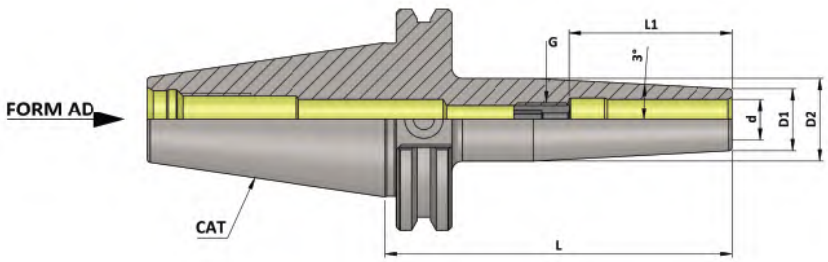
Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

| CAT 40 (ANSI B 5.50) (SFH SLIM 3°) (AD) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.C40.3m80.SF3.AD | CAT40 SFH03 080 SLIM AD/2.5G25000 SL | 3 | 9 | 14 | — | 80 | 12 |
| HK0.C40.3m120.SF3.AD | CAT40 SFH03 120 SLIM AD/2.5G25000 SL | 3 | 9 | 18 | — | 120 | 12 |
| HK0.C40.3m130.SF3.AD | CAT40 SFH03 130 SLIM AD/2.5G25000 SL | 3 | 9 | 18 | — | 130 | 12 |
| HK0.C40.3m160.SF3.AD | CAT40 SFH03 160 SLIM AD/2.5G25000 SL | 3 | 9 | 19 | — | 160 | 12 |
| HK0.C40.4m80.SF3.AD | CAT40 SFH04 080 SLIM AD/2.5G25000 SL | 4 | 10 | 15 | — | 80 | 14 |
| HK0.C40.4m120.SF3.AD | CAT40 SFH04 120 SLIM AD/2.5G25000 SL | 4 | 10 | 19 | — | 120 | 14 |
| HK0.C40.4m130.SF3.AD | CAT40 SFH04 130 SLIM AD/2.5G25000 SL | 4 | 10 | 19 | — | 130 | 14 |
| HK0.C40.4m160.SF3.AD | CAT40 SFH04 160 SLIM AD/2.5G25000 SL | 4 | 10 | 20 | — | 160 | 14 |
| HK0.C40.5m80.SF3.AD | CAT40 SFH05 080 SLIM AD/2.5G25000 SL | 5 | 11 | 16 | — | 80 | 15 |
| HK0.C40.5m120.SF3.AD | CAT40 SFH05 120 SLIM AD/2.5G25000 SL | 5 | 11 | 20 | — | 120 | 15 |
| HK0.C40.5m130.SF3.AD | CAT40 SFH05 130 SLIM AD/2.5G25000 SL | 5 | 11 | 20 | — | 130 | 15 |
| HK0.C40.5m160.SF3.AD | CAT40 SFH05 160 SLIM AD/2.5G25000 SL | 5 | 11 | 21 | — | 160 | 15 |
| HK0.C40.6m80.SF3.AD | CAT40 SFH06 080 SLIM AD/2.5G25000 SL | 6 | 12 | 17 | M5 | 80 | 36 |
| HK0.C40.6m120.SF3.AD | CAT40 SFH06 120 SLIM AD/2.5G25000 SL | 6 | 12 | 21 | M5 | 120 | 36 |
| HK0.C40.6m130.SF3.AD | CAT40 SFH06 130 SLIM AD/2.5G25000 SL | 6 | 12 | 21 | M5 | 130 | 36 |
| HK0.C40.6m160.SF3.AD | CAT40 SFH06 160 SLIM AD/2.5G25000 SL | 6 | 12 | 25 | M5 | 160 | 36 |
| HK0.C40.8m80.SF3.AD | CAT40 SFH08 080 SLIM AD/2.5G25000 SL | 8 | 14 | 19 | M6 | 80 | 36 |
| HK0.C40.8m120.SF3.AD | CAT40 SFH08 120 SLIM AD/2.5G25000 SL | 8 | 14 | 23 | M6 | 120 | 36 |
| HK0.C40.8m130.SF3.AD | CAT40 SFH08 130 SLIM AD/2.5G25000 SL | 8 | 14 | 23 | M6 | 130 | 36 |
| HK0.C40.8m160.SF3.AD | CAT40 SFH08 160 SLIM AD/2.5G25000 SL | 8 | 14 | 27 | M6 | 160 | 36 |
| HK0.C40.10m80.SF3.AD | CAT40 SFH10 080 SLIM AD/2.5G25000 SL | 10 | 16 | 21 | M8 | 80 | 41 |
| HK0.C40.10m120.SF3.AD | CAT40 SFH10 120 SLIM AD/2.5G25000 SL | 10 | 16 | 25 | M8 | 120 | 41 |
| HK0.C40.10m130.SF3.AD | CAT40 SFH10 130 SLIM AD/2.5G25000 SL | 10 | 16 | 25 | M8 | 130 | 41 |
| HK0.C40.10m160.SF3.AD | CAT40 SFH10 160 SLIM AD/2.5G25000 SL | 10 | 16 | 29 | M8 | 160 | 41 |
| HK0.C40.12m80.SF3.AD | CAT40 SFH12 080 SLIM AD/2.5G25000 SL | 12 | 18 | 23 | M10 | 80 | 46 |
| HK0.C40.12m120.SF3.AD | CAT40 SFH12 120 SLIM AD/2.5G25000 SL | 12 | 18 | 27 | M10 | 120 | 46 |
| HK0.C40.12m130.SF3.AD | CAT40 SFH12 130 SLIM AD/2.5G25000 SL | 12 | 18 | 27 | M10 | 130 | 46 |
| HK0.C40.12m160.SF3.AD | CAT40 SFH12 160 SLIM AD/2.5G25000 SL | 12 | 18 | 31 | M10 | 160 | 46 |
| HK0.C40.14m80.SF3.AD | CAT40 SFH14 080 SLIM AD/2.5G25000 SL | 14 | 20 | 26 | M10 | 80 | 46 |
| HK0.C40.14m120.SF3.AD | CAT40 SFH14 120 SLIM AD/2.5G25000 SL | 14 | 20 | 29 | M10 | 120 | 46 |
| HK0.C40.14m130.SF3.AD | CAT40 SFH14 130 SLIM AD/2.5G25000 SL | 14 | 20 | 29 | M10 | 130 | 46 |
| HK0.C40.14m160.SF3.AD | CAT40 SFH14 160 SLIM AD/2.5G25000 SL | 14 | 20 | 32 | M10 | 160 | 46 |

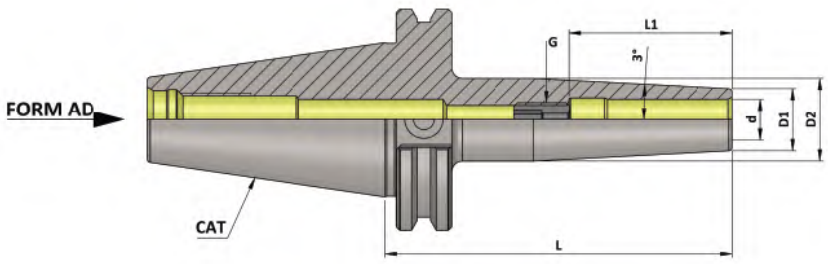
Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

| CAT 40 (ANSI B 5.50) (SFH SLIM 3°) (AD) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.C40.16m80.SF3.AD | CAT40SFH16080SLIMAD/2.5G25000SL | 16 | 22 | 28 | M12 | 80 | 49 |
| HK0.C40.16m120.SF3.AD | CAT40SFH16120SLIMAD/2.5G25000SL | 16 | 22 | 31 | M12 | 120 | 49 |
| HK0.C40.16m130.SF3.AD | CAT40SFH16130SLIMAD/2.5G25000SL | 16 | 22 | 31 | M12 | 130 | 49 |
| HK0.C40.16m160.SF3.AD | CAT40SFH16160SLIMAD/2.5G25000SL | 16 | 22 | 34 | M12 | 160 | 49 |
| HK0.C40.18m80.SF3.AD | CAT40SFH18080SLIMAD/2.5G25000SL | 18 | 24 | 30 | M12 | 80 | 49 |
| HK0.C40.18m120.SF3.AD | CAT40SFH18120SLIMAD/2.5G25000SL | 18 | 24 | 33 | M12 | 120 | 49 |
| HK0.C40.18m130.SF3.AD | CAT40SFH18130SLIMAD/2.5G25000SL | 18 | 24 | 33 | M12 | 130 | 49 |
| HK0.C40.18m160.SF3.AD | CAT40SFH18160SLIMAD/2.5G25000SL | 18 | 24 | 36 | M12 | 160 | 49 |
| HK0.C40.20m80.SF3.AD | CAT40SFH20080SLIMAD/2.5G25000SL | 20 | 26 | 32 | M16 | 80 | 51 |
| HK0.C40.20m120.SF3.AD | CAT40SFH20120SLIMAD/2.5G25000SL | 20 | 26 | 35 | M16 | 120 | 51 |
| HK0.C40.20m130.SF3.AD | CAT40SFH20130SLIMAD/2.5G25000SL | 20 | 26 | 35 | M16 | 130 | 51 |
| HK0.C40.20m160.SF3.AD | CAT40SFH20160SLIMAD/2.5G25000SL | 20 | 26 | 38 | M16 | 160 | 51 |

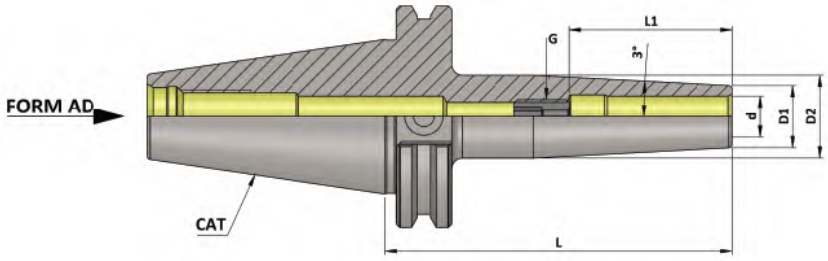
Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**INCH**

| CAT 40 (ANSI B 5.50) (SFH SLIM 3°) (AD) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.C40.1/8z315.SF3.AD | CAT40SFH1/8''3.15''SLIM AD/2.5G25000SL | 1/8" | 0.354" | 0.551" | — | 3.15" | 0.472" |
| HK0.C40.1/8z472.SF3.AD | CAT40SFH1/8''4.72''SLIMAD/2.5G25000SL | 1/8" | 0.354" | 0.709" | — | 4.72" | 0.472" |
| HK0.C40.1/8z512.SF3.AD | CAT40SFH1/8''5.12''SLIMAD/2.5G25000SL | 1/8" | 0.354" | 0.709" | — | 5.12" | 0.472" |
| HK0.C40.1/8z630.SF3.AD | CAT40SFH1/8''6.30''SLIMAD/2.5G25000SL | 1/8" | 0.354" | 0.748" | — | 6.30" | 0.472" |
| HK0.C40.3/16z315.SF3.AD | CAT40SFH3/16''3.15''SLIMAD/2.5G25000SL | 3/16" | 0.394" | 0.591" | — | 3.15" | 0.551" |
| HK0.C40.3/16z472.SF3.AD | CAT40SFH3/16''4.72''SLIMAD/2.5G25000SL | 3/16" | 0.394" | 0.748" | — | 4.72" | 0.551" |
| HK0.C40.3/16z512.SF3.AD | CAT40SFH3/16''5.12''SLIMAD/2.5G25000SL | 3/16" | 0.394" | 0.748" | — | 5.12" | 0.551" |
| HK0.C40.3/16z630.SF3.AD | CAT40SFH3/16''6.30''SLIMAD/2.5G25000SL | 3/16" | 0.394" | 0.787" | — | 6.30" | 0.551" |
| HK0.C40.1/4z315.SF3.AD | CAT40SFH1/4''3.15''SLIMAD/2.5G25000SL | 1/4" | 0.472" | 0.669" | M5 | 3.15" | 1.417" |
| HK0.C40.1/4z472.SF3.AD | CAT40SFH1/4''4.72''SLIMAD/2.5G25000SL | 1/4" | 0.472" | 0.827" | M5 | 4.72" | 1.417" |
| HK0.C40.1/4z512.SF3.AD | CAT40SFH1/4''5.12''SLIMAD/2.5G25000SL | 1/4" | 0.472" | 0.827" | M5 | 5.12" | 1.417" |
| HK0.C40.1/4z630.SF3.AD | CAT40SFH1/4''6.30''SLIMAD/2.5G25000SL | 1/4" | 0.472" | 0.984" | M5 | 6.30" | 1.417" |
| HK0.C40.5/16z315.SF3.AD | CAT40SFH5/16''3.15''SLIMAD/2.5G25000SL | 5/16" | 0.551" | 0.748" | M6 | 3.15" | 1.417" |
| HK0.C40.5/16z472.SF3.AD | CAT40SFH5/16''4.72''SLIMAD/2.5G25000SL | 5/16" | 0.551" | 0.906" | M6 | 4.72" | 1.417" |
| HK0.C40.5/16z512.SF3.AD | CAT40SFH5/16''5.12''SLIMAD/2.5G25000SL | 5/16" | 0.551" | 0.906" | M6 | 5.12" | 1.417" |
| HK0.C40.5/16z630.SF3.AD | CAT40SFH5/16''6.30''SLIMAD/2.5G25000SL | 5/16" | 0.551" | 1.063" | M6 | 6.30" | 1.417" |
| HK0.C40.3/8z315.SF3.AD | CAT40SFH3/8''3.15''SLIMAD/2.5G25000SL | 3/8" | 0.63" | 0.827" | M8 | 3.15" | 1.614" |
| HK0.C40.3/8z472.SF3.AD | CAT40SFH3/8''4.72''SLIMAD/2.5G25000SL | 3/8" | 0.63" | 0.984" | M8 | 4.72" | 1.614" |
| HK0.C40.3/8z512.SF3.AD | CAT40SFH3/8''5.12''SLIMAD/2.5G25000SL | 3/8" | 0.63" | 0.984" | M8 | 5.12" | 1.614" |
| HK0.C40.3/8z630.SF3.AD | CAT40SFH3/8''6.30''SLIMAD/2.5G25000SL | 3/8" | 0.63" | 1.142" | M8 | 6.30" | 1.614" |

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

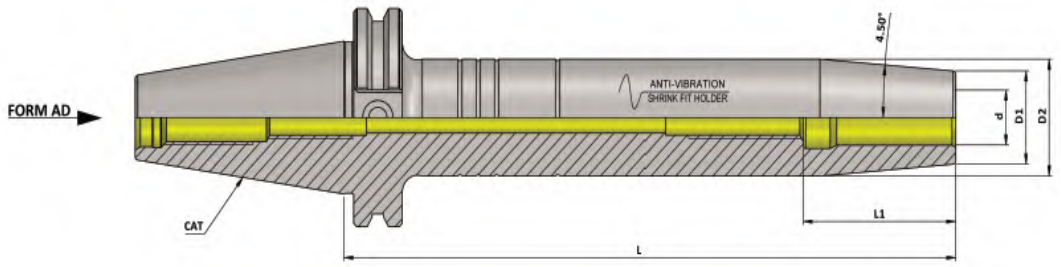



**INCH**

| CAT 40 (ANSI B 5.50) (SFH SLIM 3°) (AD) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.C40.7/16z315.SF3.AD | CAT40SFH7/16''3.15''SLIMAD/2.5G25000SL | 7/16" | 0.709" | 0.906" | M10 | 3.15" | 1.811" |
| HK0.C40.7/16z472.SF3.AD | CAT40SFH7/16''4.72''SLIMAD/2.5G25000SL | 7/16" | 0.709" | 1.063" | M10 | 4.72" | 1.811" |
| HK0.C40.7/16z512.SF3.AD | CAT40SFH7/16''5.12''SLIMAD/2.5G25000SL | 7/16" | 0.709" | 1.063" | M10 | 5.12" | 1.811" |
| HK0.C40.7/16z630.SF3.AD | CAT40SFH7/16''6.30''SLIMAD/2.5G25000SL | 7/16" | 0.709" | 1.22" | M10 | 6.30" | 1.811" |
| HK0.C40.1/2z315.SF3.AD | CAT40SFH1/2''3.15''SLIMAD/2.5G25000SL | 1/2" | 0.709" | 0.906" | M10 | 3.15" | 1.811" |
| HK0.C40.1/2z472.SF3.AD | CAT40SFH1/2''4.72''SLIMAD/2.5G25000SL | 1/2" | 0.709" | 1.063" | M10 | 4.72" | 1.811" |
| HK0.C40.1/2z512.SF3.AD | CAT40SFH1/2''5.12''SLIMAD/2.5G25000SL | 1/2" | 0.709" | 1.063" | M10 | 5.12" | 1.811" |
| HK0.C40.1/2z630.SF3.AD | CAT40SFH1/2''6.30''SLIMAD/2.5G25000SL | 1/2" | 0.709" | 1.22" | M10 | 6.30" | 1.811" |
| HK0.C40.5/8z315.SF3.AD | CAT40SFH5/8''3.15''SLIMAD/2.5G25000SL | 5/8" | 0.866" | 1.102" | M12 | 3.15" | 1.929" |
| HK0.C40.5/8z472.SF3.AD | CAT40SFH5/8''4.72''SLIMAD/2.5G25000SL | 5/8" | 0.866" | 1.22" | M12 | 4.72" | 1.929" |
| HK0.C40.5/8z512.SF3.AD | CAT40SFH5/8''5.12''SLIMAD/2.5G25000SL | 5/8" | 0.866" | 1.22" | M12 | 5.12" | 1.929" |
| HK0.C40.5/8z630.SF3.AD | CAT40SFH5/8''6.30''SLIMAD/2.5G25000SL | 5/8" | 0.866" | 1.339" | M12 | 6.30" | 1.929" |
| HK0.C40.3/4z315.SF3.AD | CAT40SFH3/4''3.15''SLIMAD/2.5G25000SL | 3/4" | 1.024" | 1.26" | M16 | 3.15" | 2.008" |
| HK0.C40.3/4z472.SF3.AD | CAT40SFH3/4''4.72''SLIMAD/2.5G25000SL | 3/4" | 1.024" | 1.378" | M16 | 4.72" | 2.008" |
| HK0.C40.3/4z512.SF3.AD | CAT40SFH3/4''5.12''SLIMAD/2.5G25000SL | 3/4" | 1.024" | 1.378" | M16 | 5.12" | 2.008" |
| HK0.C40.3/4z630.SF3.AD | CAT40SFH3/4''6.30''SLIMAD/2.5G25000SL | 3/4" | 1.024" | 1.496" | M16 | 6.30" | 2.008" |

# CAT 40 (ANSI B 5.50) Shrink Fit Holder
# Anti - Vibration 4.5 Degree (SFH - AD/AV)

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm

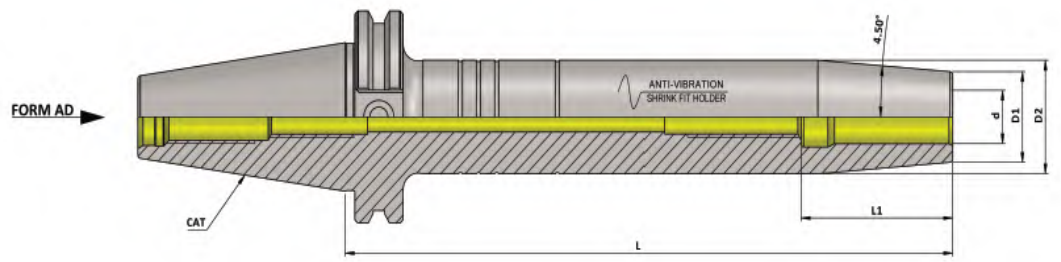



**METRIC**

**CAT 40 (ANSI B 5.50) (SFH - AD/AV)**

| Product Code | ITEM NAME | d | D1 | D2 | L | L1 |
|---|---|---|---|---|---|---|
| HK0.C40.16m200.SFV.ADAV | CAT40 SFH16 200 AD/AV | 16 | 27 | 34 | 200 | 49 |
| HK0.C40.16m250.SFV.ADAV | CAT40 SFH16 250 AD/AV | 16 | 27 | 34 | 250 | 49 |
| HK0.C40.16m300.SFV.ADAV | CAT40 SFH16 300 AD/AV | 16 | 27 | 34 | 300 | 49 |
| HK0.C40.18m200.SFV.ADAV | CAT40 SFH18 200 AD/AV | 18 | 33 | 40 | 200 | 49 |
| HK0.C40.18m250.SFV.ADAV | CAT40 SFH18 250 AD/AV | 18 | 33 | 40 | 250 | 49 |
| HK0.C40.18m300.SFV.ADAV | CAT40 SFH18 300 AD/AV | 18 | 33 | 40 | 300 | 49 |
| HK0.C40.20m200.SFV.ADAV | CAT40 SFH20 200 AD/AV | 20 | 33 | 40 | 200 | 51 |
| HK0.C40.20m250.SFV.ADAV | CAT40 SFH20 250 AD/AV | 20 | 33 | 40 | 250 | 51 |
| HK0.C40.20m300.SFV.ADAV | CAT40 SFH20 300 AD/AV | 20 | 33 | 40 | 300 | 51 |
| HK0.C40.25m200.SFV.ADAV | CAT40 SFH25 200 AD/AV | 25 | 44 | 53 | 200 | 57 |
| HK0.C40.25m250.SFV.ADAV | CAT40 SFH25 250 AD/AV | 25 | 44 | 53 | 250 | 57 |
| HK0.C40.25m300.SFV.ADAV | CAT40 SFH25 300 AD/AV | 25 | 44 | 53 | 300 | 57 |
| HK0.C40.32m200.SFV.ADAV | CAT40 SFH32 200 AD/AV | 32 | 44 | 53 | 200 | 61 |
| HK0.C40.32m250.SFV.ADAV | CAT40 SFH32 250 AD/AV | 32 | 44 | 53 | 250 | 61 |
| HK0.C40.32m300.SFV.ADAV | CAT40 SFH32 300 AD/AV | 32 | 44 | 53 | 300 | 61 |

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm

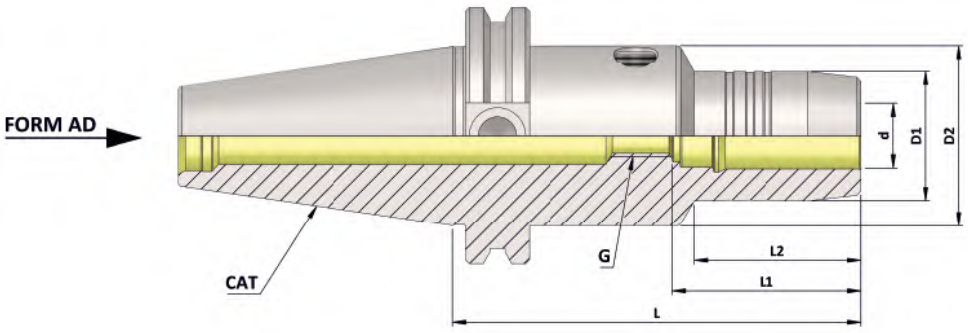



**INCH**

| CAT 40 (ANSI B 5.50) (SFH - AD/AV) | | | | | | |
|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **L** | **L1** |
| HK0.C40.5/8z9843.SFV.ADAV | CAT40 SFH5/8'' 250 AD/AV | 5/8" | 1.063" | 1.339" | 9.843" | 1.929" |
| HK0.C40.5/8z11811.SFV.ADAV | CAT40 SFH5/8'' 300 AD/AV | 5/8" | 1.063" | 1.339" | 11.811" | 1.929" |
| HK0.C40.3/4z7874.SFV.ADAV | CAT40 SFH3/4'' 200 AD/AV | 3/4" | 1.299" | 1.575" | 7.874" | 2.008" |
| HK0.C40.3/4z9843.SFV.ADAV | CAT40 SFH3/4'' 250 AD/AV | 3/4" | 1.299" | 1.575" | 9.843" | 2.008" |
| HK0.C40.3/4z11811.SFV.ADAV | CAT40 SFH3/4'' 300 AD/AV | 3/4" | 1.299" | 1.575" | 11.811" | 2.008" |
| HK0.C40.1z7874.SFV.ADAV | CAT40 SFH1.0'' 200 AD/AV | 1.0" | 1.732" | 2.087" | 7.874" | 2.244" |
| HK0.C40.1z9843.SFV.ADAV | CAT40 SFH1.0'' 250 AD/AV | 1.0" | 1.732" | 2.087" | 9.843" | 2.244" |
| HK0.C40.1z11811.SFV.ADAV | CAT40 SFH1.0'' 300 AD/AV | 1.0" | 1.732" | 2.087" | 11.811" | 2.244" |
| HK0.C40.11/4z7874.SFV.ADAV | CAT40 SFH1-1/4'' 200 AD/AV | 1-1/4" | 1.732" | 2.087" | 7.874" | 2.402" |
| HK0.C40.11/4z9843.SFV.ADAV | CAT40 SFH1-1/4'' 250 AD/AV | 1-1/4" | 1.732" | 2.087" | 9.843" | 2.402" |
| HK0.C40.11/4z11811.SFV.ADAV | CAT40 SFH1-1/4'' 300 AD/AV | 1-1/4" | 1.732" | 2.087" | 11.811" | 2.402" |

# CAT 40 (ANSI B 5.50)
# Hydraulic Expansion Chuck

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

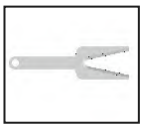
| CAT 40 (ANSI B 5.50) Hydraulic Expansion Chuck | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Product Code** | **Item Name** | **d** | **D1** | **D2** | **G** | **L** | **L1** | **L2** |
| HK0.C40.6m1016.HCS | CAT40 HC06 - 101.60 2.5G 25000 SL | 6 | 26 | 44.5 | M5 | 101.6 | 37 | 32.5 |
| HK0.C40.8m1016.HCS | CAT40 HC08 - 101.60 2.5G 25000 SL | 8 | 28 | 44.5 | M6 | 101.6 | 37 | 35.5 |
| HK0.C40.10m1016.HCS | CAT40 HC10 - 101.60 2.5G 25000 SL | 10 | 30 | 44.5 | M8 | 101.6 | 41 | 41.5 |
| HK0.C40.12m1016.HCS | CAT40 HC12 - 101.60 2.5G 25000 SL | 12 | 32 | 44.5 | M10 | 101.6 | 46 | 41.5 |
| HK0.C40.14m1016.HCS | CAT40 HC14 - 101.60 2.5G 25000 SL | 14 | 34 | 44.5 | M10 | 101.6 | 46 | 49.5 |
| HK0.C40.16m1016.HCS | CAT40 HC16 - 101.60 2.5G 25000 SL | 16 | 38 | 44.5 | M12 | 101.6 | 49 | 49.5 |
| HK0.C40.18m1016.HCS | CAT40 HC18 - 101.60 2.5G 25000 SL | 18 | 40 | 44.5 | M12 | 101.6 | 49 | 49.5 |
| HK0.C40.20m1016.HCS | CAT40 HC20 - 101.60 2.5G 25000 SL | 20 | 42 | 44.5 | M16 | 101.6 | 51 | 49.5 |
| HK0.C40.25m1016.HCS | CAT40 HC25 - 101.60 2.5G 25000 SL | 25 | 55 | 65 | M16 | 101.6 | 57 | 45 |
| HK0.C40.32m1016.HCS | CAT40 HC32 - 101.60 2.5G 25000 SL | 32 | 63 | 70 | M16 | 101.6 | 61 | 48 |

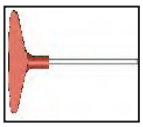
**INCH**

| CAT 40 (ANSI B 5.50) Hydraulic Expansion Chuck | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Product Code** | **Item Name** | **d** | **D1** | **D2** | **G** | **L** | **L1** | **L2** |
| HK0.C40.1/4z4.HCS | CAT40 HC 1/4'' -101.60 2.5G 25000 SL | 1/4" | 1.024" | 1.752" | M5 | 4" | 1.457" | 1.28" |
| HK0.C40.5/16z4.HCS | CAT40 HC5/16'' - 101.60 2.5G 25000 SL | 5/16" | 1.102" | 1.752" | M5 | 4" | 1.457" | 1.28" |
| HK0.C40.3/8z4.HCS | CAT40 HC 3/8'' - 101.60 2.5G 25000 SL | 3/8" | 1.181" | 1.752" | M8 | 4" | 1.614" | 1.634" |
| HK0.C40.1/2z4.HCS | CAT40 HC 1/2'' - 101.60 2.5G 25000 SL | 1/2" | 1.26" | 1.752" | M10 | 4" | 1.811" | 1.634" |
| HK0.C40.5/8z4.HCS | CAT40 HC 5/8'' - 101.60 2.5G 25000 SL | 5/8" | 1.496" | 1.752" | M12 | 4" | 1.929" | 1.949" |
| HK0.C40.3/4z4.HCS | CAT40 HC 3/4'' - 101.60 2.5G 25000 SL | 3/4" | 1.654" | 1.752" | M16 | 4" | 2.008" | 1.949" |
| HK0.C40.1z4.HCS | CAT40 HC 1.0'' - 101.60 2.5G 25000 SL | 1" | 2.165" | 2.402" | M16 | 4" | 2.244" | 1.772" |
| HK0.C40.11/4z4.HCS | CAT40HC1-1/4''-101.602.5G25000SL | 1-1/4" | 2.402" | 2.756" | M16 | 4" | 2.402" | 1.89" |

## Accessories:

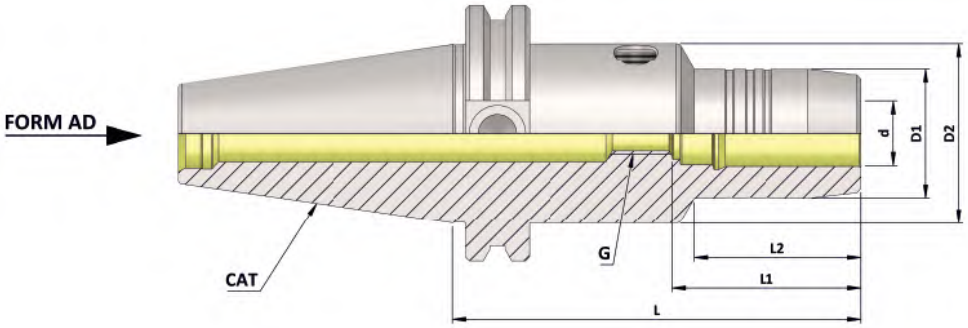

REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

# CAT 40 (ANSI B 5.50)
# Hydraulic Expansion Chuck

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

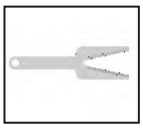
| CAT 40 (ANSI B 5.50) Hydraulic Expansion Chuck | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Product Code** | **Item Name** | **d** | **D1** | **D2** | **G** | **L** | **L1** | **L2** |
| HK0.C40.6m150.HCS | CAT40 HC06 - 150 2.5G 25000 SL | 6 | 26 | 44.5 | M5 | 150 | 37 | 32.5 |
| HK0.C40.8m150.HCS | CAT40 HC08 - 150 2.5G 25000 SL | 8 | 28 | 44.5 | M6 | 150 | 37 | 35.5 |
| HK0.C40.10m150.HCS | CAT40 HC10 - 150 2.5G 25000 SL | 10 | 30 | 44.5 | M8 | 150 | 41 | 41.5 |
| HK0.C40.12m150.HCS | CAT40 HC12 - 150 2.5G 25000 SL | 12 | 32 | 44.5 | M10 | 150 | 46 | 41.5 |
| HK0.C40.14m150.HCS | CAT40 HC14 - 150 2.5G 25000 SL | 14 | 34 | 44.5 | M10 | 150 | 46 | 49.5 |
| HK0.C40.16m150.HCS | CAT40 HC16 - 150 2.5G 25000 SL | 16 | 38 | 44.5 | M12 | 150 | 49 | 49.5 |
| HK0.C40.18m150.HCS | CAT40 HC18 - 150 2.5G 25000 SL | 18 | 40 | 44.5 | M12 | 150 | 49 | 49.5 |
| HK0.C40.20m150.HCS | CAT40 HC20 - 150 2.5G 25000 SL | 20 | 42 | 44.5 | M16 | 150 | 51 | 49.5 |
| HK0.C40.25m150.HCS | CAT40 HC25 - 150 2.5G 25000 SL | 25 | 55 | 65 | M16 | 150 | 57 | 66 |
| HK0.C40.32m150.HCS | CAT40 HC32 - 150 2.5G 25000 SL | 32 | 63 | 70 | M16 | 150 | 61 | 25.5 |

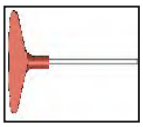
**INCH**

| CAT 40 (ANSI B 5.50) Hydraulic Expansion Chuck | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Product Code** | **Item Name** | **d** | **D1** | **D2** | **G** | **L** | **L1** | **L2** |
| HK0.C40.1/4z5906.HCS | CAT40 HC1/4'' 150 2.5G 25000 SL | 1/4'' | 1.024" | 1.752" | M5 | 5.906" | 1.457" | 1.28" |
| HK0.C40.5/16z5906.HCS | CAT40 HC5/16'' 150 2.5G 25000 SL | 5/16'' | 1.102" | 1.752" | M6 | 5.906" | 1.457" | 1.398" |
| HK0.C40.3/8z5906.HCS | CAT40 HC3/8'' 150 2.5G 25000 SL | 3/8'' | 1.181" | 1.752" | M8 | 5.906" | 1.614" | 1.634" |
| HK0.C40.1/2z5906.HCS | CAT40 HC1/2'' 150 2.5G 25000 SL | 1/2'' | 1.26" | 1.752" | M10 | 5.906" | 1.811" | 1.634" |
| HK0.C40.5/8z5906.HCS | CAT40 HC5/8'' 150 2.5G 25000 SL | 5/8'' | 1.496" | 1.752" | M12 | 5.906" | 1.929" | 1.949" |
| HK0.C40.3/4z5906.HCS | CAT40 HC3/4'' 150 2.5G 25000 SL | 3/4'' | 1.654" | 1.752" | M16 | 5.906" | 2.008" | 1.949" |
| HK0.C40.1z5906.HCS | CAT40 HC1'' 150 2.5G 25000 SL | 1'' | 2.165'' | 2.559" | M16 | 5.906" | 2.244" | 2.598" |
| HK0.C40.11/4z5906.HCS | CAT40 HC1-1/4'' 150 2.5G 25000 SL | 1-1/4'' | 2.48" | 2.756" | M16 | 5.906" | 2.402" | 1.004" |

## Accessories:


REDUCTION SLEEVE SEAL

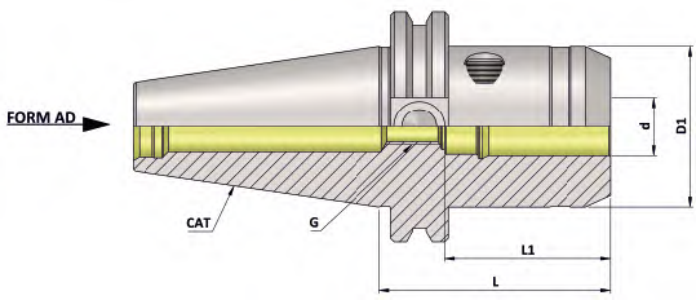

SPANNER HC


KEY HC 5MM

# CAT 40 (ANSI B 5.50)
# Hydraulic Expansion Chuck

HEAVY DUTY

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**INCH**

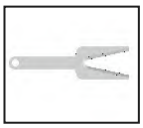
| CAT 40 (ANSI B 5.50) Hydraulic Expansion Chuck (Heavy Duty) | | | | | | |
|---|---|---|---|---|---|---|
| **Product Code** | **Item Name** | **d** | **D1** | **G** | **L** | **L1** |
| HK0.C40.1/2z252.HCD | CAT40 HC 1/2'' S 064 2.5G 25000 SL | 1/2" | 1.752" | M10 | 2.52" | 1.811" |
| HK0.C40.3/4z252.HCD | CAT40 HC 3/4'' S 064 2.5G 25000 SL | 3/4" | 1.752" | M16 | 2.52" | 2.008" |

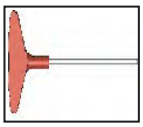
**METRIC**

| CAT 40 (ANSI B 5.50) Hydraulic Expansion Chuck (Heavy Duty) | | | | | | |
|---|---|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **d** | **D1** | **G** | **L** | **L1** |
| HK0.C40.12m64.HCD | CAT40 HC12S 064 2.5G 25000 SL | 12 | 44.5 | M10 | 64 | 46 |
| HK0.C40.20m64.HCD | CAT40 HC20S 064 2.5G 25000 SL | 20 | 44.5 | M16 | 64 | 51 |

## Accessories:


REDUCTION SLEEVE SEAL

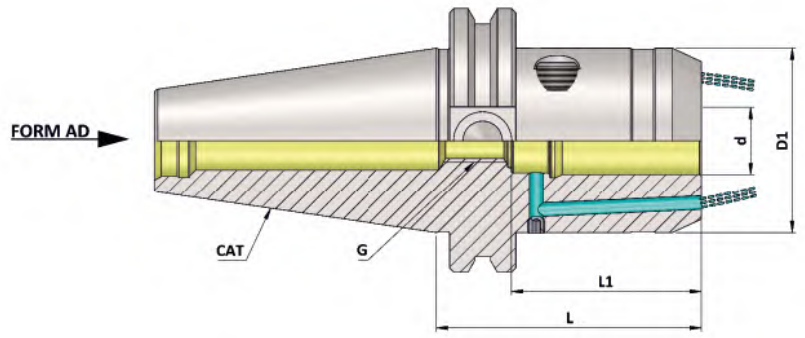

SPANNER HC


KEY HC 5MM

# CAT 40 (ANSI B 5.50)
# Hydraulic Expansion Chuck

HEAVY DUTY

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**INCH**

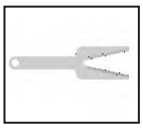
| CAT 40 (ANSI B 5.50) Hydraulic Expansion Chuck (FCC - Heavy Duty) | | | | | | |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 |
| HK0.C40.1/2z252.HDF | CAT40 HC1/2''S 064 FCC 2.5G 25000 SL | 1/2" | 1.752" | M10 | 2.52" | 1.811" |
| HK0.C40.3/4z252.HDF | CAT40 HC3/4''S 064 FCC 2.5G 25000 SL | 3/4" | 1.752" | M16 | 2.52" | 2.008" |

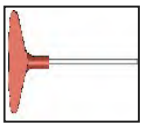
**METRIC**

| CAT 40 (ANSI B 5.50) Hydraulic Expansion Chuck (FCC - Heavy Duty) | | | | | | |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 |
| HK0.C40.12m64.HDF | CAT40HC12S064FCC2.5G25000SL | 12 | 44.5 | M10 | 64 | 46 |
| HK0.C40.20m64.HDF | CAT40HC20S064FCC2.5G25000SL | 20 | 44.5 | M16 | 64 | 51 |

## Accessories:

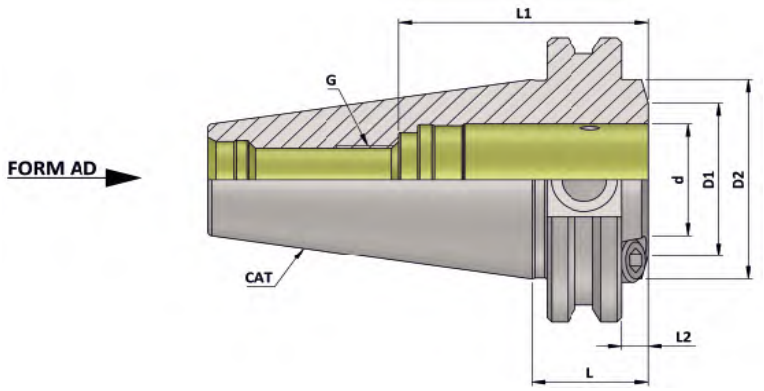

REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

# CAT 40 (ANSI B 5.50)
# Short GP Hydraulic Expansion Chuck

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**INCH**

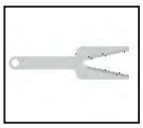
| CAT 40 (ANSI B 5.50) Hydraulic Expansion Chuck (Short GP) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Product Code** | **Item Name** | **d** | **D1** | **D2** | **G** | **L** | **L1** | **L2** |
| HK0.C40.3/4z0969.HSH | CAT40 HC 3/4'' 24.60 SHORT G.P. 2.5G 25000 SL | 3/4" | 1.339" | 1.75" | M16 | 0.969" | 2.008" | 0.219" |

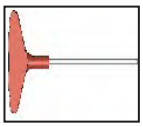
**METRIC**

| CAT 40 (ANSI B 5.50) Hydraulic Expansion Chuck (Short GP) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Product Code** | **Item Name** | **d** | **D1** | **D2** | **G** | **L** | **L1** | **L2** |
| HK0.C40.20m246.HSH | CAT40 HC20 24.60 SHORT G.P. 2.5G 25000 SL | 20 | 34 | 44.45 | M16 | 24.6 | 51 | 5.55 |

## Accessories:

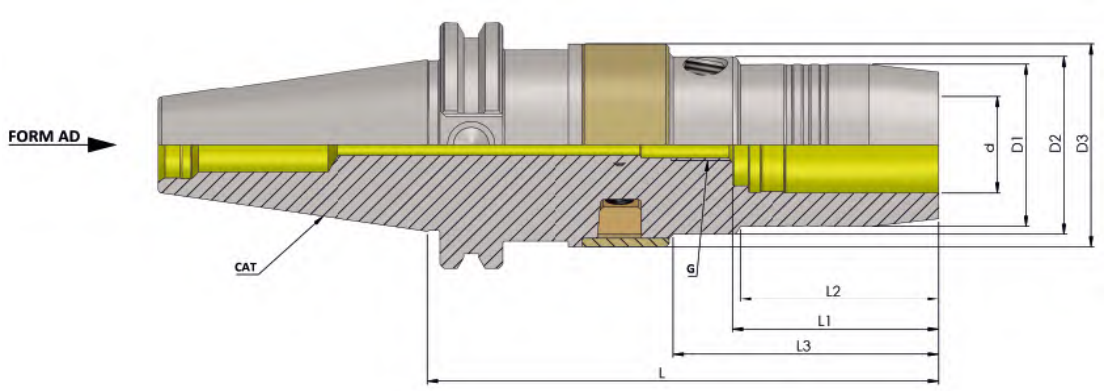

REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

# CAT 40 (ANSI B 5.50) Hydraulic Expansion Chuck With Run Out Adjustment

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

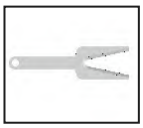
| CAT 40 (ANSI-B 5.50) Hydraulic Expansion Chuck Run Out Adjustment | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 | L3 |
| HK0.C40.20m130.HRO.AD | CAT40 HC20 130 AD/RA 2.5G 25000 SL | 20 | 42 | 46 | 52.5 | M8 | 130 | 51 | 50 | 67.5 |
| HK0.C40.32m150.HRO.AD | CAT40 HC32 150 AD/RA 2.5G 25000 SL | 32 | 42 | 46 | 52.5 | M8 | 150 | 51 | 50 | 67.5 |

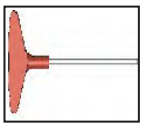
**INCH**

| CAT 40 (ANSI-B 5.50) Hydraulic Expansion Chuck Run Out Adjustment | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 | L3 |
| HK0.C40.3/4z5118.HRO.AD | CAT40 HC3/4" 130 AD/RA 2.5G 25000 SL | 3/4" | 1.654" | 1.811" | 2.067" | M8 | 5.118" | 2.008" | 1.969" | 2.657" |
| HK0.C40.11/4z5906.HRO.AD | CAT40HC1-1/4"150AD/RA2.5G25000SL | 1-1/4" | 1.654" | 1.811" | 2.067" | M8 | 5.906" | 2.008" | 1.969" | 2.657" |

## Accessories:

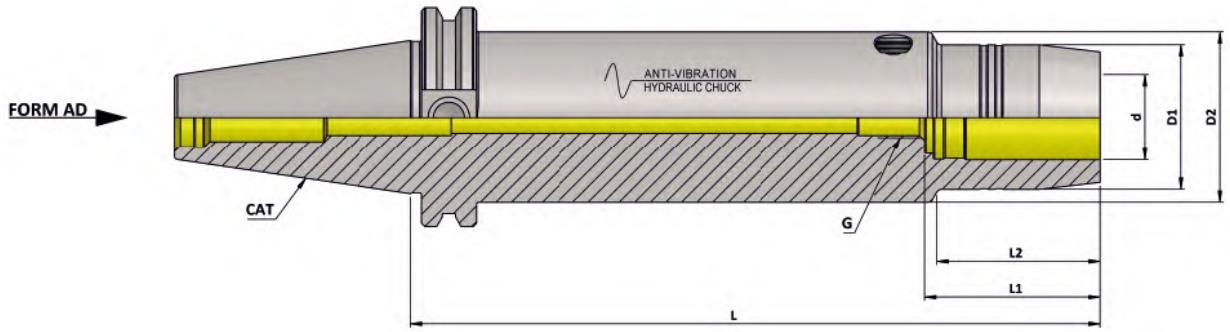

REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

# CAT 40 (ANSI B 5.50) Hydraulic Expansion Chuck Anti - Vibration (HC-AD/AV)

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm




**INCH**

| CAT 40 (ANSI-B 5.50) Hydraulic Expansion Chuck Anti - Vibration (HC - AD/AV) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Product Code** | **Item Name** | **d** | **D1** | **D2** | **G** | **L** | **L1** | **L2** |
| HK0.C40.3/4z7874.HCV.ADAV | CAT40 HC3/4" 200 AD/AV | 3/4" | 1.654" | 1.949" | M16 | 7.874" | 2.008" | 1.85" |
| HK0.C40.3/4z9843.HCV.ADAV | CAT40 HC3/4" 250 AD/AV | 3/4" | 1.654" | 1.949" | M16 | 9.843" | 2.008" | 1.85" |
| HK0.C40.3/4z11811.HCV.ADAV | CAT40 HC3/4" 300 AD/AV | 3/4" | 1.654" | 1.949" | M16 | 11.811" | 2.008" | 1.85" |

**METRIC**

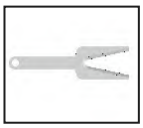
| CAT 40 (ANSI-B 5.50) Hydraulic Expansion Chuck Anti - Vibration (HC - AD/AV) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **d** | **D1** | **D2** | **G** | **L** | **L1** | **L2** |
| HK0.C40.20m200.HCV.ADAV | CAT40 HC20 200 AD/AV | 20 | 42 | 49.5 | M16 | 200 | 51 | 47 |
| HK0.C40.20m250.HCV.ADAV | CAT40 HC20 250 AD/AV | 20 | 42 | 49.5 | M16 | 250 | 51 | 47 |
| HK0.C40.20m300.HCV.ADAV | CAT40 HC20 300 AD/AV | 20 | 42 | 49.5 | M16 | 300 | 51 | 47 |

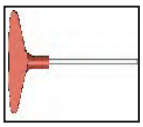
**INCH**

| CAT 40 (ANSI-B 5.50) Hydraulic Expansion Chuck Anti - Vibration (HC - AD/AV) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **d** | **D1** | **D2** | **G** | **L** | **L1** | **L2** |
| HK0.C40.1z7874.HCV.ADAV | CAT40 HC 1.0'' 200 AD/AV | 1.0'' | 2.047" | 2.165" | M16 | 7.874" | 2.244" | 1.969" |
| HK0.C40.1z9843.HCV.ADAV | CAT40 HC 1.0'' 250 AD/AV | 1.0'' | 2.047" | 2.165" | M16 | 9.843" | 2.244" | 1.969" |
| HK0.C40.1z11811.HCV.ADAV | CAT40 HC 1.0'' 300 AD/AV | 1.0'' | 2.047" | 2.165" | M16 | 11.811" | 2.244" | 1.969" |

## Accessories:

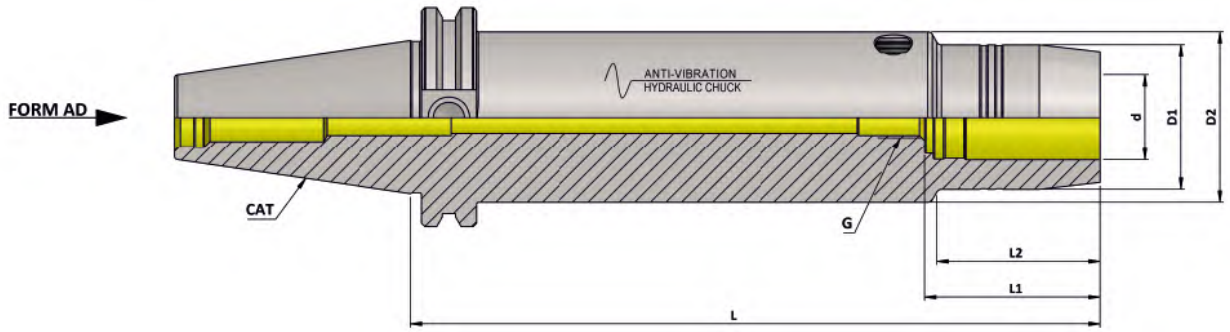

REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

# CAT 40 (ANSI B 5.50) Hydraulic Expansion Chuck Anti - Vibration (HC-AD/AV)

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm




**METRIC**

| CAT 40 (ANSI-B 5.50) Hydraulic Expansion Chuck Anti - Vibration (HC - AD/AV) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
| HK0.C40.25m200.HCV.ADAV | CAT40 HC25 200 AD/AV | 25 | 52 | 55 | M16 | 200 | 57 | 50 |
| HK0.C40.25m250.HCV.ADAV | CAT40 HC25 250 AD/AV | 25 | 52 | 55 | M16 | 250 | 57 | 50 |
| HK0.C40.25m300.HCV.ADAV | CAT40 HC25 300 AD/AV | 25 | 52 | 55 | M16 | 300 | 57 | 50 |

**INCH**

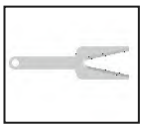
| CAT 40 (ANSI-B 5.50) Hydraulic Expansion Chuck Anti - Vibration (HC - AD/AV) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
| HK0.C40.11/4z7874.HCV.ADAV | CAT40 HC1-1/4" 200 AD/AV | 1-1/4" | 2.441" | 2.48" | M16 | 7.874" | 2.402" | 1.89" |
| HK0.C40.11/4z9843.HCV.ADAV | CAT40 HC1-1/4" 250 AD/AV | 1-1/4" | 2.441" | 2.48" | M16 | 9.843" | 2.402" | 1.89" |
| HK0.C40.11/4z11811.HCV.ADAV | CAT40 HC1-1/4" 300 AD/AV | 1-1/4" | 2.441" | 2.48" | M16 | 11.811" | 2.402" | 1.89" |

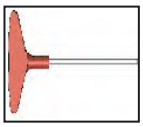
**METRIC**

| CAT 40 (ANSI-B 5.50) Hydraulic Expansion Chuck Anti - Vibration (HC - AD/AV) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
| HK0.C40.32m200.HCV.ADAV | CAT40 HC32 200 AD/AV | 32 | 62 | 63 | M16 | 200 | 61 | 48 |
| HK0.C40.32m250.HCV.ADAV | CAT40 HC32 250 AD/AV | 32 | 62 | 63 | M16 | 250 | 61 | 48 |
| HK0.C40.32m300.HCV.ADAV | CAT40 HC32 300 AD/AV | 32 | 62 | 63 | M16 | 300 | 61 | 48 |

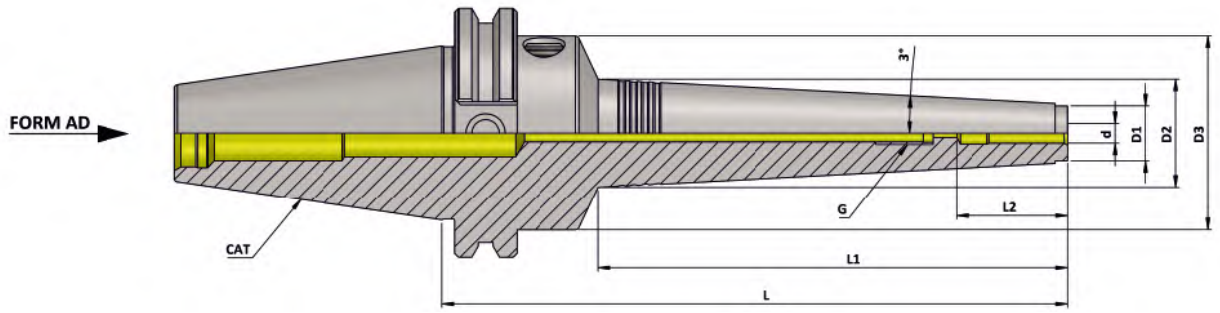
## Accessories:


REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

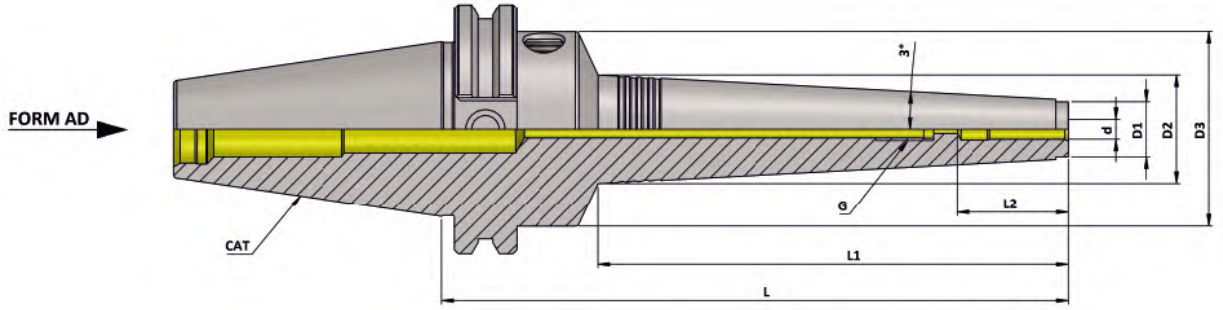



**METRIC**

| CAT 40 (ANSI B 5.50) Hydraulic Expansion Chuck Slim 3 Degree | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Product Code | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 |
| HK0.C40.3m75.HC3 | CAT40HC03075SLIM2.5G25000SL | 3 | 11 | 14.0 | 46 | — | 75 | 20 | 28 |
| HK0.C40.3m90.HC3 | CAT40HC03090SLIM2.5G25000SL | 3 | 11 | 14.9 | 46 | — | 90 | 25 | 28 |
| HK0.C40.3m135.HC3 | CAT40HC03135SLIM2.5G25000SL | 3 | 11 | 19.9 | 46 | — | 135 | 69 | 28 |
| HK0.C40.4m75.HC3 | CAT40HC04075SLIM2.5G25000SL | 4 | 11 | 14.0 | 46 | — | 75 | 20 | 28 |
| HK0.C40.4m90.HC3 | CAT40HC04090SLIM2.5G25000SL | 4 | 11 | 14.9 | 46 | — | 90 | 25 | 28 |
| HK0.C40.4m135.HC3 | CAT40HC04135SLIM2.5G25000SL | 4 | 11 | 19.9 | 46 | — | 135 | 69 | 28 |
| HK0.C40.5m75.HC3 | CAT40HC05075SLIM2.5G25000SL | 5 | 12 | 14.9 | 46 | — | 75 | 20 | 28 |
| HK0.C40.5m90.HC3 | CAT40HC05090SLIM2.5G25000SL | 5 | 12 | 15.9 | 46 | — | 90 | 25 | 28 |
| HK0.C40.5m135.HC3 | CAT40HC05135SLIM2.5G25000SL | 5 | 12 | 20.8 | 46 | — | 135 | 69 | 28 |
| HK0.C40.6m90.HC3 | CAT40HC06090SLIM2.5G25000SL | 6 | 13 | 17.0 | 46 | M5 | 90 | 25 | 37 |
| HK0.C40.6m135.HC3 | CAT40HC06135SLIM2.5G25000SL | 6 | 13 | 21.9 | 46 | M5 | 135 | 69 | 37 |
| HK0.C40.6m150.HC3 | CAT40HC06150SLIM2.5G25000SL | 6 | 13 | 23.4 | 46 | M5 | 150 | 84 | 37 |
| HK0.C40.6m165.HC3 | CAT40HC06165SLIM2.5G25000SL | 6 | 13 | 25.0 | 46 | M5 | 165 | 99 | 37 |
| HK0.C40.6m180.HC3 | CAT40HC06180SLIM2.5G25000SL | 6 | 13 | 26.7 | 46 | M5 | 180 | 114 | 37 |
| HK0.C40.8m90.HC3 | CAT40HC08090SLIM2.5G25000SL | 8 | 15 | 19.0 | 46 | M6 | 90 | 25 | 37 |
| HK0.C40.8m135.HC3 | CAT40HC08135SLIM2.5G25000SL | 8 | 15 | 23.9 | 46 | M6 | 135 | 69 | 37 |
| HK0.C40.8m150.HC3 | CAT40HC08150SLIM2.5G25000SL | 8 | 15 | 25.4 | 46 | M6 | 150 | 84 | 37 |
| HK0.C40.8m165.HC3 | CAT40HC08165SLIM2.5G25000SL | 8 | 15 | 27.0 | 46 | M6 | 165 | 99 | 37 |
| HK0.C40.8m180.HC3 | CAT40HC08180SLIM2.5G25000SL | 8 | 15 | 28.7 | 46 | M6 | 180 | 114 | 37 |
| HK0.C40.10m105.HC3 | CAT40HC10105SLIM2.5G25000SL | 10 | 17 | 22.6 | 46 | M8 | 105 | 39 | 41 |
| HK0.C40.10m135.HC3 | CAT40HC10135SLIM2.5G25000SL | 10 | 17 | 25.9 | 46 | M8 | 135 | 69 | 41 |
| HK0.C40.10m150.HC3 | CAT40HC10150SLIM2.5G25000SL | 10 | 17 | 27.4 | 46 | M8 | 150 | 84 | 41 |
| HK0.C40.10m165.HC3 | CAT40HC10165SLIM2.5G25000SL | 10 | 17 | 29.0 | 46 | M8 | 165 | 99 | 41 |
| HK0.C40.10m180.HC3 | CAT40HC10180SLIM2.5G25000SL | 10 | 17 | 30.7 | 46 | M8 | 180 | 114 | 41 |
| HK0.C40.12m105.HC3 | CAT40HC12105SLIM2.5G25000SL | 12 | 19 | 24.6 | 46 | M8 | 105 | 39 | 46 |
| HK0.C40.12m135.HC3 | CAT40HC12135SLIM2.5G25000SL | 12 | 19 | 27.9 | 46 | M8 | 135 | 69 | 46 |
| HK0.C40.12m150.HC3 | CAT40HC12150SLIM2.5G25000SL | 12 | 19 | 29.4 | 46 | M8 | 150 | 84 | 46 |
| HK0.C40.12m165.HC3 | CAT40HC12165SLIM2.5G25000SL | 12 | 19 | 31.0 | 46 | M8 | 165 | 99 | 46 |
| HK0.C40.12m180.HC3 | CAT40HC12180SLIM2.5G25000SL | 12 | 19 | 32.7 | 46 | M8 | 180 | 114 | 46 |
| HK0.C40.14m135.HC3 | CAT40HC14135SLIM2.5G25000SL | 14 | 21 | 29.8 | 52.5 | M10 | 135 | 69 | 46 |
| HK0.C40.14m165.HC3 | CAT40HC14165SLIM2.5G25000SL | 14 | 21 | 32.9 | 52.5 | M10 | 165 | 99 | 46 |
| HK0.C40.14m180.HC3 | CAT40HC14180SLIM2.5G25000SL | 14 | 21 | 34.5 | 52.5 | M10 | 180 | 114 | 46 |

# CAT 40 (ANSI B 5.50)
# Hydraulic Expansion Chuck Slim 3 Degree

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

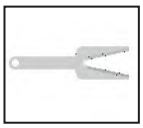


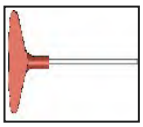

**METRIC**

| CAT 40 (ANSI B 5.50) Hydraulic Expansion Chuck Slim 3 Degree | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Product Code | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 |
| HK0.C40.16m135.HC3 | CAT40 HC16 135 SLIM 2.5G 25000SL | 16 | 23 | 31.9 | 52.5 | M12 | 135 | 69 | 49 |
| HK0.C40.16m165.HC3 | CAT40 HC16 165 SLIM 2.5G 25000SL | 16 | 23 | 35.0 | 52.5 | M12 | 165 | 99 | 49 |
| HK0.C40.16m180.HC3 | CAT40 HC16 180 SLIM 2.5G 25000SL | 16 | 23 | 36.6 | 52.5 | M12 | 180 | 114 | 49 |
| HK0.C40.18m135.HC3 | CAT40 HC18 135 SLIM 2.5G 25000SL | 18 | 26 | 34.8 | 60 | M12 | 135 | 69 | 49 |
| HK0.C40.18m165.HC3 | CAT40 HC18 165 SLIM 2.5G 25000SL | 18 | 26 | 37.9 | 60 | M12 | 165 | 99 | 49 |
| HK0.C40.18m180.HC3 | CAT40 HC18 180 SLIM 2.5G 25000SL | 18 | 26 | 39.5 | 60 | M12 | 180 | 114 | 49 |
| HK0.C40.20m135.HC3 | CAT40 HC20 135 SLIM 2.5G 25000SL | 20 | 28 | 36.9 | 60 | M16 | 135 | 69 | 51 |
| HK0.C40.20m165.HC3 | CAT40 HC20 165 SLIM 2.5G 25000SL | 20 | 28 | 40.0 | 60 | M16 | 165 | 99 | 51 |
| HK0.C40.20m180.HC3 | CAT40 HC20 180 SLIM 2.5G 25000SL | 20 | 28 | 41.6 | 60 | M16 | 180 | 114 | 51 |
| HK0.C40.25m135.HC3 | CAT40 HC25 135 SLIM 2.5G 25000SL | 25 | 37 | 45.9 | 60 | M16 | 135 | 69 | 51 |
| HK0.C40.25m165.HC3 | CAT40 HC25 165 SLIM 2.5G 25000SL | 25 | 37 | 49.0 | 60 | M16 | 165 | 99 | 51 |
| HK0.C40.25m180.HC3 | CAT40 HC25 180 SLIM 2.5G 25000SL | 25 | 37 | 50.6 | 60 | M16 | 180 | 114 | 51 |

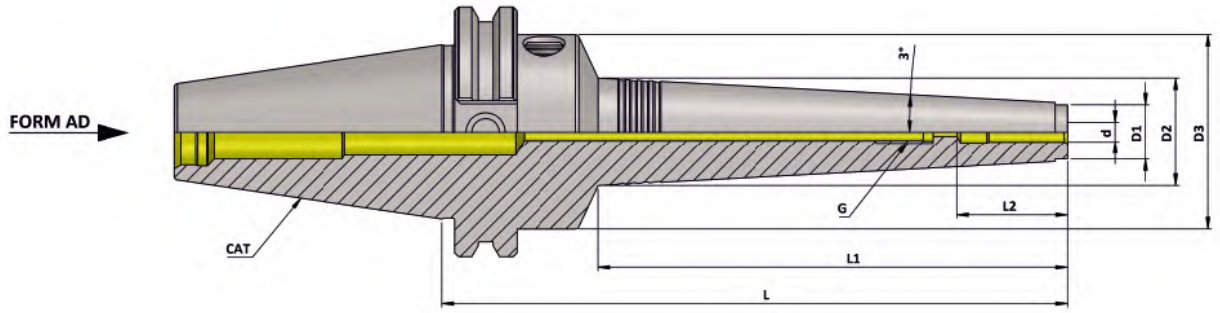
## Accessories:


REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

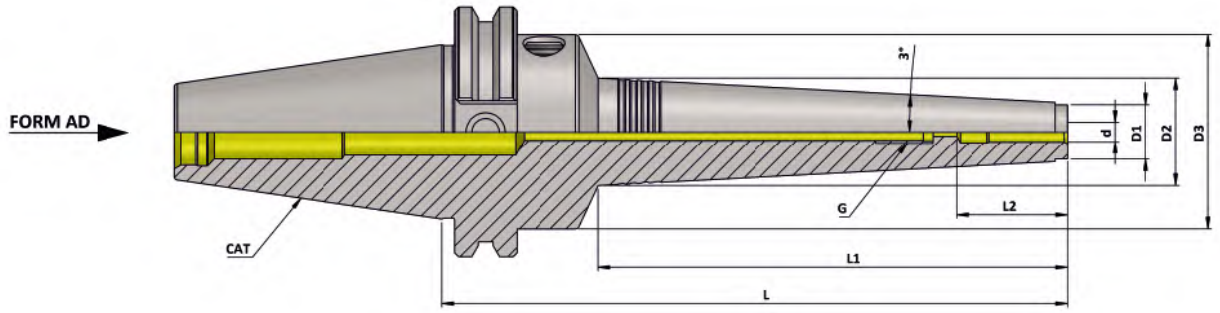



**INCH**

| CAT 40 (ANSI B 5.50) Hydraulic Expansion Chuck Slim 3 Degree | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Product Code | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 |
| HK0.C40.1/8z2953.HC3 | CAT40 HC1/8'' 075 SLIM 2.5G 25000SL | 1/8'' | 0.433" | 0.551" | 1.811" | — | 2.953" | 0.787" | 1.102" |
| HK0.C40.1/8z3543.HC3 | CAT40 HC1/8'' 090 SLIM 2.5G 25000SL | 1/8'' | 0.433" | 0.587" | 1.811" | — | 3.543" | 0.984" | 1.102" |
| HK0.C40.1/8z5315.HC3 | CAT40 HC1/8'' 135 SLIM 2.5G 25000SL | 1/8'' | 0.433" | 0.783" | 1.811" | — | 5.315" | 2.717" | 1.102" |
| HK0.C40.3/16z2953.HC3 | CAT40 HC3/16'' 075 SLIM 2.5G 25000SL | 3/16'' | 0.433" | 0.551" | 1.811" | — | 2.953" | 0.787" | 1.102" |
| HK0.C40.3/16z3543.HC3 | CAT40 HC3/16'' 090 SLIM 2.5G 25000SL | 3/16'' | 0.433" | 0.587" | 1.811" | — | 3.543" | 0.984" | 1.102" |
| HK0.C40.3/16z5315.HC3 | CAT40 HC3/16'' 135 SLIM 2.5G 25000SL | 3/16'' | 0.433" | 0.783" | 1.811" | — | 5.315" | 2.717" | 1.102" |
| HK0.C40.1/4z3543.HC3 | CAT40 HC1/4'' 090 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 0.669" | 1.811" | M5 | 3.543" | 0.984" | 1.457" |
| HK0.C40.1/4z5315.HC3 | CAT40 HC1/4'' 135 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 0.862" | 1.811" | M5 | 5.315" | 2.717" | 1.457" |
| HK0.C40.1/4z5906.HC3 | CAT40 HC1/4'' 150 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 0.921" | 1.811" | M5 | 5.906" | 3.307" | 1.457" |
| HK0.C40.1/4z6496.HC3 | CAT40 HC1/4'' 165 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 0.984" | 1.811" | M5 | 6.496" | 3.898" | 1.457" |
| HK0.C40.1/4z7087.HC3 | CAT40 HC1/4'' 180 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 1.051" | 1.811" | M5 | 7.087" | 4.488" | 1.457" |
| HK0.C40.5/16z3543.HC3 | CAT40 HC5/16'' 090 SLIM 2.5G 25000SL | 5/16'' | 0.591" | 0.748" | 1.811" | M6 | 3.543" | 0.984" | 1.457" |
| HK0.C40.5/16z5315.HC3 | CAT40 HC5/16'' 135 SLIM 2.5G 25000SL | 5/16'' | 0.591" | 0.941" | 1.811" | M6 | 5.315" | 2.717" | 1.457" |
| HK0.C40.5/16z5906.HC3 | CAT40 HC5/16'' 150 SLIM 2.5G 25000SL | 5/16'' | 0.591" | 1." | 1.811" | M6 | 5.906" | 3.307" | 1.457" |
| HK0.C40.5/16z6496.HC3 | CAT40 HC5/16'' 165 SLIM 2.5G 25000SL | 5/16'' | 0.591" | 1.063" | 1.811" | M6 | 6.496" | 3.898" | 1.457" |
| HK0.C40.5/16z7087.HC3 | CAT40 HC5/16'' 180 SLIM 2.5G 25000SL | 5/16'' | 0.591" | 1.13" | 1.811" | M6 | 7.087" | 4.488" | 1.457" |
| HK0.C40.3/8z4134.HC3 | CAT40 HC3/8'' 105 SLIM 2.5G 25000SL | 3/8'' | 0.669" | 0.89" | 1.811" | M8 | 4.134" | 1.535" | 1.614" |
| HK0.C40.3/8z5315.HC3 | CAT40 HC3/8'' 135 SLIM 2.5G 25000SL | 3/8'' | 0.669" | 1.02" | 1.811" | M8 | 5.315" | 2.717" | 1.614" |

# CAT 40 (ANSI B 5.50)
# Hydraulic Expansion Chuck Slim 3 Degree

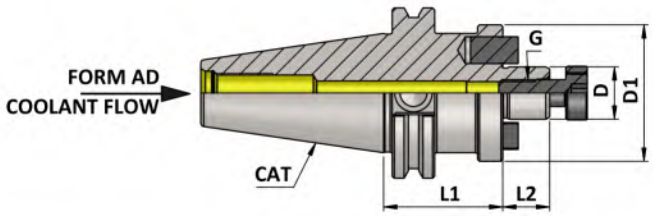
Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**INCH**

| CAT 40 (ANSI B 5.50) Hydraulic Expansion Chuck Slim 3 Degree | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Product Code | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 |
| HK0.C40.3/8z5906.HC3 | CAT40 HC3/8'' 150 SLIM 2.5G 25000SL | 3/8'' | 0.669" | 1.079" | 1.811" | M8 | 5.906" | 3.307" | 1.614" |
| HK0.C40.3/8z6496.HC3 | CAT40 HC3/8'' 165 SLIM 2.5G 25000SL | 3/8'' | 0.669" | 1.142" | 1.811" | M8 | 6.496" | 3.898" | 1.614" |
| HK0.C40.3/8z7087.HC3 | CAT40 HC3/8'' 180 SLIM 2.5G 25000SL | 3/8'' | 0.669" | 1.209" | 1.811" | M8 | 7.087" | 4.488" | 1.614" |
| HK0.C40.1/2z4134.HC3 | CAT40 HC1/2'' 105 SLIM 2.5G 25000SL | 1/2'' | 0.748" | 0.969" | 1.811" | M8 | 4.134" | 1.535" | 1.811" |
| HK0.C40.1/2z5315.HC3 | CAT40 HC1/2'' 135 SLIM 2.5G 25000SL | 1/2'' | 0.748" | 1.098" | 1.811" | M8 | 5.315" | 2.717" | 1.811" |
| HK0.C40.1/2z5906.HC3 | CAT40 HC1/2'' 150 SLIM 2.5G 25000SL | 1/2'' | 0.748" | 1.157" | 1.811" | M8 | 5.906" | 3.307" | 1.811" |
| HK0.C40.1/2z6496.HC3 | CAT40 HC1/2'' 165 SLIM 2.5G 25000SL | 1/2'' | 0.748" | 1.22" | 1.811" | M8 | 6.496" | 3.898" | 1.811" |
| HK0.C40.1/2z7087.HC3 | CAT40 HC1/2'' 180 SLIM 2.5G 25000SL | 1/2'' | 0.748" | 1.287" | 1.811" | M8 | 7.087" | 4.488" | 1.811" |
| HK0.C40.5/8z5315.HC3 | CAT40 HC5/8'' 135 SLIM 2.5G 25000SL | 5/8'' | 0.906" | 1.256" | 2.067" | M12 | 5.315" | 2.717" | 1.929" |
| HK0.C40.5/8z6496.HC3 | CAT40 HC5/8'' 165 SLIM 2.5G 25000SL | 5/8'' | 0.906" | 1.378" | 2.067" | M12 | 6.496" | 3.898" | 1.929" |
| HK0.C40.5/8z7087.HC3 | CAT40 HC5/8'' 180 SLIM 2.5G 25000SL | 5/8'' | 0.906" | 1.441" | 2.067" | M12 | 7.087" | 4.488" | 1.929" |
| HK0.C40.3/4z5315.HC3 | CAT40 HC3/4'' 135 SLIM 2.5G 25000SL | 3/4'' | 1.102" | 1.453" | 2.362" | M16 | 5.315" | 2.717" | 2.008" |
| HK0.C40.3/4z6496.HC3 | CAT40 HC3/4'' 165 SLIM 2.5G 25000SL | 3/4'' | 1.102" | 1.575" | 2.362" | M16 | 6.496" | 3.898" | 2.008" |
| HK0.C40.3/4z7087.HC3 | CAT40 HC3/4'' 180 SLIM 2.5G 25000SL | 3/4'' | 1.102" | 1.638" | 2.362" | M16 | 7.087" | 4.488" | 2.008" |
| HK0.C40.1z5315.HC3 | CAT40 HC 1.0'' 135 SLIM 2.5G 25000SL | 1.0'' | 1.457" | 1.807" | 2.362" | M16 | 5.315" | 2.717" | 2.008" |
| HK0.C40.1z6496.HC3 | CAT40 HC 1.0'' 165 SLIM 2.5G 25000SL | 1.0'' | 1.457" | 1.929" | 2.362" | M16 | 6.496" | 3.898" | 2.008" |
| HK0.C40.1z7087.HC3 | CAT40 HC 1.0'' 180 SLIM 2.5G 25000SL | 1.0'' | 1.457" | 1.992" | 2.362" | M16 | 7.087" | 4.488" | 2.008" |

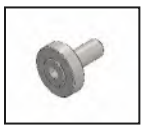
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**INCH**

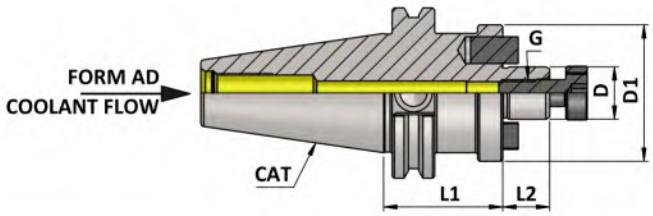
| CAT 40 (ANSI B 5.50) FMH | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| Product Code | Item Name | D | D1 | L1 | L2 | G |
| HK0.C40.3/4z13/4.FMS.AD | CAT40 FMH 3/4'' 1 3/4'' AD/2.5G 25000 SL | 3/4" | 2" | 1 3/4" | 0.687" | 3/8"-24 UNF-2B x 1.0" |
| HK0.C40.3/4z25.FMS.AD | CAT40 FMH 3/4'' 2.5'' AD/2.5G 25000 SL | 3/4" | 2" | 2.5" | 0.687" | 3/8"-24 UNF-2B x 1.0" |
| HK0.C40.3/4z4.FMS.AD | CAT40 FMH 3/4'' 4.0'' AD/2.5G 25000 SL | 3/4" | 2" | 4.0" | 0.687" | 3/8"-24 UNF-2B x 1.0" |
| HK0.C40.3/4z6.FMS.AD | CAT40 FMH 3/4'' 6.0'' AD/2.5G 25000 SL | 3/4" | 2" | 6.0" | 0.687" | 3/8"-24 UNF-2B x 1.0" |
| HK0.C40.1z2.FMS.AD | CAT40 FMH 1.0' 2.0'' AD/2.5G 25000SL | 1.0" | 2.375" | 2.0" | 0.687" | 1/2"-20 UNF-2B x 1 1/4" |
| HK0.C40.1z4.FMS.AD | CAT40 FMH 1.0'' 4.0'' AD/2.5G 25000 SL | 1.0" | 2.375" | 4.0" | 0.687" | 1/2"-20 UNF-2B x 1 1/4" |
| HK0.C40.1z6.FMS.AD | CAT40 FMH 1.0'' 6.0'' AD/2.5G 25000 SL | 1.0" | 2.375" | 6.0" | 0.687" | 1/2"-20 UNF-2B x 1 1/4" |
| HK0.C40.11/4z2.FMS.AD | CAT40 FMH 1 1/4'' 2.0'' AD/2.5G 25000 SL | 1 1/4" | 2.875" | 2.0" | 0.687" | 5/8"-18 UNF-2B x 1 1/4" |
| HK0.C40.11/4z221.FMS.AD | CAT40 FMH 1 1/4'' 2.21'' AD/2.5G 25000 SL | 1 1/4" | 2.875" | 2.21" | 0.687" | 5/8"-18 UNF-2B x 1 1/4" |
| HK0.C40.11/4z4.FMS.AD | CAT40 FMH 1 1/4'' 4.0'' AD/2.5G 25000 SL | 1 1/4" | 2.875" | 4.0" | 0.687" | 5/8"-18 UNF-2B x 1 1/4" |
| HK0.C40.11/4z6.FMS.AD | CAT40 FMH 1 1/4'' 6.0'' AD/2.5G 25000 SL | 1 1/4" | 2.875" | 6.0" | 0.687" | 5/8"-18 UNF-2B x 1 1/4" |
| HK0.C40.11/2z2.FMS.AD | CAT40 FMH 1 1/2'' 2.0'' AD/2.5G 25000 SL | 1 1/2" | 3.75" | 2.0" | 0.938" | 3/4"-16 UNF-2B x 1 1/2" |
| HK0.C40.11/2z221.FMS.AD | CAT40 FMH 1 1/2'' 2.21'' AD/2.5G 25000 SL | 1 1/2" | 3.75" | 2.21" | 0.938" | 3/4"-16 UNF-2B x 1 1/2" |
| HK0.C40.11/2z4.FMS.AD | CAT40 FMH 1 1/2'' 4.0'' AD/2.5G 25000 SL | 1 1/2" | 3.75" | 4.0" | 0.938" | 3/4"-16 UNF-2B x 1 1/2" |

## Accessories:



FMH / CSMA CLAMPING SCREW

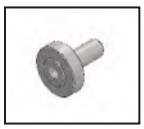
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| CAT 40 (ANSI B 5.50) FMH | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.C40.16m45.FMS.AD | CAT40 FMH16 045 AD/2.5G 25000 SL | 16 | 38 | 45 | 17 | M8 x 1.25P |
| HK0.C40.16m100.FMS.AD | CAT40 FMH16 100 AD/2.5G 25000 SL | 16 | 38 | 100 | 17 | M8 x 1.25P |
| HK0.C40.16m130.FMS.AD | CAT40 FMH16 130 AD/2.5G 25000 SL | 16 | 38 | 130 | 17 | M8 x 1.25P |
| HK0.C40.16m160.FMS.AD | CAT40 FMH16 160 AD/2.5G 25000 SL | 16 | 38 | 160 | 17 | M8 x 1.25P |
| HK0.C40.22m45.FMS.AD | CAT40 FMH22 045 AD/2.5G 25000 SL | 22 | 48 | 45 | 19 | M10 x 1.5P |
| HK0.C40.22m100.FMS.AD | CAT40 FMH22 100 AD/2.5G 25000 SL | 22 | 48 | 100 | 19 | M10 x 1.5P |
| HK0.C40.22m130.FMS.AD | CAT40 FMH22 130 AD/2.5G 25000 SL | 22 | 48 | 130 | 19 | M10 x 1.5P |
| HK0.C40.22m160.FMS.AD | CAT40 FMH22 160 AD/2.5G 25000 SL | 22 | 48 | 160 | 19 | M10 x 1.5P |
| HK0.C40.27m50.FMS.AD | CAT40 FMH27 050 AD/2.5G 25000 SL | 27 | 58 | 50 | 21 | M12 x 1.75P |
| HK0.C40.27m100.FMS.AD | CAT40 FMH27 100 AD/2.5G 25000 SL | 27 | 58 | 100 | 21 | M12 x 1.75P |
| HK0.C40.27m130.FMS.AD | CAT40 FMH27 130 AD/2.5G 25000 SL | 27 | 58 | 130 | 21 | M12 x 1.75P |
| HK0.C40.27m160.FMS.AD | CAT40 FMH27 160 AD/2.5G 25000 SL | 27 | 58 | 160 | 21 | M12 x 1.75P |
| HK0.C40.32m55.FMS.AD | CAT40 FMH32 055 AD/2.5G 25000 SL | 32 | 78 | 55 | 24 | M16 x 2P |
| HK0.C40.32m100.FMS.AD | CAT40 FMH32 100 AD/2.5G 25000 SL | 32 | 78 | 100 | 24 | M16 x 2P |
| HK0.C40.32m130.FMS.AD | CAT40 FMH32 130 AD/2.5G 25000 SL | 32 | 78 | 130 | 24 | M16 x 2P |
| HK0.C40.32m160.FMS.AD | CAT40 FMH32 160 AD/2.5G 25000 SL | 32 | 78 | 160 | 24 | M16 x 2P |
| HK0.C40.40m55.FMS.AD | CAT40 FMH40 055 AD/2.5G 25000 SL | 40 | 88 | 55 | 27 | M20 x 2.5P |
| HK0.C40.40m100.FMS.AD | CAT40 FMH40 100 AD/2.5G 25000 SL | 40 | 88 | 100 | 27 | M20 x 2.5P |
| HK0.C40.40m130.FMS.AD | CAT40 FMH40 130 AD/2.5G 25000 SL | 40 | 88 | 130 | 27 | M20 x 2.5P |
| HK0.C40.40m160.FMS.AD | CAT40 FMH40 160 AD/2.5G 25000 SL | 40 | 88 | 160 | 27 | M20 x 2.5P |

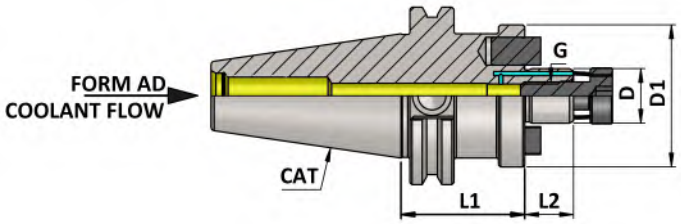
## Accessories:



FMH / CSMA CLAMPING SCREW

# CAT 40 (ANSI B 5.50) Face Mill Holder (Through Coolant ) FMH-K

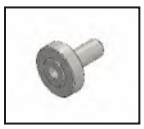
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**INCH**

| CAT 40 (ANSI B 5.50) FMH-K | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.C40.3/4z13/4.FMK.AD | CAT40 FMH-K3/4'' 1 3/4'' AD/2.5G 25000 SL | 3/4" | 2" | 1 3/4" | 0.687" | 3/8"-24 UNF-2B x 1.0" |
| HK0.C40.3/4z35.FMK.AD | CAT40 FMH-K3/4'' 2.5'' AD/2.5G 25000 SL | 3/4" | 2" | 3.5" | 0.687" | 3/8"-24 UNF-2B x 1.0" |
| HK0.C40.3/4z55.FMK.AD | CAT40 FMH-K3/4'' 4.0'' AD/2.5G 25000 SL | 3/4" | 2" | 5.5" | 0.687" | 3/8"-24 UNF-2B x 1.0" |
| HK0.C40.3/4z2.FMK.AD | CAT40 FMH-K3/4'' 6.0'' AD/2.5G 25000 SL | 3/4" | 2" | 2.0" | 0.687" | 3/8"-24 UNF-2B x 1.0" |
| HK0.C40.1z4.FMK.AD | CAT40 FMH-K1.0'' 2.0'' AD/2.5G 25000 SL | 1.0" | 2.375" | 4.0" | 0.687" | 1/2"-20 UNF-2B x 1 1/4" |
| HK0.C40.1z6.FMK.AD | CAT40 FMH-K1.0'' 4.0'' AD/2.5G 25000 SL | 1.0" | 2.375" | 6.0" | 0.687" | 1/2"-20 UNF-2B x 1 1/4" |
| HK0.C40.1z6.FMK.AD | CAT40 FMH-K1.0'' 6.0'' AD/2.5G 25000 SL | 1.0" | 2.375" | 6.0" | 0.687" | 1/2"-20 UNF-2B x 1 1/4" |
| HK0.C40.11/4z2.FMK.AD | CAT40 FMH-K1-1/4'' 2.0'' AD/2.5G 25000 SL | 1 1/4" | 2.875" | 2.0" | 0.687" | 5/8"-18 UNF-2B x 1 1/4" |
| HK0.C40.11/4z221.FMK.AD | CAT40 FMH-K1-1/4'' 2.21'' AD/2.5G 25000 SL | 1 1/4" | 2.875" | 2.21" | 0.687" | 5/8"-18 UNF-2B x 1 1/4" |
| HK0.C40.11/4z4.FMK.AD | CAT40 FMH-K1-1/4'' 4.0'' AD/2.5G 25000 SL | 1 1/4" | 2.875" | 4.0" | 0.687" | 5/8"-18 UNF-2B x 1 1/4" |
| HK0.C40.11/4z6.FMK.AD | CAT40 FMH-K1-1/4'' 6.0'' AD/2.5G 25000 SL | 1 1/4" | 2.875" | 6.0" | 0.938" | 5/8"-18 UNF-2B x 1 1/4" |
| HK0.C40.11/2z2.FMK.AD | CAT40 FMH-K1-1/2'' 2.0'' AD/2.5G 25000 SL | 1 1/2" | 3.75" | 2.0" | 0.938" | 3/4"-16 UNF-2B x 1 1/2" |
| HK0.C40.11/2z221.FMK.AD | CAT40 FMH-K1-1/2'' 2.21'' AD/2.5G 25000 SL | 1 1/2" | 3.75" | 2.21" | 0.938" | 3/4"-16 UNF-2B x 1 1/2" |
| HK0.C40.11/2z4.FMK.AD | CAT40 FMH-K1-1/2'' 4.0'' AD/2.5G 25000 SL | 1 1/2" | 3.75" | 4.0" | 0.938" | 3/4"-16 UNF-2B x 1 1/2" |

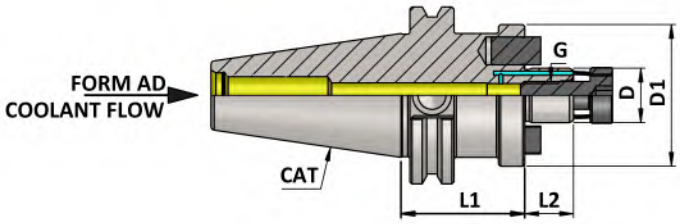
## Accessories:



FMH / CSMA CLAMPING SCREW

# CAT 40 (ANSI B 5.50) Face Mill Holder (Through Coolant ) FMH-K

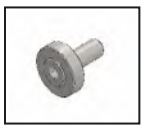
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| CAT 40 (ANSI B 5.50) FMH-K | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.C40.16m45.FMK.AD | CAT40 FMH-K16 045 AD/2.5G 25000 SL | 16 | 38 | 45 | 17 | M8 x 1.25P |
| HK0.C40.16m100.FMK.AD | CAT40 FMH-K16 100 AD/2.5G 25000 SL | 16 | 38 | 100 | 17 | M8 x 1.25P |
| HK0.C40.16m130.FMK.AD | CAT40 FMH-K16 130 AD/2.5G 25000 SL | 16 | 38 | 130 | 17 | M8 x 1.25P |
| HK0.C40.16m160.FMK.AD | CAT40 FMH-K16 160 AD/2.5G 25000 SL | 16 | 38 | 160 | 17 | M8 x 1.25P |
| HK0.C40.22m45.FMK.AD | CAT40 FMH-K22 045 AD/2.5G 25000 SL | 22 | 48 | 45 | 19 | M10 x 1.5P |
| HK0.C40.22m100.FMK.AD | CAT40 FMH-K22 100 AD/2.5G 25000 SL | 22 | 48 | 100 | 19 | M10 x 1.5P |
| HK0.C40.22m130.FMK.AD | CAT40 FMH-K22 130 AD/2.5G 25000 SL | 22 | 48 | 130 | 19 | M10 x 1.5P |
| HK0.C40.22m160.FMK.AD | CAT40 FMH-K22 160 AD/2.5G 25000 SL | 22 | 48 | 160 | 19 | M10 x 1.5P |
| HK0.C40.27m50.FMK.AD | CAT40 FMH-K27 050 AD/2.5G 25000 SL | 27 | 58 | 50 | 21 | M12 x 1.75P |
| HK0.C40.27m100.FMK.AD | CAT40 FMH-K27 100 AD/2.5G 25000 SL | 27 | 58 | 100 | 21 | M12 x 1.75P |
| HK0.C40.27m130.FMK.AD | CAT40 FMH-K27 130 AD/2.5G 25000 SL | 27 | 58 | 130 | 21 | M12 x 1.75P |
| HK0.C40.27m160.FMK.AD | CAT40 FMH-K27 160 AD/2.5G 25000 SL | 27 | 58 | 160 | 21 | M12 x 1.75P |
| HK0.C40.32m55.FMK.AD | CAT40 FMH-K32 055 AD/2.5G 25000 SL | 32 | 78 | 55 | 24 | M16 x 2P |
| HK0.C40.32m100.FMK.AD | CAT40 FMH-K32 100 AD/2.5G 25000 SL | 32 | 78 | 100 | 24 | M16 x 2P |
| HK0.C40.32m130.FMK.AD | CAT40 FMH-K32 130 AD/2.5G 25000 SL | 32 | 78 | 130 | 24 | M16 x 2P |
| HK0.C40.32m160.FMK.AD | CAT40 FMH-K32 160 AD/2.5G 25000 SL | 32 | 78 | 160 | 24 | M16 x 2P |
| HK0.C40.40m55.FMK.AD | CAT40 FMH-K40 055 AD/2.5G 25000 SL | 40 | 88 | 55 | 27 | M20 x 2.5P |
| HK0.C40.40m100.FMK.AD | CAT40 FMH-K40 100 AD/2.5G 25000 SL | 40 | 88 | 100 | 27 | M20 x 2.5P |
| HK0.C40.40m130.FMK.AD | CAT40 FMH-K40 130 AD/2.5G 25000 SL | 40 | 88 | 130 | 27 | M20 x 2.5P |
| HK0.C40.40m160.FMK.AD | CAT40 FMH-K40 160 AD/2.5G 25000 SL | 40 | 88 | 160 | 27 | M20 x 2.5P |

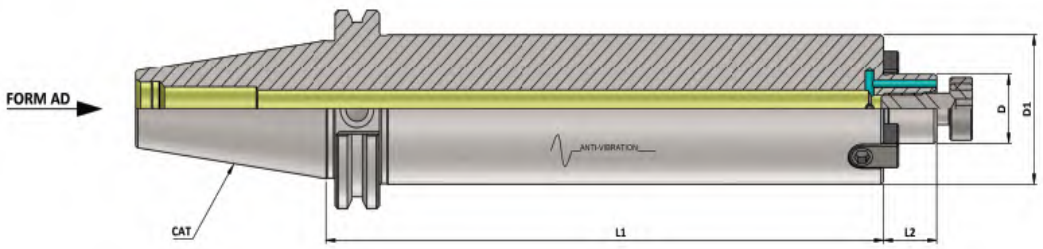
## Accessories:



FMH / CSMA CLAMPING SCREW

# CAT 40 (ANSI B 5.50) Face Mill Holder
# Anti - Vibration (FMH-K AD/AV) (DIN 6357)

Maximum Run out of the External diameter with respect to the External Taper 0.010 mm




**METRIC**

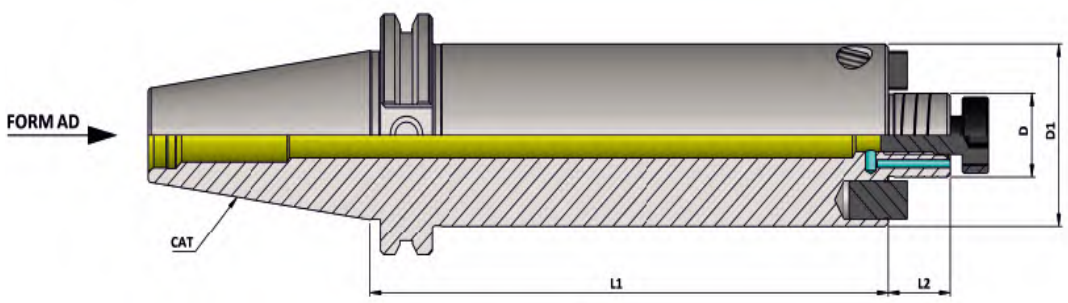
| CAT 40 (ANSI B 5.50) (FMH-K - AD/AV) | | | | | | |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | | | | D | D1 | L1 | L2 |
| HK0.C40.16m200.FMV.ADAV | CAT40 | FMH-K16 | 200 | AD/AV | 16 | 38 | 200 | 17 |
| HK0.C40.16m250.FMV.ADAV | CAT40 | FMH-K16 | 250 | AD/AV | 16 | 38 | 250 | 17 |
| HK0.C40.16m300.FMV.ADAV | CAT40 | FMH-K16 | 300 | AD/AV | 16 | 38 | 300 | 17 |
| HK0.C40.22m200.FMV.ADAV | CAT40 | FMH-K22 | 200 | AD/AV | 22 | 48 | 200 | 19 |
| HK0.C40.22m250.FMV.ADAV | CAT40 | FMH-K22 | 250 | AD/AV | 22 | 48 | 250 | 19 |
| HK0.C40.22m300.FMV.ADAV | CAT40 | FMH-K22 | 300 | AD/AV | 22 | 48 | 300 | 19 |
| HK0.C40.27m200.FMV.ADAV | CAT40 | FMH-K27 | 200 | AD/AV | 27 | 58 | 200 | 21 |
| HK0.C40.27m250.FMV.ADAV | CAT40 | FMH-K27 | 250 | AD/AV | 27 | 58 | 250 | 21 |
| HK0.C40.27m300.FMV.ADAV | CAT40 | FMH-K27 | 300 | AD/AV | 27 | 58 | 300 | 21 |
| HK0.C40.32m200.FMV.ADAV | CAT40 | FMH-K32 | 200 | AD/AV | 32 | 78 | 200 | 24 |
| HK0.C40.32m250.FMV.ADAV | CAT40 | FMH-K32 | 250 | AD/AV | 32 | 78 | 250 | 24 |
| HK0.C40.32m300.FMV.ADAV | CAT40 | FMH-K32 | 300 | AD/AV | 32 | 78 | 300 | 24 |
| HK0.C40.40m200.FMV.ADAV | CAT40 | FMH-K40 | 200 | AD/AV | 40 | 88 | 200 | 27 |
| HK0.C40.40m250.FMV.ADAV | CAT40 | FMH-K40 | 250 | AD/AV | 40 | 88 | 250 | 27 |
| HK0.C40.40m300.FMV.ADAV | CAT40 | FMH-K40 | 300 | AD/AV | 40 | 88 | 300 | 27 |

**INCH**

| CAT 40 (ANSI B 5.50) (FMH-K - AD/AV) | | | | | | |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | | | | D | D1 | L1 | L2 |
| HK0.C40.3/4z7874.FMV.ADAV | CAT40 | FMH-K3/4'' | 200 | AD/AV | 3/4" | 2.0" | 7.874" | 0.687" |
| HK0.C40.3/4z9843.FMV.ADAV | CAT40 | FMH-K3/4'' | 250 | AD/AV | 3/4" | 2.0" | 9.843" | 0.687" |
| HK0.C40.3/4z11811.FMV.ADAV | CAT40 | FMH-K3/4'' | 300 | AD/AV | 3/4" | 2.0" | 11.811" | 0.687" |
| HK0.C40.1z7874.FMV.ADAV | CAT40 | FMH-K1.0'' | 200 | AD/AV | 1.0" | 2.375" | 7.874" | 0.687" |
| HK0.C40.1z9843.FMV.ADAV | CAT40 | FMH-K1.0'' | 250 | AD/AV | 1.0" | 2.375" | 9.843" | 0.687" |
| HK0.C40.1z11811.FMV.ADAV | CAT40 | FMH-K1.0'' | 300 | AD/AV | 1.0" | 2.375" | 11.811" | 0.687" |
| HK0.C40.11/4z7874.FMV.ADAV | CAT40 | FMH-K1-1/4'' | 200 | AD/AV | 1-1/4" | 2.875" | 7.874" | 0.687" |
| HK0.C40.11/4z9843.FMV.ADAV | CAT40 | FMH-K1-1/4'' | 250 | AD/AV | 1-1/4" | 2.875" | 9.843" | 0.687" |
| HK0.C40.11/4z11811.FMV.ADAV | CAT40 | FMH-K1-1/4'' | 300 | AD/AV | 1-1/4" | 2.875" | 11.811" | 0.687" |
| HK0.C40.11/2z7874.FMV.ADAV | CAT40 | FMH-K1-1/2'' | 200 | AD/AV | 1-1/2" | 3.750" | 7.874" | 0.938" |
| HK0.C40.11/2z9843.FMV.ADAV | CAT40 | FMH-K1-1/2'' | 250 | AD/AV | 1-1/2" | 3.750" | 9.843" | 0.938" |
| HK0.C40.11/2z11811.FMV.ADAV | CAT40 | FMH-K1-1/2'' | 300 | AD/AV | 1-1/2" | 3.750" | 11.811" | 0.938" |

# CAT 40 (ANSI B 5.50) Hydraulic Expansion Face Mill Holder (HC-FMH-K)

Maximum Run out of the External diameter with respect to the External Taper 0.005 mm



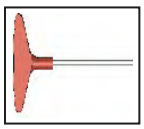

**INCH**

| CAT 40 (ANSI-B 5.50) Hydraulic Expansion Face Mill Holder (HC-FMH-K) | | | | | |
|---|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D** | **D1** | **L1** | **L2** |
| HK0.C40.1z2.FMH.AD | CAT40 HC FMH-K 1.0'' X2.0'' AD/ 2.5G 25000 SL | 1.0'' | 2.375" | 2.0'' | 0.687" |
| HK0.C40.1z4.FMH.AD | CAT40 HC FMH-K1.0'' 4.0'' AD/ 2.5G 25000 SL | 1.0'' | 2.375" | 4.0" | 0.687" |
| HK0.C40.1z6.FMH.AD | CAT40 HC FMH-K1.0'' 6.0'' AD/ 2.5G 25000 SL | 1.0'' | 2.375" | 6.0" | 0.687" |
| HK0.C40.11/4z2.FMH.AD | CAT40HCFMH-K1 1/4'' X2.0'' AD/2.5G25000SL | 1 1/4'' | 2.875" | 2.0'' | 0.687" |
| HK0.C40.11/4z4.FMH.AD | CAT40 HC FMH-K1 1/4'' 4.0'' AD/ 2.5G 25000 SL | 1 1/4'' | 2.875" | 4.0" | 0.687" |
| HK0.C40.11/4z6.FMH.AD | CAT40 HC FMH-K1 1/4'' 6.0'' AD/ 2.5G 25000 SL | 1 1/4'' | 2.875" | 6.0" | 0.687" |
| HK0.C40.11/2z2.FMH.AD | CAT40HCFMH-K1 1/2'' X2.0'' AD/2.5G25000SL | 1 1/2'' | 3.750" | 2.0'' | 0.938" |
| HK0.C40.11/2z4.FMH.AD | CAT40 HC FMH-K1 1/2'' 4.0'' AD/ 2.5G 25000 SL | 1 1/2'' | 3.750" | 4.0" | 0.938" |
| HK0.C40.11/2z6.FMH.AD | CAT40 HC FMH-K1 1/2'' 6.0'' AD/ 2.5G 25000 SL | 1 1/2'' | 3.750" | 6.0" | 0.938" |

**METRIC**

| CAT 40 (ANSI-B 5.50) Hydraulic Expansion Face Mill Holder (HC-FMH-K) | | | | | |
|---|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D** | **D1** | **L1** | **L2** |
| HK0.C40.22m45.FMH.AD | CAT40 HC FMH-K22 045 AD/ 2.5G 25000 SL | 22 | 48 | 45 | 19 |
| HK0.C40.22m100.FMH.AD | CAT40 HC FMH-K22 100 AD/ 2.5G 25000 SL | 22 | 48 | 100 | 19 |
| HK0.C40.22m160.FMH.AD | CAT40 HC FMH-K22 160 AD/ 2.5G 25000 SL | 22 | 48 | 160 | 19 |
| HK0.C40.27m50.FMH.AD | CAT40 HC FMH-K27 050 AD/ 2.5G 25000 SL | 27 | 50 | 50 | 21 |
| HK0.C40.27m100.FMH.AD | CAT40 HC FMH-K27 100 AD/ 2.5G 25000 SL | 27 | 50 | 100 | 21 |
| HK0.C40.27m160.FMH.AD | CAT40 HC FMH-K27 160 AD/ 2.5G 25000 SL | 27 | 50 | 160 | 21 |
| HK0.C40.32m55.FMH.AD | CAT40 HC FMH-K32 055 AD/ 2.5G 25000 SL | 32 | 78 | 55 | 24 |
| HK0.C40.32m100.FMH.AD | CAT40 HC FMH-K32 100 AD/ 2.5G 25000 SL | 32 | 78 | 100 | 24 |
| HK0.C40.32m160.FMH.AD | CAT40 HC FMH-K32 160 AD/ 2.5G 25000 SL | 32 | 78 | 160 | 24 |
| HK0.C40.40m55.FMH.AD | CAT40 HC FMH-K40 055 AD/ 2.5G 25000 SL | 40 | 88 | 55 | 27 |
| HK0.C40.40m100.FMH.AD | CAT40 HC FMH-K40 100 AD/ 2.5G 25000 SL | 40 | 88 | 100 | 27 |
| HK0.C40.40m160.FMH.AD | CAT40 HC FMH-K40 160 AD/ 2.5G 25000 SL | 40 | 88 | 160 | 27 |

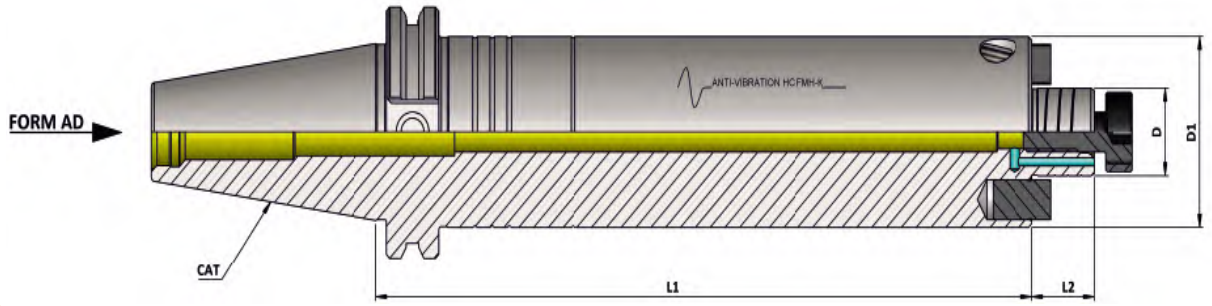
## Accessories:



KEY HC 5MM

# CAT 40 (ANSI B 5.50) Hydraulic Expansion Face Mill Holder Anti - Vibration (HC-FMH-K AD/AV)

Maximum Run out of the External diameter with respect to the External Taper 0.010 mm



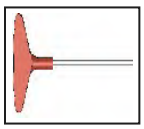

**INCH**

| CAT 40 (ANSI-B 5.50) Hydraulic Expansion Face Mill Holder (HC-FMH-K - AD/AV) | | | | | |
|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 |
| HK0.C40.1z200.FKV.ADAV | CAT40 HC FMH-K1.0'' 200 AD/AV | 1.0'' | 2.375" | 200 | 0.687" |
| HK0.C40.1z250.FKV.ADAV | CAT40 HC FMH-K1.0'' 250 AD/AV | 1.0'' | 2.375" | 250 | 0.687" |
| HK0.C40.1z300.FKV.ADAV | CAT40 HC FMH-K1.0'' 300 AD/AV | 1.0'' | 2.375" | 300 | 0.687" |
| HK0.C40.11/4z7874.FKV.ADAV | CAT40 HC FMH-K1 1/4'' 200 AD/AV | 1 1/4'' | 2.875" | 7.874" | 0.687" |
| HK0.C40.11/4z9843.FKV.ADAV | CAT40 HC FMH-K1 1/4'' 250 AD/AV | 1 1/4'' | 2.875" | 9.843" | 0.687" |
| HK0.C40.11/4z11811.FKV.ADAV | CAT40 HC FMH-K1 1/4'' 300 AD/AV | 1 1/4'' | 2.875" | 11.811" | 0.687" |
| HK0.C40.11/2z7874.FKV.ADAV | CAT40 HC FMH-K1 1/2'' 200 AD/AV | 1 1/2'' | 3.750" | 7.874" | 0.938" |
| HK0.C40.11/2z9843.FKV.ADAV | CAT40 HC FMH-K1 1/2'' 250 AD/AV | 1 1/2'' | 3.750" | 9.843" | 0.938" |
| HK0.C40.11/2z11811.FKV.ADAV | CAT40 HC FMH-K1 1/2'' 300 AD/AV | 1 1/2'' | 3.750" | 11.811" | 0.938" |

**METRIC**

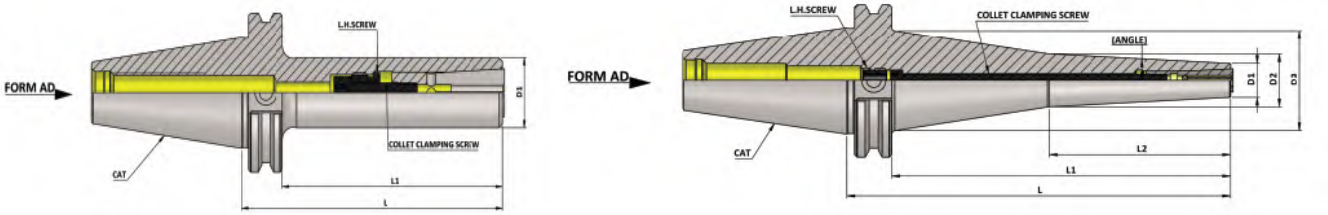
| CAT 40 (ANSI-B 5.50) Hydraulic Expansion Face Mill Holder (HC-FMH-K - AD/AV) | | | | | |
|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 |
| HK0.C40.22m200.FKV.ADAV | CAT40 HC FMH-K22 200 AD/AV | 22 | 48 | 200 | 19 |
| HK0.C40.22m250.FKV.ADAV | CAT40 HC FMH-K22 250 AD/AV | 22 | 48 | 250 | 19 |
| HK0.C40.22m300.FKV.ADAV | CAT40 HC FMH-K22 300 AD/AV | 22 | 48 | 300 | 19 |
| HK0.C40.27m200.FKV.ADAV | CAT40 HC FMH-K27 200 AD/AV | 27 | 50 | 200 | 21 |
| HK0.C40.27m250.FKV.ADAV | CAT40 HC FMH-K27 250 AD/AV | 27 | 50 | 250 | 21 |
| HK0.C40.27m300.FKV.ADAV | CAT40 HC FMH-K27 300 AD/AV | 27 | 50 | 300 | 21 |
| HK0.C40.32m200.FKV.ADAV | CAT40 HC FMH-K32 200 AD/AV | 32 | 78 | 200 | 24 |
| HK0.C40.32m250.FKV.ADAV | CAT40 HC FMH-K32 250 AD/AV | 32 | 78 | 250 | 24 |
| HK0.C40.32m300.FKV.ADAV | CAT40 HC FMH-K32 300 AD/AV | 32 | 78 | 300 | 24 |
| HK0.C40.40m200.FKV.ADAV | CAT40 HC FMH-K40 200 AD/AV | 40 | 88 | 200 | 27 |
| HK0.C40.40m250.FKV.ADAV | CAT40 HC FMH-K40 250 AD/AV | 40 | 88 | 250 | 27 |
| HK0.C40.40m300.FKV.ADAV | CAT40 HC FMH-K40 300 AD/AV | 40 | 88 | 300 | 27 |

## Accessories:



KEY HC 5MM

Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm



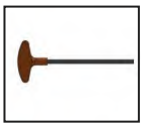

**INCH**

| CAT 40 (ANSI B 5.50) (DMC) | | | | | | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | GRIPPING RANGE | D1 | D2 | D3 | L | L1 | L2 | ANGLE | SUITABLE COLLET | SCREW | ALLEN KEY |
| HK0.C40.0551z2362.DMC.AD | CAT40 DMC 06 060 AD 2.5G 25000 SL | 3-6 | 0.551" | 0.657" | – | 2.362" | 1.612" | 1.024" | 0.118" | DMC-6 | M5 | 4X200 |
| HK0.C40.0551z3543.DMC.AD | CAT40 DMC 06 090 AD 2.5G 25000 SL | 3-6 | 0.551" | 0.736" | 1.378" | 3.543" | 2.793" | 1.772" | 0.118" | DMC-6 | M5 | 4X200 |
| HK0.C40.0551z4724.DMC.AD | CAT40 DMC 06 120 AD 2.5G 25000 SL | 3-6 | 0.551" | 0.795" | 1.575" | 4.724" | 3.974" | 2.362" | 0.118" | DMC-6 | M5 | 4X200 |
| HK0.C40.0551z6299.DMC.AD | CAT40 DMC 06 160 AD 2.5G 25000 SL | 3-6 | 0.551" | 0.862" | 1.772" | 6.299" | 5.549" | 2.992" | 0.118" | DMC-6 | M5 | 4X200 |
| HK0.C40.0866z3543.DMC.AD | CAT40 DMC 08 090 AD 2.5G 25000 SL | 3-8 | 0.866" | 1.083" | 1.378" | 3.543" | 2.793" | 2.087" | 0.118" | DMC-8 | M6 | 5X200 |

## Accessories:

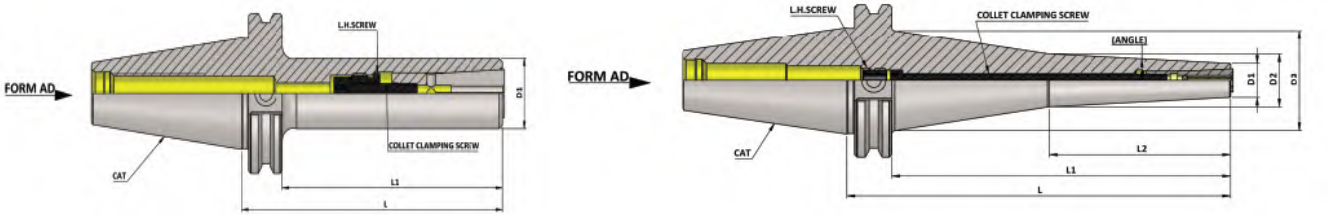

DMC COLLET


DMC ALLEN CAP SCREW


DMC ALLEN KEY


DMC LH SCREW

Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm



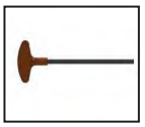

**INCH**

| CAT 40 (ANSI B 5.50) (DMC) | | | | | | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | GRIPPING RANGE | D1 | D2 | D3 | L | L1 | L2 | ANGLE | SUITABLE COLLET | SCREW | ALLEN KEY |
| HK0.C40.0866z4724.DMC.AD | CAT40 DMC 08 120 AD 2.5G 25000 SL | 3-8 | 0.866" | 1.134" | 1.575" | 4.724" | 3.974" | 2.559" | 0.118" | DMC-8 | M6 | 5X200 |
| HK0.C40.0866z6299.DMC.AD | CAT40 DMC 08 160 AD 2.5G 25000 SL | 3-8 | 0.866" | 1.177" | 1.772" | 6.299" | 5.549" | 2.992" | 0.118" | DMC-8 | M6 | 5X200 |
| HK0.C40.1102z3543.DMC.AD | CAT40 DMC 10 090 AD 2.5G 25000 SL | 3-10 | 1.102" | – | – | 3.543" | 2.793" | – | – | DMC-10 | M8 | 6X200 |
| HK0.C40.1102z4724.DMC.AD | CAT40 DMC 10 120 AD 2.5G 25000 SL | 3-10 | 1.102" | – | – | 4.724" | 3.974" | – | – | DMC-10 | M8 | 6X200 |

## Accessories:

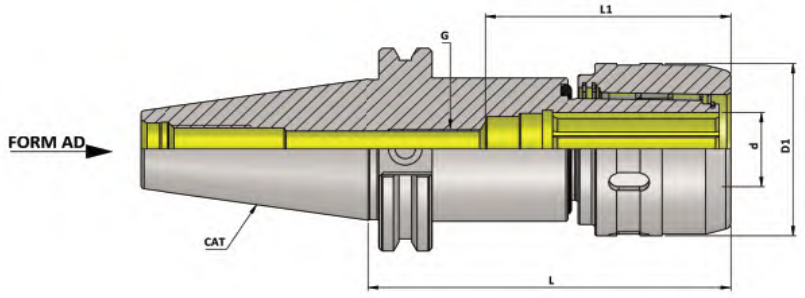

DMC COLLET


DMC ALLEN CAP SCREW


DMC ALLEN KEY


DMC LH SCREW

Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm




**METRIC**

| CAT 40 (ANSI B 5.50) (PMC) | | | | | | (Balanced to 6.3G 15000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | L | L1 | G |
| HK0.C40.20m105.PMC.AD | CAT40 C20 105 AD/6.3G 15000 SL | 20 | 54 | 105 | 70 | M 16 |
| HK0.C40.32m105.PMC.AD | CAT40 C32 105 AD/6.3G 15000 SL | 32 | 72 | 105 | 100 | M 16 |

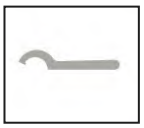
**INCH**

| CAT 40 (ANSI B 5.50) (PMC) | | | | | | (Balanced to 6.3G 15000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | L | L1 | G |
| HK0.C40.3/4z413.PMC.AD | CAT40C3/4''4.13''AD/6.3G15000SL | 3/4" | 2.126" | 4.13" | 2.756" | M 16 |
| HK0.C40.11/4z413.PMC.AD | CAT40C11/4''4.13''AD/6.3G15000SL | 1-1/4" | 2.835" | 4.13" | 3.937" | M 16 |

## Accessories:

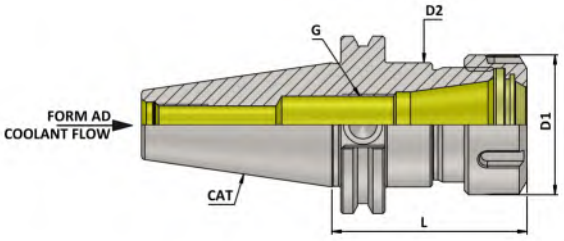


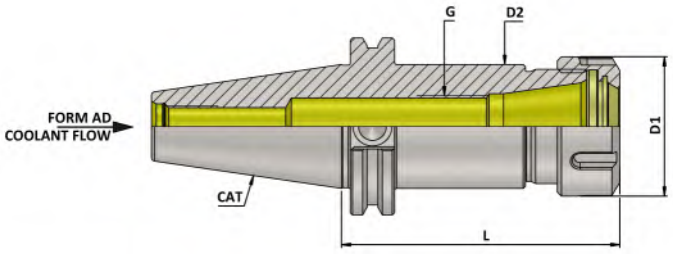
RS SEAL SLEEVE



POWER CHUCK SPANNER

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied




**INCH**

| CAT 40 (ANSI B 5.50) Collet Chuck (ER) | | | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Suitable Collet | Collet Capacity | D1 | D2 | G | L | Nut | Spanner |
| HK0.C40.126z2756.ERS | CAT40ER160702.5G25000SL | ER16 | 0.0156"- 0.375" | 1.26" | 1.75" | M10X1 | 2.756" | UM/ER16 | E16 |
| HK0.C40.126z3937.ERS | CAT40ER161002.5G25000SL | ER16 | 0.0156"-0.375" | 1.26" | 1.75" | M10X1 | 3.937" | UM/ER16 | E16 |
| HK0.C40.126z5118.ERS | CAT40ER161302.5G25000SL | ER16 | 0.0156"-0.375" | 1.26" | 1.75" | M10X1 | 5.118" | UM/ER16 | E16 |
| HK0.C40.126z6299.ERS | CAT40ER161602.5G25000SL | ER16 | 0.0156"- 0.375" | 1.26" | 1.75" | M10X1 | 6.299" | UM/ER16 | E16 |
| HK0.C40.1378z2756.ERS | CAT40ER200702.5G25000SL | ER20 | 0.0625"-0.5" | 1.378" | 1.75" | M10X1 | 2.756" | UM/ER20 | E20 |
| HK0.C40.1378z3937.ERS | CAT40ER201002.5G25000SL | ER20 | 0.0625"- 0.5" | 1.378" | 1.75" | M10X1 | 3.937" | UM/ER20 | E20 |
| HK0.C40.1378z5118.ERS | CAT40ER201302.5G25000SL | ER20 | 0.0625"-0.5" | 1.378" | 1.75" | M10X1 | 5.118" | UM/ER20 | E20 |
| HK0.C40.1378z6299.ERS | CAT40ER201602.5G25000SL | ER20 | 0.0625"-0.5" | 1.378" | 1.75" | M10X1 | 6.299" | UM/ER20 | E20 |
| HK0.C40.1654z2756.ERS | CAT40ER250702.5G25000SL | ER25 | 0.0625"-0.625" | 1.654" | 1.75" | M18X1 | 2.756" | UM/ER25 | E25 |
| HK0.C40.1654z3937.ERS | CAT40ER251002.5G25000SL | ER25 | 0.0625"-0.625" | 1.654" | 1.75" | M18X1 | 3.937" | UM/ER25 | E25 |
| HK0.C40.1654z5118.ERS | CAT40ER251302.5G25000SL | ER25 | 0.0625"-0.625" | 1.654" | 1.75" | M18X1 | 5.118" | UM/ER25 | E25 |
| HK0.C40.1654z6299.ERS | CAT40ER251602.5G25000SL | ER25 | 0.0625"-0.625" | 1.654" | 1.75" | M18X1 | 6.299" | UM/ER25 | E25 |
| HK0.C40.1969z2756.ERS | CAT40ER320702.5G25000SL | ER32 | 0.125"-0.75" | 1.969" | 1.75" | M22X1.5 | 2.756" | UM/ER32 | E32 |
| HK0.C40.1969z3937.ERS | CAT40ER321002.5G25000SL | ER32 | 0.125"-0.75" | 1.969" | 1.75" | M22X1.5 | 3.937" | UM/ER32 | E32 |
| HK0.C40.1969z5118.ERS | CAT40ER321302.5G25000SL | ER32 | 0.125"-0.75" | 1.969" | 1.75" | M22X1.5 | 5.118" | UM/ER32 | E32 |
| HK0.C40.1969z6299.ERS | CAT40ER321602.5G25000SL | ER32 | 0.125"-0.75" | 1.969" | 1.75" | M22X1.5 | 6.299" | UM/ER32 | E32 |
| HK0.C40.248z2756.ERS | CAT40ER400702.5G25000SL | ER40 | 0.125"-1.00" | 2.48" | 1.75" | M30X1.5 | 2.756" | UM/ER40 | E40 |
| HK0.C40.248z3937.ERS | CAT40ER401002.5G25000SL | ER40 | 0.125"-1.00" | 2.48" | 1.75" | M30X1.5 | 3.937" | UM/ER40 | E40 |
| HK0.C40.248z5118.ERS | CAT40ER401302.5G25000SL | ER40 | 0.125"-1.00" | 2.48" | 1.75" | M30X1.5 | 5.118" | UM/ER40 | E40 |
| HK0.C40.248z6299.ERS | CAT40ER401602.5G25000SL | ER40 | 0.125"-1.00" | 2.48" | 1.75" | M30X1.5 | 6.299" | UM/ER40 | E40 |

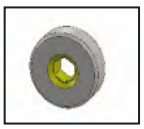
## Accessories:


ER COLLET (DIN 6499)

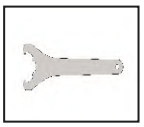

TAP COLLET ER-G


QC TAP COLLET QCTC

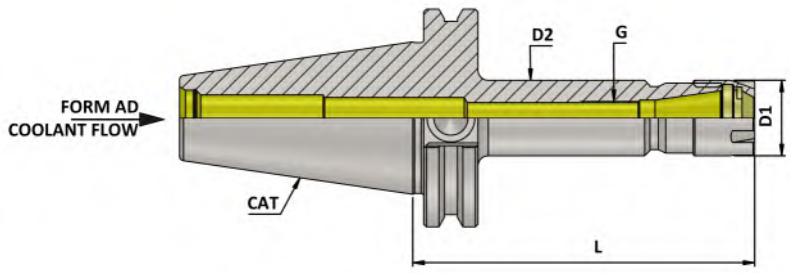

ER NUT


ER STOPPER SCREW


SEALING DISC


SPANNER E

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied




**INCH**

| CAT 40 (ANSI B 5.50) Collet Chuck ER-M Type | | | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Suitable Collet | Collet Capacity | D1 | D2 | G | L | Nut | Spanner |
| HK0.C40.063z1969.ERM.AD | CAT40 ER11M 050 AD/ 2.5G 25000 SL | ER11 | 0.0196"- 0.275" | 0.63" | 0.63" | M6 x 1P | 1.969" | UM/ER11 | E11 |
| HK0.C40.063z3937.ERM.AD | CAT40 ER11M 100 AD/ 2.5G 25000 SL | ER11 | 0.0196"- 0.275" | 0.63" | 0.63" | M6 x 1P | 3.937" | UM/ER11 | E11 |
| HK0.C40.063z5118.ERM.AD | CAT40 ER11M 130 AD/ 2.5G 25000 SL | ER11 | 0.0196"- 0.275" | 0.63" | 0.63" | M6 x 1P | 5.118" | UM/ER11 | E11 |
| HK0.C40.063z6299.ERM.AD | CAT40 ER11M 160 AD/ 2.5G 25000 SL | ER11 | 0.0196"- 0.275" | 0.63" | 0.63" | M6 x 1P | 6.299" | UM/ER11 | E11 |
| HK0.C40.0866z2756.ERM.AD | CAT40 ER16M 070 AD/ 2.5G 25000 SL | ER16 | 0.0156"- 0.375" | 0.866" | 0.866" | M10 x 1P | 2.756" | UM/ER16 | E16 |
| HK0.C40.0866z3937.ERM.AD | CAT40 ER16M 100 AD/ 2.5G 25000 SL | ER16 | 0.0156"- 0.375" | 0.866" | 0.866" | M10 x 1P | 3.937" | UM/ER16 | E16 |
| HK0.C40.0866z5118.ERM.AD | CAT40 ER16M 130 AD/ 2.5G 25000 SL | ER16 | 0.0156"- 0.375" | 0.866" | 0.866" | M10 x 1P | 5.118" | UM/ER16 | E16 |
| HK0.C40.0866z6299.ERM.AD | CAT40 ER16M 160 AD/ 2.5G 25000 SL | ER16 | 0.0156"- 0.375" | 0.866" | 0.866" | M10 x 1P | 6.299" | UM/ER16 | E16 |

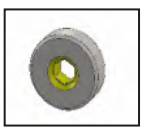
## Accessories:


ER COLLET (DIN 6499)


TAP COLLET ER-G


QC TAP COLLET QCTC


ER M NUT

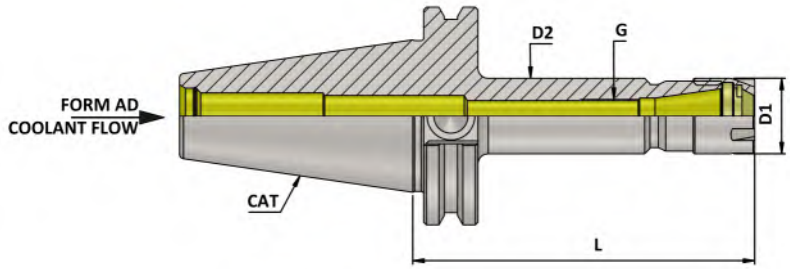

ER STOPPER SCREW


SEALING DISC


SPANNER EM

# CAT 40 (ANSI B 5.50) Collet Chuck ER-M Type

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied




**INCH**

| CAT 40 (ANSI B 5.50) Collet Chuck ER-M Type | | | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Suitable Collet | Collet Capacity | D1 | D2 | G | L | Nut | Spanner |
| HK0.C40.1102z2756.ERM.AD | CAT40 ER20M 070 AD/ 2.5G 25000 SL | ER20 | 0.0625"-0.5" | 1.102" | 1.102" | M10 x 1P | 2.756" | UM/ER20 | E20 |
| HK0.C40.1102z3937.ERM.AD | CAT40 ER20M 100 AD/ 2.5G 25000 SL | ER20 | 0.0625"-0.5" | 1.102" | 1.102" | M10 x 1P | 3.937" | UM/ER20 | E20 |
| HK0.C40.1102z5118.ERM.AD | CAT40 ER20M 130 AD/ 2.5G 25000 SL | ER20 | 0.0625"-0.5" | 1.102" | 1.102" | M10 x 1P | 5.118" | UM/ER20 | E20 |
| HK0.C40.1102z6299.ERM.AD | CAT40 ER20M 160 AD/ 2.5G 25000 SL | ER20 | 0.0625"-0.5" | 1.102" | 1.102" | M10 x 1P | 6.299" | UM/ER20 | E20 |
| HK0.C40.1378z2756.ERM.AD | CAT40 ER25M 070 AD/ 2.5G 25000 SL | ER25 | 0.0625"-0.625" | 1.378" | 1.378" | M18 x 1P | 2.756" | UM/ER25 | E25 |
| HK0.C40.1378z3937.ERM.AD | CAT40 ER25M 100 AD/ 2.5G 25000 SL | ER25 | 0.0625"-0.625" | 1.378" | 1.378" | M18 x 1P | 3.937" | UM/ER25 | E25 |
| HK0.C40.1378z5118.ERM.AD | CAT40 ER25M 130 AD/ 2.5G 25000 SL | ER25 | 0.0625"-0.625" | 1.378" | 1.378" | M18 x 1P | 5.118" | UM/ER25 | E25 |
| HK0.C40.1378z6299.ERM.AD | CAT40 ER25M 160 AD/ 2.5G 25000 SL | ER25 | 0.0625"-0.625" | 1.378" | 1.378" | M18 x 1P | 6.299" | UM/ER25 | E25 |

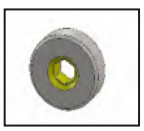
## Accessories:


ER COLLET (DIN 6499)


TAP COLLET ER-G


QC TAP COLLET QCTC

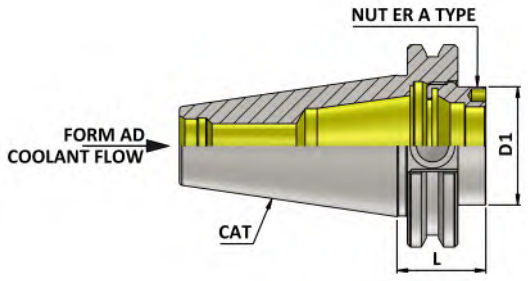

ER M NUT


ER STOPPER SCREW


SEALING DISC


SPANNER EM

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied

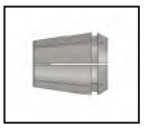



**INCH**

| CAT 40 (ANSI B 5.50) Short Legnth Collet Chuck ER - A | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **Suitable Collet** | **Collet Capacity** | **D1** | **L** | **Suitable Nut** |
| HK0.C40.1575z11.ERH.AD | CAT40 ER 32A 27.94 AD/2.5G25000 SL | ER32 | 0.125" - 0.75" | 1.575" | 1.1" | ER32A |

## Accessories:


ER COLLET
(DIN 6499)


ER TAP COLLET
ER-G

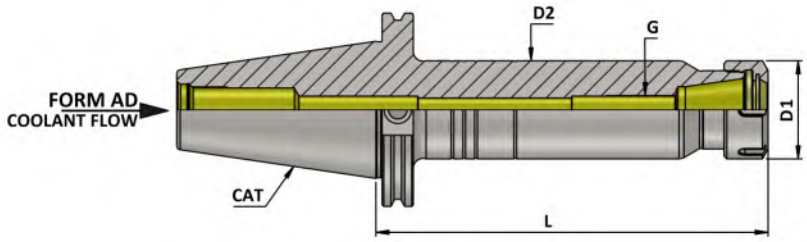

QC TAP COLLET
QCTC


ER A TYPE NUT


ER A TYPE
SPANNER

# CAT 40 (ANSI B 5.50)
# Collet Chuck ER AD Long Series

Maximum Run out of the Internal Taper with respect to the External Taper 0.010 mm as supplied




**INCH**

**CAT 40 (ANSI B 5.50) Collet Chuck AD ER Long Series**

| PRODUCT CODE | ITEM NAME | Suitable Collet | Collet Capacity | D1 | D2 | L | G | Suitable Nut | Suitable Spanner |
|---|---|---|---|---|---|---|---|---|---|
| HK0.C40.126z7874.ERL.AD | CAT40ER16200AD | ER 16 | 0.0156"-0.375" | 1.26" | 1.181" | 7.874" | M10 X 1.5P | UM/ER16 | E16 |
| HK0.C40.126z9843.ERL.AD | CAT40ER16250AD | ER 16 | 0.0156"-0.375" | 1.26" | 1.181" | 9.843" | M10 X 1.5P | UM/ER16 | E16 |
| HK0.C40.126z11811.ERL.AD | CAT40ER16300AD | ER 16 | 0.0156"-0.375" | 1.26" | 1.181" | 11.811" | M10 X 1.5P | UM/ER16 | E16 |
| HK0.C40.1378z7874.ERL.AD | CAT40ER20200AD | ER 20 | 0.0625"-0.5" | 1.378" | 1.339" | 7.874" | M10 X 1.5P | UM/ER20 | E20 |
| HK0.C40.1378z9843.ERL.AD | CAT40ER20250AD | ER 20 | 0.0625"-0.5" | 1.378" | 1.339" | 9.843" | M10 X 1.5P | UM/ER20 | E20 |
| HK0.C40.1378z11811.ERL.AD | CAT40ER20300AD | ER 20 | 0.0625"-0.5" | 1.378" | 1.339" | 11.811" | M10 X 1.5P | UM/ER20 | E20 |
| HK0.C40.1654z7874.ERL.AD | CAT40ER25200AD | ER 25 | 0.0625"-0.625" | 1.654" | 1.575" | 7.874" | M16 X 2P | UM/ER25 | E25 |
| HK0.C40.1654z9843.ERL.AD | CAT40ER25250AD | ER 25 | 0.0625"-0.625" | 1.654" | 1.575" | 9.843" | M16 X 2P | UM/ER25 | E25 |
| HK0.C40.1654z11811.ERL.AD | CAT40ER25300AD | ER 25 | 0.0625"-0.625" | 1.654" | 1.575" | 11.811" | M16 X 2P | UM/ER25 | E25 |
| HK0.C40.1969z7874.ERL.AD | CAT40ER32200AD | ER 32 | 0.125"-0.75" | 1.969" | 1.89" | 7.874" | M16 X 2P | UM/ER32 | E32 |
| HK0.C40.1969z9843.ERL.AD | CAT40ER32250AD | ER 32 | 0.125"-0.75" | 1.969" | 1.89" | 9.843" | M16 X 2P | UM/ER32 | E32 |
| HK0.C40.1969z11811.ERL.AD | CAT40ER32300AD | ER 32 | 0.125"-0.75" | 1.969" | 1.89" | 11.811" | M16 X 2P | UM/ER32 | E32 |
| HK0.C40.248z7874.ERL.AD | CAT40ER40200AD | ER 40 | 0.125"-1.00" | 2.48" | 2.047" | 7.874" | M16 X 2P | UM/ER40 | E40 |
| HK0.C40.248z9843.ERL.AD | CAT40ER40250AD | ER 40 | 0.125"-1.00" | 2.48" | 2.047" | 9.843" | M16 X 2P | UM/ER40 | E40 |
| HK0.C40.248z11811.ERL.AD | CAT40ER40300AD | ER 40 | 0.125"-1.00" | 2.48" | 2.047" | 11.811" | M16 X 2P | UM/ER40 | E40 |

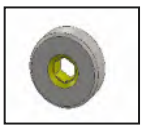
## Accessories:


ER COLLET (DIN 6499)

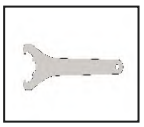

TAP COLLET ER-G


QC TAP COLLET QCTC


ER NUT

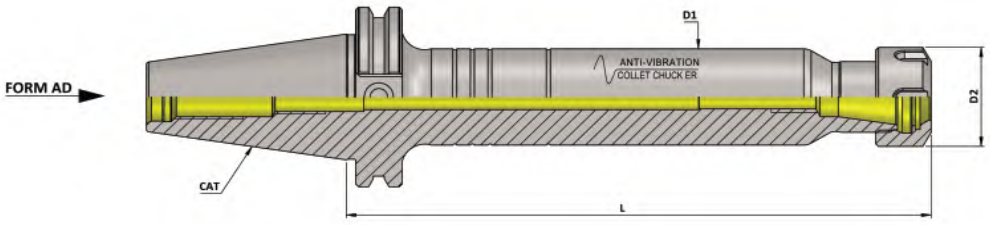

ER STOPPER SCREW


SEALING DISC


SPANNER E

# CAT 40 (ANSI B 5.50) Collet Chuck ER
# Anti - vibration (ER - AD/AV) (DIN 6499)

Maximum Run out of the Internal Taper with respect to the External Taper 0.010 mm




**INCH**

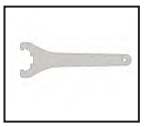
**CAT 40 (ANSI B 5.50) ( ER - AD/AV )**

| PRODUCT CODE | ITEM NAME | Suitable Collet | Collet Capacity | D1 | D2 | L | Suitable Nut | Suitable Spanner |
|---|---|---|---|---|---|---|---|---|
| HK0.C40.1181z7874.ERV.ADAV | CAT40 ER 16 200 AD/AV | ER 16 | 0.0156"-0.375" | 1.181" | 1.26" | 7.874" | UM/ER16 | E16 |
| HK0.C40.1181z9843.ERV.ADAV | CAT40 ER 16 250 AD/AV | ER 16 | 0.0156"-0.375" | 1.181" | 1.26" | 9.843" | UM/ER16 | E16 |
| HK0.C40.1181z11811.ERV.ADAV | CAT40 ER 16 300 AD/AV | ER 16 | 0.0156"-0.375" | 1.181" | 1.26" | 11.811" | UM/ER16 | E16 |
| HK0.C40.1339z7874.ERV.ADAV | CAT40 ER 20 200 AD/AV | ER 20 | 0.0625"-0.5" | 1.339" | 1.378" | 7.874" | UM/ER20 | E20 |
| HK0.C40.1339z9843.ERV.ADAV | CAT40 ER 20 250 AD/AV | ER 20 | 0.0625"-0.5" | 1.339" | 1.378" | 9.843" | UM/ER20 | E20 |
| HK0.C40.1339z11811.ERV.ADAV | CAT40 ER 20 300 AD/AV | ER 20 | 0.0625"-0.5" | 1.339" | 1.378" | 11.811" | UM/ER20 | E20 |
| HK0.C40.1575z7874.ERV.ADAV | CAT40 ER 25 200 AD/AV | ER 25 | 0.0625"-0.625" | 1.575" | 1.654" | 7.874" | UM/ER25 | E25 |
| HK0.C40.1575z9843.ERV.ADAV | CAT40 ER 25 250 AD/AV | ER 25 | 0.0625"-0.625" | 1.575" | 1.654" | 9.843" | UM/ER25 | E25 |
| HK0.C40.1575z11811.ERV.ADAV | CAT40 ER 25 300 AD/AV | ER 25 | 0.0625"-0.625" | 1.575" | 1.654" | 11.811" | UM/ER25 | E25 |
| HK0.C40.189z7874.ERV.ADAV | CAT40 ER 32 200 AD/AV | ER 32 | 0.125"-0.75" | 1.89" | 1.969" | 7.874" | UM/ER32 | E32 |
| HK0.C40.189z9843.ERV.ADAV | CAT40 ER 32 250 AD/AV | ER 32 | 0.125"-0.75" | 1.89" | 1.969" | 9.843" | UM/ER32 | E32 |
| HK0.C40.189z11811.ERV.ADAV | CAT40 ER 32 300 AD/AV | ER 32 | 0.125"-0.75" | 1.89" | 1.969" | 11.811" | UM/ER32 | E32 |
| HK0.C40.2047z7874.ERV.ADAV | CAT40 ER 40 200 AD/AV | ER 40 | 0.125"-1.00" | 2.047" | 2.48" | 7.874" | UM/ER40 | E40 |
| HK0.C40.2047z9843.ERV.ADAV | CAT40 ER 40 250 AD/AV | ER 40 | 0.125"-1.00" | 2.047" | 2.48" | 9.843" | UM/ER40 | E40 |
| HK0.C40.2047z11811.ERV.ADAV | CAT40 ER 40 300 AD/AV | ER 40 | 0.125"-1.00" | 2.047" | 2.48" | 11.811" | UM/ER40 | E40 |

## Accessories:

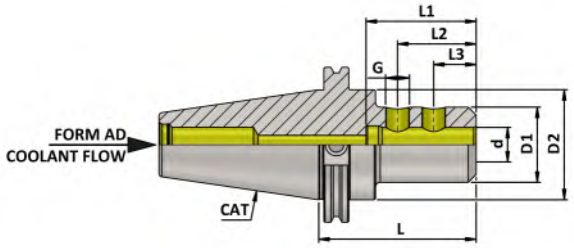

ER COLLET

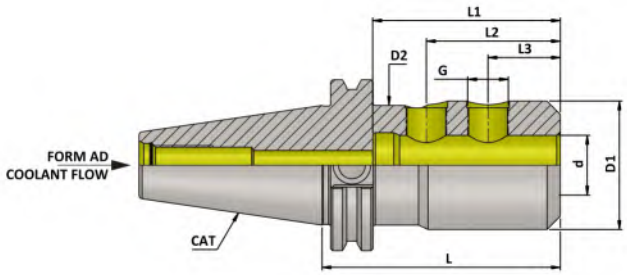

ER SLOTTED NUT


ER SPANNER

# CAT 40 (ANSI B 5.50)
# Side Lock Adaptor (SLA)

Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied

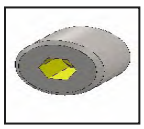



**INCH**

| CAT 40 (ANSI B 5.50) (SLA) | | | | | | | | | | (Balanced 6.3 G 15000 RPM) |
|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | L | L1 (ID) | L2(2nd Tap) | L3(1st tap) | SCREW QTY. |
| HK0.C40.1/8z2375.SLS.AD | CAT40 SLA DIA 1/8'' - 2 3/8'' AD/6.3G 15000 SL | 1/8" | 0.69" | 1.750" | 6-32UNCx1/4" | 2.375" | 0.669" | - | 0.370" | 0.039" |
| HK0.C40.3/16z250.SLS.AD | CAT40 SLA DIA 3/16'' - 2 1/2'' AD/6.3G 15000 SL | 3/16" | 0.69" | 1.750" | 8-32UNCx1/4" | 2.50" | 0.984" | - | 0.562" | 0.039" |
| HK0.C40.1/4z250.SLS.AD | CAT40 SLA DIA 1/4'' - 2 1/2'' AD/6.3G 15000 SL | 1/4" | 0.78" | 1.750" | 1/4"-28UNFx1/4" | 2.50" | 1.378" | - | 0.630" | 0.039" |
| HK0.C40.5/16z250.SLS.AD | CAT40 SLA DIA 5/16'' - 2 1/2'' AD/6.3G 15000 SL | 5/16" | 0.88" | 1.750" | 5/16"-24UNFx1/4" | 2.50" | 1.378" | - | 0.630" | 0.039" |
| HK0.C40.3/8z250.SLS.AD | CAT40 SLA DIA 3/8'' - 2 1/2'' AD/6.3G 15000 SL | 3/8" | 1.0" | 1.750" | 3/8"-24UNFx5/16" | 2.50" | 1.535" | - | 0.750" | 0.039" |
| HK0.C40.7/16z3.SLS.AD | CAT40 SLA DIA 7/16'' - 3.00'' AD/6.3G 15000 SL | 7/16" | 1.25" | 1.750" | 3/8"-24UNFx3/8" | 3" | 2.008" | - | 0.875" | 0.039" |
| HK0.C40.1/2z3.SLS.AD | CAT40 SLA DIA 1/2'' - 3.00'' AD/6.3G 15000 SL | 1/2" | 1.25" | 1.750" | 7/16"-20UNFx3/8" | 3" | 2.008" | - | 0.875" | 0.039" |
| HK0.C40.5/8z3.SLS.AD | CAT40 SLA DIA 5/8'' - 3.00'' AD/6.3G 15000 SL | 5/8" | 1.50" | 1.750" | 1/2"-20UNFx7/16" | 3" | 2.244" | - | 0.937" | 0.039" |
| HK0.C40.3/4z3.SLS.AD | CAT40 SLA DIA 3/4'' - 3.00'' AD/6.3G 15000 SL | 3/4" | 1.75" | 1.750" | 5/8"-18UNFx1/2" | 3" | 2.323" | - | 1.0" | 0.039" |
| HK0.C40.7/8z35.SLS.AD | CAT40 SLA DIA 7/8'' - 3 1/2'' AD/6.3G 15000 SL | 7/8" | 1.88" | 1.750" | 5/8"-18UNFx1/2" | 3.5" | 2.756" | 1.938" | 1.063" | 0.079" |
| HK0.C40.1z4.SLS.AD | CAT40 SLA DIA 1.0'' - 4.00'' AD/6.3G 15000 SL | 1.0" | 2.0" | 1.750" | 3/4"-16UNFx1/2" | 4.0" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.C40.11/4z4.SLS | CAT40 SLA DIA 1 1/4'' - 4.00''AD/6.3G 15000 SL | 1 1/4" | 2.5" | 1.750" | 3/4"-16UNFx1/2" | 4.0" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.C40.11/2z45.SLS | CAT40 SLA DIA 1 1/2'' - 4 1/2''AD/6.3G 15000 SL | 1 1/2" | 2.5" | 1.750" | 3/4"-16UNFx1/2" | 4.5" | 2.953" | 2.125" | 1.125" | 0.079" |

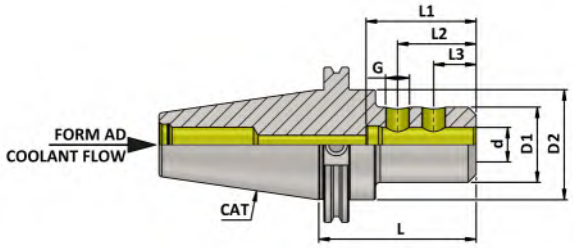
## Accessories:

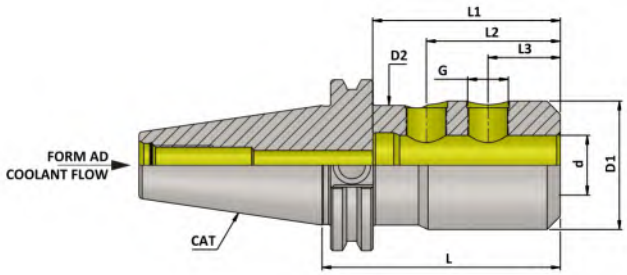


LOCKING SCREW SLA

# CAT 40 (ANSI B 5.50)
# Side Lock Adaptor (SLA)

Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied

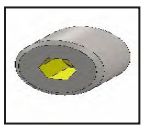



**METRIC**

| CAT 40 (ANSI B 5.50) (SLA) | | | | | | | | | | (Balanced 6.3 G 15000 RPM) |
|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | L | L1 (ID) | L2(2nd Tap) | L3(1st tap) | SCREW QTY. |
| HK0.C40.6m635.SLS.AD | CAT40 SLA06 63.5 AD/6.3G 15000 SL | 6 | 25 | 44.45 | M6 | 63.5 | 34 | - | 17.5 | 1 |
| HK0.C40.8m635.SLS.AD | CAT40 SLA08 63.5 AD/6.3G 15000 SL | 8 | 28 | 44.45 | M8 | 63.5 | 34 | - | 17.5 | 1 |
| HK0.C40.10m635.SLS.AD | CAT40 SLA10 63.5 AD/6.3G 15000 SL | 10 | 35 | 44.45 | M10 | 63.5 | 40 | - | 19.5 | 1 |
| HK0.C40.12m635.SLS.AD | CAT40 SLA12 63.5 AD/6.3G 15000 SL | 12 | 42 | 44.45 | M12 | 63.5 | 46 | - | 22 | 1 |
| HK0.C40.16m635.SLS.AD | CAT40 SLA16 63.5 AD/6.3G 15000 SL | 16 | 48 | 44.45 | M14 | 63.5 | 48 | - | 23.5 | 1 |
| HK0.C40.20m762.SLS.AD | CAT40 SLA20 76.2 AD/6.3G 15000 SL | 20 | 50 | 44.45 | M10 | 76.2 | 70 | 45 | 25 | 1 |
| HK0.C40.25m1016.SLS.AD | CAT40 SLA25 101.6 AD/6.3G 15000 SL | 25 | 50 | 44.45 | M10 | 101.6 | 70 | 45 | 25 | 2 |
| HK0.C40.32m1016.SLS.AD | CAT40 SLA32 101.6 AD/6.3G 15000 SL | 32 | 60 | 44.45 | M10 | 101.6 | 70 | 50 | 30 | 2 |

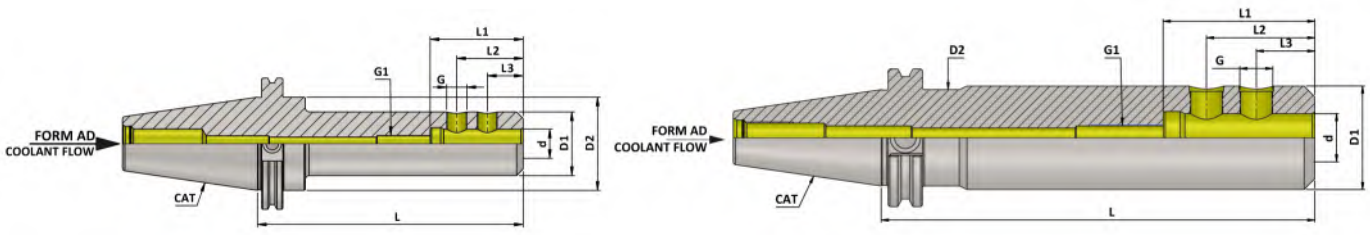
## Accessories:



LOCKING
SCREW SLA

# CAT 40 (ANSI B 5.50) Side Lock Adaptor
# Long Series (SLA) (AD)

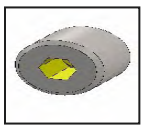
Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm as supplied




**METRIC**

| CAT 40 (ANSI B 5.50) SLA (AD) Long Series | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | G1 | L | L1 (ID) | L2(2nd Tap) | L3(1st tap) | SCREW QTY. |
| HK0.C40.16m200.SLL.AD | CAT40 SLA16 200 AD | 16 | 48 | 44.45 | M14 | M12 | 200 | 57 | – | 23.50 | 1 |
| HK0.C40.16m250.SLL.AD | CAT40 SLA16 250 AD | 16 | 48 | 44.45 | M14 | M12 | 250 | 57 | – | 23.50 | 1 |
| HK0.C40.16m300.SLL.AD | CAT40 SLA16 300 AD | 16 | 48 | 44.45 | M14 | M12 | 300 | 57 | – | 23.50 | 1 |
| HK0.C40.20m200.SLL.AD | CAT40 SLA20 200 AD | 20 | 50 | 44.45 | M10 | M16 | 200 | 70 | 45 | 25 | 2 |
| HK0.C40.20m250.SLL.AD | CAT40 SLA20 250 AD | 20 | 50 | 44.45 | M10 | M16 | 250 | 70 | 45 | 25 | 2 |
| HK0.C40.20m300.SLL.AD | CAT40 SLA20 300 AD | 20 | 50 | 44.45 | M10 | M16 | 300 | 70 | 45 | 25 | 2 |
| HK0.C40.25m200.SLL.AD | CAT40 SLA25 200 AD | 25 | 50 | 44.45 | M10 | M16 | 200 | 70 | 45 | 25 | 2 |
| HK0.C40.25m250.SLL.AD | CAT40 SLA25 250 AD | 25 | 50 | 44.45 | M10 | M16 | 250 | 70 | 45 | 25 | 2 |
| HK0.C40.25m300.SLL.AD | CAT40 SLA25 300 AD | 25 | 50 | 44.45 | M10 | M16 | 300 | 70 | 45 | 25 | 2 |
| HK0.C40.32m200.SLL.AD | CAT40 SLA32 200 AD | 32 | 60 | 44.45 | M10 | M16 | 200 | 70 | 50 | 30 | 2 |
| HK0.C40.32m250.SLL.AD | CAT40 SLA32 250 AD | 32 | 60 | 44.45 | M10 | M16 | 250 | 70 | 50 | 30 | 2 |
| HK0.C40.32m300.SLL.AD | CAT40 SLA32 300 AD | 32 | 60 | 44.45 | M10 | M16 | 300 | 70 | 50 | 30 | 2 |
| HK0.C40.40m200.SLL.AD | CAT40 SLA40 200 AD | 40 | 60 | 44.45 | M10 | M16 | 200 | 70 | 50 | 30 | 2 |
| HK0.C40.40m250.SLL.AD | CAT40 SLA40 250 AD | 40 | 60 | 44.45 | M10 | M16 | 250 | 70 | 50 | 30 | 2 |
| HK0.C40.40m300.SLL.AD | CAT40 SLA40 300 AD | 40 | 60 | 44.45 | M10 | M16 | 300 | 70 | 50 | 30 | 2 |

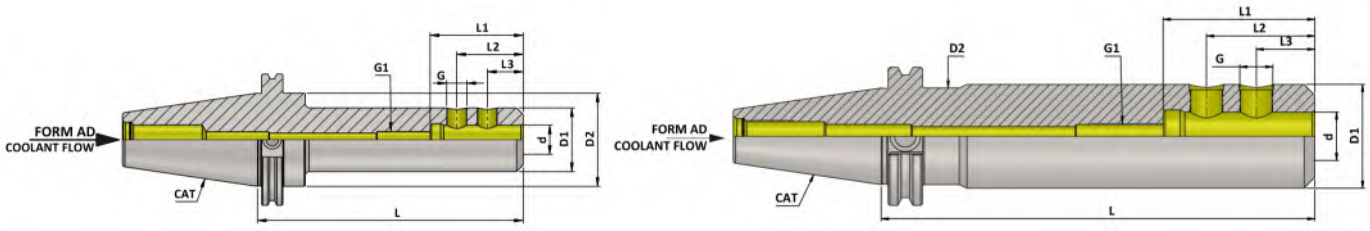
## Accessories:



LOCKING
SCREW SLA

# CAT 40 (ANSI B 5.50) Side Lock Adaptor
# Long Series (SLA) (AD)

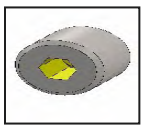
Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm as supplied




**INCH**

| CAT 40 (ANSI B 5.50) SLA (AD) Long Series | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | G1 | L | L1 (ID) | L2(2nd Tap) | L3(1st tap) | SCREW QTY. |
| HK0.C40.5/8z7874.SLL.AD | CAT40 SLA5/8'' 200 AD | 5/8" | 1.50" | 1.750" | 1/2"20UNFx7/16" | M12 | 7.874" | 2.244" | – | 0.937" | 1 |
| HK0.C40.5/8z9843.SLL.AD | CAT40 SLA5/8'' 250 AD | 5/8" | 1.50" | 1.750" | 1/2"20UNFx7/16" | M12 | 9.843" | 2.244" | – | 0.937" | 1 |
| HK0.C40.5/8z11811.SLL.AD | CAT40 SLA5/8'' 300 AD | 5/8" | 1.50" | 1.750" | 1/2"20UNFx7/16" | M12 | 11.811" | 2.244" | – | 0.937" | 1 |
| HK0.C40.3/4z7874.SLL.AD | CAT40 SLA3/4'' 200 AD | 3/4" | 1.75" | 1.750" | 5/8"18UNFx1/2" | M16 | 7.874" | 2.323" | – | 1.00" | 1 |
| HK0.C40.3/4z9843.SLL.AD | CAT40 SLA3/4'' 250 AD | 3/4" | 1.75" | 1.750" | 5/8"18UNFx1/2" | M16 | 9.843" | 2.323" | – | 1.00" | 1 |
| HK0.C40.3/4z11811.SLL.AD | CAT40 SLA3/4'' 300 AD | 3/4" | 1.75" | 1.750" | 5/8"18UNFx1/2" | M16 | 11.811" | 2.323" | – | 1.00" | 1 |
| HK0.C40.1z7874.SLL.AD | CAT40 SLA1.0'' 200 AD | 1.0" | 2.0" | 1.750" | 3/4"16UNFx1/2" | M16 | 7.874" | 2.953" | 2.125" | 1.125" | 2 |
| HK0.C40.1z9843.SLL.AD | CAT40 SLA1.0'' 250 AD | 1.0" | 2.0" | 1.750" | 3/4"16UNFx1/2" | M16 | 9.843" | 2.953" | 2.125" | 1.125" | 2 |
| HK0.C40.1z11811.SLL.AD | CAT40 SLA1.0'' 300 AD | 1.0" | 2.0" | 1.750" | 3/4"16UNFx1/2" | M16 | 11.811" | 2.953" | 2.125" | 1.125" | 2 |
| HK0.C40.11/4z7874.SLL.AD | CAT40 SLA1 1/4'' 200 AD | 1-1/4" | 2.5" | 1.750" | 3/4"16UNFx1/2" | M16 | 7.874" | 2.953" | 2.125" | 1.125" | 2 |
| HK0.C40.11/4z9843.SLL.AD | CAT40 SLA1 1/4'' 250 AD | 1-1/4" | 2.5" | 1.750" | 3/4"16UNFx1/2" | M16 | 9.843" | 2.953" | 2.125" | 1.125" | 2 |
| HK0.C40.11/4z11811.SLL.AD | CAT40 SLA1 1/4'' 300 AD | 1-1/4" | 2.5" | 1.750" | 3/4"16UNFx1/2" | M16 | 11.811" | 2.953" | 2.125" | 1.125" | 2 |
| HK0.C40.11/2z7874.SLL.AD | CAT40 SLA1 1/2'' 200 AD | 1-1/2" | 2.5" | 1.750" | 3/4"16UNFx1/2" | M16 | 7.874" | 2.953" | 2.125" | 1.125" | 2 |
| HK0.C40.11/2z9843.SLL.AD | CAT40 SLA1 1/2'' 250 AD | 1-1/2" | 2.5" | 1.750" | 3/4"16UNFx1/2" | M16 | 9.843" | 2.953" | 2.125" | 1.125" | 2 |
| HK0.C40.11/2z11811.SLL.AD | CAT40 SLA1 1/2'' 300 AD | 1-1/2" | 2.5" | 1.750" | 3/4"16UNFx1/2" | M16 | 11.811" | 2.953" | 2.125" | 1.125" | 2 |

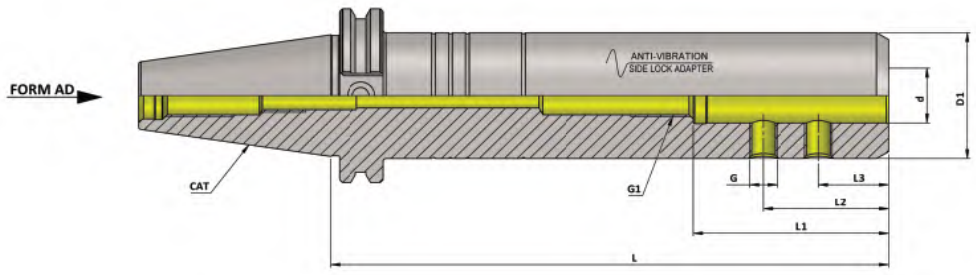
## Accessories:



LOCKING
SCREW SLA

# CAT 40 (ANSI B 5.50)
# Side Lock Adaptor Anti - Vibration ( SLA - AD/AV )

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm

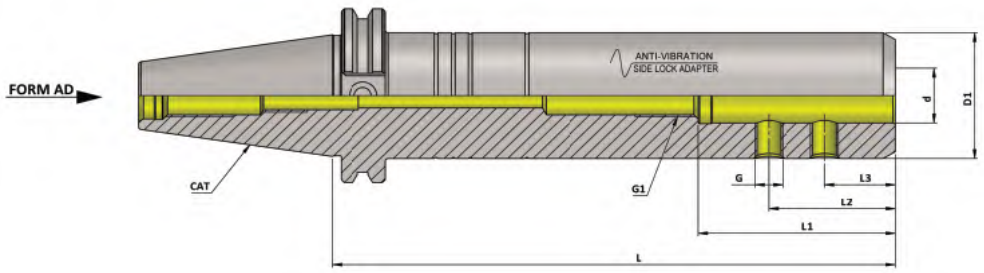



**METRIC**

**CAT 40 (ANSI B 5.50) ( SLA - AD/AV )**

| PRODUCT CODE | ITEM NAME | d | D1 | G | G1 | L | L1 | L2 | L3 | SCREW QTY. |
|---|---|---|---|---|---|---|---|---|---|---|
| HK0.C40.16m200.SLV.ADAV | CAT40 SLA16 200 AD/AV | 16 | 48 | M14 | M12 | 200 | 57 | – | 23.50 | 1 |
| HK0.C40.16m250.SLV.ADAV | CAT40 SLA16 250 AD/AV | 16 | 48 | M14 | M12 | 250 | 57 | – | 23.50 | 1 |
| HK0.C40.16m300.SLV.ADAV | CAT40 SLA16 300 AD/AV | 16 | 48 | M14 | M12 | 300 | 57 | – | 23.50 | 1 |
| HK0.C40.20m200.SLV.ADAV | CAT40 SLA20 200 AD/AV | 20 | 50 | M10 | M16 | 200 | 70 | 45 | 25 | 2 |
| HK0.C40.20m250.SLV.ADAV | CAT40 SLA20 250 AD/AV | 20 | 50 | M10 | M16 | 250 | 70 | 45 | 25 | 2 |
| HK0.C40.20m300.SLV.ADAV | CAT40 SLA20 300 AD/AV | 20 | 50 | M10 | M16 | 300 | 70 | 45 | 25 | 2 |
| HK0.C40.25m200.SLV.ADAV | CAT40 SLA25 200 AD/AV | 25 | 50 | M10 | M16 | 200 | 70 | 45 | 25 | 2 |
| HK0.C40.25m250.SLV.ADAV | CAT40 SLA25 250 AD/AV | 25 | 50 | M10 | M16 | 250 | 70 | 45 | 25 | 2 |
| HK0.C40.25m300.SLV.ADAV | CAT40 SLA25 300 AD/AV | 25 | 50 | M10 | M16 | 300 | 70 | 45 | 25 | 2 |
| HK0.C40.32m200.SLV.ADAV | CAT40 SLA32 200 AD/AV | 32 | 60 | M10 | M16 | 200 | 70 | 50 | 30 | 2 |
| HK0.C40.32m250.SLV.ADAV | CAT40 SLA32 250 AD/AV | 32 | 60 | M10 | M16 | 250 | 70 | 50 | 30 | 2 |
| HK0.C40.32m300.SLV.ADAV | CAT40 SLA32 300 AD/AV | 32 | 60 | M10 | M16 | 300 | 70 | 50 | 30 | 2 |
| HK0.C40.40m200.SLV.ADAV | CAT40 SLA40 200 AD/AV | 40 | 60 | M10 | M16 | 200 | 70 | 50 | 30 | 2 |
| HK0.C40.40m250.SLV.ADAV | CAT40 SLA40 250 AD/AV | 40 | 60 | M10 | M16 | 250 | 70 | 50 | 30 | 2 |
| HK0.C40.40m300.SLV.ADAV | CAT40 SLA40 300 AD/AV | 40 | 60 | M10 | M16 | 300 | 70 | 50 | 30 | 2 |

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm

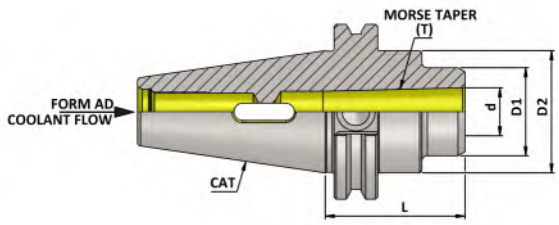


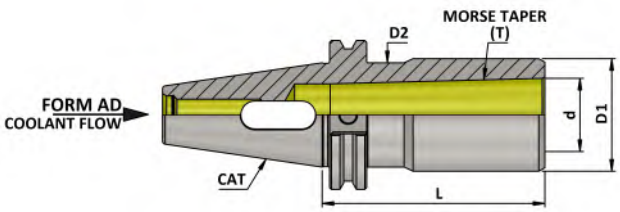

**INCH**

**CAT 40 (ANSI B 5.50) ( SLA - AD/AV )**

| PRODUCT CODE | ITEM NAME | d | D1 | G | G1 | L | L1 | L2 | L3 | SCREW QTY. |
|---|---|---|---|---|---|---|---|---|---|---|
| HK0.C40.5/8z7874.SLV.ADAV | CAT40 SLA5/8'' 200 AD/AV | 5/8" | 1.50" | 1/2"20UNFx7/16" | M12 | 7.874" | 2.244" | – | 0.937" | 0.039" |
| HK0.C40.5/8z9843.SLV.ADAV | CAT40 SLA5/8'' 250 AD/AV | 5/8" | 1.50" | 1/2"20UNFx7/16" | M12 | 9.843" | 2.244" | – | 0.937" | 0.039" |
| HK0.C40.5/8z11811.SLV.ADAV | CAT40 SLA5/8'' 300 AD/AV | 5/8" | 1.50" | 1/2"20UNFx7/16" | M12 | 11.811" | 2.244" | – | 0.937" | 0.039" |
| HK0.C40.3/4z7874.SLV.ADAV | CAT40 SLA3/4'' 200 AD/AV | 3/4" | 1.75" | 5/8"18UNFx1/2" | M16 | 7.874" | 2.323" | – | 1.00" | 0.039" |
| HK0.C40.3/4z9843.SLV.ADAV | CAT40 SLA3/4'' 250 AD/AV | 3/4" | 1.75" | 5/8"18UNFx1/2" | M16 | 9.843" | 2.323" | – | 1.00" | 0.039" |
| HK0.C40.3/4z11811.SLV.ADAV | CAT40 SLA3/4'' 300 AD/AV | 3/4" | 1.75" | 5/8"18UNFx1/2" | M16 | 11.811" | 2.323" | – | 1.00" | 0.039" |
| HK0.C40.1z7874.SLV.ADAV | CAT40 SLA1.0'' 200 AD/AV | 1.0" | 2.0" | 3/4"16UNFx1/2" | M16 | 7.874" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.C40.1z9843.SLV.ADAV | CAT40 SLA1.0'' 250 AD/AV | 1.0" | 2.0" | 3/4"16UNFx1/2" | M16 | 9.843" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.C40.1z11811.SLV.ADAV | CAT40 SLA1.0'' 300 AD/AV | 1.0" | 2.0" | 3/4"16UNFx1/2" | M16 | 11.811" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.C40.11/4z7874.SLV.ADAV | CAT40 SLA1 1/4'' 200 AD/AV | 1-1/4" | 2.5" | 3/4"16UNFx1/2" | M16 | 7.874" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.C40.11/4z9843.SLV.ADAV | CAT40 SLA1 1/4'' 250 AD/AV | 1-1/4" | 2.5" | 3/4"16UNFx1/2" | M16 | 9.843" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.C40.11/4z11811.SLV.ADAV | CAT40 SLA1 1/4'' 300 AD/AV | 1-1/4" | 2.5" | 3/4"16UNFx1/2" | M16 | 11.811" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.C40.11/2z7874.SLV.ADAV | CAT40 SLA1 1/2'' 200 AD/AV | 1-1/2" | 2.5" | 3/4"16UNFx1/2" | M16 | 7.874" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.C40.11/2z9843.SLV.ADAV | CAT40 SLA1 1/2'' 250 AD/AV | 1-1/2" | 2.5" | 3/4"16UNFx1/2" | M16 | 9.843" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.C40.11/2z11811.SLV.ADAV | CAT40 SLA1 1/2'' 300 AD/AV | 1-1/2" | 2.5" | 3/4"16UNFx1/2" | M16 | 11.811" | 2.953" | 2.125" | 1.125" | 0.079" |

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied

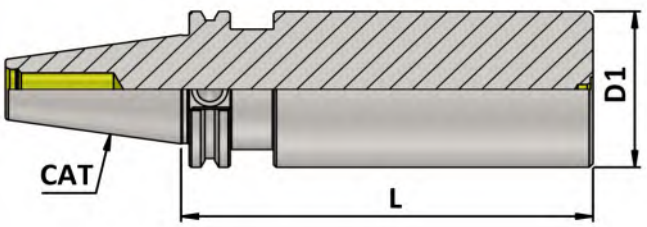



**INCH**

| CAT 40 (ANSI B 5.50) (MTA) | | | | | | (Balanced to 6.3 G 15000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Morse Taper(T) | d (GP) | D1 | D2 | L |
| HK0.C40.12065z2.MTA | CAT40 MT01 - 2.00'' 6.3G 15000 SL | 1 | 12.065 | 1.0" | 1.750" | 2.0" |
| HK0.C40.17780z2.MTA | CAT40 MT02 - 2.00'' 6.3G 15000 SL | 2 | 17.780 | 1.25” | 1.750" | 2.0" |
| HK0.C40.23825z275.MTA | CAT40 MT03 - 2 3/4'' 6.3G 15000 SL | 3 | 23.825 | 1.574” | 1.750" | 2.75" |
| HK0.C40.31267z375.MTA | CAT40 MT04 - 3 3/4'' 6.3G 15000 SL | 4 | 31.267 | 1.889" | 1.750" | 3.75" |

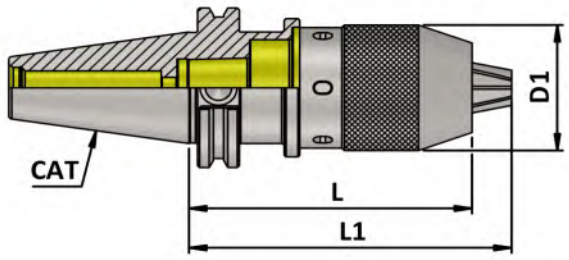
# CAT 40 (ANSI B 5.50) Boring Bar Blank




**INCH**

| CAT 40 (ANSI B 5.50) Boring Bar Blank | | | |
|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D1** | **L** |
| HK0.C40.25z6.BBB | CAT40 BORING BAR BLANK DIA 2.5'' L 6.0'' | 2.5" | 6.0" |
| HK0.C40.25z10.BBB | CAT40 BORING BAR BLANK DIA 2.5'' L 10.0'' | 2.5" | 10.0" |

Maximum Run out on the Mandrell with respect to the External Taper 0.050 mm as supplied




**INCH**

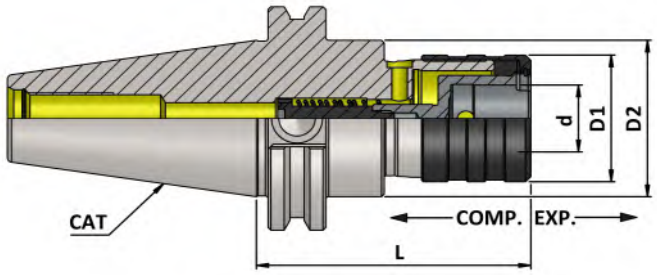
| CAT 40 (ANSI B 5.50) (NCDC) | | | | |
|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D1** | **L** | **L1** |
| HK0.C40.1969z4.NDC | CAT40 NCDC 113 - 4.0 | 1.969" | 4.0" | 4.5" |

## Accessories:



SPANNER
NCDC

# CAT 40 (ANSI B 5.50)
# Quick Change Tapping Chuck (KWFLK)




**METRIC**

| CAT 40 (ANSI B 5.50) KWFLK | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Capacity | Suitable Adaptor | Compr. | Expan. | d | D1 | L |
| HK0.C40.19m76.QCC | CAT40 KWFLK1 076 | M3-M12 | KWES1B | 7.5 | 7.5 | 19 | 36 | 76 |
| HK0.C40.31m100.QCC | CAT40 KWFLK2 100 | M6-M20 | KWES2B | 12.5 | 12.5 | 31 | 53 | 100 |
| HK0.C40.48m150.QCC | CAT40 KWFLK3 150 | M14-M33 | KWES3B | 20 | 20 | 48 | 78 | 150 |

## Accessories:

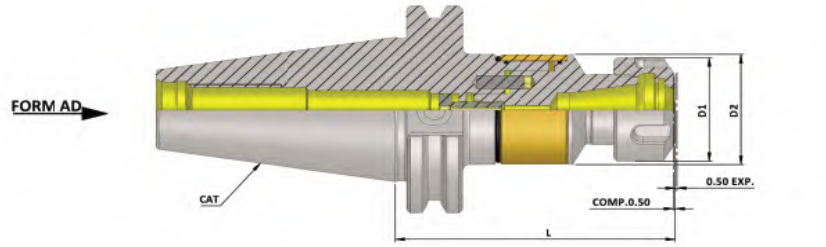

TAP ADAPTOR KWES


TAP ADAPTOR KWESK B


TAP ADAPTOR REDUCTION SOCKET(KWRE)

# CAT 40 (ANSI B 5.50) Minimum Length Compensation Tapping Chuck (MLC)

Maximum Run out of the Internal Taper with respect to the External Taper 0.020 mm



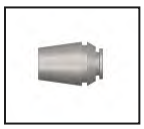

**METRIC**

| CAT 40 (ANSI B 5.50) (MLC) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | TAPPING RANGE | CLAMPING RANGE | NUT SIZE | D1 | D2 | L | COMP. | EXP. |
| HK0.C40.16m95.MLC.AD | CAT40ER11M090ADMLC | M2-M8 | 2.5-6 | ER 11M | 16 | 32.5 | 95 | 0.4 | 0.4 |
| HK0.C40.22m95.MLC.AD | CAT40ER16M095ADMLC | M3-M12 | 3.5-10 | ER 16M | 22 | 34 | 95 | 0.5 | 0.5 |
| HK0.C40.32m95.MLC.AD | CAT40 ER 16 095 AD MLC | M3-M12 | 3.5-10 | ER 16 | 32 | 34 | 95 | 0.5 | 0.5 |
| HK0.C40.35m96.MLC.AD | CAT40 ER 20 096 AD MLC | M3-M16 | 3.5-12 | ER 20 | 35 | 34 | 96 | 0.5 | 0.5 |
| HK0.C40.42m100.MLC.AD | CAT40 ER 25 100 AD MLC | M3-M20 | 3.5-16 | ER 25 | 42 | 34 | 100 | 0.5 | 0.5 |
| HK0.C40.50m111.MLC.AD | CAT40 ER 32 111 AD MLC | M4-M27 | 3.5-20 | ER 32 | 50 | 34 | 111 | 0.5 | 0.5 |
| HK0.C40.63m136.MLC.AD | CAT40 ER 40 136 AD MLC | M6-M33 | 6-25 | ER 40 | 63 | 62 | 136 | 0.5 | 0.5 |

**INCH**

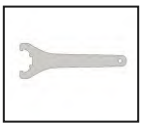
| CAT 40 (ANSI B 5.50) (MLC) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | TAPPING RANGE | CLAMPING RANGE | NUT SIZE | D1 | D2 | L | COMP. | EXP. |
| HK0.C40.063z374.MLC.AD | CAT40ER11M090ADMLC | 1/8"No 06 - No 10 | 0.141"-0.194" | ER 11M | 0.63" | 1.28" | 3.74" | 0.4 | 0.4 |
| HK0.C40.0866z374.MLC.AD | CAT40ER16M095ADMLC | 1/8"No 06 - 1/2" | 0.141"-0.381" | ER 16M | 0.866" | 1.339" | 3.74" | 0.5 | 0.5 |
| HK0.C40.126z374.MLC.AD | CAT40 ER 16 095 AD MLC | 1/8"No 06 - 1/2" | 0.141"-0.381" | ER 16 | 1.26" | 1.339" | 3.74" | 0.5 | 0.5 |
| HK0.C40.1378z378.MLC.AD | CAT40 ER 20 096 AD MLC | 1/8"No 06 - 1/2" | 0.141"-0.381" | ER 20 | 1.378" | 1.339" | 3.78" | 0.5 | 0.5 |
| HK0.C40.1654z3937.MLC.AD | CAT40 ER 25 100 AD MLC | 1/8"No 06 - 11/16" | 0.141"-0.542" | ER 25 | 1.654" | 1.339" | 3.937" | 0.5 | 0.5 |
| HK0.C40.1969z437.MLC.AD | CAT40 ER 32 111 AD MLC | 3/16"No 10 - 13/16" | 0.194"-0.652" | ER 32 | 1.969" | 1.339" | 4.37" | 0.5 | 0.5 |
| HK0.C40.248z5354.MLC.AD | CAT40 ER 40 136 AD MLC | 1/4" - 1" | 0.255"-0.800" | ER 40 | 2.48" | 2.441" | 5.354" | 0.5 | 0.5 |

## Accessories:


QC TAP COLLET QCTC


ER TAP COLLET


ER SLOTTED NUT


ER SPANNER

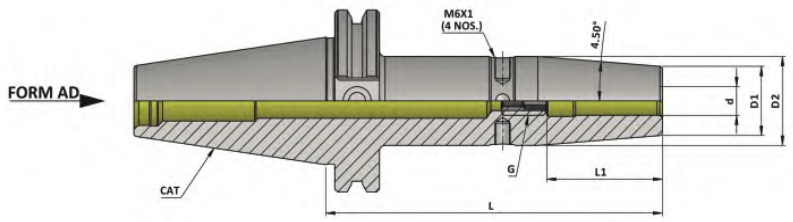


# CAT50 . ASME B5.50


| | |
|---|---|
| **60** | **Shrink Fit Holders** |
| 60 | 4.5 ° |
| 64 | 4.5 ° Face Coolant Channel |
| 68 | Slim 3 ° |
| 71 | 4.5 ° Anti – Vibration |
| **73** | **Hydraulic Chucks** |
| 73 | Standard |
| 75 | Heavy Duty |
| 76 | Face Coolant Channel - Heavy Duty |
| 77 | Run out Adjustments |
| 78 | Anti – Vibration |
| 80 | Slim 3 ° |
| **82** | **Face Mill Holders (FMH)** |
| 82 | Standard |
| 84 | Through Coolant (FMH – K) |
| 86 | Anti – Vibration |
| 88 | Hydraulic Expansion (HC - FMH – K) |
| 89 | Hydraulic Expansion (HC - FMH – K – AD/AV) |
| **91** | **Die & Mold Chuck (DMC)** |
| 91 | Die & Mold Chuck (DMC) |
| **92** | **Power Milling Chuck (PMC)** |
| 92 | Power Milling Chuck (PMC) |
| **93** | **ER Collect Chuck** |
| 93 | Standard |
| 94 | M Type |
| **95** | **ER Collect Chuck** |
| 95 | Short Length - A |
| 96 | Long Series |
| 98 | Anti – Vibration |
| **100** | **Side Lock Adaptors** |
| 100 | Standard |
| 102 | Long Series |
| 106 | Anti – Vibration |
| **108** | **Morse Taper Adaptors (MTA)** |
| 108 | Morse Taper Adaptors (MTA) |
| **109** | **Boring Bar Blanks** |
| 109 | Boring Bar Blanks |
| **110** | **NC Drill Chuck** |
| 110 | NC Drill Chuck |
| **111** | **Quick Change Tapping Chuck** |
| 111 | Quick Change Tapping Chuck |
| **112** | **Minimum Length Compensation Tapping Chucks** |
| 112 | Minimum Length Compensation Tapping Chucks |

# CAT 50 (ANSI B 5.50) (AD)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

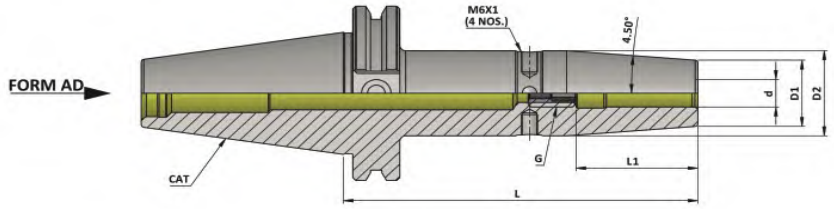



**METRIC**

| CAT 50 (ANSI B 5.50) (SFH 4.5$^0$ )(AD) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.C50.3m80.SFS.AD | CAT50 SFH03 080 AD/2.5G25000 SL | 3 | 10 | 20 | — | 80 | 12 |
| HK0.C50.3m120.SFS.AD | CAT50 SFH03 120 AD/2.5G25000 SL | 3 | 10 | 20 | — | 120 | 12 |
| HK0.C50.3m130.SFS.AD | CAT50 SFH03 130 AD/2.5G25000 SL | 3 | 10 | 20 | — | 130 | 12 |
| HK0.C50.3m160.SFS.AD | CAT50 SFH03 160 AD/2.5G25000 SL | 3 | 10 | 20 | — | 160 | 12 |
| HK0.C50.4m80.SFS.AD | CAT50 SFH04 080 AD/2.5G25000 SL | 4 | 15 | 22 | — | 80 | 14 |
| HK0.C50.4m120.SFS.AD | CAT50 SFH04 120 AD/2.5G25000 SL | 4 | 15 | 22 | — | 120 | 14 |
| HK0.C50.4m130.SFS.AD | CAT50 SFH04 130 AD/2.5G25000 SL | 4 | 15 | 22 | — | 130 | 14 |
| HK0.C50.4m160.SFS.AD | CAT50 SFH04 160 AD/2.5G25000 SL | 4 | 15 | 22 | — | 160 | 14 |
| HK0.C50.5m80.SFS.AD | CAT50 SFH05 080 AD/2.5G25000 SL | 5 | 15 | 22 | — | 80 | 15 |
| HK0.C50.5m120.SFS.AD | CAT50 SFH05 120 AD/2.5G25000 SL | 5 | 15 | 22 | — | 120 | 15 |
| HK0.C50.5m130.SFS.AD | CAT50 SFH05 130 AD/2.5G25000 SL | 5 | 15 | 22 | — | 130 | 15 |
| HK0.C50.5m160.SFS.AD | CAT50 SFH05 160 AD/2.5G25000 SL | 5 | 15 | 22 | — | 160 | 15 |
| HK0.C50.6m80.SFS.AD | CAT50 SFH06 080 AD/2.5G25000 SL | 6 | 21 | 27 | M5 | 80 | 36 |
| HK0.C50.6m120.SFS.AD | CAT50 SFH06 120 AD/2.5G25000 SL | 6 | 21 | 27 | M5 | 120 | 36 |
| HK0.C50.6m130.SFS.AD | CAT50 SFH06 130 AD/2.5G25000 SL | 6 | 21 | 27 | M5 | 130 | 36 |
| HK0.C50.6m160.SFS.AD | CAT50 SFH06 160 AD/2.5G25000 SL | 6 | 21 | 27 | M5 | 160 | 36 |
| HK0.C50.6m200.SFS.AD | CAT50 SFH06 200 AD/2.5G25000 SL | 6 | 21 | 27 | M5 | 200 | 36 |
| HK0.C50.8m80.SFS.AD | CAT50 SFH08 080 AD/2.5G25000 SL | 8 | 21 | 27 | M6 | 80 | 36 |
| HK0.C50.8m120.SFS.AD | CAT50 SFH08 120 AD/2.5G25000 SL | 8 | 21 | 27 | M6 | 120 | 36 |
| HK0.C50.8m130.SFS.AD | CAT50 SFH08 130 AD/2.5G25000 SL | 8 | 21 | 27 | M6 | 130 | 36 |
| HK0.C50.8m160.SFS.AD | CAT50 SFH08 160 AD/2.5G25000 SL | 8 | 21 | 27 | M6 | 160 | 36 |
| HK0.C50.8m200.SFS.AD | CAT50 SFH08 200 AD/2.5G25000 SL | 8 | 21 | 27 | M6 | 200 | 36 |
| HK0.C50.10m80.SFS.AD | CAT50 SFH10 080 AD/2.5G25000 SL | 10 | 24 | 31 | M8 | 80 | 41 |
| HK0.C50.10m120.SFS.AD | CAT50 SFH10 120 AD/2.5G25000 SL | 10 | 24 | 31 | M8 | 120 | 41 |
| HK0.C50.10m130.SFS.AD | CAT50 SFH10 130 AD/2.5G25000 SL | 10 | 24 | 31 | M8 | 130 | 41 |
| HK0.C50.10m160.SFS.AD | CAT50 SFH10 160 AD/2.5G25000 SL | 10 | 24 | 31 | M8 | 160 | 41 |
| HK0.C50.10m200.SFS.AD | CAT50 SFH10 200 AD/2.5G25000 SL | 10 | 24 | 31 | M8 | 200 | 41 |
| HK0.C50.12m80.SFS.AD | CAT50 SFH12 080 AD/2.5G25000 SL | 12 | 24 | 31 | M10 | 80 | 46 |
| HK0.C50.12m120.SFS.AD | CAT50 SFH12 120 AD/2.5G25000 SL | 12 | 24 | 31 | M10 | 120 | 46 |
| HK0.C50.12m130.SFS.AD | CAT50 SFH12 130 AD/2.5G25000 SL | 12 | 24 | 31 | M10 | 130 | 46 |
| HK0.C50.12m160.SFS.AD | CAT50 SFH12 160 AD/2.5G25000 SL | 12 | 24 | 31 | M10 | 160 | 46 |
| HK0.C50.12m200.SFS.AD | CAT50 SFH12 200 AD/2.5G25000 SL | 12 | 24 | 31 | M10 | 200 | 46 |
| HK0.C50.14m80.SFS.AD | CAT50 SFH14 080 AD/2.5G25000 SL | 14 | 27 | 34 | M10 | 80 | 46 |
| HK0.C50.14m120.SFS.AD | CAT50 SFH14 120 AD/2.5G25000 SL | 14 | 27 | 34 | M10 | 120 | 46 |
| HK0.C50.14m130.SFS.AD | CAT50 SFH14 130 AD/2.5G25000 SL | 14 | 27 | 34 | M10 | 130 | 46 |
| HK0.C50.14m160.SFS.AD | CAT50 SFH14 160 AD/2.5G25000 SL | 14 | 27 | 34 | M10 | 160 | 46 |
| HK0.C50.14m200.SFS.AD | CAT50 SFH14 200 AD/2.5G25000 SL | 14 | 27 | 34 | M10 | 200 | 46 |

# CAT 50 (ANSI B 5.50) (AD)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

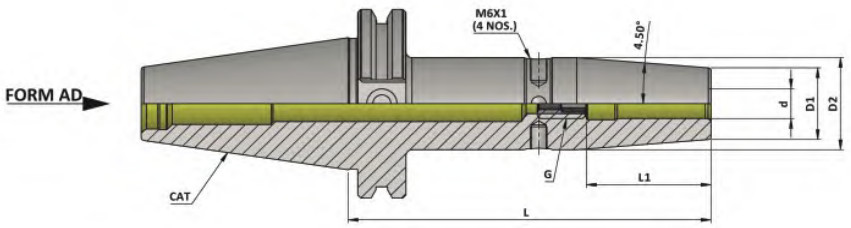



**METRIC**

| CAT 50 (ANSI B 5.50) (SFH 4.5$^0$ )(AD) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.C50.16m80.SFS.AD | CAT50 SFH16 080 AD/2.5G25000 SL | 16 | 27 | 34 | M12 | 80 | 49 |
| HK0.C50.16m120.SFS.AD | CAT50 SFH16 120 AD/2.5G25000 SL | 16 | 27 | 34 | M12 | 120 | 49 |
| HK0.C50.16m130.SFS.AD | CAT50 SFH16 130 AD/2.5G25000 SL | 16 | 27 | 34 | M12 | 130 | 49 |
| HK0.C50.16m160.SFS.AD | CAT50 SFH16 160 AD/2.5G25000 SL | 16 | 27 | 34 | M12 | 160 | 49 |
| HK0.C50.16m200.SFS.AD | CAT50 SFH16 200 AD/2.5G25000 SL | 16 | 27 | 34 | M12 | 200 | 49 |
| HK0.C50.18m80.SFS.AD | CAT50 SFH18 080 AD/2.5G25000 SL | 18 | 33 | 40 | M12 | 80 | 49 |
| HK0.C50.18m120.SFS.AD | CAT50 SFH18 120 AD/2.5G25000 SL | 18 | 33 | 40 | M12 | 120 | 49 |
| HK0.C50.18m130.SFS.AD | CAT50 SFH18 130 AD/2.5G25000 SL | 18 | 33 | 40 | M12 | 130 | 49 |
| HK0.C50.18m160.SFS.AD | CAT50 SFH18 160 AD/2.5G25000 SL | 18 | 33 | 40 | M12 | 160 | 49 |
| HK0.C50.18m200.SFS.AD | CAT50 SFH18 200 AD/2.5G25000 SL | 18 | 33 | 40 | M12 | 200 | 49 |
| HK0.C50.20m80.SFS.AD | CAT50 SFH20 080 AD/2.5G25000 SL | 20 | 33 | 40 | M16 | 80 | 51 |
| HK0.C50.20m120.SFS.AD | CAT50 SFH20 120 AD/2.5G25000 SL | 20 | 33 | 40 | M16 | 120 | 51 |
| HK0.C50.20m130.SFS.AD | CAT50 SFH20 130 AD/2.5G25000 SL | 20 | 33 | 40 | M16 | 130 | 51 |
| HK0.C50.20m160.SFS.AD | CAT50 SFH20 160 AD/2.5G25000 SL | 20 | 33 | 40 | M16 | 160 | 51 |
| HK0.C50.20m200.SFS.AD | CAT50 SFH20 200 AD/2.5G25000 SL | 20 | 33 | 40 | M16 | 200 | 51 |
| HK0.C50.25m100.SFS.AD | CAT50 SFH25 100 AD/2.5G25000 SL | 25 | 44 | 53 | M16 | 100 | 57 |
| HK0.C50.25m120.SFS.AD | CAT50 SFH25 120 AD/2.5G25000 SL | 25 | 44 | 53 | M16 | 120 | 57 |
| HK0.C50.25m130.SFS.AD | CAT50 SFH25 130 AD/2.5G25000 SL | 25 | 44 | 53 | M16 | 130 | 57 |
| HK0.C50.25m160.SFS.AD | CAT50 SFH25 160 AD/2.5G25000 SL | 25 | 44 | 53 | M16 | 160 | 57 |
| HK0.C50.25m200.SFS.AD | CAT50 SFH25 200 AD/2.5G25000 SL | 25 | 44 | 53 | M16 | 200 | 57 |
| HK0.C50.32m100.SFS.AD | CAT50 SFH32 100 AD/2.5G25000 SL | 32 | 44 | 53 | M16 | 100 | 61 |
| HK0.C50.32m120.SFS.AD | CAT50 SFH32 120 AD/2.5G25000 SL | 32 | 44 | 53 | M16 | 120 | 61 |
| HK0.C50.32m130.SFS.AD | CAT50 SFH32 130 AD/2.5G25000 SL | 32 | 44 | 53 | M16 | 130 | 61 |
| HK0.C50.32m160.SFS.AD | CAT50 SFH32 160 AD/2.5G25000 SL | 32 | 44 | 53 | M16 | 160 | 61 |
| HK0.C50.32m200.SFS.AD | CAT50 SFH32 200 AD/2.5G25000 SL | 32 | 44 | 53 | M16 | 200 | 61 |

# CAT 50 (ANSI B 5.50) (AD)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

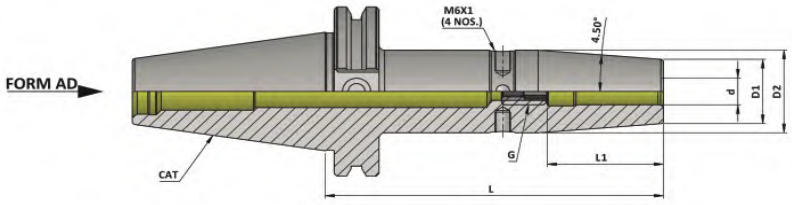



**INCH**

| CAT 50 (ANSI B 5.50) (SFH 4.5$^0$ )(AD) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.C50.1/8z315.SFS.AD | CAT50 SFH1/8'' 3.15'' AD/ 2.5G 25000 SL | 1/8" | 0.394" | 0.787" | — | 3.15" | 0.472" |
| HK0.C50.1/8z472.SFS.AD | CAT50 SFH1/8'' 4.72'' AD/ 2.5G 25000 SL | 1/8" | 0.394" | 0.787" | — | 4.72" | 0.472" |
| HK0.C50.1/8z512.SFS.AD | CAT50 SFH1/8'' 5.12'' AD/ 2.5G 25000 SL | 1/8" | 0.394" | 0.787" | — | 5.12" | 0.472" |
| HK0.C50.1/8z630.SFS.AD | CAT50 SFH1/8'' 6.30'' AD/ 2.5G 25000 SL | 1/8" | 0.394" | 0.787" | — | 6.30" | 0.472" |
| HK0.C50.3/16z315.SFS.AD | CAT50 SFH3/16'' 3.15'' AD/ 2.5G 25000 SL | 3/16" | 0.591" | 0.866" | — | 3.15" | 0.551" |
| HK0.C50.3/16z472.SFS.AD | CAT50 SFH3/16'' 4.72'' AD/ 2.5G 25000 SL | 3/16" | 0.591" | 0.866" | — | 4.72" | 0.551" |
| HK0.C50.3/16z512.SFS.AD | CAT50 SFH3/16'' 5.12'' AD/ 2.5G 25000 SL | 3/16" | 0.591" | 0.866" | — | 5.12" | 0.551" |
| HK0.C50.3/16z630.SFS.AD | CAT50 SFH3/16'' 6.30'' AD/ 2.5G 25000 SL | 3/16" | 0.591" | 0.866" | — | 6.30" | 0.551" |
| HK0.C50.1/4z315.SFS.AD | CAT50 SFH1/4'' 3.15'' AD/ 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 3.15" | 1.417" |
| HK0.C50.1/4z472.SFS.AD | CAT50 SFH1/4'' 4.72'' AD/ 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 4.72" | 1.417" |
| HK0.C50.1/4z512.SFS.AD | CAT50 SFH1/4'' 5.12'' AD/ 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 5.12" | 1.417" |
| HK0.C50.1/4z630.SFS.AD | CAT50 SFH1/4'' 6.30'' AD/ 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 6.30" | 1.417" |
| HK0.C50.1/4z787.SFS.AD | CAT50 SFH1/4'' 7.87'' AD/ 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 7.87" | 1.417" |
| HK0.C50.5/16z315.SFS.AD | CAT50 SFH5/16'' 3.15'' AD/ 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 3.15" | 1.417" |
| HK0.C50.5/16z472.SFS.AD | CAT50 SFH5/16'' 4.72'' AD/ 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 4.72" | 1.417" |
| HK0.C50.5/16z512.SFS.AD | CAT50 SFH5/16'' 5.12'' AD/ 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 5.12" | 1.417" |
| HK0.C50.5/16z630.SFS.AD | CAT50 SFH5/16'' 6.30'' AD/ 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 6.30" | 1.417" |
| HK0.C50.5/16z787.SFS.AD | CAT50 SFH5/16'' 7.87'' AD/ 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 7.87" | 1.417" |
| HK0.C50.3/8z315.SFS.AD | CAT50 SFH3/8'' 3.15'' AD/ 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 3.15" | 1.614" |
| HK0.C50.3/8z472.SFS.AD | CAT50 SFH3/8'' 4.72'' AD/ 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 4.72" | 1.614" |
| HK0.C50.3/8z512.SFS.AD | CAT50 SFH3/8'' 5.12'' AD/ 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 5.12" | 1.614" |
| HK0.C50.3/8z630.SFS.AD | CAT50 SFH3/8'' 6.30'' AD/ 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 6.30" | 1.614" |
| HK0.C50.3/8z787.SFS.AD | CAT50 SFH3/8'' 7.87'' AD/ 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 7.87" | 1.614" |
| HK0.C50.7/16z315.SFS.AD | CAT50 SFH7/16'' 3.15'' AD/ 2.5G 25000 SL | 7/16" | 0.945" | 1.22" | M10 | 3.15" | 1.811" |
| HK0.C50.7/16z472.SFS.AD | CAT50 SFH7/16'' 4.72'' AD/ 2.5G 25000 SL | 7/16" | 0.945" | 1.22" | M10 | 4.72" | 1.811" |
| HK0.C50.7/16z512.SFS.AD | CAT50 SFH7/16'' 5.12'' AD/ 2.5G 25000 SL | 7/16" | 0.945" | 1.22" | M10 | 5.12" | 1.811" |
| HK0.C50.7/16z630.SFS.AD | CAT50 SFH7/16'' 6.30'' AD/ 2.5G 25000 SL | 7/16" | 0.945" | 1.22" | M10 | 6.30" | 1.811" |
| HK0.C50.7/16z787.SFS.AD | CAT50 SFH7/16'' 7.87 AD/ 2.5G 25000 SL | 7/16" | 0.945" | 1.22" | M10 | 7.87" | 1.811" |
| HK0.C50.1/2z315.SFS.AD | CAT50 SFH1/2'' 3.15'' AD/ 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 3.15" | 1.811" |
| HK0.C50.1/2z472.SFS.AD | CAT50 SFH1/2'' 4.72'' AD/ 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 4.72" | 1.811" |
| HK0.C50.1/2z512.SFS.AD | CAT50 SFH1/2'' 5.12'' AD/ 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 5.12" | 1.811" |
| HK0.C50.1/2z630.SFS.AD | CAT50 SFH1/2'' 6.30'' AD/ 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 6.30" | 1.811" |
| HK0.C50.1/2z787.SFS.AD | CAT50 SFH1/2'' 7.87'' AD/ 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 7.87" | 1.811" |

# CAT 50 (ANSI B 5.50) (AD)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

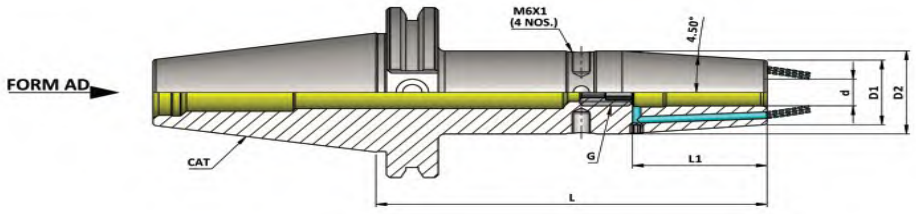



**INCH**

| CAT 50 (ANSI B 5.50) (SFH 4.5$^0$ )(AD) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.C50.5/8z315.SFS.AD | CAT50 SFH5/8'' 3.15'' AD/ 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 3.15" | 1.929" |
| HK0.C50.5/8z472.SFS.AD | CAT50 SFH5/8'' 4.72'' AD/ 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 4.72" | 1.929" |
| HK0.C50.5/8z512.SFS.AD | CAT50 SFH5/8'' 5.12'' AD/ 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 5.12" | 1.929" |
| HK0.C50.5/8z630.SFS.AD | CAT50 SFH5/8'' 6.30'' AD/ 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 6.30" | 1.929" |
| HK0.C50.5/8z787.SFS.AD | CAT50 SFH5/8'' 7.87'' AD/ 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 7.87" | 1.929" |
| HK0.C50.3/4z315.SFS.AD | CAT50 SFH3/4'' 3.15'' AD/ 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 3.15" | 2.008" |
| HK0.C50.3/4z472.SFS.AD | CAT50 SFH3/4'' 4.72'' AD/ 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 4.72" | 2.008" |
| HK0.C50.3/4z512.SFS.AD | CAT50 SFH3/4'' 5.12'' AD/ 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 5.12" | 2.008" |
| HK0.C50.3/4z630.SFS.AD | CAT50 SFH3/4'' 6.30'' AD/ 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 6.30" | 2.008" |
| HK0.C50.3/4z787.SFS.AD | CAT50 SFH3/4'' 7.87'' AD/ 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 7.87" | 2.008" |
| HK0.C50.1z394.SFS.AD | CAT50 SFH1.0'' 3.94'' AD/ 2.5G 25000 SL | 1" | 1.732" | 2.087" | M16 | 3.94" | 2.244" |
| HK0.C50.1z472.SFS.AD | CAT50 SFH1.0'' 4.72'' AD/ 2.5G 25000 SL | 1" | 1.732" | 2.087" | M16 | 4.72" | 2.244" |
| HK0.C50.1z512.SFS.AD | CAT50 SFH1.0'' 5.12'' AD/ 2.5G 25000 SL | 1" | 1.732" | 2.087" | M16 | 5.12" | 2.244" |
| HK0.C50.1z630.SFS.AD | CAT50 SFH1.0'' 6.30 AD/ 2.5G 25000 SL | 1" | 1.732" | 2.087" | M16 | 6.30" | 2.244" |
| HK0.C50.1z787.SFS.AD | CAT50 SFH1.0'' 7.87'' AD/ 2.5G 25000 SL | 1" | 1.732" | 2.087" | M16 | 7.87" | 2.244" |
| HK0.C50.11/4z394.SFS.AD | CAT50SFH1-1/4''3.94''AD/2.5G25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 3.94" | 2.402" |
| HK0.C50.11/4z472.SFS.AD | CAT50SFH1-1/4''4.72''AD/2.5G25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 4.72" | 2.402" |
| HK0.C50.11/4z512.SFS.AD | CAT50SFH1-1/4''5.12''AD/2.5G25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 5.12" | 2.402" |
| HK0.C50.11/4z630.SFS.AD | CAT50SFH1-1/4''6.30''AD/2.5G25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 6.30" | 2.402" |
| HK0.C50.11/4z787.SFS.AD | CAT50SFH1-1/4''7.87''AD/2.5G25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 7.87" | 2.402" |

# CAT 50 (ANSI B 5.50) (AD) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

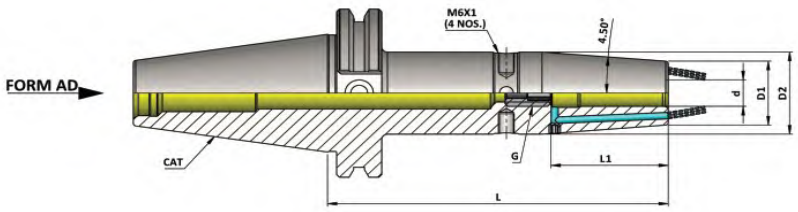



**METRIC**

| CAT 50 (ANSI B 5.50) (SFH FCC 4.5°) (AD) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.C50.3m80.SFF.AD | CAT50SFH03080FCCAD/2.5G25000SL | 3 | 10 | 20 | — | 80 | 12 |
| HK0.C50.3m120.SFF.AD | CAT50SFH03120FCCAD/2.5G25000SL | 3 | 10 | 20 | — | 120 | 12 |
| HK0.C50.3m130.SFF.AD | CAT50SFH03130FCCAD/2.5G25000SL | 3 | 10 | 20 | — | 130 | 12 |
| HK0.C50.3m160.SFF.AD | CAT50SFH03160FCCAD/2.5G25000SL | 3 | 10 | 20 | — | 160 | 12 |
| HK0.C50.4m80.SFF.AD | CAT50SFH04080FCCAD/2.5G25000SL | 4 | 15 | 22 | — | 80 | 14 |
| HK0.C50.4m120.SFF.AD | CAT50SFH04120FCCAD/2.5G25000SL | 4 | 15 | 22 | — | 120 | 14 |
| HK0.C50.4m130.SFF.AD | CAT50SFH04130FCCAD/2.5G25000SL | 4 | 15 | 22 | — | 130 | 14 |
| HK0.C50.4m160.SFF.AD | CAT50SFH04160FCCAD/2.5G25000SL | 4 | 15 | 22 | — | 160 | 14 |
| HK0.C50.5m80.SFF.AD | CAT50SFH05080FCCAD/2.5G25000SL | 5 | 15 | 22 | — | 80 | 15 |
| HK0.C50.5m120.SFF.AD | CAT50SFH05120FCCAD/2.5G25000SL | 5 | 15 | 22 | — | 120 | 15 |
| HK0.C50.5m130.SFF.AD | CAT50SFH05130FCCAD/2.5G25000SL | 5 | 15 | 22 | — | 130 | 15 |
| HK0.C50.5m160.SFF.AD | CAT50SFH05160FCCAD/2.5G25000SL | 5 | 15 | 22 | — | 160 | 15 |
| HK0.C50.6m80.SFF.AD | CAT50SFH06080FCCAD/2.5G25000SL | 6 | 21 | 27 | M5 | 80 | 36 |
| HK0.C50.6m120.SFF.AD | CAT50SFH06120FCCAD/2.5G25000SL | 6 | 21 | 27 | M5 | 120 | 36 |
| HK0.C50.6m130.SFF.AD | CAT50SFH06130FCCAD/2.5G25000SL | 6 | 21 | 27 | M5 | 130 | 36 |
| HK0.C50.6m160.SFF.AD | CAT50SFH06160FCCAD/2.5G25000SL | 6 | 21 | 27 | M5 | 160 | 36 |
| HK0.C50.8m80.SFF.AD | CAT50SFH08080FCCAD/2.5G25000SL | 8 | 21 | 27 | M6 | 80 | 36 |
| HK0.C50.8m120.SFF.AD | CAT50SFH08120FCCAD/2.5G25000SL | 8 | 21 | 27 | M6 | 120 | 36 |
| HK0.C50.8m130.SFF.AD | CAT50SFH08130FCCAD/2.5G25000SL | 8 | 21 | 27 | M6 | 130 | 36 |
| HK0.C50.8m160.SFF.AD | CAT50SFH08160FCCAD/2.5G25000SL | 8 | 21 | 27 | M6 | 160 | 36 |
| HK0.C50.10m80.SFF.AD | CAT50SFH10080FCCAD/2.5G25000SL | 10 | 24 | 31 | M8 | 80 | 41 |
| HK0.C50.10m120.SFF.AD | CAT50SFH10120FCCAD/2.5G25000SL | 10 | 24 | 31 | M8 | 120 | 41 |
| HK0.C50.10m130.SFF.AD | CAT50SFH10130FCCAD/2.5G25000SL | 10 | 24 | 31 | M8 | 130 | 41 |
| HK0.C50.10m160.SFF.AD | CAT50SFH10160FCCAD/2.5G25000SL | 10 | 24 | 31 | M8 | 160 | 41 |
| HK0.C50.12m80.SFF.AD | CAT50SFH12080FCCAD/2.5G25000SL | 12 | 24 | 31 | M10 | 80 | 46 |
| HK0.C50.12m120.SFF.AD | CAT50SFH12130FCCAD/2.5G25000SL | 12 | 24 | 31 | M10 | 120 | 46 |
| HK0.C50.12m130.SFF.AD | CAT50SFH12120FCCAD/2.5G25000SL | 12 | 24 | 31 | M10 | 130 | 46 |
| HK0.C50.12m160.SFF.AD | CAT50SFH12160FCCAD/2.5G25000SL | 12 | 24 | 31 | M10 | 160 | 46 |
| HK0.C50.14m80.SFF.AD | CAT50SFH14080FCCAD/2.5G25000SL | 14 | 27 | 34 | M10 | 80 | 46 |
| HK0.C50.14m120.SFF.AD | CAT50SFH14120FCCAD/2.5G25000SL | 14 | 27 | 34 | M10 | 120 | 46 |
| HK0.C50.14m130.SFF.AD | CAT50SFH14130FCCAD/2.5G25000SL | 14 | 27 | 34 | M10 | 130 | 46 |
| HK0.C50.14m160.SFF.AD | CAT50SFH14160FCCAD/2.5G25000SL | 14 | 27 | 34 | M10 | 160 | 46 |
| HK0.C50.14m80.SFS.AD | CAT50 SFH14 080 AD/2.5G25000 SL | 14 | 27 | 34 | M10 | 80 | 46 |
| HK0.C50.14m120.SFS.AD | CAT50 SFH14 120 AD/2.5G25000 SL | 14 | 27 | 34 | M10 | 120 | 46 |

# CAT 50 (ANSI B 5.50) (AD) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

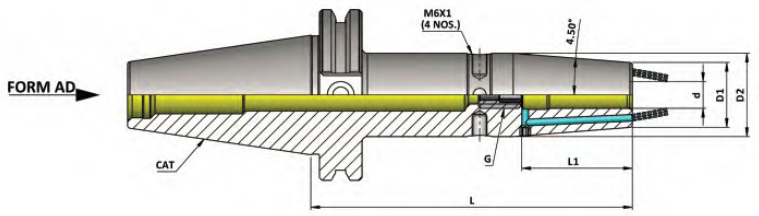



**METRIC**

| CAT 50 (ANSI B 5.50) (SFH FCC 4.5°) (AD) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.C50.16m80.SFF.AD | CAT50 SFH16 080 FCC AD/ 2.5G 25000SL | 16 | 27 | 34 | M12 | 80 | 49 |
| HK0.C50.16m120.SFF.AD | CAT50 SFH16 120 FCC AD/ 2.5G 25000SL | 16 | 27 | 34 | M12 | 120 | 49 |
| HK0.C50.16m130.SFF.AD | CAT50 SFH16 130 FCC AD/ 2.5G 25000SL | 16 | 27 | 34 | M12 | 130 | 49 |
| HK0.C50.16m160.SFF.AD | CAT50 SFH16 160 FCC AD/ 2.5G 25000SL | 16 | 27 | 34 | M12 | 160 | 49 |
| HK0.C50.18m80.SFF.AD | CAT50 SFH18 080 FCC AD/ 2.5G 25000SL | 18 | 33 | 40 | M12 | 80 | 49 |
| HK0.C50.18m120.SFF.AD | CAT50 SFH18 120 FCC AD/ 2.5G 25000SL | 18 | 33 | 40 | M12 | 120 | 49 |
| HK0.C50.18m130.SFF.AD | CAT50 SFH18 130 FCC AD/ 2.5G 25000SL | 18 | 33 | 40 | M12 | 130 | 49 |
| HK0.C50.18m160.SFF.AD | CAT50 SFH18 160 FCC AD/ 2.5G 25000SL | 18 | 33 | 40 | M12 | 160 | 49 |
| HK0.C50.20m80.SFF.AD | CAT50 SFH20 080 FCC AD/ 2.5G 25000SL | 20 | 33 | 40 | M16 | 80 | 51 |
| HK0.C50.20m120.SFF.AD | CAT50 SFH20 120 FCC AD/ 2.5G 25000SL | 20 | 33 | 40 | M16 | 120 | 51 |
| HK0.C50.20m130.SFF.AD | CAT50 SFH20 130 FCC AD/ 2.5G 25000SL | 20 | 33 | 40 | M16 | 130 | 51 |
| HK0.C50.20m160.SFF.AD | CAT50 SFH20 160 FCC AD/ 2.5G 25000SL | 20 | 33 | 40 | M16 | 160 | 51 |
| HK0.C50.25m100.SFF.AD | CAT50 SFH25 100 FCC AD/ 2.5G 25000SL | 25 | 44 | 53 | M16 | 100 | 57 |
| HK0.C50.25m120.SFF.AD | CAT50 SFH25 120 FCC AD/ 2.5G 25000SL | 25 | 44 | 53 | M16 | 120 | 57 |
| HK0.C50.25m130.SFF.AD | CAT50 SFH25 130 FCC AD/ 2.5G 25000SL | 25 | 44 | 53 | M16 | 130 | 57 |
| HK0.C50.25m160.SFF.AD | CAT50 SFH25 160 FCC AD/ 2.5G 25000SL | 25 | 44 | 53 | M16 | 160 | 57 |
| HK0.C50.32m100.SFF.AD | CAT50 SFH32 100 FCC AD/ 2.5G 25000SL | 32 | 44 | 53 | M16 | 100 | 61 |
| HK0.C50.32m120.SFF.AD | CAT50 SFH32 120 FCC AD/ 2.5G 25000SL | 32 | 44 | 53 | M16 | 120 | 61 |
| HK0.C50.32m130.SFF.AD | CAT50 SFH32 130 FCC AD/ 2.5G 25000SL | 32 | 44 | 53 | M16 | 130 | 61 |
| HK0.C50.32m160.SFF.AD | CAT50 SFH32 160 FCC AD/ 2.5G 25000SL | 32 | 44 | 53 | M16 | 160 | 61 |

# CAT 50 (ANSI B 5.50) (AD) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

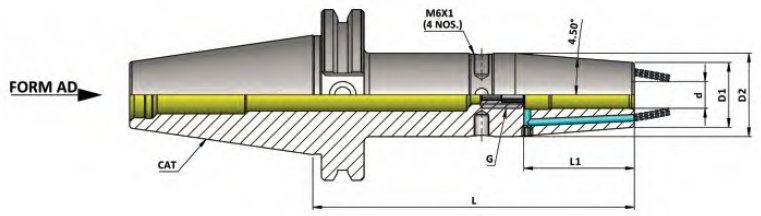



**INCH**

| CAT 50 (ANSI B 5.50) (SFH FCC 4.5°) (AD) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.C50.1/8z315.SFF.AD | CAT50 SFH1/8'' 3.15'' FCC AD/ 2.5G 25000SL | 1/8" | 0.394" | 0.787" | — | 3.15" | 0.472" |
| HK0.C50.1/8z472.SFF.AD | CAT50 SFH1/8'' 4.72'' FCC AD/ 2.5G 25000SL | 1/8" | 0.394" | 0.787" | — | 4.72" | 0.472" |
| HK0.C50.1/8z512.SFF.AD | CAT50 SFH1/8'' 5.12'' FCC AD/ 2.5G 25000SL | 1/8" | 0.394" | 0.787" | — | 5.12" | 0.472" |
| HK0.C50.1/8z630.SFF.AD | CAT50 SFH1/8'' 6.30'' FCC AD/ 2.5G 25000SL | 1/8" | 0.394" | 0.787" | — | 6.30" | 0.472" |
| HK0.C50.3/16z315.SFF.AD | CAT50 SFH3/16'' 3.15'' FCC AD/ 2.5G 25000SL | 3/16" | 0.591" | 0.866" | — | 3.15" | 0.551" |
| HK0.C50.3/16z472.SFF.AD | CAT50 SFH3/16'' 5.12 FCC AD/ 2.5G 25000SL | 3/16" | 0.591" | 0.866" | — | 4.72" | 0.551" |
| HK0.C50.3/16z512.SFF.AD | CAT50 SFH3/16'' 4.72'' FCC AD/ 2.5G 25000SL | 3/16" | 0.591" | 0.866" | — | 5.12" | 0.551" |
| HK0.C50.3/16z630.SFF.AD | CAT50 SFH3/16'' 6.30'' FCC AD/ 2.5G 25000SL | 3/16" | 0.591" | 0.866" | — | 6.30" | 0.551" |
| HK0.C50.1/4z315.SFF.AD | CAT50 SFH1/4'' 3.15'' FCC AD/ 2.5G 25000SL | 1/4" | 0.827" | 1.063" | M5 | 3.15" | 1.417" |
| HK0.C50.1/4z472.SFF.AD | CAT50 SFH1/4'' 4.72'' FCC AD/ 2.5G 25000SL | 1/4" | 0.827" | 1.063" | M5 | 4.72" | 1.417" |
| HK0.C50.1/4z512.SFF.AD | CAT50 SFH1/4'' 5.12'' FCC AD/ 2.5G 25000SL | 1/4" | 0.827" | 1.063" | M5 | 5.12" | 1.417" |
| HK0.C50.1/4z630.SFF.AD | CAT50 SFH1/4'' 6.30'' FCC AD/ 2.5G 25000SL | 1/4" | 0.827" | 1.063" | M5 | 6.30" | 1.417" |
| HK0.C50.5/16z315.SFF.AD | CAT50 SFH5/16'' 3.15'' FCC AD/ 2.5G 25000SL | 5/16" | 0.827" | 1.063" | M6 | 3.15" | 1.417" |
| HK0.C50.5/16z472.SFF.AD | CAT50 SFH5/16'' 4.72'' FCC AD/ 2.5G 25000SL | 5/16" | 0.827" | 1.063" | M6 | 4.72" | 1.417" |
| HK0.C50.5/16z512.SFF.AD | CAT50 SFH5/16'' 5.12'' FCC AD/ 2.5G 25000SL | 5/16" | 0.827" | 1.063" | M6 | 5.12" | 1.417" |
| HK0.C50.5/16z630.SFF.AD | CAT50 SFH5/16'' 6.30'' FCC AD/ 2.5G 25000SL | 5/16" | 0.827" | 1.063" | M6 | 6.30" | 1.417" |
| HK0.C50.3/8z315.SFF.AD | CAT50 SFH3/8'' 3.15'' FCC AD/ 2.5G 25000SL | 3/8" | 0.945" | 1.22" | M8 | 3.15" | 1.614" |
| HK0.C50.3/8z472.SFF.AD | CAT50 SFH3/8'' 4.72'' FCC AD/ 2.5G 25000SL | 3/8" | 0.945" | 1.22" | M8 | 4.72" | 1.614" |
| HK0.C50.3/8z512.SFF.AD | CAT50 SFH3/8'' 5.12'' FCC AD/ 2.5G 25000SL | 3/8" | 0.945" | 1.22" | M8 | 5.12" | 1.614" |
| HK0.C50.3/8z630.SFF.AD | CAT50 SFH3/8'' 6.30'' FCC AD/ 2.5G 25000SL | 3/8" | 0.945" | 1.22" | M8 | 6.30" | 1.614" |
| HK0.C50.7/16z315.SFF.AD | CAT50 SFH7/16'' 3.15 FCC AD/ 2.5G 25000SL | 7/16" | 0.945" | 1.22" | M10 | 3.15" | 1.811" |
| HK0.C50.7/16z472.SFF.AD | CAT50 SFH7/16'' 4.72'' FCC AD/ 2.5G 25000SL | 7/16" | 0.945" | 1.22" | M10 | 4.72" | 1.811" |
| HK0.C50.7/16z512.SFF.AD | CAT50 SFH7/16'' 5.12 FCC AD/ 2.5G 25000SL | 7/16" | 0.945" | 1.22" | M10 | 5.12" | 1.811" |
| HK0.C50.7/16z630.SFF.AD | CAT50 SFH7/16'' 6.30'' FCC AD/ 2.5G 25000SL | 7/16" | 0.945" | 1.22" | M10 | 6.30" | 1.811" |
| HK0.C50.1/2z315.SFF.AD | CAT50 SFH1/2'' 3.15'' FCC AD/ 2.5G 25000SL | 1/2" | 0.945" | 1.22" | M10 | 3.15" | 1.811" |
| HK0.C50.1/2z472.SFF.AD | CAT50 SFH1/2'' 4.72'' FCC AD/ 2.5G 25000SL | 1/2" | 0.945" | 1.22" | M10 | 4.72" | 1.811" |
| HK0.C50.1/2z512.SFF.AD | CAT50 SFH1/2'' 5.12'' FCC AD/ 2.5G 25000SL | 1/2" | 0.945" | 1.22" | M10 | 5.12" | 1.811" |
| HK0.C50.1/2z630.SFF.AD | CAT50 SFH1/2'' 6.30'' FCC AD/ 2.5G 25000SL | 1/2" | 0.945" | 1.22" | M10 | 6.30" | 1.811" |
| HK0.C50.5/8z315.SFF.AD | CAT50 SFH5/8'' 3.15'' FCC AD/ 2.5G 25000SL | 5/8" | 1.063" | 1.339" | M12 | 3.15" | 1.929" |
| HK0.C50.5/8z472.SFF.AD | CAT50 SFH5/8'' 4.72'' FCC AD/ 2.5G 25000SL | 5/8" | 1.063" | 1.339" | M12 | 4.72" | 1.929" |
| HK0.C50.5/8z512.SFF.AD | CAT50 SFH5/8'' 5.12'' FCC AD/ 2.5G 25000SL | 5/8" | 1.063" | 1.339" | M12 | 5.12" | 1.929" |
| HK0.C50.5/8z630.SFF.AD | CAT50 SFH5/8'' 6.30'' FCC AD/ 2.5G 25000SL | 5/8" | 1.063" | 1.339" | M12 | 6.30" | 1.929" |

# CAT 50 (ANSI B 5.50) (AD) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5° )

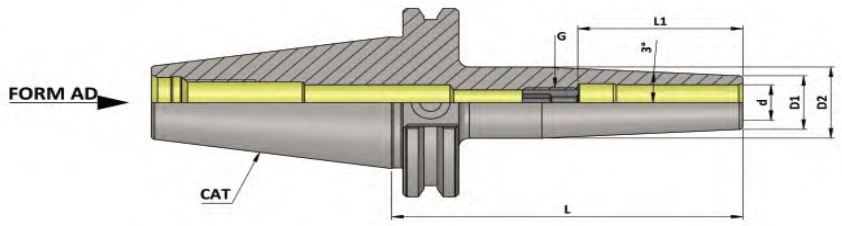
Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**INCH**

| CAT 50 (ANSI B 5.50) (SFH FCC 4.5°) (AD) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.C50.3/4z315.SFF.AD | CAT50 SFH3/4'' 3.15'' FCC AD/ 2.5G 25000SL | 3/4" | 1.299" | 1.575" | M16 | 3.15" | 2.008" |
| HK0.C50.3/4z472.SFF.AD | CAT50 SFH3/4'' 4.72'' FCC AD/ 2.5G 25000SL | 3/4" | 1.299" | 1.575" | M16 | 4.72" | 2.008" |
| HK0.C50.3/4z512.SFF.AD | CAT50 SFH3/4'' 5.12'' FCC AD/ 2.5G 25000SL | 3/4" | 1.299" | 1.575" | M16 | 5.12" | 2.008" |
| HK0.C50.3/4z630.SFF.AD | CAT50 SFH3/4'' 6.30'' FCC AD/ 2.5G 25000SL | 3/4" | 1.299" | 1.575" | M16 | 6.30" | 2.008" |
| HK0.C50.1z394.SFF.AD | CAT50 SFH1.0'' 3.94'' FCC AD/ 2.5G 25000SL | 1" | 1.732" | 2.087" | M16 | 3.94" | 2.244" |
| HK0.C50.1z472.SFF.AD | CAT50 SFH1.0'' 4.72'' FCC AD/ 2.5G 25000SL | 1" | 1.732" | 2.087" | M16 | 4.72" | 2.244" |
| HK0.C50.1z512.SFF.AD | CAT50 SFH1.0'' 5.12'' FCC AD/ 2.5G 25000SL | 1" | 1.732" | 2.087" | M16 | 5.12" | 2.244" |
| HK0.C50.1z630.SFF.AD | CAT50 SFH1.0'' 6.30'' FCC AD/ 2.5G 25000SL | 1" | 1.732" | 2.087" | M16 | 6.30" | 2.244" |
| HK0.C50.11/4z394.SFF.AD | CAT50SFH1-1/4''3.94''FCCAD/2.5G25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 3.94" | 2.402" |
| HK0.C50.11/4z472.SFF.AD | CAT50SFH1-1/4''4.72''FCCAD/2.5G25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 4.72" | 2.402" |
| HK0.C50.11/4z512.SFF.AD | CAT50SFH1-1/4''5.12''FCCAD/2.5G25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 5.12" | 2.402" |
| HK0.C50.11/4z630.SFF.AD | CAT50SFH1-1/4''6.30''FCCAD/2.5G25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 6.30" | 2.402" |

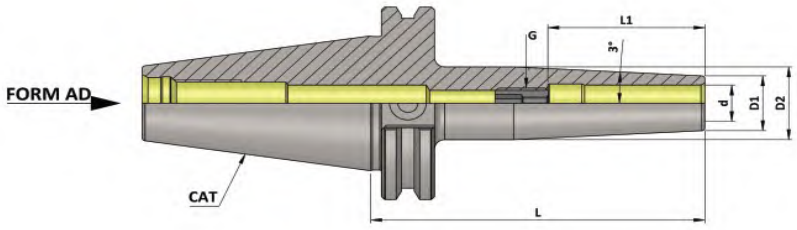
# CAT 50 (ANSI B 5.50) (AD)
# Shrink Fit Holder Slim 3 Degree (SFH Slim 3° )




**METRIC**

| CAT (ANSI B 5.50) (SFH SLIM 3°) (AD) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.C50.3m80.SF3.AD | CAT50 SFH03 080 SLIM AD/2.5G25000 SL | 3 | 9 | 14 | — | 80 | 12 |
| HK0.C50.3m120.SF3.AD | CAT50 SFH03 120 SLIM AD/2.5G25000 SL | 3 | 9 | 18 | — | 120 | 12 |
| HK0.C50.3m130.SF3.AD | CAT50 SFH03 130 SLIM AD/2.5G25000 SL | 3 | 9 | 18 | — | 130 | 12 |
| HK0.C50.4m80.SF3.AD | CAT50 SFH04 080 SLIM AD/2.5G25000 SL | 4 | 10 | 15 | — | 80 | 14 |
| HK0.C50.4m120.SF3.AD | CAT50 SFH04 120 SLIM AD/2.5G25000 SL | 4 | 10 | 19 | — | 120 | 14 |
| HK0.C50.4m130.SF3.AD | CAT50 SFH04 130 SLIM AD/2.5G25000 SL | 4 | 10 | 19 | — | 130 | 14 |
| HK0.C50.5m80.SF3.AD | CAT50 SFH05 080 SLIM AD/2.5G25000 SL | 5 | 11 | 16 | — | 80 | 15 |
| HK0.C50.5m120.SF3.AD | CAT50 SFH05 120 SLIM AD/2.5G25000 SL | 5 | 11 | 20 | — | 120 | 15 |
| HK0.C50.5m130.SF3.AD | CAT50 SFH05 130 SLIM AD/2.5G25000 SL | 5 | 11 | 20 | — | 130 | 15 |
| HK0.C50.6m80.SF3.AD | CAT50 SFH06 080 SLIM AD/2.5G25000 SL | 6 | 12 | 17 | M5 | 80 | 36 |
| HK0.C50.6m120.SF3.AD | CAT50 SFH06 120 SLIM AD/2.5G25000 SL | 6 | 12 | 21 | M5 | 120 | 36 |
| HK0.C50.6m130.SF3.AD | CAT50 SFH06 130 SLIM AD/2.5G25000 SL | 6 | 12 | 21 | M5 | 130 | 36 |
| HK0.C50.6m160.SF3.AD | CAT50 SFH06 160 SLIM AD/2.5G25000 SL | 6 | 12 | 25 | M5 | 160 | 36 |
| HK0.C50.8m80.SF3.AD | CAT50 SFH08 080 SLIM AD/2.5G25000 SL | 8 | 14 | 19 | M6 | 80 | 36 |
| HK0.C50.8m120.SF3.AD | CAT50 SFH08 120 SLIM AD/2.5G25000 SL | 8 | 14 | 23 | M6 | 120 | 36 |
| HK0.C50.8m130.SF3.AD | CAT50 SFH08 130 SLIM AD/2.5G25000 SL | 8 | 14 | 23 | M6 | 130 | 36 |
| HK0.C50.8m160.SF3.AD | CAT50 SFH08 160 SLIM AD/2.5G25000 SL | 8 | 14 | 27 | M6 | 160 | 36 |
| HK0.C50.10m80.SF3.AD | CAT50 SFH10 080 SLIM AD/2.5G25000 SL | 10 | 16 | 21 | M8 | 80 | 41 |
| HK0.C50.10m120.SF3.AD | CAT50 SFH10 120 SLIM AD/2.5G25000 SL | 10 | 16 | 25 | M8 | 120 | 41 |
| HK0.C50.10m130.SF3.AD | CAT50 SFH10 130 SLIM AD/2.5G25000 SL | 10 | 16 | 25 | M8 | 130 | 41 |
| HK0.C50.10m160.SF3.AD | CAT50 SFH10 160 SLIM AD/2.5G25000 SL | 10 | 16 | 29 | M8 | 160 | 41 |
| HK0.C50.12m80.SF3.AD | CAT50 SFH12 080 SLIM AD/2.5G25000 SL | 12 | 18 | 23 | M10 | 80 | 46 |
| HK0.C50.12m120.SF3.AD | CAT50 SFH12 120 SLIM AD/2.5G25000 SL | 12 | 18 | 27 | M10 | 120 | 46 |
| HK0.C50.12m130.SF3.AD | CAT50 SFH12 130 SLIM AD/2.5G25000 SL | 12 | 18 | 27 | M10 | 130 | 46 |
| HK0.C50.12m160.SF3.AD | CAT50 SFH12 160 SLIM AD/2.5G25000 SL | 12 | 18 | 31 | M10 | 160 | 46 |
| HK0.C50.14m80.SF3.AD | CAT50 SFH14 080 SLIM AD/2.5G25000 SL | 14 | 20 | 26 | M10 | 80 | 46 |
| HK0.C50.14m120.SF3.AD | CAT50 SFH14 120 SLIM AD/2.5G25000 SL | 14 | 20 | 29 | M10 | 120 | 46 |
| HK0.C50.14m130.SF3.AD | CAT50 SFH14 130 SLIM AD/2.5G25000 SL | 14 | 20 | 29 | M10 | 130 | 46 |
| HK0.C50.14m160.SF3.AD | CAT50 SFH14 160 SLIM AD/2.5G25000 SL | 14 | 20 | 32 | M10 | 160 | 46 |

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

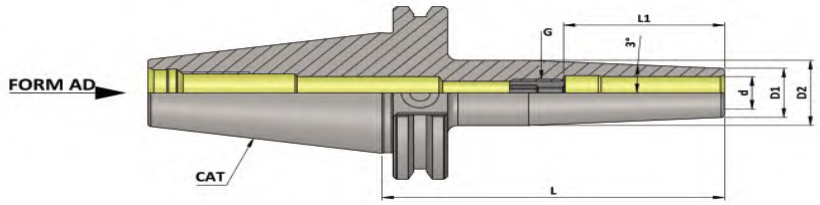



**METRIC**

| CAT 50 (ANSI B 5.50) (SFH SLIM 3°) (AD) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.C50.16m80.SF3.AD | CAT50SFH16080SLIMAD/2.5G25000SL | 16 | 22 | 28 | M12 | 80 | 49 |
| HK0.C50.16m120.SF3.AD | CAT50SFH16120SLIMAD/2.5G25000SL | 16 | 22 | 31 | M12 | 120 | 49 |
| HK0.C50.16m130.SF3.AD | CAT50SFH16130SLIMAD/2.5G25000SL | 16 | 22 | 31 | M12 | 130 | 49 |
| HK0.C50.16m160.SF3.AD | CAT50SFH16160SLIMAD/2.5G25000SL | 16 | 22 | 34 | M12 | 160 | 49 |
| HK0.C50.18m80.SF3.AD | CAT50SFH18080SLIMAD/2.5G25000SL | 18 | 24 | 30 | M12 | 80 | 49 |
| HK0.C50.18m120.SF3.AD | CAT50SFH18120SLIMAD/2.5G25000SL | 18 | 24 | 33 | M12 | 120 | 49 |
| HK0.C50.18m130.SF3.AD | CAT50SFH18130SLIMAD/2.5G25000SL | 18 | 24 | 33 | M12 | 130 | 49 |
| HK0.C50.18m160.SF3.AD | CAT50SFH18160SLIMAD/2.5G25000SL | 18 | 24 | 36 | M12 | 160 | 49 |
| HK0.C50.20m80.SF3.AD | CAT50SFH20080SLIMAD/2.5G25000SL | 20 | 26 | 32 | M16 | 80 | 51 |
| HK0.C50.20m120.SF3.AD | CAT50SFH20120SLIMAD/2.5G25000SL | 20 | 26 | 35 | M16 | 120 | 51 |
| HK0.C50.20m130.SF3.AD | CAT50SFH20130SLIMAD/2.5G25000SL | 20 | 26 | 35 | M16 | 130 | 51 |
| HK0.C50.20m160.SF3.AD | CAT50SFH20160SLIMAD/2.5G25000SL | 20 | 26 | 38 | M16 | 160 | 51 |

# CAT 50 (ANSI B 5.50) (AD)
# Shrink Fit Holder Slim 3 Degree (SFH Slim 3° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

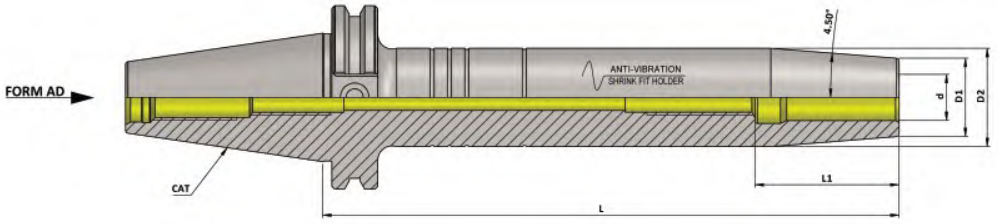



**INCH**

| CAT 50 (ANSI B 5.50) (SFH SLIM 3°) (AD) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.C50.1/8z315.SF3.AD | CAT50SFH1/8''3.15''SLIMAD/2.5G25000SL | 1/8" | 0.354" | 0.551" | — | 3.15" | 0.472" |
| HK0.C50.1/8z472.SF3.AD | CAT50SFH1/8''4.72''SLIMAD/2.5G25000SL | 1/8" | 0.354" | 0.709" | — | 4.72" | 0.472" |
| HK0.C50.1/8z512.SF3.AD | CAT50SFH1/8''5.12''SLIMAD/2.5G25000SL | 1/8" | 0.354" | 0.709" | — | 5.12" | 0.472" |
| HK0.C50.3/16z315.SF3.AD | CAT50SFH3/16''3.15''SLIMAD/2.5G25000SL | 3/16" | 0.394" | 0.591" | — | 3.15" | 0.551" |
| HK0.C50.3/16z472.SF3.AD | CAT50SFH3/16''4.72''SLIMAD/2.5G25000SL | 3/16" | 0.394" | 0.748" | — | 4.72" | 0.551" |
| HK0.C50.3/16z512.SF3.AD | CAT50SFH3/16''5.12''SLIMAD/2.5G25000SL | 3/16" | 0.394" | 0.748" | — | 5.12" | 0.551" |
| HK0.C50.1/4z315.SF3.AD | CAT50SFH1/4''3.15''SLIMAD/2.5G25000SL | 1/4" | 0.472" | 0.669" | M5 | 3.15" | 1.417" |
| HK0.C50.1/4z472.SF3.AD | CAT50SFH1/4''4.72''SLIMAD/2.5G25000SL | 1/4" | 0.472" | 0.827" | M5 | 4.72" | 1.417" |
| HK0.C50.1/4z512.SF3.AD | CAT50SFH1/4''5.12''SLIMAD/2.5G25000SL | 1/4" | 0.472" | 0.827" | M5 | 5.12" | 1.417" |
| HK0.C50.1/4z630.SF3.AD | CAT50SFH1/4''6.30''SLIMAD/2.5G25000SL | 1/4" | 0.472" | 0.984" | M5 | 6.30" | 1.417" |
| HK0.C50.5/16z315.SF3.AD | CAT50SFH5/16''3.15''SLIMAD/2.5G25000SL | 5/16" | 0.551" | 0.748" | M6 | 3.15" | 1.417" |
| HK0.C50.5/16z472.SF3.AD | CAT50SFH5/16''4.72''SLIMAD/2.5G25000SL | 5/16" | 0.551" | 0.906" | M6 | 4.72" | 1.417" |
| HK0.C50.5/16z512.SF3.AD | CAT50SFH5/16''5.12''SLIMAD/2.5G25000SL | 5/16" | 0.551" | 0.906" | M6 | 5.12" | 1.417" |
| HK0.C50.5/16z630.SF3.AD | CAT50SFH5/16''6.30''SLIMAD/2.5G25000SL | 5/16" | 0.551" | 1.063" | M6 | 6.30" | 1.417" |
| HK0.C50.3/8z315.SF3.AD | CAT50SFH3/8''3.15''SLIMAD/2.5G25000SL | 3/8" | 0.63" | 0.827" | M8 | 3.15" | 1.614" |
| HK0.C50.3/8z472.SF3.AD | CAT50SFH3/8''4.72''SLIMAD/2.5G25000SL | 3/8" | 0.63" | 0.984" | M8 | 4.72" | 1.614" |
| HK0.C50.3/8z512.SF3.AD | CAT50SFH3/8''5.12''SLIMAD/2.5G25000SL | 3/8" | 0.63" | 0.984" | M8 | 5.12" | 1.614" |
| HK0.C50.3/8z630.SF3.AD | CAT50SFH3/8''6.30''SLIMAD/2.5G25000SL | 3/8" | 0.63" | 1.142" | M8 | 6.30" | 1.614" |
| HK0.C50.7/16z315.SF3.AD | CAT50SFH7/16''3.15''SLIMAD/2.5G25000SL | 7/16" | 0.709" | 0.906" | M10 | 3.15" | 1.811" |
| HK0.C50.7/16z472.SF3.AD | CAT50SFH7/16''4.72''SLIMAD/2.5G25000SL | 7/16" | 0.709" | 1.063" | M10 | 4.72" | 1.811" |
| HK0.C50.7/16z512.SF3.AD | CAT50SFH7/16''5.12''SLIMAD/2.5G25000SL | 7/16" | 0.709" | 1.063" | M10 | 5.12" | 1.811" |
| HK0.C50.7/16z630.SF3.AD | CAT50SFH7/16''6.30''SLIMAD/2.5G25000SL | 7/16" | 0.709" | 1.22" | M10 | 6.30" | 1.811" |
| HK0.C50.1/2z315.SF3.AD | CAT50SFH1/2''3.15''SLIMAD/2.5G25000SL | 1/2" | 0.709" | 0.906" | M10 | 3.15" | 1.811" |
| HK0.C50.1/2z472.SF3.AD | CAT50SFH1/2''4.72''SLIMAD/2.5G25000SL | 1/2" | 0.709" | 1.063" | M10 | 4.72" | 1.811" |
| HK0.C50.1/2z512.SF3.AD | CAT50SFH1/2''5.12''SLIMAD/2.5G25000SL | 1/2" | 0.709" | 1.063" | M10 | 5.12" | 1.811" |
| HK0.C50.1/2z630.SF3.AD | CAT50SFH1/2''6.30''SLIMAD/2.5G25000SL | 1/2" | 0.709" | 1.22" | M10 | 6.30" | 1.811" |
| HK0.C50.5/8z315.SF3.AD | CAT50SFH5/8''3.15''SLIMAD/2.5G25000SL | 5/8" | 0.866" | 1.102" | M12 | 3.15" | 1.929" |
| HK0.C50.5/8z472.SF3.AD | CAT50SFH5/8''4.72''SLIMAD/2.5G25000SL | 5/8" | 0.866" | 1.22" | M12 | 4.72" | 1.929" |
| HK0.C50.5/8z512.SF3.AD | CAT50SFH5/8''5.12''SLIMAD/2.5G25000SL | 5/8" | 0.866" | 1.22" | M12 | 5.12" | 1.929" |
| HK0.C50.5/8z630.SF3.AD | CAT50SFH5/8''6.30''SLIMAD/2.5G25000SL | 5/8" | 0.866" | 1.339" | M12 | 6.30" | 1.929" |
| HK0.C50.3/4z315.SF3.AD | CAT50SFH3/4''3.15''SLIMAD/2.5G25000SL | 3/4" | 1.024" | 1.26" | M16 | 3.15" | 2.008" |
| HK0.C50.3/4z472.SF3.AD | CAT50SFH3/4''4.72''SLIMAD/2.5G25000SL | 3/4" | 1.024" | 1.378" | M16 | 4.72" | 2.008" |
| HK0.C50.3/4z512.SF3.AD | CAT50SFH3/4''5.12''SLIMAD/2.5G25000SL | 3/4" | 1.024" | 1.378" | M16 | 5.12" | 2.008" |
| HK0.C50.3/4z630.SF3.AD | CAT50SFH3/4''6.30''SLIMAD/2.5G25000SL | 3/4" | 1.024" | 1.496" | M16 | 6.30" | 2.008" |

# CAT 50 (ANSI B 5.50) Shrink Fit Holder
# Anti - Vibration 4.5 Degree (SFH - AD/AV)

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm



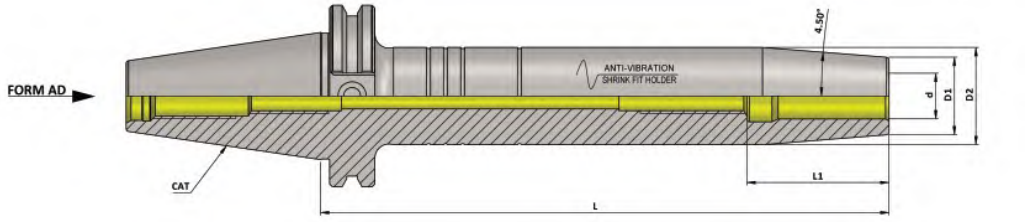

**METRIC**

**CAT 50 (ANSI B 5.50) (SFH - AD/AV)**

| PRODUCT CODE | ITEM NAME | d | D1 | D2 | L | L1 |
|---|---|---|---|---|---|---|
| HK0.C50.16m200.SFV.ADAV | CAT50 SFH16 200 AD/AV | 16 | 27 | 34 | 200 | 49 |
| HK0.C50.16m250.SFV.ADAV | CAT50 SFH16 250 AD/AV | 16 | 27 | 34 | 250 | 49 |
| HK0.C50.16m300.SFV.ADAV | CAT50 SFH16 300 AD/AV | 16 | 27 | 34 | 300 | 49 |
| HK0.C50.16m350.SFV.ADAV | CAT50 SFH16 350 AD/AV | 16 | 27 | 34 | 350 | 49 |
| HK0.C50.16m400.SFV.ADAV | CAT50 SFH16 400 AD/AV | 16 | 27 | 34 | 400 | 49 |
| HK0.C50.18m200.SFV.ADAV | CAT50 SFH18 200 AD/AV | 18 | 33 | 40 | 200 | 49 |
| HK0.C50.18m250.SFV.ADAV | CAT50 SFH18 250 AD/AV | 18 | 33 | 40 | 250 | 49 |
| HK0.C50.18m300.SFV.ADAV | CAT50 SFH18 300 AD/AV | 18 | 33 | 40 | 300 | 49 |
| HK0.C50.18m350.SFV.ADAV | CAT50 SFH18 350 AD/AV | 18 | 33 | 40 | 350 | 49 |
| HK0.C50.18m400.SFV.ADAV | CAT50 SFH18 400 AD/AV | 18 | 33 | 40 | 400 | 49 |
| HK0.C50.20m200.SFV.ADAV | CAT50 SFH20 200 AD/AV | 20 | 33 | 40 | 200 | 51 |
| HK0.C50.20m250.SFV.ADAV | CAT50 SFH20 250 AD/AV | 20 | 33 | 40 | 250 | 51 |
| HK0.C50.20m300.SFV.ADAV | CAT50 SFH20 300 AD/AV | 20 | 33 | 40 | 300 | 51 |
| HK0.C50.20m350.SFV.ADAV | CAT50 SFH20 350 AD/AV | 20 | 33 | 40 | 350 | 51 |
| HK0.C50.20m400.SFV.ADAV | CAT50 SFH20 400 AD/AV | 20 | 33 | 40 | 400 | 51 |
| HK0.C50.25m200.SFV.ADAV | CAT50 SFH25 200 AD/AV | 25 | 44 | 53 | 200 | 57 |
| HK0.C50.25m250.SFV.ADAV | CAT50 SFH25 250 AD/AV | 25 | 44 | 53 | 250 | 57 |
| HK0.C50.25m300.SFV.ADAV | CAT50 SFH25 300 AD/AV | 25 | 44 | 53 | 300 | 57 |
| HK0.C50.25m350.SFV.ADAV | CAT50 SFH25 350 AD/AV | 25 | 44 | 53 | 350 | 57 |
| HK0.C50.25m400.SFV.ADAV | CAT50 SFH25 400 AD/AV | 25 | 44 | 53 | 400 | 57 |
| HK0.C50.32m200.SFV.ADAV | CAT50 SFH32 200 AD/AV | 32 | 44 | 53 | 200 | 61 |
| HK0.C50.32m250.SFV.ADAV | CAT50 SFH32 250 AD/AV | 32 | 44 | 53 | 250 | 61 |
| HK0.C50.32m300.SFV.ADAV | CAT50 SFH32 300 AD/AV | 32 | 44 | 53 | 300 | 61 |
| HK0.C50.32m350.SFV.ADAV | CAT50 SFH32 350 AD/AV | 32 | 44 | 53 | 350 | 61 |
| HK0.C50.32m400.SFV.ADAV | CAT50 SFH32 400 AD/AV | 32 | 44 | 53 | 400 | 61 |

# CAT 50 (ANSI B 5.50) Shrink Fit Holder
# Anti - Vibration 4.5 Degree (SFH - AD/AV)

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm

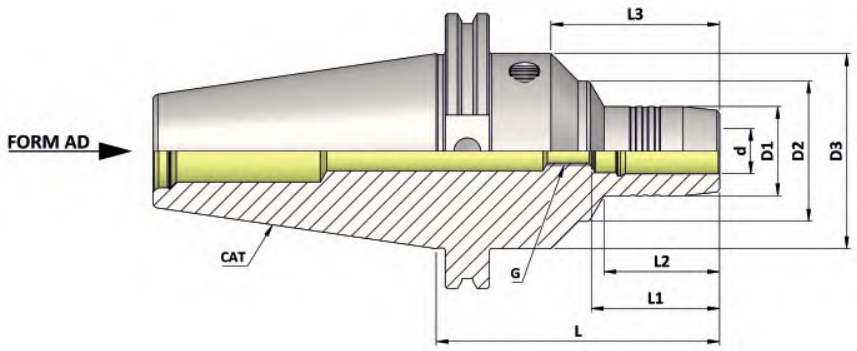



**INCH**

| CAT 50 (ANSI B 5.50) (SFH - AD/AV) | | | | | | |
|---|---|---|---|---|---|---|
| **PRODUCT CODE** | **ITEM NAME** | **d** | **D1** | **D2** | **L** | **L1** |
| HK0.C50.5/8z7874.SFV.ADAV | CAT50 SFH5/8'' 200 AD/AV | 5/8" | 1.063" | 1.339" | 7.874" | 1.929" |
| HK0.C50.5/8z9843.SFV.ADAV | CAT50 SFH5/8'' 250 AD/AV | 5/8" | 1.063" | 1.339" | 9.843" | 1.929" |
| HK0.C50.5/8z11811.SFV.ADAV | CAT50 SFH5/8'' 300 AD/AV | 5/8" | 1.063" | 1.339" | 11.811" | 1.929" |
| HK0.C50.5/8z1378.SFV.ADAV | CAT50 SFH5/8'' 350 AD/AV | 5/8" | 1.063" | 1.339" | 13.78" | 1.929" |
| HK0.C50.5/8z15748.SFV.ADAV | CAT50 SFH5/8'' 400 AD/AV | 5/8" | 1.063" | 1.339" | 15.748" | 1.929" |
| HK0.C50.3/4z7874.SFV.ADAV | CAT50 SFH3/4'' 200 AD/AV | 3/4" | 1.299" | 1.575" | 7.874" | 2.008" |
| HK0.C50.3/4z9843.SFV.ADAV | CAT50 SFH3/4'' 250 AD/AV | 3/4" | 1.299" | 1.575" | 9.843" | 2.008" |
| HK0.C50.3/4z11811.SFV.ADAV | CAT50 SFH3/4'' 300 AD/AV | 3/4" | 1.299" | 1.575" | 11.811" | 2.008" |
| HK0.C50.3/4z1378.SFV.ADAV | CAT50 SFH3/4'' 350 AD/AV | 3/4" | 1.299" | 1.575" | 13.78" | 2.008" |
| HK0.C50.3/4z15748.SFV.ADAV | CAT50 SFH3/4'' 400 AD/AV | 3/4" | 1.299" | 1.575" | 15.748" | 2.008" |
| HK0.C50.1z7874.SFV.ADAV | CAT50 SFH1.0'' 200 AD/AV | 1" | 1.732" | 2.087" | 7.874" | 2.244" |
| HK0.C50.1z9843.SFV.ADAV | CAT50 SFH1.0'' 250 AD/AV | 1" | 1.732" | 2.087" | 9.843" | 2.244" |
| HK0.C50.1z11811.SFV.ADAV | CAT50 SFH1.0'' 300 AD/AV | 1" | 1.732" | 2.087" | 11.811" | 2.244" |
| HK0.C50.1z1378.SFV.ADAV | CAT50 SFH1.0'' 350 AD/AV | 1" | 1.732" | 2.087" | 13.78" | 2.244" |
| HK0.C50.1z15748.SFV.ADAV | CAT50 SFH1.0'' 400 AD/AV | 1" | 1.732" | 2.087" | 15.748" | 2.244" |
| HK0.C50.11/4z7874.SFV.ADAV | CAT50 SFH1-1/4'' 200 AD/AV | 1-1/4" | 1.732" | 2.087" | 7.874" | 2.402" |
| HK0.C50.11/4z9843.SFV.ADAV | CAT50 SFH1-1/4'' 250 AD/AV | 1-1/4" | 1.732" | 2.087" | 9.843" | 2.402" |
| HK0.C50.11/4z11811.SFV.ADAV | CAT50 SFH1-1/4'' 300 AD/AV | 1-1/4" | 1.732" | 2.087" | 11.811" | 2.402" |
| HK0.C50.11/4z1378.SFV.ADAV | CAT50 SFH1-1/4'' 350 AD/AV | 1-1/4" | 1.732" | 2.087" | 13.78" | 2.402" |
| HK0.C50.11/4z15748.SFV.ADAV | CAT50 SFH1-1/4'' 400 AD/AV | 1-1/4" | 1.732" | 2.087" | 15.748" | 2.402" |

# CAT 50 (ANSI B 5.50)
# Hydraulic Expansion Chuck

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

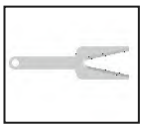
| CAT 50 (ANSI B 5.50) Hydraulic Expansion Chuck | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 | L3 |
| HK0.C50.6m1016.HCS | CAT50 HC06 - 101.60 2.5G 25000 SL | 6 | 26 | 69.85 | 50.3 | M5 | 101.6 | 37 | 32.5 | 60.5 |
| HK0.C50.8m1016.HCS | CAT50 HC08 - 101.60 2.5G 25000 SL | 8 | 28 | 69.85 | 50.3 | M6 | 101.6 | 37 | 36 | 60.5 |
| HK0.C50.10m1016.HCS | CAT50 HC10 - 101.60 2.5G 25000 SL | 10 | 30 | 69.85 | 50.3 | M8 | 101.6 | 41 | 36 | 60.5 |
| HK0.C50.12m1016.HCS | CAT50 HC12 - 101.60 2.5G 25000 SL | 12 | 32 | 69.85 | 50.3 | M10 | 101.6 | 46 | 41.5 | 60.5 |
| HK0.C50.14m1016.HCS | CAT50 HC14 - 101.60 2.5G 25000 SL | 14 | 34 | 69.85 | 50.3 | M10 | 101.6 | 46 | 41.5 | 60.5 |
| HK0.C50.16m1016.HCS | CAT50 HC16 - 101.60 2.5G 25000 SL | 16 | 38 | 69.85 | 50.3 | M12 | 101.6 | 49 | 47.5 | 60.5 |
| HK0.C50.18m1016.HCS | CAT50 HC18 - 101.60 2.5G 25000 SL | 18 | 40 | 69.85 | 50.3 | M12 | 101.6 | 49 | 47.5 | 60.5 |
| HK0.C50.20m1016.HCS | CAT50 HC20 - 101.60 2.5G 25000 SL | 20 | 42 | 69.85 | 50.3 | M16 | 101.6 | 51 | 49.5 | 60.5 |
| HK0.C50.25m1016.HCS | CAT50 HC25 - 101.60 2.5G 25000 SL | 25 | 57 | 69.85 | 63 | M16 | 101.6 | 57 | 49.5 | 64 |
| HK0.C50.32m1016.HCS | CAT50 HC32 - 101.60 2.5G 25000 SL | 32 | 64 | 69.85 | - | M16 | 101.6 | 61 | 65 | - |

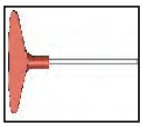
**INCH**

| CAT 50 (ANSI B 5.50) Hydraulic Expansion Chuck | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 | L3 |
| HK0.C50.1/4z4.HCS | CAT50 HC 1/4'' - 101.60 2.5G 25000 SL | 1/4" | 1.024" | 2.75" | 1.978" | M5 | 4" | 1.457" | 1.28" | 2.382" |
| HK0.C50.5/16z4.HCS | CAT50 HC5/16'' - 101.60 2.5G 25000 SL | 5/16" | 1.102" | 2.75" | 1.978" | M5 | 4" | 1.457" | 1.28" | 2.382" |
| HK0.C50.3/8z4.HCS | CAT50 HC 3/8'' - 101.60 2.5G 25000 SL | 3/8" | 1.181" | 2.75" | 1.978" | M8 | 4" | 1.614" | 1.417" | 2.382" |
| HK0.C50.1/2z4.HCS | CAT50 HC 1/2'' - 101.60 2.5G 25000 SL | 1/2" | 1.26" | 2.75" | 1.978" | M10 | 4" | 1.811" | 1.634" | 2.382" |
| HK0.C50.5/8z4.HCS | CAT50 HC 5/8'' - 101.602.5G 25000 SL | 5/8" | 1.496" | 2.75" | 1.978" | M12 | 4" | 1.929" | 1.87" | 2.382" |
| HK0.C50.3/4z4.HCS | CAT50 HC 3/4'' - 101.60 2.5G 25000 SL | 3/4" | 1.654" | 2.75" | 1.978" | M16 | 4" | 2.008" | 1.949" | 2.382" |
| HK0.C50.1z4.HCS | CAT50 HC 1.0'' - 101.60 2.5G 25000 SL | 1" | 2.244" | 2.75" | 2.48" | M16 | 4" | 2.244" | 1.949" | 2.52" |
| HK0.C50.11/4z4.HCS | CAT50HC1-1/4''-101.602.5G25000SL | 1-1/4" | 2.52" | 2.75" | - | M16 | 4" | 2.402" | 2.559" | - |

## Accessories:

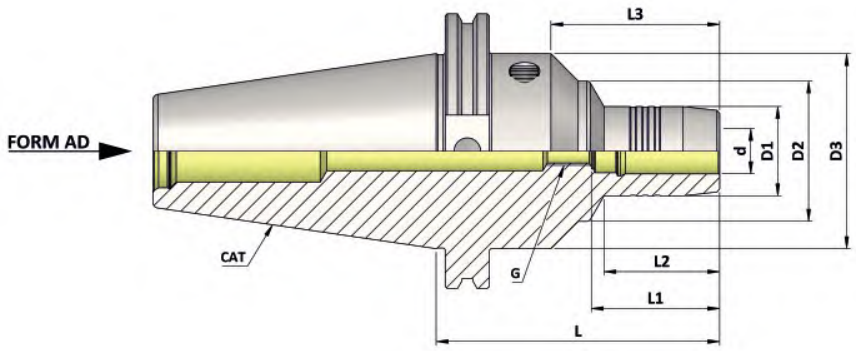

REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

# CAT 50 (ANSI B 5.50)
# Hydraulic Expansion Chuck

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

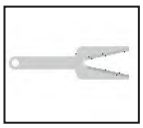
| CAT (ANSI B 5.50) Hydraulic Expansion Chuck | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 | L3 |
| HK0.C50.6m150.HCS | CAT50 HC06 150 2.5G 25000 SL | 6 | 26 | 69.85 | 50.3 | M5 | 150 | 37 | 32.5 | 60.5 |
| HK0.C50.8m150.HCS | CAT50 HC08 150 2.5G 25000 SL | 8 | 28 | 69.85 | 50.3 | M6 | 150 | 37 | 36 | 60.5 |
| HK0.C50.10m150.HCS | CAT50 HC10 150 2.5G 25000 SL | 10 | 30 | 69.85 | 50.3 | M8 | 150 | 41 | 36 | 60.5 |
| HK0.C50.12m150.HCS | CAT50 HC12 150 2.5G 25000 SL | 12 | 32 | 69.85 | 50.3 | M10 | 150 | 46 | 41.5 | 60.5 |
| HK0.C50.14m150.HCS | CAT50 HC14 150 2.5G 25000 SL | 14 | 34 | 69.85 | 50.3 | M10 | 150 | 46 | 41.5 | 60.5 |
| HK0.C50.16m150.HCS | CAT50 HC16 150 2.5G 25000 SL | 16 | 38 | 69.85 | 50.3 | M12 | 150 | 49 | 47.5 | 60.5 |
| HK0.C50.18m150.HCS | CAT50 HC18 150 2.5G 25000 SL | 18 | 40 | 69.85 | 50.3 | M12 | 150 | 49 | 47.5 | 60.5 |
| HK0.C50.20m150.HCS | CAT50 HC20 150 2.5G 25000 SL | 20 | 42 | 69.85 | 50.3 | M16 | 150 | 51 | 49.5 | 60.5 |
| HK0.C50.25m150.HCS | CAT50 HC25 150 2.5G 25000 SL | 25 | 57 | 69.85 | 63 | M16 | 150 | 57 | 49.5 | 64 |
| HK0.C50.32m150.HCS | CAT50 HC32 150 2.5G 25000 SL | 32 | 64 | 69.85 | - | M16 | 150 | 61 | 65 | - |

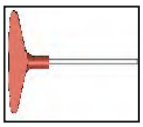
**INCH**

| CAT 50 (ANSI B 5.50) Hydraulic Expansion Chuck | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 | L3 |
| HK0.C50.1/4z5906.HCS | CAT50 HC1/4'' 150 2.5G 25000 SL | 1/4" | 1.024" | 2.75" | 1.978" | M5 | 5.906" | 1.457" | 1.28" | 2.382" |
| HK0.C50.5/16z5906.HCS | CAT50 HC5/16'' 150 2.5G 25000 SL | 5/16'' | 1.102" | 2.75" | 1.978" | M6 | 5.906" | 1.457" | 1.417" | 2.382" |
| HK0.C50.3/8z5906.HCS | CAT50 HC3/8'' 150 2.5G 25000 SL | 3/8" | 1.181" | 2.75" | 1.978" | M8 | 5.906" | 1.614" | 1.417" | 2.382" |
| HK0.C50.1/2z5906.HCS | CAT50 HC1/2'' 150 2.5G 25000 SL | 1/2" | 1.26" | 2.75" | 1.978" | M10 | 5.906" | 1.811" | 1.634" | 2.382" |
| HK0.C50.5/8z5906.HCS | CAT50 HC5/8'' 150 2.5G 25000 SL | 5/8" | 1.496" | 2.75" | 1.978" | M12 | 5.906" | 1.929" | 1.87" | 2.382" |
| HK0.C50.3/4z5906.HCS | CAT50 HC3/4'' 150 2.5G 25000 SL | 3/4" | 1.654" | 2.75" | 1.978" | M16 | 5.906" | 2.008" | 1.949" | 2.382" |
| HK0.C50.1z5906.HCS | CAT50 HC1'' 150 2.5G 25000 SL | 1" | 2.244" | 2.75" | 2.48" | M16 | 5.906" | 2.244" | 1.949" | 2.52" |
| HK0.C50.11/4z5906.HCS | CAT50 HC1-1/4'' 150 2.5G 25000 SL | 1-1/4" | 2.52" | 2.75" | - | M16 | 5.906" | 2.402" | 2.559" | - |

## Accessories:


REDUCTION SLEEVE SEAL

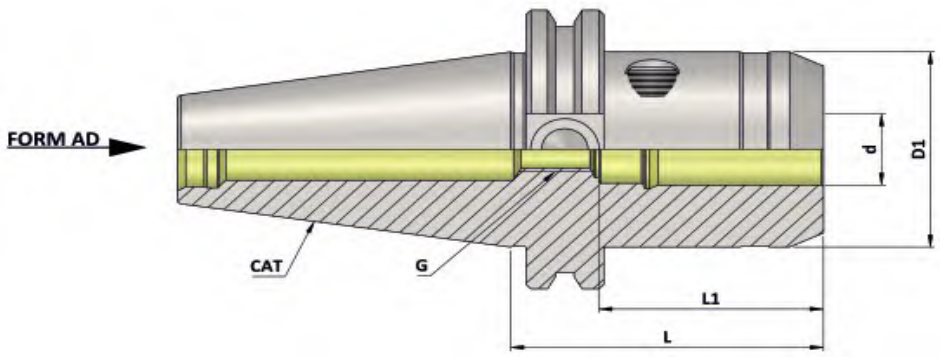

SPANNER HC


KEY HC 5MM

# CAT 50 (ANSI B 5.50)
# Hydraulic Expansion Chuck

HEAVY DUTY

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**INCH**

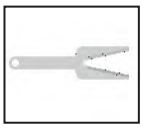
| CAT 50 (ANSI B 5.50) Hydraulic Expansion Chuck (Heavy Duty) | | | | | | |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 |
| HK0.C50.1/2z1988.HCD | CAT50 HC1/2''S 50.5 2.5G 25000 SL | 1/2" | 1.654" | M10 | 1.988" | 1.575" |
| HK0.C50.3/4z2539.HCD | CAT50 HC3/4''S 64.5 2.5G 25000 SL | 3/4" | 1.969" | M16 | 2.539" | 1.654" |
| HK0.C50.11/4z3189.HCD | CAT50 HC1-1/4''S 081 2.5G 25000 SL | 1-1/4" | 2.835" | M16 | 3.189" | 2.165" |

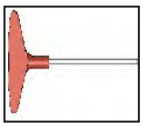
**METRIC**

| CAT 50 (ANSI B 5.50) Hydraulic Expansion Chuck (Heavy Duty) | | | | | | |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 |
| HK0.C50.12m505.HCD | CAT50 HC12S 50.5 2.5G 25000 SL | 12 | 42 | M10 | 50.5 | 40 |
| HK0.C50.20m645.HCD | CAT50 HC20S 64.5 2.5G 25000 SL | 20 | 50 | M16 | 64.5 | 42 |
| HK0.C50.32m81.HCD | CAT50 HC32S 081 2.5G 25000 SL | 32 | 72 | M16 | 81 | 55 |

## Accessories:


REDUCTION SLEEVE SEAL

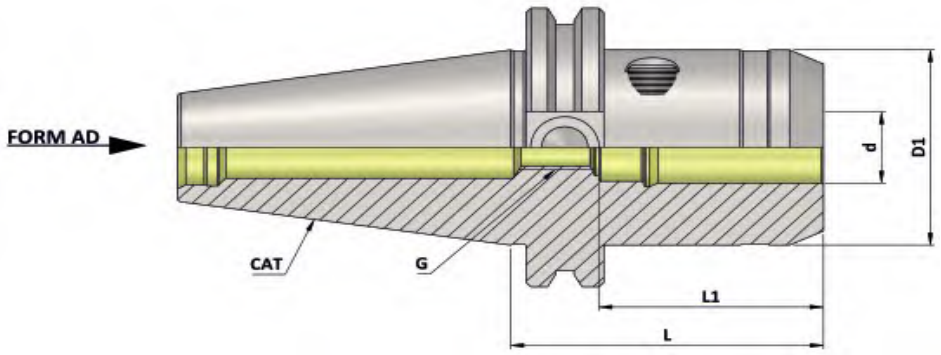

SPANNER HC


KEY HC 5MM

# CAT 50 (ANSI B 5.50)
# Hydraulic Expansion Chuck

HEAVY DUTY

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**INCH**

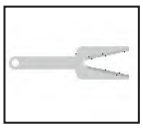
| CAT 50 (ANSI B 5.50) Hydraulic Expansion Chuck (Heavy Duty) | | | | | | |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 |
| HK0.C50.1/2z1988.HDF | CAT50 HC1/2''S 50.5 FCC 2.5G 25000 SL | 1/2" | 1.654" | M10 | 1.988" | 1.575" |
| HK0.C50.3/4z2539.HDF | CAT50 HC3/4''S 64.5 FCC 2.5G 25000 SL | 3/4" | 1.969" | M16 | 2.539" | 1.654" |
| HK0.C50.11/4z3189.HDF | CAT50HC1-1/4''S081FCC2.5G25000SL | 1-1/4" | 2.835" | M16 | 3.189" | 2.165" |

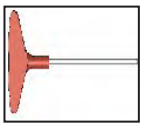
**METRIC**

| CAT 50 (ANSI B 5.50) Hydraulic Expansion Chuck (Heavy Duty) | | | | | | |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 |
| HK0.C50.12m505.HDF | CAT50 HC12S 50.5 FCC 2.5G 25000 SL | 12 | 42 | M10 | 50.5 | 40 |
| HK0.C50.20m645.HDF | CAT50 HC20S 64.5 FCC 2.5G 25000 SL | 20 | 50 | M16 | 64.5 | 42 |
| HK0.C50.32m81.HDF | CAT50 HC32S 081 FCC 2.5G 25000 SL | 32 | 72 | M16 | 81 | 55 |

## Accessories:

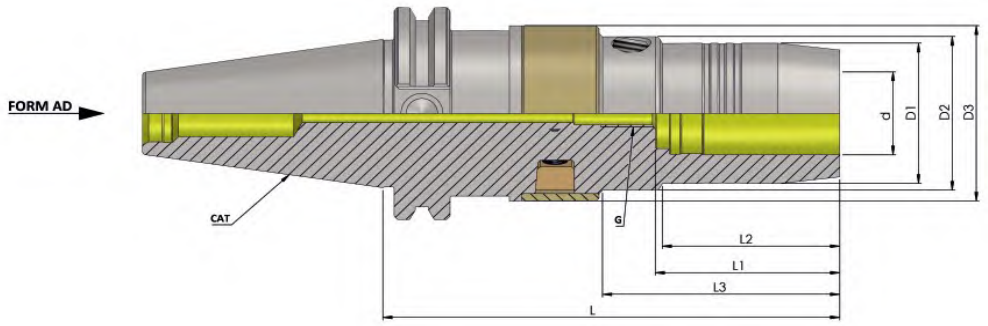

REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

# CAT 50 (ANSI B 5.50) Hydraulic Expansion Chuck With Run Out Adjustment

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

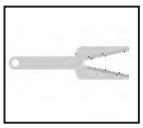
| CAT 50 (ANSI-B 5.50) Hydraulic Expansion Chuck Run Out Adjustment | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 | L3 |
| HK0.C50.20m110.HRO.AD | CAT50 HC20 110 AD/RA 2.5G 25000 SL | 20 | 42 | 46 | 52.5 | M8 | 110 | 51 | 50 | 67.5 |
| HK0.C50.32m125.HRO.AD | CAT50 HC32 125 AD/RA 2.5G 25000 SL | 32 | 42 | 46 | 52.5 | M8 | 125 | 51 | 50 | 67.5 |

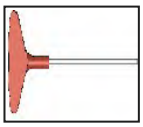
**INCH**

| CAT 50 (ANSI-B 5.50) Hydraulic Expansion Chuck Run Out Adjustment | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 | L3 |
| HK0.C50.3/4z4331.HRO.AD | CAT50 HC3/4"110 AD/RA 2.5G 25000 SL | 3/4" | 1.654" | 1.811" | 2.067" | M8 | 4.331" | 2.008" | 1.969" | 2.657" |
| HK0.C50.11/4z4921.HRO.AD | CAT50HC1-1/4"125AD/RA2.5G25000SL | 1-1/4" | 1.654" | 1.811" | 2.067" | M8 | 4.921" | 2.008" | 1.969" | 2.657" |

## Accessories:

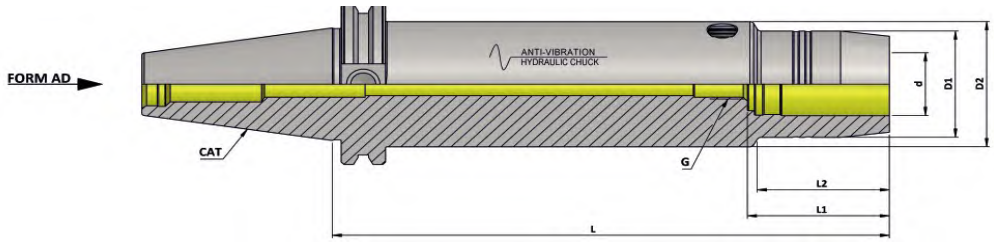

REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

# CAT 50 (ANSI B 5.50) Hydraulic Expansion Chuck Anti - Vibration (HC-AD/AV)

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm




**INCH**

| CAT 50 (ANSI-B 5.50) Hydraulic Expansion Chuck Anti - Vibration (HC - AD/AV) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
| HK0.C50.3/4z7874.HCV.ADAV | CAT50 HC3/4" 200 AD/AV | 3/4" | 1.654" | 1.949" | M16 | 7.874" | 2.008" | 1.654" |
| HK0.C50.3/4z9843.HCV.ADAV | CAT50 HC3/4" 250 AD/AV | 3/4" | 1.654" | 1.949" | M16 | 9.843" | 2.008" | 1.654" |
| HK0.C50.3/4z11811.HCV.ADAV | CAT50 HC3/4" 300 AD/AV | 3/4" | 1.654" | 1.949" | M16 | 11.811" | 2.008" | 1.654" |
| HK0.C50.3/4z1378.HCV.ADAV | CAT50 HC3/4" 350 AD/AV | 3/4" | 1.654" | 1.949" | M16 | 13.78" | 2.008" | 1.654" |
| HK0.C50.3/4z15748.HCV.ADAV | CAT50 HC3/4" 400 AD/AV | 3/4" | 1.654" | 1.949" | M16 | 15.748" | 2.008" | 1.654" |

**METRIC**

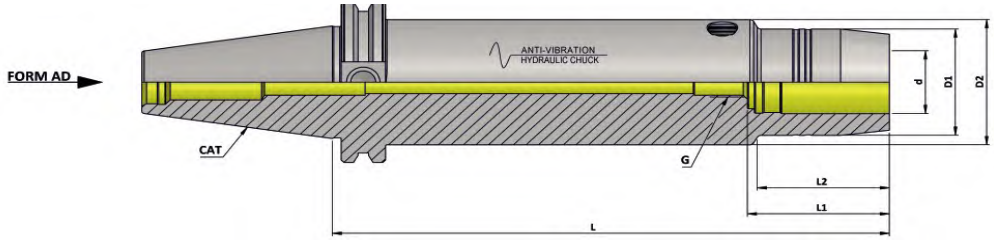
| CAT 50 (ANSI-B 5.50) Hydraulic Expansion Chuck Anti - Vibration (HC - AD/AV) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
| HK0.C50.20m200.HCV.ADAV | CAT50 HC20 200 AD/AV | 20 | 42 | 49.5 | M16 | 200 | 51 | 42 |
| HK0.C50.20m250.HCV.ADAV | CAT50 HC20 250 AD/AV | 20 | 42 | 49.5 | M16 | 250 | 51 | 42 |
| HK0.C50.20m300.HCV.ADAV | CAT50 HC20 300 AD/AV | 20 | 42 | 49.5 | M16 | 300 | 51 | 42 |
| HK0.C50.20m350.HCV.ADAV | CAT50 HC20 350 AD/AV | 20 | 42 | 49.5 | M16 | 350 | 51 | 42 |
| HK0.C50.20m400.HCV.ADAV | CAT50 HC20 400 AD/AV | 20 | 42 | 49.5 | M16 | 400 | 51 | 42 |

**INCH**

| CAT 50 (ANSI-B 5.50) Hydraulic Expansion Chuck Anti - Vibration (HC - AD/AV) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
| HK0.C50.1z7874.HCV.ADAV | CAT50 HC 1.0'' 200 AD/AV | 1'' | 2.047" | 2.165" | M16 | 7.874" | 2.244" | 1.969" |
| HK0.C50.1z9843.HCV.ADAV | CAT50 HC 1.0'' 250 AD/AV | 1'' | 2.047" | 2.165" | M16 | 9.843" | 2.244" | 1.969" |
| HK0.C50.1z11811.HCV.ADAV | CAT50 HC 1.0'' 300 AD/AV | 1'' | 2.047" | 2.165" | M16 | 11.811" | 2.244" | 1.969" |
| HK0.C50.1z13780.HCV.ADAV | CAT50 HC 1.0'' 350 AD/AV | 1'' | 2.047" | 2.165" | M16 | 13.780" | 2.244" | 1.969" |
| HK0.C50.1z15748.HCV.ADAV | CAT50 HC 1.0'' 400 AD/AV | 1'' | 2.047" | 2.165" | M16 | 15.748" | 2.244" | 1.969" |

# CAT 50 (ANSI B 5.50) Hydraulic Expansion Chuck Anti - Vibration (HC-AD/AV)

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm




**METRIC**

| CAT 50 (ANSI-B 5.50) Hydraulic Expansion Chuck Anti - Vibration (HC - AD/AV) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
| HK0.C50.25m200.HCV.ADAV | CAT50 HC25 200 AD/AV | 25 | 52 | 55 | M16 | 200 | 57 | 50 |
| HK0.C50.25m250.HCV.ADAV | CAT50 HC25 250 AD/AV | 25 | 52 | 55 | M16 | 250 | 57 | 50 |
| HK0.C50.25m300.HCV.ADAV | CAT50 HC25 300 AD/AV | 25 | 52 | 55 | M16 | 300 | 57 | 50 |
| HK0.C50.25m350.HCV.ADAV | CAT50 HC25 350 AD/AV | 25 | 52 | 55 | M16 | 350 | 57 | 50 |
| HK0.C50.25m400.HCV.ADAV | CAT50 HC25 400 AD/AV | 25 | 52 | 55 | M16 | 400 | 57 | 50 |

**INCH**

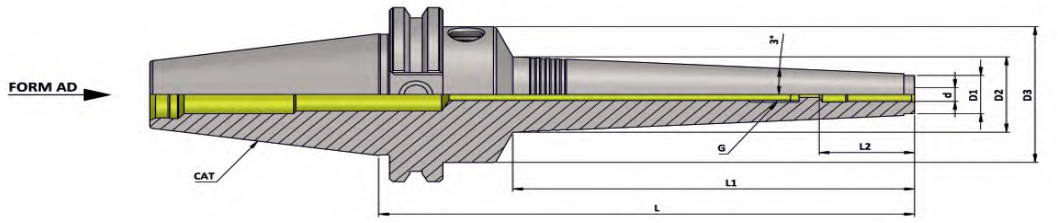
| CAT 50 (ANSI-B 5.50) Hydraulic Expansion Chuck Anti - Vibration (HC - AD/AV) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
| HK0.C50.11/4z7874.HCV.ADAV | CAT50 HC1-1/4" 200 AD/AV | 1-1/4" | 2.441" | 2.48" | M16 | 7.874" | 2.402" | 1.89" |
| HK0.C50.11/4z9843.HCV.ADAV | CAT50 HC1-1/4" 250 AD/AV | 1-1/4" | 2.441" | 2.48" | M16 | 9.843" | 2.402" | 1.89" |
| HK0.C50.11/4z11811.HCV.ADAV | CAT50 HC1-1/4" 300 AD/AV | 1-1/4" | 2.441" | 2.48" | M16 | 11.811" | 2.402" | 1.89" |
| HK0.C50.11/4z1378.HCV.ADAV | CAT50 HC1-1/4" 350 AD/AV | 1-1/4" | 2.441" | 2.48" | M16 | 13.78" | 2.402" | 1.89" |
| HK0.C50.11/4z15748.HCV.ADAV | CAT50 HC1-1/4" 400 AD/AV | 1-1/4" | 2.441" | 2.48" | M16 | 15.748" | 2.402" | 1.89" |

**METRIC**

| CAT 50 (ANSI-B 5.50) Hydraulic Expansion Chuck Anti - Vibration (HC - AD/AV) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
| HK0.C50.32m200.HCV.ADAV | CAT50 HC32 200 AD/AV | 32 | 62 | 63 | M16 | 200 | 61 | 48 |
| HK0.C50.32m250.HCV.ADAV | CAT50 HC32 250 AD/AV | 32 | 62 | 63 | M16 | 250 | 61 | 48 |
| HK0.C50.32m300.HCV.ADAV | CAT50 HC32 300 AD/AV | 32 | 62 | 63 | M16 | 300 | 61 | 48 |
| HK0.C50.32m350.HCV.ADAV | CAT50 HC32 350 AD/AV | 32 | 62 | 63 | M16 | 350 | 61 | 48 |
| HK0.C50.32m400.HCV.ADAV | CAT50 HC32 400 AD/AV | 32 | 62 | 63 | M16 | 400 | 61 | 48 |

# CAT 50 (ANSI B 5.50)
# Hydraulic Expansion Chuck Slim 3 Degree

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

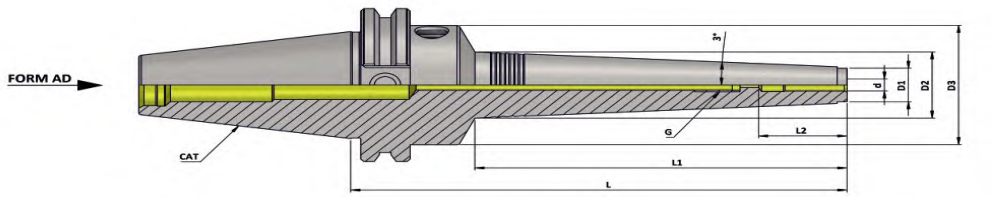



**METRIC**

| CAT 50 (ANSI B 5.50) Hydraulic Expansion Chuck Slim 3 Degree | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 |
| HK0.C50.6m105.HC3 | CAT50HC06105SLIM2.5G25000SL | 6 | 13 | 17.0 | 46 | M5 | 105 | 38 | 37 |
| HK0.C50.6m150.HC3 | CAT50HC06150SLIM2.5G25000SL | 6 | 13 | 21.9 | 46 | M5 | 150 | 84 | 37 |
| HK0.C50.6m165.HC3 | CAT50HC06165SLIM2.5G25000SL | 6 | 13 | 23.4 | 46 | M5 | 165 | 99 | 37 |
| HK0.C50.6m180.HC3 | CAT50HC06180SLIM2.5G25000SL | 6 | 13 | 25.0 | 46 | M5 | 180 | 114 | 37 |
| HK0.C50.6m195.HC3 | CAT50HC06195SLIM2.5G25000SL | 6 | 13 | 26.7 | 46 | M5 | 195 | 130 | 37 |
| HK0.C50.8m105.HC3 | CAT50HC08105SLIM2.5G25000SL | 8 | 15 | 19.0 | 46 | M6 | 105 | 38 | 37 |
| HK0.C50.8m150.HC3 | CAT50HC08150SLIM2.5G25000SL | 8 | 15 | 23.9 | 46 | M6 | 150 | 84 | 37 |
| HK0.C50.8m165.HC3 | CAT50HC08165SLIM2.5G25000SL | 8 | 15 | 25.4 | 46 | M6 | 165 | 99 | 37 |
| HK0.C50.8m180.HC3 | CAT50HC08180SLIM2.5G25000SL | 8 | 15 | 27.0 | 46 | M6 | 180 | 114 | 37 |
| HK0.C50.8m195.HC3 | CAT50HC08195SLIM2.5G25000SL | 8 | 15 | 28.7 | 46 | M6 | 195 | 130 | 37 |
| HK0.C50.10m150.HC3 | CAT50HC10150SLIM2.5G25000SL | 10 | 17 | 25.9 | 46 | M8 | 150 | 84 | 41 |
| HK0.C50.10m165.HC3 | CAT50HC10165SLIM2.5G25000SL | 10 | 17 | 27.4 | 46 | M8 | 165 | 99 | 41 |
| HK0.C50.10m180.HC3 | CAT50HC10180SLIM2.5G25000SL | 10 | 17 | 29.0 | 46 | M8 | 180 | 114 | 41 |
| HK0.C50.10m195.HC3 | CAT50HC10195SLIM2.5G25000SL | 10 | 17 | 30.7 | 46 | M8 | 195 | 130 | 41 |
| HK0.C50.12m150.HC3 | CAT50HC12150SLIM2.5G25000SL | 12 | 19 | 27.9 | 46 | M10 | 150 | 84 | 46 |
| HK0.C50.12m165.HC3 | CAT50HC12165SLIM2.5G25000SL | 12 | 19 | 29.4 | 46 | M10 | 165 | 99 | 46 |
| HK0.C50.12m180.HC3 | CAT50HC12180SLIM2.5G25000SL | 12 | 19 | 31.0 | 46 | M10 | 180 | 114 | 46 |
| HK0.C50.12m195.HC3 | CAT50HC12195SLIM2.5G25000SL | 12 | 19 | 32.7 | 46 | M10 | 195 | 130 | 46 |
| HK0.C50.14m150.HC3 | CAT50HC14150SLIM2.5G25000SL | 14 | 21 | 31.4 | 52.5 | M10 | 150 | 99 | 46 |
| HK0.C50.14m180.HC3 | CAT50HC14180SLIM2.5G25000SL | 14 | 21 | 32.9 | 52.5 | M10 | 180 | 114 | 46 |
| HK0.C50.14m195.HC3 | CAT50HC14195SLIM2.5G25000SL | 14 | 21 | 34.5 | 52.5 | M10 | 195 | 129 | 46 |
| HK0.C50.16m150.HC3 | CAT50HC16150SLIM2.5G25000SL | 16 | 23 | 31.9 | 52.5 | M12 | 150 | 84 | 49 |
| HK0.C50.16m180.HC3 | CAT50HC16180SLIM2.5G25000SL | 16 | 23 | 35.0 | 52.5 | M12 | 180 | 114 | 49 |
| HK0.C50.16m195.HC3 | CAT50HC16195SLIM2.5G25000SL | 16 | 23 | 36.6 | 52.5 | M12 | 195 | 129 | 49 |
| HK0.C50.18m150.HC3 | CAT50HC18150SLIM2.5G25000SL | 18 | 26 | 34.8 | 60 | M12 | 150 | 84 | 49 |
| HK0.C50.18m180.HC3 | CAT50HC18180SLIM2.5G25000SL | 18 | 26 | 37.9 | 60 | M12 | 180 | 114 | 49 |
| HK0.C50.18m195.HC3 | CAT50HC18195SLIM2.5G25000SL | 18 | 26 | 39.5 | 60 | M12 | 195 | 129 | 49 |
| HK0.C50.20m150.HC3 | CAT50HC20150SLIM2.5G25000SL | 20 | 28 | 36.9 | 60 | M16 | 150 | 84 | 51 |
| HK0.C50.20m180.HC3 | CAT50HC20180SLIM2.5G25000SL | 20 | 28 | 40.0 | 60 | M16 | 180 | 114 | 51 |
| HK0.C50.20m195.HC3 | CAT50HC20195SLIM2.5G25000SL | 20 | 28 | 41.6 | 60 | M16 | 195 | 129 | 51 |
| HK0.C50.25m150.HC3 | CAT50HC25150SLIM2.5G25000SL | 25 | 37 | 45.9 | 60 | M16 | 150 | 84 | 51 |
| HK0.C50.25m180.HC3 | CAT50HC25180SLIM2.5G25000SL | 25 | 37 | 49.0 | 60 | M16 | 180 | 114 | 51 |
| HK0.C50.25m195.HC3 | CAT50HC25195SLIM2.5G25000SL | 25 | 37 | 50.6 | 60 | M16 | 195 | 129 | 51 |

# CAT 50 (ANSI B 5.50)
# Hydraulic Expansion Chuck Slim 3 Degree

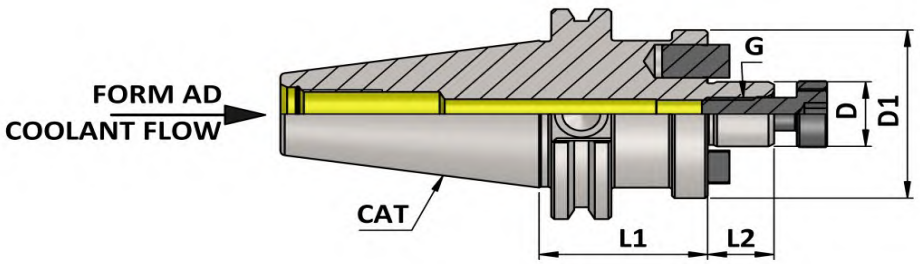
Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**INCH**

| CAT 50 (ANSI B 5.50) Hydraulic Expansion Chuck Slim 3 Degree | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 |
| HK0.C50.1/4z4134.HC3 | CAT50 HC1/4'' 105 SLIM 2.5G 25000SL | 1/4" | 0.512" | 0.669" | 1.811" | M5 | 4.134" | 1.496" | 1.457" |
| HK0.C50.1/4z5906.HC3 | CAT50 HC1/4'' 150 SLIM 2.5G 25000SL | 1/4" | 0.512" | 0.862" | 1.811" | M5 | 5.906" | 3.307" | 1.457" |
| HK0.C50.1/4z6496.HC3 | CAT50 HC1/4'' 165 SLIM 2.5G 25000SL | 1/4" | 0.512" | 0.921" | 1.811" | M5 | 6.496" | 3.898" | 1.457" |
| HK0.C50.1/4z7087.HC3 | CAT50 HC1/4'' 180 SLIM 2.5G 25000SL | 1/4" | 0.512" | 0.984" | 1.811" | M5 | 7.087" | 4.488" | 1.457" |
| HK0.C50.1/4z7677.HC3 | CAT50 HC1/4'' 195 SLIM 2.5G 25000SL | 1/4" | 0.512" | 1.051" | 1.811" | M5 | 7.677" | 5.118" | 1.457" |
| HK0.C50.5/16z4134.HC3 | CAT50HC5/16''105SLIM2.5G25000SL | 5/16" | 0.591" | 0.748" | 1.811" | M6 | 4.134" | 1.496" | 1.457" |
| HK0.C50.5/16z5906.HC3 | CAT50HC5/16''150SLIM2.5G25000SL | 5/16" | 0.591" | 0.941" | 1.811" | M6 | 5.906" | 3.307" | 1.457" |
| HK0.C50.5/16z6496.HC3 | CAT50HC5/16''165SLIM2.5G25000SL | 5/16" | 0.591" | 1" | 1.811" | M6 | 6.496" | 3.898" | 1.457" |
| HK0.C50.5/16z7087.HC3 | CAT50HC5/16''180SLIM2.5G25000SL | 5/16" | 0.591" | 1.063" | 1.811" | M6 | 7.087" | 4.488" | 1.457" |
| HK0.C50.5/16z7677.HC3 | CAT50HC5/16''195SLIM2.5G25000SL | 5/16" | 0.591" | 1.13" | 1.811" | M6 | 7.677" | 5.118" | 1.457" |
| HK0.C50.3/8z5906.HC3 | CAT50 HC3/8'' 150 SLIM 2.5G 25000SL | 3/8" | 0.669" | 1.02" | 1.811" | M8 | 5.906" | 3.307" | 1.614" |
| HK0.C50.3/8z6496.HC3 | CAT50 HC3/8'' 165 SLIM 2.5G 25000SL | 3/8" | 0.669" | 1.079" | 1.811" | M8 | 6.496" | 3.898" | 1.614" |
| HK0.C50.3/8z7087.HC3 | CAT50 HC3/8'' 180 SLIM 2.5G 25000SL | 3/8" | 0.669" | 1.142" | 1.811" | M8 | 7.087" | 4.488" | 1.614" |
| HK0.C50.3/8z7677.HC3 | CAT50 HC3/8'' 195 SLIM 2.5G 25000SL | 3/8" | 0.669" | 1.209" | 1.811" | M8 | 7.677" | 5.118" | 1.614" |
| HK0.C50.1/2z5906.HC3 | CAT50 HC1/2'' 150 SLIM 2.5G 25000SL | 1/2" | 0.748" | 1.098" | 1.811" | M10 | 5.906" | 3.307" | 1.811" |
| HK0.C50.1/2z6496.HC3 | CAT50 HC1/2'' 165 SLIM 2.5G 25000SL | 1/2" | 0.748" | 1.157" | 1.811" | M10 | 6.496" | 3.898" | 1.811" |
| HK0.C50.1/2z7087.HC3 | CAT50 HC1/2'' 180 SLIM 2.5G 25000SL | 1/2" | 0.748" | 1.22" | 1.811" | M10 | 7.087" | 4.488" | 1.811" |
| HK0.C50.1/2z7677.HC3 | CAT50 HC1/2'' 195 SLIM 2.5G 25000SL | 1/2" | 0.748" | 1.287" | 1.811" | M10 | 7.677" | 5.118" | 1.811" |
| HK0.C50.5/8z5906.HC3 | CAT50 HC5/8'' 150 SLIM 2.5G 25000SL | 5/8" | 0.906" | 1.256" | 2.067" | M12 | 5.906" | 3.307" | 1.929" |
| HK0.C50.5/8z7087.HC3 | CAT50 HC5/8'' 180 SLIM 2.5G 25000SL | 5/8" | 0.906" | 1.378" | 2.067" | M12 | 7.087" | 4.488" | 1.929" |
| HK0.C50.5/8z7677.HC3 | CAT50 HC5/8'' 195 SLIM 2.5G 25000SL | 5/8" | 0.906" | 1.441" | 2.067" | M12 | 7.677" | 5.079" | 1.929" |
| HK0.C50.3/4z5906.HC3 | CAT50 HC3/4'' 150 SLIM 2.5G 25000SL | 3/4" | 1.102" | 1.453" | 2.362" | M16 | 5.906" | 3.307" | 2.008" |
| HK0.C50.3/4z7087.HC3 | CAT50 HC3/4'' 180 SLIM 2.5G 25000SL | 3/4" | 1.102" | 1.575" | 2.362" | M16 | 7.087" | 4.488" | 2.008" |
| HK0.C50.3/4z7677.HC3 | CAT50 HC3/4'' 195 SLIM 2.5G 25000SL | 3/4" | 1.102" | 1.638" | 2.362" | M16 | 7.677" | 5.079" | 2.008" |
| HK0.C50.1z5906.HC3 | CAT50 HC 1.0'' 150 SLIM 2.5G 25000SL | 1" | 1.457" | 1.807" | 2.362" | M16 | 5.906" | 3.307" | 2.008" |
| HK0.C50.1z7087.HC3 | CAT50 HC 1.0'' 180 SLIM 2.5G 25000SL | 1" | 1.457" | 1.929" | 2.362" | M16 | 7.087" | 4.488" | 2.008" |
| HK0.C50.1z7677.HC3 | CAT50 HC 1.0'' 195 SLIM 2.5G 25000SL | 1" | 1.457" | 1.992" | 2.362" | M16 | 7.677" | 5.079" | 2.008" |

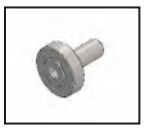
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**INCH**

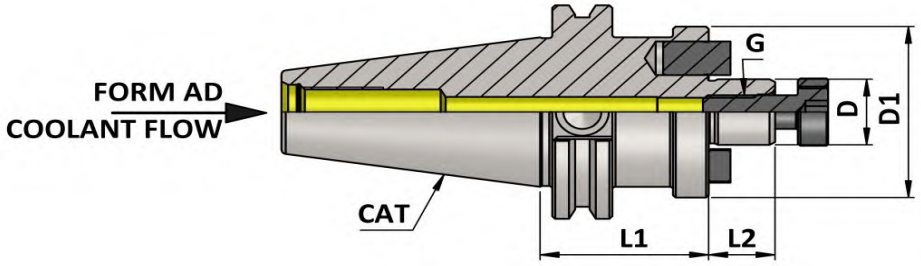
| CAT 50 (ANSI B 5.50) Face Mill Holder (FMH) | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.C50.3/4z13/4.FMS.AD | CAT50FMH3/4''13/4''AD/2.5G25000SL | 3/4" | 2" | 1 3/4" | 0.687" | 3/8"-24 UNF-2B x 1.0" |
| HK0.C50.3/4z35.FMS.AD | CAT50FMH3/4'' 3.5''AD/2.5G25000SL | 3/4" | 2" | 3.5" | 0.687" | 3/8"-24 UNF-2B x 1.0" |
| HK0.C50.3/4z55.FMS.AD | CAT50FMH3/4'' 5.5''AD/2.5G25000SL | 3/4" | 2" | 5.5" | 0.687" | 3/8"-24 UNF-2B x 1.0" |
| HK0.C50.1z2.FMS.AD | CAT50FMH1.0'' 2.0''AD/2.5G25000SL | 1" | 2.375" | 2" | 0.687" | 1/2"-20 UNF-2B x 1 1/4" |
| HK0.C50.1z4.FMS.AD | CAT50FMH1.0'' 4.0''AD/2.5G25000SL | 1" | 2.375" | 4" | 0.687" | 1/2"-20 UNF-2B x 1 1/4" |
| HK0.C50.1z6.FMS.AD | CAT50FMH1.0'' 6.0''AD/2.5G25000SL | 1" | 2.375" | 6" | 0.687" | 1/2"-20 UNF-2B x 1 1/4" |
| HK0.C50.11/4z15.FMS.AD | CAT50FMH11/4''1.5''AD/2.5G25000SL | 1 1/4" | 2.875" | 1.5" | 0.687" | 5/8"-18 UNF-2B x 1 1/4" |
| HK0.C50.11/4z2.FMS.AD | CAT50FMH11/4''2.0''AD/2.5G25000SL | 1 1/4" | 2.875" | 2" | 0.687" | 5/8"-18 UNF-2B x 1 1/4" |
| HK0.C50.11/4z35.FMS.AD | CAT50FMH11/4''3.5''AD/2.5G25000SL | 1 1/4" | 2.875" | 3.5" | 0.687" | 5/8"-18 UNF-2B x 1 1/4" |
| HK0.C50.11/4z6.FMS.AD | CAT50FMH11/4''6.0''AD/2.5G25000SL | 1 1/4" | 2.875" | 6" | 0.687" | 5/8"-18 UNF-2B x 1 1/4" |
| HK0.C50.11/2z2.FMS.AD | CAT50FMH11/2''2.0''AD/2.5G25000SL | 1 1/2" | 3.75" | 2" | 0.687" | 3/4"-16 UNF-2B x 1 1/2" |
| HK0.C50.11/2z24.FMS.AD | CAT50FMH11/2''2.4''AD/2.5G25000SL | 1 1/2" | 3.75" | 2.4" | 0.938" | 3/4"-16 UNF-2B x 1 1/2" |
| HK0.C50.11/2z4.FMS.AD | CAT50FMH11/2''4.0''AD/2.5G25000SL | 1 1/2" | 3.75" | 4" | 0.938" | 3/4"-16 UNF-2B x 1 1/2" |
| HK0.C50.11/2z6.FMS.AD | CAT50FMH11/2''6.0''AD/2.5G25000SL | 1 1/2" | 3.75" | 6" | 0.938" | 3/4"-16 UNF-2B x 1 1/2" |

## Accessories:



FMH / CSMA CLAMPING SCREW

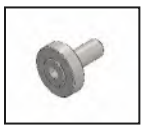
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| CAT 50 (ANSI B 5.50) FMH | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.C50.16m45.FMS.AD | CAT50 FMH16 045 AD/2.5G 25000 SL | 16 | 38 | 45 | 17 | M8 x 1.25P |
| HK0.C50.16m100.FMS.AD | CAT50 FMH16 100 AD/2.5G 25000 SL | 16 | 38 | 100 | 17 | M8 x 1.25P |
| HK0.C50.16m130.FMS.AD | CAT50 FMH16 130 AD/2.5G 25000 SL | 16 | 38 | 130 | 17 | M8 x 1.25P |
| HK0.C50.16m160.FMS.AD | CAT50 FMH16 160 AD/2.5G 25000 SL | 16 | 38 | 160 | 17 | M8 x 1.25P |
| HK0.C50.22m45.FMS.AD | CAT50 FMH22 045 AD/2.5G 25000 SL | 22 | 48 | 45 | 19 | M10 x 1.5P |
| HK0.C50.22m100.FMS.AD | CAT50 FMH22 100 AD/2.5G 25000 SL | 22 | 48 | 100 | 19 | M10 x 1.5P |
| HK0.C50.22m130.FMS.AD | CAT50 FMH22 130 AD/2.5G 25000 SL | 22 | 48 | 130 | 19 | M10 x 1.5P |
| HK0.C50.22m160.FMS.AD | CAT50 FMH22 160 AD/2.5G 25000 SL | 22 | 48 | 160 | 19 | M10 x 1.5P |
| HK0.C50.27m45.FMS.AD | CAT50 FMH27 045 AD/2.5G 25000 SL | 27 | 58 | 45 | 21 | M12 x 1.75P |
| HK0.C50.27m100.FMS.AD | CAT50 FMH27 100 AD/2.5G 25000 SL | 27 | 58 | 100 | 21 | M12 x 1.75P |
| HK0.C50.27m130.FMS.AD | CAT50 FMH27 130 AD/2.5G 25000 SL | 27 | 58 | 130 | 21 | M12 x 1.75P |
| HK0.C50.27m160.FMS.AD | CAT50 FMH27 160 AD/2.5G 25000 SL | 27 | 58 | 160 | 21 | M12 x 1.75P |
| HK0.C50.32m50.FMS.AD | CAT50 FMH32 050 AD/2.5G 25000 SL | 32 | 78 | 50 | 24 | M16 x 2P |
| HK0.C50.32m100.FMS.AD | CAT50 FMH32 100 AD/2.5G 25000 SL | 32 | 78 | 100 | 24 | M16 x 2P |
| HK0.C50.32m130.FMS.AD | CAT50 FMH32 130 AD/2.5G 25000 SL | 32 | 78 | 130 | 24 | M16 x 2P |
| HK0.C50.32m160.FMS.AD | CAT50 FMH32 160 AD/2.5G 25000 SL | 32 | 78 | 160 | 24 | M16 x 2P |
| HK0.C50.40m55.FMS.AD | CAT50 FMH40 055 AD/2.5G 25000 SL | 40 | 88 | 55 | 27 | M20 x 2.5P |
| HK0.C50.40m100.FMS.AD | CAT50 FMH40 100 AD/2.5G 25000 SL | 40 | 88 | 100 | 27 | M20 x 2.5P |
| HK0.C50.40m130.FMS.AD | CAT50 FMH40 130 AD/2.5G 25000 SL | 40 | 88 | 130 | 27 | M20 x 2.5P |
| HK0.C50.40m160.FMS.AD | CAT50 FMH40 160 AD/2.5G 25000 SL | 40 | 88 | 160 | 27 | M20 x 2.5P |

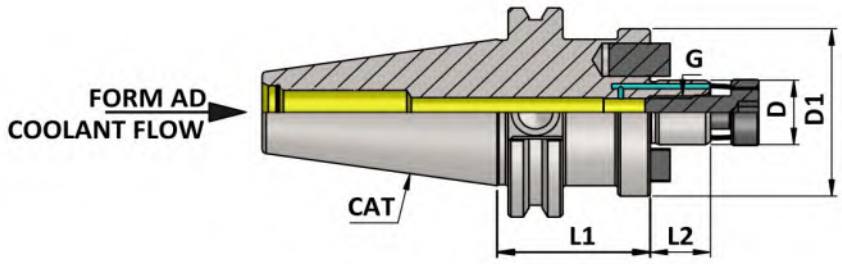
## Accessories:



FMH / CSMA CLAMPING SCREW

# CAT (ANSI B 5.50) Face Mill Holder (Through Coolant ) FMH-K

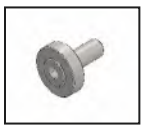
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**INCH**

| CAT 50 (ANSI B 5.50) Face Mill Holder (Through Coolant ) FMH-K | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.C50.3/4z13/4.FMK.AD | CAT50FMH-K3/4''13/4''AD/2.5G25000SL | 3/4" | 2" | 1 3/4" | 0.687" | 3/8"-24 UNF-2B x 1.0" |
| HK0.C50.3/4z35.FMK.AD | CAT50FMH-K3/4'' 3.5''AD/2.5G25000SL | 3/4" | 2" | 3.5" | 0.687" | 3/8"-24 UNF-2B x 1.0" |
| HK0.C50.3/4z55.FMK.AD | CAT50FMH-K3/4'' 5.5''AD/2.5G25000SL | 3/4" | 2" | 5.5" | 0.687" | 3/8"-24 UNF-2B x 1.0" |
| HK0.C50.1z2.FMK.AD | CAT50FMH-K1.0'' 2.0''AD/2.5G25000SL | 1" | 2.375" | 2" | 0.687" | 1/2"-20 UNF-2B x 1 1/4" |
| HK0.C50.1z4.FMK.AD | CAT50FMH-K1.0'' 4.0''AD/2.5G25000SL | 1" | 2.375" | 4" | 0.687" | 1/2"-20 UNF-2B x 1 1/4" |
| HK0.C50.1z6.FMK.AD | CAT50FMH-K1.0'' 6.0''AD/2.5G25000SL | 1" | 2.375" | 6" | 0.687" | 1/2"-20 UNF-2B x 1 1/4" |
| HK0.C50.11/4z15.FMK.AD | CAT50FMH-K11/4''1.5''AD/2.5G25000SL | 1 1/4" | 2.875" | 1.5" | 0.687" | 5/8"-18 UNF-2B x 1 1/4" |
| HK0.C50.11/4z2.FMK.AD | CAT50FMH-K11/4''2.0''AD/2.5G25000SL | 1 1/4" | 2.875" | 2" | 0.687" | 5/8"-18 UNF-2B x 1 1/4" |
| HK0.C50.11/4z35.FMK.AD | CAT50FMH-K11/4''3.5''AD/2.5G25000SL | 1 1/4" | 2.875" | 3.5" | 0.687" | 5/8"-18 UNF-2B x 1 1/4" |
| HK0.C50.11/4z6.FMK.AD | CAT50FMH-K11/4''6.0''AD/2.5G25000SL | 1 1/4" | 2.875" | 6" | 0.687" | 5/8"-18 UNF-2B x 1 1/4" |
| HK0.C50.11/2z2.FMK.AD | CAT50FMH-K11/2''2.0''AD/2.5G25000SL | 1 1/2" | 3.75" | 2" | 0.687" | 3/4"-16 UNF-2B x 1 1/2" |
| HK0.C50.11/2z24.FMK.AD | CAT50FMH-K11/2''2.4''AD/2.5G25000SL | 1 1/2" | 3.75" | 2.4" | 0.938" | 3/4"-16 UNF-2B x 1 1/2" |
| HK0.C50.11/2z4.FMK.AD | CAT50FMH-K11/2''4.0''AD/2.5G25000SL | 1 1/2" | 3.75" | 4" | 0.938" | 3/4"-16 UNF-2B x 1 1/2" |
| HK0.C50.11/2z6.FMK.AD | CAT50FMH-K11/2''6.0''AD/2.5G25000SL | 1 1/2" | 3.75" | 6" | 0.938" | 3/4"-16 UNF-2B x 1 1/2" |

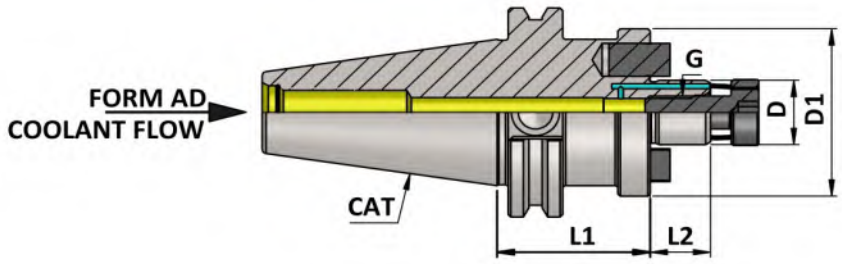
## Accessories:



FMH / CSMA CLAMPING SCREW

# CAT 50 (ANSI B 5.50) Face Mill Holder (Through Coolant ) FMH-K

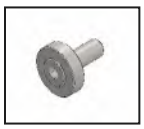
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| CAT 50 (ANSI B 5.50) FMH-K | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.C50.16m45.FMK.AD | CAT50 FMH-K16 045 AD/2.5G 25000 SL | 16 | 38 | 45 | 17 | M8 x 1.25P |
| HK0.C50.16m100.FMK.AD | CAT50 FMH-K16 100 AD/2.5G 25000 SL | 16 | 38 | 100 | 17 | M8 x 1.25P |
| HK0.C50.16m130.FMK.AD | CAT50 FMH-K16 130 AD/2.5G 25000 SL | 16 | 38 | 130 | 17 | M8 x 1.25P |
| HK0.C50.16m160.FMK.AD | CAT50 FMH-K16 160 AD/2.5G 25000 SL | 16 | 38 | 160 | 17 | M8 x 1.25P |
| HK0.C50.22m45.FMK.AD | CAT50 FMH-K22 045 AD/2.5G 25000 SL | 22 | 48 | 45 | 19 | M10 x 1.5P |
| HK0.C50.22m100.FMK.AD | CAT50 FMH-K22 100 AD/2.5G 25000 SL | 22 | 48 | 100 | 19 | M10 x 1.5P |
| HK0.C50.22m130.FMK.AD | CAT50 FMH-K22 130 AD/2.5G 25000 SL | 22 | 48 | 130 | 19 | M10 x 1.5P |
| HK0.C50.22m160.FMK.AD | CAT50 FMH-K22 160 AD/2.5G 25000 SL | 22 | 48 | 160 | 19 | M10 x 1.5P |
| HK0.C50.27m45.FMK.AD | CAT50 FMH-K27 045 AD/2.5G 25000 SL | 27 | 58 | 45 | 21 | M12 x 1.75P |
| HK0.C50.27m100.FMK.AD | CAT50 FMH-K27 100 AD/2.5G 25000 SL | 27 | 58 | 100 | 21 | M12 x 1.75P |
| HK0.C50.27m130.FMK.AD | CAT50 FMH-K27 130 AD/2.5G 25000 SL | 27 | 58 | 130 | 21 | M12 x 1.75P |
| HK0.C50.27m160.FMK.AD | CAT50 FMH-K27 160 AD/2.5G 25000 SL | 27 | 58 | 160 | 21 | M12 x 1.75P |
| HK0.C50.32m50.FMK.AD | CAT50 FMH-K32 050 AD/2.5G 25000 SL | 32 | 78 | 50 | 24 | M16 x 2P |
| HK0.C50.32m100.FMK.AD | CAT50 FMH-K32 100 AD/2.5G 25000 SL | 32 | 78 | 100 | 24 | M16 x 2P |
| HK0.C50.32m130.FMK.AD | CAT50 FMH-K32 130 AD/2.5G 25000 SL | 32 | 78 | 130 | 24 | M16 x 2P |
| HK0.C50.32m160.FMK.AD | CAT50 FMH-K32 160 AD/2.5G 25000 SL | 32 | 78 | 160 | 24 | M16 x 2P |
| HK0.C50.40m55.FMK.AD | CAT50 FMH-K40 055 AD/2.5G 25000 SL | 40 | 88 | 55 | 27 | M20 x 2.5P |
| HK0.C50.40m100.FMK.AD | CAT50 FMH-K40 100 AD/2.5G 25000 SL | 40 | 88 | 100 | 27 | M20 x 2.5P |
| HK0.C50.40m130.FMK.AD | CAT50 FMH-K40 130 AD/2.5G 25000 SL | 40 | 88 | 130 | 27 | M20 x 2.5P |
| HK0.C50.40m160.FMK.AD | CAT50 FMH-K40 160 AD/2.5G 25000 SL | 40 | 88 | 160 | 27 | M20 x 2.5P |

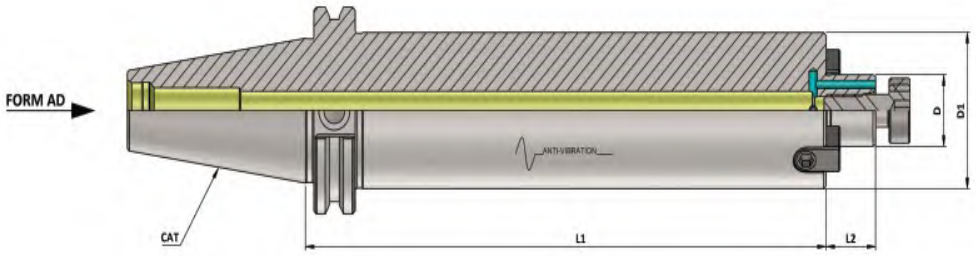
## Accessories:



FMH / CSMA CLAMPING SCREW

# CAT 50 (ANSI B 5.50) Face Mill Holder
# Anti - Vibration (FMH-K AD/AV) (DIN 6357)

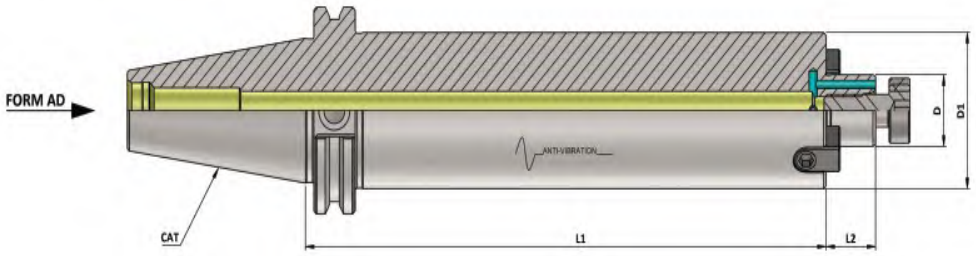
Maximum Run out of the External diameter with respect to the External Taper 0.010 mm




**METRIC**

| CAT 50 (ANSI B 5.50) (FMH-K - AD/AV) | | | | |
|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | D | D1 | L1 | L2 |
| HK0.C50.16m200.FMV.ADAV | CAT50 FMH-K16 200 AD/AV | 16 | 38 | 200 | 17 |
| HK0.C50.16m250.FMV.ADAV | CAT50 FMH-K16 250 AD/AV | 16 | 38 | 250 | 17 |
| HK0.C50.16m300.FMV.ADAV | CAT50 FMH-K16 300 AD/AV | 16 | 38 | 300 | 17 |
| HK0.C50.16m350.FMV.ADAV | CAT50 FMH-K16 350 AD/AV | 16 | 38 | 350 | 17 |
| HK0.C50.16m400.FMV.ADAV | CAT50 FMH-K16 400 AD/AV | 16 | 38 | 400 | 17 |
| HK0.C50.22m200.FMV.ADAV | CAT50 FMH-K22 200 AD/AV | 22 | 48 | 200 | 19 |
| HK0.C50.22m250.FMV.ADAV | CAT50 FMH-K22 250 AD/AV | 22 | 48 | 250 | 19 |
| HK0.C50.22m300.FMV.ADAV | CAT50 FMH-K22 300 AD/AV | 22 | 48 | 300 | 19 |
| HK0.C50.22m350.FMV.ADAV | CAT50 FMH-K22 350 AD/AV | 22 | 48 | 350 | 19 |
| HK0.C50.22m400.FMV.ADAV | CAT50 FMH-K22 400 AD/AV | 22 | 48 | 400 | 19 |
| HK0.C50.27m200.FMV.ADAV | CAT50 FMH-K27 200 AD/AV | 27 | 58 | 200 | 21 |
| HK0.C50.27m250.FMV.ADAV | CAT50 FMH-K27 250 AD/AV | 27 | 58 | 250 | 21 |
| HK0.C50.27m300.FMV.ADAV | CAT50 FMH-K27 300 AD/AV | 27 | 58 | 300 | 21 |
| HK0.C50.27m350.FMV.ADAV | CAT50 FMH-K27 350 AD/AV | 27 | 58 | 350 | 21 |
| HK0.C50.27m400.FMV.ADAV | CAT50 FMH-K27 400 AD/AV | 27 | 58 | 400 | 21 |
| HK0.C50.32m200.FMV.ADAV | CAT50 FMH-K32 200 AD/AV | 32 | 78 | 200 | 24 |
| HK0.C50.32m250.FMV.ADAV | CAT50 FMH-K32 250 AD/AV | 32 | 78 | 250 | 24 |
| HK0.C50.32m300.FMV.ADAV | CAT50 FMH-K32 300 AD/AV | 32 | 78 | 300 | 24 |
| HK0.C50.32m350.FMV.ADAV | CAT50 FMH-K32 350 AD/AV | 32 | 78 | 350 | 24 |
| HK0.C50.32m400.FMV.ADAV | CAT50 FMH-K32 400 AD/AV | 32 | 78 | 400 | 24 |
| HK0.C50.40m200.FMV.ADAV | CAT50 FMH-K40 200 AD/AV | 40 | 88 | 200 | 27 |
| HK0.C50.40m250.FMV.ADAV | CAT50 FMH-K40 250 AD/AV | 40 | 88 | 250 | 27 |
| HK0.C50.40m300.FMV.ADAV | CAT50 FMH-K40 300 AD/AV | 40 | 88 | 300 | 27 |
| HK0.C50.40m350.FMV.ADAV | CAT50 FMH-K40 350 AD/AV | 40 | 88 | 350 | 27 |
| HK0.C50.40m400.FMV.ADAV | CAT50 FMH-K40 400 AD/AV | 40 | 88 | 400 | 27 |

Maximum Run out of the External diameter with respect to the External Taper 0.010 mm

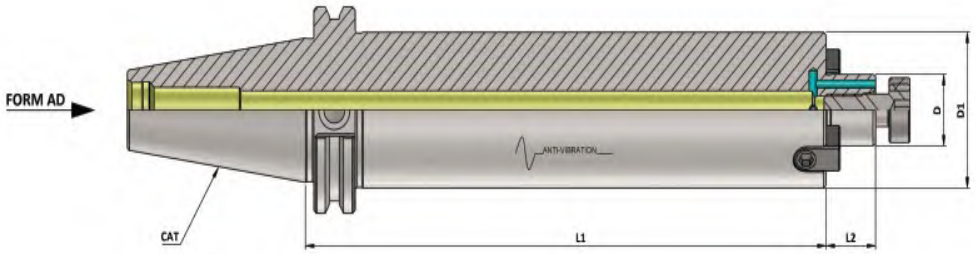



**INCH**

| CAT 50 (ANSI B 5.50) (FMH-K - AD/AV) | | | | | |
|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | D | D1 | L1 | L2 |
| HK0.C50.3/4z7874.FMV.ADAV | CAT50 FMH-K3/4'' 200 AD/AV | 3/4" | 2" | 7.874" | 0.687" |
| HK0.C50.3/4z9843.FMV.ADAV | CAT50 FMH-K3/4'' 250 AD/AV | 3/4" | 2" | 9.843" | 0.687" |
| HK0.C50.3/4z11811.FMV.ADAV | CAT50 FMH-K3/4'' 300 AD/AV | 3/4" | 2" | 11.811" | 0.687" |
| HK0.C50.3/4z1378.FMV.ADAV | CAT50 FMH-K3/4'' 350 AD/AV | 3/4" | 2" | 13.78" | 0.687" |
| HK0.C50.3/4z15748.FMV.ADAV | CAT50 FMH-K3/4'' 400 AD/AV | 3/4" | 2" | 15.748" | 0.687" |
| HK0.C50.1z7874.FMV.ADAV | CAT50 FMH-K1.0'' 200 AD/AV | 1" | 2.375" | 7.874" | 0.687" |
| HK0.C50.1z9843.FMV.ADAV | CAT50 FMH-K1.0'' 250 AD/AV | 1" | 2.375" | 9.843" | 0.687" |
| HK0.C50.1z11811.FMV.ADAV | CAT50 FMH-K1.0'' 300 AD/AV | 1" | 2.375" | 11.811" | 0.687" |
| HK0.C50.1z1378.FMV.ADAV | CAT50 FMH-K1.0'' 350 AD/AV | 1" | 2.375" | 13.78" | 0.687" |
| HK0.C50.1z15748.FMV.ADAV | CAT50 FMH-K1.0'' 400 AD/AV | 1" | 2.375" | 15.748" | 0.687" |
| HK0.C50.11/4z7874.FMV.ADAV | CAT50 FMH-K1-1/4'' 200 AD/AV | 1-1/4" | 2.875" | 7.874" | 0.687" |
| HK0.C50.11/4z9843.FMV.ADAV | CAT50 FMH-K1-1/4'' 250 AD/AV | 1-1/4" | 2.875" | 9.843" | 0.687" |
| HK0.C50.11/4z11811.FMV.ADAV | CAT50 FMH-K1-1/4'' 300 AD/AV | 1-1/4" | 2.875" | 11.811" | 0.687" |
| HK0.C50.11/4z1378.FMV.ADAV | CAT50 FMH-K1-1/4'' 350 AD/AV | 1-1/4" | 2.875" | 13.78" | 0.687" |
| HK0.C50.11/4z15748.FMV.ADAV | CAT50 FMH-K1-1/4'' 400 AD/AV | 1-1/4" | 2.875" | 15.748" | 0.687" |
| HK0.C50.11/2z7874.FMV.ADAV | CAT50 FMH-K1-1/2'' 200 AD/AV | 1-1/2" | 3.750" | 7.874" | 0.938" |
| HK0.C50.11/2z9843.FMV.ADAV | CAT50 FMH-K1-1/2'' 250 AD/AV | 1-1/2" | 3.750" | 9.843" | 0.938" |
| HK0.C50.11/2z11811.FMV.ADAV | CAT50 FMH-K1-1/2'' 300 AD/AV | 1-1/2" | 3.750" | 11.811" | 0.938" |
| HK0.C50.11/2z1378.FMV.ADAV | CAT50 FMH-K1-1/2'' 350 AD/AV | 1-1/2" | 3.750" | 13.78" | 0.938" |
| HK0.C50.11/2z15748.FMV.ADAV | CAT50 FMH-K1-1/2'' 400 AD/AV | 1-1/2" | 3.750" | 15.748" | 0.938" |

# CAT 50 (ANSI B 5.50) Hydraulic Expansion Face Mill Holder (HC-FMH-K)

Maximum Run out of the External diameter with respect to the External Taper 0.005 mm



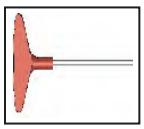

**INCH**

| CAT 50 (ANSI-B 5.50) Hydraulic Expansion Face Mill Holder (HC-FMH-K) | | | | | |
|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 |
| HK0.C50.1z2.FMH.AD | CAT50 HC FMH-K 1.0'' X 2.0'' AD/ 2.5G 25000 SL | 1" | 2.375" | 2" | 0.687" |
| HK0.C50.1z4.FMH.AD | CAT50 HC FMH-K1.0'' 4.0'' AD/ 2.5G 25000 SL | 1" | 2.375" | 4" | 0.687" |
| HK0.C50.1z6.FMH.AD | CAT50 HC FMH-K1.0'' 6.0'' AD/ 2.5G 25000 SL | 1" | 2.375" | 6" | 0.687" |
| HK0.C50.11/4z2.FMH.AD | CAT50 HC FMH-K1 1/4'' X 2.0'' AD/ 2.5G 25000 SL | 1 1/4" | 2.875" | 2" | 0.687" |
| HK0.C50.11/4z4.FMH.AD | CAT50 HC FMH-K1 1/4'' 4.0'' AD/ 2.5G 25000 SL | 1 1/4" | 2.875" | 4" | 0.687" |
| HK0.C50.11/4z6.FMH.AD | CAT50 HC FMH-K1 1/4'' 6.0'' AD/ 2.5G 25000 SL | 1 1/4" | 2.875" | 6" | 0.687" |
| HK0.C50.11/2z2.FMH.AD | CAT50 HC FMH-K1 1/2'' X 2.0'' AD/ 2.5G 25000 SL | 1 1/2" | 3.750" | 2" | 0.938" |
| HK0.C50.11/2z4.FMH.AD | CAT50 HC FMH-K1 1/2'' 4.0'' AD/ 2.5G 25000 SL | 1 1/2" | 3.750" | 4" | 0.938" |
| HK0.C50.11/2z6.FMH.AD | CAT50 HC FMH-K1 1/2'' 6.0'' AD/ 2.5G 25000 SL | 1 1/2" | 3.750" | 6" | 0.938" |

**METRIC**

| CAT 50 (ANSI-B 5.50) Hydraulic Expansion Face Mill Holder (HC-FMH-K) | | | | | |
|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 |
| HK0.C50.22m45.FMH.AD | CAT50 HC FMH-K22 045 AD/ 2.5G 25000 SL | 22 | 48 | 45 | 19 |
| HK0.C50.22m100.FMH.AD | CAT50 HC FMH-K22 100 AD/ 2.5G 25000 SL | 22 | 48 | 100 | 19 |
| HK0.C50.22m160.FMH.AD | CAT50 HC FMH-K22 160 AD/ 2.5G 25000 SL | 22 | 48 | 160 | 19 |
| HK0.C50.27m45.FMH.AD | CAT50 HC FMH-K27 045 AD/ 2.5G 25000 SL | 27 | 50 | 45 | 21 |
| HK0.C50.27m100.FMH.AD | CAT50 HC FMH-K27 100 AD/ 2.5G 25000 SL | 27 | 50 | 100 | 21 |
| HK0.C50.27m160.FMH.AD | CAT50 HC FMH-K27 160 AD/ 2.5G 25000 SL | 27 | 50 | 160 | 21 |
| HK0.C50.32m50.FMH.AD | CAT50 HC FMH-K32 050 AD/ 2.5G 25000 SL | 32 | 78 | 50 | 24 |
| HK0.C50.32m100.FMH.AD | CAT50 HC FMH-K32 100 AD/ 2.5G 25000 SL | 32 | 78 | 100 | 24 |
| HK0.C50.32m160.FMH.AD | CAT50 HC FMH-K32 160 AD/ 2.5G 25000 SL | 32 | 78 | 160 | 24 |
| HK0.C50.40m55.FMH.AD | CAT50 HC FMH-K40 055 AD/ 2.5G 25000 SL | 40 | 88 | 55 | 27 |
| HK0.C50.40m100.FMH.AD | CAT50 HC FMH-K40 100 AD/ 2.5G 25000 SL | 40 | 88 | 100 | 27 |
| HK0.C50.40m160.FMH.AD | CAT50 HC FMH-K40 160 AD/ 2.5G 25000 SL | 40 | 88 | 160 | 27 |

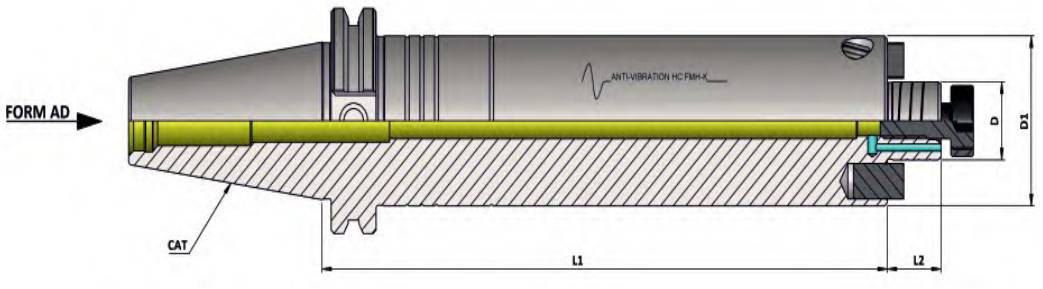
## Accessories:



KEY HC 5MM

# CAT 50 (ANSI B 5.50) Hydraulic Expansion Face Mill Holder Anti - Vibration (HC-FMH-K AD/AV)

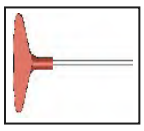
Maximum Run out of the External diameter with respect to the External Taper 0.010 mm




**INCH**

| CAT 50 (ANSI-B 5.50) Hydraulic Expansion Face Mill Holder (HC-FMH-K - AD/AV) | | | | | |
|---|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D** | **D1** | **L1** | **L2** |
| HK0.C50.1z7874.FKV.ADAV | CAT50 HC FMH-K1.0'' 200 AD/AV | 1" | 2.375" | 7.874" | 0.687" |
| HK0.C50.1z9843.FKV.ADAV | CAT50 HC FMH-K1.0'' 250 AD/AV | 1" | 2.375" | 9.843" | 0.687" |
| HK0.C50.1z11811.FKV.ADAV | CAT50 HC FMH-K1.0'' 300 AD/AV | 1" | 2.375" | 11.811" | 0.687" |
| HK0.C50.1z1378.FKV.ADAV | CAT50 HC FMH-K1.0'' 350 AD/AV | 1" | 2.375" | 13.78" | 0.687" |
| HK0.C50.1z15748.FKV.ADAV | CAT50 HC FMH-K1.0'' 400 AD/AV | 1" | 2.375" | 15.748" | 0.687" |
| HK0.C50.11/4z7874.FKV.ADAV | CAT50 HC FMH-K1 1/4'' 200 AD/AV | 1 1/4" | 2.875" | 7.874" | 0.687" |
| HK0.C50.11/4z9843.FKV.ADAV | CAT50 HC FMH-K1 1/4'' 250 AD/AV | 1 1/4" | 2.875" | 9.843" | 0.687" |
| HK0.C50.11/4z11811.FKV.ADAV | CAT50 HC FMH-K1 1/4'' 300 AD/AV | 1 1/4" | 2.875" | 11.811" | 0.687" |
| HK0.C50.11/4z1378.FKV.ADAV | CAT50 HC FMH-K1 1/4'' 350 AD/AV | 1 1/4" | 2.875" | 13.78" | 0.687" |
| HK0.C50.11/4z15748.FKV.ADAV | CAT50 HC FMH-K1 1/4'' 400 AD/AV | 1 1/4" | 2.875" | 15.748" | 0.687" |
| HK0.C50.11/2z7874.FKV.ADAV | CAT50 HC FMH-K1 1/2'' 200 AD/AV | 1 1/2" | 3.750" | 7.874" | 0.938" |
| HK0.C50.11/2z9843.FKV.ADAV | CAT50 HC FMH-K1 1/2'' 250 AD/AV | 1 1/2" | 3.750" | 9.843" | 0.938" |
| HK0.C50.11/2z11811.FKV.ADAV | CAT50 HC FMH-K1 1/2'' 300 AD/AV | 1 1/2" | 3.750" | 11.811" | 0.938" |
| HK0.C50.11/2z1378.FKV.ADAV | CAT50 HC FMH-K1 1/2'' 350 AD/AV | 1 1/2" | 3.750" | 13.78" | 0.938" |
| HK0.C50.11/2z15748.FKV.ADAV | CAT50 HC FMH-K1 1/2'' 400 AD/AV | 1 1/2" | 3.750" | 15.748" | 0.938" |

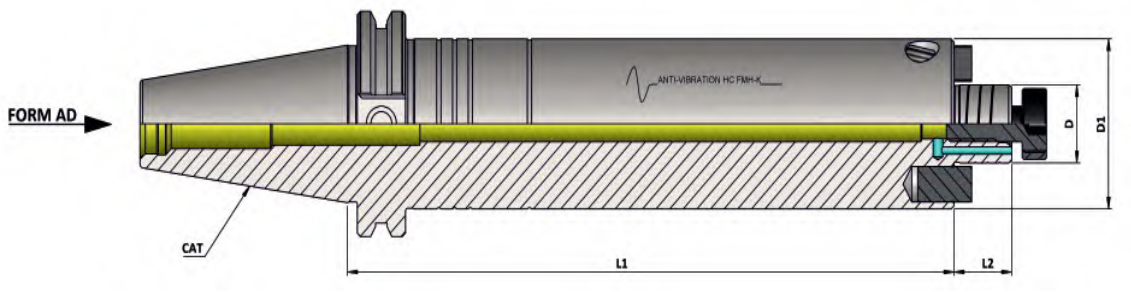
## Accessories:



KEY HC 5MM

# CAT 50 (ANSI B 5.50) Hydraulic Expansion Face Mill Holder Anti - Vibration (HC-FMH-K AD/AV)

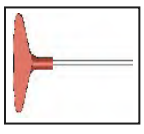
Maximum Run out of the External diameter with respect to the External Taper 0.010 mm




**METRIC**

| CAT 50 (ANSI-B 5.50) Hydraulic Expansion Face Mill Holder (HC-FMH-K - AD/AV) | | | | | |
|---|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D** | **D1** | **L1** | **L2** |
| HK0.C50.22m200.FKV.ADAV | CAT50 HC FMH-K22 200 AD/AV | 22 | 48 | 200 | 19 |
| HK0.C50.22m250.FKV.ADAV | CAT50 HC FMH-K22 250 AD/AV | 22 | 48 | 250 | 19 |
| HK0.C50.22m300.FKV.ADAV | CAT50 HC FMH-K22 300 AD/AV | 22 | 48 | 300 | 19 |
| HK0.C50.22m350.FKV.ADAV | CAT50 HC FMH-K22 350 AD/AV | 22 | 48 | 350 | 19 |
| HK0.C50.22m400.FKV.ADAV | CAT50 HC FMH-K22 400 AD/AV | 22 | 48 | 400 | 19 |
| HK0.C50.27m200.FKV.ADAV | CAT50 HC FMH-K27 200 AD/AV | 27 | 50 | 200 | 21 |
| HK0.C50.27m250.FKV.ADAV | CAT50 HC FMH-K27 250 AD/AV | 27 | 50 | 250 | 21 |
| HK0.C50.27m300.FKV.ADAV | CAT50 HC FMH-K27 300 AD/AV | 27 | 50 | 300 | 21 |
| HK0.C50.27m350.FKV.ADAV | CAT50 HC FMH-K27 350 AD/AV | 27 | 50 | 350 | 21 |
| HK0.C50.27m400.FKV.ADAV | CAT50 HC FMH-K27 400 AD/AV | 27 | 50 | 400 | 21 |
| HK0.C50.32m200.FKV.ADAV | CAT50 HC FMH-K32 200 AD/AV | 32 | 78 | 200 | 24 |
| HK0.C50.32m250.FKV.ADAV | CAT50 HC FMH-K32 250 AD/AV | 32 | 78 | 250 | 24 |
| HK0.C50.32m300.FKV.ADAV | CAT50 HC FMH-K32 300 AD/AV | 32 | 78 | 300 | 24 |
| HK0.C50.32m350.FKV.ADAV | CAT50 HC FMH-K32 350 AD/AV | 32 | 78 | 350 | 24 |
| HK0.C50.32m400.FKV.ADAV | CAT50 HC FMH-K32 400 AD/AV | 32 | 78 | 400 | 24 |
| HK0.C50.40m200.FKV.ADAV | CAT50 HC FMH-K40 200 AD/AV | 40 | 88 | 200 | 27 |
| HK0.C50.40m250.FKV.ADAV | CAT50 HC FMH-K40 250 AD/AV | 40 | 88 | 250 | 27 |
| HK0.C50.40m300.FKV.ADAV | CAT50 HC FMH-K40 300 AD/AV | 40 | 88 | 300 | 27 |
| HK0.C50.40m350.FKV.ADAV | CAT50 HC FMH-K40 350 AD/AV | 40 | 88 | 350 | 27 |
| HK0.C50.40m400.FKV.ADAV | CAT50 HC FMH-K40 400 AD/AV | 40 | 88 | 400 | 27 |

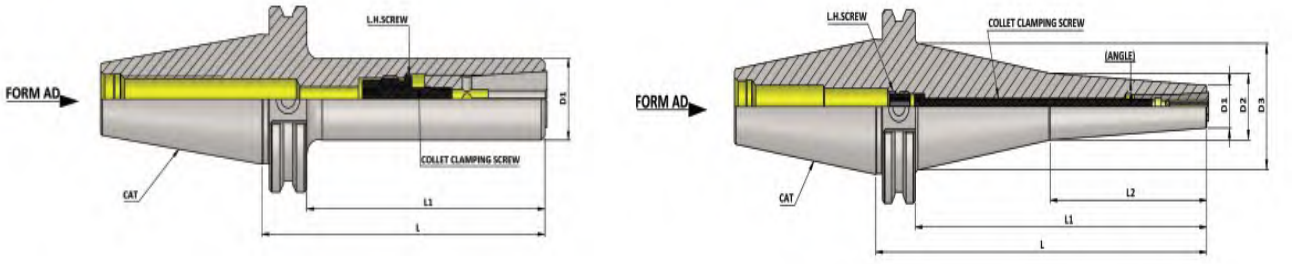
## Accessories:



KEY HC 5MM

# CAT 50 (ANSI B 5.50)
# Die & Mould Chuck (DMC)

Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm



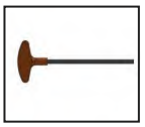

**INCH**

| CAT 50 (ANSI B 5.50) (DMC) | | | | | | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | GRIPPING RANGE | D1 | D2 | D3 | L | L1 | L2 | ANGLE | SUITABLE COLLET | SCREW | ALLEN KEY |
| HK0.C50.1102z5906.DMC.AD | CAT50 DMC 10 150 AD 2.5G 25000 SL | 3-10 | 1.102" | – | – | 5.906" | 5.156" | – | – | DMC-10 | M8 | 6X200 |

## Accessories:

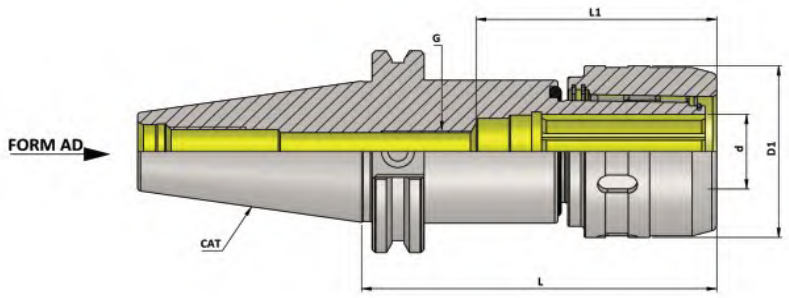

DMC COLLET


DMC ALLEN CAP SCREW


DMC ALLEN KEY


DMC LH SCREW

Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm




**METRIC**

| CAT 50 (ANSI B 5.50) (PMC) | | | | | | (Balanced to 6.3G 15000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | L | L1 | G |
| HK0.C50.20m105.PMC.AD | CAT50 C20 105 AD/6.3G 15000 SL | 20 | 54 | 105 | 70 | M 16 |
| HK0.C50.32m105.PMC.AD | CAT50 C32 105 AD/6.3G 15000 SL | 32 | 72 | 105 | 100 | M 16 |

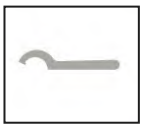
**INCH**

| CAT 50 (ANSI B 5.50) (PMC) | | | | | | (Balanced to 6.3G 15000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | L | L1 | G |
| HK0.C50.3/4z413.PMC.AD | CAT50C3/4''4.13''AD/6.3G15000SL | 3/4" | 2.126" | 4.13" | 2.756" | M 16 |
| HK0.C50.11/4z413.PMC.AD | CAT50C11/4''4.13''AD/6.3G15000SL | 1-1/4" | 2.835" | 4.13" | 3.937" | M 16 |

## Accessories:



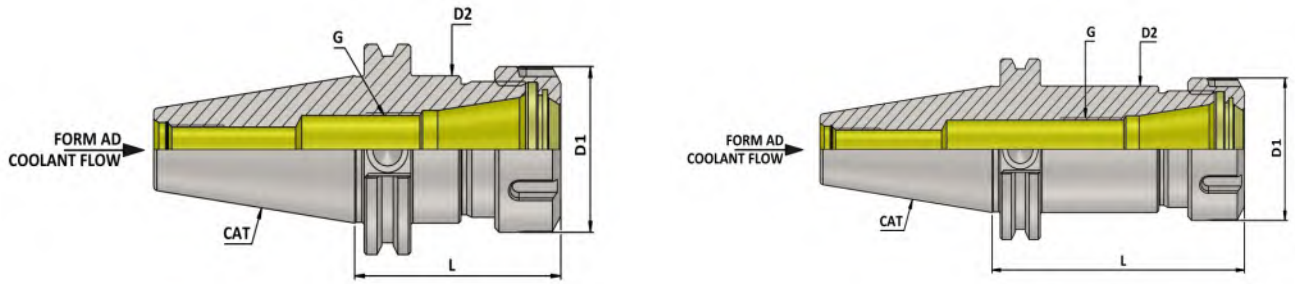
RS SEAL SLEEVE



POWER CHUCK SPANNER

# CAT 50 (ANSI B 5.50) Collet Chuck (ER)

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied




**INCH**

| CAT 50 (ANSI B 5.50) Collet Chuck (ER) | | | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Suitable Collet | Collet Capacity | D1 | D2 | G | L | Nut | Spanner |
| HK0.C50.126z2756.ERS | CAT50ER160702.5G25000SL | ER16 | 0.0156"-0.375" | 1.26" | 2.75" | M10X1 | 2.756" | UM/ER16 | E16 |
| HK0.C50.126z3937.ERS | CAT50ER161002.5G25000SL | ER16 | 0.0156"-0.375" | 1.26" | 2.75" | M10X1 | 3.937" | UM/ER16 | E16 |
| HK0.C50.126z5118.ERS | CAT50ER161302.5G25000SL | ER16 | 0.0156"-0.375" | 1.26" | 2.75" | M10X1 | 5.118" | UM/ER16 | E16 |
| HK0.C50.126z6299.ERS | CAT50ER161602.5G25000SL | ER16 | 0.0156"-0.375" | 1.26" | 2.75" | M10X1 | 6.299" | UM/ER16 | E16 |
| HK0.C50.1378z2756.ERS | CAT50ER200702.5G25000SL | ER20 | 0.0625"-0.5" | 1.378" | 2.75" | M10X1 | 2.756" | UM/ER20 | E20 |
| HK0.C50.1378z3937.ERS | CAT50ER201002.5G25000SL | ER20 | 0.0625"-0.5" | 1.378" | 2.75" | M10X1 | 3.937" | UM/ER20 | E20 |
| HK0.C50.1378z5118.ERS | CAT50ER201302.5G25000SL | ER20 | 0.0625"-0.5" | 1.378" | 2.75" | M10X1 | 5.118" | UM/ER20 | E20 |
| HK0.C50.1378z6299.ERS | CAT50ER201602.5G25000SL | ER20 | 0.0625"-0.5" | 1.378" | 2.75" | M10X1 | 6.299" | UM/ER20 | E20 |
| HK0.C50.1654z2756.ERS | CAT50ER250702.5G25000SL | ER25 | 0.0625"-0.625" | 1.654" | 2.75" | M18X1 | 2.756" | UM/ER25 | E25 |
| HK0.C50.1654z3937.ERS | CAT50ER251002.5G25000SL | ER25 | 0.0625"-0.625" | 1.654" | 2.75" | M18X1 | 3.937" | UM/ER25 | E25 |
| HK0.C50.1654z5118.ERS | CAT50ER251302.5G25000SL | ER25 | 0.0625"-0.625" | 1.654" | 2.75" | M18X1 | 5.118" | UM/ER25 | E25 |
| HK0.C50.1654z6299.ERS | CAT50ER251602.5G25000SL | ER25 | 0.0625"-0.625" | 1.654" | 2.75" | M18X1 | 6.299" | UM/ER25 | E25 |
| HK0.C50.1969z315.ERS | CAT50ER320802.5G25000SL | ER32 | 0.125"-0.75" | 1.969" | 2.75" | M22X1.5 | 3.15" | UM/ER32 | E32 |
| HK0.C50.1969z3937.ERS | CAT50ER321002.5G25000SL | ER32 | 0.125"-0.75" | 1.969" | 2.75" | M22X1.5 | 3.937" | UM/ER32 | E32 |
| HK0.C50.1969z5118.ERS | CAT50ER321302.5G25000SL | ER32 | 0.125"-0.75" | 1.969" | 2.75" | M22X1.5 | 5.118" | UM/ER32 | E32 |
| HK0.C50.1969z6299.ERS | CAT50ER321602.5G25000SL | ER32 | 0.125"-0.75" | 1.969" | 2.75" | M22X1.5 | 6.299" | UM/ER32 | E32 |
| HK0.C50.248z315.ERS | CAT50ER400802.5G25000SL | ER40 | 0.125"-1.00" | 2.48" | 2.75" | M30X1.5 | 3.15" | UM/ER40 | E40 |
| HK0.C50.248z3937.ERS | CAT50ER401002.5G25000SL | ER40 | 0.125"-1.00" | 2.48" | 2.75" | M30X1.5 | 3.937" | UM/ER40 | E40 |
| HK0.C50.248z5118.ERS | CAT50ER401302.5G25000SL | ER40 | 0.125"-1.00" | 2.48" | 2.75" | M30X1.5 | 5.118" | UM/ER40 | E40 |
| HK0.C50.248z6299.ERS | CAT50ER401602.5G25000SL | ER40 | 0.125"-1.00" | 2.48" | 2.75" | M30X1.5 | 6.299" | UM/ER40 | E40 |
| HK0.C50.3071z3937.ERS | CAT50ER501002.5G25000SL | ER50 | 0.25"-1.25" | 3.071" | 2.75" | M16X2 | 3.937" | UM/ER50 | E50 |
| HK0.C50.3071z6299.ERS | CAT50ER501602.5G25000SL | ER50 | 0.25"-1.25" | 3.071" | 2.75" | M16X2 | 6.299" | UM/ER50 | E50 |

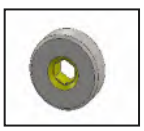
## Accessories:


ER COLLET (DIN 6499)

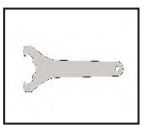

TAP COLLET ER-G


QC TAP COLLET QCTC

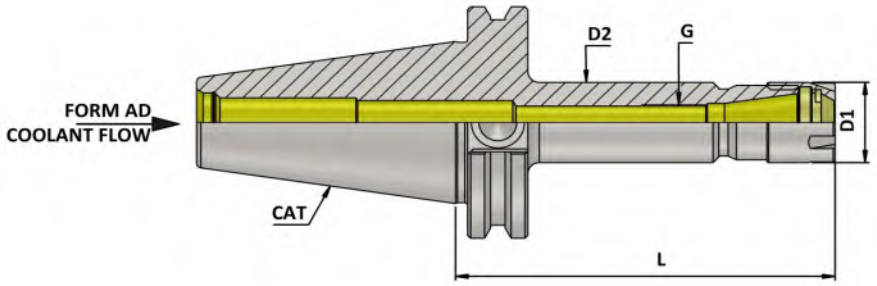

ER NUT


ER STOPPER SCREW


SEALING DISC


SPANNER E

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied




**INCH**

| CAT 50 (ANSI B 5.50) Collet Chuck ER-M Type | | | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Suitable Collet | Collet Capacity | D1 | D2 | G | L | Nut | Spanner |
| HK0.C50.0866z3937.ERM.AD | CAT50 ER16M 100 AD/ 2.5G 25000 SL | ER16 | 0.0156"- 0.375" | 0.866" | 0.866" | M10 x 1P | 3.937" | UM/ER16 | E16 |
| HK0.C50.0866z5118.ERM.AD | CAT50 ER16M 130 AD/ 2.5G 25000 SL | ER16 | 0.0156"- 0.375" | 0.866" | 0.866" | M10 x 1P | 5.118" | UM/ER16 | E16 |
| HK0.C50.0866z6299.ERM.AD | CAT50 ER16M 160 AD/ 2.5G 25000 SL | ER16 | 0.0156"- 0.375" | 0.866" | 0.866" | M10 x 1P | 6.299" | UM/ER16 | E16 |
| HK0.C50.1102z3937.ERM.AD | CAT50 ER20M 100 AD/ 2.5G 25000 SL | ER20 | 0.0625"-0.5" | 1.102" | 1.102" | M10 x 1P | 3.937" | UM/ER20 | E20 |
| HK0.C50.1102z5118.ERM.AD | CAT50 ER20M 130 AD/ 2.5G 25000 SL | ER20 | 0.0625"-0.5" | 1.102" | 1.102" | M10 x 1P | 5.118" | UM/ER20 | E20 |
| HK0.C50.1102z6299.ERM.AD | CAT50 ER20M 160 AD/ 2.5G 25000 SL | ER20 | 0.0625"-0.5" | 1.102" | 1.102" | M10 x 1P | 6.299" | UM/ER20 | E20 |

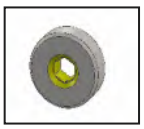
## Accessories:


ER COLLET (DIN 6499)


TAP COLLET ER-G


QC TAP COLLET QCTC


ER M NUT

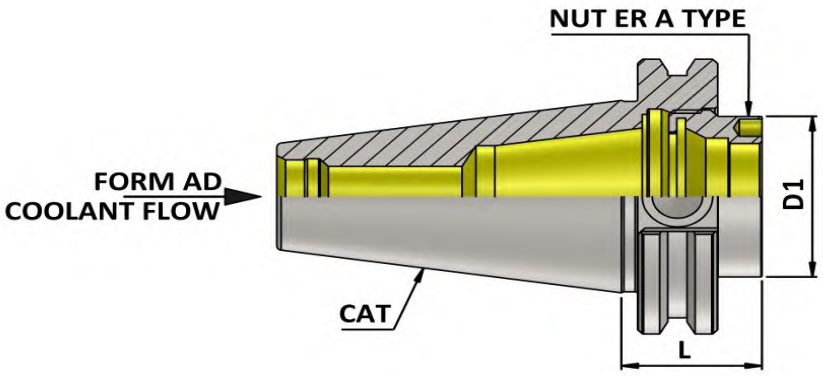

ER STOPPER SCREW


SEALING DISC


SPANNER EM

# CAT 50 (ANSI B 5.50)
# Short Length Collet Chuck ER-A

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied

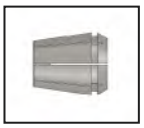



**INCH**

| CAT 50 (ANSI B 5.50) Short Legnth Collet Chuck ER - A | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **Suitable Collet** | **Collet Capacity** | **D1** | **L** | **Suitable Nut** |
| HK0.C50.1575z11.ERH.AD | CAT50 ER 32A 27.94 AD/2.5G25000 SL | ER32 | 0.125" - 0.75" | 1.575" | 1.1" | ER32A |

## Accessories:


ER COLLET (DIN 6499)


ER TAP COLLET ER-G

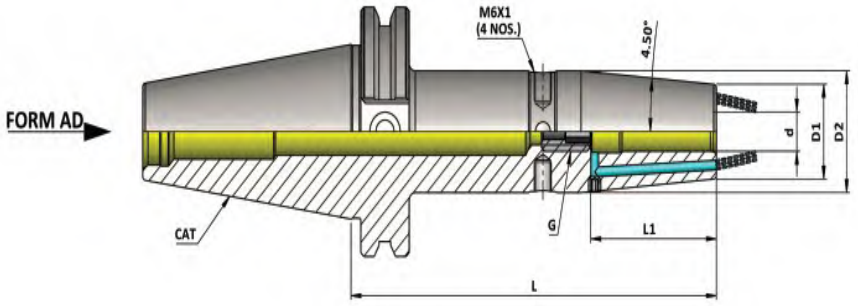

QC TAP COLLET QCTC


ER A TYPE NUT


ER A TYPE SPANNER

# CAT 50 (ANSI B 5.50)
# Collet Chuck ER AD Long Series

Maximum Run out of the Internal Taper with respect to the External Taper 0.010 mm as supplied




**INCH**

**CAT 50 (ANSI B 5.50) Collet Chuck AD ER Long Series**

| PRODUCT CODE | ITEM NAME | Suitable Collet | Collet Capacity | D1 | D2 | L | G | Suitable Nut | Suitable Spanner |
|---|---|---|---|---|---|---|---|---|---|
| HK0.C50.126z4000.ERL.AD | CAT50 ER 16 4'' AD | ER16 | 0.0156"-0.375" | 1.26" | 1.750" | 4" | M10X-1.0P | UM/ER16 | E16 |
| HK0.C50.126z7874.ERL.AD | CAT50ER16200AD | ER 16 | 0.0156"-0.375" | 1.26" | 1.181" | 7.874" | M10 X 1.5P | UM/ER16 | E16 |
| HK0.C50.126z9843.ERL.AD | CAT50ER16250AD | ER 16 | 0.0156"-0.375" | 1.26" | 1.181" | 9.843" | M10 X 1.5P | UM/ER16 | E16 |
| HK0.C50.126z11811.ERL.AD | CAT50ER16300AD | ER 16 | 0.0156"-0.375" | 1.26" | 1.181" | 11.811" | M10 X 1.5P | UM/ER16 | E16 |
| HK0.C50.126z1378.ERL.AD | CAT50ER16350AD | ER 16 | 0.0156"-0.375" | 1.26" | 1.181" | 13.78" | M10 X 1.5P | UM/ER16 | E16 |
| HK0.C50.126z15748.ERL.AD | CAT50ER16400AD | ER 16 | 0.0156"-0.375" | 1.26" | 1.181" | 15.748" | M10 X 1.5P | UM/ER16 | E16 |
| HK0.C50.1378z7874.ERL.AD | CAT50ER20200AD | ER 20 | 0.0625"-0.5" | 1.378" | 1.339" | 7.874" | M10 X 1.5P | UM/ER20 | E20 |
| HK0.C50.1378z9843.ERL.AD | CAT50ER20250AD | ER 20 | 0.0625"-0.5" | 1.378" | 1.339" | 9.843" | M10 X 1.5P | UM/ER20 | E20 |
| HK0.C50.1378z11811.ERL.AD | CAT50ER20300AD | ER 20 | 0.0625"-0.5" | 1.378" | 1.339" | 11.811" | M10 X 1.5P | UM/ER20 | E20 |
| HK0.C50.1378z1378.ERL.AD | CAT50ER20350AD | ER 20 | 0.0625"-0.5" | 1.378" | 1.339" | 13.78" | M10 X 1.5P | UM/ER20 | E20 |
| HK0.C50.1378z15748.ERL.AD | CAT50ER20400AD | ER 20 | 0.0625"-0.5" | 1.378" | 1.339" | 15.748" | M10 X 1.5P | UM/ER20 | E20 |
| HK0.C50.1654z7874.ERL.AD | CAT50ER25200AD | ER 25 | 0.0625"-0.625" | 1.654" | 1.575" | 7.874" | M16 X 2P | UM/ER25 | E25 |
| HK0.C50.1654z9843.ERL.AD | CAT50ER25250AD | ER 25 | 0.0625"-0.625" | 1.654" | 1.575" | 9.843" | M16 X 2P | UM/ER25 | E25 |
| HK0.C50.1654z11811.ERL.AD | CAT50ER25300AD | ER 25 | 0.0625"-0.625" | 1.654" | 1.575" | 11.811" | M16 X 2P | UM/ER25 | E25 |

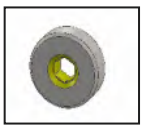
## Accessories:


ER COLLET (DIN 6499)

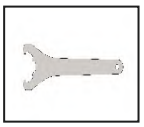

TAP COLLET ER-G


QC TAP COLLET QCTC

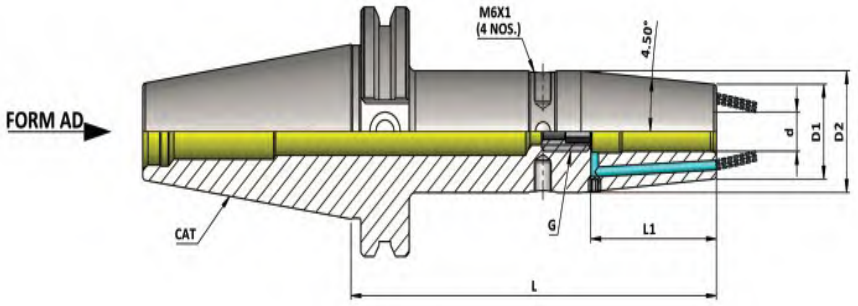

ER NUT


ER STOPPER SCREW


SEALING DISC


SPANNER E

Maximum Run out of the Internal Taper with respect to the External Taper 0.010 mm as supplied




**INCH**

**CAT 50 (ANSI B 5.50) Collet Chuck AD ER Long Series**

| PRODUCT CODE | ITEM NAME | Suitable Collet | Collet Capacity | D1 | D2 | L | G | Suitable Nut | Suitable Spanner |
|---|---|---|---|---|---|---|---|---|---|
| HK0.C50.1654z1378.ERL.AD | CAT50 ER 25 350 AD | ER 25 | 0.0625"-0.625" | 1.654" | 1.575" | 13.78" | M16 X 2P | UM/ER25 | E25 |
| HK0.C50.1654z15748.ERL.AD | CAT50 ER 25 400 AD | ER 25 | 0.0625"-0.625" | 1.654" | 1.575" | 15.748" | M16 X 2P | UM/ER25 | E25 |
| HK0.C50.1969z6000.ERL.AD | CAT50 ER 32 6'' AD | ER32 | 0.125"-0.75" | 1.969" | 1.750" | 6" | M22X1.5 | UM/ER32 | E32 |
| HK0.C50.1969z7874.ERL.AD | CAT50 ER 32 200 AD | ER 32 | 0.125”-0.75" | 1.969" | 1.89" | 7.874" | M16 X 2P | UM/ER32 | E32 |
| HK0.C50.1969z9843.ERL.AD | CAT50 ER 32 250 AD | ER 32 | 0.125”-0.75" | 1.969" | 1.89" | 9.843" | M16 X 2P | UM/ER32 | E32 |
| HK0.C50.1969z11811.ERL.AD | CAT50 ER 32 300 AD | ER 32 | 0.125”-0.75" | 1.969" | 1.89" | 11.811" | M16 X 2P | UM/ER32 | E32 |
| HK0.C50.1969z1378.ERL.AD | CAT50 ER 32 350 AD | ER 32 | 0.125”-0.75" | 1.969" | 1.89" | 13.78" | M16 X 2P | UM/ER32 | E32 |
| HK0.C50.1969z15748.ERL.AD | CAT50 ER 32 400 AD | ER 32 | 0.125”-0.75" | 1.969" | 1.89" | 15.748" | M16 X 2P | UM/ER32 | E32 |
| HK0.C50.248z7874.ERL.AD | CAT50 ER 40 200 AD | ER 40 | 0.125”-1.00" | 2.48" | 2.362" | 7.874" | M16 X 2P | UM/ER40 | E40 |
| HK0.C50.248z9843.ERL.AD | CAT50 ER 40 250 AD | ER 40 | 0.125”-1.00" | 2.48" | 2.362" | 9.843" | M16 X 2P | UM/ER40 | E40 |
| HK0.C50.248z11811.ERL.AD | CAT50 ER 40 300 AD | ER 40 | 0.125”-1.00" | 2.48" | 2.362" | 11.811" | M16 X 2P | UM/ER40 | E40 |
| HK0.C50.248z1378.ERL.AD | CAT50 ER 40 350 AD | ER 40 | 0.125”-1.00" | 2.48" | 2.362" | 13.78" | M16 X 2P | UM/ER40 | E40 |
| HK0.C50.248z15748.ERL.AD | CAT50 ER 40 400 AD | ER 40 | 0.125”-1.00" | 2.48" | 2.362" | 15.748" | M16 X 2P | UM/ER40 | E40 |

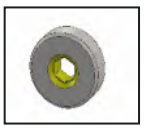
## Accessories:


ER COLLET
(DIN 6499)

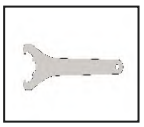

TAP COLLET
ER-G


QC TAP COLLET
QCTC


ER NUT

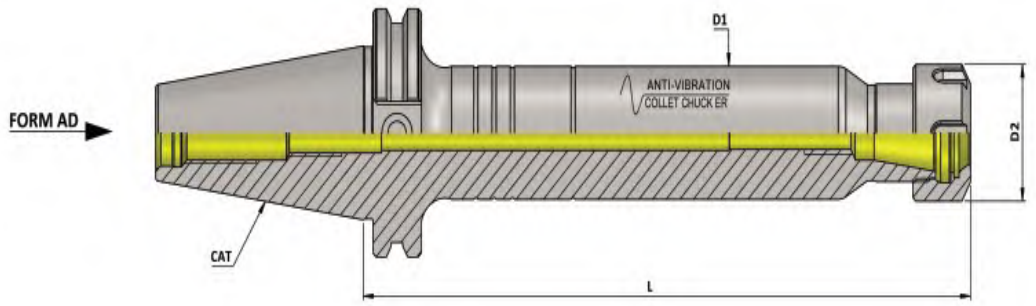

ER STOPPER
SCREW


SEALING DISC


SPANNER E

# CAT 50 (ANSI B 5.50) Collet Chuck ER
# Anti - vibration (ER - AD/AV) (DIN 6499)

Maximum Run out of the Internal Taper with respect to the External Taper 0.010 mm



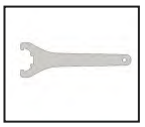

**INCH**

| CAT 50 (ANSI B 5.50) ( ER - AD/AV ) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **PRODUCT CODE** | **ITEM NAME** | **Suitable Collet** | **Collet Capacity** | **D1** | **D2** | **L** | **Suitable Nut** | **Suitable Spanner** |
| HK0.C50.1181z7874.ERV.ADAV | CAT50 ER 16 200 AD/AV | ER 16 | 0.0156"-0.375" | 1.181" | 1.26" | 7.874" | UM/ER16 | E16 |
| HK0.C50.1181z9843.ERV.ADAV | CAT50 ER 16 250 AD/AV | ER 16 | 0.0156"-0.375" | 1.181" | 1.26" | 9.843" | UM/ER16 | E16 |
| HK0.C50.1181z11811.ERV.ADAV | CAT50 ER 16 300 AD/AV | ER 16 | 0.0156"-0.375" | 1.181" | 1.26" | 11.811" | UM/ER16 | E16 |
| HK0.C50.1181z1378.ERV.ADAV | CAT50 ER 16 350 AD/AV | ER 16 | 0.0156"-0.375" | 1.181" | 1.26" | 13.78" | UM/ER16 | E16 |
| HK0.C50.1181z15748.ERV.ADAV | CAT50 ER 16 400 AD/AV | ER 16 | 0.0156"-0.375" | 1.181" | 1.26" | 15.748" | UM/ER16 | E16 |
| HK0.C50.1339z7874.ERV.ADAV | CAT50 ER 20 200 AD/AV | ER 20 | 0.0625"-0.5" | 1.339" | 1.378" | 7.874" | UM/ER20 | E20 |
| HK0.C50.1339z9843.ERV.ADAV | CAT50 ER 20 250 AD/AV | ER 20 | 0.0625"-0.5" | 1.339" | 1.378" | 9.843" | UM/ER20 | E20 |
| HK0.C50.1339z11811.ERV.ADAV | CAT50 ER 20 300 AD/AV | ER 20 | 0.0625"-0.5" | 1.339" | 1.378" | 11.811" | UM/ER20 | E20 |
| HK0.C50.1339z1378.ERV.ADAV | CAT50 ER 20 350 AD/AV | ER 20 | 0.0625"-0.5" | 1.339" | 1.378" | 13.78" | UM/ER20 | E20 |
| HK0.C50.1339z15748.ERV.ADAV | CAT50 ER 20 400 AD/AV | ER 20 | 0.0625"-0.5" | 1.339" | 1.378" | 15.748" | UM/ER20 | E20 |
| HK0.C50.1575z7874.ERV.ADAV | CAT50 ER 25 200 AD/AV | ER 25 | 0.0625"-0.625" | 1.575" | 1.654" | 7.874" | UM/ER25 | E25 |
| HK0.C50.1575z9843.ERV.ADAV | CAT50 ER 25 250 AD/AV | ER 25 | 0.0625"-0.625" | 1.575" | 1.654" | 9.843" | UM/ER25 | E25 |

## Accessories:

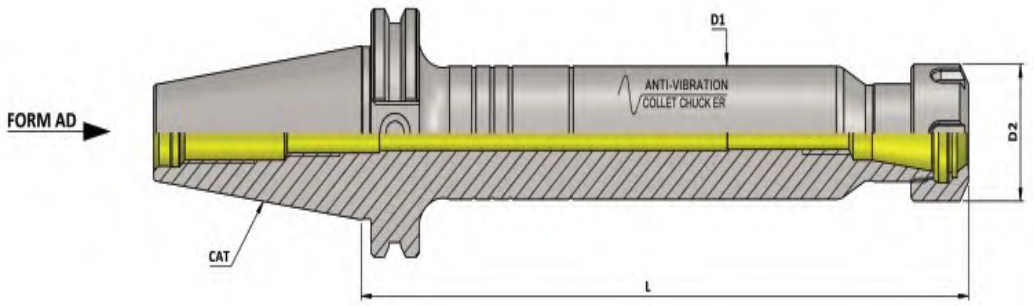

ER COLLET


ER SLOTTED NUT


ER SPANNER

# CAT 50 (ANSI B 5.50) Collet Chuck ER
# Anti - vibration (ER - AD/AV) (DIN 6499)

Maximum Run out of the Internal Taper with respect to the External Taper 0.010 mm




**INCH**

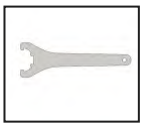
**CAT 50 (ANSI B 5.50) ( ER - AD/AV )**

| PRODUCT CODE | ITEM NAME | Suitable Collet | Collet Capacity | D1 | D2 | L | Suitable Nut | Suitable Spanner |
|---|---|---|---|---|---|---|---|---|
| HK0.C50.1575z11811.ERV.ADAV | CAT50 ER 25 300 AD/AV | ER 25 | 0.0625"-0.625" | 1.575" | 1.654" | 11.811" | UM/ER25 | E25 |
| HK0.C50.1575z1378.ERV.ADAV | CAT50 ER 25 350 AD/AV | ER 25 | 0.0625"-0.625" | 1.575" | 1.654" | 13.78" | UM/ER25 | E25 |
| HK0.C50.1575z15748.ERV.ADAV | CAT50 ER 25 400 AD/AV | ER 25 | 0.0625"-0.625" | 1.575" | 1.654" | 15.748" | UM/ER25 | E25 |
| HK0.C50.189z7874.ERV.ADAV | CAT50 ER 32 200 AD/AV | ER 32 | 0.125"-0.75" | 1.89" | 1.969" | 7.874" | UM/ER32 | E32 |
| HK0.C50.189z9843.ERV.ADAV | CAT50 ER 32 250 AD/AV | ER 32 | 0.125"-0.75" | 1.89" | 1.969" | 9.843" | UM/ER32 | E32 |
| HK0.C50.189z11811.ERV.ADAV | CAT50 ER 32 300 AD/AV | ER 32 | 0.125"-0.75" | 1.89" | 1.969" | 11.811" | UM/ER32 | E32 |
| HK0.C50.189z1378.ERV.ADAV | CAT50 ER 32 350 AD/AV | ER 32 | 0.125"-0.75" | 1.89" | 1.969" | 13.78" | UM/ER32 | E32 |
| HK0.C50.189z15748.ERV.ADAV | CAT50 ER 32 400 AD/AV | ER 32 | 0.125"-0.75" | 1.89" | 1.969" | 15.748" | UM/ER32 | E32 |
| HK0.C50.2362z7874.ERV.ADAV | CAT50 ER 40 200 AD/AV | ER 40 | 0.125"-1.00" | 2.362" | 2.48" | 7.874" | UM/ER40 | E40 |
| HK0.C50.2362z9843.ERV.ADAV | CAT50 ER 40 250 AD/AV | ER 40 | 0.125"-1.00" | 2.362" | 2.48" | 9.843" | UM/ER40 | E40 |
| HK0.C50.2362z11811.ERV.ADAV | CAT50 ER 40 300 AD/AV | ER 40 | 0.125"-1.00" | 2.362" | 2.48" | 11.811" | UM/ER40 | E40 |
| HK0.C50.2362z1378.ERV.ADAV | CAT50 ER 40 350 AD/AV | ER 40 | 0.125"-1.00" | 2.362" | 2.48" | 13.78" | UM/ER40 | E40 |
| HK0.C50.2362z15748.ERV.ADAV | CAT50 ER 40 400 AD/AV | ER 40 | 0.125"-1.00" | 2.362" | 2.48" | 15.748" | UM/ER40 | E40 |

## Accessories:

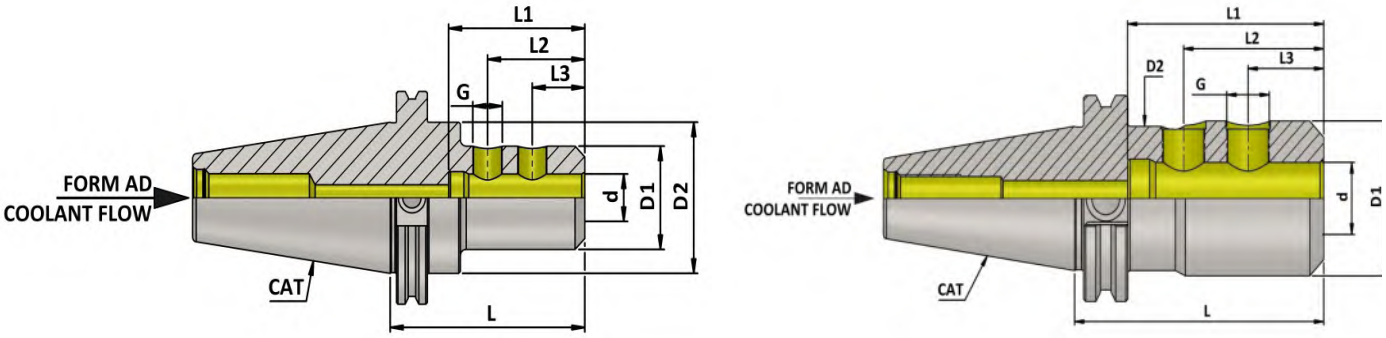

ER COLLET


ER SLOTTED NUT


ER SPANNER

# CAT 50 (ANSI B 5.50)
# Side Lock Adaptor (SLA)

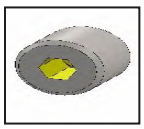
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**INCH**

| CAT 50 (ANSI B 5.50) Side Lock Adaptor (SLA) | | | | | | | | | | (Balanced 6.3 G 15000 RPM) |
|---|---|---|---|---|---|---|---|---|---|---|
| **PRODUCT CODE** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1 (ID)** | **L2(2nd Tap)** | **L3(1st tap)** | **SCREW QTY.** |
| HK0.C50.1/4z25.SLS.AD | CAT50 SLA DIA 1/4'' - 2 1/2'' AD/6.3G 15000 SL | 1/4" | 0.78" | 2.750" | 1/4"-28UNFx1/4" | 2.5" | 35 | - | 0.630" | 1 |
| HK0.C50.5/16z25.SLS.AD | CAT50 SLA DIA 5/16'' - 2 1/2'' AD/6.3G 15000 SL | 5/16" | 0.88" | 2.750" | 5/16"-24UNFx1/4" | 2.5" | 35 | - | 0.630" | 1 |
| HK0.C50.3/8z25.SLS.AD | CAT50 SLA DIA 3/8'' - 2 1/2'' AD/6.3G 15000 SL | 3/8" | 1" | 2.750" | 3/8"-24UNFx5/16" | 2.5" | 39 | - | 0.750" | 1 |
| HK0.C50.7/16z3.SLS.AD | CAT50 SLA DIA 7/16'' - 3.00'' AD/6.3G 15000 SL | 7/16" | 1.25" | 2.750" | 3/8"-24UNFx3/8" | 3" | 51 | - | 0.875" | 1 |
| HK0.C50.1/2z3.SLS.AD | CAT50 SLA DIA 1/2'' - 3.00'' AD/6.3G 15000 SL | 1/2" | 1.25" | 2.750" | 7/16"-20UNFx3/8" | 3" | 51 | - | 0.875" | 1 |
| HK0.C50.5/8z3.SLS.AD | CAT50 SLA DIA 5/8'' - 3.00'' AD/6.3G 15000 SL | 5/8" | 1.50" | 2.750" | 1/2"-20UNFx7/16" | 3" | 57 | - | 0.937" | 1 |
| HK0.C50.3/4z3.SLS.AD | CAT50 SLA DIA 3/4'' - 3.00'' AD/6.3G 15000 SL | 3/4" | 1.75" | 2.750" | 5/8"-18UNFx1/2" | 3" | 59 | - | 1.0" | 1 |
| HK0.C50.7/8z4.SLS.AD | CAT50 SLA DIA 7/8'' - 4.00'' AD/6.3G 15000 SL | 7/8" | 1.88" | 2.750" | 5/8"-18UNFx1/2" | 4" | 70 | 1.938" | 1.063" | 2 |
| HK0.C50.1z4.SLS.AD | CAT50 SLA DIA 1.0'' - 4.00'' AD/6.3G 15000 SL | 1" | 2" | 2.750" | 3/4"-16UNFx1/2" | 4" | 75 | 2.125" | 1.125" | 2 |
| HK0.C50.11/4z4.SLS.AD | CAT50 SLA DIA 1 1/4'' - 4.00'' AD/6.3G 15000 SL | 1 1/4" | 2.5" | 2.750" | 3/4"-16UNFx1/2" | 4" | 75 | 2.125" | 1.125" | 2 |
| HK0.C50.11/2z45.SLS.AD | CAT50 SLA DIA 1 1/2'' -4 1/2'' AD/6.3G 15000 SL | 1 1/2" | 2.5" | 2.750" | 3/4"-16UNFx1/2" | 4.5" | 75 | 2.125" | 1.125" | 2 |

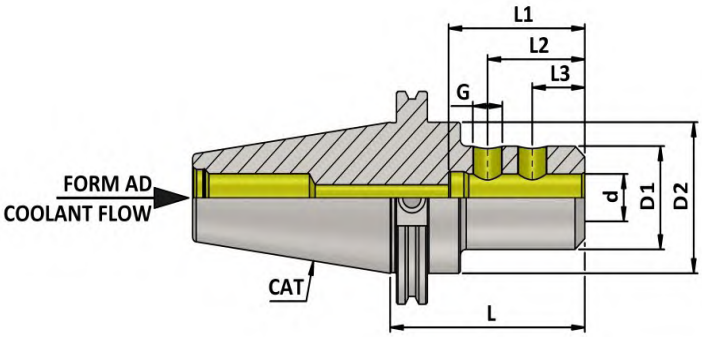
## Accessories:

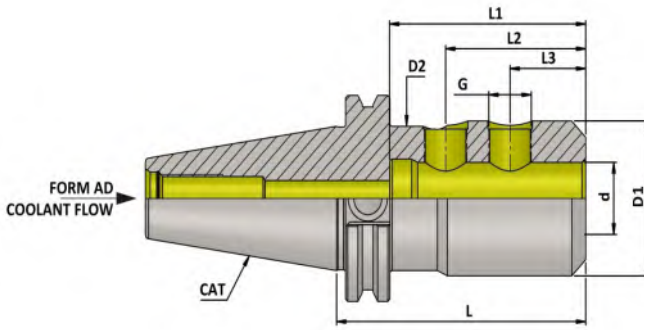


LOCKING
SCREW SLA

# CAT 50 (ANSI B 5.50)
# Side Lock Adaptor (SLA)

Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied

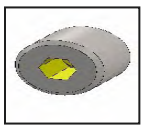



**METRIC**

| CAT 50 (ANSI B 5.50) Side Lock Adaptor (SLA) | | | | | | | | | | (Balanced 6.3 G 15000 RPM) |
|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | L | L1 (ID) | L2(2nd Tap) | L3(1st tap) | SCREW QTY. |
| HK0.C50.6m1016.SLS.AD | CAT50 SLA06 101.6 AD/6.3G 15000 SL | 6 | 25 | 69.85 | M6 | 101.6 | 34 | - | 17.5 | 1 |
| HK0.C50.8m1016.SLS.AD | CAT50 SLA08 101.6 AD/6.3G 15000 SL | 8 | 28 | 69.85 | M8 | 101.6 | 34 | - | 17.5 | 1 |
| HK0.C50.10m1016.SLS.AD | CAT50 SLA10 101.6 AD/6.3G 15000 SL | 10 | 35 | 69.85 | M10 | 101.6 | 40 | - | 19.5 | 1 |
| HK0.C50.12m1016.SLS.AD | CAT50 SLA12 101.6 AD/6.3G 15000 SL | 12 | 42 | 69.85 | M12 | 101.6 | 46 | - | 22 | 1 |
| HK0.C50.16m1016.SLS.AD | CAT50 SLA16 101.6 AD/6.3G 15000 SL | 16 | 48 | 69.85 | M14 | 101.6 | 48 | - | 23.5 | 1 |
| HK0.C50.20m762.SLS.AD | CAT50 SLA20 76.2 AD/6.3G 15000 SL | 20 | 50 | 69.85 | M10 | 76.2 | 70 | 45 | 25 | 1 |
| HK0.C50.25m1016.SLS.AD | CAT50 SLA25 101.6 AD/6.3G 15000 SL | 25 | 50 | 69.85 | M10 | 101.6 | 70 | 45 | 25 | 2 |
| HK0.C50.32m11684.SLS.AD | CAT50 SLA32 116.84 AD/6.3G 15000 SL | 32 | 60 | 69.85 | M10 | 116.84 | 70 | 50 | 30 | 2 |

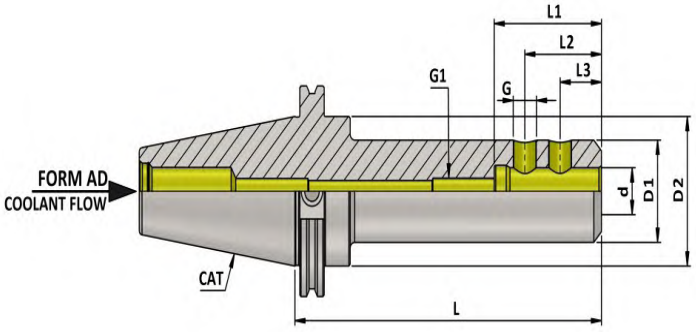
## Accessories:

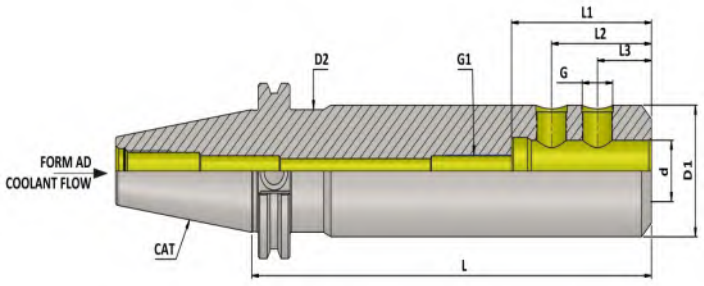


LOCKING
SCREW SLA

# CAT 50 (ANSI B 5.50) Side Lock Adaptor Long Series (SLA) (AD)

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm as supplied

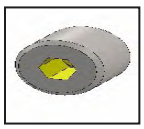



**METRIC**

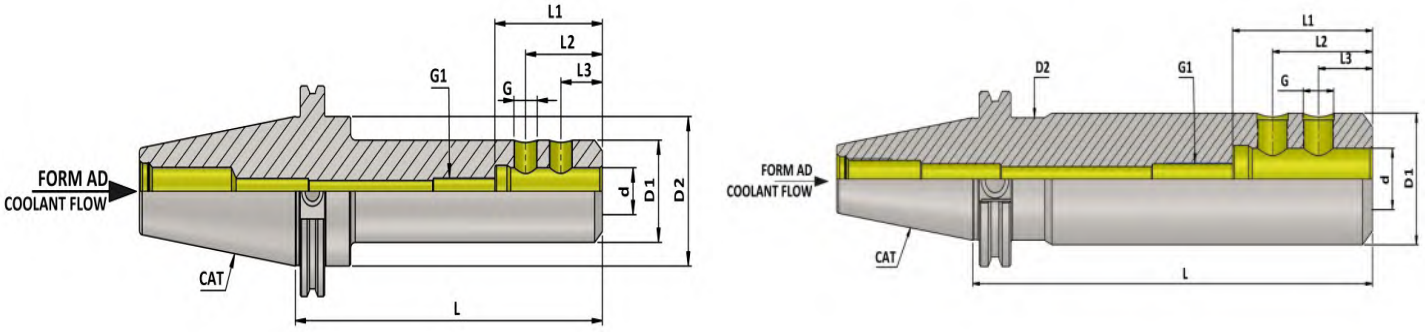
| CAT 50 (ANSI B 5.50)Side Lock Adaptor (SLA) (AD) Long Series | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | G1 | L | L1 (ID) | L2(2nd Tap) | L3(1st tap) | SCREW QTY. |
| HK0.C50.16m200.SLL.AD | CAT50 SLA16 200 AD | 16 | 48 | 69.85 | M14 | M12 | 200 | 57 | – | 23.50 | 1 |
| HK0.C50.16m250.SLL.AD | CAT50 SLA16 250 AD | 16 | 48 | 69.85 | M14 | M12 | 250 | 57 | – | 23.50 | 1 |
| HK0.C50.16m300.SLL.AD | CAT50 SLA16 300 AD | 16 | 48 | 69.85 | M14 | M12 | 300 | 57 | – | 23.50 | 1 |
| HK0.C50.16m350.SLL.AD | CAT50 SLA16 350 AD | 16 | 48 | 69.85 | M14 | M12 | 350 | 57 | – | 23.50 | 1 |
| HK0.C50.16m400.SLL.AD | CAT50 SLA16 400 AD | 16 | 48 | 69.85 | M14 | M12 | 400 | 57 | – | 23.50 | 1 |
| HK0.C50.20m200.SLL.AD | CAT50 SLA20 200 AD | 20 | 50 | 69.85 | M10 | M16 | 200 | 70 | 45 | 25 | 2 |
| HK0.C50.20m250.SLL.AD | CAT50 SLA20 250 AD | 20 | 50 | 69.85 | M10 | M16 | 250 | 70 | 45 | 25 | 2 |
| HK0.C50.20m300.SLL.AD | CAT50 SLA20 300 AD | 20 | 50 | 69.85 | M10 | M16 | 300 | 70 | 45 | 25 | 2 |
| HK0.C50.20m350.SLL.AD | CAT50 SLA20 350 AD | 20 | 50 | 69.85 | M10 | M16 | 350 | 70 | 45 | 25 | 2 |
| HK0.C50.20m400.SLL.AD | CAT50 SLA20 400 AD | 20 | 50 | 69.85 | M10 | M16 | 400 | 70 | 45 | 25 | 2 |
| HK0.C50.25m200.SLL.AD | CAT50 SLA25 200 AD | 25 | 50 | 69.85 | M10 | M16 | 200 | 70 | 45 | 25 | 2 |
| HK0.C50.25m250.SLL.AD | CAT50 SLA25 250 AD | 25 | 50 | 69.85 | M10 | M16 | 250 | 70 | 45 | 25 | 2 |

## Accessories:



LOCKING SCREW SLA

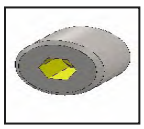
Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm as supplied




**METRIC**

| CAT 50 (ANSI B 5.50)Side Lock Adaptor (SLA) (AD) Long Series | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | G1 | L | L1 (ID) | L2(2nd Tap) | L3(1st tap) | SCREW QTY. |
| HK0.C50.25m300.SLL.AD | CAT50 SLA25 300 AD | 25 | 50 | 69.85 | M10 | M16 | 300 | 70 | 45 | 25 | 2 |
| HK0.C50.25m350.SLL.AD | CAT50 SLA25 350 AD | 25 | 50 | 69.85 | M10 | M16 | 350 | 70 | 45 | 25 | 2 |
| HK0.C50.25m400.SLL.AD | CAT50 SLA25 400 AD | 25 | 50 | 69.85 | M10 | M16 | 400 | 70 | 45 | 25 | 2 |
| HK0.C50.32m200.SLL.AD | CAT50 SLA32 200 AD | 32 | 60 | 69.85 | M10 | M16 | 200 | 70 | 50 | 30 | 2 |
| HK0.C50.32m250.SLL.AD | CAT50 SLA32 250 AD | 32 | 60 | 69.85 | M10 | M16 | 250 | 70 | 50 | 30 | 2 |
| HK0.C50.32m300.SLL.AD | CAT50 SLA32 300 AD | 32 | 60 | 69.85 | M10 | M16 | 300 | 70 | 50 | 30 | 2 |
| HK0.C50.32m350.SLL.AD | CAT50 SLA32 350 AD | 32 | 60 | 69.85 | M10 | M16 | 350 | 70 | 50 | 30 | 2 |
| HK0.C50.32m400.SLL.AD | CAT50 SLA32 400 AD | 32 | 60 | 69.85 | M10 | M16 | 400 | 70 | 50 | 30 | 2 |
| HK0.C50.40m200.SLL.AD | CAT50 SLA40 200 AD | 40 | 60 | 69.85 | M10 | M16 | 200 | 70 | 50 | 30 | 2 |
| HK0.C50.40m250.SLL.AD | CAT50 SLA40 250 AD | 40 | 60 | 69.85 | M10 | M16 | 250 | 70 | 50 | 30 | 2 |
| HK0.C50.40m300.SLL.AD | CAT50 SLA40 300 AD | 40 | 60 | 69.85 | M10 | M16 | 300 | 70 | 50 | 30 | 2 |
| HK0.C50.40m350.SLL.AD | CAT50 SLA40 350 AD | 40 | 60 | 69.85 | M10 | M16 | 350 | 70 | 50 | 30 | 2 |
| HK0.C50.40m400.SLL.AD | CAT50 SLA40 400 AD | 40 | 60 | 69.85 | M10 | M16 | 400 | 70 | 50 | 30 | 2 |

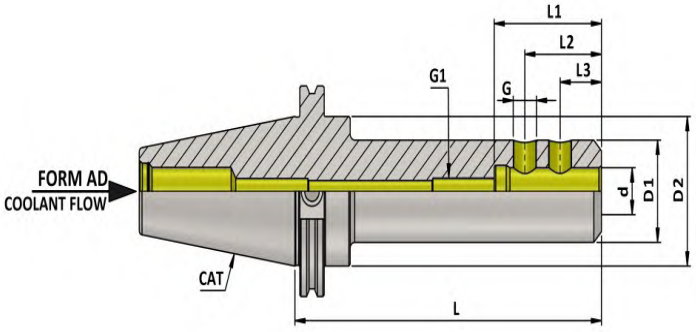
## Accessories:

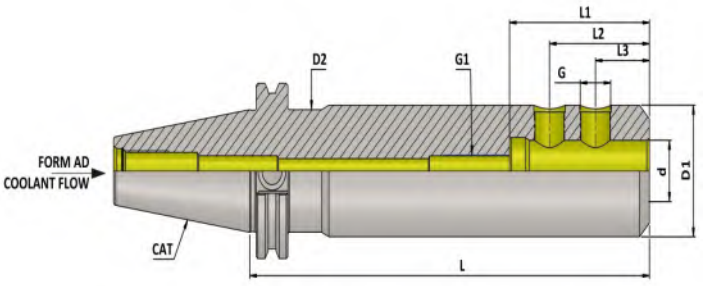


LOCKING
SCREW SLA

# CAT 50 (ANSI B 5.50) Side Lock Adaptor
# Long Series (SLA) (AD)

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm as supplied

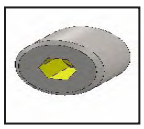



**INCH**

| CAT 50 (ANSI B 5.50)Side Lock Adaptor (SLA) (AD) Long Series | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | G1 | L | L1 (ID) | L2(2nd Tap) | L3(1st tap) | SCREW QTY. |
| HK0.C50.5/8z7874.SLL.AD | CAT50 SLA5/8'' 200 AD | 5/8" | 1.50" | 2.750" | 1/2"20UNFx7/16" | M12 | 7.874" | 57 | – | 0.937" | 1 |
| HK0.C50.5/8z9843.SLL.AD | CAT50 SLA5/8'' 250 AD | 5/8" | 1.50" | 2.750" | 1/2"20UNFx7/16" | M12 | 9.843" | 57 | – | 0.937" | 1 |
| HK0.C50.5/8z11811.SLL.AD | CAT50 SLA5/8'' 300 AD | 5/8" | 1.50" | 2.750" | 1/2"20UNFx7/16" | M12 | 11.811" | 57 | – | 0.937" | 1 |
| HK0.C50.5/8z1378.SLL.AD | CAT50 SLA5/8'' 350 AD | 5/8" | 1.50" | 2.750" | 1/2"20UNFx7/16" | M12 | 13.78" | 57 | – | 0.937" | 1 |
| HK0.C50.5/8z15748.SLL.AD | CAT50 SLA5/8'' 400 AD | 5/8" | 1.50" | 2.750" | 1/2"20UNFx7/16" | M12 | 15.748" | 57 | – | 0.937" | 1 |
| HK0.C50.3/4z7874.SLL.AD | CAT50 SLA3/4'' 200 AD | 3/4" | 1.75" | 2.750" | 5/8"18UNFx1/2" | M16 | 7.874" | 59 | – | 1" | 1 |
| HK0.C50.3/4z9843.SLL.AD | CAT50 SLA3/4'' 250 AD | 3/4" | 1.75" | 2.750" | 5/8"18UNFx1/2" | M16 | 9.843" | 59 | – | 1" | 1 |
| HK0.C50.3/4z11811.SLL.AD | CAT50 SLA3/4'' 300 AD | 3/4" | 1.75" | 2.750" | 5/8"18UNFx1/2" | M16 | 11.811" | 59 | – | 1" | 1 |
| HK0.C50.3/4z1378.SLL.AD | CAT50 SLA3/4'' 350 AD | 3/4" | 1.75" | 2.750" | 5/8"18UNFx1/2" | M16 | 13.78" | 59 | – | 1" | 1 |
| HK0.C50.3/4z15748.SLL.AD | CAT50 SLA3/4'' 400 AD | 3/4" | 1.75" | 2.750" | 5/8"18UNFx1/2" | M16 | 15.748" | 59 | – | 1" | 1 |
| HK0.C50.1z7874.SLL.AD | CAT50 SLA1.0'' 200 AD | 1" | 2" | 2.750" | 3/4"16UNFx1/2" | M16 | 7.874" | 75 | 2.125" | 1.125" | 2 |
| HK0.C50.1z9843.SLL.AD | CAT50 SLA1.0'' 250 AD | 1" | 2" | 2.750" | 3/4"16UNFx1/2" | M16 | 9.843" | 75 | 2.125" | 1.125" | 2 |
| HK0.C50.1z11811.SLL.AD | CAT50 SLA1.0'' 300 AD | 1" | 2" | 2.750" | 3/4"16UNFx1/2" | M16 | 11.811" | 75 | 2.125" | 1.125" | 2 |

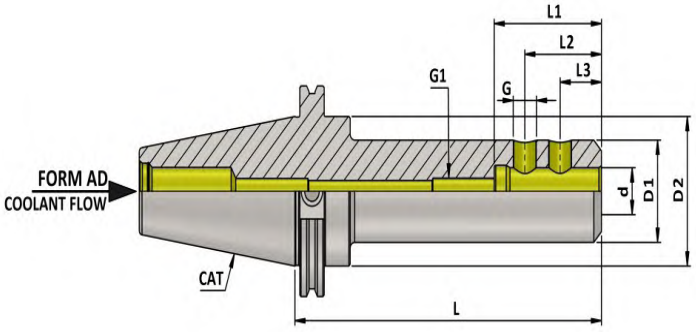
## Accessories:

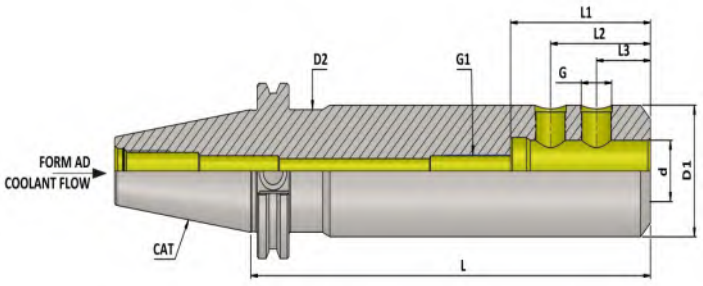


LOCKING
SCREW SLA

# CAT 50 (ANSI B 5.50) Side Lock Adaptor
# Long Series (SLA) (AD)

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm as supplied

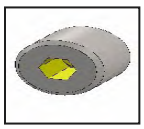



**INCH**

| CAT 50 (ANSI B 5.50)Side Lock Adaptor (SLA) (AD) Long Series | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | G1 | L | L1 (ID) | L2(2nd Tap) | L3(1st tap) | SCREW QTY. |
| HK0.C50.1z1378.SLL.AD | CAT50 SLA1.0'' 350 AD | 1" | 2" | 2.750" | 3/4"16UNFx1/2" | M16 | 13.78" | 75 | 2.125" | 1.125" | 2 |
| HK0.C50.1z15748.SLL.AD | CAT50 SLA1.0'' 400 AD | 1" | 2" | 2.750" | 3/4"16UNFx1/2" | M16 | 15.748" | 75 | 2.125" | 1.125" | 2 |
| HK0.C50.11/4z7874.SLL.AD | CAT50 SLA1 1/4'' 200 AD | 1-1/4" | 2.5" | 2.750" | 3/4"16UNFx1/2" | M16 | 7.874" | 75 | 2.125" | 1.125" | 2 |
| HK0.C50.11/4z9843.SLL.AD | CAT50 SLA1 1/4'' 250 AD | 1-1/4" | 2.5" | 2.750" | 3/4"16UNFx1/2" | M16 | 9.843" | 75 | 2.125" | 1.125" | 2 |
| HK0.C50.11/4z11811.SLL.AD | CAT50 SLA1 1/4'' 300 AD | 1-1/4" | 2.5" | 2.750" | 3/4"16UNFx1/2" | M16 | 11.811" | 75 | 2.125" | 1.125" | 2 |
| HK0.C50.11/4z1378.SLL.AD | CAT50 SLA1 1/4'' 350 AD | 1-1/4" | 2.5" | 2.750" | 3/4"16UNFx1/2" | M16 | 13.78" | 75 | 2.125" | 1.125" | 2 |
| HK0.C50.11/4z15748.SLL.AD | CAT50 SLA1 1/4'' 400 AD | 1-1/4" | 2.5" | 2.750" | 3/4"16UNFx1/2" | M16 | 15.748" | 75 | 2.125" | 1.125" | 2 |
| HK0.C50.11/2z7874.SLL.AD | CAT50 SLA1 1/2'' 200 AD | 1-1/2" | 2.5" | 2.750" | 3/4"16UNFx1/2" | M16 | 7.874" | 75 | 2.125" | 1.125" | 2 |
| HK0.C50.11/2z9843.SLL.AD | CAT50 SLA1 1/2'' 250 AD | 1-1/2" | 2.5" | 2.750" | 3/4"16UNFx1/2" | M16 | 9.843" | 75 | 2.125" | 1.125" | 2 |
| HK0.C50.11/2z11811.SLL.AD | CAT50 SLA1 1/2'' 300 AD | 1-1/2" | 2.5" | 2.750" | 3/4"16UNFx1/2" | M16 | 11.811" | 75 | 2.125" | 1.125" | 2 |
| HK0.C50.11/2z1378.SLL.AD | CAT50 SLA1 1/2'' 350 AD | 1-1/2" | 2.5" | 2.750" | 3/4"16UNFx1/2" | M16 | 13.78" | 75 | 2.125" | 1.125" | 2 |
| HK0.C50.11/2z15748.SLL.AD | CAT50 SLA1 1/2'' 400 AD | 1-1/2" | 2.5" | 2.750" | 3/4"16UNFx1/2" | M16 | 15.748" | 75 | 2.125" | 1.125" | 2 |

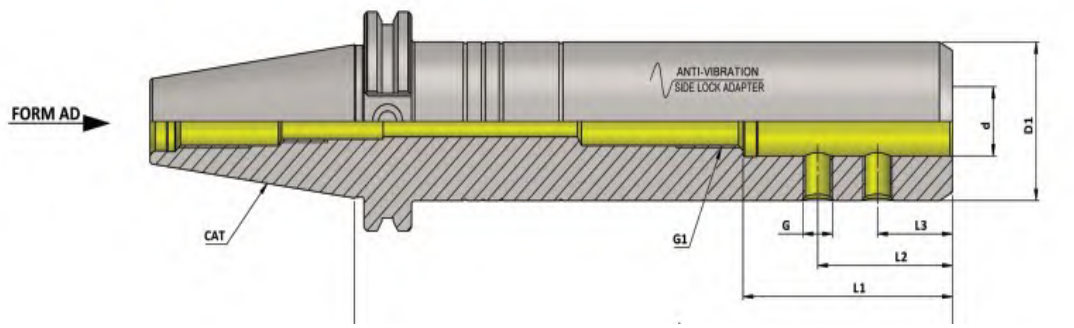
## Accessories:



LOCKING
SCREW SLA

# CAT 50 (ANSI B 5.50)
# Side Lock Adaptor Anti - Vibration ( SLA - AD/AV )

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm



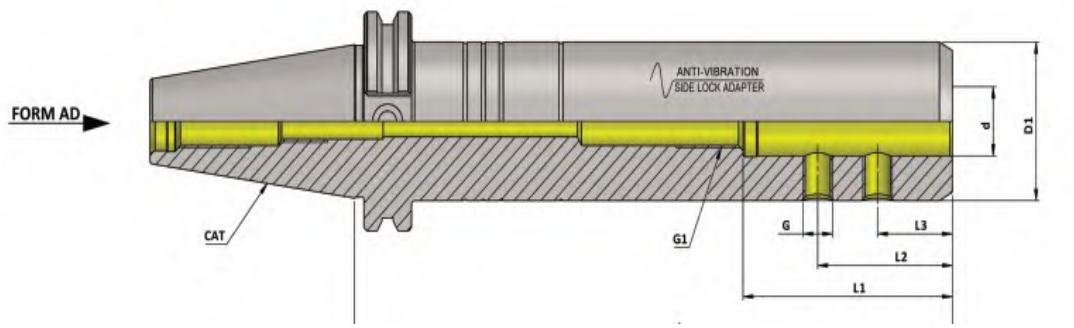

**METRIC**

**CAT 50 (ANSI B 5.50) ( SLA - AD/AV )**

| PRODUCT CODE | ITEM NAME | d | D1 | G | G1 | L | L1 | L2 | L3 | SCREW QTY. |
|---|---|---|---|---|---|---|---|---|---|---|
| HK0.C50.16m200.SLV.ADAV | CAT50 SLA16 200 AD/AV | 16 | 48 | M14 | M12 | 200 | 57 | – | 23.50 | 1 |
| HK0.C50.16m250.SLV.ADAV | CAT50 SLA16 250 AD/AV | 16 | 48 | M14 | M12 | 250 | 57 | – | 23.50 | 1 |
| HK0.C50.16m300.SLV.ADAV | CAT50 SLA16 300 AD/AV | 16 | 48 | M14 | M12 | 300 | 57 | – | 23.50 | 1 |
| HK0.C50.16m350.SLV.ADAV | CAT50 SLA16 350 AD/AV | 16 | 48 | M14 | M12 | 350 | 57 | – | 23.50 | 1 |
| HK0.C50.16m400.SLV.ADAV | CAT50 SLA16 400 AD/AV | 16 | 48 | M14 | M12 | 400 | 57 | – | 23.50 | 1 |
| HK0.C50.20m200.SLV.ADAV | CAT50 SLA20 200 AD/AV | 20 | 50 | M10 | M16 | 200 | 70 | 45 | 25 | 2 |
| HK0.C50.20m250.SLV.ADAV | CAT50 SLA20 250 AD/AV | 20 | 50 | M10 | M16 | 250 | 70 | 45 | 25 | 2 |
| HK0.C50.20m300.SLV.ADAV | CAT50 SLA20 300 AD/AV | 20 | 50 | M10 | M16 | 300 | 70 | 45 | 25 | 2 |
| HK0.C50.20m350.SLV.ADAV | CAT50 SLA20 350 AD/AV | 20 | 50 | M10 | M16 | 350 | 70 | 45 | 25 | 2 |
| HK0.C50.20m400.SLV.ADAV | CAT50 SLA20 400 AD/AV | 20 | 50 | M10 | M16 | 400 | 70 | 45 | 25 | 2 |
| HK0.C50.25m200.SLV.ADAV | CAT50 SLA25 200 AD/AV | 25 | 50 | M10 | M16 | 200 | 70 | 45 | 25 | 2 |
| HK0.C50.25m250.SLV.ADAV | CAT50 SLA25 250 AD/AV | 25 | 50 | M10 | M16 | 250 | 70 | 45 | 25 | 2 |
| HK0.C50.25m300.SLV.ADAV | CAT50 SLA25 300 AD/AV | 25 | 50 | M10 | M16 | 300 | 70 | 45 | 25 | 2 |
| HK0.C50.25m350.SLV.ADAV | CAT50 SLA25 350 AD/AV | 25 | 50 | M10 | M16 | 350 | 70 | 45 | 25 | 2 |
| HK0.C50.25m400.SLV.ADAV | CAT50 SLA25 400 AD/AV | 25 | 50 | M10 | M16 | 400 | 70 | 45 | 25 | 2 |
| HK0.C50.32m200.SLV.ADAV | CAT50 SLA32 200 AD/AV | 32 | 60 | M10 | M16 | 200 | 70 | 50 | 30 | 2 |
| HK0.C50.32m250.SLV.ADAV | CAT50 SLA32 250 AD/AV | 32 | 60 | M10 | M16 | 250 | 70 | 50 | 30 | 2 |
| HK0.C50.32m300.SLV.ADAV | CAT50 SLA32 300 AD/AV | 32 | 60 | M10 | M16 | 300 | 70 | 50 | 30 | 2 |
| HK0.C50.32m350.SLV.ADAV | CAT50 SLA32 350 AD/AV | 32 | 60 | M10 | M16 | 350 | 70 | 50 | 30 | 2 |
| HK0.C50.32m400.SLV.ADAV | CAT50 SLA32 400 AD/AV | 32 | 60 | M10 | M16 | 400 | 70 | 50 | 30 | 2 |
| HK0.C50.40m200.SLV.ADAV | CAT50 SLA40 200 AD/AV | 40 | 60 | M10 | M16 | 200 | 70 | 50 | 30 | 2 |
| HK0.C50.40m250.SLV.ADAV | CAT50 SLA40 250 AD/AV | 40 | 60 | M10 | M16 | 250 | 70 | 50 | 30 | 2 |
| HK0.C50.40m300.SLV.ADAV | CAT50 SLA40 300 AD/AV | 40 | 60 | M10 | M16 | 300 | 70 | 50 | 30 | 2 |
| HK0.C50.40m350.SLV.ADAV | CAT50 SLA40 350 AD/AV | 40 | 60 | M10 | M16 | 350 | 70 | 50 | 30 | 2 |
| HK0.C50.40m400.SLV.ADAV | CAT50 SLA40 400 AD/AV | 40 | 60 | M10 | M16 | 400 | 70 | 50 | 30 | 2 |

# CAT 50 (ANSI B 5.50)
# Side Lock Adaptor Anti - Vibration ( SLA - AD/AV )

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm

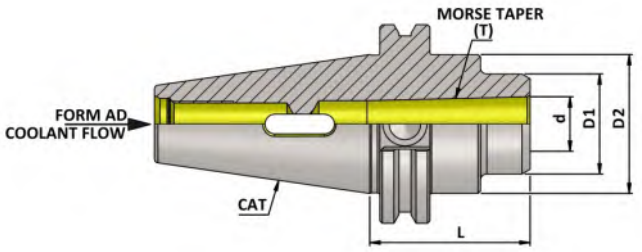


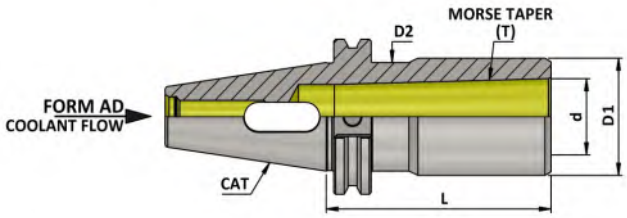

**INCH**

**CAT 50 (ANSI B 5.50) ( SLA - AD/AV )**

| PRODUCT CODE | ITEM NAME | d | D1 | G | G1 | L | L1 | L2 | L3 | SCREW QTY. |
|---|---|---|---|---|---|---|---|---|---|---|
| HK0.C50.5/8z7874.SLV.ADAV | CAT50 SLA5/8'' 200 AD/AV | 5/8" | 1.50" | 1/2"20UNFx7/16" | M12 | 7.874" | 2.244" | – | 0.937" | 1 |
| HK0.C50.5/8z9843.SLV.ADAV | CAT50 SLA5/8'' 250 AD/AV | 5/8" | 1.50" | 1/2"20UNFx7/16" | M12 | 9.843" | 2.244" | – | 0.937" | 1 |
| HK0.C50.5/8z11811.SLV.ADAV | CAT50 SLA5/8'' 300 AD/AV | 5/8" | 1.50" | 1/2"20UNFx7/16" | M12 | 11.811" | 2.244" | – | 0.937" | 1 |
| HK0.C50.5/8z1378.SLV.ADAV | CAT50 SLA5/8'' 350 AD/AV | 5/8" | 1.50" | 1/2"20UNFx7/16" | M12 | 13.78" | 2.244" | – | 0.937" | 1 |
| HK0.C50.5/8z15748.SLV.ADAV | CAT50 SLA5/8'' 400 AD/AV | 5/8" | 1.50" | 1/2"20UNFx7/16" | M12 | 15.748" | 2.244" | – | 0.937" | 1 |
| HK0.C50.3/4z7874.SLV.ADAV | CAT50 SLA3/4'' 200 AD/AV | 3/4" | 1.75" | 5/8"18UNFx1/2" | M16 | 7.874" | 2.323" | – | 1.00" | 1 |
| HK0.C50.3/4z9843.SLV.ADAV | CAT50 SLA3/4'' 250 AD/AV | 3/4" | 1.75" | 5/8"18UNFx1/2" | M16 | 9.843" | 2.323" | – | 1.00" | 1 |
| HK0.C50.3/4z11811.SLV.ADAV | CAT50 SLA3/4'' 300 AD/AV | 3/4" | 1.75" | 5/8"18UNFx1/2" | M16 | 11.811" | 2.323" | – | 1.00" | 1 |
| HK0.C50.3/4z1378.SLV.ADAV | CAT50 SLA3/4'' 350 AD/AV | 3/4" | 1.75" | 5/8"18UNFx1/2" | M16 | 13.78" | 2.323" | – | 1.00" | 1 |
| HK0.C50.3/4z15748.SLV.ADAV | CAT50 SLA3/4'' 400 AD/AV | 3/4" | 1.75" | 5/8"18UNFx1/2" | M16 | 15.748" | 2.323" | – | 1.00" | 1 |
| HK0.C50.1z7874.SLV.ADAV | CAT50 SLA1.0'' 200 AD/AV | 1" | 2" | 3/4"16UNFx1/2" | M16 | 7.874" | 2.953" | 2.125" | 1.125" | 2 |
| HK0.C50.1z9843.SLV.ADAV | CAT50 SLA1.0'' 250 AD/AV | 1" | 2" | 3/4"16UNFx1/2" | M16 | 9.843" | 2.953" | 2.125" | 1.125" | 2 |
| HK0.C50.1z11811.SLV.ADAV | CAT50 SLA1.0'' 300 AD/AV | 1" | 2" | 3/4"16UNFx1/2" | M16 | 11.811" | 2.953" | 2.125" | 1.125" | 2 |
| HK0.C50.1z1378.SLV.ADAV | CAT50 SLA1.0'' 350 AD/AV | 1" | 2" | 3/4"16UNFx1/2" | M16 | 13.78" | 2.953" | 2.125" | 1.125" | 2 |
| HK0.C50.1z15748.SLV.ADAV | CAT50 SLA1.0'' 400 AD/AV | 1" | 2" | 3/4"16UNFx1/2" | M16 | 15.748" | 2.953" | 2.125" | 1.125" | 2 |
| HK0.C50.11/4z7874.SLV.ADAV | CAT50 SLA1 1/4'' 200 AD/AV | 1-1/4" | 2.5" | 3/4"16UNFx1/2" | M16 | 7.874" | 2.953" | 2.125" | 1.125" | 2 |
| HK0.C50.11/4z9843.SLV.ADAV | CAT50 SLA1 1/4'' 250 AD/AV | 1-1/4" | 2.5" | 3/4"16UNFx1/2" | M16 | 9.843" | 2.953" | 2.125" | 1.125" | 2 |
| HK0.C50.11/4z11811.SLV.ADAV | CAT50 SLA1 1/4'' 300 AD/AV | 1-1/4" | 2.5" | 3/4"16UNFx1/2" | M16 | 11.811" | 2.953" | 2.125" | 1.125" | 2 |
| HK0.C50.11/4z1378.SLV.ADAV | CAT50 SLA1 1/4'' 350 AD/AV | 1-1/4" | 2.5" | 3/4"16UNFx1/2" | M16 | 13.78" | 2.953" | 2.125" | 1.125" | 2 |
| HK0.C50.11/4z15748.SLV.ADAV | CAT50 SLA1 1/4'' 400 AD/AV | 1-1/4" | 2.5" | 3/4"16UNFx1/2" | M16 | 15.748" | 2.953" | 2.125" | 1.125" | 2 |
| HK0.C50.11/2z7874.SLV.ADAV | CAT50 SLA1 1/2'' 200 AD/AV | 1-1/2" | 2.5" | 3/4"16UNFx1/2" | M16 | 7.874" | 2.953" | 2.125" | 1.125" | 2 |
| HK0.C50.11/2z9843.SLV.ADAV | CAT50 SLA1 1/2'' 250 AD/AV | 1-1/2" | 2.5" | 3/4"16UNFx1/2" | M16 | 9.843" | 2.953" | 2.125" | 1.125" | 2 |
| HK0.C50.11/2z11811.SLV.ADAV | CAT50 SLA1 1/2'' 300 AD/AV | 1-1/2" | 2.5" | 3/4"16UNFx1/2" | M16 | 11.811" | 2.953" | 2.125" | 1.125" | 2 |
| HK0.C50.11/2z1378.SLV.ADAV | CAT50 SLA1 1/2'' 350 AD/AV | 1-1/2" | 2.5" | 3/4"16UNFx1/2" | M16 | 13.78" | 2.953" | 2.125" | 1.125" | 2 |
| HK0.C50.11/2z15748.SLV.ADAV | CAT50 SLA1 1/2'' 400 AD/AV | 1-1/2" | 2.5" | 3/4"16UNFx1/2" | M16 | 15.748" | 2.953" | 2.125" | 1.125" | 2 |

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied

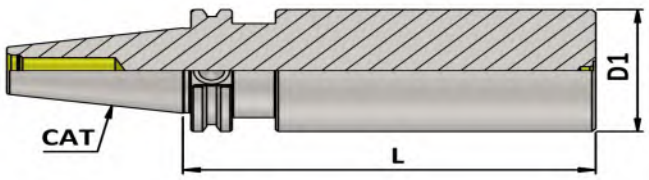



**INCH**

| CAT 50 (ANSI B 5.50) Morse Taper Adaptor (MTA) | | | | | | (Balanced to 6.3 G 15000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Morse Taper(T) | d (GP) | D1 | D2 | L |
| HK0.C50.12065z2.MTA | CAT50 MT01 - 2.00'' 6.3G 15000 SL | 1 | 12.065 | 1" | 2.750" | 2” |
| HK0.C50.17780z2375.MTA | CAT50 MT02 - 2 3/8'' 6.3G 15000 SL | 2 | 17.780 | 1.25” | 2.750" | 2.375” |
| HK0.C50.23825z25.MTA | CAT50 MT03 - 2 1/2'' 6.3G 15000 SL | 3 | 23.825 | 1.574” | 2.750" | 2.5” |
| HK0.C50.31267z375.MTA | CAT50 MT04 - 3 3/4'' 6.3G 15000 SL | 4 | 31.267 | 1.889" | 2.750" | 3.75" |
| HK0.C50.44399z475.MTA | CAT50 MT05 - 4 3/4'' 6.3G 15000 SL | 5 | 44.399 | 2.48" | 2.750" | 4.75" |

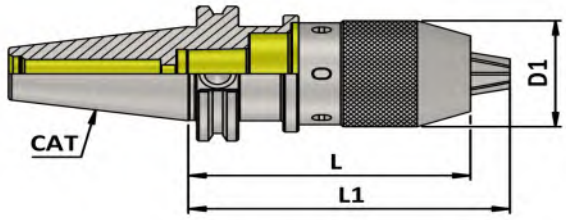
# CAT 50 (ANSI B 5.50)
# Boring Bar Blank




**INCH**

| CAT 50 (ANSI B 5.50) Boring Bar Blank | | | |
|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D1** | **L** |
| HK0.C50.3z8.BBB | CAT50 BORING BAR BLANK DIA 3.0'' L 8.0'' | 3" | 8" |
| HK0.C50.35z11.BBB | CAT50 BORING BAR BLANK DIA 3.5'' L 11.0'' | 3.5" | 11" |

Maximum Run out on the Mandrell with respect to the External Taper 0.050 mm as supplied




**INCH**

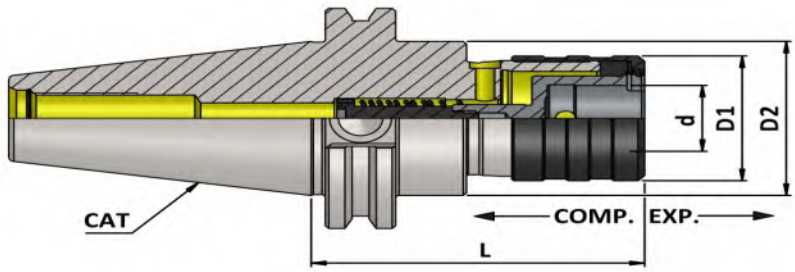
| CAT 50 (ANSI B 5.50) NC DRILL CHUCK (NCDC) | | | | |
|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D1** | **L** | **L1** |
| HK0.C50.1969z4.NDC | CAT50 NCDC 113 - 4.0'' | 1.969” | 4" | 4.5" |

## Accessories:



SPANNER
NCDC

# CAT 50 (ANSI B 5.50)
# Quick Change Tapping Chuck (KWFLK)




**METRIC**

| CAT 50 (ANSI B 5.50) Quick Change Tapping Chuck (KWFLK) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **Capacity** | **Suitable Adaptor** | **Compr.** | **Expan.** | **d** | **D1** | **L** |
| HK0.C50.19m76.QCC | CAT50 KWFLK1 076 | M3-M12 | KWES1B | 7.5 | 7.5 | 19 | 36 | 76 |
| HK0.C50.31m100.QCC | CAT50 KWFLK2 100 | M6- M20 | KWES2B | 12.5 | 12.5 | 31 | 53 | 100 |
| HK0.C50.48m140.QCC | CAT50 KWFLK3 140 | M14-M33 | KWES3B | 20 | 20 | 48 | 78 | 140 |
| HK0.C50.60m152.QCC | CAT50 KWFLK4 152 | M22- M48 | KWES4B | 22.5 | 22.5 | 60 | 96 | 152 |

## Accessories:

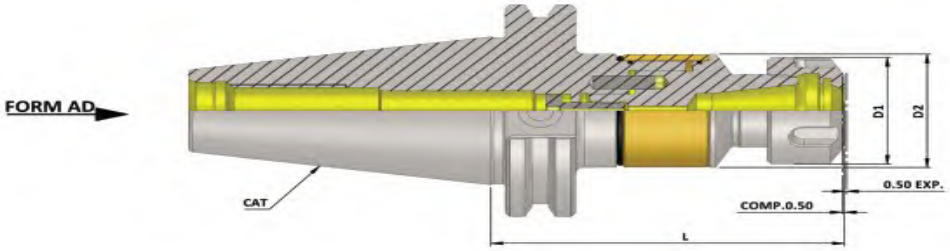

TAP ADAPTOR KWES


TAP ADAPTOR KWESK B


TAP ADAPTOR REDUCTION SOCKET(KWRE)

# CAT 50 (ANSI B 5.50) Minimum Length Compensation Tapping Chuck (MLC)

Maximum Run out of the Internal Taper with respect to the External Taper 0.020 mm



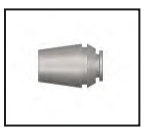

**METRIC**

| CAT 50 (ANSI B 5.50) (MLC) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | TAPPING RANGE | CLAMPING RANGE | NUT SIZE | D1 | D2 | L | COMP. | EXP. |
| HK0.C50.22m95.MLC.AD | CAT50ER16M095ADMLC | M3-M12 | 3.5-10 | ER 16M | 22 | 34 | 95 | 0.5 | 0.5 |
| HK0.C50.32m95.MLC.AD | CAT50 ER 16 095 AD MLC | M3-M12 | 3.5-10 | ER 16 | 32 | 34 | 95 | 0.5 | 0.5 |
| HK0.C50.35m96.MLC.AD | CAT50 ER 20 096 AD MLC | M3-M16 | 3.5-12 | ER 20 | 35 | 34 | 96 | 0.5 | 0.5 |
| HK0.C50.42m100.MLC.AD | CAT50 ER 25 100 AD MLC | M3-M20 | 3.5-16 | ER 25 | 42 | 34 | 100 | 0.5 | 0.5 |
| HK0.C50.50m111.MLC.AD | CAT50 ER 32 111 AD MLC | M4-M27 | 3.5-20 | ER 32 | 50 | 45 | 111 | 0.5 | 0.5 |
| HK0.C50.63m121.MLC.AD | CAT50 ER 40 121 AD MLC | M6-M33 | 6-25 | ER 40 | 63 | 62 | 121 | 0.5 | 0.5 |

**INCH**

| CAT 50 (ANSI B 5.50) (MLC) | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | TAPPING RANGE | CLAMPING RANGE | NUT SIZE | D1 | D2 | L | COMP. | EXP. |
| HK0.C50.0866z374.MLC.AD | CAT50ER16M095ADMLC | 1/8"No 06 - 1/2" | 0.141"-0.381" | ER 16M | 0.866" | 1.339" | 3.74" | 0.5 | 0.5 |
| HK0.C50.126z374.MLC.AD | CAT50 ER 16 095 AD MLC | 1/8"No 06 - 1/2" | 0.141"-0.381" | ER 16 | 1.26" | 1.339" | 3.74" | 0.5 | 0.5 |
| HK0.C50.1378z378.MLC.AD | CAT50 ER 20 096 AD MLC | 1/8"No 06 - 1/2" | 0.141"-0.381" | ER 20 | 1.378" | 1.339" | 3.78" | 0.5 | 0.5 |
| HK0.C50.1654z3937.MLC.AD | CAT50 ER 25 100 AD MLC | 1/8"No 06 - 11/16" | 0.141"-0.542" | ER 25 | 1.654" | 1.339" | 3.937" | 0.5 | 0.5 |
| HK0.C50.1969z437.MLC.AD | CAT50 ER 32 111 AD MLC | 3/16"No 10 - 13/16" | 0.194"-0.652" | ER 32 | 1.969" | 1.772" | 4.37" | 0.5 | 0.5 |
| HK0.C50.248z4764.MLC.AD | CAT50 ER 40 121 AD MLC | 1/4" - 1" | 0.255"-0.800" | ER 40 | 2.48" | 2.441" | 4.764" | 0.5 | 0.5 |

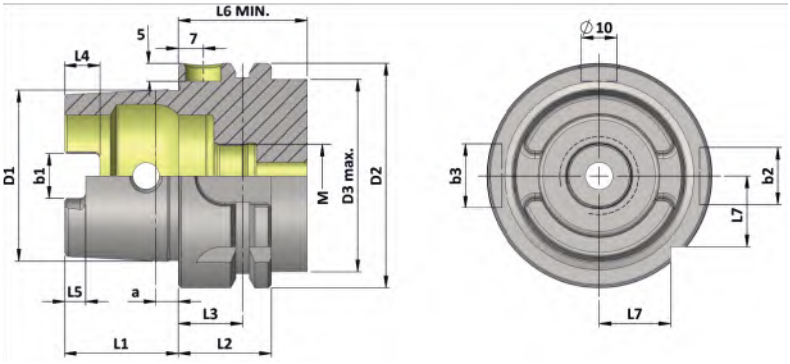
## Accessories:


QC TAP COLLET QCTC


ER TAP COLLET


ER SLOTTED NUT


ER SPANNER




**All values are in mm**

| HSK - A | D1 | D2 | D3 | a | b1 | b2 | b3 | M | L1 | L2 | L3 | L4 | L5 | L6 | L7 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32 | 24 | 32 | 26 | 3.20 | 7.05 | 7 | 9 | M10x1 | 16 | 20 | 16 | 5 | 3 | 35 | 9.50 |
| 40 | 30 | 40 | 34 | 4 | 8.05 | 9 | 11 | M12x1 | 20 | 20 | 16 | 6 | 3.50 | 35 | 12 |
| 50 | 38 | 50 | 42 | 5 | 10.54 | 12 | 14 | M16x1 | 25 | 26 | 18 | 7.50 | 4.50 | 42 | 15.50 |
| 63 | 48 | 63 | 53 | 6.30 | 12.54 | 16 | 18 | M18x1 | 32 | 26 | 18 | 10 | 6 | 42 | 20 |
| 80 | 60 | 80 | 68 | 8 | 16.04 | 18 | 20 | M20x1.5 | 40 | 26 | 18 | 12 | 8 | 42 | 25 |
| 100 | 75 | 100 | 88 | 10 | 20.02 | 20 | 22 | M24x1.5 | 50 | 29 | 20 | 15 | 10 | 45 | 31.50 |
| 125 | 95 | 125 | 111 | 12.50 | 25.02 | 25 | 28 | M30x1.5 | 63 | 29 | 20 | 19 | 12 | 45 | 39.50 |

Material :- Case hardened steel, tensile strength in the core min. 950 N/mm2

Execution :- Case hardened to HRC 58 ± 2, Case Depth 0.8 mm., Silver finish.

Accuracy :- 7:24 Taper Angle Class AT 3




## HSK A32 . DIN 69893

**115 Shrink Fit Holders**

115 4.5 °

116 4.5 ° Face Coolant Channel

**117 Hydraulic Chucks**

117 Standard

**118 ER Collect Chuck**

118 Standard

**119 Weldon Type End Mill Holders**

119 Standard

120 Face Coolant Channel

**121 Combi Shell Mill Adaptors**

121 Combi Shell Mill Adaptors

**122 Boring Bar Blanks**

122 Boring Bar Blanks

**123 Master Mandrell**

123 Master Mandrell

**131 ER Collect Chuck**

131 Standard

**132 Weldon Type End Mill Holders**

132 Standard

133 Face Coolant Channel

**134 Combi Shell Mill Adaptors**

134 Combi Shell Mill Adaptors

**135 Boring Bar Blanks**

135 Boring Bar Blanks

**136 Master Mandrell**

136 Master Mandrell

## HSK A40 . DIN 69893

**124 Shrink Fit Holders**

124 4.5 °

126 4.5 ° Face Coolant Channel

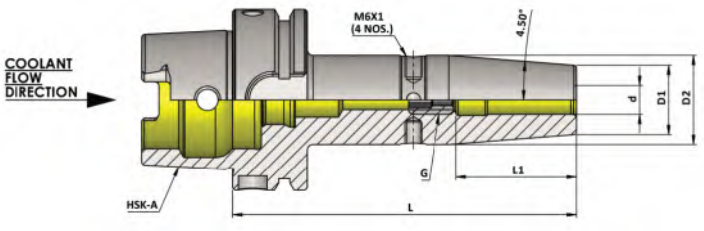
**128 Hydraulic Chucks**

128 Standard

129 Slim 3 °

# HSK-A32 (DIN 69893 - 1)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

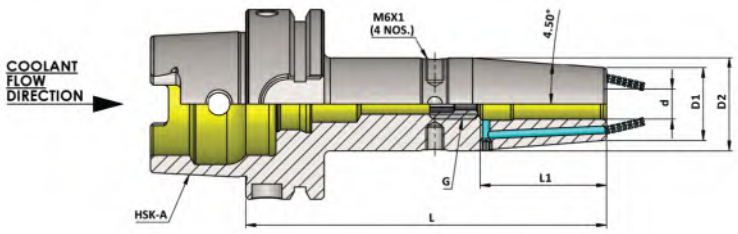
| HSK-A32 (DIN 69893-1) (SFH 4.5$^0$ ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.A32.3m60.SFS | HSK-A 32 SFH03 060 2.5G 25000 SL | 3 | 10 | 16 | — | 60 | 12 |
| HK0.A32.4m60.SFS | HSK-A 32 SFH04 060 2.5G 25000 SL | 4 | 12 | 18 | — | 60 | 14 |
| HK0.A32.5m60.SFS | HSK-A 32 SFH05 060 2.5G 25000 SL | 5 | 12 | 18 | — | 60 | 15 |
| HK0.A32.6m70.SFS | HSK-A 32 SFH06 070 2.5G 25000 SL | 6 | 21 | 25 | M5 | 70 | 36 |
| HK0.A32.8m70.SFS | HSK-A 32 SFH08 070 2.5G 25000 SL | 8 | 21 | 25 | M6 | 70 | 36 |
| HK0.A32.10m70.SFS | HSK-A 32 SFH10 070 2.5G 25000 SL | 10 | 24 | 29 | M8 | 70 | 41 |
| HK0.A32.12m80.SFS | HSK-A 32 SFH12 080 2.5G 25000 SL | 12 | 24 | 29 | M10 | 80 | 46 |

**INCH**

| HSK-A32 (DIN 69893-1) (SFH 4.5$^0$ ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.A32.1/8z2362.SFS | HSK-A 32 SFH1/8'' 60 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | — | 2.362" | 0.472" |
| HK0.A32.3/16z2362.SFS | HSK-A 32 SFH3/16'' 60 2.5G 25000 SL | 3/16" | 0.472" | 0.709" | — | 2.362" | 0.551" |
| HK0.A32.1/4z2756.SFS | HSK-A 32 SFH1/4'' 70 2.5G 25000 SL | 1/4" | 0.827" | 0.984" | M5 | 2.756" | 1.417" |
| HK0.A32.5/16z2756.SFS | HSK-A 32 SFH5/16'' 70 2.5G 25000 SL | 5/16" | 0.827" | 0.984" | M6 | 2.756" | 1.417" |
| HK0.A32.3/8z2756.SFS | HSK-A 32 SFH3/8'' 70 2.5G 25000 SL | 3/8" | 0.945" | 1.142" | M8 | 2.756" | 1.614" |
| HK0.A32.1/2z315.SFS | HSK-A 32 SFH1/2'' 80 2.5G 25000 SL | 1/2" | 0.945" | 1.142" | M10 | 3.15" | 1.811" |

# HSK-A32 (DIN 69893 - 1) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

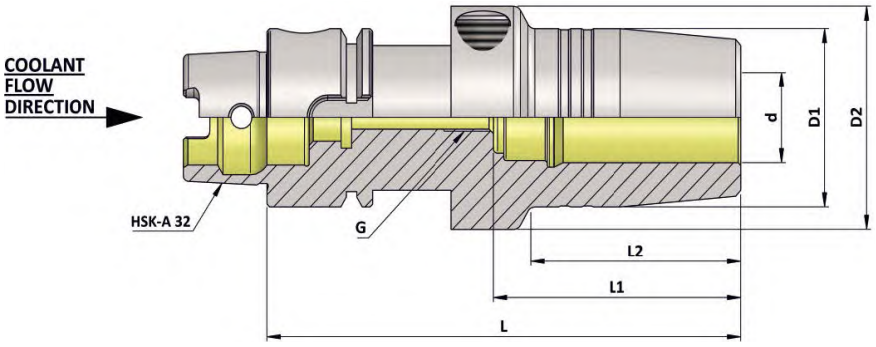
| HSK-A32 (DIN 69893-1) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.A32.3m60.SFF | HSK-A32SFH03060FCC2.5G25000SL | 3 | 10 | 16 | — | 60 | 12 |
| HK0.A32.4m60.SFF | HSK-A32SFH04060FCC2.5G25000SL | 4 | 12 | 18 | — | 60 | 14 |
| HK0.A32.5m60.SFF | HSK-A32SFH05060FCC2.5G25000SL | 5 | 12 | 18 | — | 60 | 15 |
| HK0.A32.6m70.SFF | HSK-A32SFH06070FCC2.5G25000SL | 6 | 21 | 25 | M5 | 70 | 36 |
| HK0.A32.8m70.SFF | HSK-A32SFH08070FCC2.5G25000SL | 8 | 21 | 25 | M6 | 70 | 36 |
| HK0.A32.10m70.SFF | HSK-A32SFH10070FCC2.5G25000SL | 10 | 24 | 29 | M8 | 70 | 41 |
| HK0.A32.12m80.SFF | HSK-A32SFH12080FCC2.5G25000SL | 12 | 24 | 29 | M10 | 80 | 46 |

**INCH**

| HSK-A32 (DIN 69893-1) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.A32.1/8z2362.SFF | HSK-A32SFH1/8''60FCC/2.5G25000SL | 1/8" | 0.394" | 0.63" | — | 2.362" | 0.472" |
| HK0.A32.3/16z2362.SFF | HSK-A32SFH3/16''60FCC/2.5G25000SL | 3/16" | 0.472" | 0.709" | — | 2.362" | 0.551" |
| HK0.A32.1/4z2756.SFF | HSK-A32SFH1/4''070FCC/2.5G25000SL | 1/4" | 0.827" | 0.984" | M5 | 2.756" | 1.417" |
| HK0.A32.5/16z2756.SFF | HSK-A32SFH5/16''070FCC/2.5G25000SL | 5/16" | 0.827" | 0.984" | M6 | 2.756" | 1.417" |
| HK0.A32.3/8z2756.SFF | HSK-A32SFH3/8''070FCC/2.5G25000SL | 3/8" | 0.945" | 1.142" | M8 | 2.756" | 1.614" |
| HK0.A32.1/2z315.SFF | HSK-A32SFH1/2''080FCC/2.5G25000SL | 1/2" | 0.945" | 1.142" | M10 | 3.15" | 1.811" |

# HSK-A32 (DIN 69893-1)
# Form A Hydraulic Expansion Chuck

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

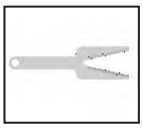
| HSK-A32 (DIN 69893-1) Hydraulic Expansion Chuck | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
| H K 0 . A 3 2 . 6 m 8 0 . H C S | HSK-A32HC060802.5G25000SL | 6 | 26 | 40 | M5 | 80 | 37 | 29 |
| H K 0 . A 3 2 . 8 m 8 0 . H C S | HSK-A32HC080802.5G25000SL | 8 | 28 | 40 | M6 | 80 | 37 | 29 |
| H K 0 . A 3 2 . 1 0 m 8 5 . H C S | HSK-A32HC100852.5G25000SL | 10 | 30 | 40 | M6 | 85 | 41 | 35 |
| H K 0 . A 3 2 . 1 2 m 9 0 . H C S | HSK-A32HC120902.5G25000SL | 12 | 32 | 40 | M6 | 90 | 46 | 40 |

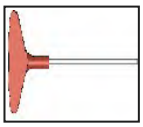
**INCH**

| HSK-A32 (DIN 69893-1) Hydraulic Expansion Chuck | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
| H K 0 . A 3 2 . 1 / 4 z 3 1 5 . H C S | HSK-A32HC1/4''0802.5G25000SL | 1/4" | 1.024" | 1.575" | M5 | 3.15" | 1.457" | 1.142" |
| H K 0 . A 3 2 . 5 / 1 6 z 3 1 5 . H C S | HSK-A32HC5/16''0802.5G25000SL | 5/16" | 1.102" | 1.575" | M6 | 3.15" | 1.457" | 1.142" |
| H K 0 . A 3 2 . 3 / 8 z 3 3 4 6 . H C S | HSK-A32HC3/8''0852.5G25000SL | 3/8" | 1.181" | 1.575" | M6 | 3.346" | 1.614" | 1.378" |
| H K 0 . A 3 2 . 1 / 2 z 3 5 4 3 . H C S | HSK-A32HC1/2''0902.5G25000SL | 1/2" | 1.26" | 1.575" | M6 | 3.543" | 1.811" | 1.575" |

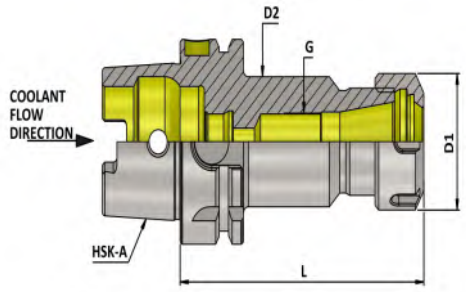
## Accessories:


REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-A32 (DIN 69893 - 1) Collet Chuck ER | | | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Suitable Collet | Collet Capacity | D1 | D2 | G | L | Nut | Spanner |
| HK0.A32.32m80.ERS | HSK-A 32 ER 16 080 2.5G 25000 SL | ER 16 | 0.5-10 | 32 | - | M10x1 | 80 | UM/ER 16 | E16 |
| HK0.A32.42m80.ERS | HSK-A 32 ER 25 080 2.5G 25000 SL | ER 25 | 1.0-16 | 42 | - | M18x1 | 80 | UM/ER 25 | E25 |

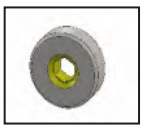
## Accessories:


ER COLLET (DIN 6499)

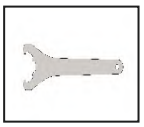

TAP COLLET ER-G


QC TAP COLLET QCTC


ER NUT

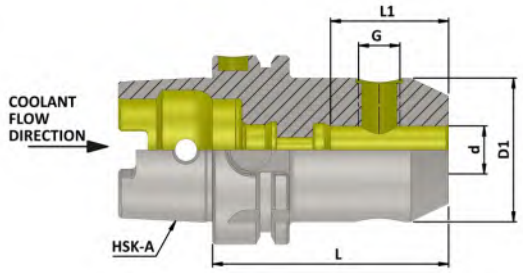

ER STOPPER SCREW


SEALING DISC


SPANNER E

# HSK-A32 (DIN 69893 -1) Weldon Type
# End Mill Holder (DIN 1835 B) (WE) (DIN 6359)

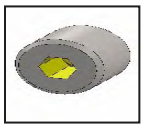
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-A32 50 (DIN 69893 - 1) (WE) | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.A32.6m60.WHS | HSK-A 32 WE06 060 2.5G 25000 SL | 6 | 25 | M6 | 60 | 34 | 1 |
| HK0.A32.8m60.WHS | HSK-A 32 WE08 060 2.5G 25000 SL | 8 | 28 | M8 | 60 | 34 | 1 |
| HK0.A32.10m65.WHS | HSK-A 32 WE10 065 2.5G 25000 SL | 10 | 35 | M10 | 65 | 40 | 1 |
| HK0.A32.12m65.WHS | HSK-A 32 WE12 065 2.5G 25000 SL | 12 | 42 | M12 | 65 | 46 | 1 |

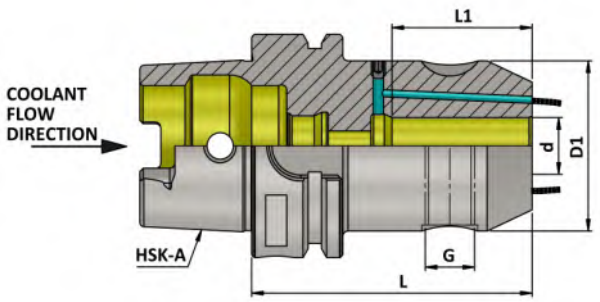
## Accessories:



LOCKING
SCREW SLA

# HSK A32 (DIN 69893-1) Weldon Type End Mill Holder (DIN 1835 B) (Face Coolant Channel) (WE : FCC) (DIN 6359)

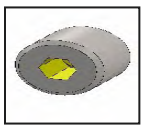
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

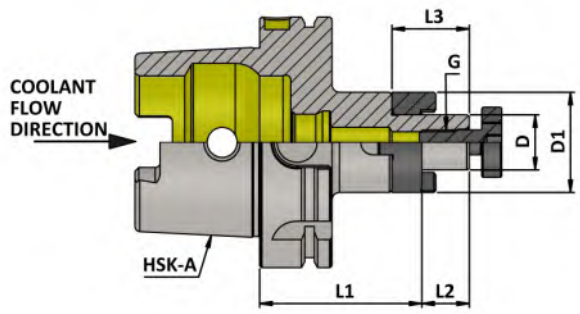
| HSK A32 (DIN 69893 - 1) (WE : FCC) | | | | | | | (Balanced 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.A32.6m60.WHF | HSK-A32WE06060FCC2.5G25000SL | 6 | 25 | M6 | 60 | 34 | 1 |
| HK0.A32.8m60.WHF | HSK-A32WE08060FCC2.5G25000SL | 8 | 28 | M8 | 60 | 34 | 1 |
| HK0.A32.10m65.WHF | HSK-A32WE10065FCC2.5G25000SL | 10 | 35 | M10 | 65 | 40 | 1 |
| HK0.A32.12m65.WHF | HSK-A32WE12065FCC2.5G25000SL | 12 | 42 | M12 | 65 | 46 | 1 |

## Accessories:



LOCKING
SCREW SLA

Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied

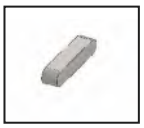


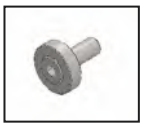

**METRIC**

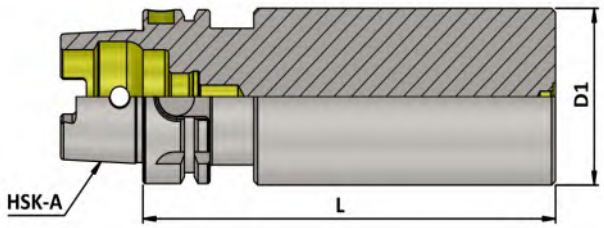
| HSK-A32 (DIN 69893-1) CSMA (AD) (JD) | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | L3 | G |
| HK0.A32.16m55.CSA | HSK-A 32 CSMA16 055 2.5G 25000 SL SP.S | 16 | 32 | 55 | 17 | 27 | M8 |
| HK0.A32.22m55.CSA | HSK-A 32 CSMA22 055 2.5G 25000 SL SP.S | 22 | 40 | 55 | 19 | 31 | M10 |
| HK0.A32.27m65.CSA | HSK-A 32 CSMA27 065 2.5G 25000 SL SP.S | 27 | 48 | 65 | 21 | 33 | M12 |

## Accessories:


CSMA DRIVER RING


CSMA KEY

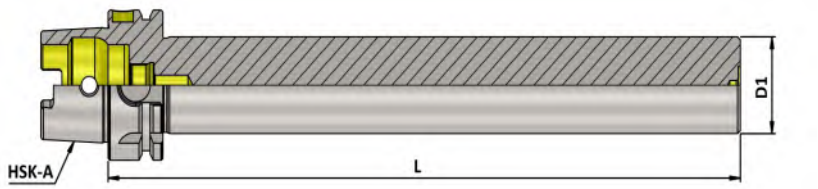

FMH / CSMA CLAMPING SCREW




METRIC

| HSK-A32 (DIN 69893-1)Boring Bar Blank | | | |
|---|---|---|---|
| PRODUCT CODE | Item Name | D1 | L |
| HK0.A32.25m150.BBB | HSK-A 32 BORING BAR BLANK DIA 25.0 L 150 | 25 | 150 |
| HK0.A32.32m100.BBB | HSK-A 32 BORING BAR BLANK DIA 32.0 L 100 | 32 | 100 |

Maximum Run out of the External diameter with respect to the External Taper 0.003 mm

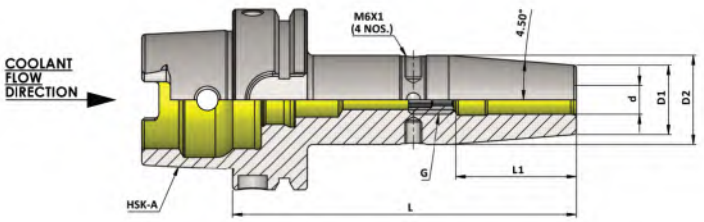



**METRIC**

| HSK-A32 (DIN 69893-1) Master Mandrell | | | (Sub Zero Treated) |
|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D1** | **L** |
| HK0.A32.25m150.MML | HSK-A 32 MASTER MANDRELL DIA 25 L 150 | 25 | 150 |
| HK0.A32.32m200.MML | HSK-A 32 MASTER MANDRELL DIA 32 L 200 | 32 | 200 |

# HSK-A40 (DIN 69893 - 1)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm



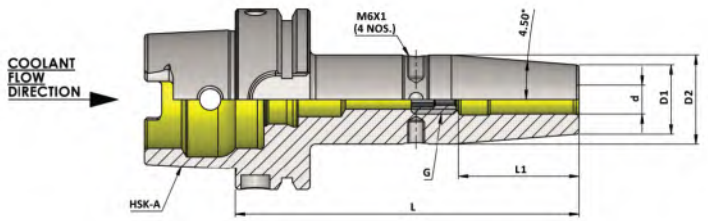

**METRIC**

**HSK-A40 (DIN 69893-1) (SFH 4.5° )** **(Balanced to 2.5G 25000 RPM)**

| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
|---|---|---|---|---|---|---|---|
| HK0.A40.3m60.SFS | HSK-A 40 SFH03 060 2.5G 25000 SL | 3 | 10 | 16 | – | 60 | 12 |
| HK0.A40.3m120.SFS | HSK-A 40 SFH03 120 2.5G 25000 SL | 3 | 10 | 16 | – | 120 | 12 |
| HK0.A40.3m130.SFS | HSK-A 40 SFH03 130 2.5G 25000 SL | 3 | 10 | 16 | – | 130 | 12 |
| HK0.A40.3m160.SFS | HSK-A 40 SFH03 160 2.5G 25000 SL | 3 | 10 | 16 | – | 160 | 12 |
| HK0.A40.4m60.SFS | HSK-A 40 SFH04 060 2.5G 25000 SL | 4 | 12 | 18 | – | 60 | 14 |
| HK0.A40.4m120.SFS | HSK-A 40 SFH04 120 2.5G 25000 SL | 4 | 12 | 20 | – | 120 | 14 |
| HK0.A40.4m130.SFS | HSK-A 40 SFH04 130 2.5G 25000 SL | 4 | 12 | 20 | – | 130 | 14 |
| HK0.A40.4m160.SFS | HSK-A 40 SFH04 160 2.5G 25000 SL | 4 | 12 | 20 | – | 160 | 14 |
| HK0.A40.5m60.SFS | HSK-A 40 SFH05 060 2.5G 25000 SL | 5 | 12 | 18 | – | 60 | 15 |
| HK0.A40.5m120.SFS | HSK-A 40 SFH05 120 2.5G 25000 SL | 5 | 12 | 22 | – | 120 | 15 |
| HK0.A40.5m130.SFS | HSK-A 40 SFH05 130 2.5G 25000 SL | 5 | 12 | 22 | – | 130 | 15 |
| HK0.A40.5m160.SFS | HSK-A 40 SFH05 160 2.5G 25000 SL | 5 | 12 | 22 | – | 160 | 15 |
| HK0.A40.6m80.SFS | HSK-A 40 SFH06 080 2.5G 25000 SL | 6 | 21 | 27 | M5 | 80 | 36 |
| HK0.A40.6m120.SFS | HSK-A 40 SFH06 120 2.5G 25000 SL | 6 | 21 | 27 | M5 | 120 | 36 |
| HK0.A40.6m130.SFS | HSK-A 40 SFH06 130 2.5G 25000 SL | 6 | 21 | 27 | M5 | 130 | 36 |
| HK0.A40.6m160.SFS | HSK-A 40 SFH06 160 2.5G 25000 SL | 6 | 21 | 27 | M5 | 160 | 36 |
| HK0.A40.8m80.SFS | HSK-A 40 SFH08 080 2.5G 25000 SL | 8 | 21 | 27 | M6 | 80 | 36 |
| HK0.A40.8m120.SFS | HSK-A 40 SFH08 120 2.5G 25000 SL | 8 | 21 | 27 | M6 | 120 | 36 |
| HK0.A40.8m130.SFS | HSK-A 40 SFH08 130 2.5G 25000 SL | 8 | 21 | 27 | M6 | 130 | 36 |
| HK0.A40.8m160.SFS | HSK-A 40 SFH08 160 2.5G 25000 SL | 8 | 21 | 27 | M6 | 160 | 36 |
| HK0.A40.10m80.SFS | HSK-A 40 SFH10 080 2.5G 25000 SL | 10 | 24 | 32 | M8 | 80 | 41 |
| HK0.A40.10m120.SFS | HSK-A 40 SFH10 120 2.5G 25000 SL | 10 | 24 | 32 | M8 | 120 | 41 |
| HK0.A40.10m130.SFS | HSK-A 40 SFH10 130 2.5G 25000 SL | 10 | 24 | 32 | M8 | 130 | 41 |
| HK0.A40.10m160.SFS | HSK-A 40 SFH10 160 2.5G 25000 SL | 10 | 24 | 32 | M8 | 160 | 41 |
| HK0.A40.12m90.SFS | HSK-A 40 SFH12 090 2.5G 25000 SL | 12 | 24 | 32 | M10 | 90 | 46 |
| HK0.A40.12m120.SFS | HSK-A 40 SFH12 120 2.5G 25000 SL | 12 | 24 | 32 | M10 | 120 | 46 |
| HK0.A40.12m130.SFS | HSK-A 40 SFH12 130 2.5G 25000 SL | 12 | 24 | 32 | M10 | 130 | 46 |
| HK0.A40.12m160.SFS | HSK-A 40 SFH12 160 2.5G 25000 SL | 12 | 24 | 32 | M10 | 160 | 46 |
| HK0.A40.14m90.SFS | HSK-A 40 SFH14 090 2.5G 25000 SL | 14 | 27 | 34 | M10 | 90 | 46 |
| HK0.A40.14m120.SFS | HSK-A 40 SFH14 120 2.5G 25000 SL | 14 | 27 | 34 | M10 | 120 | 46 |
| HK0.A40.14m130.SFS | HSK-A 40 SFH14 130 2.5G 25000 SL | 14 | 27 | 34 | M10 | 130 | 46 |
| HK0.A40.14m160.SFS | HSK-A 40 SFH14 160 2.5G 25000 SL | 14 | 27 | 34 | M10 | 160 | 46 |
| HK0.A40.16m90.SFS | HSK-A 40 SFH16 090 2.5G 25000 SL | 16 | 27 | 34 | M12 | 90 | 49 |
| HK0.A40.16m120.SFS | HSK-A 40 SFH16 120 2.5G 25000 SL | 16 | 27 | 34 | M12 | 120 | 49 |
| HK0.A40.16m130.SFS | HSK-A 40 SFH16 130 2.5G 25000 SL | 16 | 27 | 34 | M12 | 130 | 49 |
| HK0.A40.16m160.SFS | HSK-A 40 SFH16 160 2.5G 25000 SL | 16 | 27 | 34 | M12 | 160 | 49 |

# HSK-A40 (DIN 69893 - 1)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

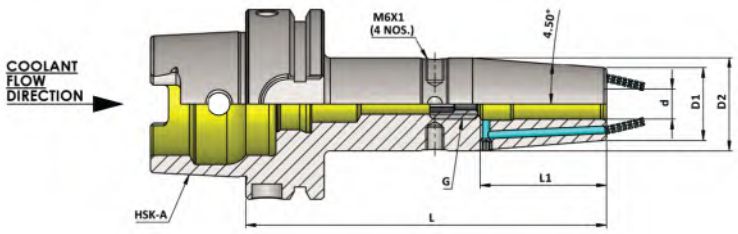



**INCH**

| HSK-A40 (DIN 69893-1) (SFH 4.5° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.A40.1/8z2362.SFS | HSK-A 40 SFH1/8'' 60 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | – | 2.362" | 0.472" |
| HK0.A40.1/8z4724.SFS | HSK-A 40 SFH1/8'' 120 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | – | 4.724" | 0.472" |
| HK0.A40.1/8z5118.SFS | HSK-A 40 SFH1/8'' 130 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | – | 5.118" | 0.472" |
| HK0.A40.1/8z6299.SFS | HSK-A 40 SFH1/8'' 160 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | – | 6.299" | 0.472" |
| HK0.A40.3/16z2362.SFS | HSK-A 40 SFH3/16'' 60 2.5G 25000 SL | 3/16" | 0.472" | 0.709" | – | 2.362" | 0.551" |
| HK0.A40.3/16z4724.SFS | HSK-A 40 SFH3/16'' 120 2.5G 25000 SL | 3/16" | 0.472" | 0.787" | – | 4.724" | 0.551" |
| HK0.A40.3/16z5118.SFS | HSK-A 40 SFH3/16'' 130 2.5G 25000 SL | 3/16" | 0.472" | 0.787" | – | 5.118" | 0.551" |
| HK0.A40.3/16z6299.SFS | HSK-A 40 SFH3/16'' 160 2.5G 25000 SL | 3/16" | 0.472" | 0.787" | – | 6.299" | 0.551" |
| HK0.A40.1/4z315.SFS | HSK-A 40 SFH1/4'' 080 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 3.15" | 1.417" |
| HK0.A40.1/4z4724.SFS | HSK-A 40 SFH1/4'' 120 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 4.724" | 1.417" |
| HK0.A40.1/4z5118.SFS | HSK-A 40 SFH1/4'' 130 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 5.118" | 1.417" |
| HK0.A40.1/4z6299.SFS | HSK-A 40 SFH1/4'' 160 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 6.299" | 1.417" |
| HK0.A40.5/16z315.SFS | HSK-A 40 SFH5/16'' 080 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 3.15" | 1.417" |
| HK0.A40.5/16z4724.SFS | HSK-A 40 SFH5/16'' 120 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 4.724" | 1.417" |
| HK0.A40.5/16z5118.SFS | HSK-A 40 SFH5/16'' 130 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 5.118" | 1.417" |
| HK0.A40.5/16z6299.SFS | HSK-A 40 SFH5/16'' 160 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 6.299" | 1.417" |
| HK0.A40.3/8z315.SFS | HSK-A 40 SFH3/8'' 080 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 3.15" | 1.614" |
| HK0.A40.3/8z4724.SFS | HSK-A 40 SFH3/8'' 120 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 4.724" | 1.614" |
| HK0.A40.3/8z5118.SFS | HSK-A 40 SFH3/8'' 130 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 5.118" | 1.614" |
| HK0.A40.3/8z6299.SFS | HSK-A 40 SFH3/8'' 160 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 6.299" | 1.614" |
| HK0.A40.1/2z3543.SFS | HSK-A 40 SFH1/2'' 090 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 3.543" | 1.811" |
| HK0.A40.1/2z4724.SFS | HSK-A 40 SFH1/2'' 120 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 4.724" | 1.811" |
| HK0.A40.1/2z5118.SFS | HSK-A 40 SFH1/2'' 130 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 5.118" | 1.811" |
| HK0.A40.1/2z6299.SFS | HSK-A 40 SFH1/2'' 160 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 6.299" | 1.811" |
| HK0.A40.5/8z3543.SFS | HSK-A 40 SFH5/8'' 090 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 3.543" | 1.929" |
| HK0.A40.5/8z4724.SFS | HSK-A 40 SFH5/8'' 120 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 4.724" | 1.929" |
| HK0.A40.5/8z5118.SFS | HSK-A 40 SFH5/8'' 130 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 5.118" | 1.929" |
| HK0.A40.5/8z6299.SFS | HSK-A 40 SFH5/8'' 160 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 6.299" | 1.929" |

# HSK-A40 (DIN 69893 - 1) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

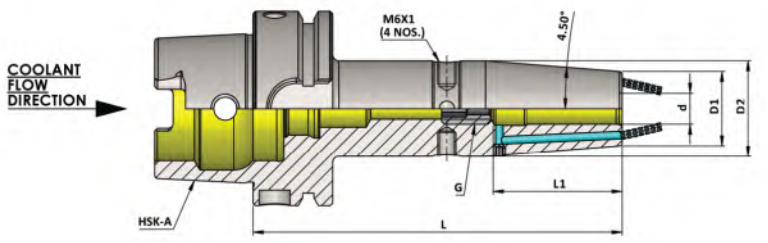



**METRIC**

| HSK-A40 (DIN 69893-1) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.A40.3m60.SFF | HSK-A 40 SFH03 060 FCC 2.5G 25000 SL | 3 | 10 | 16 | – | 60 | 12 |
| HK0.A40.3m120.SFF | HSK-A 40 SFH03 120 FCC 2.5G 25000 SL | 3 | 10 | 16 | – | 120 | 12 |
| HK0.A40.3m130.SFF | HSK-A 40 SFH03 130 FCC 2.5G 25000 SL | 3 | 10 | 16 | – | 130 | 12 |
| HK0.A40.3m160.SFF | HSK-A 40 SFH03 160 FCC 2.5G 25000 SL | 3 | 10 | 16 | – | 160 | 12 |
| HK0.A40.4m60.SFF | HSK-A 40 SFH04 060 FCC 2.5G 25000 SL | 4 | 12 | 18 | – | 60 | 14 |
| HK0.A40.4m120.SFF | HSK-A 40 SFH04 120 FCC 2.5G 25000 SL | 4 | 12 | 20 | – | 120 | 14 |
| HK0.A40.4m130.SFF | HSK-A 40 SFH04 130 FCC 2.5G 25000 SL | 4 | 12 | 20 | – | 130 | 14 |
| HK0.A40.4m160.SFF | HSK-A 40 SFH04 160 FCC 2.5G 25000 SL | 4 | 12 | 20 | – | 160 | 14 |
| HK0.A40.5m60.SFF | HSK-A 40 SFH05 060 FCC 2.5G 25000 SL | 5 | 12 | 18 | – | 60 | 15 |
| HK0.A40.5m120.SFF | HSK-A 40 SFH05 120 FCC 2.5G 25000 SL | 5 | 12 | 22 | – | 120 | 15 |
| HK0.A40.5m130.SFF | HSK-A 40 SFH05 130 FCC 2.5G 25000 SL | 5 | 12 | 22 | – | 130 | 15 |
| HK0.A40.5m160.SFF | HSK-A 40 SFH05 160 FCC 2.5G 25000 SL | 5 | 12 | 22 | – | 160 | 15 |
| HK0.A40.6m80.SFF | HSK-A 40 SFH06 080 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 80 | 36 |
| HK0.A40.6m120.SFF | HSK-A 40 SFH06 120 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 120 | 36 |
| HK0.A40.6m130.SFF | HSK-A 40 SFH06 130 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 130 | 36 |
| HK0.A40.6m160.SFF | HSK-A 40 SFH06 160 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 160 | 36 |
| HK0.A40.8m80.SFF | HSK-A 40 SFH08 080 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 80 | 36 |
| HK0.A40.8m120.SFF | HSK-A 40 SFH08 120 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 120 | 36 |
| HK0.A40.8m130.SFF | HSK-A 40 SFH08 130 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 130 | 36 |
| HK0.A40.8m160.SFF | HSK-A 40 SFH08 160 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 160 | 36 |
| HK0.A40.10m80.SFF | HSK-A 40 SFH10 080 FCC 2.5G 25000 SL | 10 | 24 | 32 | M8 | 80 | 41 |
| HK0.A40.10m120.SFF | HSK-A 40 SFH10 120 FCC 2.5G 25000 SL | 10 | 24 | 32 | M8 | 120 | 41 |
| HK0.A40.10m130.SFF | HSK-A 40 SFH10 130 FCC 2.5G 25000 SL | 10 | 24 | 32 | M8 | 130 | 41 |
| HK0.A40.10m160.SFF | HSK-A 40 SFH10 160 FCC 2.5G 25000 SL | 10 | 24 | 32 | M8 | 160 | 41 |
| HK0.A40.12m90.SFF | HSK-A 40 SFH12 090 FCC 2.5G 25000 SL | 12 | 24 | 32 | M10 | 90 | 46 |
| HK0.A40.12m120.SFF | HSK-A 40 SFH12 120 FCC 2.5G 25000 SL | 12 | 24 | 32 | M10 | 120 | 46 |
| HK0.A40.12m130.SFF | HSK-A 40 SFH12 130 FCC 2.5G 25000 SL | 12 | 24 | 32 | M10 | 130 | 46 |
| HK0.A40.12m160.SFF | HSK-A 40 SFH12 160 FCC 2.5G 25000 SL | 12 | 24 | 32 | M10 | 160 | 46 |
| HK0.A40.14m90.SFF | HSK-A 40 SFH14 090 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 90 | 46 |
| HK0.A40.14m120.SFF | HSK-A 40 SFH14 120 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 120 | 46 |
| HK0.A40.14m130.SFF | HSK-A 40 SFH14 130 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 130 | 46 |
| HK0.A40.14m160.SFF | HSK-A 40 SFH14 160 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 160 | 46 |
| HK0.A40.16m90.SFF | HSK-A 40 SFH16 090 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 90 | 49 |
| HK0.A40.16m120.SFF | HSK-A 40 SFH16 120 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 120 | 49 |
| HK0.A40.16m130.SFF | HSK-A 40 SFH16 130 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 130 | 49 |
| HK0.A40.16m160.SFF | HSK-A 40 SFH16 160 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 160 | 49 |

# HSK-A40 (DIN 69893 - 1) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

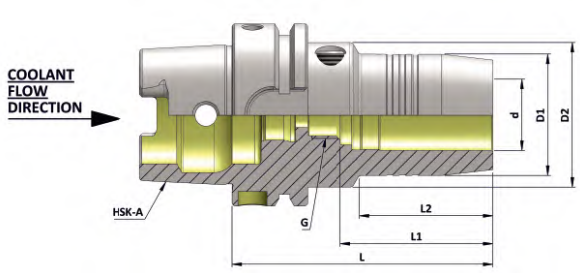


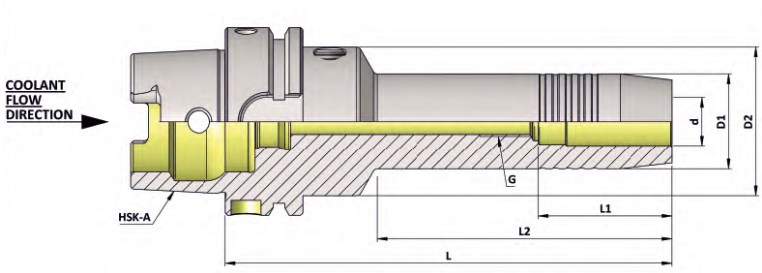

**INCH**

| HSK-A40 (DIN 69893-1) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.A40.1/8z2362.SFF | HSK-A 40 SFH1/8'' 60 FCC / 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | – | 2.362" | 0.472" |
| HK0.A40.1/8z4724.SFF | HSK-A 40 SFH1/8'' 120 FCC / 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | – | 4.724" | 0.472" |
| HK0.A40.1/8z5118.SFF | HSK-A 40 SFH1/8'' 130 FCC / 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | – | 5.118" | 0.472" |
| HK0.A40.1/8z6299.SFF | HSK-A 40 SFH1/8'' 160 FCC / 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | – | 6.299" | 0.472" |
| HK0.A40.3/16z2362.SFF | HSK-A 40 SFH3/16'' 60 FCC / 2.5G 25000 SL | 3/16" | 0.472" | 0.709" | – | 2.362" | 0.551" |
| HK0.A40.3/16z4724.SFF | HSK-A 40 SFH3/16'' 120 FCC / 2.5G 25000 SL | 3/16" | 0.472" | 0.787" | – | 4.724" | 0.551" |
| HK0.A40.3/16z5118.SFF | HSK-A 40 SFH3/16'' 130 FCC / 2.5G 25000 SL | 3/16" | 0.472" | 0.787" | – | 5.118" | 0.551" |
| HK0.A40.3/16z6299.SFF | HSK-A 40 SFH3/16'' 160 FCC / 2.5G 25000 SL | 3/16" | 0.472" | 0.787" | – | 6.299" | 0.551" |
| HK0.A40.1/4z315.SFF | HSK-A 40 SFH1/4'' 080 FCC / 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 3.15" | 1.417" |
| HK0.A40.1/4z4724.SFF | HSK-A 40 SFH1/4'' 120 FCC / 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 4.724" | 1.417" |
| HK0.A40.1/4z5118.SFF | HSK-A 40 SFH1/4'' 130 FCC / 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 5.118" | 1.417" |
| HK0.A40.1/4z6299.SFF | HSK-A 40 SFH1/4'' 160 FCC / 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 6.299" | 1.417" |
| HK0.A40.5/16z315.SFF | HSK-A 40 SFH5/16'' 080 FCC / 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 3.15" | 1.417" |
| HK0.A40.5/16z4724.SFF | HSK-A 40 SFH5/16'' 120 FCC / 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 4.724" | 1.417" |
| HK0.A40.5/16z5118.SFF | HSK-A 40 SFH5/16'' 130 FCC / 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 5.118" | 1.417" |
| HK0.A40.5/16z6299.SFF | HSK-A 40 SFH5/16'' 160 FCC / 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 6.299" | 1.417" |
| HK0.A40.3/8z315.SFF | HSK-A 40 SFH3/8'' 080 FCC / 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 3.15" | 1.614" |
| HK0.A40.3/8z4724.SFF | HSK-A 40 SFH3/8'' 120 FCC / 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 4.724" | 1.614" |
| HK0.A40.3/8z5118.SFF | HSK-A 40 SFH3/8'' 130 FCC / 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 5.118" | 1.614" |
| HK0.A40.3/8z6299.SFF | HSK-A 40 SFH3/8'' 160 FCC / 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 6.299" | 1.614" |
| HK0.A40.1/2z3543.SFF | HSK-A 40 SFH1/2'' 090 FCC / 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 3.543" | 1.811" |
| HK0.A40.1/2z4724.SFF | HSK-A 40 SFH1/2'' 120 FCC / 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 4.724" | 1.811" |
| HK0.A40.1/2z5118.SFF | HSK-A 40 SFH1/2'' 130 FCC / 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 5.118" | 1.811" |
| HK0.A40.1/2z6299.SFF | HSK-A 40 SFH1/2'' 160 FCC / 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 6.299" | 1.811" |
| HK0.A40.5/8z3543.SFF | HSK-A 40 SFH5/8'' 090 FCC / 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 3.543" | 1.929" |
| HK0.A40.5/8z4724.SFF | HSK-A 40 SFH5/8'' 120 FCC / 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 4.724" | 1.929" |
| HK0.A40.5/8z5118.SFF | HSK-A 40 SFH5/8'' 130 FCC / 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 5.118" | 1.929" |
| HK0.A40.5/8z6299.SFF | HSK-A 40 SFH5/8'' 160 FCC / 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 6.299" | 1.929" |

# HSK-A40 (DIN 69893-1)
# Form A Hydraulic Expansion Chuck

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

**HSK-A40 (DIN 69893-1) Hydraulic Expansion Chuck**

| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
|---|---|---|---|---|---|---|---|---|
| HK0.A40.6m70.HCS | HSK-A40HC060702.5G25000SL | 6 | 26 | 33.5 | M5 | 70 | 37 | 36 |
| HK0.A40.8m70.HCS | HSK-A40HC080702.5G25000SL | 8 | 28 | 33.5 | M6 | 70 | 37 | 36 |
| HK0.A40.10m75.HCS | HSK-A40HC100752.5G25000SL | 10 | 30 | 33.5 | M6 | 75 | 41 | 42 |
| HK0.A40.12m80.HCS | HSK-A40HC120802.5G25000SL | 12 | 32 | 33.5 | M6 | 80 | 46 | 48 |

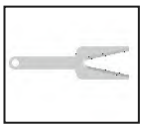
**INCH**

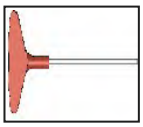
**HSK-A40 (DIN 69893-1) Hydraulic Expansion Chuck**

| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
|---|---|---|---|---|---|---|---|---|
| HK0.A40.1/4z2756.HCS | HSK-A40HC1/4''0702.5G25000SL | 1/4" | 1.024" | 1.319" | M5 | 2.756" | 1.457" | 1.417" |
| HK0.A40.5/16z2756.HCS | HSK-A40HC5/16''0702.5G25000SL | 5/16" | 1.102" | 1.319" | M6 | 2.756" | 1.457" | 1.417" |
| HK0.A40.3/8z2953.HCS | HSK-A40HC3/8''0752.5G25000SL | 3/8" | 1.181" | 1.319" | M6 | 2.953" | 1.614" | 1.654" |
| HK0.A40.1/2z315.HCS | HSK-A40HC1/2''0802.5G25000SL | 1/2" | 1.26" | 1.319" | M6 | 3.15" | 1.811" | 1.89" |

## Accessories:

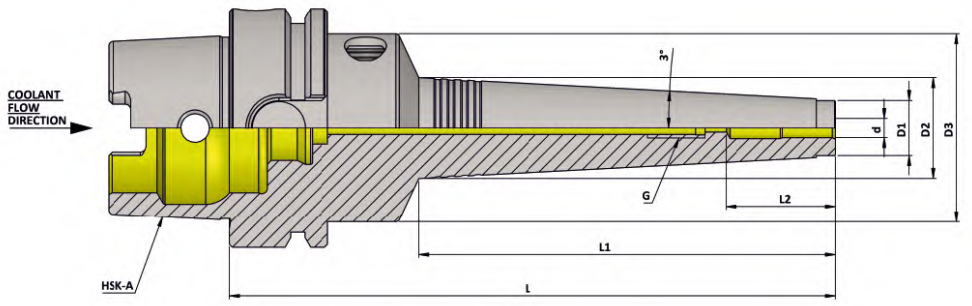

REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

# HSK-A40 (DIN 69893-1) Form A
# Hydraulic Expansion Chuck Slim 3 Degree

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm



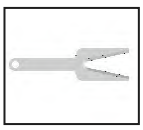

**METRIC**

| HSK-A40 (DIN 69893-1) Hydraulic Expansion Chuck Slim 3 Degree | | | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| Product Code | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 |
| HK0.A40.3m90.HC3 | HSK-A40HC03090SLIM2.5G25000SL | 3 | 11 | 14.0 | 46 | M2.5 | 90 | 28 | 28 |
| HK0.A40.3m100.HC3 | HSK-A40HC03100SLIM2.5G25000SL | 3 | 11 | 14.9 | 46 | M2.5 | 100 | 37 | 28 |
| HK0.A40.3m145.HC3 | HSK-A40HC03145SLIM2.5G25000SL | 3 | 11 | 19.9 | 46 | M2.5 | 145 | 84 | 28 |
| HK0.A40.4m90.HC3 | HSK-A40HC04090SLIM2.5G25000SL | 4 | 11 | 14.0 | 46 | M2.5 | 90 | 28 | 28 |
| HK0.A40.4m100.HC3 | HSK-A40HC04100SLIM2.5G25000SL | 4 | 11 | 14.9 | 46 | M2.5 | 100 | 37 | 28 |
| HK0.A40.4m145.HC3 | HSK-A40HC04145SLIM2.5G25000SL | 4 | 11 | 19.9 | 46 | M2.5 | 145 | 84 | 28 |
| HK0.A40.5m90.HC3 | HSK-A40HC05090SLIM2.5G25000SL | 5 | 12 | 14.9 | 46 | M2.5 | 90 | 28 | 28 |
| HK0.A40.5m100.HC3 | HSK-A40HC05100SLIM2.5G25000SL | 5 | 12 | 15.9 | 46 | M2.5 | 100 | 37 | 28 |
| HK0.A40.5m145.HC3 | HSK-A40HC05145SLIM2.5G25000SL | 5 | 12 | 20.8 | 46 | M2.5 | 145 | 84 | 28 |
| HK0.A40.6m105.HC3 | HSK-A40HC06105SLIM2.5G25000SL | 6 | 13 | 17.0 | 46 | M5 | 105 | 38 | 37 |
| HK0.A40.6m150.HC3 | HSK-A40HC06150SLIM2.5G25000SL | 6 | 13 | 21.9 | 46 | M5 | 150 | 84 | 37 |
| HK0.A40.6m165.HC3 | HSK-A40HC06165SLIM2.5G25000SL | 6 | 13 | 23.4 | 46 | M5 | 165 | 99 | 37 |
| HK0.A40.6m180.HC3 | HSK-A40HC06180SLIM2.5G25000SL | 6 | 13 | 25.0 | 46 | M5 | 180 | 114 | 37 |
| HK0.A40.8m105.HC3 | HSK-A40HC08105SLIM2.5G25000SL | 8 | 15 | 19.0 | 46 | M6 | 105 | 38 | 37 |
| HK0.A40.8m150.HC3 | HSK-A40HC08150SLIM2.5G25000SL | 8 | 15 | 23.9 | 46 | M6 | 150 | 84 | 37 |
| HK0.A40.8m165.HC3 | HSK-A40HC08165SLIM2.5G25000SL | 8 | 15 | 25.4 | 46 | M6 | 165 | 99 | 37 |
| HK0.A40.8m180.HC3 | HSK-A40HC08180SLIM2.5G25000SL | 8 | 15 | 27.0 | 46 | M6 | 180 | 114 | 37 |
| HK0.A40.10m120.HC3 | HSK-A40HC10120SLIM2.5G25000SL | 10 | 17 | 22.6 | 46 | M6 | 120 | 53 | 41 |
| HK0.A40.10m150.HC3 | HSK-A40HC10150SLIM2.5G25000SL | 10 | 17 | 25.9 | 46 | M6 | 150 | 84 | 41 |
| HK0.A40.10m165.HC3 | HSK-A40HC10165SLIM2.5G25000SL | 10 | 17 | 27.4 | 46 | M6 | 165 | 99 | 41 |
| HK0.A40.10m180.HC3 | HSK-A40HC10180SLIM2.5G25000SL | 10 | 17 | 29.0 | 46 | M6 | 180 | 114 | 41 |
| HK0.A40.12m120.HC3 | HSK-A40HC12120SLIM2.5G25000SL | 12 | 19 | 24.6 | 46 | M6 | 120 | 53 | 46 |
| HK0.A40.12m150.HC3 | HSK-A40HC12150SLIM2.5G25000SL | 12 | 19 | 27.9 | 46 | M6 | 150 | 84 | 46 |
| HK0.A40.12m165.HC3 | HSK-A40HC12165SLIM2.5G25000SL | 12 | 19 | 29.4 | 46 | M6 | 165 | 99 | 46 |
| HK0.A40.12m180.HC3 | HSK-A40HC12180SLIM2.5G25000SL | 12 | 19 | 31.0 | 46 | M6 | 180 | 114 | 46 |

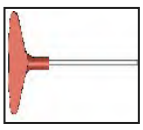
## Accessories:



REDUCTION SLEEVE SEAL



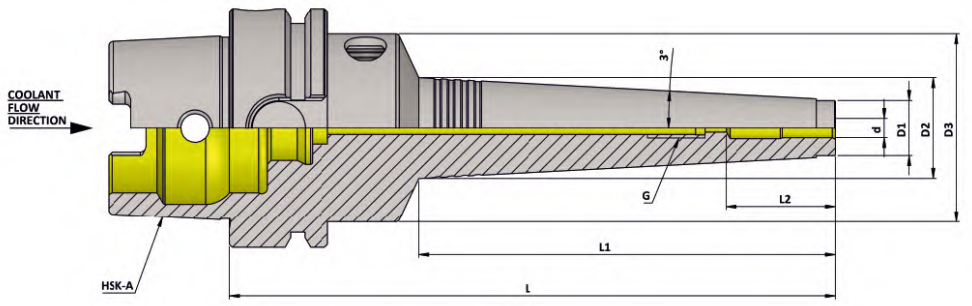
SPANNER HC



KEY HC 5MM

# HSK-A40 (DIN 69893-1) Form A
# Hydraulic Expansion Chuck Slim 3 Degree

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm



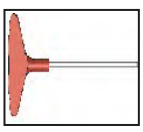

**INCH**

| HSK-A40 (DIN 69893-1) Hydraulic Expansion Chuck Slim 3 Degree | | | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| Product Code | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 |
| HK0.A40.1/8z3543.HC3 | HSK-A 40 HC1/8'' 090 SLIM 2.5G 25000SL | 1/8'' | 0.433" | 0.551" | 1.811" | M2.5 | 3.543" | 1.102" | 1.102" |
| HK0.A40.1/8z3937.HC3 | HSK-A 40 HC1/8'' 100 SLIM 2.5G 25000SL | 1/8'' | 0.433" | 0.587" | 1.811" | M2.5 | 3.937" | 1.457" | 1.102" |
| HK0.A40.1/8z5709.HC3 | HSK-A 40 HC1/8'' 145 SLIM 2.5G 25000SL | 1/8'' | 0.433" | 0.783" | 1.811" | M2.5 | 5.709" | 3.307" | 1.102" |
| HK0.A40.3/16z3543.HC3 | HSK-A40 HC3/16'' 090 SLIM 2.5G 25000SL | 3/16'' | 0.433" | 0.551" | 1.811" | M2.5 | 3.543" | 1.102" | 1.102" |
| HK0.A40.3/16z3937.HC3 | HSK-A40 HC3/16'' 100 SLIM 2.5G 25000SL | 3/16'' | 0.433" | 0.587" | 1.811" | M2.5 | 3.937" | 1.457" | 1.102" |
| HK0.A40.3/16z5709.HC3 | HSK-A40 HC3/16'' 145 SLIM 2.5G 25000SL | 3/16'' | 0.433" | 0.783" | 1.811" | M2.5 | 5.709" | 3.307" | 1.102" |
| HK0.A40.1/4z4134.HC3 | HSK-A 40 HC1/4'' 105 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 0.669" | 1.811" | M5 | 4.134" | 1.496" | 1.457" |
| HK0.A40.1/4z5906.HC3 | HSK-A 40 HC1/4'' 150 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 0.862" | 1.811" | M5 | 5.906" | 3.307" | 1.457" |
| HK0.A40.1/4z6496.HC3 | HSK-A 40 HC1/4'' 165 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 0.921" | 1.811" | M5 | 6.496" | 3.898" | 1.457" |
| HK0.A40.1/4z7087.HC3 | HSK-A 40 HC1/4'' 180 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 0.984" | 1.811" | M5 | 7.087" | 4.488" | 1.457" |
| HK0.A40.5/16z4134.HC3 | HSK-A40 HC5/16'' 105 SLIM 2.5G 25000SL | 5/16'' | 0.591" | 0.748" | 1.811" | M6 | 4.134" | 1.496" | 1.457" |
| HK0.A40.5/16z5906.HC3 | HSK-A40 HC5/16'' 150 SLIM 2.5G 25000SL | 5/16'' | 0.591" | 0.941" | 1.811" | M6 | 5.906" | 3.307" | 1.457" |
| HK0.A40.5/16z6496.HC3 | HSK-A40 HC5/16'' 165 SLIM 2.5G 25000SL | 5/16'' | 0.591" | 1." | 1.811" | M6 | 6.496" | 3.898" | 1.457" |
| HK0.A40.5/16z7087.HC3 | HSK-A40 HC5/16'' 180 SLIM 2.5G 25000SL | 5/16'' | 0.591" | 1.063" | 1.811" | M6 | 7.087" | 4.488" | 1.457" |
| HK0.A40.3/8z4724.HC3 | HSK-A 40 HC3/8'' 120 SLIM 2.5G 25000SL | 3/8'' | 0.669" | 0.89" | 1.811" | M6 | 4.724" | 2.087" | 1.614" |
| HK0.A40.3/8z5906.HC3 | HSK-A 40 HC3/8'' 150 SLIM 2.5G 25000SL | 3/8'' | 0.669" | 1.02" | 1.811" | M6 | 5.906" | 3.307" | 1.614" |
| HK0.A40.3/8z6496.HC3 | HSK-A 40 HC3/8'' 165 SLIM 2.5G 25000SL | 3/8'' | 0.669" | 1.079" | 1.811" | M6 | 6.496" | 3.898" | 1.614" |
| HK0.A40.3/8z7087.HC3 | HSK-A 40 HC3/8'' 180 SLIM 2.5G 25000SL | 3/8'' | 0.669" | 1.142" | 1.811" | M6 | 7.087" | 4.488" | 1.614" |
| HK0.A40.1/2z4724.HC3 | HSK-A 40 HC1/2'' 120 SLIM 2.5G 25000SL | 1/2'' | 0.748" | 0.969" | 1.811" | M6 | 4.724" | 2.087" | 1.811" |
| HK0.A40.1/2z5906.HC3 | HSK-A 40 HC1/2'' 150 SLIM 2.5G 25000SL | 1/2'' | 0.748" | 1.098" | 1.811" | M6 | 5.906" | 3.307" | 1.811" |
| HK0.A40.1/2z6496.HC3 | HSK-A 40 HC1/2'' 165 SLIM 2.5G 25000SL | 1/2'' | 0.748" | 1.157" | 1.811" | M6 | 6.496" | 3.898" | 1.811" |
| HK0.A40.1/2z7087.HC3 | HSK-A 40 HC1/2'' 180 SLIM 2.5G 25000SL | 1/2'' | 0.748" | 1.22" | 1.811" | M6 | 7.087" | 4.488" | 1.811" |

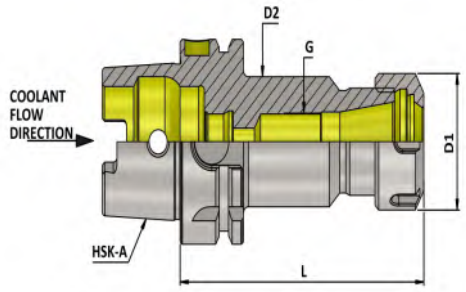
## Accessories:


REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-A40 32 (DIN 69893 - 1) Collet Chuck ER | | | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Suitable Collet | Collet Capacity | D1 | D2 | G | L | Nut | Spanner |
| HK0.A40.32m80.ERS | HSK-A 40 ER 16 080 2.5G 25000 SL | ER 16 | 0.5-10 | 32 | - | M10x1 | 80 | UM/ER 16 | E16 |
| HK0.A40.42m80.ERS | HSK-A 40 ER 25 080 2.5G 25000 SL | ER 25 | 1.0-16 | 42 | - | M18x1 | 80 | UM/ER 25 | E25 |
| HK0.A40.50m100.ERS | HSK-A 40 ER 32 100 2.5G 25000 SL | ER 32 | 2.0-20 | 50 | - | M22X1.5 | 100 | UM/ER 32 | E32 |

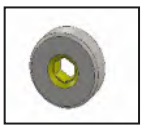
## Accessories:


ER COLLET (DIN 6499)

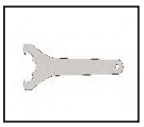

TAP COLLET ER-G


QC TAP COLLET QCTC


ER NUT

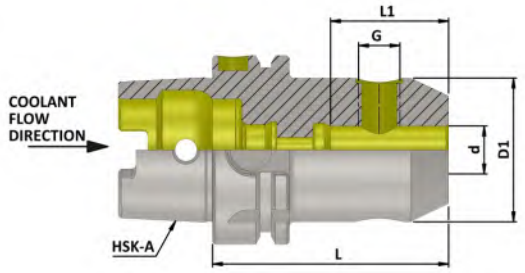

ER STOPPER SCREW


SEALING DISC


SPANNER E

# HSK-A40 (DIN 69893 -1) Weldon Type
# End Mill Holder (DIN 1835 B) (WE) (DIN 6359)

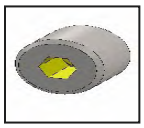
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-A40 50 (DIN 69893 - 1) (WE) | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.A40.6m60.WHS | HSK-A 40 WE06 060 2.5G 25000 SL | 6 | 25 | M6 | 60 | 34 | 1 |
| HK0.A40.8m60.WHS | HSK-A 40 WE08 060 2.5G 25000 SL | 8 | 28 | M8 | 60 | 34 | 1 |
| HK0.A40.10m60.WHS | HSK-A 40 WE10 060 2.5G 25000 SL | 10 | 35 | M10 | 60 | 40 | 1 |
| HK0.A40.12m70.WHS | HSK-A 40 WE12 070 2.5G 25000 SL | 12 | 42 | M12 | 70 | 46 | 1 |
| HK0.A40.16m75.WHS | HSK-A 40 WE16 075 2.5G 25000 SL | 16 | 48 | M14 | 75 | 48 | 1 |

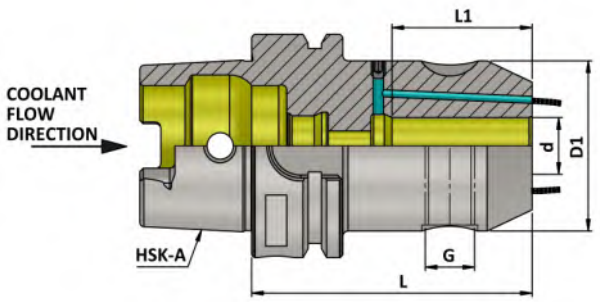
## Accessories:



LOCKING
SCREW SLA

# HSK A40 (DIN 69893-1) Weldon Type End Mill Holder (DIN 1835 B) (Face Coolant Channel) (WE : FCC) (DIN 6359)

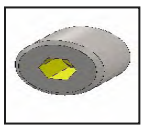
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

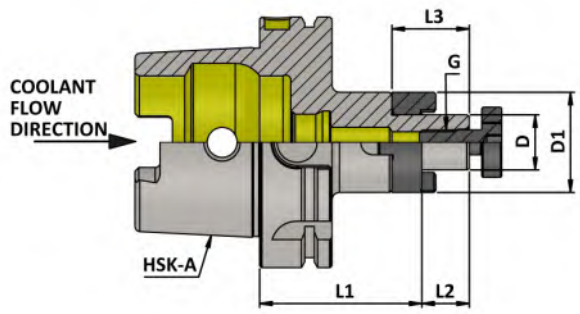
| HSK A40 (DIN 69893 - 1) (WE : FCC) | | | | | | | (Balanced 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.A40.6m60.WHF | HSK-A40WE06060FCC2.5G25000SL | 6 | 25 | M6 | 60 | 34 | 1 |
| HK0.A40.8m60.WHF | HSK-A40WE08060FCC2.5G25000SL | 8 | 28 | M8 | 60 | 34 | 1 |
| HK0.A40.10m60.WHF | HSK-A40WE10060FCC2.5G25000SL | 10 | 35 | M10 | 60 | 40 | 1 |
| HK0.A40.12m70.WHF | HSK-A40WE12070FCC2.5G25000SL | 12 | 42 | M12 | 70 | 46 | 1 |
| HK0.A40.16m75.WHF | HSK-A40WE16075FCC2.5G25000SL | 16 | 48 | M14 | 75 | 48 | 1 |

## Accessories:



LOCKING
SCREW SLA

Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied

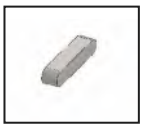


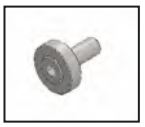

**METRIC**

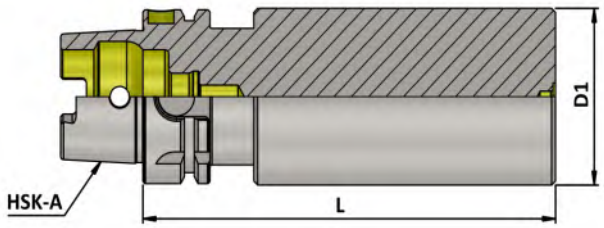
| HSK-A40 (DIN 69893-1) CSMA (AD) (JD) | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | L3 | G |
| HK0.A40.16m50.CSA | HSK-A 40 CSMA16 050 2.5G 25000 SL SP.S | 16 | 32 | 50 | 17 | 27 | M8 |
| HK0.A40.22m50.CSA | HSK-A 40 CSMA22 050 2.5G 25000 SL SP.S | 22 | 40 | 50 | 19 | 31 | M10 |
| HK0.A40.27m65.CSA | HSK-A 40 CSMA27 065 2.5G 25000 SL SP.S | 27 | 48 | 65 | 21 | 33 | M12 |

## Accessories:


CSMA DRIVER RING


CSMA KEY

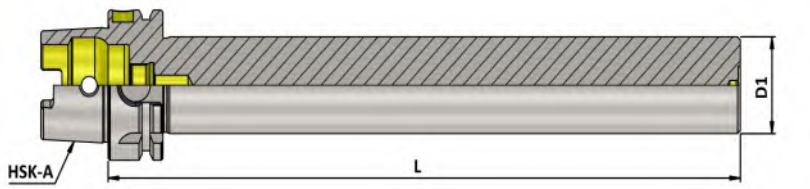

FMH / CSMA CLAMPING SCREW




METRIC

| HSK-A40 (DIN 69893-1)Boring Bar Blank | | | |
|---|---|---|---|
| PRODUCT CODE | Item Name | D1 | L |
| HK0.A40.40m150.BBB | HSK-A 40 BORING BAR BLANK DIA 40.0 L 150 | 40 | 150 |
| HK0.A40.70m100.BBB | HSK-A 40 BORING BAR BLANK DIA 70.0 L 100 | 70 | 100 |

Maximum Run out of the External diameter with respect to the External Taper 0.003 mm




METRIC

| HSK-A40 (DIN 69893-1) Master Mandrell | | | (Sub Zero Treated) |
|---|---|---|---|
| PRODUCT CODE | Item Name | D1 | L |
| HK0.A40.25m150.MML | HSK-A 40 MASTER MANDRELL DIA 25 L 150 | 25 | 150 |
| HK0.A40.32m200.MML | HSK-A 40 MASTER MANDRELL DIA 32 L 200 | 32 | 200 |




# HSK A50 . DIN 69893


**138 Shrink Fit Holders**

138 4.5 °

142 4.5 ° Face Coolant Channel

**146 Hydraulic Chucks**

146 Standard

148 Face Coolant Channel - Heavy Duty

149 Slim 3 °

**151 Face Mill Holders (FMH)**

151 Standard

152 Through Coolant (FMH – K)

153 Hydraulic Expansion (HC - FMH – K)

**154 Die & Mold Chuck (DMC)**

154 Die & Mold Chuck (DMC)

**155 Power Milling Chuck (PMC)**

155 Power Milling Chuck (PMC)

**156 ER Collect Chuck**

156 Standard

**157 Weldon Type End Mill Holders**

157 Standard

158 Face Coolant Channel

**159 Combi Shell Mill Adaptors**

159 Combi Shell Mill Adaptors

**160 Morse Taper Adaptors (MTA)**

160 Morse Taper Adaptors (MTA)

**161 Boring Bar Blanks**

161 Boring Bar Blanks

**162 Master Mandrell**

162 Master Mandrell

**163 NC Drill Chuck**

163 NC Drill Chuck

**164 Quick Change Tapping Chuck**

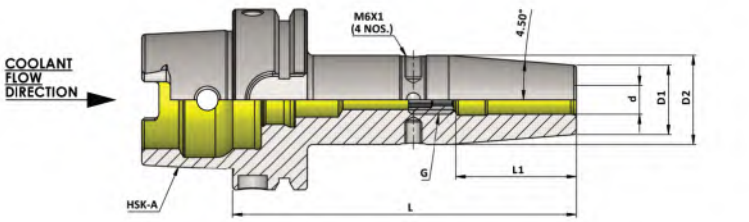
164 Quick Change Tapping Chuck

**165 Minimum Length Compensation Tapping Chucks**

165 Minimum Length Compensation Tapping Chucks

# HSK-A50 (DIN 69893 - 1)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

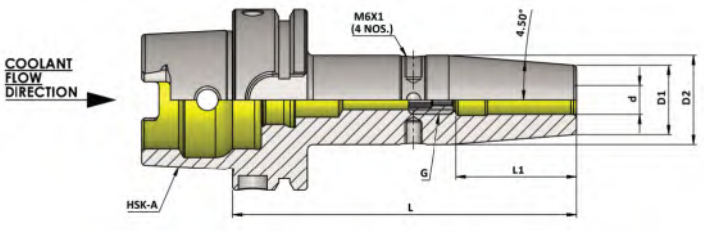



**METRIC**

| HSK-A50 (DIN 69893-1) (SFH 4.5° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.A50.3m80.SFS | HSK-A 50 SFH03 080 2.5G 25000 SL | 3 | 10 | 20 | — | 80 | 12 |
| HK0.A50.3m120.SFS | HSK-A 50 SFH03 120 2.5G 25000 SL | 3 | 10 | 20 | — | 120 | 12 |
| HK0.A50.3m130.SFS | HSK-A 50 SFH03 130 2.5G 25000 SL | 3 | 10 | 20 | — | 130 | 12 |
| HK0.A50.3m160.SFS | HSK-A 50 SFH03 160 2.5G 25000 SL | 3 | 10 | 20 | — | 160 | 12 |
| HK0.A50.4m80.SFS | HSK-A 50 SFH04 080 2.5G 25000 SL | 4 | 15 | 22 | — | 80 | 14 |
| HK0.A50.4m120.SFS | HSK-A 50 SFH04 120 2.5G 25000 SL | 4 | 15 | 22 | — | 120 | 14 |
| HK0.A50.4m130.SFS | HSK-A 50 SFH04 130 2.5G 25000 SL | 4 | 15 | 22 | — | 130 | 14 |
| HK0.A50.4m160.SFS | HSK-A 50 SFH04 160 2.5G 25000 SL | 4 | 15 | 22 | — | 160 | 14 |
| HK0.A50.5m80.SFS | HSK-A 50 SFH05 080 2.5G 25000 SL | 5 | 15 | 22 | — | 80 | 15 |
| HK0.A50.5m120.SFS | HSK-A 50 SFH05 120 2.5G 25000 SL | 5 | 15 | 22 | — | 120 | 15 |
| HK0.A50.5m130.SFS | HSK-A 50 SFH05 130 2.5G 25000 SL | 5 | 15 | 22 | — | 130 | 15 |
| HK0.A50.5m160.SFS | HSK-A 50 SFH05 160 2.5G 25000 SL | 5 | 15 | 22 | — | 160 | 15 |
| HK0.A50.6m80.SFS | HSK-A 50 SFH06 080 2.5G 25000 SL | 6 | 21 | 27 | M5 | 80 | 36 |
| HK0.A50.6m120.SFS | HSK-A 50 SFH06 120 2.5G 25000 SL | 6 | 21 | 27 | M5 | 120 | 36 |
| HK0.A50.6m130.SFS | HSK-A 50 SFH06 130 2.5G 25000 SL | 6 | 21 | 27 | M5 | 130 | 36 |
| HK0.A50.6m160.SFS | HSK-A 50 SFH06 160 2.5G 25000 SL | 6 | 21 | 27 | M5 | 160 | 36 |
| HK0.A50.8m80.SFS | HSK-A 50 SFH08 080 2.5G 25000 SL | 8 | 21 | 27 | M6 | 80 | 36 |
| HK0.A50.8m120.SFS | HSK-A 50 SFH08 120 2.5G 25000 SL | 8 | 21 | 27 | M6 | 120 | 36 |
| HK0.A50.8m130.SFS | HSK-A 50 SFH08 130 2.5G 25000 SL | 8 | 21 | 27 | M6 | 130 | 36 |
| HK0.A50.8m160.SFS | HSK-A 50 SFH08 160 2.5G 25000 SL | 8 | 21 | 27 | M6 | 160 | 36 |
| HK0.A50.10m85.SFS | HSK-A 50 SFH10 085 2.5G 25000 SL | 10 | 24 | 31 | M8 | 85 | 41 |
| HK0.A50.10m120.SFS | HSK-A 50 SFH10 120 2.5G 25000 SL | 10 | 24 | 31 | M8 | 120 | 41 |

# HSK-A50 (DIN 69893 - 1)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

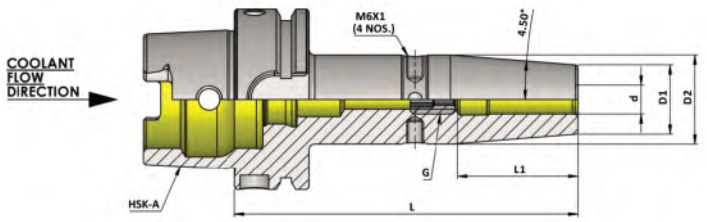



**METRIC**

| HSK-A50 (DIN 69893-1) (SFH 4.5° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.A50.10m130.SFS | HSK-A 50 SFH10 130 2.5G 25000 SL | 10 | 24 | 31 | M8 | 130 | 41 |
| HK0.A50.10m160.SFS | HSK-A 50 SFH10 160 2.5G 25000 SL | 10 | 24 | 31 | M8 | 160 | 41 |
| HK0.A50.12m90.SFS | HSK-A 50 SFH12 090 2.5G 25000 SL | 12 | 24 | 31 | M10 | 90 | 46 |
| HK0.A50.12m120.SFS | HSK-A 50 SFH12 120 2.5G 25000 SL | 12 | 24 | 31 | M10 | 120 | 46 |
| HK0.A50.12m130.SFS | HSK-A 50 SFH12 130 2.5G 25000 SL | 12 | 24 | 31 | M10 | 130 | 46 |
| HK0.A50.12m160.SFS | HSK-A 50 SFH12 160 2.5G 25000 SL | 12 | 24 | 31 | M10 | 160 | 46 |
| HK0.A50.14m90.SFS | HSK-A 50 SFH14 090 2.5G 25000 SL | 14 | 27 | 34 | M10 | 90 | 46 |
| HK0.A50.14m120.SFS | HSK-A 50 SFH14 120 2.5G 25000 SL | 14 | 27 | 34 | M10 | 120 | 46 |
| HK0.A50.14m130.SFS | HSK-A 50 SFH14 130 2.5G 25000 SL | 14 | 27 | 34 | M10 | 130 | 46 |
| HK0.A50.14m160.SFS | HSK-A 50 SFH14 160 2.5G 25000 SL | 14 | 27 | 34 | M10 | 160 | 46 |
| HK0.A50.16m95.SFS | HSK-A 50 SFH16 095 2.5G 25000 SL | 16 | 27 | 34 | M12 | 95 | 49 |
| HK0.A50.16m120.SFS | HSK-A 50 SFH16 120 2.5G 25000 SL | 16 | 27 | 34 | M12 | 120 | 49 |
| HK0.A50.16m130.SFS | HSK-A 50 SFH16 130 2.5G 25000 SL | 16 | 27 | 34 | M12 | 130 | 49 |
| HK0.A50.16m160.SFS | HSK-A 50 SFH16 160 2.5G 25000 SL | 16 | 27 | 34 | M12 | 160 | 49 |
| HK0.A50.18m95.SFS | HSK-A 50 SFH18 095 2.5G 25000 SL | 18 | 33 | 40 | M12 | 95 | 49 |
| HK0.A50.18m120.SFS | HSK-A 50 SFH18 120 2.5G 25000 SL | 18 | 33 | 40 | M12 | 120 | 49 |
| HK0.A50.18m130.SFS | HSK-A 50 SFH18 130 2.5G 25000 SL | 18 | 33 | 40 | M12 | 130 | 49 |
| HK0.A50.18m160.SFS | HSK-A 50 SFH18 160 2.5G 25000 SL | 18 | 33 | 40 | M12 | 160 | 49 |
| HK0.A50.20m100.SFS | HSK-A 50 SFH20 100 2.5G 25000 SL | 20 | 33 | 40 | M16 | 100 | 51 |
| HK0.A50.20m120.SFS | HSK-A 50 SFH20 120 2.5G 25000 SL | 20 | 33 | 40 | M16 | 120 | 51 |
| HK0.A50.20m130.SFS | HSK-A 50 SFH20 130 2.5G 25000 SL | 20 | 33 | 40 | M16 | 130 | 51 |
| HK0.A50.20m160.SFS | HSK-A 50 SFH20 160 2.5G 25000 SL | 20 | 33 | 40 | M16 | 160 | 51 |

# HSK-A50 (DIN 69893 - 1)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

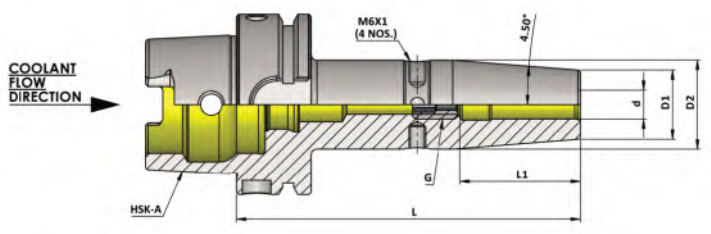
Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**INCH**

| HSK-A50 (DIN 69893-1) (SFH 4.5$^0$ ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.A50.1/8z315.SFS | HSK-A 50 SFH1/8'' 080 2.5G 25000 SL | 1/8" | 0.394" | 0.787" | — | 3.15" | 0.472" |
| HK0.A50.1/8z4724.SFS | HSK-A 50 SFH1/8'' 120 2.5G 25000 SL | 1/8" | 0.394" | 0.787" | — | 4.724" | 0.472" |
| HK0.A50.1/8z5118.SFS | HSK-A 50 SFH1/8'' 130 2.5G 25000 SL | 1/8" | 0.394" | 0.787" | — | 5.118" | 0.472" |
| HK0.A50.1/8z6299.SFS | HSK-A 50 SFH1/8'' 160 2.5G 25000 SL | 1/8" | 0.394" | 0.787" | — | 6.299" | 0.472" |
| HK0.A50.3/16z315.SFS | HSK-A 50 SFH3/16'' 080 2.5G 25000 SL | 3/16" | 0.591" | 0.866" | — | 3.15" | 0.551" |
| HK0.A50.3/16z4724.SFS | HSK-A 50 SFH3/16'' 120 2.5G 25000 SL | 3/16" | 0.591" | 0.866" | — | 4.724" | 0.551" |
| HK0.A50.3/16z5118.SFS | HSK-A 50 SFH3/16'' 130 2.5G 25000 SL | 3/16" | 0.591" | 0.866" | — | 5.118" | 0.551" |
| HK0.A50.3/16z6299.SFS | HSK-A 50 SFH3/16'' 160 2.5G 25000 SL | 3/16" | 0.591" | 0.866" | — | 6.299" | 0.551" |
| HK0.A50.1/4z315.SFS | HSK-A 50 SFH1/4'' 080 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 3.15" | 1.417" |
| HK0.A50.1/4z4724.SFS | HSK-A 50 SFH1/4'' 120 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 4.724" | 1.417" |
| HK0.A50.1/4z5118.SFS | HSK-A 50 SFH1/4'' 130 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 5.118" | 1.417" |
| HK0.A50.1/4z6299.SFS | HSK-A 50 SFH1/4'' 160 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 6.299" | 1.417" |
| HK0.A50.5/16z315.SFS | HSK-A 50 SFH5/16'' 080 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 3.15" | 1.417" |
| HK0.A50.5/16z4724.SFS | HSK-A 50 SFH5/16'' 120 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 4.724" | 1.417" |
| HK0.A50.5/16z5118.SFS | HSK-A 50 SFH5/16'' 130 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 5.118" | 1.417" |
| HK0.A50.5/16z6299.SFS | HSK-A 50 SFH5/16'' 160 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 6.299" | 1.417" |
| HK0.A50.3/8z3346.SFS | HSK-A 50 SFH3/8'' 085 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 3.346" | 1.614" |
| HK0.A50.3/8z4724.SFS | HSK-A 50 SFH3/8'' 120 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 4.724" | 1.614" |
| HK0.A50.3/8z5118.SFS | HSK-A 50 SFH3/8'' 130 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 5.118" | 1.614" |
| HK0.A50.3/8z6299.SFS | HSK-A 50 SFH3/8'' 160 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 6.299" | 1.614" |
| HK0.A50.1/2z3543.SFS | HSK-A 50 SFH1/2'' 090 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 3.543" | 1.811" |
| HK0.A50.1/2z4724.SFS | HSK-A 50 SFH1/2'' 120 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 4.724" | 1.811" |

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

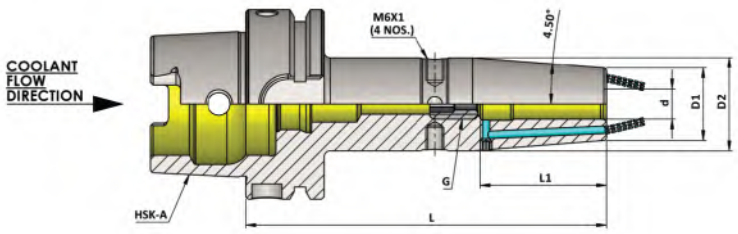



**INCH**

| HSK-A50 (DIN 69893-1) (SFH 4.5$^0$ ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.A50.1/2z5118.SFS | HSK-A 50 SFH1/2'' 130 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 5.118" | 1.811" |
| HK0.A50.1/2z6299.SFS | HSK-A 50 SFH1/2'' 160 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 6.299" | 1.811" |
| HK0.A50.5/8z374.SFS | HSK-A 50 SFH5/8'' 095 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 3.74" | 1.929" |
| HK0.A50.5/8z4724.SFS | HSK-A 50 SFH5/8'' 120 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 4.724" | 1.929" |
| HK0.A50.5/8z5118.SFS | HSK-A 50 SFH5/8'' 130 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 5.118" | 1.929" |
| HK0.A50.5/8z6299.SFS | HSK-A 50 SFH5/8'' 160 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 6.299" | 1.929" |
| HK0.A50.3/4z3937.SFS | HSK-A 50 SFH3/4'' 100 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 3.937" | 2.008" |
| HK0.A50.3/4z4724.SFS | HSK-A 50 SFH3/4'' 120 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 4.724" | 2.008" |
| HK0.A50.3/4z5118.SFS | HSK-A 50 SFH3/4'' 130 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 5.118" | 2.008" |
| HK0.A50.3/4z6299.SFS | HSK-A 50 SFH3/4'' 160 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 6.299" | 2.008" |

# HSK-A50 (DIN 69893 - 1) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

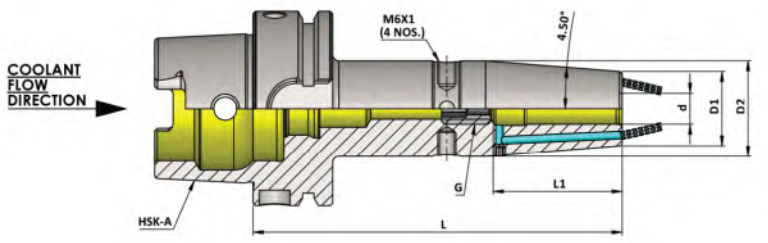



**METRIC**

| HSK-A50 (DIN 69893-1) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.A50.3m80.SFF | HSK-A 50 SFH03 080 FCC 2.5G 25000 SL | 3 | 10 | 20 | — | 80 | 12 |
| HK0.A50.3m120.SFF | HSK-A 50 SFH03 120 FCC 2.5G 25000 SL | 3 | 10 | 20 | — | 120 | 12 |
| HK0.A50.3m130.SFF | HSK-A 50 SFH03 130 FCC 2.5G 25000 SL | 3 | 10 | 20 | — | 130 | 12 |
| HK0.A50.3m160.SFF | HSK-A 50 SFH03 160 FCC 2.5G 25000 SL | 3 | 10 | 20 | — | 160 | 12 |
| HK0.A50.4m80.SFF | HSK-A 50 SFH04 080 FCC 2.5G 25000 SL | 4 | 15 | 22 | — | 80 | 14 |
| HK0.A50.4m120.SFF | HSK-A 50 SFH04 120 FCC 2.5G 25000 SL | 4 | 15 | 22 | — | 120 | 14 |
| HK0.A50.4m130.SFF | HSK-A 50 SFH04 130 FCC 2.5G 25000 SL | 4 | 15 | 22 | — | 130 | 14 |
| HK0.A50.4m160.SFF | HSK-A 50 SFH04 160 FCC 2.5G 25000 SL | 4 | 15 | 22 | — | 160 | 14 |
| HK0.A50.5m80.SFF | HSK-A 50 SFH05 080 FCC 2.5G 25000 SL | 5 | 15 | 22 | — | 80 | 15 |
| HK0.A50.5m120.SFF | HSK-A 50 SFH05 120 FCC 2.5G 25000 SL | 5 | 15 | 22 | — | 120 | 15 |
| HK0.A50.5m130.SFF | HSK-A 50 SFH05 130 FCC 2.5G 25000 SL | 5 | 15 | 22 | — | 130 | 15 |
| HK0.A50.5m160.SFF | HSK-A 50 SFH05 160 FCC 2.5G 25000 SL | 5 | 15 | 22 | — | 160 | 15 |
| HK0.A50.6m80.SFF | HSK-A 50 SFH06 080 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 80 | 36 |
| HK0.A50.6m120.SFF | HSK-A 50 SFH06 120 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 120 | 36 |
| HK0.A50.6m130.SFF | HSK-A 50 SFH06 130 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 130 | 36 |
| HK0.A50.6m160.SFF | HSK-A 50 SFH06 160 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 160 | 36 |
| HK0.A50.8m80.SFF | HSK-A 50 SFH08 080 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 80 | 36 |
| HK0.A50.8m120.SFF | HSK-A 50 SFH08 120 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 120 | 36 |
| HK0.A50.8m130.SFF | HSK-A 50 SFH08 130 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 130 | 36 |
| HK0.A50.8m160.SFF | HSK-A 50 SFH08 160 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 160 | 36 |
| HK0.A50.10m85.SFF | HSK-A 50 SFH10 085 FCC 2.5G 25000 SL | 10 | 24 | 31 | M8 | 85 | 41 |
| HK0.A50.10m120.SFF | HSK-A 50 SFH10 120 FCC 2.5G 25000 SL | 10 | 24 | 31 | M8 | 120 | 41 |
| HK0.A50.10m130.SFF | HSK-A 50 SFH10 130 FCC 2.5G 25000 SL | 10 | 24 | 31 | M8 | 130 | 41 |

# HSK-A50 (DIN 69893 - 1) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

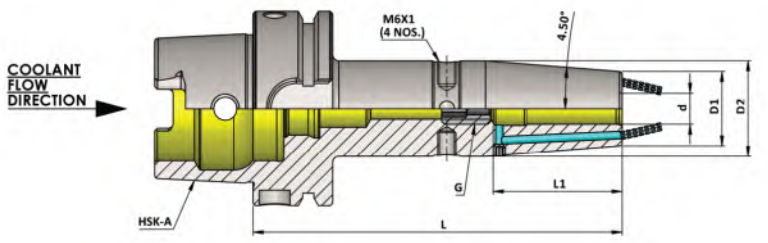



**METRIC**

| HSK-A50 (DIN 69893-1) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.A50.10m160.SFF | HSK-A 50 SFH10 160 FCC 2.5G 25000 SL | 10 | 24 | 31 | M8 | 160 | 41 |
| HK0.A50.12m90.SFF | HSK-A 50 SFH12 090 FCC 2.5G 25000 SL | 12 | 24 | 31 | M10 | 90 | 46 |
| HK0.A50.12m120.SFF | HSK-A 50 SFH12 120 FCC 2.5G 25000 SL | 12 | 24 | 31 | M10 | 120 | 46 |
| HK0.A50.12m130.SFF | HSK-A 50 SFH12 130 FCC 2.5G 25000 SL | 12 | 24 | 31 | M10 | 130 | 46 |
| HK0.A50.12m160.SFF | HSK-A 50 SFH12 160 FCC 2.5G 25000 SL | 12 | 24 | 31 | M10 | 160 | 46 |
| HK0.A50.14m90.SFF | HSK-A 50 SFH14 090 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 90 | 46 |
| HK0.A50.14m120.SFF | HSK-A 50 SFH14 120 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 120 | 46 |
| HK0.A50.14m130.SFF | HSK-A 50 SFH14 130 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 130 | 46 |
| HK0.A50.14m160.SFF | HSK-A 50 SFH14 160 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 160 | 46 |
| HK0.A50.16m95.SFF | HSK-A 50 SFH16 095 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 95 | 49 |
| HK0.A50.16m120.SFF | HSK-A 50 SFH16 120 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 120 | 49 |
| HK0.A50.16m130.SFF | HSK-A 50 SFH16 130 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 130 | 49 |
| HK0.A50.16m160.SFF | HSK-A 50 SFH16 160 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 160 | 49 |
| HK0.A50.18m95.SFF | HSK-A 50 SFH18 095 FCC 2.5G 25000 SL | 18 | 33 | 40 | M12 | 95 | 49 |
| HK0.A50.18m120.SFF | HSK-A 50 SFH18 120 FCC 2.5G 25000 SL | 18 | 33 | 40 | M12 | 120 | 49 |
| HK0.A50.18m130.SFF | HSK-A 50 SFH18 130 FCC 2.5G 25000 SL | 18 | 33 | 40 | M12 | 130 | 49 |
| HK0.A50.18m160.SFF | HSK-A 50 SFH18 160 FCC 2.5G 25000 SL | 18 | 33 | 40 | M12 | 160 | 49 |
| HK0.A50.20m100.SFF | HSK-A 50 SFH20 100 FCC 2.5G 25000 SL | 20 | 33 | 40 | M16 | 100 | 51 |
| HK0.A50.20m120.SFF | HSK-A 50 SFH20 120 FCC 2.5G 25000 SL | 20 | 33 | 40 | M16 | 120 | 51 |
| HK0.A50.20m130.SFF | HSK-A 50 SFH20 130 FCC 2.5G 25000 SL | 20 | 33 | 40 | M16 | 130 | 51 |
| HK0.A50.20m160.SFF | HSK-A 50 SFH20 160 FCC 2.5G 25000 SL | 20 | 33 | 40 | M16 | 160 | 51 |

# HSK-A50 (DIN 69893 - 1) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

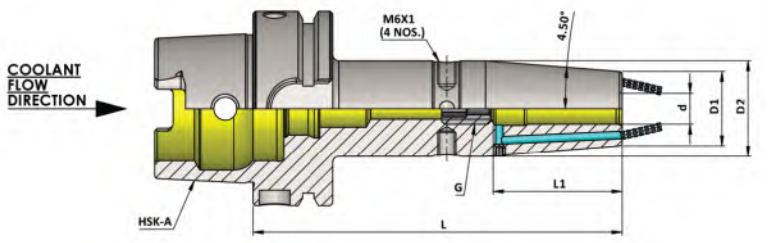



**INCH**

| HSK-A50 (DIN 69893-1) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.A50.1/8z315.SFF | HSK-A 50 SFH1/8'' 080 FCC 2.5G 25000 SL | 1/8" | 0.394" | 0.787" | — | 3.15" | 0.472" |
| HK0.A50.1/8z4724.SFF | HSK-A 50 SFH1/8'' 120 FCC 2.5G 25000 SL | 1/8" | 0.394" | 0.787" | — | 4.724" | 0.472" |
| HK0.A50.1/8z5118.SFF | HSK-A 50 SFH1/8'' 130 FCC 2.5G 25000 SL | 1/8" | 0.394" | 0.787" | — | 5.118" | 0.472" |
| HK0.A50.1/8z6299.SFF | HSK-A 50 SFH1/8'' 160 FCC 2.5G 25000 SL | 1/8" | 0.394" | 0.787" | — | 6.299" | 0.472" |
| HK0.A50.3/16z315.SFF | HSK-A 50 SFH3/16'' 080 FCC 2.5G 25000 SL | 3/16" | 0.591" | 0.866" | — | 3.15" | 0.551" |
| HK0.A50.3/16z4724.SFF | HSK-A 50 SFH3/16'' 120 FCC 2.5G 25000 SL | 3/16" | 0.591" | 0.866" | — | 4.724" | 0.551" |
| HK0.A50.3/16z5118.SFF | HSK-A 50 SFH3/16'' 130 FCC 2.5G 25000 SL | 3/16" | 0.591" | 0.866" | — | 5.118" | 0.551" |
| HK0.A50.3/16z6299.SFF | HSK-A 50 SFH3/16'' 160 FCC 2.5G 25000 SL | 3/16" | 0.591" | 0.866" | — | 6.299" | 0.551" |
| HK0.A50.1/4z315.SFF | HSK-A 50 SFH1/4'' 080 FCC 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 3.15" | 1.417" |
| HK0.A50.1/4z4724.SFF | HSK-A 50 SFH1/4'' 120 FCC 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 4.724" | 1.417" |
| HK0.A50.1/4z5118.SFF | HSK-A 50 SFH1/4'' 130 FCC 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 5.118" | 1.417" |
| HK0.A50.1/4z6299.SFF | HSK-A 50 SFH1/4'' 160 FCC 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 6.299" | 1.417" |
| HK0.A50.5/16z315.SFF | HSK-A 50 SFH5/16'' 080 FCC 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 3.15" | 1.417" |
| HK0.A50.5/16z4724.SFF | HSK-A 50 SFH5/16'' 120 FCC 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 4.724" | 1.417" |
| HK0.A50.5/16z5118.SFF | HSK-A 50 SFH5/16'' 130 FCC 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 5.118" | 1.417" |
| HK0.A50.5/16z6299.SFF | HSK-A 50 SFH5/16'' 160 FCC 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 6.299" | 1.417" |
| HK0.A50.3/8z3346.SFF | HSK-A 50 SFH3/8'' 085 FCC 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 3.346" | 1.614" |
| HK0.A50.3/8z4724.SFF | HSK-A 50 SFH3/8'' 120 FCC 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 4.724" | 1.614" |
| HK0.A50.3/8z5118.SFF | HSK-A 50 SFH3/8'' 130 FCC 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 5.118" | 1.614" |
| HK0.A50.3/8z6299.SFF | HSK-A 50 SFH3/8'' 160 FCC 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 6.299" | 1.614" |

# HSK-A50 (DIN 69893 - 1) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

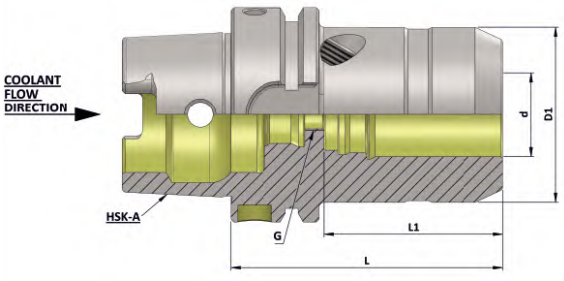
Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**INCH**

| HSK-A50 (DIN 69893-1) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.A50.1/2z3543.SFF | HSK-A 50 SFH1/2'' 090 FCC 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 3.543" | 1.811" |
| HK0.A50.1/2z4724.SFF | HSK-A 50 SFH1/2'' 120 FCC 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 4.724" | 1.811" |
| HK0.A50.1/2z5118.SFF | HSK-A 50 SFH1/2'' 130 FCC 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 5.118" | 1.811" |
| HK0.A50.1/2z6299.SFF | HSK-A 50 SFH1/2'' 160 FCC 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 6.299" | 1.811" |
| HK0.A50.5/8z374.SFF | HSK-A 50 SFH5/8'' 095 FCC 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 3.74" | 1.929" |
| HK0.A50.5/8z4724.SFF | HSK-A 50 SFH5/8'' 120 FCC 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 4.724" | 1.929" |
| HK0.A50.5/8z5118.SFF | HSK-A 50 SFH5/8'' 130 FCC 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 5.118" | 1.929" |
| HK0.A50.5/8z6299.SFF | HSK-A 50 SFH5/8'' 160 FCC 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 6.299" | 1.929" |
| HK0.A50.3/4z3937.SFF | HSK-A 50 SFH3/4'' 100 FCC 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 3.937" | 2.008" |
| HK0.A50.3/4z4724.SFF | HSK-A 50 SFH3/4'' 120 FCC 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 4.724" | 2.008" |
| HK0.A50.3/4z5118.SFF | HSK-A 50 SFH3/4'' 130 FCC 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 5.118" | 2.008" |
| HK0.A50.3/4z6299.SFF | HSK-A 50 SFH3/4'' 160 FCC 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 6.299" | 2.008" |

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

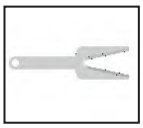
| HSK-A50 (DIN 69893-1) Hydraulic Expansion Chuck | | | | | | |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 |
| HK0.A50.12m85.HCS | HSK-A50HC12S0852.5G25000SL | 12 | 42 | M10 | 85 | 40 |
| HK0.A50.20m90.HCS | HSK-A50HC20S0902.5G25000SL | 20 | 50 | M8 | 90 | 42 |

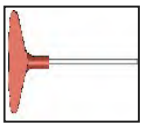
**INCH**

| HSK-A50 (DIN 69893-1) Hydraulic Expansion Chuck | | | | | | |
|---|---|---|---|---|---|---|
| Product Code | Item Name | d | D1 | G | L | L1 |
| HK0.A50.1/2z3346.HCS | HSK-A50HC1/2''S0852.5G25000SL | 1/2" | 1.654" | M10 | 3.346" | 1.575" |
| HK0.A50.3/4z3543.HCS | HSK-A50HC3/4''S0902.5G25000SL | 3/4" | 1.969" | M8 | 3.543" | 1.654" |

## Accessories:

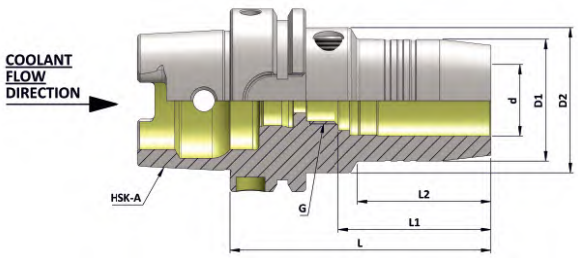

REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

# HSK-A50 (DIN 69893-1)
# Form A Hydraulic Expansion Chuck

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

**HSK-A50 (DIN 69893-1) Hydraulic Expansion Chuck**

| Product Code | Item Name | d | D1 | D2 | G | L | L1 | L2 |
|---|---|---|---|---|---|---|---|---|
| HK0.A50.6m70.HCS | HSK-A 50 HC06 070 2.5G 25000 SL | 6 | 26 | 40 | M5 | 70 | 37 | 28 |
| HK0.A50.8m70.HCS | HSK-A 50 HC08 070 2.5G 25000 SL | 8 | 28 | 40 | M6 | 70 | 37 | 28 |
| HK0.A50.10m75.HCS | HSK-A 50 HC10 075 2.5G 25000 SL | 10 | 30 | 40 | M8 | 75 | 41 | 34 |
| HK0.A50.12m85.HCS | HSK-A 50 HC12 085 2.5G 25000 SL | 12 | 32 | 40 | M10 | 85 | 46 | 44 |
| HK0.A50.14m85.HCS | HSK-A 50 HC14 085 2.5G 25000 SL | 14 | 34 | 40 | M10 | 85 | 46 | 44 |
| HK0.A50.16m90.HCS | HSK-A 50 HC16 090 2.5G 25000 SL | 16 | 38 | 53 | M12 | 90 | 49 | 30 |
| HK0.A50.18m90.HCS | HSK-A 50 HC18 090 2.5G 25000 SL | 18 | 40 | 53 | M12 | 90 | 49 | 30 |
| HK0.A50.20m90.HCS | HSK-A 50 HC20 090 2.5G 25000 SL | 20 | 42 | 57 | M16 | 90 | 51 | 29 |

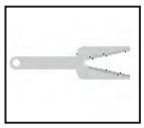
**INCH**

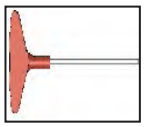
**HSK-A50 (DIN 69893-1) Hydraulic Expansion Chuck**

| Product Code | Item Name | d | D1 | D2 | G | L | L1 | L2 |
|---|---|---|---|---|---|---|---|---|
| HK0.A50.1/4z2756.HCS | HSK-A 50 HC1/4'' 070 2.5G 25000 SL | 1/4" | 1.024" | 1.575" | M5 | 2.756" | 1.457" | 1.102" |
| HK0.A50.5/16z2756.HCS | HSK-A 50 HC5/16'' 070 2.5G 25000 SL | 5/16" | 1.102" | 1.575" | M6 | 2.756" | 1.457" | 1.102" |
| HK0.A50.3/8z2953.HCS | HSK-A 50 HC3/8'' 075 2.5G 25000 SL | 3/8" | 1.181" | 1.575" | M8 | 2.953" | 1.614" | 1.339" |
| HK0.A50.1/2z3346.HCS | HSK-A 50 HC1/2'' 085 2.5G 25000 SL | 1/2" | 1.26" | 1.575" | M10 | 3.346" | 1.811" | 1.732" |
| HK0.A50.5/8z3543.HCS | HSK-A 50 HC5/8'' 090 2.5G 25000 SL | 5/8" | 1.496" | 2.087" | M12 | 3.543" | 1.929" | 1.181" |
| HK0.A50.3/4z3543.HCS | HSK-A 50 HC3/4'' 090 2.5G 25000 SL | 3/4" | 1.654" | 2.244" | M16 | 3.543" | 2.008" | 1.142" |

## Accessories:

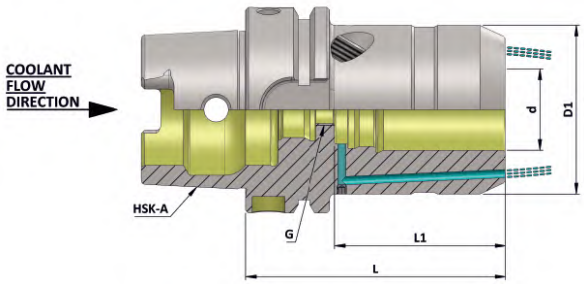

REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

HEAVY DUTY

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

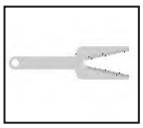
| HSK-A50 (DIN 69893-1) Hydraulic Expansion Chuck (FCC) | | | | | | |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 |
| HK0.A50.12m85.HDF | HSK-A50HC12S085FCC2.5G25000SL | 12 | 42 | M10 | 85 | 40 |
| HK0.A50.20m90.HDF | HSK-A50HC20S090FCC2.5G25000SL | 20 | 50 | M8 | 90 | 42 |

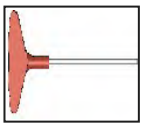
**INCH**

| HSK-A50 (DIN 69893-1) Hydraulic Expansion Chuck (FCC) | | | | | | |
|---|---|---|---|---|---|---|
| Product Code | Item Name | d | D1 | G | L | L1 |
| HK0.A50.1/2z3346.HDF | HSK-A50HC1/2''S085FCC2.5G25000SL | 1/2" | 1.654" | M10 | 3.346" | 1.575" |
| HK0.A50.3/4z3543.HDF | HSK-A50HC3/4''S090FCC2.5G25000SL | 3/4" | 1.969" | M8 | 3.543" | 1.654" |

## Accessories:

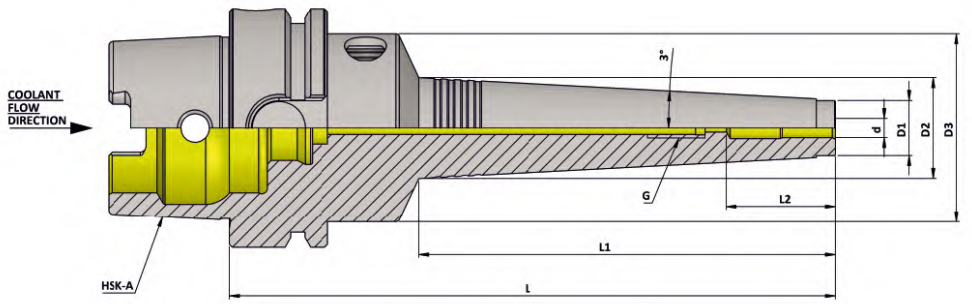

REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

# HSK-A50 (DIN 69893-1) Form A
# Hydraulic Expansion Chuck Slim 3 Degree

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

**HSK-A50 (DIN 69893-1) Hydraulic Expansion Chuck Slim 3 Degree**

| Product Code | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 |
|---|---|---|---|---|---|---|---|---|---|
| HK0.A50.3m95.HC3 | HSK-A50HC03095SLIM2.5G25000SL | 3 | 11 | 14.0 | 46 | M2.5 | 95 | 28 | 28 |
| HK0.A50.3m105.HC3 | HSK-A50HC03105SLIM2.5G25000SL | 3 | 11 | 14.9 | 46 | M2.5 | 105 | 37 | 28 |
| HK0.A50.3m150.HC3 | HSK-A50HC03150SLIM2.5G25000SL | 3 | 11 | 19.9 | 46 | M2.5 | 150 | 84 | 28 |
| HK0.A50.4m95.HC3 | HSK-A50HC04095SLIM2.5G25000SL | 4 | 11 | 14.0 | 46 | M2.5 | 95 | 28 | 28 |
| HK0.A50.4m105.HC3 | HSK-A50HC04105SLIM2.5G25000SL | 4 | 11 | 14.9 | 46 | M2.5 | 105 | 37 | 28 |
| HK0.A50.4m150.HC3 | HSK-A50HC04150SLIM2.5G25000SL | 4 | 11 | 19.9 | 46 | M2.5 | 150 | 84 | 28 |
| HK0.A50.5m95.HC3 | HSK-A50HC05095SLIM2.5G25000SL | 5 | 12 | 14.9 | 46 | M2.5 | 95 | 28 | 28 |
| HK0.A50.5m105.HC3 | HSK-A50HC05105SLIM2.5G25000SL | 5 | 12 | 15.9 | 46 | M2.5 | 105 | 37 | 28 |
| HK0.A50.5m150.HC3 | HSK-A50HC05150SLIM2.5G25000SL | 5 | 12 | 20.8 | 46 | M2.5 | 150 | 84 | 28 |
| HK0.A50.6m105.HC3 | HSK-A50HC06105SLIM2.5G25000SL | 6 | 13 | 17.0 | 46 | M5 | 105 | 38 | 37 |
| HK0.A50.6m150.HC3 | HSK-A50HC06150SLIM2.5G25000SL | 6 | 13 | 21.9 | 46 | M5 | 150 | 84 | 37 |
| HK0.A50.6m165.HC3 | HSK-A50HC06165SLIM2.5G25000SL | 6 | 13 | 23.4 | 46 | M5 | 165 | 99 | 37 |
| HK0.A50.6m180.HC3 | HSK-A50HC06180SLIM2.5G25000SL | 6 | 13 | 25.0 | 46 | M5 | 180 | 114 | 37 |
| HK0.A50.8m105.HC3 | HSK-A50HC08105SLIM2.5G25000SL | 8 | 15 | 19.0 | 46 | M6 | 105 | 38 | 37 |
| HK0.A50.8m150.HC3 | HSK-A50HC08150SLIM2.5G25000SL | 8 | 15 | 23.9 | 46 | M6 | 150 | 84 | 37 |
| HK0.A50.8m165.HC3 | HSK-A50HC08165SLIM2.5G25000SL | 8 | 15 | 25.4 | 46 | M6 | 165 | 99 | 37 |
| HK0.A50.8m180.HC3 | HSK-A50HC08180SLIM2.5G25000SL | 8 | 15 | 27.0 | 46 | M6 | 180 | 114 | 37 |
| HK0.A50.10m120.HC3 | HSK-A50HC10120SLIM2.5G25000SL | 10 | 17 | 22.6 | 46 | M8 | 120 | 53 | 41 |
| HK0.A50.10m150.HC3 | HSK-A50HC10150SLIM2.5G25000SL | 10 | 17 | 25.9 | 46 | M8 | 150 | 84 | 41 |
| HK0.A50.10m165.HC3 | HSK-A50HC10165SLIM2.5G25000SL | 10 | 17 | 27.4 | 46 | M8 | 165 | 99 | 41 |
| HK0.A50.10m180.HC3 | HSK-A50HC10180SLIM2.5G25000SL | 10 | 17 | 29.0 | 46 | M8 | 180 | 114 | 41 |
| HK0.A50.12m120.HC3 | HSK-A50HC12120SLIM2.5G25000SL | 12 | 19 | 24.6 | 46 | M10 | 120 | 53 | 46 |
| HK0.A50.12m150.HC3 | HSK-A50HC12150SLIM2.5G25000SL | 12 | 19 | 27.9 | 46 | M10 | 150 | 84 | 46 |
| HK0.A50.12m165.HC3 | HSK-A50HC12165SLIM2.5G25000SL | 12 | 19 | 29.4 | 46 | M10 | 165 | 99 | 46 |
| HK0.A50.12m180.HC3 | HSK-A50HC12180SLIM2.5G25000SL | 12 | 19 | 31.0 | 46 | M10 | 180 | 114 | 46 |

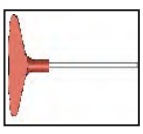
## Accessories:



REDUCTION SLEEVE SEAL



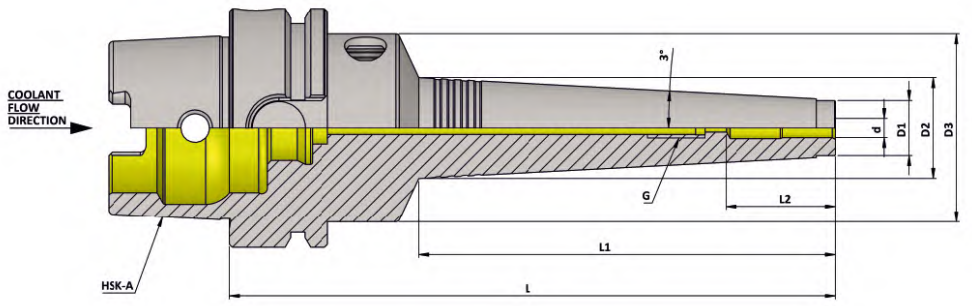
SPANNER HC



KEY HC 5MM

# HSK-A50 (DIN 69893-1) Form A
# Hydraulic Expansion Chuck Slim 3 Degree

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

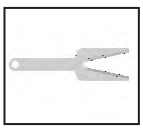


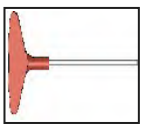

**INCH**

| HSK-A50 (DIN 69893-1) Hydraulic Expansion Chuck Slim 3 Degree | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Product Code | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 |
| HK0.A50.1/8z374.HC3 | HSK-A 50 HC1/8'' 095 SLIM 2.5G 25000SL | 1/8'' | 0.433" | 0.551" | 1.811" | M2.5 | 3.74" | 1.102" | 1.102" |
| HK0.A50.1/8z4134.HC3 | HSK-A 50 HC1/8'' 105 SLIM 2.5G 25000SL | 1/8'' | 0.433" | 0.587" | 1.811" | M2.5 | 4.134" | 1.457" | 1.102" |
| HK0.A50.1/8z5906.HC3 | HSK-A 50 HC1/8'' 150 SLIM 2.5G 25000SL | 1/8'' | 0.433" | 0.783" | 1.811" | M2.5 | 5.906" | 3.307" | 1.102" |
| HK0.A50.3/16z374.HC3 | HSK-A50 HC3/16'' 095 SLIM 2.5G 25000SL | 3/16'' | 0.433" | 0.551" | 1.811" | M2.5 | 3.74" | 1.102" | 1.102" |
| HK0.A50.3/16z4134.HC3 | HSK-A50 HC3/16'' 105 SLIM 2.5G 25000SL | 3/16'' | 0.433" | 0.587" | 1.811" | M2.5 | 4.134" | 1.457" | 1.102" |
| HK0.A50.3/16z5906.HC3 | HSK-A50 HC3/16'' 150 SLIM 2.5G 25000SL | 3/16'' | 0.433" | 0.783" | 1.811" | M2.5 | 5.906" | 3.307" | 1.102" |
| HK0.A50.1/4z4134.HC3 | HSK-A 50 HC1/4'' 105 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 0.669" | 1.811" | M5 | 4.134" | 1.496" | 1.457" |
| HK0.A50.1/4z5906.HC3 | HSK-A 50 HC1/4'' 150 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 0.862" | 1.811" | M5 | 5.906" | 3.307" | 1.457" |
| HK0.A50.1/4z6496.HC3 | HSK-A 50 HC1/4'' 165 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 0.921" | 1.811" | M5 | 6.496" | 3.898" | 1.457" |
| HK0.A50.1/4z7087.HC3 | HSK-A 50 HC1/4'' 180 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 0.984" | 1.811" | M5 | 7.087" | 4.488" | 1.457" |
| HK0.A50.5/16z4134.HC3 | HSK-A50 HC5/16'' 105 SLIM 2.5G 25000SL | 5/16'' | 0.591" | 0.748" | 1.811" | M6 | 4.134" | 1.496" | 1.457" |
| HK0.A50.5/16z5906.HC3 | HSK-A50 HC5/16'' 150 SLIM 2.5G 25000SL | 5/16'' | 0.591" | 0.941" | 1.811" | M6 | 5.906" | 3.307" | 1.457" |
| HK0.A50.5/16z6496.HC3 | HSK-A50 HC5/16'' 165 SLIM 2.5G 25000SL | 5/16'' | 0.591" | 1." | 1.811" | M6 | 6.496" | 3.898" | 1.457" |
| HK0.A50.5/16z7087.HC3 | HSK-A50 HC5/16'' 180 SLIM 2.5G 25000SL | 5/16'' | 0.591" | 1.063" | 1.811" | M6 | 7.087" | 4.488" | 1.457" |
| HK0.A50.3/8z4724.HC3 | HSK-A 50 HC3/8'' 120 SLIM 2.5G 25000SL | 3/8'' | 0.669" | 0.89" | 1.811" | M8 | 4.724" | 2.087" | 1.614" |
| HK0.A50.3/8z5906.HC3 | HSK-A 50 HC3/8'' 150 SLIM 2.5G 25000SL | 3/8'' | 0.669" | 1.02" | 1.811" | M8 | 5.906" | 3.307" | 1.614" |
| HK0.A50.3/8z6496.HC3 | HSK-A 50 HC3/8'' 165 SLIM 2.5G 25000SL | 3/8'' | 0.669" | 1.079" | 1.811" | M8 | 6.496" | 3.898" | 1.614" |
| HK0.A50.3/8z7087.HC3 | HSK-A 50 HC3/8'' 180 SLIM 2.5G 25000SL | 3/8'' | 0.669" | 1.142" | 1.811" | M8 | 7.087" | 4.488" | 1.614" |
| HK0.A50.1/2z4724.HC3 | HSK-A 50 HC1/2'' 120 SLIM 2.5G 25000SL | 1/2'' | 0.748" | 0.969" | 1.811" | M10 | 4.724" | 2.087" | 1.811" |
| HK0.A50.1/2z5906.HC3 | HSK-A 50 HC1/2'' 150 SLIM 2.5G 25000SL | 1/2'' | 0.748" | 1.098" | 1.811" | M10 | 5.906" | 3.307" | 1.811" |
| HK0.A50.1/2z6496.HC3 | HSK-A 50 HC1/2'' 165 SLIM 2.5G 25000SL | 1/2'' | 0.748" | 1.157" | 1.811" | M10 | 6.496" | 3.898" | 1.811" |
| HK0.A50.1/2z7087.HC3 | HSK-A 50 HC1/2'' 180 SLIM 2.5G 25000SL | 1/2'' | 0.748" | 1.22" | 1.811" | M10 | 7.087" | 4.488" | 1.811" |

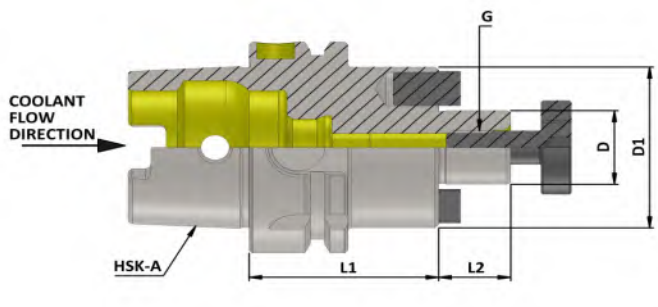
## Accessories:


REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied



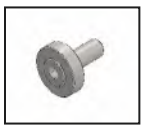

**METRIC**

| HSK-A50 (DIN 69893-1) FMH | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.A50.16m50.FMS | HSK-A50FMH160502.5G25000SLSP.S | 16 | 38 | 50 | 17 | M8 X 1.25P |
| HK0.A50.22m60.FMS | HSK-A50FMH220602.5G25000SLSP.S | 22 | 48 | 60 | 19 | M10 X 1.5P |
| HK0.A50.27m60.FMS | HSK-A50FMH270602.5G25000SLSP.S | 27 | 58 | 60 | 21 | M12 X 1.75P |
| HK0.A50.32m60.FMS | HSK-A50FMH320602.5G25000SLSP.S | 32 | 78 | 60 | 24 | M16 X 2P |

**INCH**

| HSK-A50 (DIN 69893-1) FMH | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| Product Code | Item Name | D | D1 | L1 | L2 | G |
| HK0.A50.1z2362.FMS | HSK-A 50 FMH 1.0'' 060 2.5G 25000 SL | 1.0" | 2.375" | 2.362" | 0.687" | 1/2" - 20 UNF - 2B x 1 1/4" |

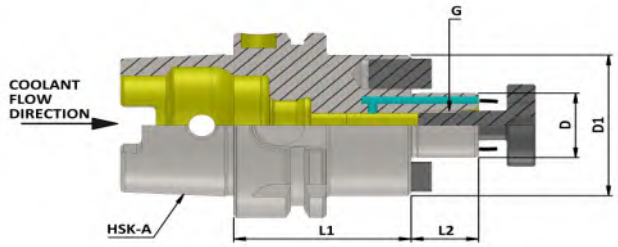
## Accessories:



FMH / CSMA
CLAMPING
SCREW

# HSK-A63 (DIN 69893-1) Face Mill Holder (Through Coolant) (DIN 6357) FMH - K

Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied



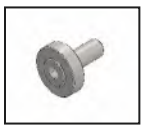

**METRIC**

| HSK-A50 (DIN 69893-1) FMH -K | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.A50.16m50.FMK | HSK-A 50 FMH-K16 050 2.5G 25000 SL SP.S | 16 | 38 | 50 | 17 | M8 X 1.25P |
| HK0.A50.22m60.FMK | HSK-A 50 FMH-K22 060 2.5G 25000 SL SP.S | 22 | 48 | 60 | 19 | M10 X 1.5P |
| HK0.A50.27m60.FMK | HSK-A 50 FMH-K27 060 2.5G 25000 SL SP.S | 27 | 58 | 60 | 21 | M12 X 1.75P |
| HK0.A50.32m60.FMK | HSK-A 50 FMH-K32 060 2.5G 25000 SL SP.S | 32 | 78 | 60 | 24 | M16 X 2P |

**INCH**

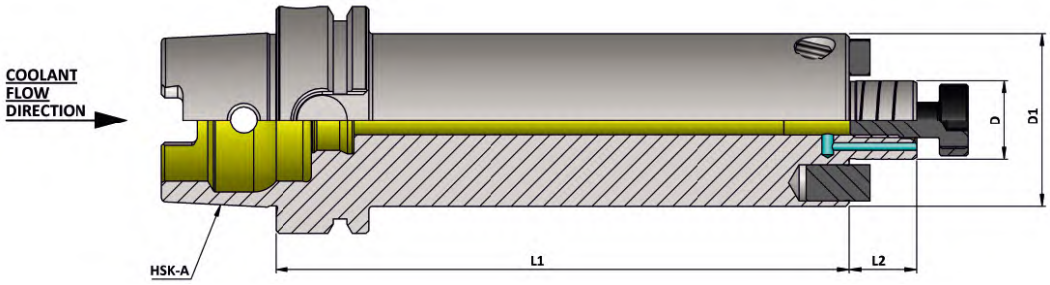
| HSK-A50 (DIN 69893-1) FMH -K | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| Product Code | Item Name | D | D1 | L1 | L2 | G |
| HK0.A50.1z2362.FMK | HSK-A 50 FMH-K1.0'' 060 2.5G 25000 SL | 1.0" | 2.375" | 2.362" | 0.687" | 1/2" - 20 UNF - 2B x 1 1/4" |

## Accessories:



FMH / CSMA CLAMPING SCREW

Maximum Run out of the External diameter with respect to the External Taper 0.005 mm



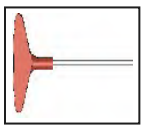

**METRIC**

| HSK-A50 (DIN 69893-1) Hydraulic Expansion Face Mill Holder (HC-FMH-K) | | | | | |
|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 |
| HK0.A50.22m60.FMH | HSK-A 50 HC FMH-K22 060 2.5G 25000 SL | 22 | 48 | 60 | 19 |
| HK0.A50.27m60.FMH | HSK-A 50 HC FMH-K27 060 2.5G 25000 SL | 27 | 50 | 60 | 21 |

**INCH**

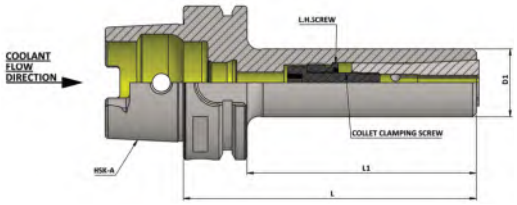
| HSK-A50 (DIN 69893-1) Hydraulic Expansion Face Mill Holder (HC-FMH-K) | | | | | |
|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 |
| HK0.A50.1z60.FMH | HSK-A 50 HC FMH-K1.0'' 060 2.5G 25000 SL | 1.0'' | 2.375" | 60 | 0.687" |

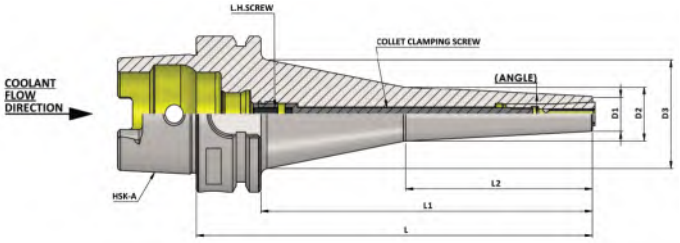
## Accessories:



KEY HC 5MM

Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm



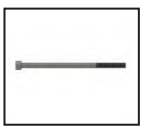



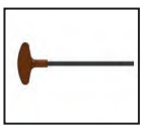

**METRIC**

| HSK-A50 (DIN 69893 - 1) (DMC) | | | | | | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | GRIPPING RANGE | D1 | D2 | D3 | L | L1 | L2 | ANGLE | SUITABLE COLLET | SCREW | ALLEN KEY |
| HK0.A50.14m75.DMC | HSK-A 50 DMC 06 075 2.5G 25000 SL | 3-6 | 14 | 17.6 | – | 75 | 49 | 34 | 3 | DMC-6 | M5 | 4X200 |

## Accessories:

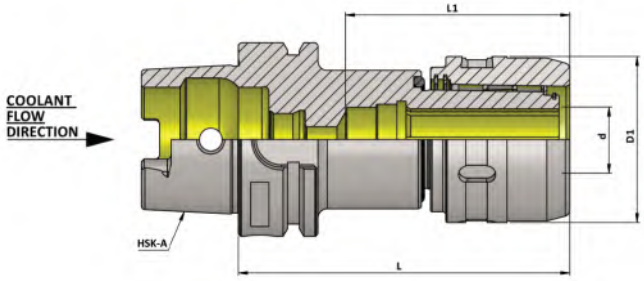

DMC COLLET


DMC ALLEN CAP SCREW


DMC ALLEN KEY


DMC LH SCREW

Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm




**METRIC**

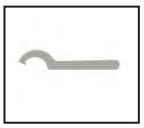
| HSK-A50 (DIN 69893 - 1) (PMC) | | | | | (Balanced to 6.3G 20000 RPM) |
|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | L | L1 |
| HK0.A50.20m100.PMC.AD | HSK-A 50 C20 100 AD/6.3G 20000 SL | 20 | 54 | 100 | 70 |

**INCH**

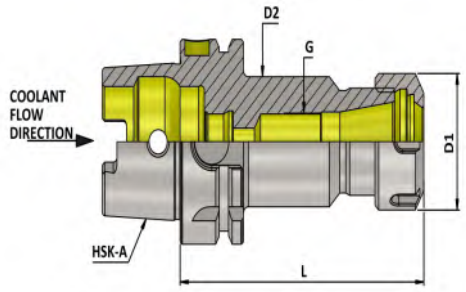
| HSK-A50 (DIN 69893 - 1) (PMC) | | | | | (Balanced to 6.3G 20000 RPM) |
|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | L | L1 |
| HK0.A50.3/4z3937.PMC.AD | HSK-A 50 C 3/4'' 100 AD/6.3G 20000 SL | 3/4" | 2.126" | 3.937" | 2.756" |

## Accessories:


RS SEAL SLEEVE


POWER CHUCK SPANNER

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-A50 32 (DIN 69893 - 1) Collet Chuck ER | | | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Suitable Collet | Collet Capacity | D1 | D2 | G | L | Nut | Spanner |
| HK0.A50.32m60.ERS | HSK-A 50 ER 16 060 2.5G 25000 SL | ER 16 | 0.5-10 | 32 | - | M10x1 | 60 | UM/ER 16 | E16 |
| HK0.A50.32m100.ERS | HSK-A 50 ER 16 100 2.5G 25000 SL | ER 16 | 0.5-10 | 32 | 28 | M10x1 | 100 | UM/ER 16 | E16 |
| HK0.A50.35m100.ERS | HSK-A 50 ER 20 100 2.5G 25000 SL | ER 20 | 1.0-13 | 35 | 33 | M10x1 | 100 | UM/ER 20 | E20 |
| HK0.A50.42m70.ERS | HSK-A 50 ER 25 070 2.5G 25000 SL | ER 25 | 1.0-16 | 42 | - | M18x1 | 70 | UM/ER 25 | E25 |
| HK0.A50.42m100.ERS | HSK-A 50 ER 25 100 2.5G 25000 SL | ER 25 | 1.0-16 | 42 | - | M18x1 | 100 | UM/ER 25 | E25 |
| HK0.A50.50m80.ERS | HSK-A 50 ER 32 080 2.5G 25000 SL | ER 32 | 2.0-20 | 50 | - | M22X1.5 | 80 | UM/ER 32 | E32 |
| HK0.A50.50m100.ERS | HSK-A 50 ER 32 100 2.5G 25000 SL | ER 32 | 2.0-20 | 50 | - | M22X1.5 | 100 | UM/ER 32 | E32 |
| HK0.A50.63m80.ERS | HSK-A 50 ER 40 080 2.5G 25000 SL | ER 40 | 3.0-26 | 63 | - | M30x1.5 | 80 | UM/ER 40 | E40 |

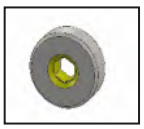
## Accessories:


ER COLLET (DIN 6499)

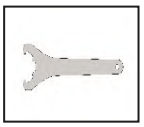

TAP COLLET ER-G


QC TAP COLLET QCTC


ER NUT

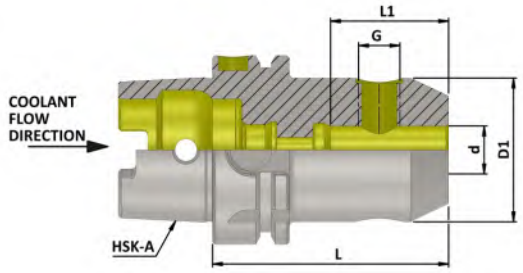

ER STOPPER SCREW


SEALING DISC


SPANNER E

# HSK-A50 (DIN 69893 -1) Weldon Type
# End Mill Holder (DIN 1835 B) (WE) (DIN 6359)

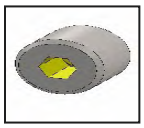
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-A50 (DIN 69893 - 1) (WE) | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.A50.6m65.WHS | HSK-A 50 WE06 065 2.5G 25000 SL | 6 | 25 | M6 | 65 | 34 | 1 |
| HK0.A50.8m65.WHS | HSK-A 50 WE08 065 2.5G 25000 SL | 8 | 28 | M8 | 65 | 34 | 1 |
| HK0.A50.10m65.WHS | HSK-A 50 WE10 065 2.5G 25000 SL | 10 | 35 | M10 | 65 | 40 | 1 |
| HK0.A50.12m80.WHS | HSK-A 50 WE12 080 2.5G 25000 SL | 12 | 42 | M12 | 80 | 46 | 1 |
| HK0.A50.14m80.WHS | HSK-A 50 WE14 080 2.5G 25000 SL | 14 | 44 | M12 | 80 | 46 | 1 |
| HK0.A50.16m80.WHS | HSK-A 50 WE16 080 2.5G 25000 SL | 16 | 48 | M14 | 80 | 48 | 1 |
| HK0.A50.18m80.WHS | HSK-A 50 WE18 080 2.5G 25000 SL | 18 | 50 | M14 | 80 | 48 | 1 |
| HK0.A50.20m80.WHS | HSK-A 50 WE20 080 2.5G 25000 SL | 20 | 52 | M16 | 80 | 52 | 1 |

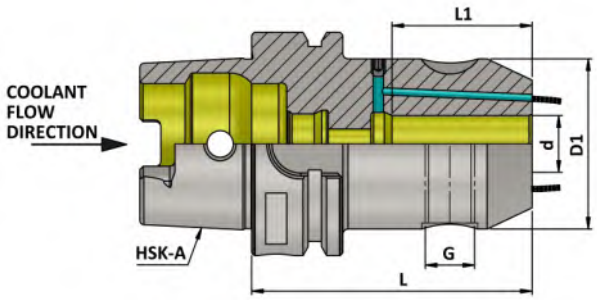
## Accessories:



LOCKING
SCREW SLA

# HSK A50 (DIN 69893-1) Weldon Type End Mill Holder (DIN 1835 B) (Face Coolant Channel) (WE : FCC) (DIN 6359)

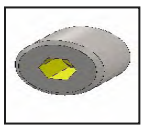
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

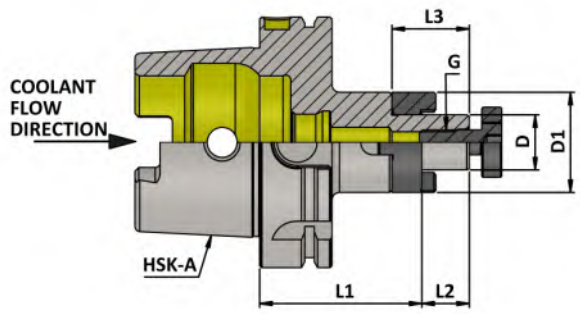
| HSK A50 (DIN 69893 - 1) (WE : FCC) | | | | | | | (Balanced 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.A50.6m65.WHF | HSK-A50WE06065FCC2.5G25000SL | 6 | 25 | M6 | 65 | 34 | 1 |
| HK0.A50.8m65.WHF | HSK-A50WE08065FCC2.5G25000SL | 8 | 28 | M8 | 65 | 34 | 1 |
| HK0.A50.10m65.WHF | HSK-A50WE10065FCC2.5G25000SL | 10 | 35 | M10 | 65 | 40 | 1 |
| HK0.A50.12m80.WHF | HSK-A50WE12080FCC2.5G25000SL | 12 | 42 | M12 | 80 | 46 | 1 |
| HK0.A50.14m80.WHF | HSK-A50WE14080FCC2.5G25000SL | 14 | 44 | M12 | 80 | 46 | 1 |
| HK0.A50.16m80.WHF | HSK-A50WE16080FCC2.5G25000SL | 16 | 48 | M14 | 80 | 48 | 1 |
| HK0.A50.18m80.WHF | HSK-A50WE18080FCC2.5G25000SL | 18 | 50 | M14 | 80 | 48 | 1 |
| HK0.A50.20m80.WHF | HSK-A50WE20080FCC2.5G25000SL | 20 | 52 | M16 | 80 | 52 | 1 |

## Accessories:



LOCKING
SCREW SLA

Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied

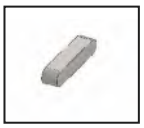


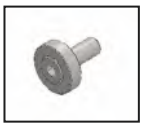

**METRIC**

| HSK-A50 (DIN 69893-1) CSMA (AD) (JD) | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | L3 | G |
| HK0.A50.16m50.CSA | HSK-A 50 CSMA16 050 2.5G 25000 SL SP.S | 16 | 32 | 50 | 17 | 27 | M8 |
| HK0.A50.22m55.CSA | HSK-A 50 CSMA22 055 2.5G 25000 SL SP.S | 22 | 40 | 55 | 19 | 31 | M10 |
| HK0.A50.27m65.CSA | HSK-A 50 CSMA27 065 2.5G 25000 SL SP.S | 27 | 48 | 65 | 21 | 33 | M12 |
| HK0.A50.32m65.CSA | HSK-A 50 CSMA32 065 2.5G 25000 SL SP.S | 32 | 58 | 65 | 24 | 38 | M16 |

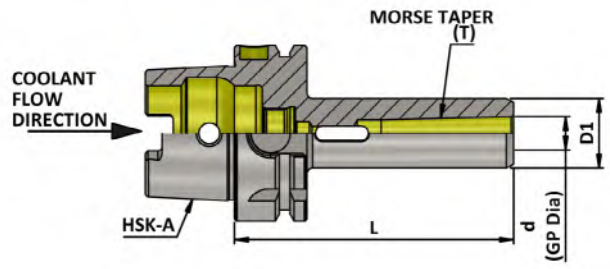
## Accessories:


CSMA DRIVER RING


CSMA KEY

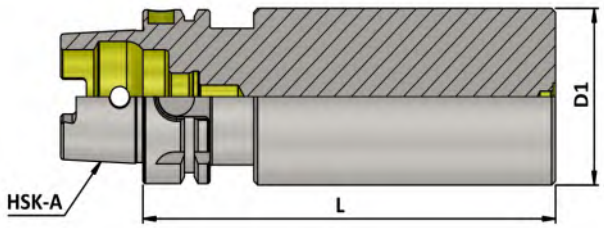

FMH / CSMA CLAMPING SCREW

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied




**METRIC**

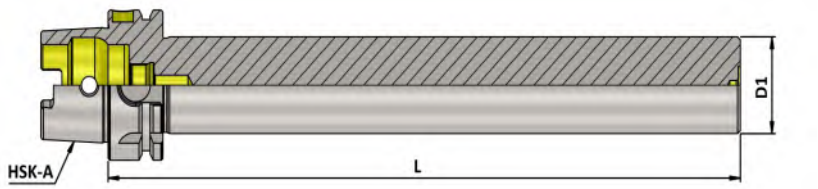
| HSK-A50 (DIN 69893-1) MTA | | | | | (Balanced to 6.3 G 20000 RPM) |
|---|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **Morse Taper(T)** | **d (GP)** | **D1** | **L** |
| HK0.A50.12065m100.MTA | HSK-A 50 MT01 100 6.3G 20000 SL | 1 | 12.065 | 25 | 100 |
| HK0.A50.17780m115.MTA | HSK-A 50 MT02 115 6.3G 20000 SL | 2 | 17.780 | 32 | 115 |
| HK0.A50.23825m135.MTA | HSK-A 50 MT03 135 6.3G 20000 SL | 3 | 23.825 | 40 | 135 |




METRIC

| HSK-A50 (DIN 69893-1)Boring Bar Blank | | | |
|---|---|---|---|
| PRODUCT CODE | Item Name | D1 | L |
| HK0.A50.50m150.BBB | HSK-A 50 BORING BAR BLANK DIA 50.0 L 150 | 50 | 150 |
| HK0.A50.52m200.BBB | HSK-A 50 BORING BAR BLANK DIA 52.0 L 200 | 52 | 200 |
| HK0.A50.62m200.BBB | HSK-A 50 BORING BAR BLANK DIA 62.0 L 200 | 62 | 200 |
| HK0.A50.75m70.BBB | HSK-A 50 BORING BAR BLANK DIA 75.0 L 070 | 75 | 70 |

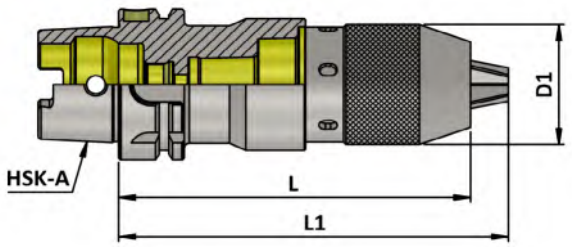
Maximum Run out of the External diameter with respect to the External Taper 0.003 mm




**METRIC**

| HSK-A50 (DIN 69893-1) Master Mandrell | | | (Sub Zero Treated) |
|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D1** | **L** |
| HK0.A50.32m200.MML | HSK-A 50 MASTER MANDRELL DIA 32 L 200 | 32 | 200 |
| HK0.A50.40m250.MML | HSK-A 50 MASTER MANDRELL DIA 40 L 250 | 40 | 250 |

Maximum Run out on the Mandrell with respect to the External Taper 0.050 mm as supplied




**METRIC**

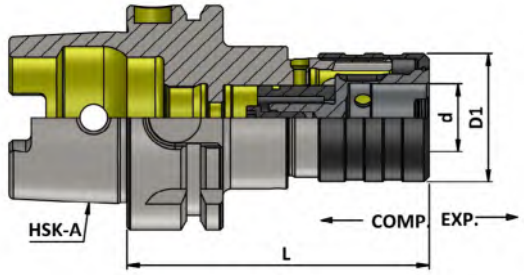
| HSK-A50 (DIN 69893 - 1) (NCDC) | | | | |
|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D1** | **L** | **L1** |
| HK0.A50.50m137.NDC | HSK-A 50 NCDC 113 137 | 50 | 137 | 149.5 |

## Accessories:



SPANNER
NCDC

# HSK-A50 (DIN 69893-1)
# Quick Change Tapping Chuck (KWFLK)




**METRIC**

| HSK-A50 (DIN 69893-1) (KWFLK) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Capacity | Suitable Adaptor | Compr. | Expan. | d | D1 | L |
| HK0.A50.19m76.QCC | HSK-A 50 KWFLK1 76.0 | M3-M12 | KWES1B | 7.5 | 7.5 | 19 | 36 | 76 |
| HK0.A50.31m123.QCC | HSK-A 50 KWFLK2 123.0 | M6-M20 | KWES2B | 12.5 | 12.5 | 31 | 53 | 123 |

## Accessories:

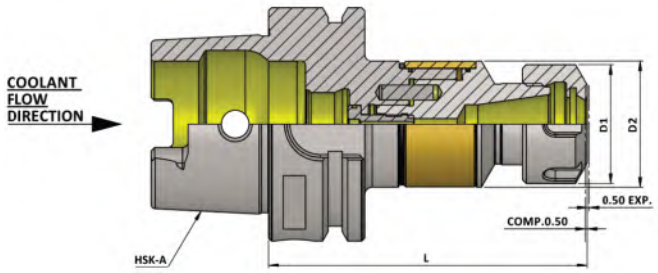

TAP ADAPTOR KWES


TAP ADAPTOR KWESK B


TAP ADAPTOR REDUCTION SOCKET(KWRE)

# HSK-A50 (DIN 69893-1) Minimum Length Compensation Tapping Chuck (MLC)

Maximum Run out of the Internal Taper with respect to the External Taper 0.020 mm

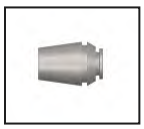



**METRIC**

**HSK-A50 (DIN 69893 - 1) (MLC)**

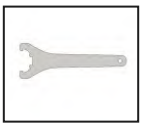
| PRODUCT CODE | ITEM NAME | TAPPING RANGE | CLAMPING RANGE | NUT SIZE | D1 | D2 | L | COMP. | EXP. |
|---|---|---|---|---|---|---|---|---|---|
| HK0.A50.16m90.MLC | HSK-A50ER11M095MLC | M2-M8 | 2.5-6 | ER11M | 16 | 32.5 | 90 | 0.4 | 0.4 |
| HK0.A50.22m89.MLC | HSK-A50ER16M089MLC | M3-M12 | 3.5-10 | ER 16M | 22 | 34 | 89 | 0.5 | 0.5 |
| HK0.A50.32m89.MLC | HSK-A 50 ER 16 089 MLC | M3-M12 | 3.5-10 | ER 16 | 32 | 34 | 89 | 0.5 | 0.5 |
| HK0.A50.35m90.MLC | HSK-A 50 ER 20 090 MLC | M3-M16 | 3.5-12 | ER 20 | 35 | 34 | 90 | 0.5 | 0.5 |
| HK0.A50.42m94.MLC | HSK-A 50 ER 25 094 MLC | M3-M20 | 3.5-16 | ER 25 | 42 | 34 | 94 | 0.5 | 0.5 |

## Accessories:


QC TAP COLLET QCTC


ER TAP COLLET


ER SLOTTED NUT


ER SPANNER




# HSK-A63 . DIN 69893


**167 Shrink Fit Holders**

167 4.5 °

172 4.5 ° Face Coolant Channel

177 Slim 3 °

179 4.5 ° Anti – Vibration

**180 Hydraulic Chucks**

180 Standard

184 Face Coolant Channel - Heavy Duty

185 Run out Adjustments

186 Anti – Vibration

188 Slim 3 °

**192 Face Mill Holders (FMH)**

192 Standard

194 Through Coolant (FMH – K)

196 Anti – Vibration

197 Hydraulic Expansion (HC - FMH – K)

198 Hydraulic Expansion (HC - FMH – K – AD/AV)

**199 Die & Mold Chuck (DMC)**

199 Die & Mold Chuck (DMC)

**200 Power Milling Chuck (PMC)**

200 Power Milling Chuck (PMC)

**201 ER Collect Chuck**

201 Standard

202 M Type

203 Long Series

**204 ER Collect Chuck**

204 Anti – Vibration

**206 Side Lock Adaptors**

206 Standard

207 Anti - Vibration

**209 Weldon Type End Mill Holders**

209 Standard

211 Face Coolant Channel

**213 Combi Shell Mill Adaptors**

213 Combi Shell Mill Adaptors

**215 Morse Taper Adaptors (MTA)**

215 Morse Taper Adaptors (MTA)

**216 Boring Bar Blanks**

216 Boring Bar Blanks

**217 Master Mandrell**

217 Master Mandrell

**218 NC Drill Chuck**

218 NC Drill Chuck

**219 Quick Change Tapping Chuck**

219 Quick Change Tapping Chuck

**220 Minimum Length Compensation Tapping Chucks**

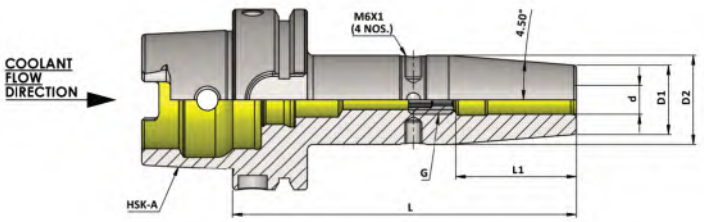
220 Minimum Length Compensation Tapping Chucks

**221 Milling Cutter Arbor (MCA)**

221 Milling Cutter Arbor (MCA)

# HSK-A63 (DIN 69893 - 1)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm



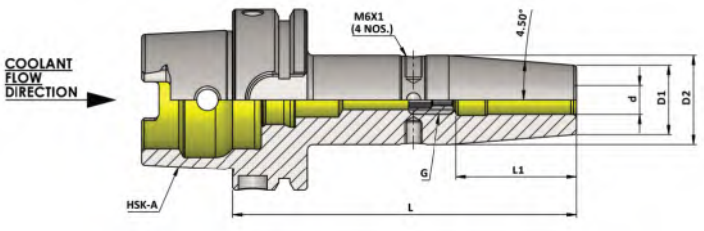

**METRIC**

**HSK-A63 (DIN 69893-1) (SFH 4.5° )** **(Balanced to 2.5G 25000 RPM)**

| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
|---|---|---|---|---|---|---|---|
| HK0.A63.3m80.SFS | HSK-A 63 SFH03 080 2.5G 25000 SL | 3 | 10 | 20 | — | 80 | 12 |
| HK0.A63.3m120.SFS | HSK-A 63 SFH03 120 2.5G 25000 SL | 3 | 10 | 20 | — | 120 | 12 |
| HK0.A63.3m130.SFS | HSK-A 63 SFH03 130 2.5G 25000 SL | 3 | 10 | 20 | — | 130 | 12 |
| HK0.A63.3m160.SFS | HSK-A 63 SFH03 160 2.5G 25000 SL | 3 | 10 | 20 | — | 160 | 12 |
| HK0.A63.4m80.SFS | HSK-A 63 SFH04 080 2.5G 25000 SL | 4 | 15 | 22 | — | 80 | 14 |
| HK0.A63.4m120.SFS | HSK-A 63 SFH04 120 2.5G 25000 SL | 4 | 15 | 22 | — | 120 | 14 |
| HK0.A63.4m130.SFS | HSK-A 63 SFH04 130 2.5G 25000 SL | 4 | 15 | 22 | — | 130 | 14 |
| HK0.A63.4m160.SFS | HSK-A 63 SFH04 160 2.5G 25000 SL | 4 | 15 | 22 | — | 160 | 14 |
| HK0.A63.5m80.SFS | HSK-A 63 SFH05 080 2.5G 25000 SL | 5 | 15 | 22 | — | 80 | 15 |
| HK0.A63.5m120.SFS | HSK-A 63 SFH05 120 2.5G 25000 SL | 5 | 15 | 22 | — | 120 | 15 |
| HK0.A63.5m130.SFS | HSK-A 63 SFH05 130 2.5G 25000 SL | 5 | 15 | 22 | — | 130 | 15 |
| HK0.A63.5m160.SFS | HSK-A 63 SFH05 160 2.5G 25000 SL | 5 | 15 | 22 | — | 160 | 15 |
| HK0.A63.6m80.SFS | HSK-A 63 SFH06 080 2.5G 25000 SL | 6 | 21 | 27 | M5 | 80 | 36 |
| HK0.A63.6m120.SFS | HSK-A 63 SFH06 120 2.5G 25000 SL | 6 | 21 | 27 | M5 | 120 | 36 |
| HK0.A63.6m130.SFS | HSK-A 63 SFH06 130 2.5G 25000 SL | 6 | 21 | 27 | M5 | 130 | 36 |
| HK0.A63.6m160.SFS | HSK-A 63 SFH06 160 2.5G 25000 SL | 6 | 21 | 27 | M5 | 160 | 36 |
| HK0.A63.6m200.SFS | HSK-A 63 SFH06 200 2.5G 25000 SL | 6 | 21 | 27 | M5 | 200 | 36 |
| HK0.A63.8m80.SFS | HSK-A 63 SFH08 080 2.5G 25000 SL | 8 | 21 | 27 | M6 | 80 | 36 |
| HK0.A63.8m120.SFS | HSK-A 63 SFH08 120 2.5G 25000 SL | 8 | 21 | 27 | M6 | 120 | 36 |
| HK0.A63.8m130.SFS | HSK-A 63 SFH08 130 2.5G 25000 SL | 8 | 21 | 27 | M6 | 130 | 36 |
| HK0.A63.8m160.SFS | HSK-A 63 SFH08 160 2.5G 25000 SL | 8 | 21 | 27 | M6 | 160 | 36 |
| HK0.A63.8m200.SFS | HSK-A 63 SFH08 200 2.5G 25000 SL | 8 | 21 | 27 | M6 | 200 | 36 |
| HK0.A63.10m85.SFS | HSK-A 63 SFH10 085 2.5G 25000 SL | 10 | 24 | 31 | M8 | 85 | 41 |
| HK0.A63.10m120.SFS | HSK-A 63 SFH10 120 2.5G 25000 SL | 10 | 24 | 31 | M8 | 120 | 41 |
| HK0.A63.10m130.SFS | HSK-A 63 SFH10 130 2.5G 25000 SL | 10 | 24 | 31 | M8 | 130 | 41 |
| HK0.A63.10m160.SFS | HSK-A 63 SFH10 160 2.5G 25000 SL | 10 | 24 | 31 | M8 | 160 | 41 |
| HK0.A63.10m200.SFS | HSK-A 63 SFH10 200 2.5G 25000 SL | 10 | 24 | 31 | M8 | 200 | 41 |
| HK0.A63.12m90.SFS | HSK-A 63 SFH12 090 2.5G 25000 SL | 12 | 24 | 31 | M10 | 90 | 46 |
| HK0.A63.12m120.SFS | HSK-A 63 SFH12 120 2.5G 25000 SL | 12 | 24 | 31 | M10 | 120 | 46 |
| HK0.A63.12m130.SFS | HSK-A 63 SFH12 130 2.5G 25000 SL | 12 | 24 | 31 | M10 | 130 | 46 |
| HK0.A63.12m160.SFS | HSK-A 63 SFH12 160 2.5G 25000 SL | 12 | 24 | 31 | M10 | 160 | 46 |
| HK0.A63.12m200.SFS | HSK-A 63 SFH12 200 2.5G 25000 SL | 12 | 24 | 31 | M10 | 200 | 46 |
| HK0.A63.14m90.SFS | HSK-A 63 SFH14 090 2.5G 25000 SL | 14 | 27 | 34 | M10 | 90 | 46 |
| HK0.A63.14m120.SFS | HSK-A 63 SFH14 120 2.5G 25000 SL | 14 | 27 | 34 | M10 | 120 | 46 |
| HK0.A63.14m130.SFS | HSK-A 63 SFH14 130 2.5G 25000 SL | 14 | 27 | 34 | M10 | 130 | 46 |
| HK0.A63.14m160.SFS | HSK-A 63 SFH14 160 2.5G 25000 SL | 14 | 27 | 34 | M10 | 160 | 46 |
| HK0.A63.14m200.SFS | HSK-A 63 SFH14 200 2.5G 25000 SL | 14 | 27 | 34 | M10 | 200 | 46 |

# HSK-A63 (DIN 69893 - 1)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

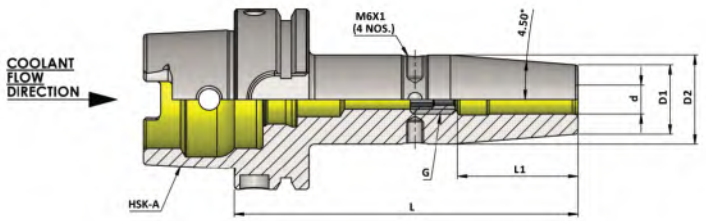



**METRIC**

| HSK-A63 (DIN 69893-1) (SFH 4.5° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.A63.16m95.SFS | HSK-A 63 SFH16 095 2.5G 25000 SL | 16 | 27 | 34 | M12 | 95 | 49 |
| HK0.A63.16m120.SFS | HSK-A 63 SFH16 120 2.5G 25000 SL | 16 | 27 | 34 | M12 | 120 | 49 |
| HK0.A63.16m130.SFS | HSK-A 63 SFH16 130 2.5G 25000 SL | 16 | 27 | 34 | M12 | 130 | 49 |
| HK0.A63.16m160.SFS | HSK-A 63 SFH16 160 2.5G 25000 SL | 16 | 27 | 34 | M12 | 160 | 49 |
| HK0.A63.16m200.SFS | HSK-A 63 SFH16 200 2.5G 25000 SL | 16 | 27 | 34 | M12 | 200 | 49 |
| HK0.A63.18m95.SFS | HSK-A 63 SFH18 095 2.5G 25000 SL | 18 | 33 | 40 | M12 | 95 | 49 |
| HK0.A63.18m120.SFS | HSK-A 63 SFH18 120 2.5G 25000 SL | 18 | 33 | 40 | M12 | 120 | 49 |
| HK0.A63.18m130.SFS | HSK-A 63 SFH18 130 2.5G 25000 SL | 18 | 33 | 40 | M12 | 130 | 49 |
| HK0.A63.18m160.SFS | HSK-A 63 SFH18 160 2.5G 25000 SL | 18 | 33 | 40 | M12 | 160 | 49 |
| HK0.A63.18m200.SFS | HSK-A 63 SFH18 200 2.5G 25000 SL | 18 | 33 | 40 | M12 | 200 | 49 |
| HK0.A63.20m100.SFS | HSK-A 63 SFH20 100 2.5G 25000 SL | 20 | 33 | 40 | M16 | 100 | 51 |
| HK0.A63.20m120.SFS | HSK-A 63 SFH20 120 2.5G 25000 SL | 20 | 33 | 40 | M16 | 120 | 51 |
| HK0.A63.20m130.SFS | HSK-A 63 SFH20 130 2.5G 25000 SL | 20 | 33 | 40 | M16 | 130 | 51 |
| HK0.A63.20m160.SFS | HSK-A 63 SFH20 160 2.5G 25000 SL | 20 | 33 | 40 | M16 | 160 | 51 |
| HK0.A63.20m200.SFS | HSK-A 63 SFH20 200 2.5G 25000 SL | 20 | 33 | 40 | M16 | 200 | 51 |
| HK0.A63.25m115.SFS | HSK-A 63 SFH25 115 2.5G 25000 SL | 25 | 44 | 53 | M16 | 115 | 57 |
| HK0.A63.25m120.SFS | HSK-A 63 SFH25 120 2.5G 25000 SL | 25 | 44 | 53 | M16 | 120 | 57 |
| HK0.A63.25m130.SFS | HSK-A 63 SFH25 130 2.5G 25000 SL | 25 | 44 | 53 | M16 | 130 | 57 |
| HK0.A63.25m160.SFS | HSK-A 63 SFH25 160 2.5G 25000 SL | 25 | 44 | 53 | M16 | 160 | 57 |
| HK0.A63.25m200.SFS | HSK-A 63 SFH25 200 2.5G 25000 SL | 25 | 44 | 53 | M16 | 200 | 57 |
| HK0.A63.32m120.SFS | HSK-A 63 SFH32 120 2.5G 25000 SL | 32 | 44 | 53 | M16 | 120 | 61 |
| HK0.A63.32m130.SFS | HSK-A 63 SFH32 130 2.5G 25000 SL | 32 | 44 | 53 | M16 | 130 | 61 |
| HK0.A63.32m160.SFS | HSK-A 63 SFH32 160 2.5G 25000 SL | 32 | 44 | 53 | M16 | 160 | 61 |
| HK0.A63.32m200.SFS | HSK-A 63 SFH32 200 2.5G 25000 SL | 32 | 44 | 53 | M16 | 200 | 61 |

# HSK-A63 (DIN 69893 - 1)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

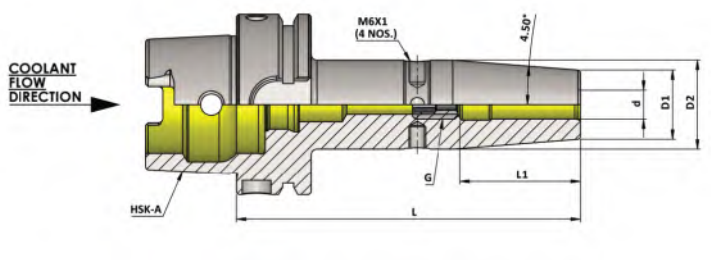
Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**INCH**

| HSK-A63 (DIN 69893-1) (SFH 4.5° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.A63.1/8z315.SFS.AD | HSK-A63SFH1/8''080AD/2.5G25000SL | 1/8" | 0.394" | 0.787" | — | 3.15" | 0.472" |
| HK0.A63.1/8z4724.SFS.AD | HSK-A63SFH1/8''120AD/2.5G25000SL | 1/8" | 0.394" | 0.787" | — | 4.724" | 0.472" |
| HK0.A63.1/8z5118.SFS.AD | HSK-A63SFH1/8''130AD/2.5G25000SL | 1/8" | 0.394" | 0.787" | — | 5.118" | 0.472" |
| HK0.A63.1/8z6299.SFS.AD | HSK-A63SFH1/8''160AD/2.5G25000SL | 1/8" | 0.394" | 0.787" | — | 6.299" | 0.472" |
| HK0.A63.3/16z315.SFS.AD | HSK-A63SFH3/16''080AD/2.5G25000SL | 3/16" | 0.591" | 0.866" | — | 3.15" | 0.551" |
| HK0.A63.3/16z4724.SFS.AD | HSK-A63SFH3/16''120AD/2.5G25000SL | 3/16" | 0.591" | 0.866" | — | 4.724" | 0.551" |
| HK0.A63.3/16z5118.SFS.AD | HSK-A63SFH3/16''130AD/2.5G25000SL | 3/16" | 0.591" | 0.866" | — | 5.118" | 0.551" |
| HK0.A63.3/16z6299.SFS.AD | HSK-A63SFH3/16''160AD/2.5G25000SL | 3/16" | 0.591" | 0.866" | — | 6.299" | 0.551" |
| HK0.A63.1/4z315.SFS.AD | HSK-A63SFH1/4''080AD/2.5G25000SL | 1/4" | 0.827" | 1.063" | M5 | 3.15" | 1.417" |
| HK0.A63.1/4z4724.SFS.AD | HSK-A63SFH1/4''120AD/2.5G25000SL | 1/4" | 0.827" | 1.063" | M5 | 4.724" | 1.417" |
| HK0.A63.1/4z5118.SFS.AD | HSK-A63SFH1/4''130AD/2.5G25000SL | 1/4" | 0.827" | 1.063" | M5 | 5.118" | 1.417" |
| HK0.A63.1/4z6299.SFS.AD | HSK-A63SFH1/4''160AD/2.5G25000SL | 1/4" | 0.827" | 1.063" | M5 | 6.299" | 1.417" |
| HK0.A63.1/4z7874.SFS.AD | HSK-A63SFH1/4''200AD/2.5G25000SL | 1/4" | 0.827" | 1.063" | M5 | 7.874" | 1.417" |
| HK0.A63.5/16z315.SFS.AD | HSK-A63SFH5/16''080AD/2.5G25000SL | 5/16" | 0.827" | 1.063" | M6 | 3.15" | 1.417" |
| HK0.A63.5/16z4724.SFS.AD | HSK-A63SFH5/16''120AD/2.5G25000SL | 5/16" | 0.827" | 1.063" | M6 | 4.724" | 1.417" |
| HK0.A63.5/16z5118.SFS.AD | HSK-A63SFH5/16''130AD/2.5G25000SL | 5/16" | 0.827" | 1.063" | M6 | 5.118" | 1.417" |
| HK0.A63.5/16z6299.SFS.AD | HSK-A63SFH5/16''160AD/2.5G25000SL | 5/16" | 0.827" | 1.063" | M6 | 6.299" | 1.417" |
| HK0.A63.5/16z7874.SFS.AD | HSK-A63SFH5/16''200AD/2.5G25000SL | 5/16" | 0.827" | 1.063" | M6 | 7.874" | 1.417" |
| HK0.A63.3/8z3346.SFS.AD | HSK-A63SFH3/8''085AD/2.5G25000SL | 3/8" | 0.945" | 1.22" | M8 | 3.346" | 1.614" |
| HK0.A63.3/8z4724.SFS.AD | HSK-A63SFH3/8''120AD/2.5G25000SL | 3/8" | 0.945" | 1.22" | M8 | 4.724" | 1.614" |
| HK0.A63.3/8z5118.SFS.AD | HSK-A63SFH3/8''130AD/2.5G25000SL | 3/8" | 0.945" | 1.22" | M8 | 5.118" | 1.614" |
| HK0.A63.3/8z6299.SFS.AD | HSK-A63SFH3/8''160AD/2.5G25000SL | 3/8" | 0.945" | 1.22" | M8 | 6.299" | 1.614" |
| HK0.A63.3/8z7874.SFS.AD | HSK-A63SFH3/8''200AD/2.5G25000SL | 3/8" | 0.945" | 1.22" | M8 | 7.874" | 1.614" |
| HK0.A63.1/2z3543.SFS.AD | HSK-A63SFH1/2''090AD/2.5G25000SL | 1/2" | 0.945" | 1.22" | M10 | 3.543" | 1.811" |
| HK0.A63.1/2z4724.SFS.AD | HSK-A63SFH1/2''120AD/2.5G25000SL | 1/2" | 0.945" | 1.22" | M10 | 4.724" | 1.811" |
| HK0.A63.1/2z5118.SFS.AD | HSK-A63SFH1/2''130AD/2.5G25000SL | 1/2" | 0.945" | 1.22" | M10 | 5.118" | 1.811" |
| HK0.A63.1/2z6299.SFS.AD | HSK-A63SFH1/2''160AD/2.5G25000SL | 1/2" | 0.945" | 1.22" | M10 | 6.299" | 1.811" |
| HK0.A63.1/2z7874.SFS.AD | HSK-A63SFH1/2''200AD/2.5G25000SL | 1/2" | 0.945" | 1.22" | M10 | 7.874" | 1.811" |
| HK0.A63.5/8z374.SFS.AD | HSK-A63SFH5/8''095AD/2.5G25000SL | 5/8" | 1.063" | 1.339" | M12 | 3.74" | 1.929" |
| HK0.A63.5/8z4724.SFS.AD | HSK-A63SFH5/8''120AD/2.5G25000SL | 5/8" | 1.063" | 1.339" | M12 | 4.724" | 1.929" |
| HK0.A63.5/8z5118.SFS.AD | HSK-A63SFH5/8''130AD/2.5G25000SL | 5/8" | 1.063" | 1.339" | M12 | 5.118" | 1.929" |
| HK0.A63.5/8z6299.SFS.AD | HSK-A63SFH5/8''160AD/2.5G25000SL | 5/8" | 1.063" | 1.339" | M12 | 6.299" | 1.929" |
| HK0.A63.5/8z7874.SFS.AD | HSK-A63SFH5/8''200AD/2.5G25000SL | 5/8" | 1.063" | 1.339" | M12 | 7.874" | 1.929" |

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

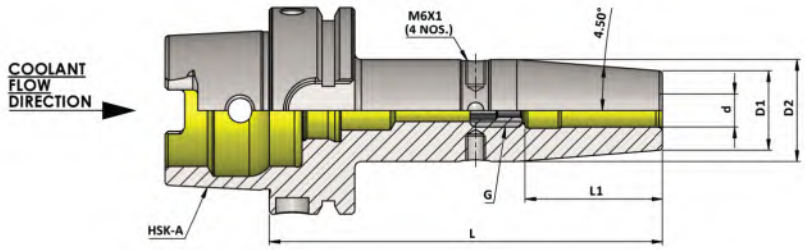



**INCH**

| HSK-A63 (DIN 69893-1) (SFH 4.5$^0$ ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.A63.3/4z3937.SFS.AD | HSK-A 63 SFH3/4'' 100 AD/ 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 3.937" | 2.008" |
| HK0.A63.3/4z4724.SFS.AD | HSK-A 63 SFH3/4'' 120 AD/ 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 4.724" | 2.008" |
| HK0.A63.3/4z5118.SFS.AD | HSK-A 63 SFH3/4'' 130 AD/ 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 5.118" | 2.008" |
| HK0.A63.3/4z6299.SFS.AD | HSK-A 63 SFH3/4'' 160 AD/ 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 6.299" | 2.008" |
| HK0.A63.3/4z7874.SFS.AD | HSK-A 63 SFH3/4'' 200 AD/ 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 7.874" | 2.008" |
| HK0.A63.1z4528.SFS.AD | HSK-A 63 SFH1.0'' 115 AD/ 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 4.528" | 2.244" |
| HK0.A63.1z4724.SFS.AD | HSK-A 63 SFH1.0'' 120 AD/ 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 4.724" | 2.244" |
| HK0.A63.1z5118.SFS.AD | HSK-A 63 SFH1.0'' 130 AD/ 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 5.118" | 2.244" |
| HK0.A63.1z6299.SFS.AD | HSK-A 63 SFH1.0'' 160 AD/ 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 6.299" | 2.244" |
| HK0.A63.1z7874.SFS.AD | HSK-A 63 SFH1.0'' 200 AD/ 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 7.874" | 2.244" |
| HK0.A63.11/4z4724.SFS.AD | HSK-A63SFH1-1/4''120AD/2.5G25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 4.724" | 2.402" |
| HK0.A63.11/4z5118.SFS.AD | HSK-A63SFH1-1/4''130AD/2.5G25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 5.118" | 2.402" |
| HK0.A63.11/4z6299.SFS.AD | HSK-A63SFH1-1/4''160AD/2.5G25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 6.299" | 2.402" |
| HK0.A63.11/4z7874.SFS.AD | HSK-A63SFH1-1/4''200AD/2.5G25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 7.874" | 2.402" |

# HSK-A 63 x 80 (DIN 69893 - 1)
# Shrink Fit Holder 4.5 Degree (SFH 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

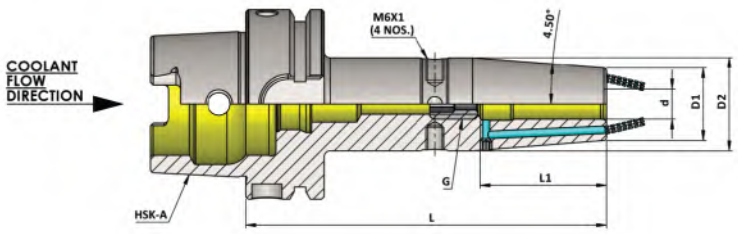
| HSK-A63 X 80 (DIN 69893-1) (SFH 4.5° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.A6380.6m130.SFS | HSK-A63X80SFH061302.5G25000SL | 6 | 21 | 27 | M5 | 130 | 36 |
| HK0.A6380.8m130.SFS | HSK-A63X80SFH081302.5G25000SL | 8 | 21 | 27 | M6 | 130 | 36 |
| HK0.A6380.10m130.SFS | HSK-A63X80SFH101302.5G25000SL | 10 | 24 | 31 | M8 | 130 | 41 |
| HK0.A6380.12m130.SFS | HSK-A63X80SFH121302.5G25000SL | 12 | 24 | 31 | M10 | 130 | 46 |
| HK0.A6380.14m130.SFS | HSK-A63X80SFH141302.5G25000SL | 14 | 27 | 34 | M10 | 130 | 46 |
| HK0.A6380.16m130.SFS | HSK-A63X80SFH161302.5G25000SL | 16 | 27 | 34 | M12 | 130 | 49 |
| HK0.A6380.18m130.SFS | HSK-A63X80SFH181302.5G25000SL | 18 | 33 | 40 | M16 | 130 | 49 |
| HK0.A6380.20m130.SFS | HSK-A63X80SFH201302.5G25000SL | 20 | 33 | 40 | M16 | 130 | 51 |

**INCH**

| HSK-A63 X 80 (DIN 69893-1) (SFH 4.5° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.A6380.1/4z5118.SFS | HSK-A 63 X 80 SFH1/4" 130 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 5.118" | 1.417" |
| HK0.A6380.5/16z5118.SFS | HSK-A 63 X 80 SFH5/16" 130 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 5.118" | 1.417" |
| HK0.A6380.3/8z5118.SFS | HSK-A 63 X 80 SFH3/8" 130 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 5.118" | 1.614" |
| HK0.A6380.1/2z5118.SFS | HSK-A 63 X 80 SFH1/2" 130 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 5.118" | 1.811" |
| HK0.A6380.5/8z5118.SFS | HSK-A 63 X 80 SFH5/8" 130 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 5.118" | 1.929" |
| HK0.A6380.3/4z5118.SFS | HSK-A 63 X 80 SFH3/4" 130 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 5.118" | 2.008" |

# HSK-A63 (DIN 69893 - 1) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

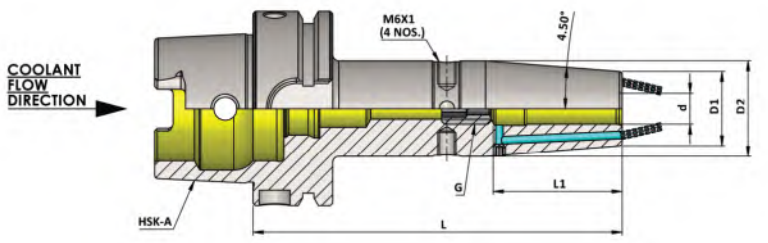



**METRIC**

| HSK-A63 (DIN 69893-1) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.A63.3m80.SFF | HSK-A 63 SFH03 080 FCC 2.5G 25000 SL | 3 | 10 | 20 | — | 80 | 12 |
| HK0.A63.3m120.SFF | HSK-A 63 SFH03 120 FCC 2.5G 25000 SL | 3 | 10 | 20 | — | 120 | 12 |
| HK0.A63.3m130.SFF | HSK-A 63 SFH03 130 FCC 2.5G 25000 SL | 3 | 10 | 20 | — | 130 | 12 |
| HK0.A63.3m160.SFF | HSK-A 63 SFH03 160 FCC 2.5G 25000 SL | 3 | 10 | 20 | — | 160 | 12 |
| HK0.A63.4m80.SFF | HSK-A 63 SFH04 080 FCC 2.5G 25000 SL | 4 | 15 | 22 | — | 80 | 14 |
| HK0.A63.4m120.SFF | HSK-A 63 SFH04 120 FCC 2.5G 25000 SL | 4 | 15 | 22 | — | 120 | 14 |
| HK0.A63.4m130.SFF | HSK-A 63 SFH04 130 FCC 2.5G 25000 SL | 4 | 15 | 22 | — | 130 | 14 |
| HK0.A63.4m160.SFF | HSK-A 63 SFH04 160 FCC 2.5G 25000 SL | 4 | 15 | 22 | — | 160 | 14 |
| HK0.A63.5m80.SFF | HSK-A 63 SFH05 080 FCC 2.5G 25000 SL | 5 | 15 | 22 | — | 80 | 15 |
| HK0.A63.5m120.SFF | HSK-A 63 SFH05 120 FCC 2.5G 25000 SL | 5 | 15 | 22 | — | 120 | 15 |
| HK0.A63.5m130.SFF | HSK-A 63 SFH05 130 FCC 2.5G 25000 SL | 5 | 15 | 22 | — | 130 | 15 |
| HK0.A63.5m160.SFF | HSK-A 63 SFH05 160 FCC 2.5G 25000 SL | 5 | 15 | 22 | — | 160 | 15 |
| HK0.A63.6m80.SFF | HSK-A 63 SFH06 080 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 80 | 36 |
| HK0.A63.6m120.SFF | HSK-A 63 SFH06 120 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 120 | 36 |
| HK0.A63.6m130.SFF | HSK-A 63 SFH06 130 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 130 | 36 |
| HK0.A63.6m160.SFF | HSK-A 63 SFH06 160 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 160 | 36 |
| HK0.A63.8m80.SFF | HSK-A 63 SFH08 080 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 80 | 36 |
| HK0.A63.8m120.SFF | HSK-A 63 SFH08 120 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 120 | 36 |
| HK0.A63.8m130.SFF | HSK-A 63 SFH08 130 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 130 | 36 |
| HK0.A63.8m160.SFF | HSK-A 63 SFH08 160 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 160 | 36 |
| HK0.A63.10m85.SFF | HSK-A 63 SFH10 085 FCC 2.5G 25000 SL | 10 | 24 | 31 | M8 | 85 | 41 |
| HK0.A63.10m120.SFF | HSK-A 63 SFH10 120 FCC 2.5G 25000 SL | 10 | 24 | 31 | M8 | 120 | 41 |
| HK0.A63.10m130.SFF | HSK-A 63 SFH10 130 FCC 2.5G 25000 SL | 10 | 24 | 31 | M8 | 130 | 41 |
| HK0.A63.10m160.SFF | HSK-A 63 SFH10 160 FCC 2.5G 25000 SL | 10 | 24 | 31 | M8 | 160 | 41 |
| HK0.A63.12m90.SFF | HSK-A 63 SFH12 090 FCC 2.5G 25000 SL | 12 | 24 | 31 | M10 | 90 | 46 |
| HK0.A63.12m120.SFF | HSK-A 63 SFH12 120 FCC 2.5G 25000 SL | 12 | 24 | 31 | M10 | 120 | 46 |
| HK0.A63.12m130.SFF | HSK-A 63 SFH12 130 FCC 2.5G 25000 SL | 12 | 24 | 31 | M10 | 130 | 46 |
| HK0.A63.12m160.SFF | HSK-A 63 SFH12 160 FCC 2.5G 25000 SL | 12 | 24 | 31 | M10 | 160 | 46 |
| HK0.A63.14m90.SFF | HSK-A 63 SFH14 090 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 90 | 46 |
| HK0.A63.14m120.SFF | HSK-A 63 SFH14 120 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 120 | 46 |
| HK0.A63.14m130.SFF | HSK-A 63 SFH14 130 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 130 | 46 |
| HK0.A63.14m160.SFF | HSK-A 63 SFH14 160 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 160 | 46 |

# HSK-A63 (DIN 69893 - 1) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

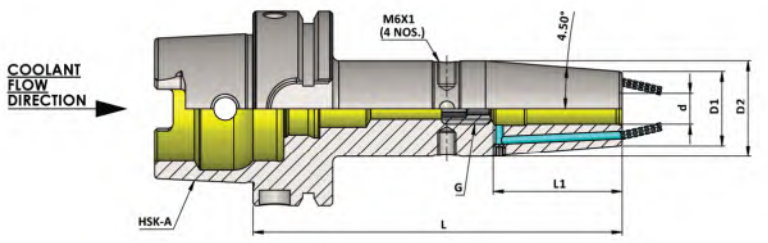



**METRIC**

| HSK-A63 (DIN 69893-1) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.A63.16m95.SFF | HSK-A 63 SFH16 095 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 95 | 49 |
| HK0.A63.16m120.SFF | HSK-A 63 SFH16 120 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 120 | 49 |
| HK0.A63.16m130.SFF | HSK-A 63 SFH16 130 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 130 | 49 |
| HK0.A63.16m160.SFF | HSK-A 63 SFH16 160 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 160 | 49 |
| HK0.A63.18m95.SFF | HSK-A 63 SFH18 095 FCC 2.5G 25000 SL | 18 | 33 | 40 | M12 | 95 | 49 |
| HK0.A63.18m120.SFF | HSK-A 63 SFH18 120 FCC 2.5G 25000 SL | 18 | 33 | 40 | M12 | 120 | 49 |
| HK0.A63.18m130.SFF | HSK-A 63 SFH18 130 FCC 2.5G 25000 SL | 18 | 33 | 40 | M12 | 130 | 49 |
| HK0.A63.18m160.SFF | HSK-A 63 SFH18 160 FCC 2.5G 25000 SL | 18 | 33 | 40 | M12 | 160 | 49 |
| HK0.A63.20m100.SFF | HSK-A 63 SFH20 100 FCC 2.5G 25000 SL | 20 | 33 | 40 | M16 | 100 | 51 |
| HK0.A63.20m120.SFF | HSK-A 63 SFH20 120 FCC 2.5G 25000 SL | 20 | 33 | 40 | M16 | 120 | 51 |
| HK0.A63.20m130.SFF | HSK-A 63 SFH20 130 FCC 2.5G 25000 SL | 20 | 33 | 40 | M16 | 130 | 51 |
| HK0.A63.20m160.SFF | HSK-A 63 SFH20 160 FCC 2.5G 25000 SL | 20 | 33 | 40 | M16 | 160 | 51 |
| HK0.A63.25m115.SFF | HSK-A 63 SFH25 115 FCC 2.5G 25000 SL | 25 | 44 | 53 | M16 | 115 | 57 |
| HK0.A63.25m120.SFF | HSK-A 63 SFH25 120 FCC 2.5G 25000 SL | 25 | 44 | 53 | M16 | 120 | 57 |
| HK0.A63.25m130.SFF | HSK-A 63 SFH25 130 FCC 2.5G 25000 SL | 25 | 44 | 53 | M16 | 130 | 57 |
| HK0.A63.25m160.SFF | HSK-A 63 SFH25 160 FCC 2.5G 25000 SL | 25 | 44 | 53 | M16 | 160 | 57 |
| HK0.A63.32m120.SFF | HSK-A 63 SFH32 120 FCC 2.5G 25000 SL | 32 | 44 | 53 | M16 | 120 | 61 |
| HK0.A63.32m130.SFF | HSK-A 63 SFH32 130 FCC 2.5G 25000 SL | 32 | 44 | 53 | M16 | 130 | 61 |
| HK0.A63.32m160.SFF | HSK-A 63 SFH32 160 FCC 2.5G 25000 SL | 32 | 44 | 53 | M16 | 160 | 61 |

# HSK-A63 (DIN 69893 - 1) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

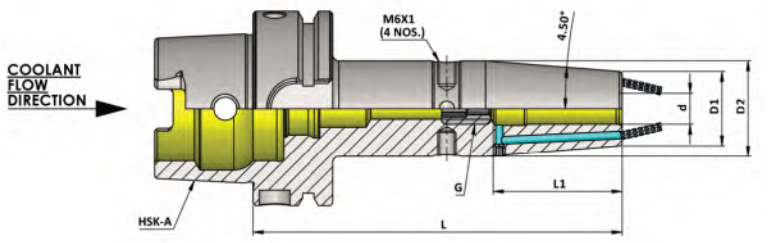



**INCH**

| HSK-A63 (DIN 69893-1) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.A63.1/8z315.SFF | HSK-A 63 SFH1/8'' 080 FCC / 2.5G 25000 SL | 1/8" | 0.394" | 0.787" | — | 3.15" | 0.472" |
| HK0.A63.1/8z4724.SFF | HSK-A 63 SFH1/8'' 120 FCC / 2.5G 25000 SL | 1/8" | 0.394" | 0.787" | — | 4.724" | 0.472" |
| HK0.A63.1/8z5118.SFF | HSK-A 63 SFH1/8'' 130 FCC / 2.5G 25000 SL | 1/8" | 0.394" | 0.787" | — | 5.118" | 0.472" |
| HK0.A63.1/8z6299.SFF | HSK-A 63 SFH1/8'' 160 FCC / 2.5G 25000 SL | 1/8" | 0.394" | 0.787" | — | 6.299" | 0.472" |
| HK0.A63.3/16z315.SFF | HSK-A 63 SFH3/16'' 080 FCC / 2.5G 25000 SL | 3/16" | 0.591" | 0.866" | — | 3.15" | 0.551" |
| HK0.A63.3/16z4724.SFF | HSK-A 63 SFH3/16'' 120 FCC / 2.5G 25000 SL | 3/16" | 0.591" | 0.866" | — | 4.724" | 0.551" |
| HK0.A63.3/16z5118.SFF | HSK-A 63 SFH3/16'' 130 FCC / 2.5G 25000 SL | 3/16" | 0.591" | 0.866" | — | 5.118" | 0.551" |
| HK0.A63.3/16z6299.SFF | HSK-A 63 SFH3/16'' 160 FCC / 2.5G 25000 SL | 3/16" | 0.591" | 0.866" | — | 6.299" | 0.551" |
| HK0.A63.1/4z315.SFF | HSK-A 63 SFH1/4'' 080 FCC / 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 3.15" | 1.417" |
| HK0.A63.1/4z4724.SFF | HSK-A 63 SFH1/4'' 120 FCC / 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 4.724" | 1.417" |
| HK0.A63.1/4z5118.SFF | HSK-A 63 SFH1/4'' 130 FCC / 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 5.118" | 1.417" |
| HK0.A63.1/4z6299.SFF | HSK-A 63 SFH1/4'' 160 FCC / 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 6.299" | 1.417" |
| HK0.A63.5/16z315.SFF | HSK-A 63 SFH5/16'' 080 FCC / 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 3.15" | 1.417" |
| HK0.A63.5/16z4724.SFF | HSK-A 63 SFH5/16'' 120 FCC / 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 4.724" | 1.417" |
| HK0.A63.5/16z5118.SFF | HSK-A 63 SFH5/16'' 130 FCC / 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 5.118" | 1.417" |
| HK0.A63.5/16z6299.SFF | HSK-A 63 SFH5/16'' 160 FCC / 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 6.299" | 1.417" |
| HK0.A63.3/8z3346.SFF | HSK-A 63 SFH3/8'' 085 FCC / 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 3.346" | 1.614" |
| HK0.A63.3/8z4724.SFF | HSK-A 63 SFH3/8'' 120 FCC / 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 4.724" | 1.614" |
| HK0.A63.3/8z5118.SFF | HSK-A 63 SFH3/8'' 130 FCC / 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 5.118" | 1.614" |
| HK0.A63.3/8z6299.SFF | HSK-A 63 SFH3/8'' 160 FCC / 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 6.299" | 1.614" |

# HSK-A63 (DIN 69893 - 1) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

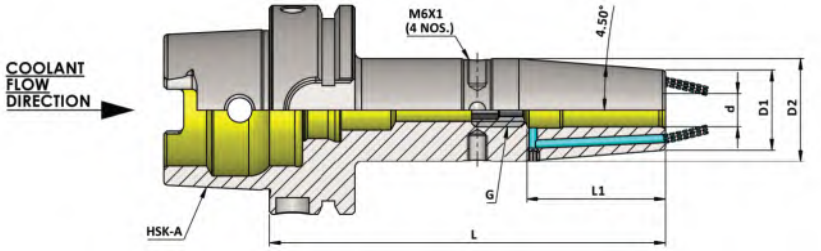



**INCH**

| HSK-A63 (DIN 69893-1) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.A63.1/2z3543.SFF | HSK-A 63 SFH1/2'' 090 FCC / 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 3.543" | 1.811" |
| HK0.A63.1/2z4724.SFF | HSK-A 63 SFH1/2'' 120 FCC / 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 4.724" | 1.811" |
| HK0.A63.1/2z5118.SFF | HSK-A 63 SFH1/2'' 130 FCC / 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 5.118" | 1.811" |
| HK0.A63.1/2z6299.SFF | HSK-A 63 SFH1/2'' 160 FCC / 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 6.299" | 1.811" |
| HK0.A63.5/8z374.SFF | HSK-A 63 SFH5/8'' 095 FCC / 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 3.74" | 1.929" |
| HK0.A63.5/8z4724.SFF | HSK-A 63 SFH5/8'' 120 FCC / 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 4.724" | 1.929" |
| HK0.A63.5/8z5118.SFF | HSK-A 63 SFH5/8'' 130 FCC / 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 5.118" | 1.929" |
| HK0.A63.5/8z6299.SFF | HSK-A 63 SFH5/8'' 160 FCC / 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 6.299" | 1.929" |
| HK0.A63.3/4z3937.SFF | HSK-A 63 SFH3/4'' 100 FCC / 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 3.937" | 2.008" |
| HK0.A63.3/4z4724.SFF | HSK-A 63 SFH3/4'' 120 FCC / 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 4.724" | 2.008" |
| HK0.A63.3/4z5118.SFF | HSK-A 63 SFH3/4'' 130 FCC / 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 5.118" | 2.008" |
| HK0.A63.3/4z6299.SFF | HSK-A 63 SFH3/4'' 160 FCC / 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 6.299" | 2.008" |
| HK0.A63.1z4528.SFF | HSK-A 63 SFH1.0'' 115 FCC / 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 4.528" | 2.244" |
| HK0.A63.1z4724.SFF | HSK-A 63 SFH1.0'' 120 FCC / 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 4.724" | 2.244" |
| HK0.A63.1z5118.SFF | HSK-A 63 SFH1.0'' 130 FCC / 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 5.118" | 2.244" |
| HK0.A63.1z6299.SFF | HSK-A 63 SFH1.0'' 160 FCC / 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 6.299" | 2.244" |
| HK0.A63.11/4z4724.SFF | HSK-A63 SFH1-1/4'' 120 FCC / 2.5G 25000 SL | 1-1/4" | 1.732" | 2.087" | M16 | 4.724" | 2.402" |
| HK0.A63.11/4z5118.SFF | HSK-A63 SFH1-1/4'' 130 FCC / 2.5G 25000 SL | 1-1/4" | 1.732" | 2.087" | M16 | 5.118" | 2.402" |
| HK0.A63.11/4z6299.SFF | HSK-A63 SFH1-1/4'' 160 FCC / 2.5G 25000 SL | 1-1/4" | 1.732" | 2.087" | M16 | 6.299" | 2.402" |

# HSK-A 63 x 80 (DIN 69893 - 1) Shrink Fit Holder 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

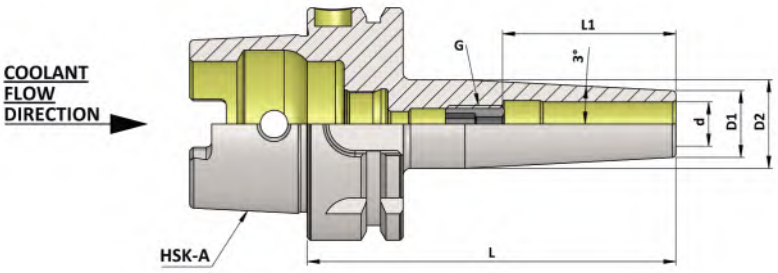
| HSK-A 63 X 80 (DIN 69893-1) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.A6380.6m130.SFF | HSK-A63X80SFH06130FCC2.5G25000SL | 6 | 21 | 27 | M5 | 130 | 36 |
| HK0.A6380.8m130.SFF | HSK-A63X80SFH08130FCC2.5G25000SL | 8 | 21 | 27 | M6 | 130 | 36 |
| HK0.A6380.10m130.SFF | HSK-A63X80SFH10130FCC2.5G25000SL | 10 | 24 | 31 | M8 | 130 | 41 |
| HK0.A6380.12m130.SFF | HSK-A63X80SFH12130FCC2.5G25000SL | 12 | 24 | 31 | M10 | 130 | 46 |
| HK0.A6380.14m130.SFF | HSK-A63X80SFH14130FCC2.5G25000SL | 14 | 27 | 34 | M10 | 130 | 46 |
| HK0.A6380.16m130.SFF | HSK-A63X80SFH16130FCC2.5G25000SL | 16 | 27 | 34 | M12 | 130 | 49 |
| HK0.A6380.18m130.SFF | HSK-A63X80SFH18130FCC2.5G25000SL | 18 | 33 | 40 | M16 | 130 | 49 |
| HK0.A6380.20m130.SFF | HSK-A63X80SFH20130FCC2.5G25000SL | 20 | 33 | 40 | M16 | 130 | 51 |

**INCH**

| HSK-A63 X 80 (DIN 69893-1) (SFH 4.5° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.A6380.1/4z5118.SFF | HSK-A63X80SFH1/4"130FCC2.5G25000SL | 1/4" | 0.827" | 1.063" | M5 | 5.118" | 1.417" |
| HK0.A6380.5/16z5118.SFF | HSK-A63X80SFH5/16"130FCC2.5G25000SL | 5/16" | 0.827" | 1.063" | M6 | 5.118" | 1.417" |
| HK0.A6380.3/8z5118.SFF | HSK-A63X80SFH3/8"130FCC2.5G25000SL | 3/8" | 0.945" | 1.22" | M8 | 5.118" | 1.614" |
| HK0.A6380.1/2z5118.SFF | HSK-A63X80SFH1/2"130FCC2.5G25000SL | 1/2" | 0.945" | 1.22" | M10 | 5.118" | 1.811" |
| HK0.A6380.5/8z5118.SFF | HSK-A63X80SFH5/8"130FCC2.5G25000SL | 5/8" | 1.063" | 1.339" | M12 | 5.118" | 1.929" |
| HK0.A6380.3/4z5118.SFF | HSK-A63X80SFH3/4"130FCC2.5G25000SL | 3/4" | 1.299" | 1.575" | M16 | 5.118" | 2.008" |

# HSK-A63 (DIN 69893 - 1)
# Shrink Fit Holder Slim 3 Degree (SFH SLIM 3°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

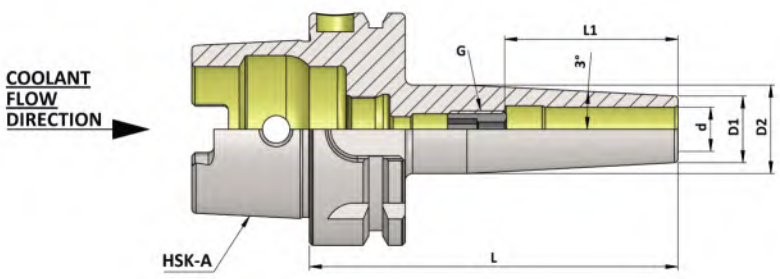



**METRIC**

| HSK-A63 (DIN 69893-1) (SFH SLIM 3°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.A63.3m80.SF3 | HSK-A 63 SFH03 080 SLIM 2.5G 25000 SL | 3 | 9 | 14 | — | 80 | 12 |
| HK0.A63.3m120.SF3 | HSK-A 63 SFH03 120 SLIM 2.5G 25000 SL | 3 | 9 | 18 | — | 120 | 12 |
| HK0.A63.3m160.SF3 | HSK-A 63 SFH03 160 SLIM 2.5G 25000 SL | 3 | 9 | 19 | — | 160 | 12 |
| HK0.A63.4m80.SF3 | HSK-A 63 SFH04 080 SLIM 2.5G 25000 SL | 4 | 10 | 15 | — | 80 | 14 |
| HK0.A63.4m120.SF3 | HSK-A 63 SFH04 120 SLIM 2.5G 25000 SL | 4 | 10 | 19 | — | 120 | 14 |
| HK0.A63.4m160.SF3 | HSK-A 63 SFH04 160 SLIM 2.5G 25000 SL | 4 | 10 | 23 | — | 160 | 14 |
| HK0.A63.5m80.SF3 | HSK-A 63 SFH05 080 SLIM 2.5G 25000 SL | 5 | 11 | 16 | — | 80 | 15 |
| HK0.A63.5m120.SF3 | HSK-A 63 SFH05 120 SLIM 2.5G 25000 SL | 5 | 11 | 20 | — | 120 | 15 |
| HK0.A63.5m160.SF3 | HSK-A 63 SFH05 160 SLIM 2.5G 25000 SL | 5 | 11 | 24 | — | 160 | 15 |
| HK0.A63.6m80.SF3 | HSK-A 63 SFH06 080 SLIM 2.5G 25000 SL | 6 | 12 | 17 | M5 | 80 | 36 |
| HK0.A63.6m120.SF3 | HSK-A 63 SFH06 120 SLIM 2.5G 25000 SL | 6 | 12 | 21 | M5 | 120 | 36 |
| HK0.A63.6m160.SF3 | HSK-A 63 SFH06 160 SLIM 2.5G 25000 SL | 6 | 12 | 25 | M5 | 160 | 36 |
| HK0.A63.8m80.SF3 | HSK-A 63 SFH08 080 SLIM 2.5G 25000 SL | 8 | 14 | 19 | M6 | 80 | 36 |
| HK0.A63.8m120.SF3 | HSK-A 63 SFH08 120 SLIM 2.5G 25000 SL | 8 | 14 | 23 | M6 | 120 | 36 |
| HK0.A63.8m160.SF3 | HSK-A 63 SFH08 160 SLIM 2.5G 25000 SL | 8 | 14 | 27 | M6 | 160 | 36 |
| HK0.A63.10m85.SF3 | HSK-A 63 SFH10 085 SLIM 2.5G 25000 SL | 10 | 16 | 21.5 | M8 | 85 | 41 |
| HK0.A63.10m120.SF3 | HSK-A 63 SFH10 120 SLIM 2.5G 25000 SL | 10 | 16 | 25 | M8 | 120 | 41 |
| HK0.A63.10m160.SF3 | HSK-A 63 SFH10 160 SLIM 2.5G 25000 SL | 10 | 16 | 29 | M8 | 160 | 41 |
| HK0.A63.12m90.SF3 | HSK-A 63 SFH12 090 SLIM 2.5G 25000 SL | 12 | 18 | 24 | M10 | 90 | 46 |
| HK0.A63.12m120.SF3 | HSK-A 63 SFH12 120 SLIM 2.5G 25000 SL | 12 | 18 | 27 | M10 | 120 | 46 |
| HK0.A63.12m160.SF3 | HSK-A 63 SFH12 160 SLIM 2.5G 25000 SL | 12 | 18 | 31 | M10 | 160 | 46 |
| HK0.A63.14m90.SF3 | HSK-A 63 SFH14 090 SLIM 2.5G 25000 SL | 14 | 20 | 26 | M10 | 90 | 46 |
| HK0.A63.14m120.SF3 | HSK-A 63 SFH14 120 SLIM 2.5G 25000 SL | 14 | 20 | 29 | M10 | 120 | 46 |
| HK0.A63.14m160.SF3 | HSK-A 63 SFH14 160 SLIM 2.5G 25000 SL | 14 | 20 | 32 | M10 | 160 | 46 |
| HK0.A63.16m95.SF3 | HSK-A 63 SFH16 095 SLIM 2.5G 25000 SL | 16 | 22 | 28 | M12 | 95 | 49 |
| HK0.A63.16m120.SF3 | HSK-A 63 SFH16 120 SLIM 2.5G 25000 SL | 16 | 22 | 31 | M12 | 120 | 49 |
| HK0.A63.16m160.SF3 | HSK-A 63 SFH16 160 SLIM 2.5G 25000 SL | 16 | 22 | 34 | M12 | 160 | 49 |
| HK0.A63.18m95.SF3 | HSK-A 63 SFH18 095 SLIM 2.5G 25000 SL | 18 | 24 | 30 | M12 | 95 | 49 |
| HK0.A63.18m120.SF3 | HSK-A 63 SFH18 120 SLIM 2.5G 25000 SL | 18 | 24 | 33 | M12 | 120 | 49 |
| HK0.A63.18m160.SF3 | HSK-A 63 SFH18 160 SLIM 2.5G 25000 SL | 18 | 24 | 36 | M12 | 160 | 49 |
| HK0.A63.20m100.SF3 | HSK-A 63 SFH20 100 SLIM 2.5G 25000 SL | 20 | 26 | 32 | M16 | 100 | 51 |
| HK0.A63.20m120.SF3 | HSK-A 63 SFH20 120 SLIM 2.5G 25000 SL | 20 | 26 | 35 | M16 | 120 | 51 |
| HK0.A63.20m160.SF3 | HSK-A 63 SFH20 160 SLIM 2.5G 25000 SL | 20 | 26 | 38 | M16 | 160 | 51 |

# HSK-A63 (DIN 69893 - 1)
# Shrink Fit Holder Slim 3 Degree (SFH SLIM 3°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

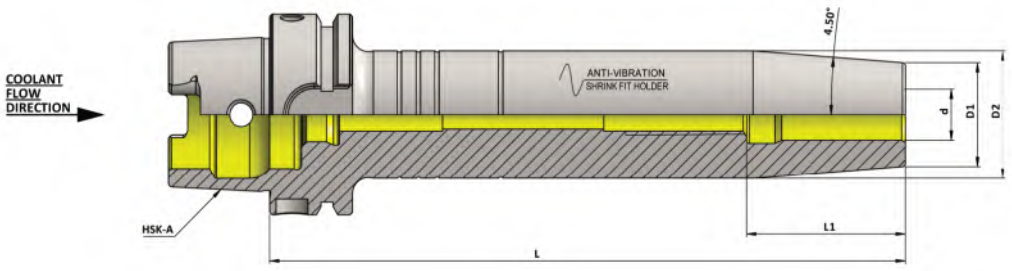



**INCH**

| HSK-A63 (DIN 69893-1) (SFH SLIM 3°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.A63.1/8z315.SF3 | HSK-A 63 SFH1/8'' 080 SLIM /2.5G 25000 SL | 1/8" | 0.354" | 0.551" | — | 3.15" | 0.472" |
| HK0.A63.1/8z4724.SF3 | HSK-A 63 SFH1/8'' 120 SLIM /2.5G 25000 SL | 1/8" | 0.354" | 0.709" | — | 4.724" | 0.472" |
| HK0.A63.1/8z6299.SF3 | HSK-A 63 SFH1/8'' 160 SLIM /2.5G 25000 SL | 1/8" | 0.354" | 0.748" | — | 6.299" | 0.472" |
| HK0.A63.3/16z315.SF3 | HSK-A 63 SFH3/16'' 080 SLIM /2.5G 25000 SL | 3/16" | 0.394" | 0.591" | — | 3.15" | 0.551" |
| HK0.A63.3/16z4724.SF3 | HSK-A 63 SFH3/16'' 120 SLIM /2.5G 25000 SL | 3/16" | 0.394" | 0.748" | — | 4.724" | 0.551" |
| HK0.A63.3/16z6299.SF3 | HSK-A 63 SFH3/16'' 160 SLIM /2.5G 25000 SL | 3/16" | 0.394" | 0.906" | — | 6.299" | 0.551" |
| HK0.A63.1/4z315.SF3 | HSK-A 63 SFH1/4'' 080 SLIM /2.5G 25000 SL | 1/4" | 0.472" | 0.669" | M5 | 3.15" | 1.417" |
| HK0.A63.1/4z4724.SF3 | HSK-A 63 SFH1/4'' 120 SLIM /2.5G 25000 SL | 1/4" | 0.472" | 0.827" | M5 | 4.724" | 1.417" |
| HK0.A63.1/4z6299.SF3 | HSK-A 63 SFH1/4'' 160 SLIM /2.5G 25000 SL | 1/4" | 0.472" | 0.984" | M5 | 6.299" | 1.417" |
| HK0.A63.5/16z315.SF3 | HSK-A 63 SFH5/16'' 080 SLIM /2.5G 25000 SL | 5/16" | 0.551" | 0.748" | M6 | 3.15" | 1.417" |
| HK0.A63.5/16z4724.SF3 | HSK-A 63 SFH5/16'' 120 SLIM /2.5G 25000 SL | 5/16" | 0.551" | 0.906" | M6 | 4.724" | 1.417" |
| HK0.A63.5/16z6299.SF3 | HSK-A 63 SFH5/16'' 160 SLIM /2.5G 25000 SL | 5/16" | 0.551" | 1.063" | M6 | 6.299" | 1.417" |
| HK0.A63.3/8z3346.SF3 | HSK-A 63 SFH3/8'' 085 SLIM /2.5G 25000 SL | 3/8" | 0.63" | 0.846" | M8 | 3.346" | 1.614" |
| HK0.A63.3/8z4724.SF3 | HSK-A 63 SFH3/8'' 120 SLIM /2.5G 25000 SL | 3/8" | 0.63" | 0.984" | M8 | 4.724" | 1.614" |
| HK0.A63.3/8z6299.SF3 | HSK-A 63 SFH3/8'' 160 SLIM /2.5G 25000 SL | 3/8" | 0.63" | 1.142" | M8 | 6.299" | 1.614" |
| HK0.A63.1/2z3543.SF3 | HSK-A 63 SFH1/2'' 090 SLIM /2.5G 25000 SL | 1/2" | 0.709" | 0.945" | M10 | 3.543" | 1.811" |
| HK0.A63.1/2z4724.SF3 | HSK-A 63 SFH1/2'' 120 SLIM /2.5G 25000 SL | 1/2" | 0.709" | 1.063" | M10 | 4.724" | 1.811" |
| HK0.A63.1/2z6299.SF3 | HSK-A 63 SFH1/2'' 160 SLIM /2.5G 25000 SL | 1/2" | 0.709" | 1.22" | M10 | 6.299" | 1.811" |
| HK0.A63.5/8z374.SF3 | HSK-A 63 SFH5/8'' 095 SLIM /2.5G 25000 SL | 5/8" | 0.866" | 1.102" | M12 | 3.74" | 1.929" |
| HK0.A63.5/8z4724.SF3 | HSK-A 63 SFH5/8'' 120 SLIM /2.5G 25000 SL | 5/8" | 0.866" | 1.22" | M12 | 4.724" | 1.929" |
| HK0.A63.5/8z6299.SF3 | HSK-A 63 SFH5/8'' 160 SLIM /2.5G 25000 SL | 5/8" | 0.866" | 1.339" | M12 | 6.299" | 1.929" |
| HK0.A63.3/4z3937.SF3 | HSK-A 63 SFH3/4'' 100 SLIM /2.5G 25000 SL | 3/4" | 1.024" | 1.26" | M16 | 3.937" | 2.008" |
| HK0.A63.3/4z4724.SF3 | HSK-A 63 SFH3/4'' 120 SLIM /2.5G 25000 SL | 3/4" | 1.024" | 1.378" | M16 | 4.724" | 2.008" |
| HK0.A63.3/4z6299.SF3 | HSK-A 63 SFH3/4'' 160 SLIM /2.5G 25000 SL | 3/4" | 1.024" | 1.496" | M16 | 6.299" | 2.008" |

# HSK-A63 (DIN 69893-1) Shrink Fit Holder
# 4.5 Degree Anti - Vibration (SFH 4.5°- AV)

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm




**METRIC**

**HSK-A63 (DIN 69893-1) (SFH 4.5⁰- AV)**

| Product Code | ITEM NAME | d | D1 | D2 | L | L1 |
|---|---|---|---|---|---|---|
| HK0.A63.16m200.SFV.AV | HSK-A 63 SFH16 200 AV | 16 | 27 | 34 | 200 | 49 |
| HK0.A63.16m250.SFV.AV | HSK-A 63 SFH16 250 AV | 16 | 27 | 34 | 250 | 49 |
| HK0.A63.16m300.SFV.AV | HSK-A 63 SFH16 300 AV | 16 | 27 | 34 | 300 | 49 |
| HK0.A63.18m200.SFV.AV | HSK-A 63 SFH18 200 AV | 18 | 33 | 40 | 200 | 49 |
| HK0.A63.18m250.SFV.AV | HSK-A 63 SFH18 250 AV | 18 | 33 | 40 | 250 | 49 |
| HK0.A63.18m300.SFV.AV | HSK-A 63 SFH18 300 AV | 18 | 33 | 40 | 300 | 49 |
| HK0.A63.20m200.SFV.AV | HSK-A 63 SFH20 200 AV | 20 | 33 | 40 | 200 | 51 |
| HK0.A63.20m250.SFV.AV | HSK-A 63 SFH20 250 AV | 20 | 33 | 40 | 250 | 51 |
| HK0.A63.20m300.SFV.AV | HSK-A 63 SFH20 300 AV | 20 | 33 | 40 | 300 | 51 |
| HK0.A63.25m200.SFV.AV | HSK-A 63 SFH25 200 AV | 25 | 44 | 53 | 200 | 57 |
| HK0.A63.25m250.SFV.AV | HSK-A 63 SFH25 250 AV | 25 | 44 | 53 | 250 | 57 |
| HK0.A63.25m300.SFV.AV | HSK-A 63 SFH25 300 AV | 25 | 44 | 53 | 300 | 57 |
| HK0.A63.32m200.SFV.AV | HSK-A 63 SFH32 200 AV | 32 | 44 | 53 | 200 | 61 |
| HK0.A63.32m250.SFV.AV | HSK-A 63 SFH32 250 AV | 32 | 44 | 53 | 250 | 61 |
| HK0.A63.32m300.SFV.AV | HSK-A 63 SFH32 300 AV | 32 | 44 | 53 | 300 | 61 |

**INCH**

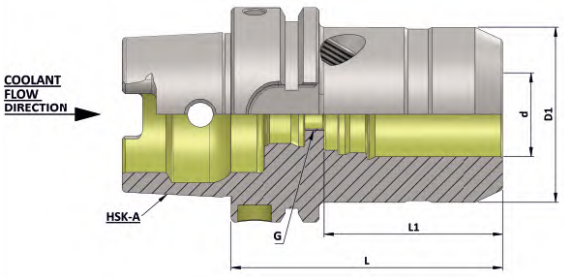
**HSK-A63 (DIN 69893-1) (SFH 4.5⁰- AV)**

| Product Code | ITEM NAME | d | D1 | D2 | L | L1 |
|---|---|---|---|---|---|---|
| HK0.A63.5/8z7874.SFV.AV | HSK-A 63 SFH5/8'' 200 AV | 5/8" | 1.063" | 1.339" | 7.874" | 1.929" |
| HK0.A63.5/8z9843.SFV.AV | HSK-A 63 SFH5/8'' 250 AV | 5/8" | 1.063" | 1.339" | 9.843" | 1.929" |
| HK0.A63.5/8z11811.SFV.AV | HSK-A 63 SFH5/8'' 300 AV | 5/8" | 1.063" | 1.339" | 11.811" | 1.929" |
| HK0.A63.3/4z7874.SFV.AV | HSK-A 63 SFH3/4'' 200 AV | 3/4" | 1.299" | 1.575" | 7.874" | 2.008" |
| HK0.A63.3/4z9843.SFV.AV | HSK-A 63 SFH3/4'' 250 AV | 3/4" | 1.299" | 1.575" | 9.843" | 2.008" |
| HK0.A63.3/4z11811.SFV.AV | HSK-A 63 SFH3/4'' 300 AV | 3/4" | 1.299" | 1.575" | 11.811" | 2.008" |
| HK0.A63.1z7874.SFV.AV | HSK-A 63 SFH1.0'' 200 AV | 1.0" | 1.732" | 2.087" | 7.874" | 2.244" |
| HK0.A63.1z9843.SFV.AV | HSK-A 63 SFH1.0'' 250 AV | 1.0" | 1.732" | 2.087" | 9.843" | 2.244" |
| HK0.A63.1z11811.SFV.AV | HSK-A 63 SFH1.0'' 300 AV | 1.0" | 1.732" | 2.087" | 11.811" | 2.244" |
| HK0.A63.11/4z7874.SFV.AV | HSK-A 63 SFH1-1/4'' 200 AV | 1-1/4" | 1.732" | 2.087" | 7.874" | 2.402" |
| HK0.A63.11/4z9843.SFV.AV | HSK-A 63 SFH1-1/4'' 250 AV | 1-1/4" | 1.732" | 2.087" | 9.843" | 2.402" |
| HK0.A63.11/4z11811.SFV.AV | HSK-A 63 SFH1-1/4'' 300 AV | 1-1/4" | 1.732" | 2.087" | 11.811" | 2.402" |

# HSK-A63 (DIN 69893-1) Form A
# Hydraulic Expansion Chuck

HEAVY DUTY

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

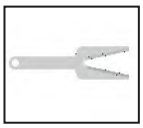
| HSK-A63 (DIN 69893-1) Hydraulic Expansion Chuck | | | | | | |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 |
| HK0.A63.12m80.HCS | HSK-A63HC12S0802.5G25000SL | 12 | 42 | - | 80 | 40 |
| HK0.A63.20m80.HCS | HSK-A63HC20S0802.5G25000SL | 20 | 50 | - | 80 | 42 |

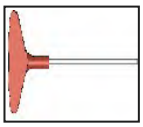
**INCH**

| HSK-A63 (DIN 69893-1) Hydraulic Expansion Chuck | | | | | | |
|---|---|---|---|---|---|---|
| Product Code | Item Name | d | D1 | G | L | L1 |
| HK0.A63.1/2z315.HCS | HSK-A63HC1/2''S0802.5G25000SL | 1/2" | 1.654" | - | 3.15" | 1.575" |
| HK0.A63.3/4z315.HCS | HSK-A63HC3/4''S0802.5G25000SL | 3/4" | 1.969" | - | 3.15" | 1.654" |

## Accessories:

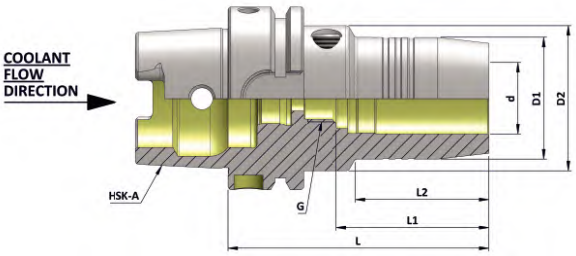

REDUCTION SLEEVE SEAL

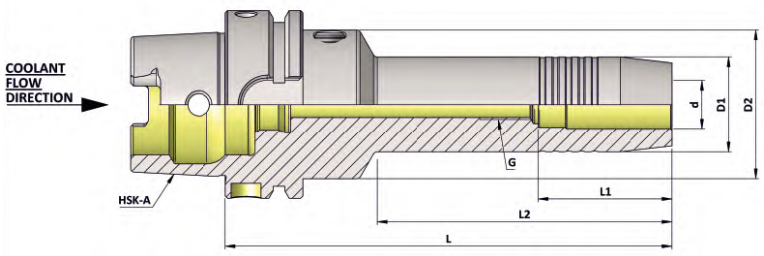

SPANNER HC


KEY HC 5MM

# HSK-A63 (DIN 69893-1)
# Form A Hydraulic Expansion Chuck

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm



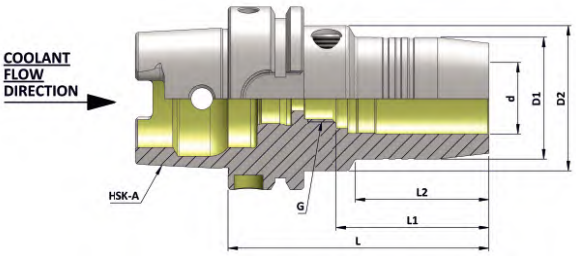

**METRIC**

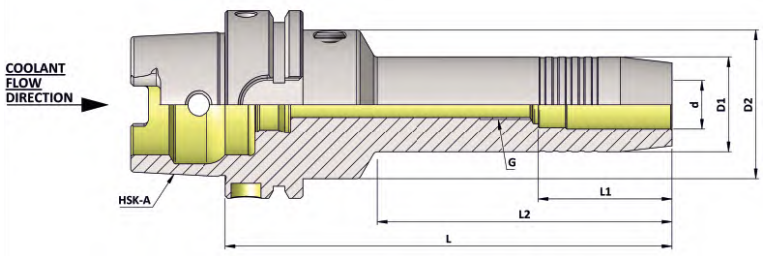
**HSK-A63 (DIN 69893-1) Hydraulic Expansion Chuck**

| Product Code | Item Name | d | D1 | D2 | G | L | L1 | L2 |
|---|---|---|---|---|---|---|---|---|
| HK0.A63.6m70.HCS | HSK-A 63 HC06 070 2.5G 25000 SL | 6 | 26 | 50 | M5 | 70 | 37 | 24 |
| HK0.A63.6m120.HCS | HSK-A 63 HC06 120 2.5G 25000 SL | 6 | 26 | 50 | M5 | 120 | 37 | 73 |
| HK0.A63.6m150.HCS | HSK-A 63 HC06 150 2.5G 25000 SL | 6 | 26 | 50 | M5 | 150 | 37 | 103 |
| HK0.A63.6m200.HCS | HSK-A 63 HC06 200 2.5G 25000 SL | 6 | 26 | 50 | M5 | 200 | 37 | 153 |
| HK0.A63.8m70.HCS | HSK-A 63 HC08 070 2.5G 25000 SL | 8 | 28 | 50 | M6 | 70 | 37 | 25 |
| HK0.A63.8m120.HCS | HSK-A 63 HC08 120 2.5G 25000 SL | 8 | 28 | 50 | M6 | 120 | 37 | 74 |
| HK0.A63.8m150.HCS | HSK-A 63 HC08 150 2.5G 25000 SL | 8 | 28 | 50 | M6 | 150 | 37 | 104 |
| HK0.A63.8m200.HCS | HSK-A 63 HC08 200 2.5G 25000 SL | 8 | 28 | 50 | M6 | 200 | 37 | 154 |
| HK0.A63.10m80.HCS | HSK-A 63 HC10 080 2.5G 25000 SL | 10 | 30 | 50 | M8 | 80 | 41 | 35 |
| HK0.A63.10m120.HCS | HSK-A 63 HC10 120 2.5G 25000 SL | 10 | 30 | 50 | M8 | 120 | 41 | 74 |
| HK0.A63.10m150.HCS | HSK-A 63 HC10 150 2.5G 25000 SL | 10 | 30 | 50 | M8 | 150 | 41 | 104 |
| HK0.A63.10m200.HCS | HSK-A 63 HC10 200 2.5G 25000 SL | 10 | 30 | 50 | M8 | 200 | 41 | 154 |
| HK0.A63.12m85.HCS | HSK-A 63 HC12 085 2.5G 25000 SL | 12 | 32 | 50 | M10 | 85 | 46 | 40 |
| HK0.A63.12m120.HCS | HSK-A 63 HC12 120 2.5G 25000 SL | 12 | 32 | 50 | M10 | 120 | 46 | 75 |
| HK0.A63.12m150.HCS | HSK-A 63 HC12 150 2.5G 25000 SL | 12 | 32 | 50 | M10 | 150 | 46 | 105 |
| HK0.A63.12m200.HCS | HSK-A 63 HC12 200 2.5G 25000 SL | 12 | 32 | 50 | M10 | 200 | 46 | 155 |
| HK0.A63.14m85.HCS | HSK-A 63 HC14 085 2.5G 25000 SL | 14 | 34 | 50 | M10 | 85 | 46 | 40 |
| HK0.A63.14m120.HCS | HSK-A 63 HC14 120 2.5G 25000 SL | 14 | 34 | 50 | M10 | 120 | 46 | 75 |
| HK0.A63.14m150.HCS | HSK-A 63 HC14 150 2.5G 25000 SL | 14 | 34 | 50 | M10 | 150 | 46 | 105 |

# HSK-A63 (DIN 69893-1)
# Form A Hydraulic Expansion Chuck

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm



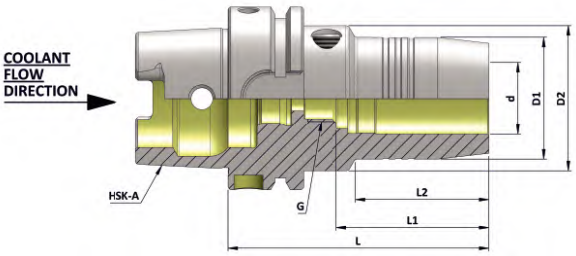

**METRIC**

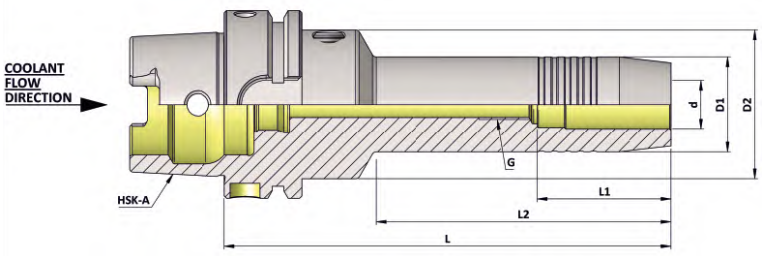
**HSK-A63 (DIN 69893-1) Hydraulic Expansion Chuck**

| Product Code | Item Name | d | D1 | D2 | G | L | L1 | L2 |
|---|---|---|---|---|---|---|---|---|
| HK0.A63.14m200.HCS | HSK-A 63 HC14 200 2.5G 25000 SL | 14 | 34 | 50 | M10 | 200 | 46 | 155 |
| HK0.A63.16m90.HCS | HSK-A 63 HC16 090 2.5G 25000 SL | 16 | 38 | 50 | M12 | 90 | 49 | 46 |
| HK0.A63.16m120.HCS | HSK-A 63 HC16 120 2.5G 25000 SL | 16 | 38 | 50 | M12 | 120 | 49 | 76 |
| HK0.A63.16m150.HCS | HSK-A 63 HC16 150 2.5G 25000 SL | 16 | 38 | 50 | M12 | 150 | 49 | 106 |
| HK0.A63.16m200.HCS | HSK-A 63 HC16 200 2.5G 25000 SL | 16 | 38 | 50 | M12 | 200 | 49 | 156 |
| HK0.A63.18m90.HCS | HSK-A 63 HC18 090 2.5G 25000 SL | 18 | 40 | 50 | M12 | 90 | 49 | 47 |
| HK0.A63.18m120.HCS | HSK-A 63 HC18 120 2.5G 25000 SL | 18 | 40 | 50 | M12 | 120 | 49 | 77 |
| HK0.A63.18m150.HCS | HSK-A 63 HC18 150 2.5G 25000 SL | 18 | 40 | 50 | M12 | 150 | 49 | 107 |
| HK0.A63.18m200.HCS | HSK-A 63 HC18 200 2.5G 25000 SL | 18 | 40 | 50 | M12 | 200 | 49 | 157 |
| HK0.A63.20m90.HCS | HSK-A 63 HC20 090 2.5G 25000 SL | 20 | 42 | 50 | M16 | 90 | 51 | 48 |
| HK0.A63.20m120.HCS | HSK-A 63 HC20 120 2.5G 25000 SL | 20 | 42 | 50 | M16 | 120 | 51 | 78 |
| HK0.A63.20m150.HCS | HSK-A 63 HC20 150 2.5G 25000 SL | 20 | 42 | 50 | M16 | 150 | 51 | 108 |
| HK0.A63.20m200.HCS | HSK-A 63 HC20 200 2.5G 25000 SL | 20 | 42 | 50 | M16 | 200 | 51 | 158 |
| HK0.A63.25m120.HCS | HSK-A 63 HC25 120 2.5G 25000 SL | 25 | 57 | 50 | M16 | 120 | 57 | 63 |
| HK0.A63.32m125.HCS | HSK-A 63 HC32 125 2.5G 25000 SL | 32 | 63 | 50 | M16 | 125 | 61 | 61 |

# HSK-A63 (DIN 69893-1)
# Form A Hydraulic Expansion Chuck

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm



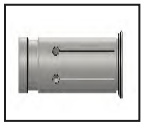




**INCH**

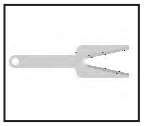
**HSK-A63 (DIN 69893-1) Hydraulic Expansion Chuck**

| Product Code | Item Name | d | D1 | D2 | G | L | L1 | L2 |
|---|---|---|---|---|---|---|---|---|
| HK0.A63.1/4z2756.HCS | HSK-A 63 HC1/4'' 070 2.5G 25000 SL | 1/4'' | 1.024" | 1.969" | M5 | 2.756" | 1.457" | 0.945" |
| HK0.A63.1/4z4724.HCS | HSK-A 63 HC1/4'' 120 2.5G 25000 SL | 1/4'' | 1.024" | 1.969" | M5 | 4.724" | 1.457" | 2.874" |
| HK0.A63.1/4z5906.HCS | HSK-A 63 HC1/4'' 150 2.5G 25000 SL | 1/4'' | 1.024" | 1.969" | M5 | 5.906" | 1.457" | 4.055" |
| HK0.A63.1/4z7874.HCS | HSK-A 63 HC1/4'' 200 2.5G 25000 SL | 1/4'' | 1.024" | 1.969" | M5 | 7.874" | 1.457" | 6.024" |
| HK0.A63.5/16z2756.HCS | HSK-A63HC5/16''0702.5G25000SL | 5/16'' | 1.102" | 1.969" | M6 | 2.756" | 1.457" | 0.984" |
| HK0.A63.5/16z4724.HCS | HSK-A63HC5/16''1202.5G25000SL | 5/16'' | 1.102" | 1.969" | M6 | 4.724" | 1.457" | 2.913" |
| HK0.A63.5/16z5906.HCS | HSK-A63HC5/16''1502.5G25000SL | 5/16'' | 1.102" | 1.969" | M6 | 5.906" | 1.457" | 4.094" |
| HK0.A63.5/16z7874.HCS | HSK-A63HC5/16''2002.5G25000SL | 5/16'' | 1.102" | 1.969" | M6 | 7.874" | 1.457" | 6.063" |
| HK0.A63.3/8z315.HCS | HSK-A 63 HC3/8'' 080 2.5G 25000 SL | 3/8'' | 1.181" | 1.969" | M8 | 3.15" | 1.614" | 1.378" |
| HK0.A63.3/8z4724.HCS | HSK-A 63 HC3/8'' 120 2.5G 25000 SL | 3/8'' | 1.181" | 1.969" | M8 | 4.724" | 1.614" | 2.913" |
| HK0.A63.3/8z5906.HCS | HSK-A 63 HC3/8'' 150 2.5G 25000 SL | 3/8'' | 1.181" | 1.969" | M8 | 5.906" | 1.614" | 4.094" |
| HK0.A63.3/8z7874.HCS | HSK-A 63 HC3/8'' 200 2.5G 25000 SL | 3/8'' | 1.181" | 1.969" | M8 | 7.874" | 1.614" | 6.063" |
| HK0.A63.1/2z3346.HCS | HSK-A 63 HC1/2'' 085 2.5G 25000 SL | 1/2'' | 1.26" | 1.969" | M10 | 3.346" | 1.811" | 1.575" |
| HK0.A63.1/2z4724.HCS | HSK-A 63 HC1/2'' 120 2.5G 25000 SL | 1/2'' | 1.26" | 1.969" | M10 | 4.724" | 1.811" | 2.953" |
| HK0.A63.1/2z5906.HCS | HSK-A 63 HC1/2'' 150 2.5G 25000 SL | 1/2'' | 1.26" | 1.969" | M10 | 5.906" | 1.811" | 4.134" |
| HK0.A63.1/2z7874.HCS | HSK-A 63 HC1/2'' 200 2.5G 25000 SL | 1/2'' | 1.26" | 1.969" | M10 | 7.874" | 1.811" | 6.102" |
| HK0.A63.5/8z3543.HCS | HSK-A 63 HC5/8'' 090 2.5G 25000 SL | 5/8'' | 1.496" | 1.969" | M12 | 3.543" | 1.929" | 1.811" |
| HK0.A63.5/8z4724.HCS | HSK-A 63 HC5/8'' 120 2.5G 25000 SL | 5/8'' | 1.496" | 1.969" | M12 | 4.724" | 1.929" | 2.992" |
| HK0.A63.5/8z5906.HCS | HSK-A 63 HC5/8'' 150 2.5G 25000 SL | 5/8'' | 1.496" | 1.969" | M12 | 5.906" | 1.929" | 4.173" |
| HK0.A63.5/8z7874.HCS | HSK-A 63 HC5/8'' 200 2.5G 25000 SL | 5/8'' | 1.496" | 1.969" | M12 | 7.874" | 1.929" | 6.142" |
| HK0.A63.3/4z3543.HCS | HSK-A 63 HC3/4'' 090 2.5G 25000 SL | 3/4'' | 1.654" | 1.969" | M16 | 3.543" | 2.008" | 1.89" |
| HK0.A63.3/4z4724.HCS | HSK-A 63 HC3/4'' 120 2.5G 25000 SL | 3/4'' | 1.654" | 1.969" | M16 | 4.724" | 2.008" | 3.071" |
| HK0.A63.3/4z5906.HCS | HSK-A 63 HC3/4'' 150 2.5G 25000 SL | 3/4'' | 1.654" | 1.969" | M16 | 5.906" | 2.008" | 4.252" |
| HK0.A63.3/4z7874.HCS | HSK-A 63 HC3/4'' 200 2.5G 25000 SL | 3/4'' | 1.654" | 1.969" | M16 | 7.874" | 2.008" | 6.22" |
| HK0.A63.1z4724.HCS | HSK-A 63 HC1'' 120 2.5G 25000 SL | 1'' | 2.244" | 1.969" | M16 | 4.724" | 2.244" | 2.480" |
| HK0.A63.11/4z4921.HCS | HSK-A63HC1-1/4''1252.5G25000SL | 1-1/4'' | 2.48" | 1.969" | M16 | 4.921" | 2.402" | 2.402" |

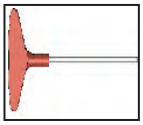
## Accessories:



REDUCTION SLEEVE SEAL



SPANNER HC

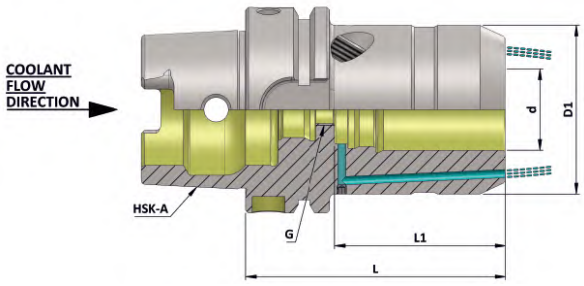


KEY HC 5MM

# HSK-A63 (DIN 69893-1) Form A
# Hydraulic Expansion Chuck

HEAVY DUTY

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

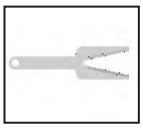
| HSK-A63 (DIN 69893-1) Hydraulic Expansion Chuck (FCC) | | | | | | |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 |
| HK0.A63.12m80.HDF | HSK-A63HC12S080FCC2.5G25000SL | 12 | 42 | - | 80 | 40 |
| HK0.A63.20m80.HDF | HSK-A63HC20S080FCC2.5G25000SL | 20 | 50 | - | 80 | 42 |

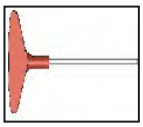
**INCH**

| HSK-A63 (DIN 69893-1) Hydraulic Expansion Chuck (FCC) | | | | | | |
|---|---|---|---|---|---|---|
| Product Code | Item Name | d | D1 | G | L | L1 |
| HK0.A63.1/2z315.HDF | HSK-A63HC1/2''S080FCC2.5G25000SL | 1/2" | 1.654" | - | 3.15" | 1.575" |
| HK0.A63.3/4z315.HDF | HSK-A63HC3/4''S080FCC2.5G25000SL | 3/4" | 1.969" | - | 3.15" | 1.654" |

## Accessories:

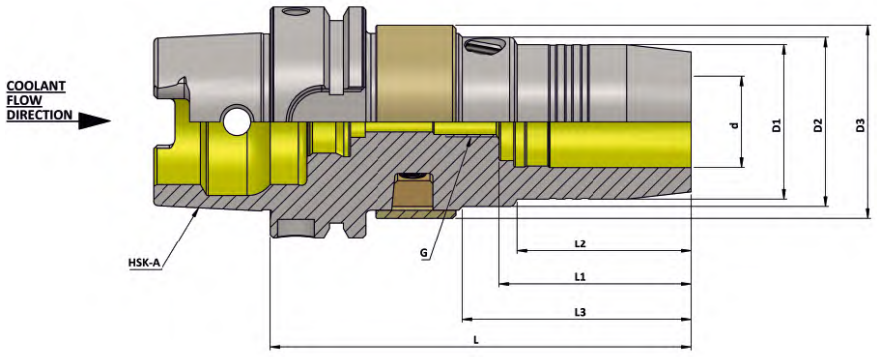

REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

# HSK-A63 (DIN 69893-1) Hydraulic Expansion Chuck With Run Out Adjustment

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

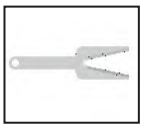
| HSK-A63 (DIN 69893-1) Hydraulic Expansion Chuck Run Out Adjustment | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 | L3 |
| HK0.A63.20m115.HRO.AD | HSK-A63 HC20 115 AD/RA 2.5G 25000 SL | 20 | 42 | 46 | 52.5 | M8 | 115 | 51 | 50 | 65.5 |
| HK0.A63.32m150.HRO.AD | HSK-A63 HC32 150 AD/RA 2.5G 25000 SL | 32 | 42 | 46 | 52.5 | M8 | 150 | 51 | 50 | 65.5 |

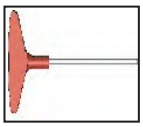
**INCH**

| HSK-A63 (DIN 69893-1) Hydraulic Expansion Chuck Run Out Adjustment | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 | L3 |
| HK0.A63.3/4z4528.HRO.AD | HSK-A 63 HC3/4'' 115 AD/RA 2.5G 25000 SL | 3/4" | 1.654" | 1.811" | 2.067" | M8 | 4.528" | 2.008" | 1.969" | 2.579" |
| HK0.A63.11/4z5906.HRO.AD | HSK-A63 HC1-1/4'' 150 AD/RA 2.5G 25000 SL | 1-1/4" | 1.654" | 1.811" | 2.067" | M8 | 5.906" | 2.008" | 1.969" | 2.579" |

## Accessories:

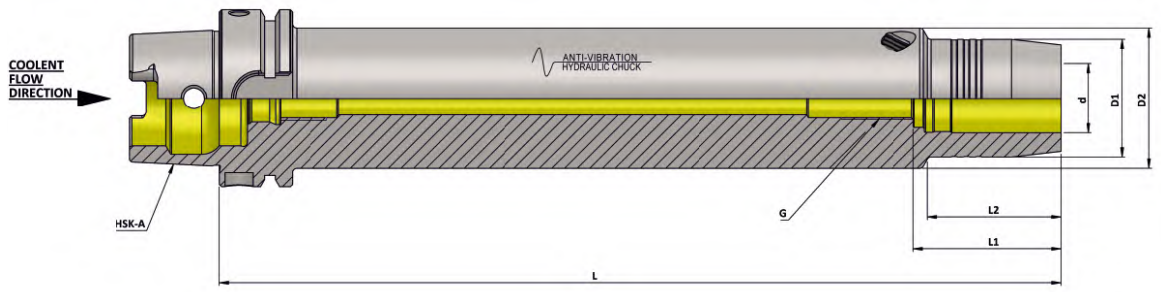

REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

# HSK-A63 (DIN 69893-1) Hydraulic Expansion Chuck Anti - Vibration (HC-AD/AV)

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm




**METRIC**

| HSK-A63 (DIN 69893-1) Hydraulic Expansion Chuck Anti - Vibration (HC-AD/AV) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
| HK0.A63.20m200.HCV.ADAV | HSK-A 63 HC20 200 AD/AV | 20 | 42 | 50 | M16 | 200 | 51 | 47 |
| HK0.A63.20m250.HCV.ADAV | HSK-A 63 HC20 250 AD/AV | 20 | 42 | 50 | M16 | 250 | 51 | 47 |
| HK0.A63.20m300.HCV.ADAV | HSK-A 63 HC20 300 AD/AV | 20 | 42 | 50 | M16 | 300 | 51 | 47 |

**INCH**

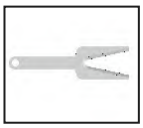
| HSK-A63 (DIN 69893-1) Hydraulic Expansion Chuck Anti - Vibration (HC-AD/AV) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
| HK0.A63.3/4z7874.HCV.ADAV | HSK-A 63 HC3/4'' 200 AD/AV | 3/4'' | 1.654" | 1.969" | M16 | 7.874" | 2.008" | 1.85" |
| HK0.A63.3/4z9843.HCV.ADAV | HSK-A 63 HC3/4'' 250 AD/AV | 3/4'' | 1.654" | 1.969" | M16 | 9.843" | 2.008" | 1.85" |
| HK0.A63.3/4z11811.HCV.ADAV | HSK-A 63 HC3/4'' 300 AD/AV | 3/4'' | 1.654" | 1.969" | M16 | 11.811" | 2.008" | 1.85" |

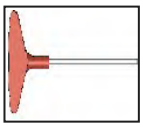
**METRIC**

| HSK-A63 (DIN 69893-1) Hydraulic Expansion Chuck Anti - Vibration (HC-AD/AV) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
| HK0.A63.25m200.HCV.ADAV | HSK-A 63 HC25 200 AD/AV | 25 | 52 | 55 | M16 | 200 | 57 | 50 |
| HK0.A63.25m250.HCV.ADAV | HSK-A 63 HC25 250 AD/AV | 25 | 52 | 55 | M16 | 250 | 57 | 50 |
| HK0.A63.25m350.HCV.ADAV | HSK-A 63 HC25 300 AD/AV | 25 | 52 | 55 | M16 | 350 | 57 | 50 |

## Accessories:

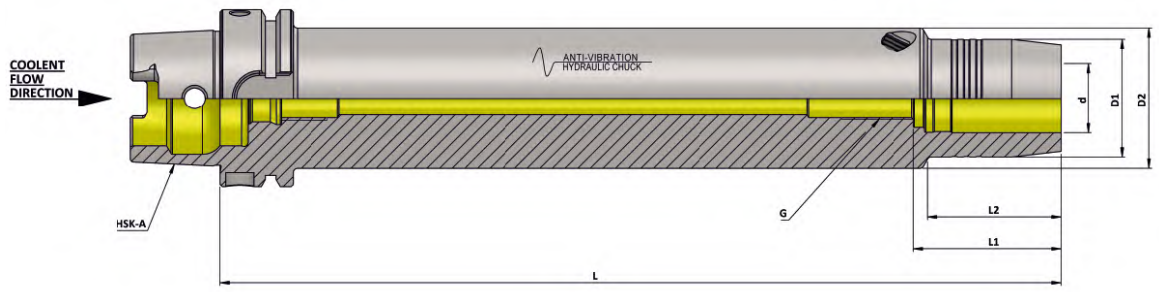

REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

# HSK-A63 (DIN 69893-1) Hydraulic Expansion Chuck Anti - Vibration (HC-AD/AV)

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm




**INCH**

| HSK-A63 (DIN 69893-1) Hydraulic Expansion Chuck Anti - Vibration (HC-AD/AV) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Product Code | Item Name | d | D1 | D2 | G | L | L1 | L2 |
| HK0.A63.1z200.HCV.ADAV | HSK-A 63 HC 1.0'' 200 AD/AV | 1.0'' | 2.047" | 2.165" | M16 | 7.874" | 2.244" | 1.969" |
| HK0.A63.1z250.HCV.ADAV | HSK-A 63 HC 1.0'' 250 AD/AV | 1.0'' | 2.047" | 2.165" | M16 | 9.843" | 2.244" | 1.969" |
| HK0.A63.1z350.HCV.ADAV | HSK-A 63 HC 1.0'' 300 AD/AV | 1.0'' | 2.047" | 2.165" | M16 | 13.780" | 2.244" | 1.969" |

**METRIC**

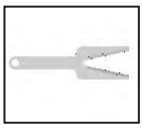
| HSK-A63 (DIN 69893-1) Hydraulic Expansion Chuck Anti - Vibration (HC-AD/AV) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
| HK0.A63.32m200.HCV.ADAV | HSK-A 63 HC32 200 AD/AV | 32 | 62 | 63 | M16 | 200 | 61 | 48 |
| HK0.A63.32m250.HCV.ADAV | HSK-A 63 HC32 250 AD/AV | 32 | 62 | 63 | M16 | 250 | 61 | 48 |
| HK0.A63.32m300.HCV.ADAV | HSK-A 63 HC32 300 AD/AV | 32 | 62 | 63 | M16 | 300 | 61 | 48 |

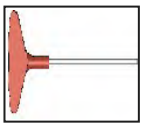
**INCH**

| HSK-A63 (DIN 69893-1) Hydraulic Expansion Chuck Anti - Vibration (HC-AD/AV) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
| HK0.A63.11/4z7874.HCV.ADAV | HSK-A63HC1-1/4''200AD/AV | 1-1/4'' | 2.441" | 2.48" | M16 | 7.874" | 2.402" | 1.89" |
| HK0.A63.11/4z9843.HCV.ADAV | HSK-A63HC1-1/4''250AD/AV | 1-1/4'' | 2.441" | 2.48" | M16 | 9.843" | 2.402" | 1.89" |
| HK0.A63.11/4z11811.HCV.ADAV | HSK-A63HC1-1/4''300AD/AV | 1-1/4'' | 2.441" | 2.48" | M16 | 11.811" | 2.402" | 1.89" |

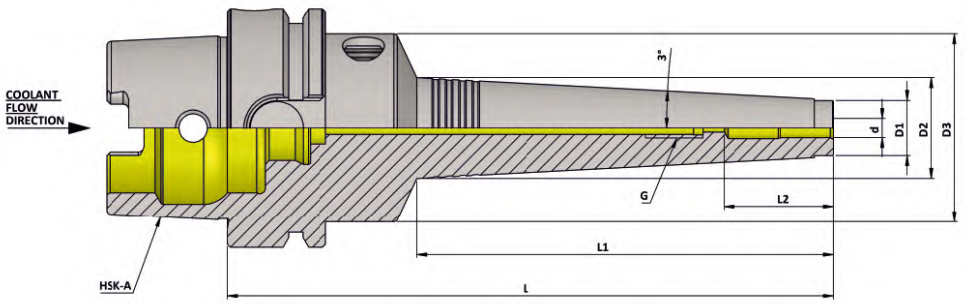
## Accessories:


REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

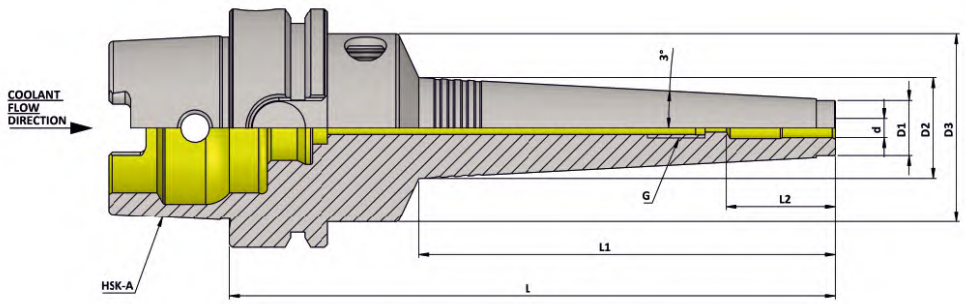



**METRIC**

| HSK-A63 (DIN 69893-1) Hydraulic Expansion Chuck Slim 3 Degree | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Product Code | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 |
| HK0.A63.3m80.HC3 | HSK-A63HC03080SLIM2.5G25000SL | 3 | 11 | 13.1 | 46 | — | 80 | 20 | 28 |
| HK0.A63.3m90.HC3 | HSK-A63HC03090SLIM2.5G25000SL | 3 | 11 | 13.5 | 46 | — | 90 | 25 | 28 |
| HK0.A63.3m135.HC3 | HSK-A63HC03135SLIM2.5G25000SL | 3 | 11 | 18.2 | 46 | — | 135 | 69 | 28 |
| HK0.A63.4m80.HC3 | HSK-A63HC04080SLIM2.5G25000SL | 4 | 11 | 13.1 | 46 | — | 80 | 20 | 28 |
| HK0.A63.4m90.HC3 | HSK-A63HC04090SLIM2.5G25000SL | 4 | 11 | 13.5 | 46 | — | 90 | 25 | 28 |
| HK0.A63.4m135.HC3 | HSK-A63HC04135SLIM2.5G25000SL | 4 | 11 | 18.2 | 46 | — | 135 | 69 | 28 |
| HK0.A63.5m80.HC3 | HSK-A63HC05080SLIM2.5G25000SL | 5 | 12 | 14.1 | 46 | — | 80 | 20 | 28 |
| HK0.A63.5m90.HC3 | HSK-A63HC05090SLIM2.5G25000SL | 5 | 12 | 14.6 | 46 | — | 90 | 25 | 28 |
| HK0.A63.5m135.HC3 | HSK-A63HC05135SLIM2.5G25000SL | 5 | 12 | 19.2 | 46 | — | 135 | 69 | 28 |
| HK0.A63.6m90.HC3 | HSK-A63HC06090SLIM2.5G25000SL | 6 | 13 | 15.6 | 46 | M5 | 90 | 25 | 37 |
| HK0.A63.6m135.HC3 | HSK-A63HC06135SLIM2.5G25000SL | 6 | 13 | 20.2 | 46 | M5 | 135 | 69 | 37 |
| HK0.A63.6m150.HC3 | HSK-A63HC06150SLIM2.5G25000SL | 6 | 13 | 21.9 | 46 | M5 | 150 | 84 | 37 |
| HK0.A63.6m165.HC3 | HSK-A63HC06165SLIM2.5G25000SL | 6 | 13 | 23.4 | 46 | M5 | 165 | 99 | 37 |
| HK0.A63.6m180.HC3 | HSK-A63HC06180SLIM2.5G25000SL | 6 | 13 | 25.0 | 46 | M5 | 180 | 114 | 37 |
| HK0.A63.8m90.HC3 | HSK-A63HC08090SLIM2.5G25000SL | 8 | 15 | 17.6 | 46 | M6 | 90 | 25 | 37 |
| HK0.A63.8m135.HC3 | HSK-A63HC08135SLIM2.5G25000SL | 8 | 15 | 22.2 | 46 | M6 | 135 | 69 | 37 |
| HK0.A63.8m150.HC3 | HSK-A63HC08150SLIM2.5G25000SL | 8 | 15 | 23.9 | 46 | M6 | 150 | 84 | 37 |
| HK0.A63.8m165.HC3 | HSK-A63HC08165SLIM2.5G25000SL | 8 | 15 | 25.4 | 46 | M6 | 165 | 99 | 37 |
| HK0.A63.8m180.HC3 | HSK-A63HC08180SLIM2.5G25000SL | 8 | 15 | 27.0 | 46 | M6 | 180 | 114 | 37 |
| HK0.A63.10m105.HC3 | HSK-A63HC10105SLIM2.5G25000SL | 10 | 17 | 21.0 | 46 | M8 | 105 | 39 | 41 |
| HK0.A63.10m135.HC3 | HSK-A63HC10135SLIM2.5G25000SL | 10 | 17 | 24.2 | 46 | M8 | 135 | 69 | 41 |
| HK0.A63.10m150.HC3 | HSK-A63HC10150SLIM2.5G25000SL | 10 | 17 | 25.9 | 46 | M8 | 150 | 84 | 41 |
| HK0.A63.10m165.HC3 | HSK-A63HC10165SLIM2.5G25000SL | 10 | 17 | 27.4 | 46 | M8 | 165 | 99 | 41 |
| HK0.A63.10m180.HC3 | HSK-A63HC10180SLIM2.5G25000SL | 10 | 17 | 29.0 | 46 | M8 | 180 | 114 | 41 |
| HK0.A63.12m105.HC3 | HSK-A63HC12105SLIM2.5G25000SL | 12 | 19 | 23.0 | 46 | M10 | 105 | 39 | 46 |
| HK0.A63.12m135.HC3 | HSK-A63HC12135SLIM2.5G25000SL | 12 | 19 | 26.2 | 46 | M10 | 135 | 69 | 46 |
| HK0.A63.12m150.HC3 | HSK-A63HC12150SLIM2.5G25000SL | 12 | 19 | 27.9 | 46 | M10 | 150 | 84 | 46 |
| HK0.A63.12m165.HC3 | HSK-A63HC12165SLIM2.5G25000SL | 12 | 19 | 29.4 | 46 | M10 | 165 | 99 | 46 |
| HK0.A63.12m180.HC3 | HSK-A63HC12180SLIM2.5G25000SL | 12 | 19 | 31.0 | 46 | M10 | 180 | 114 | 46 |
| HK0.A63.14m135.HC3 | HSK-A63HC14135SLIM2.5G25000SL | 14 | 21 | 28.2 | 52.5 | M10 | 135 | 69 | 46 |
| HK0.A63.14m165.HC3 | HSK-A63HC14165SLIM2.5G25000SL | 14 | 21 | 31.4 | 52.5 | M10 | 165 | 99 | 46 |
| HK0.A63.14m180.HC3 | HSK-A63HC14180SLIM2.5G25000SL | 14 | 21 | 32.9 | 52.5 | M10 | 180 | 114 | 46 |

# HSK-A63 (DIN 69893-1) Form A
# Hydraulic Expansion Chuck Slim 3 Degree

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

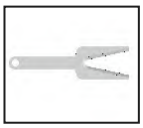


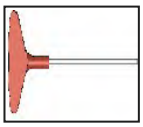

**METRIC**

| HSK-A63 (DIN 69893-1) Hydraulic Expansion Chuck Slim 3 Degree | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Product Code | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 |
| HK0.A63.16m135.HC3 | HSK-A 63 HC16 135 SLIM 2.5G 25000 SL | 16 | 23 | 31.9 | 52.5 | M12 | 135 | 69 | 49 |
| HK0.A63.16m165.HC3 | HSK-A 63 HC16 165 SLIM 2.5G 25000 SL | 16 | 23 | 35.0 | 52.5 | M12 | 165 | 99 | 49 |
| HK0.A63.16m180.HC3 | HSK-A 63 HC16 180 SLIM 2.5G 25000 SL | 16 | 23 | 36.6 | 52.5 | M12 | 180 | 114 | 49 |
| HK0.A63.18m135.HC3 | HSK-A 63 HC18 135 SLIM 2.5G 25000 SL | 18 | 26 | 34.8 | 60 | M12 | 135 | 69 | 49 |
| HK0.A63.18m165.HC3 | HSK-A 63 HC18 165 SLIM 2.5G 25000 SL | 18 | 26 | 37.9 | 60 | M12 | 165 | 99 | 49 |
| HK0.A63.18m180.HC3 | HSK-A 63 HC18 180 SLIM 2.5G 25000 SL | 18 | 26 | 39.5 | 60 | M12 | 180 | 114 | 49 |
| HK0.A63.20m150.HC3 | HSK-A 63 HC20 150 SLIM 2.5G 25000 SL | 20 | 28 | 36.9 | 60 | M16 | 150 | 84 | 51 |
| HK0.A63.20m180.HC3 | HSK-A 63 HC20 180 SLIM 2.5G 25000 SL | 20 | 28 | 40.0 | 60 | M16 | 180 | 114 | 51 |
| HK0.A63.20m195.HC3 | HSK-A 63 HC20 195 SLIM 2.5G 25000 SL | 20 | 28 | 41.6 | 60 | M16 | 195 | 130 | 51 |
| HK0.A63.25m150.HC3 | HSK-A 63 HC25 150 SLIM 2.5G 25000 SL | 25 | 37 | 45.9 | 60 | M16 | 150 | 84 | 51 |
| HK0.A63.25m180.HC3 | HSK-A 63 HC25 180 SLIM 2.5G 25000 SL | 25 | 37 | 49.0 | 60 | M16 | 180 | 114 | 51 |
| HK0.A63.25m195.HC3 | HSK-A 63 HC25 195 SLIM 2.5G 25000 SL | 25 | 37 | 50.6 | 60 | M16 | 195 | 130 | 51 |

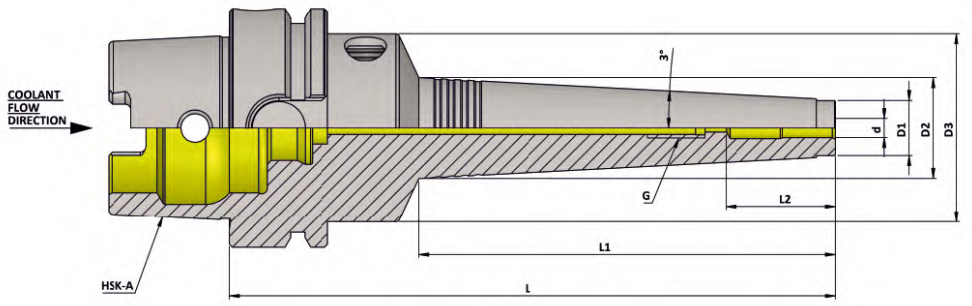
## Accessories:


REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**INCH**

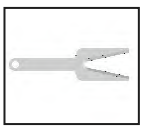
**HSK-A63 (DIN 69893-1) Hydraulic Expansion Chuck Slim 3 Degree**

| Product Code | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 |
|---|---|---|---|---|---|---|---|---|---|
| HK0.A63.1/8z315.HC3 | HSK-A 63 HC1/8'' 080 SLIM 2.5G 25000SL | 1/8'' | 0.433" | 0.516" | 1.811" | — | 3.15" | 0.787" | 1.102" |
| HK0.A63.1/8z3543.HC3 | HSK-A 63 HC1/8'' 135 SLIM 2.5G 25000SL | 1/8'' | 0.433" | 0.531" | 1.811" | — | 3.543" | 0.984" | 1.102" |
| HK0.A63.1/8z5315.HC3 | HSK-A 63 HC1/8'' 190 SLIM 2.5G 25000SL | 1/8'' | 0.433" | 0.717" | 1.811" | — | 5.315" | 2.717" | 1.102" |
| HK0.A63.3/16z315.HC3 | HSK-A 63 HC3/16'' 080 SLIM 2.5G 25000SL | 3/16'' | 0.433" | 0.516" | 1.811" | — | 3.15" | 0.787" | 1.102" |
| HK0.A63.3/16z3543.HC3 | HSK-A 63 HC3/16'' 090 SLIM 2.5G 25000SL | 3/16'' | 0.433" | 0.531" | 1.811" | — | 3.543" | 0.984" | 1.102" |
| HK0.A63.3/16z5315.HC3 | HSK-A 63 HC3/16'' 135 SLIM 2.5G 25000SL | 3/16'' | 0.433" | 0.717" | 1.811" | — | 5.315" | 2.717" | 1.102" |
| HK0.A63.1/4z3543.HC3 | HSK-A 63 HC1/4'' 090 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 0.614" | 1.811" | M5 | 3.543" | 0.984" | 1.457" |
| HK0.A63.1/4z5315.HC3 | HSK-A 63 HC1/4'' 135 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 0.795" | 1.811" | M5 | 5.315" | 2.717" | 1.457" |
| HK0.A63.1/4z5906.HC3 | HSK-A 63 HC1/4'' 150 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 0.862" | 1.811" | M5 | 5.906" | 3.307" | 1.457" |
| HK0.A63.1/4z6496.HC3 | HSK-A 63 HC1/4'' 165 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 0.921" | 1.811" | M5 | 6.496" | 3.898" | 1.457" |
| HK0.A63.1/4z7087.HC3 | HSK-A 63 HC1/4'' 180 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 0.984" | 1.811" | M5 | 7.087" | 4.488" | 1.457" |
| HK0.A63.5/16z3543.HC3 | HSK-A 63 HC5/16'' 090 SLIM 2.5G 25000SL | 5/16'' | 0.591" | 0.693" | 1.811" | M6 | 3.543" | 0.984" | 1.457" |
| HK0.A63.5/16z5315.HC3 | HSK-A 63 HC5/16'' 135 SLIM 2.5G 25000SL | 5/16'' | 0.591" | 0.874" | 1.811" | M6 | 5.315" | 2.717" | 1.457" |
| HK0.A63.5/16z5906.HC3 | HSK-A 63 HC5/16'' 150 SLIM 2.5G 25000SL | 5/16'' | 0.591" | 0.941" | 1.811" | M6 | 5.906" | 3.307" | 1.457" |
| HK0.A63.5/16z6496.HC3 | HSK-A 63 HC5/16'' 165 SLIM 2.5G 25000SL | 5/16'' | 0.591" | 1." | 1.811" | M6 | 6.496" | 3.898" | 1.457" |
| HK0.A63.5/16z7087.HC3 | HSK-A 63 HC5/16'' 180 SLIM 2.5G 25000SL | 5/16'' | 0.591" | 1.063" | 1.811" | M6 | 7.087" | 4.488" | 1.457" |
| HK0.A63.3/8z4134.HC3 | HSK-A 63 HC3/8'' 105 SLIM 2.5G 25000SL | 3/8'' | 0.669" | 0.827" | 1.811" | M8 | 4.134" | 1.535" | 1.614" |
| HK0.A63.3/8z5315.HC3 | HSK-A 63 HC3/8'' 135 SLIM 2.5G 25000SL | 3/8'' | 0.669" | 0.953" | 1.811" | M8 | 5.315" | 2.717" | 1.614" |
| HK0.A63.3/8z5906.HC3 | HSK-A 63 HC3/8'' 150 SLIM 2.5G 25000SL | 3/8'' | 0.669" | 1.02" | 1.811" | M8 | 5.906" | 3.307" | 1.614" |
| HK0.A63.3/8z6496.HC3 | HSK-A 63 HC3/8'' 165 SLIM 2.5G 25000SL | 3/8'' | 0.669" | 1.079" | 1.811" | M8 | 6.496" | 3.898" | 1.614" |
| HK0.A63.3/8z7087.HC3 | HSK-A 63 HC3/8'' 180 SLIM 2.5G 25000SL | 3/8'' | 0.669" | 1.142" | 1.811" | M8 | 7.087" | 4.488" | 1.614" |
| HK0.A63.1/2z4134.HC3 | HSK-A 63 HC1/2'' 105 SLIM 2.5G 25000SL | 1/2'' | 0.748" | 0.906" | 1.811" | M10 | 4.134" | 1.535" | 1.811" |
| HK0.A63.1/2z5315.HC3 | HSK-A 63 HC1/2'' 135 SLIM 2.5G 25000SL | 1/2'' | 0.748" | 1.031" | 1.811" | M10 | 5.315" | 2.717" | 1.811" |
| HK0.A63.1/2z5906.HC3 | HSK-A 63 HC1/2'' 150 SLIM 2.5G 25000SL | 1/2'' | 0.748" | 1.098" | 1.811" | M10 | 5.906" | 3.307" | 1.811" |
| HK0.A63.1/2z6496.HC3 | HSK-A 63 HC1/2'' 165 SLIM 2.5G 25000SL | 1/2'' | 0.748" | 1.157" | 1.811" | M10 | 6.496" | 3.898" | 1.811" |
| HK0.A63.1/2z7087.HC3 | HSK-A 63 HC1/2'' 180 SLIM 2.5G 25000SL | 1/2'' | 0.748" | 1.287" | 1.811" | M10 | 7.087" | 4.488" | 1.811" |

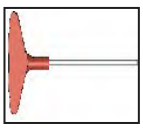
## Accessories:



REDUCTION SLEEVE SEAL



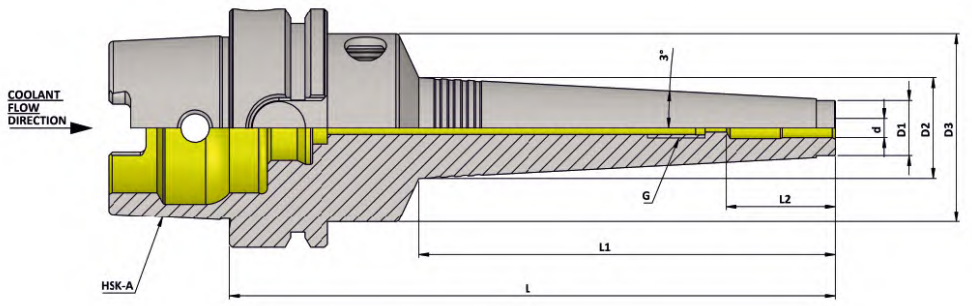
SPANNER HC



KEY HC 5MM

# HSK-A63 (DIN 69893-1) Form A
# Hydraulic Expansion Chuck Slim 3 Degree

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm



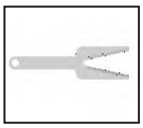

**INCH**

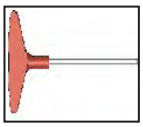
**HSK-A63 (DIN 69893-1) Hydraulic Expansion Chuck Slim 3 Degree**

| Product Code | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 |
|---|---|---|---|---|---|---|---|---|---|
| HK0.A63.5/8z5315.HC3 | HSK-A 63 HC5/8'' 135 SLIM 2.5G 25000SL | 5/8'' | 0.906" | 1.256" | 2.067" | M12 | 5.315" | 2.717" | 1.929" |
| HK0.A63.5/8z6496.HC3 | HSK-A 63 HC5/8'' 165 SLIM 2.5G 25000SL | 5/8'' | 0.906" | 1.378" | 2.067" | M12 | 6.496" | 3.898" | 1.929" |
| HK0.A63.5/8z7087.HC3 | HSK-A 63 HC5/8'' 180 SLIM 2.5G 25000SL | 5/8'' | 0.906" | 1.441" | 2.067" | M12 | 7.087" | 4.488" | 1.929" |
| HK0.A63.3/4z5906.HC3 | HSK-A 63 HC3/4'' 150 SLIM 2.5G 25000SL | 3/4'' | 1.102" | 1.453" | 2.362" | M16 | 5.906" | 3.307" | 2.008" |
| HK0.A63.3/4z7087.HC3 | HSK-A 63 HC3/4'' 180 SLIM 2.5G 25000SL | 3/4'' | 1.102" | 1.575" | 2.362" | M16 | 7.087" | 4.488" | 2.008" |
| HK0.A63.3/4z7677.HC3 | HSK-A 63 HC3/4'' 195 SLIM 2.5G 25000SL | 3/4'' | 1.102" | 1.638" | 2.362" | M16 | 7.677" | 5.118" | 2.008" |
| HK0.A63.1z5906.HC3 | HSK-A 63 HC 1.0'' 150 SLIM 2.5G 25000SL | 1.0'' | 1.457" | 1.807" | 2.362" | M16 | 5.906" | 3.307" | 2.008" |
| HK0.A63.1z7087.HC3 | HSK-A 63 HC 1.0'' 180 SLIM 2.5G 25000SL | 1.0'' | 1.457" | 1.929" | 2.362" | M16 | 7.087" | 4.488" | 2.008" |
| HK0.A63.1z7677.HC3 | HSK-A 63 HC 1.0'' 195 SLIM 2.5G 25000SL | 1.0'' | 1.457" | 1.992" | 2.362" | M16 | 7.677" | 5.118" | 2.008" |

## Accessories:

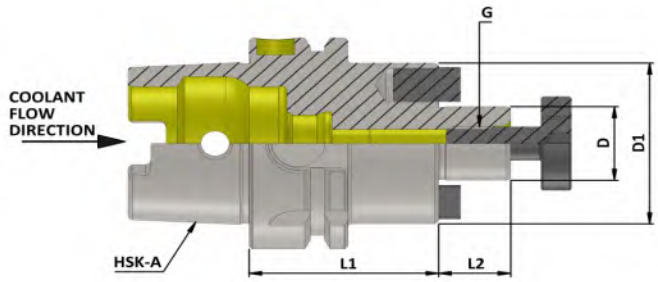

REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

# HSK-A63 (DIN 69893-1)
# Face Mill Holder (DIN 6357) FMH

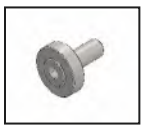
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

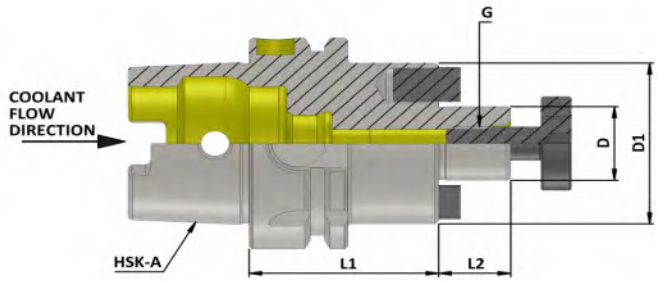
| HSK-A63 (DIN 69893-1) FMH | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.A63.16m45.FMS | HSK-A63FMH160452.5G25000SLSP.S | 16 | 38 | 45 | 17 | M8 X 1.25P |
| HK0.A63.16m100.FMS | HSK-A63FMH161002.5G25000SLSP.S | 16 | 38 | 100 | 17 | M8 X 1.25P |
| HK0.A63.16m130.FMS | HSK-A63FMH161302.5G25000SLSP.S | 16 | 38 | 130 | 17 | M8 X 1.25P |
| HK0.A63.16m160.FMS | HSK-A63FMH161602.5G25000SLSP.S | 16 | 38 | 160 | 17 | M8 X 1.25P |
| HK0.A63.22m50.FMS | HSK-A63FMH220502.5G25000SLSP.S | 22 | 48 | 50 | 19 | M10 X 1.5P |
| HK0.A63.22m100.FMS | HSK-A63FMH221002.5G25000SLSP.S | 22 | 48 | 100 | 19 | M10 X 1.5P |
| HK0.A63.22m130.FMS | HSK-A63FMH221302.5G25000SLSP.S | 22 | 48 | 130 | 19 | M10 X 1.5P |
| HK0.A63.22m160.FMS | HSK-A63FMH221602.5G25000SLSP.S | 22 | 48 | 160 | 19 | M10 X 1.5P |
| HK0.A63.27m55.FMS | HSK-A63FMH270552.5G25000SLSP.S | 27 | 58 | 55 | 21 | M12 X 1.75P |
| HK0.A63.27m100.FMS | HSK-A63FMH271002.5G25000SLSP.S | 27 | 58 | 100 | 21 | M12 X 1.75P |
| HK0.A63.27m130.FMS | HSK-A63FMH271302.5G25000SLSP.S | 27 | 58 | 130 | 21 | M12 X 1.75P |
| HK0.A63.27m160.FMS | HSK-A63FMH271602.5G25000SLSP.S | 27 | 58 | 160 | 21 | M12 X 1.75P |
| HK0.A63.32m60.FMS | HSK-A63FMH320602.5G25000SLSP.S | 32 | 78 | 60 | 24 | M16 X 2P |
| HK0.A63.32m100.FMS | HSK-A63FMH321002.5G25000SLSP.S | 32 | 78 | 100 | 24 | M16 X 2P |
| HK0.A63.32m130.FMS | HSK-A63FMH321302.5G25000SLSP.S | 32 | 78 | 130 | 24 | M16 X 2P |
| HK0.A63.32m160.FMS | HSK-A63FMH321602.5G25000SLSP.S | 32 | 78 | 160 | 24 | M16 X 2P |
| HK0.A63.40m65.FMS | HSK-A63FMH400652.5G25000SLSP.S | 40 | 88 | 65 | 27 | M20 X 2.5P |
| HK0.A63.40m100.FMS | HSK-A63FMH401002.5G25000SLSP.S | 40 | 88 | 100 | 27 | M20 X 2.5P |
| HK0.A63.40m130.FMS | HSK-A63FMH401302.5G25000SLSP.S | 40 | 88 | 130 | 27 | M20 X 2.5P |
| HK0.A63.40m160.FMS | HSK-A63FMH401602.5G25000SLSP.S | 40 | 88 | 160 | 27 | M20 X 2.5P |

## Accessories:



FMH / CSMA
CLAMPING
SCREW

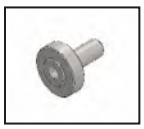
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**INCH**

| HSK-A63 (DIN 69893-1) FMH | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| **Product Code** | **Item Name** | **D** | **D1** | **L1** | **L2** | **G** |
| HK0.A63.3/4z1969.FMS | HSK-A 63 FMH 3/4'' 050 2.5G 25000 SL | 3/4" | 2" | 1.969" | 0.687" | 3/8"-24 UNF - 2B x 1" |
| HK0.A63.3/4z3937.FMS | HSK-A 63 FMH 3/4'' 100 2.5G 25000 SL | 3/4" | 2" | 3.937" | 0.687" | 3/8"-24 UNF - 2B x 1" |
| HK0.A63.1z1969.FMS | HSK-A 63 FMH 1.0'' 050 2.5G 25000 SL | 1.0" | 2.375" | 1.969" | 0.687" | 1/2"-20 UNF - 2B x 1 1/4" |
| HK0.A63.1z3937.FMS | HSK-A 63 FMH 1.0'' 100 2.5G 25000 SL | 1.0" | 2.375" | 3.937" | 0.687" | 1/2"-20 UNF - 2B x 1 1/4" |
| HK0.A63.1z5118.FMS | HSK-A 63 FMH 1.0'' 130 2.5G 25000 SL | 1.0" | 2.375" | 5.118" | 0.687" | 1/2"-20 UNF - 2B x 1 1/4" |
| HK0.A63.1z6299.FMS | HSK-A 63 FMH 1.0'' 160 2.5G 25000 SL | 1.0" | 2.375" | 6.299" | 0.687" | 1/2"-20 UNF - 2B x 1 1/4" |
| HK0.A63.11/4z2362.FMS | HSK-A 63 FMH 1 1/4'' 060 2.5G 25000 SL | 1 1/4" | 2.875" | 2.362" | 0.687" | 5/8"-18 UNF - 2B x 1 1/4" |
| HK0.A63.11/4z3937.FMS | HSK-A 63 FMH 1 1/4'' 100 2.5G 25000 SL | 1 1/4" | 2.875" | 3.937" | 0.687" | 5/8"-18 UNF - 2B x 1 1/4" |
| HK0.A63.11/4z5118.FMS | HSK-A 63 FMH 1 1/4'' 130 2.5G 25000 SL | 1 1/4" | 2.875" | 5.118" | 0.687" | 5/8"-18 UNF - 2B x 1 1/4" |
| HK0.A63.11/4z6299.FMS | HSK-A 63 FMH 1 1/4'' 160 2.5G 25000 SL | 1 1/4" | 2.875" | 6.299" | 0.687" | 5/8"-18 UNF - 2B x 1 1/4" |
| HK0.A63.11/2z2559.FMS | HSK-A 63 FMH 1 1/2'' 065 2.5G 25000 SL | 1 1/2" | 3.750" | 2.559" | 0.938" | 3/4"-16 UNF - 2B x 1 1/2" |
| HK0.A63.11/2z3937.FMS | HSK-A 63 FMH 1 1/2'' 100 2.5G 25000 SL | 1 1/2" | 3.750" | 3.937" | 0.938" | 3/4"-16 UNF - 2B x 1 1/2" |
| HK0.A63.11/2z5118.FMS | HSK-A 63 FMH 1 1/2'' 130 2.5G 25000 SL | 1 1/2" | 3.750" | 5.118" | 0.938" | 3/4"-16 UNF - 2B x 1 1/2" |
| HK0.A63.11/2z6299.FMS | HSK-A 63 FMH 1 1/2'' 160 2.5G 25000 SL | 1 1/2" | 3.750" | 6.299" | 0.938" | 3/4"-16 UNF - 2B x 1 1/2" |

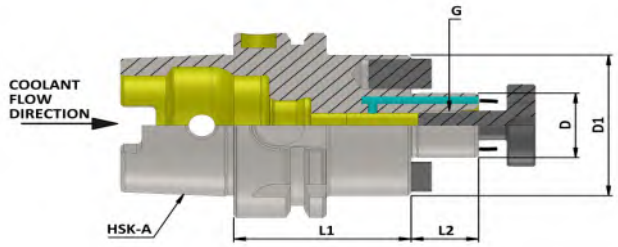
## Accessories:



FMH / CSMA
CLAMPING
SCREW

# HSK-A63 (DIN 69893-1) Face Mill Holder (Through Coolant) (DIN 6357) FMH - K

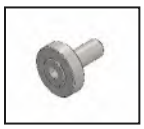
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-A63 (DIN 69893-1) FMH -K | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.A63.16m45.FMK | HSK-A63FMH-K160452.5G25000SLSP.S | 16 | 38 | 45 | 17 | M8 X 1.25P |
| HK0.A63.16m100.FMK | HSK-A63FMH-K161002.5G25000SLSP.S | 16 | 38 | 100 | 17 | M8 X 1.25P |
| HK0.A63.16m130.FMK | HSK-A63FMH-K161302.5G25000SLSP.S | 16 | 38 | 130 | 17 | M8 X 1.25P |
| HK0.A63.16m160.FMK | HSK-A63FMH-K161602.5G25000SLSP.S | 16 | 38 | 160 | 17 | M8 X 1.25P |
| HK0.A63.22m50.FMK | HSK-A63FMH-K220502.5G25000SLSP.S | 22 | 48 | 50 | 19 | M10 X 1.5P |
| HK0.A63.22m100.FMK | HSK-A63FMH-K221002.5G25000SLSP.S | 22 | 48 | 100 | 19 | M10 X 1.5P |
| HK0.A63.22m130.FMK | HSK-A63FMH-K221302.5G25000SLSP.S | 22 | 48 | 130 | 19 | M10 X 1.5P |
| HK0.A63.22m160.FMK | HSK-A63FMH-K221602.5G25000SLSP.S | 22 | 48 | 160 | 19 | M10 X 1.5P |
| HK0.A63.27m55.FMK | HSK-A63FMH-K270552.5G25000SLSP.S | 27 | 58 | 55 | 21 | M12 X 1.75P |
| HK0.A63.27m100.FMK | HSK-A63FMH-K271002.5G25000SLSP.S | 27 | 58 | 100 | 21 | M12 X 1.75P |
| HK0.A63.27m130.FMK | HSK-A63FMH-K271302.5G25000SLSP.S | 27 | 58 | 130 | 21 | M12 X 1.75P |
| HK0.A63.27m160.FMK | HSK-A63FMH-K271602.5G25000SLSP.S | 27 | 58 | 160 | 21 | M12 X 1.75P |
| HK0.A63.32m60.FMK | HSK-A63FMH-K320602.5G25000SLSP.S | 32 | 78 | 60 | 24 | M16 X 2P |
| HK0.A63.32m100.FMK | HSK-A63FMH-K321002.5G25000SLSP.S | 32 | 78 | 100 | 24 | M16 X 2P |
| HK0.A63.32m130.FMK | HSK-A63FMH-K321302.5G25000SLSP.S | 32 | 78 | 130 | 24 | M16 X 2P |
| HK0.A63.32m160.FMK | HSK-A63FMH-K321602.5G25000SLSP.S | 32 | 78 | 160 | 24 | M16 X 2P |
| HK0.A63.40m65.FMK | HSK-A63FMH-K400652.5G25000SLSP.S | 40 | 88 | 65 | 27 | M20 X 2.5P |
| HK0.A63.40m100.FMK | HSK-A63FMH-K401002.5G25000SLSP.S | 40 | 88 | 100 | 27 | M20 X 2.5P |
| HK0.A63.40m130.FMK | HSK-A63FMH-K401302.5G25000SLSP.S | 40 | 88 | 130 | 27 | M20 X 2.5P |
| HK0.A63.40m160.FMK | HSK-A63FMH-K401602.5G25000SLSP.S | 40 | 88 | 160 | 27 | M20 X 2.5P |

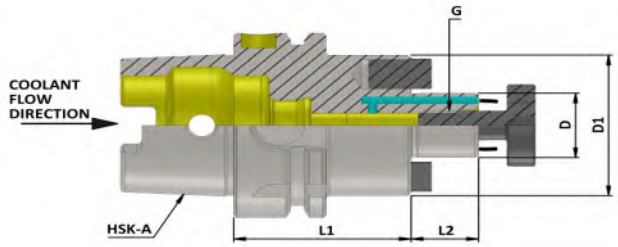
## Accessories:



FMH / CSMA CLAMPING SCREW

# HSK-A63 (DIN 69893-1) Face Mill Holder (Through Coolant) (DIN 6357) FMH - K

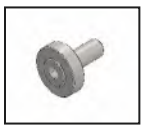
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**INCH**

| HSK-A63 (DIN 69893-1) FMH -K | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.A63.3/4z1969.FMK | HSK-A 63 FMH-K3/4'' 050 2.5G 25000 SL | 3/4" | 2" | 1.969" | 0.687" | 3/8"-24 UNF - 2B x 1" |
| HK0.A63.3/4z3937.FMK | HSK-A 63 FMH-K3/4'' 100 2.5G 25000 SL | 3/4" | 2" | 3.937" | 0.687" | 3/8"-24 UNF - 2B x 1" |
| HK0.A63.1z1969.FMK | HSK-A 63 FMH-K1.0'' 050 2.5G 25000 SL | 1.0" | 2.375" | 1.969" | 0.687" | 1/2"-20 UNF - 2B x 1 1/4" |
| HK0.A63.1z3937.FMK | HSK-A 63 FMH-K1.0'' 100 2.5G 25000 SL | 1.0" | 2.375" | 3.937" | 0.687" | 1/2"-20 UNF - 2B x 1 1/4" |
| HK0.A63.1z5118.FMK | HSK-A 63 FMH-K1.0'' 130 2.5G 25000 SL | 1.0" | 2.375" | 5.118" | 0.687" | 1/2"-20 UNF - 2B x 1 1/4" |
| HK0.A63.1z6299.FMK | HSK-A 63 FMH-K1.0'' 160 2.5G 25000 SL | 1.0" | 2.375" | 6.299" | 0.687" | 1/2"-20 UNF - 2B x 1 1/4" |
| HK0.A63.11/4z2362.FMK | HSK-A 63 FMH-K1-1/4'' 060 2.5G 25000 SL | 1 1/4" | 2.875" | 2.362" | 0.687" | 5/8"-18 UNF - 2B x 1 1/4" |
| HK0.A63.11/4z3937.FMK | HSK-A 63 FMH-K1-1/4'' 100 2.5G 25000 SL | 1 1/4" | 2.875" | 3.937" | 0.687" | 5/8"-18 UNF - 2B x 1 1/4" |
| HK0.A63.11/4z5118.FMK | HSK-A 63 FMH-K1-1/4'' 130 2.5G 25000 SL | 1 1/4" | 2.875" | 5.118" | 0.687" | 5/8"-18 UNF - 2B x 1 1/4" |
| HK0.A63.11/4z6299.FMK | HSK-A 63 FMH-K1-1/4'' 160 2.5G 25000 SL | 1 1/4" | 2.875" | 6.299" | 0.687" | 5/8"-18 UNF - 2B x 1 1/4" |
| HK0.A63.11/2z2559.FMK | HSK-A 63 FMH-K1-1/2'' 065 2.5G 25000 SL | 1 1/2" | 3.750" | 2.559" | 0.938" | 3/4"-16 UNF - 2B x 1 1/2" |
| HK0.A63.11/2z3937.FMK | HSK-A 63 FMH-K1-1/2'' 100 2.5G 25000 SL | 1 1/2" | 3.750" | 3.937" | 0.938" | 3/4"-16 UNF - 2B x 1 1/2" |
| HK0.A63.11/2z5118.FMK | HSK-A 63 FMH-K1-1/2'' 130 2.5G 25000 SL | 1 1/2" | 3.750" | 5.118" | 0.938" | 3/4"-16 UNF - 2B x 1 1/2" |
| HK0.A63.11/2z6299.FMK | HSK-A 63 FMH-K1-1/2'' 160 2.5G 25000 SL | 1 1/2" | 3.750" | 6.299" | 0.938" | 3/4"-16 UNF - 2B x 1 1/2" |

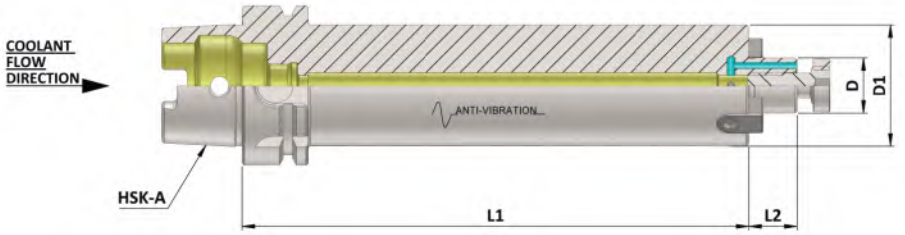
## Accessories:



FMH / CSMA
CLAMPING
SCREW

# HSK-A63 (DIN 69893 - 1)
# Face Mill Holder Anti - Vibration (FMH-K AV)

Maximum Run out of the External diameter with respect to the External Taper 0.010 mm




**METRIC**

**HSK-A63 (DIN 69893-1) ( FMH-K AV)**

| PRODUCT CODE | Item Name | D | D1 | L1 | L2 |
|---|---|---|---|---|---|
| HK0.A63.16m200.FMV.AV | HSK-A 63 FMH-K16 200 AV SP.S | 16 | 38 | 200 | 17 |
| HK0.A63.16m250.FMV.AV | HSK-A 63 FMH-K16 250 AV SP.S | 16 | 38 | 250 | 17 |
| HK0.A63.16m300.FMV.AV | HSK-A 63 FMH-K16 300 AV SP.S | 16 | 38 | 300 | 17 |
| HK0.A63.22m200.FMV.AV | HSK-A 63 FMH-K22 200 AV SP.S | 22 | 48 | 200 | 19 |
| HK0.A63.22m250.FMV.AV | HSK-A 63 FMH-K22 250 AV SP.S | 22 | 48 | 250 | 19 |
| HK0.A63.22m300.FMV.AV | HSK-A 63 FMH-K22 300 AV SP.S | 22 | 48 | 300 | 19 |
| HK0.A63.27m200.FMV.AV | HSK-A 63 FMH-K27 200 AV SP.S | 27 | 58 | 200 | 21 |
| HK0.A63.27m250.FMV.AV | HSK-A 63 FMH-K27 250 AV SP.S | 27 | 58 | 250 | 21 |
| HK0.A63.27m300.FMV.AV | HSK-A 63 FMH-K27 300 AV SP.S | 27 | 58 | 300 | 21 |
| HK0.A63.32m200.FMV.AV | HSK-A 63 FMH-K32 200 AV SP.S | 32 | 78 | 200 | 24 |
| HK0.A63.32m250.FMV.AV | HSK-A 63 FMH-K32 250 AV SP.S | 32 | 78 | 250 | 24 |
| HK0.A63.32m300.FMV.AV | HSK-A 63 FMH-K32 300 AV SP.S | 32 | 78 | 300 | 24 |
| HK0.A63.40m200.FMV.AV | HSK-A 63 FMH-K40 200 AV SP.S | 40 | 88 | 200 | 27 |
| HK0.A63.40m250.FMV.AV | HSK-A 63 FMH-K40 250 AV SP.S | 40 | 88 | 250 | 27 |
| HK0.A63.40m300.FMV.AV | HSK-A 63 FMH-K40 300 AV SP.S | 40 | 88 | 300 | 27 |

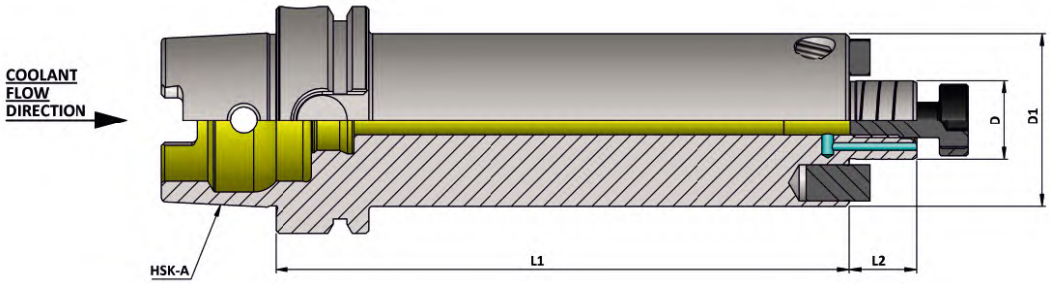
**INCH**

**HSK-A63 (DIN 69893-1) ( FMH-K AV)**

| PRODUCT CODE | Item Name | D | D1 | L1 | L2 |
|---|---|---|---|---|---|
| HK0.A63.3/4z7874.FMV.AV | HSK-A 63 FMH-K3/4'' 200 AV | 3/4" | 2.0" | 7.874" | 0.687" |
| HK0.A63.3/4z9843.FMV.AV | HSK-A 63 FMH-K3/4'' 250 AV | 3/4" | 2.0" | 9.843" | 0.687" |
| HK0.A63.3/4z11811.FMV.AV | HSK-A 63 FMH-K3/4'' 300 AV | 3/4" | 2.0" | 11.811" | 0.687" |
| HK0.A63.1z7874.FMV.AV | HSK-A 63 FMH-K1.0'' 200 AV | 1.0" | 2.375" | 7.874" | 0.687" |
| HK0.A63.1z9843.FMV.AV | HSK-A 63 FMH-K1.0'' 250 AV | 1.0" | 2.375" | 9.843" | 0.687" |
| HK0.A63.1z11811.FMV.AV | HSK-A 63 FMH-K1.0'' 300 AV | 1.0" | 2.375" | 11.811" | 0.687" |
| HK0.A63.11/4z7874.FMV.AV | HSK-A 63 FMH-K1-1/4'' 200 AV | 1-1/4" | 2.875" | 7.874" | 0.687" |
| HK0.A63.11/4z9843.FMV.AV | HSK-A 63 FMH-K1-1/4'' 250 AV | 1-1/4" | 2.875" | 9.843" | 0.687" |
| HK0.A63.11/4z11811.FMV.AV | HSK-A 63 FMH-K1-1/4'' 300 AV | 1-1/4" | 2.875" | 11.811" | 0.687" |
| HK0.A63.11/2z7874.FMV.AV | HSK-A 63 FMH-K1-1/2'' 200 AV | 1-1/2" | 3.750" | 7.874" | 0.938" |
| HK0.A63.11/2z9843.FMV.AV | HSK-A 63 FMH-K1-1/2'' 250 AV | 1-1/2" | 3.750" | 9.843" | 0.938" |
| HK0.A63.11/2z11811.FMV.AV | HSK-A 63 FMH-K1-1/2'' 300 AV | 1-1/2" | 3.750" | 11.811" | 0.938" |

# HSK-A63 (DIN 69893-1) Hydraulic Expansion Face Mill Holder (HC-FMH-K)

Maximum Run out of the External diameter with respect to the External Taper 0.005 mm



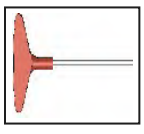

**METRIC**

| HSK-A63 (DIN 69893-1) Hydraulic Expansion Face Mill Holder (HC-FMH-K) | | | | | |
|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 |
| HK0.A63.22m50.FMH | HSK-A 63 HC FMH-K22 050 2.5G 25000 SL | 22 | 48 | 50 | 19 |
| HK0.A63.22m100.FMH | HSK-A 63 HC FMH-K22 100 2.5G 25000 SL | 22 | 48 | 100 | 19 |
| HK0.A63.22m160.FMH | HSK-A 63 HC FMH-K22 160 2.5G 25000 SL | 22 | 48 | 160 | 19 |
| HK0.A63.27m55.FMH | HSK-A 63 HC FMH-K27 055 2.5G 25000 SL | 27 | 50 | 55 | 21 |
| HK0.A63.27m100.FMH | HSK-A 63 HC FMH-K27 100 2.5G 25000 SL | 27 | 50 | 100 | 21 |
| HK0.A63.27m160.FMH | HSK-A 63 HC FMH-K27 160 2.5G 25000 SL | 27 | 50 | 160 | 21 |
| HK0.A63.32m60.FMH | HSK-A 63 HC FMH-K32 060 2.5G 25000 SL | 32 | 78 | 60 | 24 |
| HK0.A63.32m100.FMH | HSK-A 63 HC FMH-K32 100 2.5G 25000 SL | 32 | 78 | 100 | 24 |
| HK0.A63.32m160.FMH | HSK-A 63 HC FMH-K32 160 2.5G 25000 SL | 32 | 78 | 160 | 24 |
| HK0.A63.40m65.FMH | HSK-A 63 HC FMH-K40 065 2.5G 25000 SL | 40 | 88 | 65 | 27 |
| HK0.A63.40m100.FMH | HSK-A 63 HC FMH-K40 100 2.5G 25000 SL | 40 | 88 | 100 | 27 |
| HK0.A63.40m160.FMH | HSK-A 63 HC FMH-K40 160 2.5G 25000 SL | 40 | 88 | 160 | 27 |

**INCH**

| HSK-A63 (DIN 69893-1) Hydraulic Expansion Face Mill Holder (HC-FMH-K) | | | | | |
|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 |
| HK0.A63.1z1969.FMH | HSK-A 63 HC FMH-K1.0'' 050 2.5G 25000 SL | 1.0'' | 2.375" | 1.969" | 0.687" |
| HK0.A63.1z3937.FMH | HSK-A 63 HC FMH-K1.0'' 100 2.5G 25000 SL | 1.0'' | 2.375" | 3.937" | 0.687" |
| HK0.A63.1z6299.FMH | HSK-A 63 HC FMH-K1.0'' 160 2.5G 25000 SL | 1.0'' | 2.375" | 6.299" | 0.687" |
| HK0.A63.11/4z2362.FMH | HSK-A 63 HC FMH-K1 1/4'' 060 2.5G 25000 SL | 1 1/4'' | 2.875" | 2.362" | 0.027" |
| HK0.A63.11/4z3937.FMH | HSK-A 63 HC FMH-K1 1/4'' 100 2.5G 25000 SL | 1 1/4'' | 2.875" | 3.937" | 0.027" |
| HK0.A63.11/4z6299.FMH | HSK-A 63 HC FMH-K1 1/4'' 160 2.5G 25000 SL | 1 1/4'' | 2.875" | 6.299" | 0.027" |
| HK0.A63.11/2z2559.FMH | HSK-A 63 HC FMH-K1 1/2'' 065 2.5G 25000 SL | 1 1/2'' | 3.750" | 2.559" | 0.037" |
| HK0.A63.11/2z3937.FMH | HSK-A 63 HC FMH-K1 1/2'' 100 2.5G 25000 SL | 1 1/2'' | 3.750" | 3.937" | 0.037" |
| HK0.A63.11/2z6299.FMH | HSK-A 63 HC FMH-K1 1/2'' 160 2.5G 25000 SL | 1 1/2'' | 3.750" | 6.299" | 0.037" |

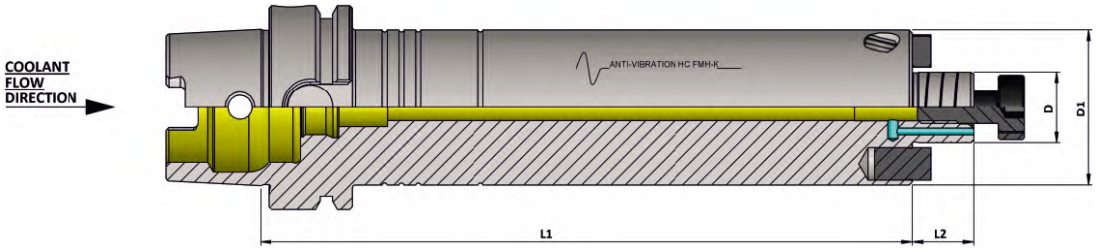
## Accessories:



KEY HC 5MM

# HSK-A63 (DIN 69893-1) Hydraulic Expansio
# Face Mill Holder Anti - Vibration (HC-FMH-K AD/AV)

Maximum Run out of the External diameter with respect to the External Taper 0.010 mm



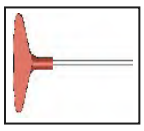

**METRIC**

| HSK-A63 (DIN 69893-1) Hydraulic Expansion Face Mill Holder (HC-FMH-K - AD/AV) | | | | | |
|---|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D** | **D1** | **L1** | **L2** |
| HK0.A63.22m200.FKV.ADAV | HSK-A 63 HC FMH-K22 200 AD/AV | 22 | 48 | 200 | 19 |
| HK0.A63.22m250.FKV.ADAV | HSK-A 63 HC FMH-K22 250 AD/AV | 22 | 48 | 250 | 19 |
| HK0.A63.22m300.FKV.ADAV | HSK-A 63 HC FMH-K22 300 AD/AV | 22 | 48 | 300 | 19 |
| HK0.A63.27m200.FKV.ADAV | HSK-A 63 HC FMH-K27 200 AD/AV | 27 | 58 | 200 | 21 |
| HK0.A63.27m250.FKV.ADAV | HSK-A 63 HC FMH-K27 250 AD/AV | 27 | 58 | 250 | 21 |
| HK0.A63.27m300.FKV.ADAV | HSK-A 63 HC FMH-K27 300 AD/AV | 27 | 58 | 300 | 21 |
| HK0.A63.32m200.FKV.ADAV | HSK-A 63 HC FMH-K32 200 AD/AV | 32 | 78 | 200 | 24 |
| HK0.A63.32m250.FKV.ADAV | HSK-A 63 HC FMH-K32 250 AD/AV | 32 | 78 | 250 | 24 |
| HK0.A63.32m300.FKV.ADAV | HSK-A 63 HC FMH-K32 300 AD/AV | 32 | 78 | 300 | 24 |
| HK0.A63.40m200.FKV.ADAV | HSK-A 63 HC FMH-K40 200 AD/AV | 40 | 88 | 200 | 27 |
| HK0.A63.40m250.FKV.ADAV | HSK-A 63 HC FMH-K40 250 AD/AV | 40 | 88 | 250 | 27 |
| HK0.A63.40m300.FKV.ADAV | HSK-A 63 HC FMH-K40 300 AD/AV | 40 | 88 | 300 | 27 |

**INCH**

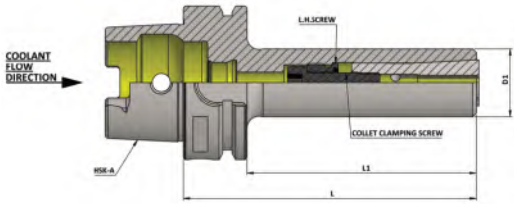
| HSK-A63 (DIN 69893-1) Hydraulic Expansion Face Mill Holder (HC-FMH-K - AD/AV) | | | | | |
|---|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D** | **D1** | **L1** | **L2** |
| HK0.A63.1z7874.FKV.ADAV | HSK-A 63 HC FMH-K1.0'' 200 AD/AV | 1.0'' | 2.375" | 7.874" | 0.687" |
| HK0.A63.1z9843.FKV.ADAV | HSK-A 63 HC FMH-K1.0'' 250 AD/AV | 1.0'' | 2.375" | 9.843" | 0.687" |
| HK0.A63.1z11811.FKV.ADAV | HSK-A 63 HC FMH-K1.0'' 300 AD/AV | 1.0'' | 2.375" | 11.811" | 0.687" |
| HK0.A63.11/4z7874.FKV.ADAV | HSK-A 63 HC FMH-K1 1/4'' 200 AD/AV | 1 1/4'' | 2.875" | 7.874" | 0.687" |
| HK0.A63.11/4z9843.FKV.ADAV | HSK-A 63 HC FMH-K1 1/4'' 250 AD/AV | 1 1/4'' | 2.875" | 9.843" | 0.687" |
| HK0.A63.11/4z11811.FKV.ADAV | HSK-A 63 HC FMH-K1 1/4'' 300 AD/AV | 1 1/4'' | 2.875" | 11.811" | 0.687" |
| HK0.A63.11/2z7874.FKV.ADAV | HSK-A 63 HC FMH-K1 1/2'' 200 AD/AV | 1 1/2'' | 3.750" | 7.874" | 0.938" |
| HK0.A63.11/2z9843.FKV.ADAV | HSK-A 63 HC FMH-K1 1/2'' 250 AD/AV | 1 1/2'' | 3.750" | 9.843" | 0.938" |
| HK0.A63.11/2z11811.FKV.ADAV | HSK-A 63 HC FMH-K1 1/2'' 300 AD/AV | 1 1/2'' | 3.750" | 11.811" | 0.938" |

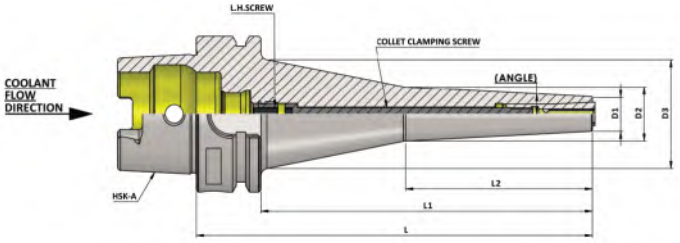
## Accessories:



KEY HC 5MM

Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm



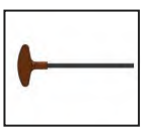

**METRIC**

| HSK-A63 (DIN 69893 - 1) (DMC) | | | | | | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | GRIPPING RANGE | D1 | D2 | D3 | L | L1 | L2 | ANGLE | SUITABLE COLLET | SCREW | ALLEN KEY |
| HK0.A63.14m75.DMC | HSK-A 63 DMC 06 075 2.5G 25000 SL | 3-6 | 14 | 17.6 | – | 75 | 49 | 34 | 3 | DMC-6 | M5 | 4X200 |
| HK0.A63.14m95.DMC | HSK-A 63 DMC 06 095 2.5G 25000 SL | 3-6 | 14 | 18.7 | 36 | 95 | 69 | 45 | 3 | DMC-6 | M5 | 4X200 |
| HK0.A63.14m120.DMC | HSK-A 63 DMC 06 120 2.5G 25000 SL | 3-6 | 14 | 19.6 | 40 | 120 | 94 | 53 | 3 | DMC-6 | M5 | 4X200 |
| HK0.A63.14m150.DMC | HSK-A 63 DMC 06 150 2.5G 25000 SL | 3-6 | 14 | 22.4 | 45 | 150 | 124 | 80 | 3 | DMC-6 | M5 | 4X200 |
| HK0.A63.14m160.DMC | HSK-A 63 DMC 06 160 2.5G 25000 SL | 3-6 | 14 | 22.4 | 45 | 160 | 134 | 80 | 3 | DMC-6 | M5 | 4X200 |
| HK0.A63.22m100.DMC | HSK-A 63 DMC 08 100 2.5G 25000 SL | 3-8 | 22 | 27.5 | 36 | 100 | 74 | 53 | 3 | DMC-8 | M6 | 5X200 |
| HK0.A63.22m160.DMC | HSK-A 63 DMC 08 160 2.5G 25000 SL | 3-8 | 22 | 30.4 | 45 | 160 | 134 | 80 | 3 | DMC-8 | M6 | 5X200 |
| HK0.A63.28m110.DMC | HSK-A 63 DMC 10 110 2.5G 25000 SL | 3-10 | 28 | – | – | 110 | 84 | – | – | DMC-10 | M8 | 6X200 |

## Accessories:


DMC COLLET

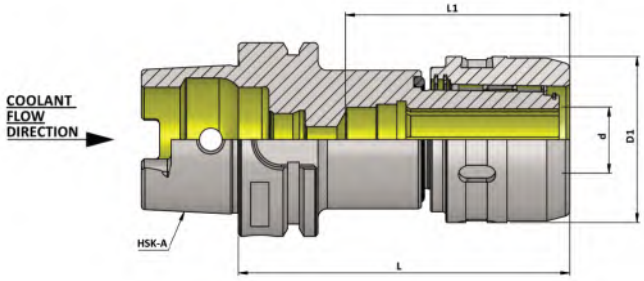

DMC ALLEN CAP SCREW


DMC ALLEN KEY


DMC LH SCREW

# HSK-A63 (DIN 69893 - 1)
# Power Milling Chuck (PMC)

Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm




**METRIC**

| HSK-A63 (DIN 69893 - 1) (PMC) | | | | | (Balanced to 6.3G 20000 RPM) |
|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | L | L1 |
| HK0.A63.20m105.PMC.AD | HSK-A 63 C20 105 AD/6.3G 20000 SL | 20 | 54 | 105 | 70 |
| HK0.A63.32m130.PMC.AD | HSK-A 63 C32 130 AD/6.3G 20000 SL | 32 | 72 | 130 | 100 |

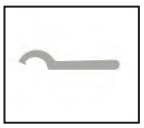
**INCH**

| HSK-A63 (DIN 69893 - 1) (PMC) | | | | | (Balanced to 6.3G 20000 RPM) |
|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | L | L1 |
| HK0.A63.3/4z4134.PMC.AD | HSK-A 63 C 3/4'' 105 AD/6.3G 20000 SL | 3/4" | 2.126" | 4.134" | 2.756" |
| HK0.A63.11/4z5118.PMC.AD | HSK-A 63 C 1 1/4'' 130 AD/6.3G 20000 SL | 1-1/4" | 2.835" | 5.118" | 3.937" |

## Accessories:

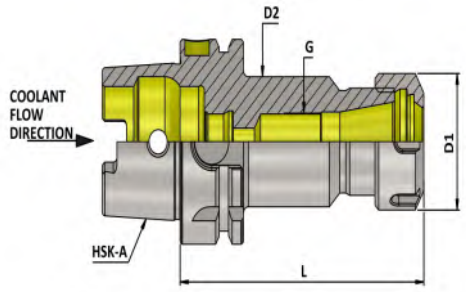


RS SEAL
SLEEVE



POWER CHUCK
SPANNER

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-A63 32 (DIN 69893 - 1) Collet Chuck ER | | | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Suitable Collet | Collet Capacity | D1 | D2 | G | L | Nut | Spanner |
| HK0.A63.32m100.ERS | HSK-A 63 ER 16 100 2.5G 25000 SL | ER 16 | 0.5-10 | 32 | 28 | M10x1 | 100 | UM/ER 16 | E16 |
| HK0.A63.32m130.ERS | HSK-A 63 ER 16 130 2.5G 25000 SL | ER 16 | 0.5-10 | 32 | 28 | M10x1 | 130 | UM/ER 16 | E16 |
| HK0.A63.32m160.ERS | HSK-A 63 ER 16 160 2.5G 25000 SL | ER 16 | 0.5-10 | 32 | 28 | M10x1 | 160 | UM/ER 16 | E16 |
| HK0.A63.35m100.ERS | HSK-A 63 ER 20 100 2.5G 25000 SL | ER 20 | 1.0-13 | 35 | 33 | M10x1 | 100 | UM/ER 20 | E20 |
| HK0.A63.35m130.ERS | HSK-A 63 ER 20 130 2.5G 25000 SL | ER 20 | 1.0-13 | 35 | 33 | M10x1 | 130 | UM/ER 20 | E20 |
| HK0.A63.35m160.ERS | HSK-A 63 ER 20 160 2.5G 25000 SL | ER 20 | 1.0-13 | 35 | 33 | M10x1 | 160 | UM/ER 20 | E20 |
| HK0.A63.42m100.ERS | HSK-A 63 ER 25 100 2.5G 25000 SL | ER 25 | 1.0-16 | 42 | 40 | M18x1 | 100 | UM/ER 25 | E25 |
| HK0.A63.42m130.ERS | HSK-A 63 ER 25 130 2.5G 25000 SL | ER 25 | 1.0-16 | 42 | 40 | M18x1 | 130 | UM/ER 25 | E25 |
| HK0.A63.42m160.ERS | HSK-A 63 ER 25 160 2.5G 25000 SL | ER 25 | 1.0-16 | 42 | 40 | M18x1 | 160 | UM/ER 25 | E25 |
| HK0.A63.50m100.ERS | HSK-A 63 ER 32 100 2.5G 25000 SL | ER 32 | 2.0-20 | 50 | 48 | M22X1.5 | 100 | UM/ER 32 | E32 |
| HK0.A63.50m130.ERS | HSK-A 63 ER 32 130 2.5G 25000 SL | ER 32 | 2.0-20 | 50 | 48 | M22X1.5 | 130 | UM/ER 32 | E32 |
| HK0.A63.50m160.ERS | HSK-A 63 ER 32 160 2.5G 25000 SL | ER 32 | 2.0-20 | 50 | 48 | M22X1.5 | 160 | UM/ER 32 | E32 |
| HK0.A63.63m120.ERS | HSK-A 63 ER 40 120 2.5G 25000 SL | ER 40 | 3.0-26 | 63 | - | M30x1.5 | 120 | UM/ER 40 | E40 |
| HK0.A63.63m160.ERS | HSK-A 63 ER 40 160 2.5G 25000 SL | ER 40 | 3.0-26 | 63 | - | M30x1.5 | 160 | UM/ER 40 | E40 |

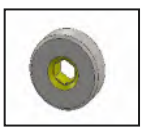
## Accessories:


ER COLLET (DIN 6499)

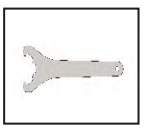

TAP COLLET ER-G


QC TAP COLLET QCTC


ER NUT

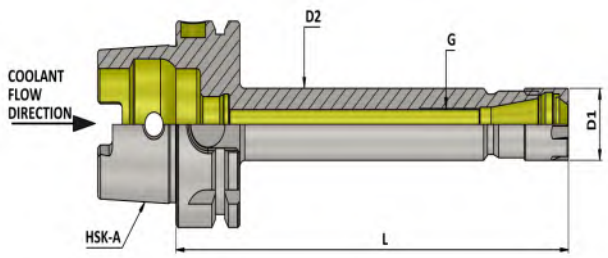

ER STOPPER SCREW


SEALING DISC


SPANNER E

# HSK-A63 (DIN 69893 - 1)
# Collet Chuck ER-M Type (DIN 6499)

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-A63 (DIN 69893 - 1) Collet Chuck ER-M Type | | | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Suitable Collet | Collet Capacity | D1 | D2 | G | L | Nut | Spanner |
| HK0.A63.16m100.ERM | HSK-A63 ER11M 100 2.5G 25000 SL | ER 11 | 0.5-7 | 16 | 16 | M6x1P | 100 | ER11M | E11M |
| HK0.A63.16m130.ERM | HSK-A63 ER11M 130 2.5G 25000 SL | ER 11 | 0.5-7 | 16 | 16 | M6x1P | 130 | ER11M | E11M |
| HK0.A63.16m160.ERM | HSK-A63 ER11M 160 2.5G 25000 SL | ER 11 | 0.5-7 | 16 | 16 | M6x1P | 160 | ER11M | E11M |
| HK0.A63.22m70.ERM | HSK-A63 ER16M 070 2.5G 25000 SL | ER 16 | 0.5-10 | 22 | 22 | M10x1P | 70 | ER16M | E16M |
| HK0.A63.22m100.ERM | HSK-A63 ER16M 100 2.5G 25000 SL | ER 16 | 0.5-10 | 22 | 22 | M10x1P | 100 | ER16M | E16M |
| HK0.A63.22m130.ERM | HSK-A63 ER16M 130 2.5G 25000 SL | ER 16 | 0.5-10 | 22 | 22 | M10x1P | 130 | ER16M | E16M |
| HK0.A63.22m160.ERM | HSK-A63 ER16M 160 2.5G 25000 SL | ER 16 | 0.5-10 | 22 | 22 | M10x1P | 160 | ER16M | E16M |
| HK0.A63.35m100.ERM | HSK-A63 ER25M 100 2.5G 25000 SL | ER 25 | 1.0-16 | 35 | 35 | M18x1P | 100 | ER25M | E25M |
| HK0.A63.35m160.ERM | HSK-A63 ER25M 160 2.5G 25000 SL | ER 25 | 1.0-16 | 35 | 35 | M18x1P | 160 | ER25M | E25M |

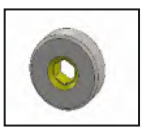
## Accessories:


ER COLLET (DIN 6499)


TAP COLLET ER-G


QC TAP COLLET QCTC


ER M NUT

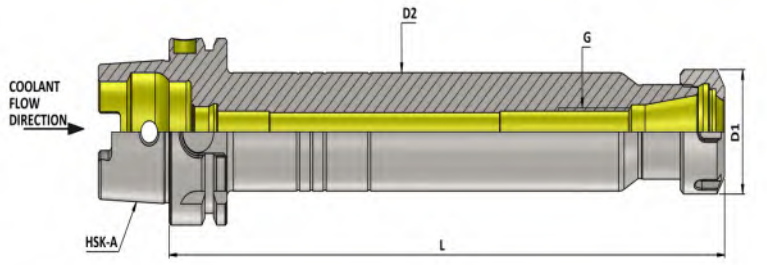

ER STOPPER SCREW


SEALING DISC


ERM SPANNER

# HSK-A63 (DIN 69893 - 1)
# Collet Chuck ER Long Series (DIN 6499) (AD)

Maximum Run out of the Internal Taper with respect to the External Taper 0.010 mm as supplied




**METRIC**

**HSK-A63 (DIN 69893 - 1) Collet Chuck ER (AD)**

| PRODUCT CODE | Item Name | Suitable Collet | Collet Capacity | D1 | D2 | G | L | Suitable Nut | Suitable Spanner |
|---|---|---|---|---|---|---|---|---|---|
| HK0.A63.32m200.ERL.AD | HSK-A 63 ER 16 200 AD | ER 16 | 0.5-10 | 32 | 30 | M10 x 1.5P | 200 | UM/ER16 | E16 |
| HK0.A63.32m250.ERL.AD | HSK-A 63 ER 16 250 AD | ER 16 | 0.5-10 | 32 | 30 | M10 x 1.5P | 250 | UM/ER16 | E16 |
| HK0.A63.32m300.ERL.AD | HSK-A 63 ER 16 300 AD | ER 16 | 0.5-10 | 32 | 30 | M10 x 1.5P | 300 | UM/ER16 | E16 |
| HK0.A63.35m200.ERL.AD | HSK-A 63 ER 20 200 AD | ER 20 | 1.0-13 | 35 | 34 | M10 x 1.5P | 200 | UM/ER20 | E20 |
| HK0.A63.35m250.ERL.AD | HSK-A 63 ER 20 250 AD | ER 20 | 1.0-13 | 35 | 34 | M10 x 1.5P | 250 | UM/ER20 | E20 |
| HK0.A63.35m300.ERL.AD | HSK-A 63 ER 20 300 AD | ER 20 | 1.0-13 | 35 | 34 | M10 x 1.5P | 300 | UM/ER20 | E20 |
| HK0.A63.42m200.ERL.AD | HSK-A 63 ER 25 200 AD | ER 25 | 1.0-16 | 42 | 40 | M16 x 2P | 200 | UM/ER25 | E25 |
| HK0.A63.42m250.ERL.AD | HSK-A 63 ER 25 250 AD | ER 25 | 1.0-16 | 42 | 40 | M16 x 2P | 250 | UM/ER25 | E25 |
| HK0.A63.42m300.ERL.AD | HSK-A 63 ER 25 300 AD | ER 25 | 1.0-16 | 42 | 40 | M16 x 2P | 300 | UM/ER25 | E25 |
| HK0.A63.50m200.ERL.AD | HSK-A 63 ER 32 200 AD | ER 32 | 2.0-20 | 50 | 48 | M16 x 2P | 200 | UM/ER32 | E32 |
| HK0.A63.50m250.ERL.AD | HSK-A 63 ER 32 250 AD | ER 32 | 2.0-20 | 50 | 48 | M16 x 2P | 250 | UM/ER32 | E32 |
| HK0.A63.50m300.ERL.AD | HSK-A 63 ER 32 300 AD | ER 32 | 2.0-20 | 50 | 48 | M16 x 2P | 300 | UM/ER32 | E32 |
| HK0.A63.63m200.ERL.AD | HSK-A 63 ER 40 200 AD | ER 40 | 3.0-26 | 63 | 52 | M16 x 2P | 200 | UM/ER40 | E40 |
| HK0.A63.63m250.ERL.AD | HSK-A 63 ER 40 250 AD | ER 40 | 3.0-26 | 63 | 52 | M16 x 2P | 250 | UM/ER40 | E40 |
| HK0.A63.63m300.ERL.AD | HSK-A 63 ER 40 300 AD | ER 40 | 3.0-26 | 63 | 52 | M16 x 2P | 300 | UM/ER40 | E40 |

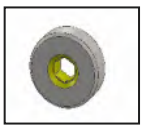
## Accessories:


ER COLLET (DIN 6499)

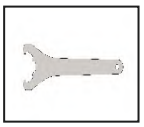

TAP COLLET ER-G


QC TAP COLLET QCTC


ER NUT

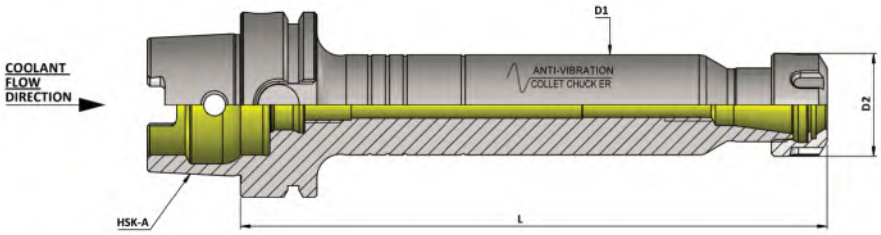

ER STOPPER SCREW


SEALING DISC


SPANNER E

# HSK-A63 (DIN 69893 - 1)
# Collet Chuck ER Anti - vibration (ER AV)

Maximum Run out of the Internal Taper with respect to the External Taper 0.010 mm




**METRIC**

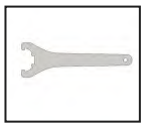
**HSK-A63 (DIN 69893-1) ( ER - AV)**

| PRODUCT CODE | ITEM NAME | Suitable Collet | Collet Capacity | D1 | D2 | L | Suitable Nut | Suitable Spanner |
|---|---|---|---|---|---|---|---|---|
| HK0.A63.30m200.ERV.AV | HSK-A 63 ER 16 200 AV | ER 16 | 0.5-10 | 30 | 32 | 200 | UM/ER16 | E16 |
| HK0.A63.30m250.ERV.AV | HSK-A 63 ER 16 250 AV | ER 16 | 0.5-10 | 30 | 32 | 250 | UM/ER16 | E16 |
| HK0.A63.30m300.ERV.AV | HSK-A 63 ER 16 300 AV | ER 16 | 0.5-10 | 30 | 32 | 300 | UM/ER16 | E16 |
| HK0.A63.34m200.ERV.AV | HSK-A 63 ER 20 200 AV | ER 20 | 1.0-13 | 34 | 35 | 200 | UM/ER20 | E20 |
| HK0.A63.34m250.ERV.AV | HSK-A 63 ER 20 250 AV | ER 20 | 1.0-13 | 34 | 35 | 250 | UM/ER20 | E20 |
| HK0.A63.34m300.ERV.AV | HSK-A 63 ER 20 300 AV | ER 20 | 1.0-13 | 34 | 35 | 300 | UM/ER20 | E20 |
| HK0.A63.40m200.ERV.AV | HSK-A 63 ER 25 200 AV | ER 25 | 1.0-16 | 40 | 42 | 200 | UM/ER25 | E25 |
| HK0.A63.40m250.ERV.AV | HSK-A 63 ER 25 250 AV | ER 25 | 1.0-16 | 40 | 42 | 250 | UM/ER25 | E25 |
| HK0.A63.40m300.ERV.AV | HSK-A 63 ER 25 300 AV | ER 25 | 1.0-16 | 40 | 42 | 300 | UM/ER25 | E25 |
| HK0.A63.48m200.ERV.AV | HSK-A 63 ER 32 200 AV | ER 32 | 2.0-20 | 48 | 50 | 200 | UM/ER32 | E32 |
| HK0.A63.48m250.ERV.AV | HSK-A 63 ER 32 250 AV | ER 32 | 2.0-20 | 48 | 50 | 250 | UM/ER32 | E32 |
| HK0.A63.48m300.ERV.AV | HSK-A 63 ER 32 300 AV | ER 32 | 2.0-20 | 48 | 50 | 300 | UM/ER32 | E32 |
| HK0.A63.52m200.ERV.AV | HSK-A 63 ER 40 200 AV | ER 40 | 3.0-26 | 52 | 63 | 200 | UM/ER40 | E40 |
| HK0.A63.52m250.ERV.AV | HSK-A 63 ER 40 250 AV | ER 40 | 3.0-26 | 52 | 63 | 250 | UM/ER40 | E40 |
| HK0.A63.52m300.ERV.AV | HSK-A 63 ER 40 300 AV | ER 40 | 3.0-26 | 52 | 63 | 300 | UM/ER40 | E40 |

## Accessories:

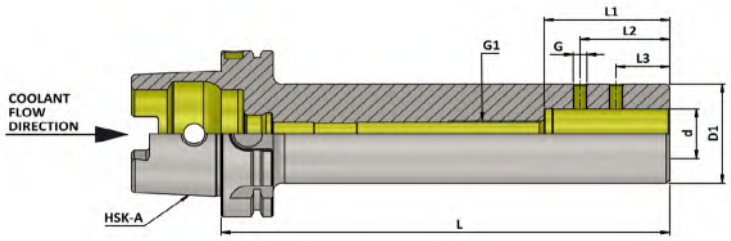

ER COLLET


ER SLOTTED NUT


ER SPANNER

# HSK-A63 (DIN 69893 - 1)
# Side Lock Adaptor Long Series (SLA) (AD)

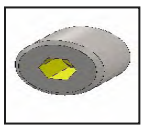
Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm as supplied




**METRIC**

| HSK-A63 (DIN 69893 - 1) Side Lock Adaptor Long Series (SLA) (AD) (JD) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | G | G1 | L | L1 (ID) | L2(2nd Tap) | L3(1st tap) | SCREW QTY. |
| HK0.A63.16m200.SLS.AD | HSK-A 63 SLA16 200 AD | 16 | 48 | M14 | M12 | 200 | 57 | – | 23.50 | 1 |
| HK0.A63.16m250.SLS.AD | HSK-A 63 SLA16 250 AD | 16 | 48 | M14 | M12 | 250 | 57 | – | 23.50 | 1 |
| HK0.A63.16m300.SLS.AD | HSK-A 63 SLA16 300 AD | 16 | 48 | M14 | M12 | 300 | 57 | – | 23.50 | 1 |
| HK0.A63.20m200.SLS.AD | HSK-A 63 SLA20 200 AD | 20 | 50 | M10 | M16 | 200 | 70 | 45 | 25 | 2 |
| HK0.A63.20m250.SLS.AD | HSK-A 63 SLA20 250 AD | 20 | 50 | M10 | M16 | 250 | 70 | 45 | 25 | 2 |
| HK0.A63.20m300.SLS.AD | HSK-A 63 SLA20 300 AD | 20 | 50 | M10 | M16 | 300 | 70 | 45 | 25 | 2 |
| HK0.A63.25m200.SLS.AD | HSK-A 63 SLA25 200 AD | 25 | 50 | M10 | M16 | 200 | 70 | 45 | 25 | 2 |
| HK0.A63.25m250.SLS.AD | HSK-A 63 SLA25 250 AD | 25 | 50 | M10 | M16 | 250 | 70 | 45 | 25 | 2 |
| HK0.A63.25m300.SLS.AD | HSK-A 63 SLA25 300 AD | 25 | 50 | M10 | M16 | 300 | 70 | 45 | 25 | 2 |
| HK0.A63.32m200.SLS.AD | HSK-A 63 SLA32 200 AD | 32 | 60 | M10 | M16 | 200 | 70 | 50 | 30 | 2 |
| HK0.A63.32m250.SLS.AD | HSK-A 63 SLA32 250 AD | 32 | 60 | M10 | M16 | 250 | 70 | 50 | 30 | 2 |
| HK0.A63.32m300.SLS.AD | HSK-A 63 SLA32 300 AD | 32 | 60 | M10 | M16 | 300 | 70 | 50 | 30 | 2 |
| HK0.A63.40m200.SLS.AD | HSK-A 63 SLA40 200 AD | 40 | 60 | M10 | M16 | 200 | 70 | 50 | 30 | 2 |
| HK0.A63.40m250.SLS.AD | HSK-A 63 SLA40 250 AD | 40 | 60 | M10 | M16 | 250 | 70 | 50 | 30 | 2 |
| HK0.A63.40m300.SLS.AD | HSK-A 63 SLA40 300 AD | 40 | 60 | M10 | M16 | 300 | 70 | 50 | 30 | 2 |

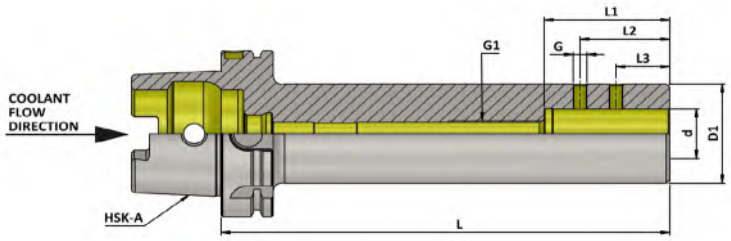
## Accessories:



LOCKING
SCREW SLA

# HSK-A63 (DIN 69893 - 1)
# Side Lock Adaptor Long Series (SLA) (AD)

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm



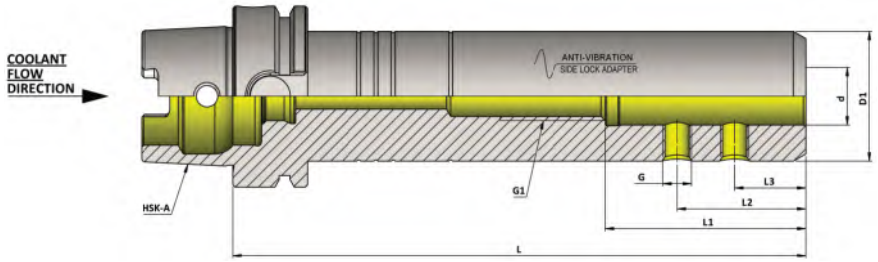

**INCH**

**HSK-A63 (DIN 69893 - 1) Side Lock Adaptor Long Series (SLA) (AD) (JD)**

| PRODUCT CODE | ITEM NAME | d | D1 | G | G1 | L | L1(ID) | L2 (2nd Tap) | L3 (1st Tap) | SCREW QTY. |
|---|---|---|---|---|---|---|---|---|---|---|
| HK0.A63.1/4z3000.SLS.AD | HSK-A 63 SLA 1/4'' 3.0'' AD | 1/4" | 0.780" | 1/4"-28 UNF | - | 3.0" | 1.378" | _ | 0.630" | 0.039" |
| HK0.A63.1/2z3000.SLS.AD | HSK-A 63 SLA 1/2'' 3.0'' AD | 1/2" | 1.380" | 7/16"-20 UNF | - | 3.0" | 2.008" | _ | 0.875" | 0.039" |
| HK0.A63.5/8z7874.SLS.AD | HSK-A 63 SLA5/8'' 200 AD | 5/8" | 1.89" | 1/2"20UNFx7/16" | M12 | 7.874" | 2.244" | – | 0.937" | 0.039" |
| HK0.A63.5/8z9843.SLS.AD | HSK-A 63 SLA5/8'' 250 AD | 5/8" | 1.89" | 1/2"20UNFx7/16" | M12 | 9.843" | 2.244" | – | 0.937" | 0.039" |
| HK0.A63.5/8z11811.SLS.AD | HSK-A 63 SLA5/8'' 300 AD | 5/8" | 1.89" | 1/2"20UNFx7/16" | M12 | 11.811" | 2.244" | – | 0.937" | 0.039" |
| HK0.A63.3/4z375.SLS.AD | HSK-A 63 SLA 3/4'' 3.75'' AD | 3/4" | 1.750" | 5/8"-18 UNF | - | 3.75" | 2.323" | – | 1.00" | 0.039" |
| HK0.A63.3/4z7874.SLS.AD | HSK-A 63 SLA3/4'' 200 AD | 3/4" | 1.969" | 5/8"18UNFx1/2" | M16 | 7.874" | 2.323" | – | 1.00" | 0.039" |
| HK0.A63.3/4z9843.SLS.AD | HSK-A 63 SLA3/4'' 250 AD | 3/4" | 1.969" | 5/8"18UNFx1/2" | M16 | 9.843" | 2.323" | – | 1.00" | 0.039" |
| HK0.A63.3/4z11811.SLS.AD | HSK-A 63 SLA3/4'' 300 AD | 3/4" | 1.969" | 5/8"18UNFx1/2" | M16 | 11.811" | 2.323" | – | 1.00" | 0.039" |
| HK0.A63.1z7874.SLS.AD | HSK-A 63 SLA1.0'' 200 AD | 1.0" | 1.969" | 3/4"16UNFx1/2" | M16 | 7.874" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A63.1z9843.SLS.AD | HSK-A 63 SLA1.0'' 250 AD | 1.0" | 1.969" | 3/4"16UNFx1/2" | M16 | 9.843" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A63.1z11811.SLS.AD | HSK-A 63 SLA1.0'' 300 AD | 1.0" | 1.969" | 3/4"16UNFx1/2" | M16 | 11.811" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A63.11/4z7874.SLS.AD | HSK-A 63 SLA1 1/4'' 200 AD | 1-1/4" | 2.362" | 3/4"16UNFx1/2" | M16 | 7.874" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A63.11/4z9843.SLS.AD | HSK-A 63 SLA1 1/4'' 250 AD | 1-1/4" | 2.362" | 3/4"16UNFx1/2" | M16 | 9.843" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A63.11/4z11811.SLS.AD | HSK-A 63 SLA1 1/4'' 300 AD | 1-1/4" | 2.362" | 3/4"16UNFx1/2" | M16 | 11.811" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A63.11/2z7874.SLS.AD | HSK-A 63 SLA1 1/2'' 200 AD | 1-1/2" | 2.362" | 3/4"16UNFx1/2" | M16 | 7.874" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A63.11/2z9843.SLS.AD | HSK-A 63 SLA1 1/2'' 250 AD | 1-1/2" | 2.362" | 3/4"16UNFx1/2" | M16 | 9.843" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A63.11/2z11811.SLS.AD | HSK-A 63 SLA1 1/2'' 300 AD | 1-1/2" | 2.362" | 3/4"16UNFx1/2" | M16 | 11.811" | 2.953" | 2.125" | 1.125" | 0.079" |

# HSK-A63 (DIN 69893 - 1)
# Side Lock Adaptor Anti - Vibration (SLA - AV)

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm



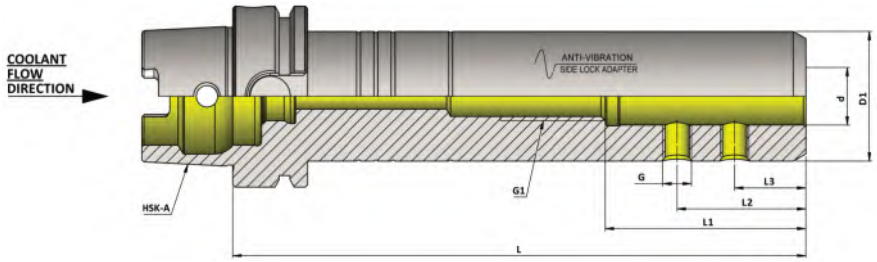

**METRIC**

**HSK-A63 (DIN 69893-1) ( SLA - AV)**

| PRODUCT CODE | ITEM NAME | d | D1 | G | G1 | L | L1 | L2 | L3 | SCREW QTY. |
|---|---|---|---|---|---|---|---|---|---|---|
| HK0.A63.16m200.SLV.AV | HSK-A 63 SLA16 200 AV | 16 | 48 | M14 | M12 | 200 | 57 | – | 23.50 | 1 |
| HK0.A63.16m250.SLV.AV | HSK-A 63 SLA16 250 AV | 16 | 48 | M14 | M12 | 250 | 57 | – | 23.50 | 1 |
| HK0.A63.16m300.SLV.AV | HSK-A 63 SLA16 300 AV | 16 | 48 | M14 | M12 | 300 | 57 | – | 23.50 | 1 |
| HK0.A63.20m200.SLV.AV | HSK-A 63 SLA20 200 AV | 20 | 50 | M10 | M16 | 200 | 70 | 45 | 25 | 2 |
| HK0.A63.20m250.SLV.AV | HSK-A 63 SLA20 250 AV | 20 | 50 | M10 | M16 | 250 | 70 | 45 | 25 | 2 |
| HK0.A63.20m300.SLV.AV | HSK-A 63 SLA20 300 AV | 20 | 50 | M10 | M16 | 300 | 70 | 45 | 25 | 2 |
| HK0.A63.25m200.SLV.AV | HSK-A 63 SLA25 200 AV | 25 | 50 | M10 | M16 | 200 | 70 | 45 | 25 | 2 |
| HK0.A63.25m250.SLV.AV | HSK-A 63 SLA25 250 AV | 25 | 50 | M10 | M16 | 250 | 70 | 45 | 25 | 2 |
| HK0.A63.25m300.SLV.AV | HSK-A 63 SLA25 300 AV | 25 | 50 | M10 | M16 | 300 | 70 | 45 | 25 | 2 |
| HK0.A63.32m200.SLV.AV | HSK-A 63 SLA32 200 AV | 32 | 60 | M10 | M16 | 200 | 70 | 50 | 30 | 2 |
| HK0.A63.32m250.SLV.AV | HSK-A 63 SLA32 250 AV | 32 | 60 | M10 | M16 | 250 | 70 | 50 | 30 | 2 |
| HK0.A63.32m300.SLV.AV | HSK-A 63 SLA32 300 AV | 32 | 60 | M10 | M16 | 300 | 70 | 50 | 30 | 2 |
| HK0.A63.40m200.SLV.AV | HSK-A 63 SLA40 200 AV | 40 | 60 | M10 | M16 | 200 | 70 | 50 | 30 | 2 |
| HK0.A63.40m250.SLV.AV | HSK-A 63 SLA40 250 AV | 40 | 60 | M10 | M16 | 250 | 70 | 50 | 30 | 2 |
| HK0.A63.40m300.SLV.AV | HSK-A 63 SLA40 300 AV | 40 | 60 | M10 | M16 | 300 | 70 | 50 | 30 | 2 |

# HSK-A63 (DIN 69893 - 1)
# Side Lock Adaptor Anti - Vibration (SLA - AV)

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm



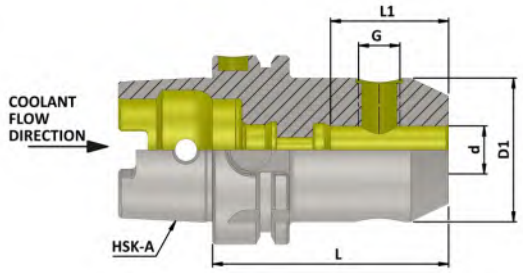

**INCH**

**HSK-A63 (DIN 69893-1) ( SLA - AV)**

| PRODUCT CODE | ITEM NAME | d | D1 | G | G1 | L | L1 | L2 | L3 | SCREW QTY. |
|---|---|---|---|---|---|---|---|---|---|---|
| HK0.A63.5/8z7874.SLV.AV | HSK-A 63 SLA5/8'' 200 AV | 5/8" | 1.89" | 1/2"20UNFx7/16" | M12 | 7.874" | 2.244" | – | 0.937" | 0.039" |
| HK0.A63.5/8z9843.SLV.AD | HSK-A 63 SLA5/8'' 250 AD/ AV | 5/8" | 1.89" | 1/2"20UNFx7/16" | M12 | 9.843" | 2.244" | – | 0.937" | 0.039" |
| HK0.A63.5/8z11811.SLV.AD | HSK-A 63 SLA5/8'' 300 AD/ AV | 5/8" | 1.89" | 1/2"20UNFx7/16" | M12 | 11.811" | 2.244" | – | 0.937" | 0.039" |
| HK0.A63.3/4z7874.SLV.AV | HSK-A 63 SLA3/4'' 200 AV | 3/4" | 1.969" | 5/8"18UNFx1/2" | M16 | 7.874" | 2.323" | – | 1.00" | 0.039" |
| HK0.A63.3/4z9843.SLV.AV | HSK-A 63 SLA3/4'' 250 AV | 3/4" | 1.969" | 5/8"18UNFx1/2" | M16 | 9.843" | 2.323" | – | 1.00" | 0.039" |
| HK0.A63.3/4z11811.SLV.AV | HSK-A 63 SLA3/4'' 300 AV | 3/4" | 1.969" | 5/8"18UNFx1/2" | M16 | 11.811" | 2.323" | – | 1.00" | 0.039" |
| HK0.A63.1z7874.SLV.AV | HSK-A 63 SLA1.0'' 200 AV | 1.0" | 1.969" | 3/4"16UNFx1/2" | M16 | 7.874" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A63.1z9843.SLV.AV | HSK-A 63 SLA1.0'' 250 AV | 1.0" | 1.969" | 3/4"16UNFx1/2" | M16 | 9.843" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A63.1z11811.SLV.AV | HSK-A 63 SLA1.0'' 300 AV | 1.0" | 1.969" | 3/4"16UNFx1/2" | M16 | 11.811" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A63.11/4z7874.SLV.AV | HSK-A 63 SLA1 1/4'' 200 AV | 1-1/4" | 2.362" | 3/4"16UNFx1/2" | M16 | 7.874" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A63.11/4z9843.SLV.AD | HSK-A 63 SLA1 1/4'' 250 AD/ AV | 1-1/4" | 2.362" | 3/4"16UNFx1/2" | M16 | 9.843" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A63.11/4z11811.SLV.AV | HSK-A 63 SLA1 1/4'' 300 AV | 1-1/4" | 2.362" | 3/4"16UNFx1/2" | M16 | 11.811" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A63.11/2z7874.SLV.AV | HSK-A 63 SLA1 1/2'' 200 AV | 1-1/2" | 2.362" | 3/4"16UNFx1/2" | M16 | 7.874" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A63.11/2z9843.SLV.AV | HSK-A 63 SLA1 1/2'' 250 AV | 1-1/2" | 2.362" | 3/4"16UNFx1/2" | M16 | 9.843" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A63.11/2z11811.SLV.AV | HSK-A 63 SLA1 1/2'' 300 AV | 1-1/2" | 2.362" | 3/4"16UNFx1/2" | M16 | 11.811" | 2.953" | 2.125" | 1.125" | 0.079" |

# HSK-A63 (DIN 69893 -1) Weldon Type
# End Mill Holder (DIN 1835 B) (WE) (DIN 6359)

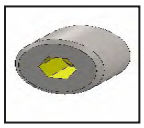
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-A63 50 (DIN 69893 - 1) (WE) | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.A63.6m65.WHS | HSK-A 63 WE06 065 2.5G 25000 SL | 6 | 25 | M6 | 65 | 34 | 1 |
| HK0.A63.6m100.WHS | HSK-A 63 WE06 100 2.5G 25000 SL | 6 | 25 | M6 | 100 | 34 | 1 |
| HK0.A63.6m130.WHS | HSK-A 63 WE06 130 2.5G 25000 SL | 6 | 25 | M6 | 130 | 34 | 1 |
| HK0.A63.6m160.WHS | HSK-A 63 WE06 160 2.5G 25000 SL | 6 | 25 | M6 | 160 | 34 | 1 |
| HK0.A63.8m65.WHS | HSK-A 63 WE08 065 2.5G 25000 SL | 8 | 28 | M8 | 65 | 34 | 1 |
| HK0.A63.8m100.WHS | HSK-A 63 WE08 100 2.5G 25000 SL | 8 | 28 | M8 | 100 | 34 | 1 |
| HK0.A63.8m130.WHS | HSK-A 63 WE08 130 2.5G 25000 SL | 8 | 28 | M8 | 130 | 34 | 1 |
| HK0.A63.8m160.WHS | HSK-A 63 WE08 160 2.5G 25000 SL | 8 | 28 | M8 | 160 | 34 | 1 |
| HK0.A63.10m65.WHS | HSK-A 63 WE10 065 2.5G 25000 SL | 10 | 35 | M10 | 65 | 40 | 1 |
| HK0.A63.10m100.WHS | HSK-A 63 WE10 100 2.5G 25000 SL | 10 | 35 | M10 | 100 | 40 | 1 |
| HK0.A63.10m130.WHS | HSK-A 63 WE10 130 2.5G 25000 SL | 10 | 35 | M10 | 130 | 40 | 1 |
| HK0.A63.10m160.WHS | HSK-A 63 WE10 160 2.5G 25000 SL | 10 | 35 | M10 | 160 | 40 | 1 |
| HK0.A63.12m80.WHS | HSK-A 63 WE12 080 2.5G 25000 SL | 12 | 42 | M12 | 80 | 46 | 1 |
| HK0.A63.12m100.WHS | HSK-A 63 WE12 100 2.5G 25000 SL | 12 | 42 | M12 | 100 | 46 | 1 |
| HK0.A63.12m130.WHS | HSK-A 63 WE12 130 2.5G 25000 SL | 12 | 42 | M12 | 130 | 46 | 1 |
| HK0.A63.12m160.WHS | HSK-A 63 WE12 160 2.5G 25000 SL | 12 | 42 | M12 | 160 | 46 | 1 |
| HK0.A63.14m80.WHS | HSK-A 63 WE14 080 2.5G 25000 SL | 14 | 44 | M12 | 80 | 46 | 1 |
| HK0.A63.14m100.WHS | HSK-A 63 WE14 100 2.5G 25000 SL | 14 | 44 | M12 | 100 | 46 | 1 |
| HK0.A63.14m130.WHS | HSK-A 63 WE14 130 2.5G 25000 SL | 14 | 44 | M12 | 130 | 46 | 1 |
| HK0.A63.14m160.WHS | HSK-A 63 WE14 160 2.5G 25000 SL | 14 | 44 | M12 | 160 | 46 | 1 |
| HK0.A63.16m80.WHS | HSK-A 63 WE16 080 2.5G 25000 SL | 16 | 48 | M14 | 80 | 48 | 1 |
| HK0.A63.16m100.WHS | HSK-A 63 WE16 100 2.5G 25000 SL | 16 | 48 | M14 | 100 | 48 | 1 |
| HK0.A63.16m130.WHS | HSK-A 63 WE16 130 2.5G 25000 SL | 16 | 48 | M14 | 130 | 48 | 1 |
| HK0.A63.16m160.WHS | HSK-A 63 WE16 160 2.5G 25000 SL | 16 | 48 | M14 | 160 | 48 | 1 |
| HK0.A63.18m80.WHS | HSK-A 63 WE18 080 2.5G 25000 SL | 18 | 50 | M14 | 80 | 48 | 1 |
| HK0.A63.18m100.WHS | HSK-A 63 WE18 100 2.5G 25000 SL | 18 | 50 | M14 | 100 | 48 | 1 |
| HK0.A63.18m130.WHS | HSK-A 63 WE18 130 2.5G 25000 SL | 18 | 50 | M14 | 130 | 48 | 1 |
| HK0.A63.18m160.WHS | HSK-A 63 WE18 160 2.5G 25000 SL | 18 | 50 | M14 | 160 | 48 | 1 |

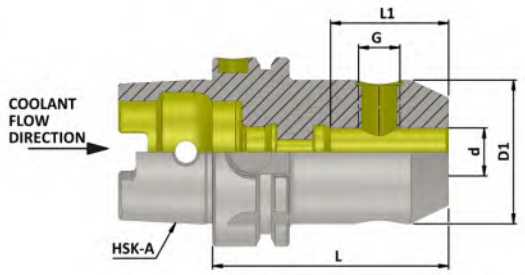
## Accessories:



LOCKING
SCREW SLA

# HSK-A63 (DIN 69893 -1) Weldon Type
# End Mill Holder (DIN 1835 B) (WE) (DIN 6359)

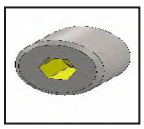
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-A63 50 (DIN 69893 - 1) (WE) | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.A63.20m80.WHS | HSK-A 63 WE20 080 2.5G 25000 SL | 20 | 52 | M16 | 80 | 52 | 1 |
| HK0.A63.20m100.WHS | HSK-A 63 WE20 100 2.5G 25000 SL | 20 | 52 | M16 | 100 | 52 | 1 |
| HK0.A63.20m130.WHS | HSK-A 63 WE20 130 2.5G 25000 SL | 20 | 52 | M16 | 130 | 52 | 1 |
| HK0.A63.20m160.WHS | HSK-A 63 WE20 160 2.5G 25000 SL | 20 | 52 | M16 | 160 | 52 | 1 |
| HK0.A63.25m110.WHS | HSK-A 63 WE25 110 2.5G 25000 SL | 25 | 65 | M18X2 | 110 | 56 | 2 |
| HK0.A63.25m160.WHS | HSK-A 63 WE25 160 2.5G 25000 SL | 25 | 65 | M18X2 | 160 | 56 | 2 |
| HK0.A63.32m110.WHS | HSK-A 63 WE32 110 2.5G 25000 SL | 32 | 72 | M20X2 | 110 | 60 | 2 |
| HK0.A63.32m160.WHS | HSK-A 63 WE32 160 2.5G 25000 SL | 32 | 72 | M20X2 | 160 | 60 | 2 |
| HK0.A63.40m125.WHS | HSK-A 63 WE40 125 2.5G 25000 SL | 40 | 80 | M20X2 | 125 | 70 | 2 |
| HK0.A63.40m160.WHS | HSK-A 63 WE40 160 2.5G 25000 SL | 40 | 80 | M20X2 | 160 | 70 | 2 |

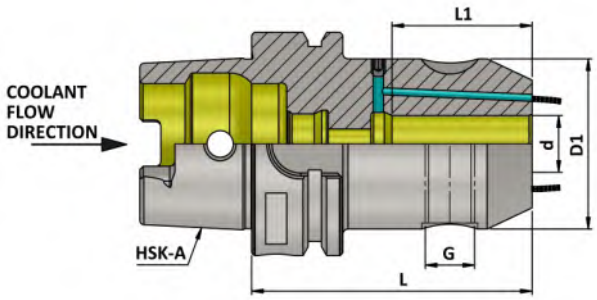
## Accessories:



LOCKING
SCREW SLA

# HSK A63 (DIN 69893-1) Weldon Type End Mill Holder (DIN 1835 B) (Face Coolant Channel) (WE : FCC) (DIN 6359)

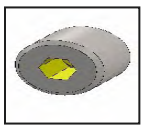
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK A63 (DIN 69893 - 1) (WE : FCC) | | | | | | | (Balanced 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.A63.6m65.WHF | HSK-A63WE06065FCC2.5G25000SL | 6 | 25 | M6 | 65 | 34 | 1 |
| HK0.A63.6m100.WHF | HSK-A63WE06100FCC2.5G25000SL | 6 | 25 | M6 | 100 | 34 | 1 |
| HK0.A63.6m130.WHF | HSK-A63WE06130FCC2.5G25000SL | 6 | 25 | M6 | 130 | 34 | 1 |
| HK0.A63.6m160.WHF | HSK-A63WE06160FCC2.5G25000SL | 6 | 25 | M6 | 160 | 34 | 1 |
| HK0.A63.8m65.WHF | HSK-A63WE08065FCC2.5G25000SL | 8 | 28 | M8 | 65 | 34 | 1 |
| HK0.A63.8m100.WHF | HSK-A63WE08100FCC2.5G25000SL | 8 | 28 | M8 | 100 | 34 | 1 |
| HK0.A63.8m130.WHF | HSK-A63WE08130FCC2.5G25000SL | 8 | 28 | M8 | 130 | 34 | 1 |
| HK0.A63.8m160.WHF | HSK-A63WE08160FCC2.5G25000SL | 8 | 28 | M8 | 160 | 34 | 1 |
| HK0.A63.10m65.WHF | HSK-A63WE10065FCC2.5G25000SL | 10 | 35 | M10 | 65 | 40 | 1 |
| HK0.A63.10m100.WHF | HSK-A63WE10100FCC2.5G25000SL | 10 | 35 | M10 | 100 | 40 | 1 |
| HK0.A63.10m130.WHF | HSK-A63WE10130FCC2.5G25000SL | 10 | 35 | M10 | 130 | 40 | 1 |
| HK0.A63.10m160.WHF | HSK-A63WE10160FCC2.5G25000SL | 10 | 35 | M10 | 160 | 40 | 1 |
| HK0.A63.12m80.WHF | HSK-A63WE12080FCC2.5G25000SL | 12 | 42 | M12 | 80 | 46 | 1 |
| HK0.A63.12m100.WHF | HSK-A63WE12100FCC2.5G25000SL | 12 | 42 | M12 | 100 | 46 | 1 |
| HK0.A63.12m130.WHF | HSK-A63WE12130FCC2.5G25000SL | 12 | 42 | M12 | 130 | 46 | 1 |
| HK0.A63.12m160.WHF | HSK-A63WE12160FCC2.5G25000SL | 12 | 42 | M12 | 160 | 46 | 1 |
| HK0.A63.14m80.WHF | HSK-A63WE14080FCC2.5G25000SL | 14 | 44 | M12 | 80 | 46 | 1 |
| HK0.A63.14m100.WHF | HSK-A63WE14100FCC2.5G25000SL | 14 | 44 | M12 | 100 | 46 | 1 |
| HK0.A63.14m130.WHF | HSK-A63WE14130FCC2.5G25000SL | 14 | 44 | M12 | 130 | 46 | 1 |
| HK0.A63.14m160.WHF | HSK-A63WE14160FCC2.5G25000SL | 14 | 44 | M12 | 160 | 46 | 1 |
| HK0.A63.16m80.WHF | HSK-A63WE16080FCC2.5G25000SL | 16 | 48 | M14 | 80 | 48 | 1 |
| HK0.A63.16m100.WHF | HSK-A63WE16100FCC2.5G25000SL | 16 | 48 | M14 | 100 | 48 | 1 |
| HK0.A63.16m130.WHF | HSK-A63WE16130FCC2.5G25000SL | 16 | 48 | M14 | 130 | 48 | 1 |
| HK0.A63.16m160.WHF | HSK-A63WE16160FCC2.5G25000SL | 16 | 48 | M14 | 160 | 48 | 1 |

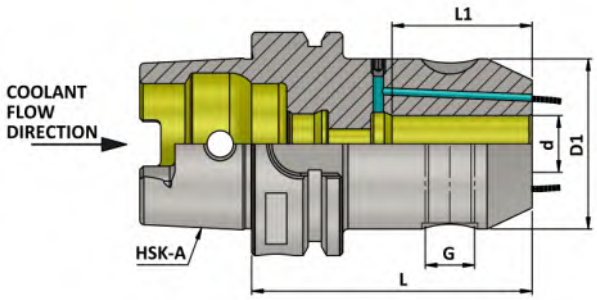
## Accessories:



LOCKING
SCREW SLA

# HSK A63 (DIN 69893-1) Weldon Type End Mill Holder (DIN 1835 B) (Face Coolant Channel) (WE : FCC) (DIN 6359)

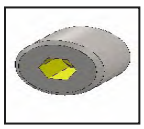
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

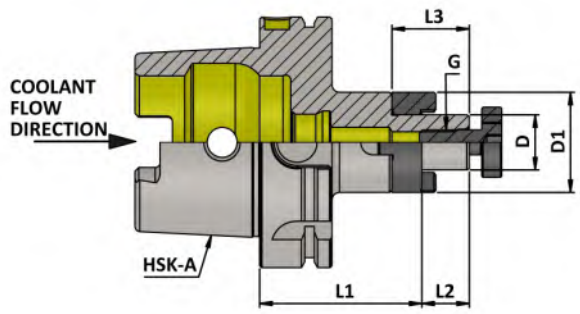
| HSK A63 (DIN 69893 - 1) (WE : FCC) | | | | | | | (Balanced 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.A63.18m80.WHF | HSK-A63WE18080FCC2.5G25000SL | 18 | 50 | M14 | 80 | 48 | 1 |
| HK0.A63.18m100.WHF | HSK-A63WE18100FCC2.5G25000SL | 18 | 50 | M14 | 100 | 48 | 1 |
| HK0.A63.18m130.WHF | HSK-A63WE18130FCC2.5G25000SL | 18 | 50 | M14 | 130 | 48 | 1 |
| HK0.A63.18m160.WHF | HSK-A63WE18160FCC2.5G25000SL | 18 | 50 | M14 | 160 | 48 | 1 |
| HK0.A63.20m80.WHF | HSK-A63WE20080FCC2.5G25000SL | 20 | 52 | M16 | 80 | 52 | 1 |
| HK0.A63.20m100.WHF | HSK-A63WE20100FCC2.5G25000SL | 20 | 52 | M16 | 100 | 52 | 1 |
| HK0.A63.20m130.WHF | HSK-A63WE20130FCC2.5G25000SL | 20 | 52 | M16 | 130 | 52 | 1 |
| HK0.A63.20m160.WHF | HSK-A63WE20160FCC2.5G25000SL | 20 | 52 | M16 | 160 | 52 | 1 |
| HK0.A63.25m110.WHF | HSK-A63WE25110FCC2.5G25000SL | 25 | 65 | M18X2 | 110 | 56 | 2 |
| HK0.A63.25m160.WHF | HSK-A63WE25160FCC2.5G25000SL | 25 | 65 | M18X2 | 160 | 56 | 2 |
| HK0.A63.32m110.WHF | HSK-A63WE32110FCC2.5G25000SL | 32 | 72 | M20X2 | 110 | 60 | 2 |
| HK0.A63.32m160.WHF | HSK-A63WE32160FCC2.5G25000SL | 32 | 72 | M20X2 | 160 | 60 | 2 |
| HK0.A63.40m125.WHF | HSK-A63WE40125FCC2.5G25000SL | 40 | 80 | M20X2 | 125 | 70 | 2 |
| HK0.A63.40m160.WHF | HSK-A63WE40160FCC2.5G25000SL | 40 | 80 | M20X2 | 160 | 70 | 2 |

## Accessories:



LOCKING
SCREW SLA

Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied

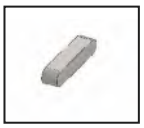


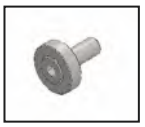

**METRIC**

| HSK-A63 (DIN 69893-1) CSMA (AD) (JD) | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | L3 | G |
| HK0.A63.16m60.CSA | HSK-A 63 CSMA16 060 2.5G 25000 SL SP.S | 16 | 32 | 60 | 17 | 27 | M8 |
| HK0.A63.16m100.CSA | HSK-A 63 CSMA16 100 2.5G 25000 SL SP.S | 16 | 32 | 100 | 17 | 27 | M8 |
| HK0.A63.16m130.CSA | HSK-A 63 CSMA16 130 2.5G 25000 SL SP.S | 16 | 32 | 130 | 17 | 27 | M8 |
| HK0.A63.16m160.CSA | HSK-A 63 CSMA16 160 2.5G 25000 SL SP.S | 16 | 32 | 160 | 17 | 27 | M8 |
| HK0.A63.22m60.CSA | HSK-A 63 CSMA22 060 2.5G 25000 SL SP.S | 22 | 40 | 60 | 19 | 31 | M10 |
| HK0.A63.22m100.CSA | HSK-A 63 CSMA22 100 2.5G 25000 SL SP.S | 22 | 40 | 100 | 19 | 31 | M10 |
| HK0.A63.22m130.CSA | HSK-A 63 CSMA22 130 2.5G 25000 SL SP.S | 22 | 40 | 130 | 19 | 31 | M10 |
| HK0.A63.22m160.CSA | HSK-A 63 CSMA22 160 2.5G 25000 SL SP.S | 22 | 40 | 160 | 19 | 31 | M10 |
| HK0.A63.27m60.CSA | HSK-A 63 CSMA27 060 2.5G 25000 SL SP.S | 27 | 48 | 60 | 21 | 33 | M12 |
| HK0.A63.27m100.CSA | HSK-A 63 CSMA27 100 2.5G 25000 SL SP.S | 27 | 48 | 100 | 21 | 33 | M12 |
| HK0.A63.27m130.CSA | HSK-A 63 CSMA27 130 2.5G 25000 SL SP.S | 27 | 48 | 130 | 21 | 33 | M12 |
| HK0.A63.27m160.CSA | HSK-A 63 CSMA27 160 2.5G 25000 SL SP.S | 27 | 48 | 160 | 21 | 33 | M12 |

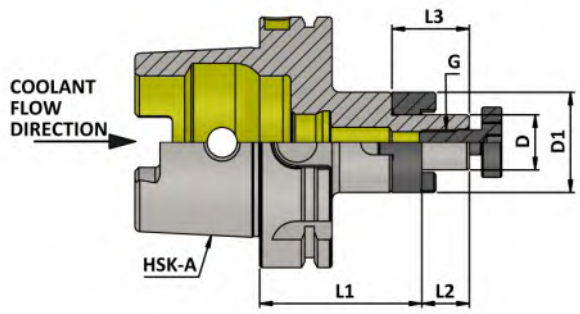
## Accessories:


CSMA DRIVER RING


CSMA KEY


FMH / CSMA CLAMPING SCREW

Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied

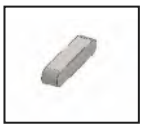


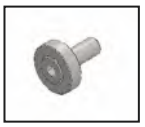

**METRIC**

| HSK-A63 (DIN 69893-1) CSMA (AD) (JD) | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | L3 | G |
| HK0.A63.32m65.CSA | HSK-A 63 CSMA32 065 2.5G 25000 SL SP.S | 32 | 58 | 65 | 24 | 38 | M16 |
| HK0.A63.32m100.CSA | HSK-A 63 CSMA32 100 2.5G 25000 SL SP.S | 32 | 58 | 100 | 24 | 38 | M16 |
| HK0.A63.32m130.CSA | HSK-A 63 CSMA32 130 2.5G 25000 SL SP.S | 32 | 58 | 130 | 24 | 38 | M16 |
| HK0.A63.32m160.CSA | HSK-A 63 CSMA32 160 2.5G 25000 SL SP.S | 32 | 58 | 160 | 24 | 38 | M16 |
| HK0.A63.40m70.CSA | HSK-A 63 CSMA40 070 2.5G 25000 SL SP.S | 40 | 70 | 70 | 27 | 41 | M20 |
| HK0.A63.40m100.CSA | HSK-A 63 CSMA40 100 2.5G 25000 SL SP.S | 40 | 70 | 100 | 27 | 41 | M20 |
| HK0.A63.40m130.CSA | HSK-A 63 CSMA40 130 2.5G 25000 SL SP.S | 40 | 70 | 130 | 27 | 41 | M20 |
| HK0.A63.40m160.CSA | HSK-A 63 CSMA40 160 2.5G 25000 SL SP.S | 40 | 70 | 160 | 27 | 41 | M20 |

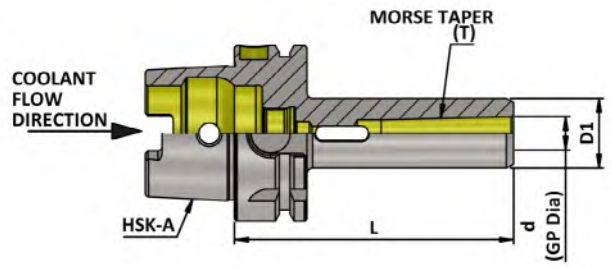
## Accessories:


CSMA DRIVER RING


CSMA KEY

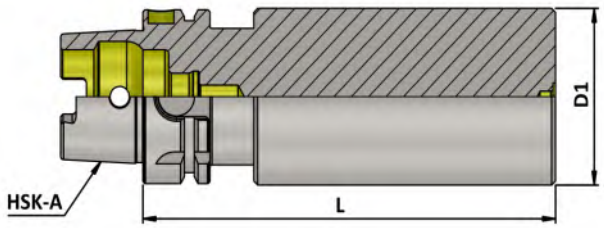

FMH / CSMA CLAMPING SCREW

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-A63 (DIN 69893-1) MTA | | | | | (Balanced to 6.3 G 20000 RPM) |
|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Morse Taper(T) | d (GP) | D1 | L |
| HK0.A63.12065m100.MTA | HSK-A 63 MT01 100 6.3G 20000 SL | 1 | 12.065 | 25 | 100 |
| HK0.A63.17780m115.MTA | HSK-A 63 MT02 115 6.3G 20000 SL | 2 | 17.780 | 32 | 115 |
| HK0.A63.23825m135.MTA | HSK-A 63 MT03 135 6.3G 20000 SL | 3 | 23.825 | 40 | 135 |
| HK0.A63.31267m160.MTA | HSK-A 63 MT04 160 6.3G 20000 SL | 4 | 31.267 | 48 | 160 |



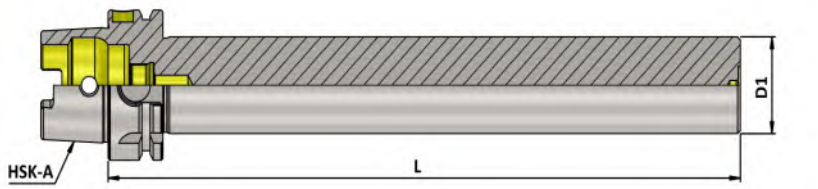

**METRIC**

| HSK-A63 (DIN 69893-1)Boring Bar Blank | | | |
|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D1** | **L** |
| HK0.A63.63m160.BBB | HSK-A 63 BORING BAR BLANK DIA 63.0 L 160 | 63 | 160 |
| HK0.A63.63m250.BBB | HSK-A 63 BORING BAR BLANK DIA 63.0 L 250 | 63 | 250 |
| HK0.A63.63m310.BBB | HSK-A 63 BORING BAR BLANK DIA 63.0 L 310 | 63 | 310 |
| HK0.A63.80m250.BBB | HSK-A 63 BORING BAR BLANK DIA 80.0 L 250 | 80 | 250 |

**INCH**

| HSK-A63 (DIN 69893-1)Boring Bar Blank | | | |
|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D1** | **L** |
| HK0.A63.3z6.BBB | HSK-A 63 BORING BAR BLANK DIA 3.0'' L 6.0'' | 3.0" | 6.0" |
| HK0.A63.35z10.BBB | HSK-A 63 BORING BAR BLANK DIA 3.5'' L 10.0'' | 3.5" | 10.0" |

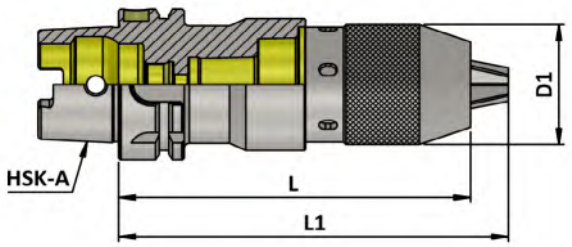
Maximum Run out of the External diameter with respect to the External Taper 0.003 mm




**METRIC**

| HSK-A63 (DIN 69893-1) Master Mandrell | | | (Sub Zero Treated) |
|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D1** | **L** |
| HK0.A63.40m300.MML | HSK-A 63 MASTER MANDRELL DIA 40 L 300 | 40 | 300 |
| HK0.A63.40m350.MML | HSK-A 63 MASTER MANDRELL DIA 40 L 350 | 40 | 350 |

Maximum Run out on the Mandrell with respect to the External Taper 0.050 mm as supplied




**METRIC**

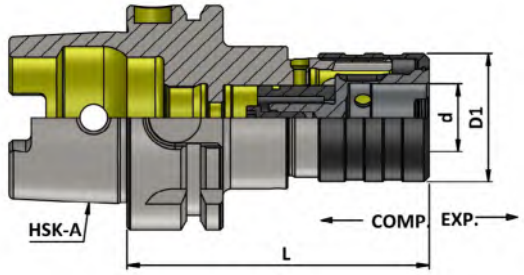
| HSK-A63 (DIN 69893 - 1) (NCDC) | | | | |
|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D1** | **L** | **L1** |
| HK0.A63.50m140.NDC | HSK-A 63 NCDC 113 140 | 50 | 140 | 152.5 |

## Accessories:



SPANNER
NCDC

# HSK-A63 (DIN 69893-1)
# Quick Change Tapping Chuck (KWFLK)




**METRIC**

| HSK-A63 (DIN 69893-1) (KWFLK) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Capacity | Suitable Adaptor | Compr. | Expan. | d | D1 | L |
| HK0.A63.19m81.QCC | HSK-A 63 KWFLK1 81.0 | M3-M12 | KWES1B | 7.5 | 7.5 | 19 | 36 | 81 |
| HK0.A63.31m119.QCC | HSK-A 63 KWFLK2 119.0 | M6-M20 | KWES2B | 12.5 | 12.5 | 31 | 53 | 119 |
| HK0.A63.48m176.QCC | HSK-A 63 KWFLK3 176.0 | M14-M33 | KWES3B | 20 | 20 | 48 | 78 | 176 |

## Accessories:

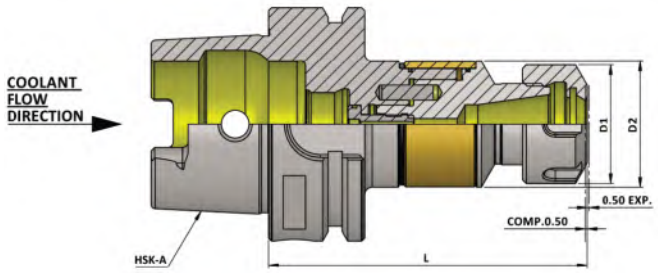

TAP ADAPTOR KWES


TAP ADAPTOR KWESK B


TAP ADAPTOR REDUCTION SOCKET(KWRE)

# HSK-A63 (DIN 69893-1) Minimum Length Compensation Tapping Chuck (MLC)

Maximum Run out of the Internal Taper with respect to the External Taper 0.020 mm

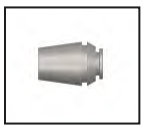



**METRIC**

**HSK-A63 (DIN 69893 - 1) (MLC)**

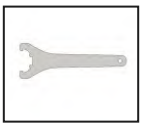
| PRODUCT CODE | ITEM NAME | TAPPING RANGE | CLAMPING RANGE | NUT SIZE | D1 | D2 | L | COMP. | EXP. |
|---|---|---|---|---|---|---|---|---|---|
| HK0.A63.16m95.MLC | HSK-A63ER11M095MLC | M2-M8 | 2.5-6 | ER11M | 16 | 32.5 | 95 | 0.4 | 0.4 |
| HK0.A63.22m89.MLC | HSK-A63ER16M089MLC | M3-M12 | 3.5-10 | ER 16M | 22 | 34 | 89 | 0.5 | 0.5 |
| HK0.A63.32m89.MLC | HSK-A 63 ER 16 089 MLC | M3-M12 | 3.5-10 | ER 16 | 32 | 34 | 89 | 0.5 | 0.5 |
| HK0.A63.35m90.MLC | HSK-A 63 ER 20 090 MLC | M3-M16 | 3.5-12 | ER 20 | 35 | 34 | 90 | 0.5 | 0.5 |
| HK0.A63.42m94.MLC | HSK-A 63 ER 25 094 MLC | M3-M20 | 3.5-16 | ER 25 | 42 | 34 | 94 | 0.5 | 0.5 |
| HK0.A63.50m105.MLC | HSK-A 63 ER 32 105 MLC | M4-M27 | 3.5-20 | ER 32 | 50 | 45 | 105 | 0.5 | 0.5 |
| HK0.A63.63m1335.MLC | HSK-A63ER40133.5MLC | M6-M33 | 6-25 | ER 40 | 63 | 62 | 133.5 | 0.5 | 0.5 |

## Accessories:

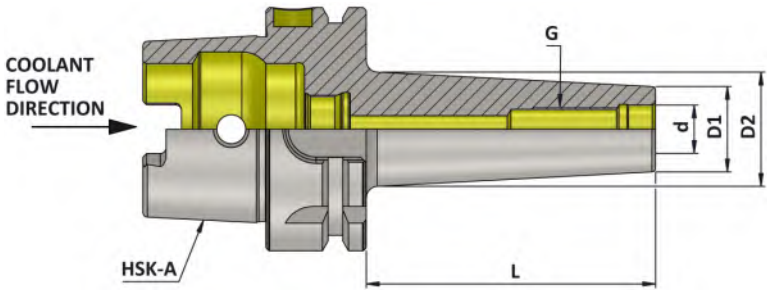

QC TAP COLLET QCTC


ER TAP COLLET


ER SLOTTED NUT


ER SPANNER

Maximum Run out of the Internal Dia with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-A63(DIN 69893-1) (MCA) (AD+B) (JD/JF) | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | L |
| HK0.A63.65m25.MCA | HSK-A63MCA060252.5G25000SL | 6.5 | 10 | 13 | M6 | 25 |
| HK0.A63.85m25.MCA | HSK-A63MCA080252.5G25000SL | 8.5 | 13 | 15 | M8 | 25 |
| HK0.A63.85m50.MCA | HSK-A63MCA080502.5G25000SL | 8.5 | 13 | 23 | M8 | 50 |
| HK0.A63.85m75.MCA | HSK-A63MCA080752.5G25000SL | 8.5 | 13 | 23 | M8 | 75 |
| HK0.A63.85m100.MCA | HSK-A63MCA081002.5G25000SL | 8.5 | 13 | 23 | M8 | 100 |
| HK0.A63.105m25.MCA | HSK-A63MCA100252.5G25000SL | 10.5 | 18 | 20 | M10 | 25 |
| HK0.A63.105m50.MCA | HSK-A63MCA100502.5G25000SL | 10.5 | 18 | 23 | M10 | 50 |
| HK0.A63.105m75.MCA | HSK-A63MCA100752.5G25000SL | 10.5 | 18 | 28 | M10 | 75 |
| HK0.A63.105m100.MCA | HSK-A63MCA101002.5G25000SL | 10.5 | 18 | 32 | M10 | 100 |
| HK0.A63.105m150.MCA | HSK-A63MCA101502.5G25000SL | 10.5 | 18 | 36.5 | M10 | 150 |
| HK0.A63.125m25.MCA | HSK-A63MCA120252.5G25000SL | 12.5 | 21 | 24 | M12 | 25 |
| HK0.A63.125m50.MCA | HSK-A63MCA120502.5G25000SL | 12.5 | 21 | 24 | M12 | 50 |
| HK0.A63.125m75.MCA | HSK-A63MCA120752.5G25000SL | 12.5 | 21 | 31 | M12 | 75 |
| HK0.A63.125m100.MCA | HSK-A63MCA121002.5G25000SL | 12.5 | 21 | 33 | M12 | 100 |
| HK0.A63.125m150.MCA | HSK-A63MCA121502.5G25000SL | 12.5 | 21 | 40 | M12 | 150 |
| HK0.A63.17m25.MCA | HSK-A63MCA160252.5G25000SL | 17 | 29 | 29 | M16 | 25 |
| HK0.A63.17m50.MCA | HSK-A63MCA160502.5G25000SL | 17 | 29 | 34 | M16 | 50 |
| HK0.A63.17m75.MCA | HSK-A63MCA160752.5G25000SL | 17 | 29 | 34 | M16 | 75 |
| HK0.A63.17m100.MCA | HSK-A63MCA161002.5G25000SL | 17 | 29 | 36 | M16 | 100 |
| HK0.A63.17m150.MCA | HSK-A63MCA161502.5G25000SL | 17 | 29 | 42.5 | M16 | 150 |




# HSK A80 . DIN 69893


**223 Shrink Fit Holders**

223 4.5 °

225 4.5 ° Face Coolant Channel

**227 Hydraulic Chucks**

227 Standard

**228 Face Mill Holders (FMH)**

228 Standard

229 Through Coolant (FMH – K)

**230 ER Collect Chuck**

230 Standard

**231 Weldon Type End Mill Holders**

231 Standard

232 Face Coolant Channel

**233 Boring Bar Blanks**

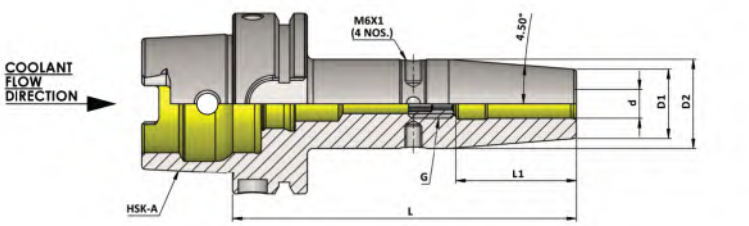
233 Boring Bar Blanks

**234 Master Mandrell**

234 Master Mandrell

# HSK-A80 (DIN 69893 - 1)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

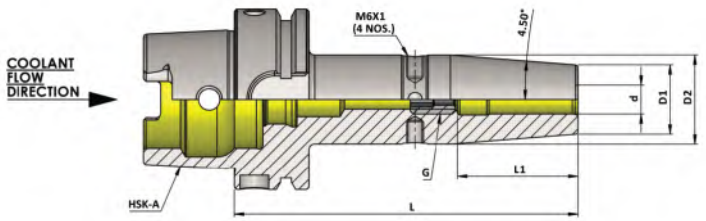



**METRIC**

| HSK-A80 (DIN 69893-1) (SFH 4.5° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.A80.3m80.SFS | HSK-A 80 SFH03 080 2.5G 25000 SL | 3 | 10 | 16 | — | 80 | 12 |
| HK0.A80.4m80.SFS | HSK-A 80 SFH04 080 2.5G 25000 SL | 4 | 12 | 20 | — | 80 | 14 |
| HK0.A80.5m80.SFS | HSK-A 80 SFH05 080 2.5G 25000 SL | 5 | 12 | 20.5 | — | 80 | 15 |
| HK0.A80.6m85.SFS | HSK-A 80 SFH06 085 2.5G 25000 SL | 6 | 21 | 27 | M5 | 85 | 36 |
| HK0.A80.6m120.SFS | HSK-A 80 SFH06 120 2.5G 25000 SL | 6 | 21 | 27 | M5 | 120 | 36 |
| HK0.A80.6m160.SFS | HSK-A 80 SFH06 160 2.5G 25000 SL | 6 | 21 | 27 | M5 | 160 | 36 |
| HK0.A80.8m85.SFS | HSK-A 80 SFH08 085 2.5G 25000 SL | 8 | 21 | 27 | M6 | 85 | 36 |
| HK0.A80.8m120.SFS | HSK-A 80 SFH08 120 2.5G 25000 SL | 8 | 21 | 27 | M6 | 120 | 36 |
| HK0.A80.8m160.SFS | HSK-A 80 SFH08 160 2.5G 25000 SL | 8 | 21 | 27 | M6 | 160 | 36 |
| HK0.A80.10m90.SFS | HSK-A 80 SFH10 090 2.5G 25000 SL | 10 | 24 | 32 | M8 | 90 | 41 |
| HK0.A80.10m120.SFS | HSK-A 80 SFH10 120 2.5G 25000 SL | 10 | 24 | 32 | M8 | 120 | 41 |
| HK0.A80.10m160.SFS | HSK-A 80 SFH10 160 2.5G 25000 SL | 10 | 24 | 32 | M8 | 160 | 41 |
| HK0.A80.12m95.SFS | HSK-A 80 SFH12 095 2.5G 25000 SL | 12 | 24 | 32 | M10 | 95 | 46 |
| HK0.A80.12m120.SFS | HSK-A 80 SFH12 120 2.5G 25000 SL | 12 | 24 | 32 | M10 | 120 | 46 |
| HK0.A80.12m160.SFS | HSK-A 80 SFH12 160 2.5G 25000 SL | 12 | 24 | 32 | M10 | 160 | 46 |
| HK0.A80.14m95.SFS | HSK-A 80 SFH14 095 2.5G 25000 SL | 14 | 27 | 34 | M10 | 95 | 46 |
| HK0.A80.14m120.SFS | HSK-A 80 SFH14 120 2.5G 25000 SL | 14 | 27 | 34 | M10 | 120 | 46 |
| HK0.A80.14m160.SFS | HSK-A 80 SFH14 160 2.5G 25000 SL | 14 | 27 | 34 | M10 | 160 | 46 |
| HK0.A80.16m100.SFS | HSK-A 80 SFH16 100 2.5G 25000 SL | 16 | 27 | 34 | M12 | 100 | 49 |
| HK0.A80.16m120.SFS | HSK-A 80 SFH16 120 2.5G 25000 SL | 16 | 27 | 34 | M12 | 120 | 49 |
| HK0.A80.16m160.SFS | HSK-A 80 SFH16 160 2.5G 25000 SL | 16 | 27 | 34 | M12 | 160 | 49 |
| HK0.A80.18m100.SFS | HSK-A 80 SFH18 100 2.5G 25000 SL | 18 | 33 | 42 | M12 | 100 | 49 |
| HK0.A80.18m120.SFS | HSK-A 80 SFH18 120 2.5G 25000 SL | 18 | 33 | 42 | M12 | 120 | 49 |
| HK0.A80.18m160.SFS | HSK-A 80 SFH18 160 2.5G 25000 SL | 18 | 33 | 42 | M12 | 160 | 49 |
| HK0.A80.20m105.SFS | HSK-A 80 SFH20 105 2.5G 25000 SL | 20 | 33 | 42 | M16 | 105 | 51 |
| HK0.A80.20m120.SFS | HSK-A 80 SFH20 120 2.5G 25000 SL | 20 | 33 | 42 | M16 | 120 | 51 |
| HK0.A80.20m160.SFS | HSK-A 80 SFH20 160 2.5G 25000 SL | 20 | 33 | 42 | M16 | 160 | 51 |
| HK0.A80.25m115.SFS | HSK-A 80 SFH25 115 2.5G 25000 SL | 25 | 44 | 53 | M16 | 115 | 57 |
| HK0.A80.25m120.SFS | HSK-A 80 SFH25 120 2.5G 25000 SL | 25 | 44 | 53 | M16 | 120 | 57 |
| HK0.A80.25m160.SFS | HSK-A 80 SFH25 160 2.5G 25000 SL | 25 | 44 | 53 | M16 | 160 | 57 |
| HK0.A80.32m120.SFS | HSK-A 80 SFH32 120 2.5G 25000 SL | 32 | 44 | 53 | M16 | 120 | 61 |
| HK0.A80.32m160.SFS | HSK-A 80 SFH32 160 2.5G 25000 SL | 32 | 44 | 53 | M16 | 160 | 61 |

# HSK-A80 (DIN 69893 - 1)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

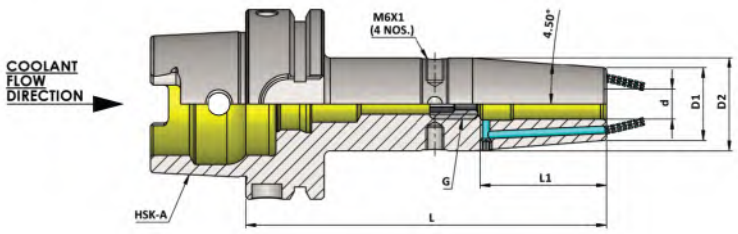



**INCH**

| HSK-A80 (DIN 69893-1) (SFH 4.5° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.A80.1/4z3346.SFS | HSK-A 80 SFH1/4'' 085 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 3.346" | 1.417" |
| HK0.A80.1/4z4724.SFS | HSK-A 80 SFH1/4'' 120 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 4.724" | 1.417" |
| HK0.A80.1/4z6299.SFS | HSK-A 80 SFH1/4'' 160 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 6.299" | 1.417" |
| HK0.A80.5/16z3346.SFS | HSK-A 80 SFH5/16'' 085 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 3.346" | 1.417" |
| HK0.A80.5/16z4724.SFS | HSK-A 80 SFH5/16'' 120 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 4.724" | 1.417" |
| HK0.A80.5/16z6299.SFS | HSK-A 80 SFH5/16'' 160 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 6.299" | 1.417" |
| HK0.A80.3/8z3543.SFS | HSK-A 80 SFH3/8'' 090 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 3.543" | 1.614" |
| HK0.A80.3/8z4724.SFS | HSK-A 80 SFH3/8'' 120 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 4.724" | 1.614" |
| HK0.A80.3/8z6299.SFS | HSK-A 80 SFH3/8'' 160 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 6.299" | 1.614" |
| HK0.A80.1/2z374.SFS | HSK-A 80 SFH1/2'' 095 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 3.74" | 1.811" |
| HK0.A80.1/2z4724.SFS | HSK-A 80 SFH1/2'' 120 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 4.724" | 1.811" |
| HK0.A80.1/2z6299.SFS | HSK-A 80 SFH1/2'' 160 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 6.299" | 1.811" |
| HK0.A80.5/8z3937.SFS | HSK-A 80 SFH5/8'' 100 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 3.937" | 1.929" |
| HK0.A80.5/8z4724.SFS | HSK-A 80 SFH5/8'' 120 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 4.724" | 1.929" |
| HK0.A80.5/8z6299.SFS | HSK-A 80 SFH5/8'' 160 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 6.299" | 1.929" |
| HK0.A80.3/4z4134.SFS | HSK-A 80 SFH3/4'' 105 2.5G 25000 SL | 3/4" | 1.299" | 1.654" | M16 | 4.134" | 2.008" |
| HK0.A80.3/4z4724.SFS | HSK-A 80 SFH3/4'' 120 2.5G 25000 SL | 3/4" | 1.299" | 1.654" | M16 | 4.724" | 2.008" |
| HK0.A80.3/4z6299.SFS | HSK-A 80 SFH3/4'' 160 2.5G 25000 SL | 3/4" | 1.299" | 1.654" | M16 | 6.299" | 2.008" |
| HK0.A80.1z4528.SFS | HSK-A 80 SFH1.0'' 115 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 4.528" | 2.244" |
| HK0.A80.1z4724.SFS | HSK-A 80 SFH1.0'' 120 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 4.724" | 2.244" |
| HK0.A80.1z6299.SFS | HSK-A 80 SFH1.0'' 160 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 6.299" | 2.244" |
| HK0.A80.11/4z4724.SFS | HSK-A 80 SFH1-1/4'' 120 2.5G 25000 SL | 1-1/4" | 1.732" | 2.087" | M16 | 4.724" | 2.402" |
| HK0.A80.11/4z6299.SFS | HSK-A 80 SFH1-1/4'' 160 2.5G 25000 SL | 1-1/4" | 1.732" | 2.087" | M16 | 6.299" | 2.402" |

# HSK-A80 (DIN 69893 - 1) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

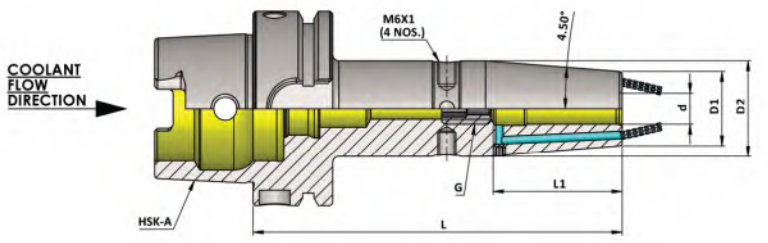



**METRIC**

| HSK-A80 (DIN 69893-1) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.A80.6m85.SFF | HSK-A 80 SFH06 085 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 85 | 36 |
| HK0.A80.6m120.SFF | HSK-A 80 SFH06 120 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 120 | 36 |
| HK0.A80.6m160.SFF | HSK-A 80 SFH06 160 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 160 | 36 |
| HK0.A80.8m85.SFF | HSK-A 80 SFH08 085 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 85 | 36 |
| HK0.A80.8m120.SFF | HSK-A 80 SFH08 120 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 120 | 36 |
| HK0.A80.8m160.SFF | HSK-A 80 SFH08 160 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 160 | 36 |
| HK0.A80.10m90.SFF | HSK-A 80 SFH10 090 FCC 2.5G 25000 SL | 10 | 24 | 32 | M8 | 90 | 41 |
| HK0.A80.10m120.SFF | HSK-A 80 SFH10 120 FCC 2.5G 25000 SL | 10 | 24 | 32 | M8 | 120 | 41 |
| HK0.A80.10m160.SFF | HSK-A 80 SFH10 160 FCC 2.5G 25000 SL | 10 | 24 | 32 | M8 | 160 | 41 |
| HK0.A80.12m95.SFF | HSK-A 80 SFH12 095 FCC 2.5G 25000 SL | 12 | 24 | 32 | M10 | 95 | 46 |
| HK0.A80.12m120.SFF | HSK-A 80 SFH12 120 FCC 2.5G 25000 SL | 12 | 24 | 32 | M10 | 120 | 46 |
| HK0.A80.12m160.SFF | HSK-A 80 SFH12 160 FCC 2.5G 25000 SL | 12 | 24 | 32 | M10 | 160 | 46 |
| HK0.A80.14m95.SFF | HSK-A 80 SFH14 095 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 95 | 46 |
| HK0.A80.14m120.SFF | HSK-A 80 SFH14 120 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 120 | 46 |
| HK0.A80.14m160.SFF | HSK-A 80 SFH14 160 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 160 | 46 |
| HK0.A80.16m100.SFF | HSK-A 80 SFH16 100 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 100 | 49 |
| HK0.A80.16m120.SFF | HSK-A 80 SFH16 120 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 120 | 49 |
| HK0.A80.16m160.SFF | HSK-A 80 SFH16 160 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 160 | 49 |
| HK0.A80.18m100.SFF | HSK-A 80 SFH18 100 FCC 2.5G 25000 SL | 18 | 33 | 42 | M12 | 100 | 49 |
| HK0.A80.18m120.SFF | HSK-A 80 SFH18 120 FCC 2.5G 25000 SL | 18 | 33 | 42 | M12 | 120 | 49 |
| HK0.A80.18m160.SFF | HSK-A 80 SFH18 160 FCC 2.5G 25000 SL | 18 | 33 | 42 | M12 | 160 | 49 |
| HK0.A80.20m105.SFF | HSK-A 80 SFH20 105 FCC 2.5G 25000 SL | 20 | 33 | 42 | M16 | 105 | 51 |
| HK0.A80.20m120.SFF | HSK-A 80 SFH20 120 FCC 2.5G 25000 SL | 20 | 33 | 42 | M16 | 120 | 51 |
| HK0.A80.20m160.SFF | HSK-A 80 SFH20 160 FCC 2.5G 25000 SL | 20 | 33 | 42 | M16 | 160 | 51 |
| HK0.A80.25m115.SFF | HSK-A 80 SFH25 115 FCC 2.5G 25000 SL | 25 | 44 | 53 | M16 | 115 | 57 |
| HK0.A80.25m120.SFF | HSK-A 80 SFH25 120 FCC 2.5G 25000 SL | 25 | 44 | 53 | M16 | 120 | 57 |
| HK0.A80.25m160.SFF | HSK-A 80 SFH25 160 FCC 2.5G 25000 SL | 25 | 44 | 53 | M16 | 160 | 57 |
| HK0.A80.32m120.SFF | HSK-A 80 SFH32 120 FCC 2.5G 25000 SL | 32 | 44 | 53 | M16 | 120 | 61 |
| HK0.A80.32m160.SFF | HSK-A 80 SFH32 160 FCC 2.5G 25000 SL | 32 | 44 | 53 | M16 | 160 | 61 |

# HSK-A80 (DIN 69893 - 1) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

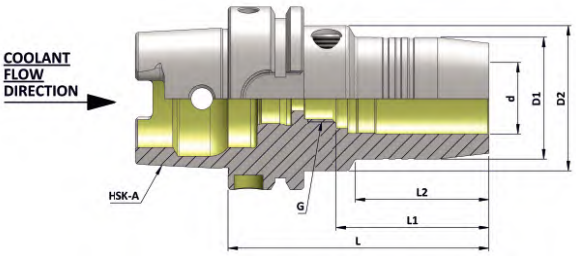


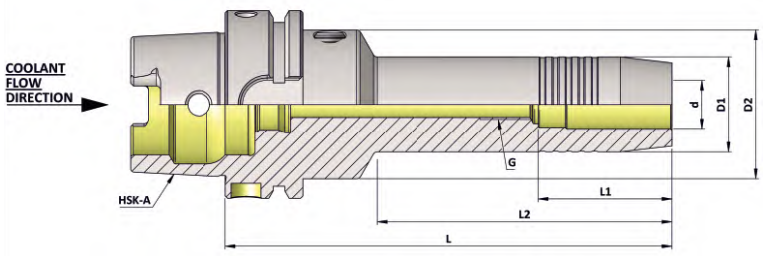

**INCH**

| HSK-A80 (DIN 69893-1) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.A80.1/4z3346.SFF | HSK-A 80 SFH1/4'' 085 FCC / 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 3.346" | 1.417" |
| HK0.A80.1/4z4724.SFF | HSK-A 80 SFH1/4'' 120 FCC / 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 4.724" | 1.417" |
| HK0.A80.1/4z6299.SFF | HSK-A 80 SFH1/4'' 160 FCC / 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 6.299" | 1.417" |
| HK0.A80.5/16z3346.SFF | HSK-A 80 SFH5/16'' 085 FCC / 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 3.346" | 1.417" |
| HK0.A80.5/16z4724.SFF | HSK-A 80 SFH5/16'' 120 FCC / 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 4.724" | 1.417" |
| HK0.A80.5/16z6299.SFF | HSK-A 80 SFH5/16'' 160 FCC / 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 6.299" | 1.417" |
| HK0.A80.3/8z3543.SFF | HSK-A 80 SFH3/8'' 090 FCC / 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 3.543" | 1.614" |
| HK0.A80.3/8z4724.SFF | HSK-A 80 SFH3/8'' 120 FCC / 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 4.724" | 1.614" |
| HK0.A80.3/8z6299.SFF | HSK-A 80 SFH3/8'' 160 FCC / 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 6.299" | 1.614" |
| HK0.A80.1/2z374.SFF | HSK-A 80 SFH1/2'' 095 FCC / 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 3.74" | 1.811" |
| HK0.A80.1/2z4724.SFF | HSK-A 80 SFH1/2'' 120 FCC / 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 4.724" | 1.811" |
| HK0.A80.1/2z6299.SFF | HSK-A 80 SFH1/2'' 160 FCC / 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 6.299" | 1.811" |
| HK0.A80.5/8z3937.SFF | HSK-A 80 SFH5/8'' 100 FCC / 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 3.937" | 1.929" |
| HK0.A80.5/8z4724.SFF | HSK-A 80 SFH5/8'' 120 FCC / 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 4.724" | 1.929" |
| HK0.A80.5/8z6299.SFF | HSK-A 80 SFH5/8'' 160 FCC / 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 6.299" | 1.929" |
| HK0.A80.3/4z4134.SFF | HSK-A 80 SFH3/4'' 105 FCC / 2.5G 25000 SL | 3/4" | 1.299" | 1.654" | M16 | 4.134" | 2.008" |
| HK0.A80.3/4z4724.SFF | HSK-A 80 SFH3/4'' 120 FCC / 2.5G 25000 SL | 3/4" | 1.299" | 1.654" | M16 | 4.724" | 2.008" |
| HK0.A80.3/4z6299.SFF | HSK-A 80 SFH3/4'' 160 FCC / 2.5G 25000 SL | 3/4" | 1.299" | 1.654" | M16 | 6.299" | 2.008" |
| HK0.A80.1z4528.SFF | HSK-A 80 SFH1.0'' 115 FCC / 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 4.528" | 2.244" |
| HK0.A80.1z4724.SFF | HSK-A 80 SFH1.0'' 120 FCC / 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 4.724" | 2.244" |
| HK0.A80.1z6299.SFF | HSK-A 80 SFH1.0'' 160 FCC / 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 6.299" | 2.244" |
| HK0.A80.11/4z4724.SFF | HSK-A 80 SFH1-1/4'' 120 FCC / 2.5G 25000 SL | 1-1/4" | 1.732" | 2.087" | M16 | 4.724" | 2.402" |
| HK0.A80.11/4z6299.SFF | HSK-A 80 SFH1-1/4'' 160 FCC / 2.5G 25000 SL | 1-1/4" | 1.732" | 2.087" | M16 | 6.299" | 2.402" |

# HSK-A80 (DIN 69893-1)
# Form A Hydraulic Expansion Chuck

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

**HSK-A80 (DIN 69893-1) Hydraulic Expansion Chuck**

| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
|---|---|---|---|---|---|---|---|---|
| HK0.A80.6m70.HCS | HSK-A80HC060702.5G25000SL | 6 | 26 | 50 | M5 | 70 | 37 | 24 |
| HK0.A80.8m70.HCS | HSK-A80HC080702.5G25000SL | 8 | 28 | 50 | M6 | 70 | 37 | 24 |
| HK0.A80.10m80.HCS | HSK-A80HC100802.5G25000SL | 10 | 30 | 50 | M8 | 80 | 41 | 35 |
| HK0.A80.12m85.HCS | HSK-A80HC120852.5G25000SL | 12 | 32 | 50 | M10 | 85 | 46 | 40 |
| HK0.A80.14m85.HCS | HSK-A80HC140852.5G25000SL | 14 | 34 | 50 | M10 | 85 | 46 | 40 |
| HK0.A80.16m95.HCS | HSK-A80HC160952.5G25000SL | 16 | 38 | 50 | M12 | 95 | 49 | 51 |
| HK0.A80.18m95.HCS | HSK-A80HC180952.5G25000SL | 18 | 40 | 50 | M12 | 95 | 49 | 51 |
| HK0.A80.20m95.HCS | HSK-A80HC200952.5G25000SL | 20 | 42 | 50 | M16 | 95 | 51 | 51 |
| HK0.A80.25m110.HCS | HSK-A80HC251102.5G25000SL | 25 | 57 | 63 | M16 | 110 | 57 | 65 |
| HK0.A80.32m125.HCS | HSK-A80HC321252.5G25000SL | 32 | 63 | 63 | M16 | 125 | 61 | 63 |

**INCH**

**HSK-A80 (DIN 69893-1) Hydraulic Expansion Chuck**

| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
|---|---|---|---|---|---|---|---|---|
| HK0.A80.1/4z2756.HCS | HSK-A80HC1/4''0702.5G25000SL | 1/4'' | 1.024" | 1.969" | M5 | 2.756" | 1.457" | 0.945" |
| HK0.A80.5/16z2756.HCS | HSK-A80HC5/16''0702.5G25000SL | 5/16'' | 1.102" | 1.969" | M6 | 2.756" | 1.457" | 0.945" |
| HK0.A80.3/8z315.HCS | HSK-A80HC3/8''0802.5G25000SL | 3/8'' | 1.181" | 1.969" | M8 | 3.15" | 1.614" | 1.378" |
| HK0.A80.1/2z3346.HCS | HSK-A80HC1/2''0852.5G25000SL | 1/2'' | 1.26" | 1.969" | M10 | 3.346" | 1.811" | 1.575" |
| HK0.A80.5/8z374.HCS | HSK-A80HC5/8''0952.5G25000SL | 5/8'' | 1.496" | 1.969" | M12 | 3.74" | 1.929" | 2.008" |
| HK0.A80.3/4z374.HCS | HSK-A80HC3/4''0952.5G25000SL | 3/4'' | 1.654" | 1.969" | M16 | 3.74" | 2.008" | 2.008" |
| HK0.A80.1z4331.HCS | HSK-A 80 HC1'' 110 2.5G 25000 SL | 1'' | 2.244" | 2.480" | M16 | 4.331" | 2.244" | 2.559" |
| HK0.A80.11/4z4921.HCS | HSK-A80HC1-1/4''1252.5G25000SL | 1-1/4'' | 2.48" | 2.48" | M16 | 4.921" | 2.402" | 2.48" |

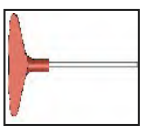
## Accessories:



REDUCTION
SLEEVE SEAL

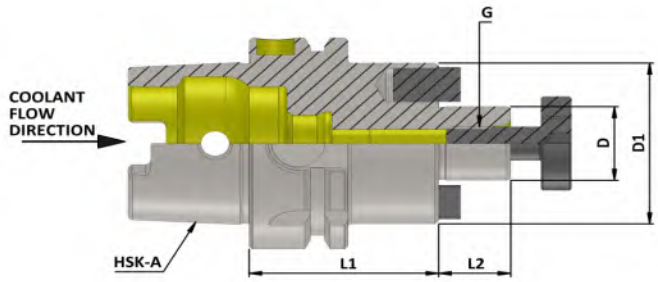


SPANNER HC



KEY HC 5MM

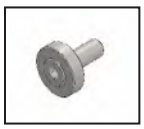
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-A80 (DIN 69893-1) FMH | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.A80.22m50.FMS | HSK-A80FMH220502.5G25000SLSP.S | 22 | 48 | 50 | 19 | M10 X 1.5P |
| HK0.A80.22m100.FMS | HSK-A80FMH221002.5G25000SLSP.S | 22 | 48 | 100 | 19 | M10 X 1.5P |
| HK0.A80.22m130.FMS | HSK-A80FMH221302.5G25000SLSP.S | 22 | 48 | 130 | 19 | M10 X 1.5P |
| HK0.A80.22m160.FMS | HSK-A80FMH221602.5G25000SLSP.S | 22 | 48 | 160 | 19 | M10 X 1.5P |
| HK0.A80.27m50.FMS | HSK-A80FMH270502.5G25000SLSP.S | 27 | 58 | 50 | 21 | M12 X 1.75P |
| HK0.A80.27m100.FMS | HSK-A80FMH271002.5G25000SLSP.S | 27 | 58 | 100 | 21 | M12 X 1.75P |
| HK0.A80.27m130.FMS | HSK-A80FMH271302.5G25000SLSP.S | 27 | 58 | 130 | 21 | M12 X 1.75P |
| HK0.A80.27m160.FMS | HSK-A80FMH271602.5G25000SLSP.S | 27 | 58 | 160 | 21 | M12 X 1.75P |
| HK0.A80.32m60.FMS | HSK-A80FMH320602.5G25000SLSP.S | 32 | 78 | 60 | 24 | M16 X 2P |
| HK0.A80.32m100.FMS | HSK-A80FMH321002.5G25000SLSP.S | 32 | 78 | 100 | 24 | M16 X 2P |
| HK0.A80.32m130.FMS | HSK-A80FMH321302.5G25000SLSP.S | 32 | 78 | 130 | 24 | M16 X 2P |
| HK0.A80.32m160.FMS | HSK-A80FMH321602.5G25000SLSP.S | 32 | 78 | 160 | 24 | M16 X 2P |
| HK0.A80.40m60.FMS | HSK-A80FMH400602.5G25000SLSP.S | 40 | 88 | 60 | 27 | M20 X 2.5P |
| HK0.A80.40m100.FMS | HSK-A80FMH401002.5G25000SLSP.S | 40 | 88 | 100 | 27 | M20 X 2.5P |
| HK0.A80.40m130.FMS | HSK-A80FMH401302.5G25000SLSP.S | 40 | 88 | 130 | 27 | M20 X 2.5P |

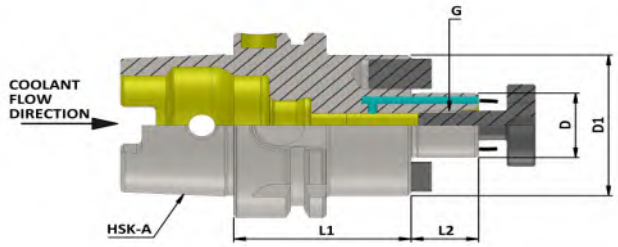
## Accessories:



FMH / CSMA
CLAMPING
SCREW

# HSK-A80 (DIN 69893-1) Face Mill Holder (Through Coolant) (DIN 6357) FMH - K

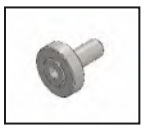
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

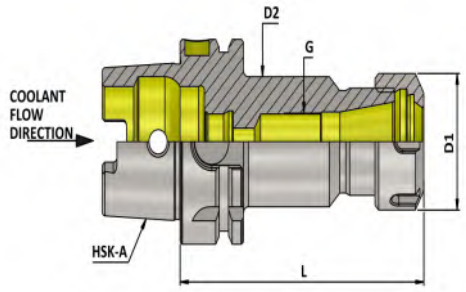
| HSK-A80 (DIN 69893-1) FMH -K | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.A80.22m50.FMK | HSK-A80FMH-K220502.5G25000SLSP.S | 22 | 48 | 50 | 19 | M10 X 1.5P |
| HK0.A80.22m100.FMK | HSK-A80FMH-K221002.5G25000SLSP.S | 22 | 48 | 100 | 19 | M10 X 1.5P |
| HK0.A80.22m130.FMK | HSK-A80FMH-K221302.5G25000SLSP.S | 22 | 48 | 130 | 19 | M10 X 1.5P |
| HK0.A80.22m160.FMK | HSK-A80FMH-K221602.5G25000SLSP.S | 22 | 48 | 160 | 19 | M10 X 1.5P |
| HK0.A80.27m50.FMK | HSK-A80FMH-K270502.5G25000SLSP.S | 27 | 58 | 50 | 21 | M12 X 1.75P |
| HK0.A80.27m100.FMK | HSK-A80FMH-K271002.5G25000SLSP.S | 27 | 58 | 100 | 21 | M12 X 1.75P |
| HK0.A80.27m130.FMK | HSK-A80FMH-K271302.5G25000SLSP.S | 27 | 58 | 130 | 21 | M12 X 1.75P |
| HK0.A80.27m160.FMK | HSK-A80FMH-K271602.5G25000SLSP.S | 27 | 58 | 160 | 21 | M12 X 1.75P |
| HK0.A80.32m60.FMK | HSK-A80FMH-K320602.5G25000SLSP.S | 32 | 78 | 60 | 24 | M16 X 2P |
| HK0.A80.32m100.FMK | HSK-A80FMH-K321002.5G25000SLSP.S | 32 | 78 | 100 | 24 | M16 X 2P |
| HK0.A80.32m130.FMK | HSK-A80FMH-K321302.5G25000SLSP.S | 32 | 78 | 130 | 24 | M16 X 2P |
| HK0.A80.32m160.FMK | HSK-A80FMH-K321602.5G25000SLSP.S | 32 | 78 | 160 | 24 | M16 X 2P |
| HK0.A80.40m60.FMK | HSK-A80FMH-K400602.5G25000SLSP.S | 40 | 88 | 60 | 27 | M20 X 2.5P |
| HK0.A80.40m100.FMK | HSK-A80FMH-K401002.5G25000SLSP.S | 40 | 88 | 100 | 27 | M20 X 2.5P |
| HK0.A80.40m130.FMK | HSK-A80FMH-K401302.5G25000SLSP.S | 40 | 88 | 130 | 27 | M20 X 2.5P |

## Accessories:



FMH / CSMA CLAMPING SCREW

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-A80 32 (DIN 69893 - 1) Collet Chuck ER | | | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Suitable Collet | Collet Capacity | D1 | D2 | G | L | Nut | Spanner |
| HK0.A80.50m100.ERS | HSK-A 80 ER 32 100 2.5G 25000 SL | ER 32 | 2.0-20 | 50 | - | M22X1.5 | 100 | UM/ER 32 | E32 |
| HK0.A80.63m120.ERS | HSK-A 80 ER 40 120 2.5G 25000 SL | ER 40 | 3.0-26 | 63 | - | M30x1.5 | 120 | UM/ER 40 | E40 |

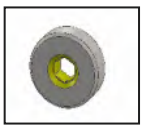
## Accessories:


ER COLLET (DIN 6499)

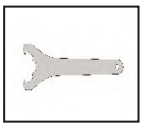

TAP COLLET ER-G


QC TAP COLLET QCTC


ER NUT

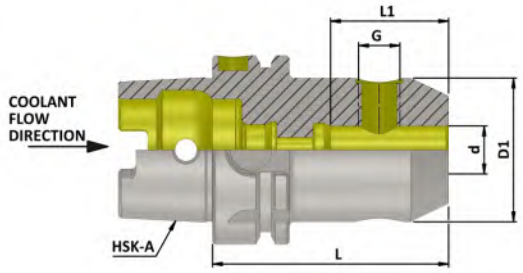

ER STOPPER SCREW


SEALING DISC


SPANNER E

# HSK-A80 (DIN 69893 -1) Weldon Type
# End Mill Holder (DIN 1835 B) (WE) (DIN 6359)

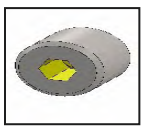
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-A80 50 (DIN 69893 - 1) (WE) | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.A80.6m80.WHS | HSK-A 80 WE06 080 2.5G 25000 SL | 6 | 25 | M6 | 80 | 34 | 1 |
| HK0.A80.8m80.WHS | HSK-A 80 WE08 080 2.5G 25000 SL | 8 | 28 | M8 | 80 | 34 | 1 |
| HK0.A80.10m80.WHS | HSK-A 80 WE10 080 2.5G 25000 SL | 10 | 35 | M10 | 80 | 40 | 1 |
| HK0.A80.12m80.WHS | HSK-A 80 WE12 080 2.5G 25000 SL | 12 | 42 | M12 | 80 | 46 | 1 |
| HK0.A80.14m80.WHS | HSK-A 80 WE14 080 2.5G 25000 SL | 14 | 44 | M12 | 80 | 46 | 1 |
| HK0.A80.16m100.WHS | HSK-A 80 WE16 100 2.5G 25000 SL | 16 | 48 | M14 | 100 | 48 | 1 |
| HK0.A80.18m100.WHS | HSK-A 80 WE18 100 2.5G 25000 SL | 18 | 50 | M14 | 100 | 48 | 1 |
| HK0.A80.20m100.WHS | HSK-A 80 WE20 100 2.5G 25000 SL | 20 | 52 | M16 | 100 | 52 | 1 |
| HK0.A80.25m100.WHS | HSK-A 80 WE25 100 2.5G 25000 SL | 25 | 65 | M18X2 | 100 | 56 | 2 |
| HK0.A80.32m110.WHS | HSK-A 80 WE32 110 2.5G 25000 SL | 32 | 72 | M20X2 | 110 | 60 | 2 |

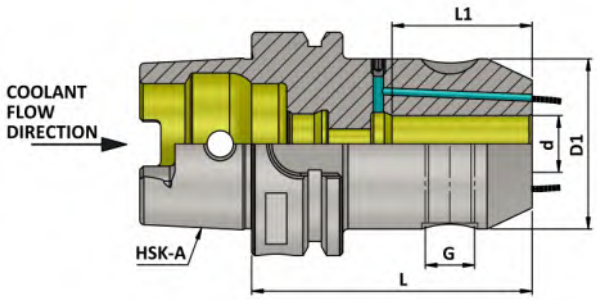
## Accessories:



LOCKING
SCREW SLA

# HSK A80 (DIN 69893-1) Weldon Type End Mill Holder (DIN 1835 B) (Face Coolant Channel) (WE : FCC) (DIN 6359)

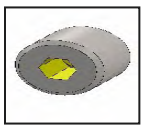
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied



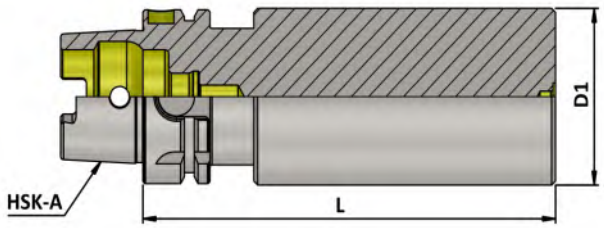

**METRIC**

| HSK A80 (DIN 69893 - 1) (WE : FCC) | | | | | | | (Balanced 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.A80.6m80.WHF | HSK-A80WE06080FCC2.5G25000SL | 6 | 25 | M6 | 80 | 34 | 1 |
| HK0.A80.8m80.WHF | HSK-A80WE08080FCC2.5G25000SL | 8 | 28 | M8 | 80 | 34 | 1 |
| HK0.A80.10m80.WHF | HSK-A80WE10080FCC2.5G25000SL | 10 | 35 | M10 | 80 | 40 | 1 |
| HK0.A80.12m80.WHF | HSK-A80WE12080FCC2.5G25000SL | 12 | 42 | M12 | 80 | 46 | 1 |
| HK0.A80.14m80.WHF | HSK-A80WE14080FCC2.5G25000SL | 14 | 44 | M12 | 80 | 46 | 1 |
| HK0.A80.16m100.WHF | HSK-A80WE16100FCC2.5G25000SL | 16 | 48 | M14 | 100 | 48 | 1 |
| HK0.A80.18m100.WHF | HSK-A80WE18100FCC2.5G25000SL | 18 | 50 | M14 | 100 | 48 | 1 |
| HK0.A80.20m100.WHF | HSK-A80WE20100FCC2.5G25000SL | 20 | 52 | M16 | 100 | 52 | 1 |
| HK0.A80.25m100.WHF | HSK-A80WE25100FCC2.5G25000SL | 25 | 65 | M18X2 | 100 | 56 | 2 |
| HK0.A80.32m110.WHF | HSK-A80WE32110FCC2.5G25000SL | 32 | 72 | M20X2 | 110 | 60 | 2 |

## Accessories:



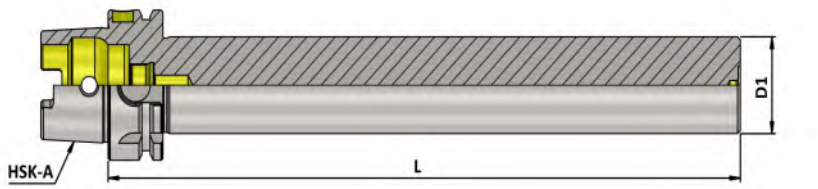
LOCKING
SCREW SLA




METRIC

| HSK-A80 (DIN 69893-1)Boring Bar Blank | | | |
|---|---|---|---|
| PRODUCT CODE | Item Name | D1 | L |
| HK0.A80.80m250.BBB | HSK-A 80 BORING BAR BLANK DIA 80.0 L 250 | 80 | 250 |
| HK0.A80.90m310.BBB | HSK-A 80 BORING BAR BLANK DIA 90.0 L 310 | 90 | 310 |

Maximum Run out of the External diameter with respect to the External Taper 0.003 mm




**METRIC**

| HSK-A80 (DIN 69893-1) Master Mandrell | | | (Sub Zero Treated) |
|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D1** | **L** |
| HK0.A80.40m300.MML | HSK-A 80 MASTER MANDRELL DIA 40 L 300 | 40 | 300 |




# HSK-A100 . DIN 69893


**236 Shrink Fit Holders**

236 4.5 °

240 4.5 ° Face Coolant Channel

243 Slim 3 °

245 4.5 ° Anti – Vibration

**247 Hydraulic Chucks**

247 Standard

250 Face Coolant Channel - Heavy Duty

251 Run out Adjustments

252 Anti – Vibration

254 Slim 3 °

**256 Face Mill Holders (FMH)**

256 Standard

258 Through Coolant (FMH – K)

260 Anti – Vibration

262 Hydraulic Expansion (HC - FMH – K)

263 Hydraulic Expansion (HC - FMH – K – AD/AV)

**265 Power Milling Chuck (PMC)**

265 Power Milling Chuck (PMC)

**266 ER Collect Chuck**

266 Standard

267 M Type

268 Long Series

269 Anti – Vibration

**270 Side Lock Adaptors**

270 Standard

273 Anti - Vibration

**276 Weldon Type End Mill Holders**

276 Standard

278 Face Coolant Channel

**280 Combi Shell Mill Adaptors**

280 Combi Shell Mill Adaptors

**281 Morse Taper Adaptors (MTA)**

281 Morse Taper Adaptors (MTA)

**282 Boring Bar Blanks**

282 Boring Bar Blanks

**283 Master Mandrell**

283 Master Mandrell

**284 NC Drill Chuck**

284 NC Drill Chuck

**285 Quick Change Tapping Chuck**

285 Quick Change Tapping Chuck

**286 Minimum Length Compensation Tapping Chucks**

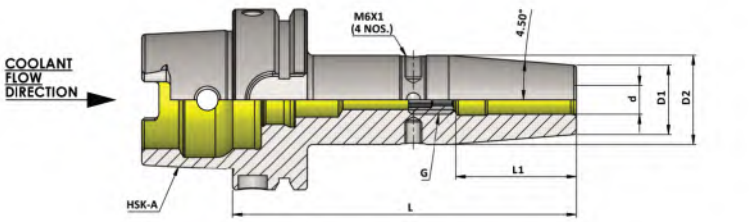
286 Minimum Length Compensation Tapping Chucks

**287 Milling Cutter Arbor (MCA)**

287 Milling Cutter Arbor (MCA)

# HSK-A100 (DIN 69893 - 1)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

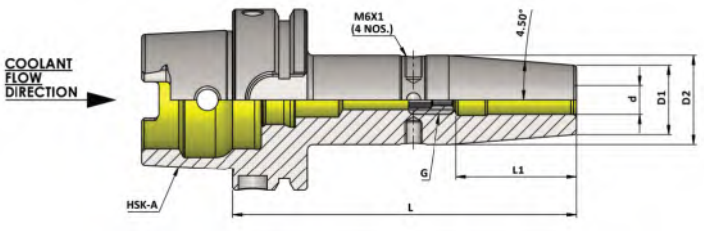



**METRIC**

| HSK-A100 (DIN 69893-1) (SFH 4.5° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.A100.6m85.SFS | HSK-A 100 SFH06 085 2.5G 25000 SL | 6 | 21 | 27 | M5 | 85 | 36 |
| HK0.A100.6m120.SFS | HSK-A 100 SFH06 120 2.5G 25000 SL | 6 | 21 | 27 | M5 | 120 | 36 |
| HK0.A100.6m130.SFS | HSK-A 100 SFH06 130 2.5G 25000 SL | 6 | 21 | 27 | M5 | 130 | 36 |
| HK0.A100.6m160.SFS | HSK-A 100 SFH06 160 2.5G 25000 SL | 6 | 21 | 27 | M5 | 160 | 36 |
| HK0.A100.6m200.SFS | HSK-A 100 SFH06 200 2.5G 25000 SL | 6 | 21 | 27 | M5 | 200 | 36 |
| HK0.A100.8m85.SFS | HSK-A 100 SFH08 085 2.5G 25000 SL | 8 | 21 | 27 | M6 | 85 | 36 |
| HK0.A100.8m120.SFS | HSK-A 100 SFH08 120 2.5G 25000 SL | 8 | 21 | 27 | M6 | 120 | 36 |
| HK0.A100.8m130.SFS | HSK-A 100 SFH08 130 2.5G 25000 SL | 8 | 21 | 27 | M6 | 130 | 36 |
| HK0.A100.8m160.SFS | HSK-A 100 SFH08 160 2.5G 25000 SL | 8 | 21 | 27 | M6 | 160 | 36 |
| HK0.A100.8m200.SFS | HSK-A 100 SFH08 200 2.5G 25000 SL | 8 | 21 | 27 | M6 | 200 | 36 |
| HK0.A100.10m90.SFS | HSK-A 100 SFH10 090 2.5G 25000 SL | 10 | 24 | 31 | M8 | 90 | 41 |
| HK0.A100.10m120.SFS | HSK-A 100 SFH10 120 2.5G 25000 SL | 10 | 24 | 31 | M8 | 120 | 41 |
| HK0.A100.10m130.SFS | HSK-A 100 SFH10 130 2.5G 25000 SL | 10 | 24 | 31 | M8 | 130 | 41 |
| HK0.A100.10m160.SFS | HSK-A 100 SFH10 160 2.5G 25000 SL | 10 | 24 | 31 | M8 | 160 | 41 |
| HK0.A100.10m200.SFS | HSK-A 100 SFH10 200 2.5G 25000 SL | 10 | 24 | 31 | M8 | 200 | 41 |
| HK0.A100.12m95.SFS | HSK-A 100 SFH12 095 2.5G 25000 SL | 12 | 24 | 31 | M10 | 95 | 46 |
| HK0.A100.12m120.SFS | HSK-A 100 SFH12 120 2.5G 25000 SL | 12 | 24 | 31 | M10 | 120 | 46 |
| HK0.A100.12m130.SFS | HSK-A 100 SFH12 130 2.5G 25000 SL | 12 | 24 | 31 | M10 | 130 | 46 |
| HK0.A100.12m160.SFS | HSK-A 100 SFH12 160 2.5G 25000 SL | 12 | 24 | 31 | M10 | 160 | 46 |
| HK0.A100.12m200.SFS | HSK-A 100 SFH12 200 2.5G 25000 SL | 12 | 24 | 31 | M10 | 200 | 46 |
| HK0.A100.14m95.SFS | HSK-A 100 SFH14 095 2.5G 25000 SL | 14 | 27 | 34 | M10 | 95 | 46 |
| HK0.A100.14m120.SFS | HSK-A 100 SFH14 120 2.5G 25000 SL | 14 | 27 | 34 | M10 | 120 | 46 |
| HK0.A100.14m130.SFS | HSK-A 100 SFH14 130 2.5G 25000 SL | 14 | 27 | 34 | M10 | 130 | 46 |
| HK0.A100.14m160.SFS | HSK-A 100 SFH14 160 2.5G 25000 SL | 14 | 27 | 34 | M10 | 160 | 46 |
| HK0.A100.14m200.SFS | HSK-A 100 SFH14 200 2.5G 25000 SL | 14 | 27 | 34 | M10 | 200 | 46 |
| HK0.A100.16m100.SFS | HSK-A 100 SFH16 100 2.5G 25000 SL | 16 | 27 | 34 | M12 | 100 | 49 |
| HK0.A100.16m120.SFS | HSK-A 100 SFH16 120 2.5G 25000 SL | 16 | 27 | 34 | M12 | 120 | 49 |
| HK0.A100.16m130.SFS | HSK-A 100 SFH16 130 2.5G 25000 SL | 16 | 27 | 34 | M12 | 130 | 49 |
| HK0.A100.16m160.SFS | HSK-A 100 SFH16 160 2.5G 25000 SL | 16 | 27 | 34 | M12 | 160 | 49 |
| HK0.A100.16m200.SFS | HSK-A 100 SFH16 200 2.5G 25000 SL | 16 | 27 | 34 | M12 | 200 | 49 |
| HK0.A100.18m100.SFS | HSK-A 100 SFH18 100 2.5G 25000 SL | 18 | 33 | 40 | M12 | 100 | 49 |
| HK0.A100.18m120.SFS | HSK-A 100 SFH18 120 2.5G 25000 SL | 18 | 33 | 40 | M12 | 120 | 49 |
| HK0.A100.18m130.SFS | HSK-A 100 SFH18 130 2.5G 25000 SL | 18 | 33 | 40 | M12 | 130 | 49 |
| HK0.A100.18m160.SFS | HSK-A 100 SFH18 160 2.5G 25000 SL | 18 | 33 | 40 | M12 | 160 | 49 |
| HK0.A100.18m200.SFS | HSK-A 100 SFH18 200 2.5G 25000 SL | 18 | 33 | 40 | M12 | 200 | 49 |

# HSK-A100 (DIN 69893 - 1)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

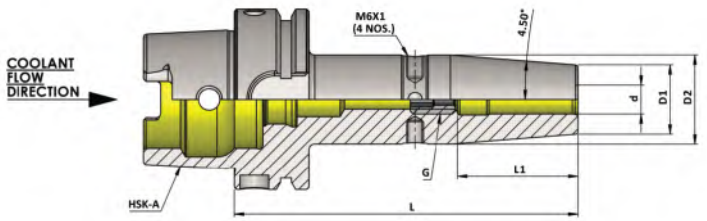



**METRIC**

| HSK-A100 (DIN 69893-1) (SFH 4.5° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.A100.20m105.SFS | HSK-A 100 SFH20 105 2.5G 25000 SL | 20 | 33 | 40 | M16 | 105 | 51 |
| HK0.A100.20m120.SFS | HSK-A 100 SFH20 120 2.5G 25000 SL | 20 | 33 | 40 | M16 | 120 | 51 |
| HK0.A100.20m130.SFS | HSK-A 100 SFH20 130 2.5G 25000 SL | 20 | 33 | 40 | M16 | 130 | 51 |
| HK0.A100.20m160.SFS | HSK-A 100 SFH20 160 2.5G 25000 SL | 20 | 33 | 40 | M16 | 160 | 51 |
| HK0.A100.20m200.SFS | HSK-A 100 SFH20 200 2.5G 25000 SL | 20 | 33 | 40 | M16 | 200 | 51 |
| HK0.A100.25m115.SFS | HSK-A 100 SFH25 115 2.5G 25000 SL | 25 | 44 | 53 | M16 | 115 | 57 |
| HK0.A100.25m120.SFS | HSK-A 100 SFH25 120 2.5G 25000 SL | 25 | 44 | 53 | M16 | 120 | 57 |
| HK0.A100.25m130.SFS | HSK-A 100 SFH25 130 2.5G 25000 SL | 25 | 44 | 53 | M16 | 130 | 57 |
| HK0.A100.25m160.SFS | HSK-A 100 SFH25 160 2.5G 25000 SL | 25 | 44 | 53 | M16 | 160 | 57 |
| HK0.A100.25m200.SFS | HSK-A 100 SFH25 200 2.5G 25000 SL | 25 | 44 | 53 | M16 | 200 | 57 |
| HK0.A100.32m120.SFS | HSK-A 100 SFH32 120 2.5G 25000 SL | 32 | 44 | 53 | M16 | 120 | 61 |
| HK0.A100.32m130.SFS | HSK-A 100 SFH32 130 2.5G 25000 SL | 32 | 44 | 53 | M16 | 130 | 61 |
| HK0.A100.32m160.SFS | HSK-A 100 SFH32 160 2.5G 25000 SL | 32 | 44 | 53 | M16 | 160 | 61 |
| HK0.A100.32m200.SFS | HSK-A 100 SFH32 200 2.5G 25000 SL | 32 | 44 | 53 | M16 | 200 | 61 |

# HSK-A100 (DIN 69893 - 1)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

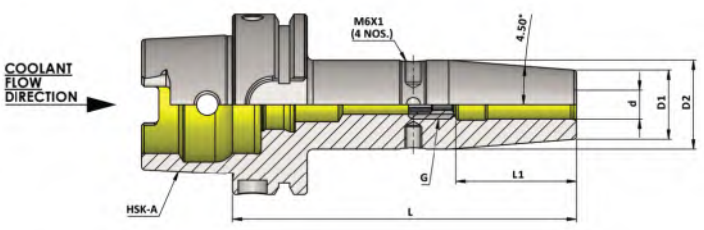



**INCH**

| HSK-A100 (DIN 69893-1) (SFH 4.5° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.A100.1/4z3346.SFS.AD | HSK-A 100 SFH1/4'' 085 AD/ 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 3.346" | 1.417" |
| HK0.A100.1/4z4724.SFS.AD | HSK-A 100 SFH1/4'' 120 AD/ 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 4.724" | 1.417" |
| HK0.A100.1/4z5118.SFS.AD | HSK-A 100 SFH1/4'' 130 AD/ 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 5.118" | 1.417" |
| HK0.A100.1/4z6299.SFS.AD | HSK-A 100 SFH1/4'' 160 AD/ 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 6.299" | 1.417" |
| HK0.A100.1/4z7874.SFS.AD | HSK-A 100 SFH1/4'' 200 AD/ 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 7.874" | 1.417" |
| HK0.A100.5/16z3346.SFS.AD | HSK-A 100 SFH5/16'' 085 AD/ 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 3.346" | 1.417" |
| HK0.A100.5/16z4724.SFS.AD | HSK-A 100 SFH5/16'' 120 AD/ 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 4.724" | 1.417" |
| HK0.A100.5/16z5118.SFS.AD | HSK-A 100 SFH5/16'' 130 AD/ 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 5.118" | 1.417" |
| HK0.A100.5/16z6299.SFS.AD | HSK-A 100 SFH5/16'' 160 AD/ 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 6.299" | 1.417" |
| HK0.A100.5/16z7874.SFS.AD | HSK-A 100 SFH5/16'' 200 AD/ 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 7.874" | 1.417" |
| HK0.A100.3/8z3543.SFS.AD | HSK-A 100 SFH3/8'' 090 AD/ 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 3.543" | 1.614" |
| HK0.A100.3/8z4724.SFS.AD | HSK-A 100 SFH3/8'' 120 AD/ 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 4.724" | 1.614" |
| HK0.A100.3/8z5118.SFS.AD | HSK-A 100 SFH3/8'' 130 AD/ 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 5.118" | 1.614" |
| HK0.A100.3/8z6299.SFS.AD | HSK-A 100 SFH3/8'' 160 AD/ 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 6.299" | 1.614" |
| HK0.A100.3/8z7874.SFS.AD | HSK-A 100 SFH3/8'' 200 AD/ 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 7.874" | 1.614" |
| HK0.A100.1/2z374.SFS.AD | HSK-A 100 SFH1/2'' 095 AD/ 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 3.74" | 1.811" |
| HK0.A100.1/2z4724.SFS.AD | HSK-A 100 SFH1/2'' 120 AD/ 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 4.724" | 1.811" |
| HK0.A100.1/2z5118.SFS.AD | HSK-A 100 SFH1/2'' 130 AD/ 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 5.118" | 1.811" |
| HK0.A100.1/2z6299.SFS.AD | HSK-A 100 SFH1/2'' 160 AD/ 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 6.299" | 1.811" |
| HK0.A100.1/2z7874.SFS.AD | HSK-A 100 SFH1/2'' 200 AD/ 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 7.874" | 1.811" |

# HSK-A100 (DIN 69893 - 1)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

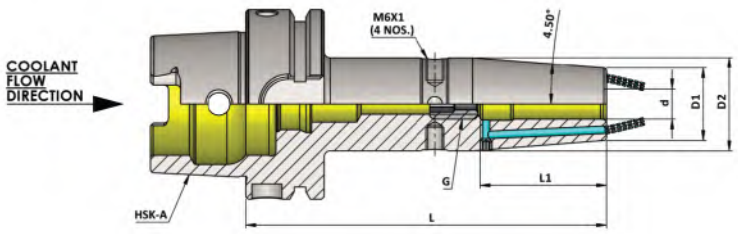



**INCH**

| HSK-A100 (DIN 69893-1) (SFH 4.5° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.A100.5/8z3937.SFS.AD | HSK-A 100 SFH5/8'' 100 AD/ 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 3.937" | 1.929" |
| HK0.A100.5/8z4724.SFS.AD | HSK-A 100 SFH5/8'' 120 AD/ 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 4.724" | 1.929" |
| HK0.A100.5/8z5118.SFS.AD | HSK-A 100 SFH5/8'' 130 AD/ 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 5.118" | 1.929" |
| HK0.A100.5/8z6299.SFS.AD | HSK-A 100 SFH5/8'' 160 AD/ 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 6.299" | 1.929" |
| HK0.A100.5/8z7874.SFS.AD | HSK-A 100 SFH5/8'' 200 AD/ 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 7.874" | 1.929" |
| HK0.A100.3/4z4134.SFS.AD | HSK-A 100 SFH3/4'' 105 AD/ 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 4.134" | 2.008" |
| HK0.A100.3/4z4724.SFS.AD | HSK-A 100 SFH3/4'' 120 AD/ 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 4.724" | 2.008" |
| HK0.A100.3/4z5118.SFS.AD | HSK-A 100 SFH3/4'' 130 AD/ 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 5.118" | 2.008" |
| HK0.A100.3/4z6299.SFS.AD | HSK-A 100 SFH3/4'' 160 AD/ 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 6.299" | 2.008" |
| HK0.A100.3/4z7874.SFS.AD | HSK-A 100 SFH3/4'' 200 AD/ 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 7.874" | 2.008" |
| HK0.A100.1z4528.SFS.AD | HSK-A 100 SFH1.0'' 115 AD/ 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 4.528" | 2.244" |
| HK0.A100.1z4724.SFS.AD | HSK-A 100 SFH1.0'' 120 AD/ 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 4.724" | 2.244" |
| HK0.A100.1z5118.SFS.AD | HSK-A 100 SFH1.0'' 130 AD/ 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 5.118" | 2.244" |
| HK0.A100.1z6299.SFS.AD | HSK-A 100 SFH1.0'' 160 AD/ 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 6.299" | 2.244" |
| HK0.A100.1z7874.SFS.AD | HSK-A 100 SFH1.0'' 200 AD/ 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 7.874" | 2.244" |
| HK0.A100.11/4z4724.SFS.AD | HSK-A 100 SFH1-1/4'' 120 AD/ 2.5G 25000 SL | 1-1/4" | 1.732" | 2.087" | M16 | 4.724" | 2.402" |
| HK0.A100.11/4z5118.SFS.AD | HSK-A 100 SFH1-1/4'' 130 AD/ 2.5G 25000 SL | 1-1/4" | 1.732" | 2.087" | M16 | 5.118" | 2.402" |
| HK0.A100.11/4z6299.SFS.AD | HSK-A 100 SFH1-1/4'' 160 AD/ 2.5G 25000 SL | 1-1/4" | 1.732" | 2.087" | M16 | 6.299" | 2.402" |
| HK0.A100.11/4z7874.SFS.AD | HSK-A 100 SFH1-1/4'' 200 AD/ 2.5G 25000 SL | 1-1/4" | 1.732" | 2.087" | M16 | 7.874" | 2.402" |

# HSK-A100 (DIN 69893 - 1) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

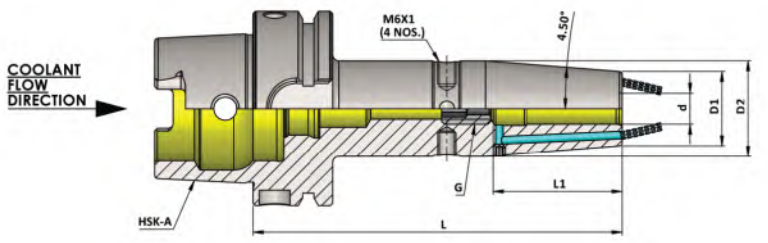



**METRIC**

| HSK-A100 (DIN 69893-1) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.A100.6m85.SFF | HSK-A 100 SFH06 085 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 85 | 36 |
| HK0.A100.6m120.SFF | HSK-A 100 SFH06 120 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 120 | 36 |
| HK0.A100.6m130.SFF | HSK-A 100 SFH06 130 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 130 | 36 |
| HK0.A100.6m160.SFF | HSK-A 100 SFH06 160 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 160 | 36 |
| HK0.A100.8m85.SFF | HSK-A 100 SFH08 085 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 85 | 36 |
| HK0.A100.8m120.SFF | HSK-A 100 SFH08 120 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 120 | 36 |
| HK0.A100.8m130.SFF | HSK-A 100 SFH08 130 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 130 | 36 |
| HK0.A100.8m160.SFF | HSK-A 100 SFH08 160 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 160 | 36 |
| HK0.A100.10m90.SFF | HSK-A 100 SFH10 090 FCC 2.5G 25000 SL | 10 | 24 | 31 | M8 | 90 | 41 |
| HK0.A100.10m120.SFF | HSK-A 100 SFH10 120 FCC 2.5G 25000 SL | 10 | 24 | 31 | M8 | 120 | 41 |
| HK0.A100.10m130.SFF | HSK-A 100 SFH10 130 FCC 2.5G 25000 SL | 10 | 24 | 31 | M8 | 130 | 41 |
| HK0.A100.10m160.SFF | HSK-A 100 SFH10 160 FCC 2.5G 25000 SL | 10 | 24 | 31 | M8 | 160 | 41 |
| HK0.A100.12m95.SFF | HSK-A 100 SFH12 095 FCC 2.5G 25000 SL | 12 | 24 | 31 | M10 | 95 | 46 |
| HK0.A100.12m120.SFF | HSK-A 100 SFH12 120 FCC 2.5G 25000 SL | 12 | 24 | 31 | M10 | 120 | 46 |
| HK0.A100.12m130.SFF | HSK-A 100 SFH12 130 FCC 2.5G 25000 SL | 12 | 24 | 31 | M10 | 130 | 46 |
| HK0.A100.12m160.SFF | HSK-A 100 SFH12 160 FCC 2.5G 25000 SL | 12 | 24 | 31 | M10 | 160 | 46 |
| HK0.A100.14m95.SFF | HSK-A 100 SFH14 095 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 95 | 46 |
| HK0.A100.14m120.SFF | HSK-A 100 SFH14 120 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 120 | 46 |
| HK0.A100.14m130.SFF | HSK-A 100 SFH14 130 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 130 | 46 |
| HK0.A100.14m160.SFF | HSK-A 100 SFH14 160 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 160 | 46 |

# HSK-A100 (DIN 69893 - 1) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

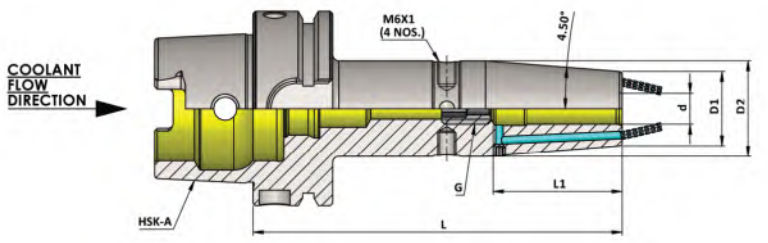



**METRIC**

| HSK-A100 (DIN 69893-1) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.A100.16m100.SFF | HSK-A 100 SFH16 100 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 100 | 49 |
| HK0.A100.16m120.SFF | HSK-A 100 SFH16 120 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 120 | 49 |
| HK0.A100.16m130.SFF | HSK-A 100 SFH16 130 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 130 | 49 |
| HK0.A100.16m160.SFF | HSK-A 100 SFH16 160 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 160 | 49 |
| HK0.A100.18m100.SFF | HSK-A 100 SFH18 100 FCC 2.5G 25000 SL | 18 | 33 | 40 | M12 | 100 | 49 |
| HK0.A100.18m120.SFF | HSK-A 100 SFH18 120 FCC 2.5G 25000 SL | 18 | 33 | 40 | M12 | 120 | 49 |
| HK0.A100.18m130.SFF | HSK-A 100 SFH18 130 FCC 2.5G 25000 SL | 18 | 33 | 40 | M12 | 130 | 49 |
| HK0.A100.18m160.SFF | HSK-A 100 SFH18 160 FCC 2.5G 25000 SL | 18 | 33 | 40 | M12 | 160 | 49 |
| HK0.A100.20m105.SFF | HSK-A 100 SFH20 105 FCC 2.5G 25000 SL | 20 | 33 | 40 | M16 | 105 | 51 |
| HK0.A100.20m120.SFF | HSK-A 100 SFH20 120 FCC 2.5G 25000 SL | 20 | 33 | 40 | M16 | 120 | 51 |
| HK0.A100.20m130.SFF | HSK-A 100 SFH20 130 FCC 2.5G 25000 SL | 20 | 33 | 40 | M16 | 130 | 51 |
| HK0.A100.20m160.SFF | HSK-A 100 SFH20 160 FCC 2.5G 25000 SL | 20 | 33 | 40 | M16 | 160 | 51 |
| HK0.A100.25m115.SFF | HSK-A 100 SFH25 115 FCC 2.5G 25000 SL | 25 | 44 | 53 | M16 | 115 | 57 |
| HK0.A100.25m120.SFF | HSK-A 100 SFH25 120 FCC 2.5G 25000 SL | 25 | 44 | 53 | M16 | 120 | 57 |
| HK0.A100.25m130.SFF | HSK-A 100 SFH25 130 FCC 2.5G 25000 SL | 25 | 44 | 53 | M16 | 130 | 57 |
| HK0.A100.25m160.SFF | HSK-A 100 SFH25 160 FCC 2.5G 25000 SL | 25 | 44 | 53 | M16 | 160 | 57 |
| HK0.A100.32m120.SFF | HSK-A 100 SFH32 120 FCC 2.5G 25000 SL | 32 | 44 | 53 | M16 | 120 | 61 |
| HK0.A100.32m130.SFF | HSK-A 100 SFH32 130 FCC 2.5G 25000 SL | 32 | 44 | 53 | M16 | 130 | 61 |
| HK0.A100.32m160.SFF | HSK-A 100 SFH32 160 FCC 2.5G 25000 SL | 32 | 44 | 53 | M16 | 160 | 61 |

# HSK-A100 (DIN 69893 - 1) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

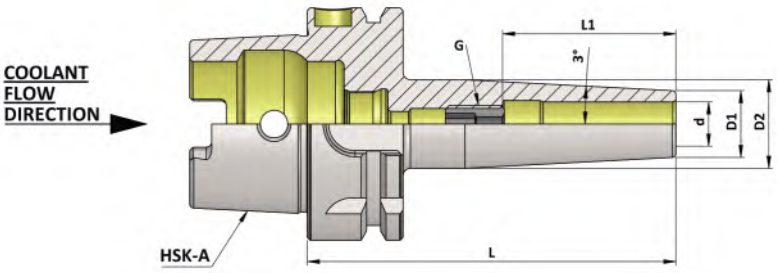



**INCH**

| HSK-A100 (DIN 69893-1) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.A100.1/4z3346.SFF | HSK-A 100 SFH1/4'' 085 FCC / 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 3.346" | 1.417" |
| HK0.A100.1/4z4724.SFF | HSK-A 100 SFH1/4'' 120 FCC / 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 4.724" | 1.417" |
| HK0.A100.1/4z5118.SFF | HSK-A 100 SFH1/4'' 130 FCC / 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 5.118" | 1.417" |
| HK0.A100.1/4z6299.SFF | HSK-A 100 SFH1/4'' 160 FCC / 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 6.299" | 1.417" |
| HK0.A100.5/16z3346.SFF | HSK-A 100 SFH5/16'' 085 FCC / 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 3.346" | 1.417" |
| HK0.A100.5/16z4724.SFF | HSK-A 100 SFH5/16'' 120 FCC / 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 4.724" | 1.417" |
| HK0.A100.5/16z5118.SFF | HSK-A 100 SFH5/16'' 130 FCC / 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 5.118" | 1.417" |
| HK0.A100.5/16z6299.SFF | HSK-A 100 SFH5/16'' 160 FCC / 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 6.299" | 1.417" |
| HK0.A100.3/8z3543.SFF | HSK-A 100 SFH3/8'' 090 FCC / 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 3.543" | 1.614" |
| HK0.A100.3/8z4724.SFF | HSK-A 100 SFH3/8'' 120 FCC / 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 4.724" | 1.614" |
| HK0.A100.3/8z5118.SFF | HSK-A 100 SFH3/8'' 130 FCC / 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 5.118" | 1.614" |
| HK0.A100.3/8z6299.SFF | HSK-A 100 SFH3/8'' 160 FCC / 2.5G 25000 SL | 3/8" | 0.945" | 1.22" | M8 | 6.299" | 1.614" |
| HK0.A100.1/2z374.SFF | HSK-A 100 SFH1/2'' 095 FCC / 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 3.74" | 1.811" |
| HK0.A100.1/2z4724.SFF | HSK-A 100 SFH1/2'' 120 FCC / 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 4.724" | 1.811" |
| HK0.A100.1/2z5118.SFF | HSK-A 100 SFH1/2'' 130 FCC / 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 5.118" | 1.811" |
| HK0.A100.1/2z6299.SFF | HSK-A 100 SFH1/2'' 160 FCC / 2.5G 25000 SL | 1/2" | 0.945" | 1.22" | M10 | 6.299" | 1.811" |
| HK0.A100.5/8z3937.SFF | HSK-A 100 SFH5/8'' 100 FCC / 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 3.937" | 1.929" |
| HK0.A100.5/8z4724.SFF | HSK-A 100 SFH5/8'' 120 FCC / 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 4.724" | 1.929" |
| HK0.A100.5/8z5118.SFF | HSK-A 100 SFH5/8'' 130 FCC / 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 5.118" | 1.929" |
| HK0.A100.5/8z6299.SFF | HSK-A 100 SFH5/8'' 160 FCC / 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 6.299" | 1.929" |
| HK0.A100.3/4z4134.SFF | HSK-A 100 SFH3/4'' 105 FCC / 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 4.134" | 2.008" |
| HK0.A100.3/4z4724.SFF | HSK-A 100 SFH3/4'' 120 FCC / 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 4.724" | 2.008" |
| HK0.A100.3/4z5118.SFF | HSK-A 100 SFH3/4'' 130 FCC / 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 5.118" | 2.008" |
| HK0.A100.3/4z6299.SFF | HSK-A 100 SFH3/4'' 160 FCC / 2.5G 25000 SL | 3/4" | 1.299" | 1.575" | M16 | 6.299" | 2.008" |
| HK0.A100.1z4528.SFF | HSK-A 100 SFH1.0'' 115 FCC / 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 4.528" | 2.244" |
| HK0.A100.1z4724.SFF | HSK-A 100 SFH1.0'' 120 FCC / 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 4.724" | 2.244" |
| HK0.A100.1z5118.SFF | HSK-A 100 SFH1.0'' 130 FCC / 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 5.118" | 2.244" |
| HK0.A100.1z6299.SFF | HSK-A 100 SFH1.0'' 160 FCC / 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 6.299" | 2.244" |
| HK0.A100.11/4z4724.SFF | HSK-A100SFH1-1/4''120FCC/2.5G25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 4.724" | 2.402" |
| HK0.A100.11/4z5118.SFF | HSK-A100SFH1-1/4''130FCC/2.5G25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 5.118" | 2.402" |
| HK0.A100.11/4z6299.SFF | HSK-A100SFH1-1/4''160FCC/2.5G25000SL | 1-1/4" | 1.732" | 2.087" | M16 | 6.299" | 2.402" |

# HSK-A100 (DIN 69893 - 1)
# Shrink Fit Holder Slim 3 Degree (SFH SLIM 3°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

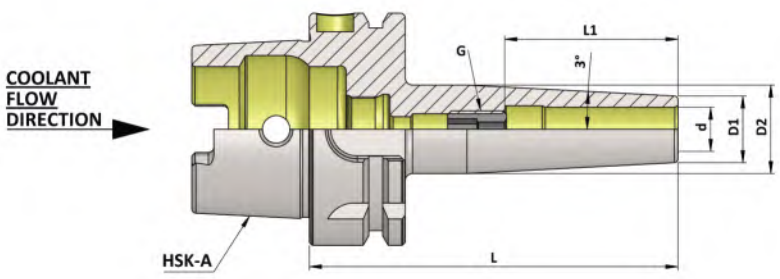



**METRIC**

| HSK-A100 (DIN 69893-1) (SFH SLIM 3°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.A100.6m85.SF3 | HSK-A 100 SFH06 085 SLIM 2.5G 25000 SL | 6 | 12 | 17 | M5 | 85 | 36 |
| HK0.A100.6m120.SF3 | HSK-A 100 SFH06 120 SLIM 2.5G 25000 SL | 6 | 12 | 20.5 | M5 | 120 | 36 |
| HK0.A100.6m160.SF3 | HSK-A 100 SFH06 160 SLIM 2.5G 25000 SL | 6 | 12 | 24 | M5 | 160 | 36 |
| HK0.A100.8m85.SF3 | HSK-A 100 SFH08 085 SLIM 2.5G 25000 SL | 8 | 14 | 19 | M6 | 85 | 36 |
| HK0.A100.8m120.SF3 | HSK-A 100 SFH08 120 SLIM 2.5G 25000 SL | 8 | 14 | 22.5 | M6 | 120 | 36 |
| HK0.A100.8m160.SF3 | HSK-A 100 SFH08 160 SLIM 2.5G 25000 SL | 8 | 14 | 27 | M6 | 160 | 36 |
| HK0.A100.10m90.SF3 | HSK-A 100 SFH10 090 SLIM 2.5G 25000 SL | 10 | 16 | 21.5 | M8 | 90 | 41 |
| HK0.A100.10m120.SF3 | HSK-A 100 SFH10 120 SLIM 2.5G 25000 SL | 10 | 16 | 24.5 | M8 | 120 | 41 |
| HK0.A100.10m160.SF3 | HSK-A 100 SFH10 160 SLIM 2.5G 25000 SL | 10 | 16 | 29 | M8 | 160 | 41 |
| HK0.A100.12m95.SF3 | HSK-A 100 SFH12 095 SLIM 2.5G 25000 SL | 12 | 18 | 24 | M10 | 95 | 46 |
| HK0.A100.12m120.SF3 | HSK-A 100 SFH12 120 SLIM 2.5G 25000 SL | 12 | 18 | 26.5 | M10 | 120 | 46 |
| HK0.A100.12m160.SF3 | HSK-A 100 SFH12 160 SLIM 2.5G 25000 SL | 12 | 18 | 31 | M10 | 160 | 46 |
| HK0.A100.14m95.SF3 | HSK-A 100 SFH14 095 SLIM 2.5G 25000 SL | 14 | 20 | 26 | M10 | 95 | 46 |
| HK0.A100.14m120.SF3 | HSK-A 100 SFH14 120 SLIM 2.5G 25000 SL | 14 | 20 | 29 | M10 | 120 | 46 |
| HK0.A100.14m160.SF3 | HSK-A 100 SFH14 160 SLIM 2.5G 25000 SL | 14 | 20 | 32 | M10 | 160 | 46 |
| HK0.A100.16m100.SF3 | HSK-A 100 SFH16 100 SLIM 2.5G 25000 SL | 16 | 22 | 29 | M12 | 100 | 49 |
| HK0.A100.16m120.SF3 | HSK-A 100 SFH16 120 SLIM 2.5G 25000 SL | 16 | 22 | 31 | M12 | 120 | 49 |
| HK0.A100.16m160.SF3 | HSK-A 100 SFH16 160 SLIM 2.5G 25000 SL | 16 | 22 | 35 | M12 | 160 | 49 |
| HK0.A100.18m100.SF3 | HSK-A 100 SFH18 100 SLIM 2.5G 25000 SL | 18 | 24 | 30 | M12 | 100 | 49 |
| HK0.A100.18m120.SF3 | HSK-A 100 SFH18 120 SLIM 2.5G 25000 SL | 18 | 24 | 33 | M12 | 120 | 49 |
| HK0.A100.18m160.SF3 | HSK-A 100 SFH18 160 SLIM 2.5G 25000 SL | 18 | 24 | 36 | M12 | 160 | 49 |
| HK0.A100.20m105.SF3 | HSK-A 100 SFH20 105 SLIM 2.5G 25000 SL | 20 | 26 | 32 | M16 | 105 | 51 |
| HK0.A100.20m120.SF3 | HSK-A 100 SFH20 120 SLIM 2.5G 25000 SL | 20 | 26 | 35 | M16 | 120 | 51 |
| HK0.A100.20m160.SF3 | HSK-A 100 SFH20 160 SLIM 2.5G 25000 SL | 20 | 26 | 38 | M16 | 160 | 51 |

# HSK-A100 (DIN 69893 - 1)
# Shrink Fit Holder Slim 3 Degree (SFH SLIM 3°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

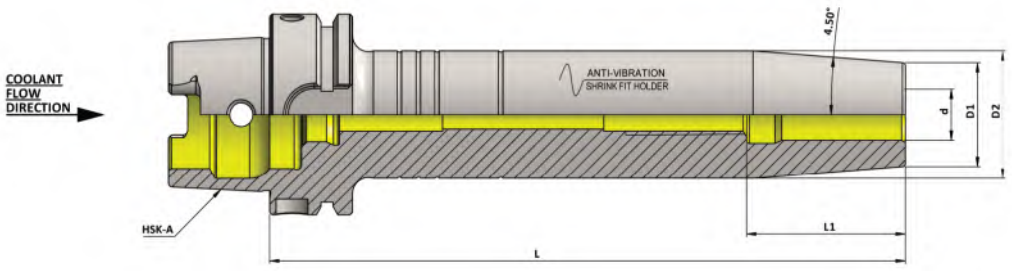



**INCH**

| HSK-A100 (DIN 69893-1) (SFH SLIM 3°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.A100.1/4z3346.SF3 | HSK-A100 SFH1/4'' 085 SLIM/2.5G 25000 SL | 1/4" | 0.472" | 0.669" | M5 | 3.346" | 1.417" |
| HK0.A100.1/4z4724.SF3 | HSK-A100 SFH1/4'' 120 SLIM/2.5G 25000 SL | 1/4" | 0.472" | 0.807" | M5 | 4.724" | 1.417" |
| HK0.A100.1/4z6299.SF3 | HSK-A100 SFH1/4'' 160 SLIM/2.5G 25000 SL | 1/4" | 0.472" | 0.945" | M5 | 6.299" | 1.417" |
| HK0.A100.5/16z3346.SF3 | HSK-A100SFH5/16''085SLIM/2.5G25000SL | 5/16" | 0.551" | 0.748" | M6 | 3.346" | 1.417" |
| HK0.A100.5/16z4724.SF3 | HSK-A100SFH5/16''120SLIM/2.5G25000SL | 5/16" | 0.551" | 0.886" | M6 | 4.724" | 1.417" |
| HK0.A100.5/16z6299.SF3 | HSK-A100SFH5/16''160SLIM/2.5G25000SL | 5/16" | 0.551" | 1.063" | M6 | 6.299" | 1.417" |
| HK0.A100.3/8z3543.SF3 | HSK-A100 SFH3/8'' 090 SLIM/2.5G 25000 SL | 3/8" | 0.63" | 0.846" | M8 | 3.543" | 1.614" |
| HK0.A100.3/8z4724.SF3 | HSK-A100 SFH3/8'' 120 SLIM/2.5G 25000 SL | 3/8" | 0.63" | 0.965" | M8 | 4.724" | 1.614" |
| HK0.A100.3/8z6299.SF3 | HSK-A100 SFH3/8'' 160 SLIM/2.5G 25000 SL | 3/8" | 0.63" | 1.142" | M8 | 6.299" | 1.614" |
| HK0.A100.1/2z374.SF3 | HSK-A100 SFH1/2'' 095 SLIM/2.5G 25000 SL | 1/2" | 0.709" | 0.945" | M10 | 3.74" | 1.811" |
| HK0.A100.1/2z4724.SF3 | HSK-A100 SFH1/2'' 120 SLIM/2.5G 25000 SL | 1/2" | 0.709" | 1.043" | M10 | 4.724" | 1.811" |
| HK0.A100.1/2z6299.SF3 | HSK-A100 SFH1/2'' 160 SLIM/2.5G 25000 SL | 1/2" | 0.709" | 1.22" | M10 | 6.299" | 1.811" |
| HK0.A100.5/8z3937.SF3 | HSK-A100 SFH5/8'' 100 SLIM/2.5G 25000 SL | 5/8" | 0.866" | 1.142" | M12 | 3.937" | 1.929" |
| HK0.A100.5/8z4724.SF3 | HSK-A100 SFH5/8'' 120 SLIM/2.5G 25000 SL | 5/8" | 0.866" | 1.22" | M12 | 4.724" | 1.929" |
| HK0.A100.5/8z6299.SF3 | HSK-A100 SFH5/8'' 160 SLIM/2.5G 25000 SL | 5/8" | 0.866" | 1.378" | M12 | 6.299" | 1.929" |
| HK0.A100.3/4z4134.SF3 | HSK-A100 SFH3/4'' 105 SLIM/2.5G 25000 SL | 3/4" | 1.024" | 1.26" | M16 | 4.134" | 2.008" |
| HK0.A100.3/4z4724.SF3 | HSK-A100 SFH3/4'' 120 SLIM/2.5G 25000 SL | 3/4" | 1.024" | 1.378" | M16 | 4.724" | 2.008" |
| HK0.A100.3/4z6299.SF3 | HSK-A100 SFH3/4'' 160 SLIM/2.5G 25000 SL | 3/4" | 1.024" | 1.496" | M16 | 6.299" | 2.008" |

# HSK-A100 (DIN 69893-1) Shrink Fit Holder
# 4.5 Degree Anti - Vibration (SFH 4.5°- AV)

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm



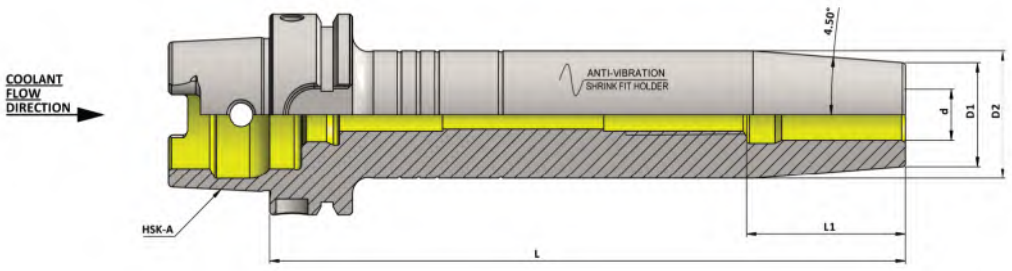

**METRIC**

**HSK-A100 (DIN 69893-1) (SFH 4.5$^0$- AV)**

| Product Code | ITEM NAME | d | D1 | D2 | L | L1 |
|---|---|---|---|---|---|---|
| HK0.A100.16m200.SFV.AV | HSK-A 100 SFH16 200 AV | 16 | 27 | 34 | 200 | 49 |
| HK0.A100.16m250.SFV.AV | HSK-A 100 SFH16 250 AV | 16 | 27 | 34 | 250 | 49 |
| HK0.A100.16m300.SFV.AV | HSK-A 100 SFH16 300 AV | 16 | 27 | 34 | 300 | 49 |
| HK0.A100.16m350.SFV.AV | HSK-A 100 SFH16 350 AV | 16 | 27 | 34 | 350 | 49 |
| HK0.A100.16m400.SFV.AV | HSK-A 100 SFH16 400 AV | 16 | 27 | 34 | 400 | 49 |
| HK0.A100.18m200.SFV.AV | HSK-A 100 SFH18 200 AV | 18 | 33 | 40 | 200 | 49 |
| HK0.A100.18m250.SFV.AV | HSK-A 100 SFH18 250 AV | 18 | 33 | 40 | 250 | 49 |
| HK0.A100.18m300.SFV.AV | HSK-A 100 SFH18 300 AV | 18 | 33 | 40 | 300 | 49 |
| HK0.A100.18m350.SFV.AV | HSK-A 100 SFH18 350 AV | 18 | 33 | 40 | 350 | 49 |
| HK0.A100.18m400.SFV.AV | HSK-A 100 SFH18 400 AV | 18 | 33 | 40 | 400 | 49 |
| HK0.A100.20m200.SFV.AV | HSK-A 100 SFH20 200 AV | 20 | 33 | 40 | 200 | 51 |
| HK0.A100.20m250.SFV.AV | HSK-A 100 SFH20 250 AV | 20 | 33 | 40 | 250 | 51 |
| HK0.A100.20m300.SFV.AV | HSK-A 100 SFH20 300 AV | 20 | 33 | 40 | 300 | 51 |
| HK0.A100.20m350.SFV.AV | HSK-A 100 SFH20 350 AV | 20 | 33 | 40 | 350 | 51 |
| HK0.A100.20m400.SFV.AV | HSK-A 100 SFH20 400 AV | 20 | 33 | 40 | 400 | 51 |
| HK0.A100.25m200.SFV.AV | HSK-A 100 SFH25 200 AV | 25 | 44 | 53 | 200 | 57 |
| HK0.A100.25m250.SFV.AV | HSK-A 100 SFH25 250 AV | 25 | 44 | 53 | 250 | 57 |
| HK0.A100.25m300.SFV.AV | HSK-A 100 SFH25 300 AV | 25 | 44 | 53 | 300 | 57 |
| HK0.A100.25m350.SFV.AV | HSK-A 100 SFH25 350 AV | 25 | 44 | 53 | 350 | 57 |
| HK0.A100.25m400.SFV.AV | HSK-A 100 SFH25 400 AV | 25 | 44 | 53 | 400 | 57 |
| HK0.A100.32m200.SFV.AV | HSK-A 100 SFH32 200 AV | 32 | 44 | 53 | 200 | 61 |
| HK0.A100.32m250.SFV.AV | HSK-A 100 SFH32 250 AV | 32 | 44 | 53 | 250 | 61 |
| HK0.A100.32m300.SFV.AV | HSK-A 100 SFH32 300 AV | 32 | 44 | 53 | 300 | 61 |
| HK0.A100.32m350.SFV.AV | HSK-A 100 SFH32 350 AV | 32 | 44 | 53 | 350 | 61 |
| HK0.A100.32m400.SFV.AV | HSK-A 100 SFH32 400 AV | 32 | 44 | 53 | 400 | 61 |

# HSK-A100 (DIN 69893-1) Shrink Fit Holder
# 4.5 Degree Anti - Vibration (SFH 4.5°- AV)

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm



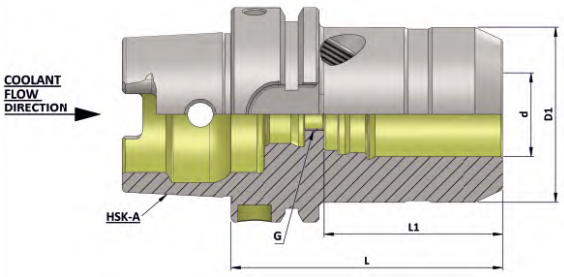

**INCH**

| HSK-A100 (DIN 69893-1) (SFH 4.5$^0$- AV) | | | | | | |
|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **L** | **L1** |
| HK0.A100.5/8z7874.SFV.AV | HSK-A 100 SFH5/8'' 200 AV | 5/8" | 1.063" | 1.339" | 7.874" | 1.929" |
| HK0.A100.5/8z9843.SFV.AV | HSK-A 100 SFH5/8'' 250 AV | 5/8" | 1.063" | 1.339" | 9.843" | 1.929" |
| HK0.A100.5/8z11811.SFV.AV | HSK-A 100 SFH5/8'' 300 AV | 5/8" | 1.063" | 1.339" | 11.811" | 1.929" |
| HK0.A100.5/8z1378.SFV.AV | HSK-A 100 SFH5/8'' 350 AV | 5/8" | 1.063" | 1.339" | 13.78" | 1.929" |
| HK0.A100.5/8z15748.SFV.AV | HSK-A 100 SFH5/8'' 400 AV | 5/8" | 1.063" | 1.339" | 15.748" | 1.929" |
| HK0.A100.3/4z7874.SFV.AV | HSK-A 100 SFH3/4'' 200 AV | 3/4" | 1.299" | 1.575" | 7.874" | 2.008" |
| HK0.A100.3/4z9843.SFV.AV | HSK-A 100 SFH3/4'' 250 AV | 3/4" | 1.299" | 1.575" | 9.843" | 2.008" |
| HK0.A100.3/4z11811.SFV.AV | HSK-A 100 SFH3/4'' 300 AV | 3/4" | 1.299" | 1.575" | 11.811" | 2.008" |
| HK0.A100.3/4z1378.SFV.AV | HSK-A 100 SFH3/4'' 350 AV | 3/4" | 1.299" | 1.575" | 13.78" | 2.008" |
| HK0.A100.3/4z15748.SFV.AV | HSK-A 100 SFH3/4'' 400 AV | 3/4" | 1.299" | 1.575" | 15.748" | 2.008" |
| HK0.A100.1z7874.SFV.AV | HSK-A 100 SFH1.0'' 200 AV | 1.0" | 1.732" | 2.087" | 7.874" | 2.244" |
| HK0.A100.1z9843.SFV.AV | HSK-A 100 SFH1.0'' 250 AV | 1.0" | 1.732" | 2.087" | 9.843" | 2.244" |
| HK0.A100.1z11811.SFV.AV | HSK-A 100 SFH1.0'' 300 AV | 1.0" | 1.732" | 2.087" | 11.811" | 2.244" |
| HK0.A100.1z1378.SFV.AV | HSK-A 100 SFH1.0'' 350 AV | 1.0" | 1.732" | 2.087" | 13.78" | 2.244" |
| HK0.A100.1z15748.SFV.AV | HSK-A 100 SFH1.0'' 400 AV | 1.0" | 1.732" | 2.087" | 15.748" | 2.244" |
| HK0.A100.11/4z7874.SFV.AV | HSK-A 100 SFH1-1/4'' 200 AV | 1-1/4" | 1.732" | 2.087" | 7.874" | 2.402" |
| HK0.A100.11/4z9843.SFV.AV | HSK-A 100 SFH1-1/4'' 250 AV | 1-1/4" | 1.732" | 2.087" | 9.843" | 2.402" |
| HK0.A100.11/4z11811.SFV.AV | HSK-A 100 SFH1-1/4'' 300 AV | 1-1/4" | 1.732" | 2.087" | 11.811" | 2.402" |
| HK0.A100.11/4z1378.SFV.AV | HSK-A 100 SFH1-1/4'' 350 AV | 1-1/4" | 1.732" | 2.087" | 13.78" | 2.402" |
| HK0.A100.11/4z15748.SFV.AV | HSK-A 100 SFH1-1/4'' 400 AV | 1-1/4" | 1.732" | 2.087" | 15.748" | 2.402" |

# HSK-A100 (DIN 69893-1) Form A
# Hydraulic Expansion Chuck

HEAVY DUTY

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

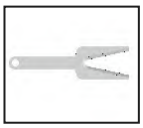
| HSK-A100 (DIN 69893-1) Hydraulic Expansion Chuck | | | | | | |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 |
| HK0.A100.12m95.HCS | HSK-A 100 HC12S 095 2.5G 25000 SL | 12 | 42 | M10 | 95 | 40 |
| HK0.A100.20m90.HCS | HSK-A 100 HC20S 090 2.5G 25000 SL | 20 | 50 | - | 90 | 42 |
| HK0.A100.32m110.HCS | HSK-A 100 HC32S 110 2.5G 25000 SL | 32 | 72 | M16 | 110 | 55 |

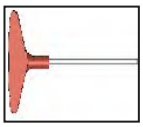
**INCH**

| HSK-A100 (DIN 69893-1) Hydraulic Expansion Chuck | | | | | | |
|---|---|---|---|---|---|---|
| Product Code | Item Name | d | D1 | G | L | L1 |
| HK0.A100.1/2z374.HCS | HSK-A 100 HC1/2''S 095 2.5G 25000 SL | 1/2" | 1.654" | M10 | 3.74" | 1.575" |
| HK0.A100.3/4z3543.HCS | HSK-A 100 HC3/4''S 090 2.5G 25000 SL | 3/4" | 1.969" | - | 3.543" | 1.654" |
| HK0.A100.11/4z4331.HCS | HSK-A100 HC1-1/4''S110 2.5G 25000 SL | 1-1/4" | 2.835" | M16 | 4.331" | 2.165" |

## Accessories:

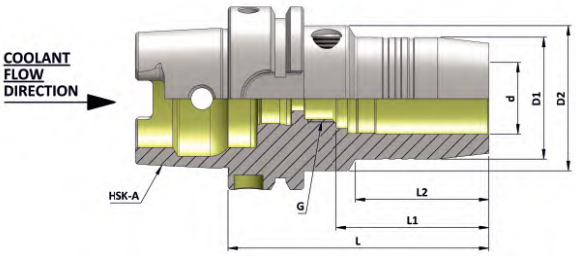

REDUCTION SLEEVE SEAL

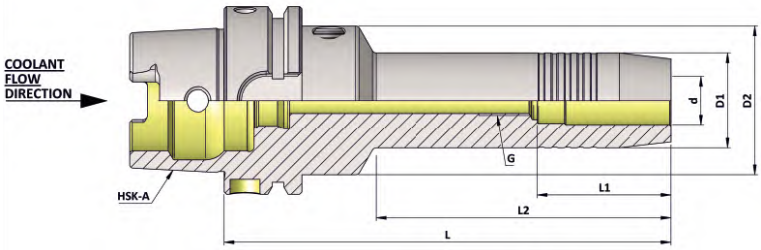

SPANNER HC


KEY HC 5MM

# HSK-A100 (DIN 69893-1)
# Form A Hydraulic Expansion Chuck

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm



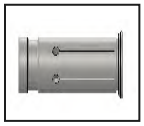




**METRIC**

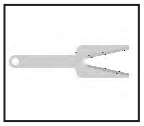
**HSK-A100 (DIN 69893-1) Hydraulic Expansion Chuck**

| Product Code | Item Name | d | D1 | D2 | G | L | L1 | L2 |
|---|---|---|---|---|---|---|---|---|
| HK0.A100.6m75.HCS | HSK-A 100 HC06 075 2.5G 25000 SL | 6 | 26 | 50 | M5 | 75 | 37 | 26 |
| HK0.A100.6m150.HCS | HSK-A 100 HC06 150 2.5G 25000 SL | 6 | 26 | 50 | M5 | 150 | 37 | 100 |
| HK0.A100.6m200.HCS | HSK-A 100 HC06 200 2.5G 25000 SL | 6 | 26 | 50 | M5 | 200 | 37 | 150 |
| HK0.A100.8m75.HCS | HSK-A 100 HC08 075 2.5G 25000 SL | 8 | 28 | 50 | M6 | 75 | 37 | 26 |
| HK0.A100.8m150.HCS | HSK-A 100 HC08 150 2.5G 25000 SL | 8 | 28 | 50 | M6 | 150 | 37 | 100 |
| HK0.A100.8m200.HCS | HSK-A 100 HC08 200 2.5G 25000 SL | 8 | 28 | 50 | M6 | 200 | 37 | 150 |
| HK0.A100.10m90.HCS | HSK-A 100 HC10 090 2.5G 25000 SL | 10 | 30 | 50 | M8 | 90 | 41 | 42 |
| HK0.A100.10m150.HCS | HSK-A 100 HC10 150 2.5G 25000 SL | 10 | 30 | 50 | M8 | 150 | 41 | 100 |
| HK0.A100.10m200.HCS | HSK-A 100 HC10 200 2.5G 25000 SL | 10 | 30 | 50 | M8 | 200 | 41 | 150 |
| HK0.A100.12m95.HCS | HSK-A 100 HC12 095 2.5G 25000 SL | 12 | 32 | 50 | M10 | 95 | 46 | 47 |
| HK0.A100.12m150.HCS | HSK-A 100 HC12 150 2.5G 25000 SL | 12 | 32 | 50 | M10 | 150 | 46 | 100 |
| HK0.A100.12m200.HCS | HSK-A 100 HC12 200 2.5G 25000 SL | 12 | 32 | 50 | M10 | 200 | 46 | 150 |
| HK0.A100.14m95.HCS | HSK-A 100 HC14 095 2.5G 25000 SL | 14 | 34 | 50 | M10 | 95 | 46 | 47 |
| HK0.A100.14m150.HCS | HSK-A 100 HC14 150 2.5G 25000 SL | 14 | 34 | 50 | M10 | 150 | 46 | 100 |
| HK0.A100.14m200.HCS | HSK-A 100 HC14 200 2.5G 25000 SL | 14 | 34 | 50 | M10 | 200 | 46 | 150 |
| HK0.A100.16m100.HCS | HSK-A 100 HC16 100 2.5G 25000 SL | 16 | 38 | 50 | M12 | 100 | 49 | 53 |
| HK0.A100.16m150.HCS | HSK-A 100 HC16 150 2.5G 25000 SL | 16 | 38 | 50 | M12 | 150 | 49 | 100 |
| HK0.A100.16m200.HCS | HSK-A 100 HC16 200 2.5G 25000 SL | 16 | 38 | 50 | M12 | 200 | 49 | 150 |
| HK0.A100.18m100.HCS | HSK-A 100 HC18 100 2.5G 25000 SL | 18 | 40 | 50 | M12 | 100 | 49 | 53 |
| HK0.A100.18m150.HCS | HSK-A 100 HC18 150 2.5G 25000 SL | 18 | 40 | 50 | M12 | 150 | 49 | 100 |
| HK0.A100.18m200.HCS | HSK-A 100 HC18 200 2.5G 25000 SL | 18 | 40 | 50 | M12 | 200 | 49 | 150 |
| HK0.A100.20m105.HCS | HSK-A 100 HC20 105 2.5G 25000 SL | 20 | 42 | 50 | M16 | 105 | 51 | 59 |
| HK0.A100.20m150.HCS | HSK-A 100 HC20 150 2.5G 25000 SL | 20 | 42 | 50 | M16 | 150 | 51 | 100 |
| HK0.A100.20m200.HCS | HSK-A 100 HC20 200 2.5G 25000 SL | 20 | 42 | 50 | M16 | 200 | 51 | 150 |
| HK0.A100.25m110.HCS | HSK-A 100 HC25 110 2.5G 25000 SL | 25 | 57 | 63 | M16 | 110 | 57 | 62 |
| HK0.A100.32m110.HCS | HSK-A 100 HC32 110 2.5G 25000 SL | 32 | 63 | 67 | M16 | 110 | 61 | 60 |

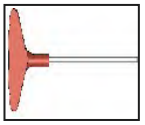
## Accessories:



REDUCTION SLEEVE SEAL



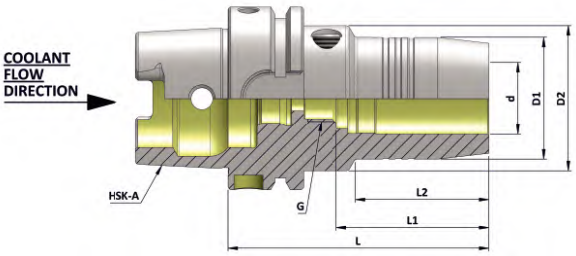
SPANNER HC

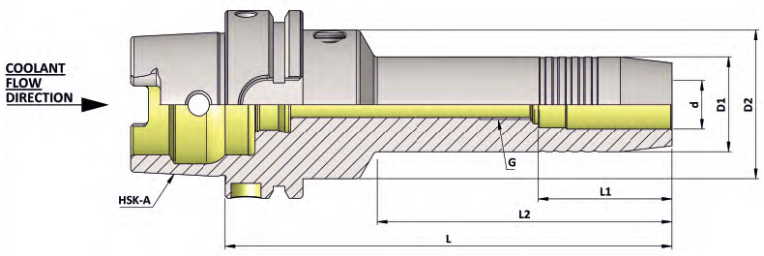


KEY HC 5MM

# HSK-A100 (DIN 69893-1)
# Form A Hydraulic Expansion Chuck

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm



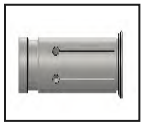




**INCH**

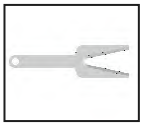
**HSK-A100 (DIN 69893-1) Hydraulic Expansion Chuck**

| Product Code | Item Name | d | D1 | D2 | G | L | L1 | L2 |
|---|---|---|---|---|---|---|---|---|
| HK0.A100.1/4z2953.HCS | HSK-A 100 HC1/4'' 075 2.5G 25000 SL | 1/4'' | 1.024" | 1.969" | M5 | 2.953" | 1.457" | 1.024" |
| HK0.A100.1/4z5906.HCS | HSK-A 100 HC1/4'' 150 2.5G 25000 SL | 1/4'' | 1.024" | 1.969" | M5 | 5.906" | 1.457" | 3.937" |
| HK0.A100.1/4z7874.HCS | HSK-A 100 HC1/4'' 200 2.5G 25000 SL | 1/4'' | 1.024" | 1.969" | M5 | 7.874" | 1.457" | 5.906" |
| HK0.A100.5/16z2953.HCS | HSK-A 100 HC5/16'' 075 2.5G 25000 SL | 5/16'' | 1.102" | 1.969" | M6 | 2.953" | 1.457" | 1.024" |
| HK0.A100.5/16z5906.HCS | HSK-A 100 HC5/16'' 150 2.5G 25000 SL | 5/16'' | 1.102" | 1.969" | M6 | 5.906" | 1.457" | 3.937" |
| HK0.A100.5/16z7874.HCS | HSK-A 100 HC5/16'' 200 2.5G 25000 SL | 5/16'' | 1.102" | 1.969" | M6 | 7.874" | 1.457" | 5.906" |
| HK0.A100.3/8z3543.HCS | HSK-A 100 HC3/8'' 090 2.5G 25000 SL | 3/8'' | 1.181" | 1.969" | M8 | 3.543" | 1.614" | 1.654" |
| HK0.A100.3/8z5906.HCS | HSK-A 100 HC3/8'' 150 2.5G 25000 SL | 3/8'' | 1.181" | 1.969" | M8 | 5.906" | 1.614" | 3.937" |
| HK0.A100.3/8z7874.HCS | HSK-A 100 HC3/8'' 200 2.5G 25000 SL | 3/8'' | 1.181" | 1.969" | M8 | 7.874" | 1.614" | 5.906" |
| HK0.A100.1/2z374.HCS | HSK-A 100 HC1/2'' 095 2.5G 25000 SL | 1/2'' | 1.26" | 1.969" | M10 | 3.74" | 1.811" | 1.85" |
| HK0.A100.1/2z5906.HCS | HSK-A 100 HC1/2'' 150 2.5G 25000 SL | 1/2'' | 1.26" | 1.969" | M10 | 5.906" | 1.811" | 3.937" |
| HK0.A100.1/2z7874.HCS | HSK-A 100 HC1/2'' 200 2.5G 25000 SL | 1/2'' | 1.26" | 1.969" | M10 | 7.874" | 1.811" | 5.906" |
| HK0.A100.5/8z3937.HCS | HSK-A 100 HC5/8'' 100 2.5G 25000 SL | 5/8'' | 1.496" | 1.969" | M12 | 3.937" | 1.929" | 2.087" |
| HK0.A100.5/8z5906.HCS | HSK-A 100 HC5/8'' 150 2.5G 25000 SL | 5/8'' | 1.496" | 1.969" | M12 | 5.906" | 1.929" | 3.937" |
| HK0.A100.5/8z7874.HCS | HSK-A 100 HC5/8'' 200 2.5G 25000 SL | 5/8'' | 1.496" | 1.969" | M12 | 7.874" | 1.929" | 5.906" |
| HK0.A100.3/4z4134.HCS | HSK-A 100 HC3/4'' 105 2.5G 25000 SL | 3/4'' | 1.654" | 1.969" | M16 | 4.134" | 2.008" | 2.323" |
| HK0.A100.3/4z5906.HCS | HSK-A 100 HC3/4'' 150 2.5G 25000 SL | 3/4'' | 1.654" | 1.969" | M16 | 5.906" | 2.008" | 3.937" |
| HK0.A100.3/4z7874.HCS | HSK-A 100 HC3/4'' 200 2.5G 25000 SL | 3/4'' | 1.654" | 1.969" | M16 | 7.874" | 2.008" | 5.906" |
| HK0.A100.1z110.HCS | HSK-A 100 HC1'' 110 2.5G 25000 SL | 1'' | 57 | 63 | M16 | 110 | 57 | 62 |
| HK0.A100.11/4z4331.HCS | HSK-A 100 HC1-1/4'' - 110 2.5G 25000 SL | 1-1/4'' | 2.48" | 2.638" | M16 | 4.331" | 2.402" | 2.441" |

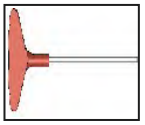
## Accessories:



REDUCTION SLEEVE SEAL



SPANNER HC

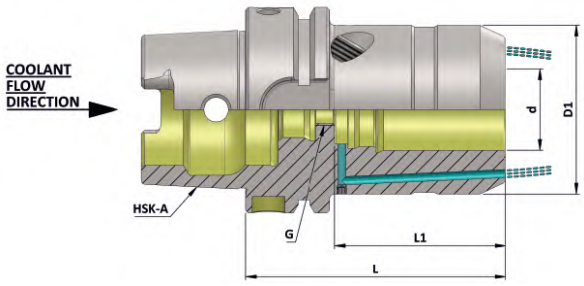


KEY HC 5MM

# HSK-A100 (DIN 69893-1) Form A
# Hydraulic Expansion Chuck

HEAVY DUTY

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

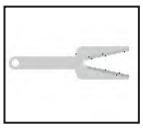
| HSK-A100 (DIN 69893-1) Hydraulic Expansion Chuck (FCC) | | | | | | |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 |
| HK0.A100.12m95.HCD | HSK-A100HC12S095FCC2.5G25000SL | 12 | 42 | M10 | 95 | 40 |
| HK0.A100.20m90.HCD | HSK-A100HC20S090FCC2.5G25000SL | 20 | 50 | M16 | 90 | 42 |
| HK0.A100.32m110.HCD | HSK-A100HC32S110FCC2.5G25000SL | 32 | 72 | M16 | 110 | 55 |

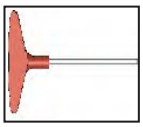
**INCH**

| HSK-A100 (DIN 69893-1) Hydraulic Expansion Chuck (FCC) | | | | | | |
|---|---|---|---|---|---|---|
| Product Code | Item Name | d | D1 | G | L | L1 |
| HK0.A100.1/2z374.HCD | HSK-A100 HC1/2''S 095 FCC 2.5G 25000 SL | 1/2" | 1.654" | M10 | 3.74" | 1.575" |
| HK0.A100.3/4z3543.HCD | HSK-A100 HC3/4''S 090 FCC 2.5G 25000 SL | 3/4" | 1.969" | M16 | 3.543" | 1.654" |
| HK0.A100.11/4z4331.HCD | HSK-A100 HC1-1/4''S 110 FCC 2.5G 25000 SL | 1-1/4" | 2.835" | M16 | 4.331" | 2.165" |

## Accessories:

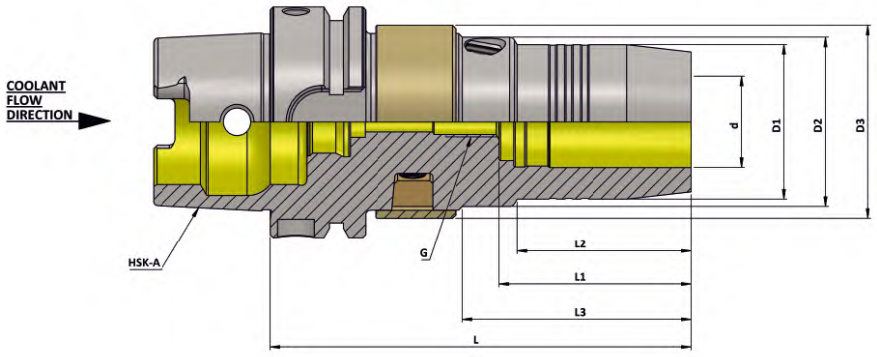

REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

# HSK-A100 (DIN 69893-1) Hydraulic Expansion Chuck With Run Out Adjustment

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

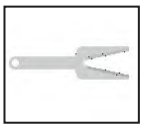
| HSK-A100 (DIN 69893-1) Hydraulic Expansion Chuck Run Out Adjustment | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 | L3 |
| HK0.A100.20m120.HRO.AD | HSK-A100HC20120AD/RA2.5G25000SL | 20 | 42 | 46 | 52.5 | M8 | 120 | 51 | 50 | 65.5 |
| HK0.A100.32m150.HRO.AD | HSK-A100HC32150AD/RA2.5G25000SL | 32 | 42 | 46 | 52.5 | M8 | 150 | 51 | 50 | 65.5 |

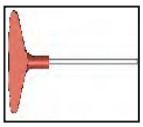
**INCH**

| HSK-A100 (DIN 69893-1) Hydraulic Expansion Chuck Run Out Adjustment | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 | L3 |
| HK0.A100.3/4z4724.HRO.AD | HSK-A 100 HC3/4'' 120 AD/RA 2.5G 25000 SL | 3/4" | 1.654" | 1.811" | 2.067" | M8 | 4.724" | 2.008" | 1.969" | 2.579" |
| HK0.A100.11/4z5906.HRO.AD | HSK-A100HC1-1/4''150AD/RA2.5G25000SL | 1-1/4" | 1.654" | 1.811" | 2.067" | M8 | 5.906" | 2.008" | 1.969" | 2.579" |

## Accessories:

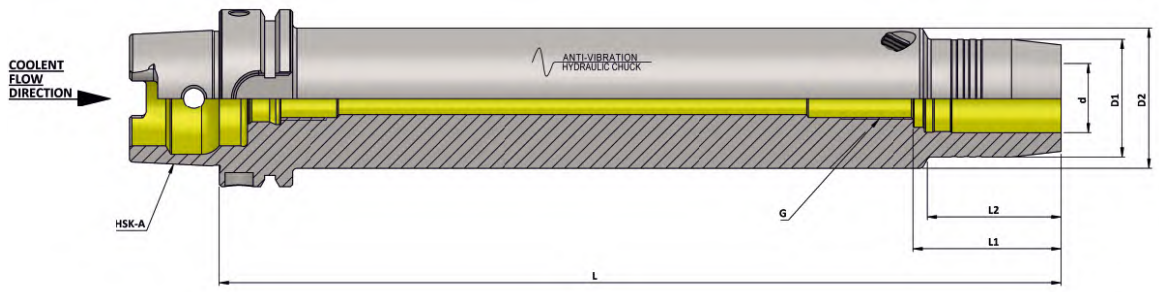

REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

# HSK-A100 (DIN 69893-1) Hydraulic Expansion Chuck Anti - Vibration (HC-AD/AV)

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm




**METRIC**

**HSK-A100 (DIN 69893-1) Hydraulic Expansion Chuck Anti - Vibration (HC-AD/AV)**

| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
|---|---|---|---|---|---|---|---|---|
| HK0.A100.20m200.HCV.ADAV | HSK-A100HC20200AD/AV | 20 | 42 | 50 | M16 | 200 | 51 | 47 |
| HK0.A100.20m250.HCV.ADAV | HSK-A100HC20250AD/AV | 20 | 42 | 50 | M16 | 250 | 51 | 47 |
| HK0.A100.20m300.HCV.ADAV | HSK-A100HC20300AD/AV | 20 | 42 | 50 | M16 | 300 | 51 | 47 |
| HK0.A100.20m350.HCV.ADAV | HSK-A100HC20350AD/AV | 20 | 42 | 50 | M16 | 350 | 51 | 47 |
| HK0.A100.20m400.HCV.ADAV | HSK-A100HC20400AD/AV | 20 | 42 | 50 | M16 | 400 | 51 | 47 |

**INCH**

**HSK-A100 (DIN 69893-1) Hydraulic Expansion Chuck Anti - Vibration (HC-AD/AV)**

| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
|---|---|---|---|---|---|---|---|---|
| HK0.A100.3/4z7874.HCV.ADAV | HSK-A 100 HC3/4'' 200 AD/AV | 3/4'' | 1.654" | 1.969" | M16 | 7.874" | 2.008" | 1.85" |
| HK0.A100.3/4z9843.HCV.ADAV | HSK-A 100 HC3/4'' 250 AD/AV | 3/4'' | 1.654" | 1.969" | M16 | 9.843" | 2.008" | 1.85" |
| HK0.A100.3/4z11811.HCV.ADAV | HSK-A 100 HC3/4'' 300 AD/AV | 3/4'' | 1.654" | 1.969" | M16 | 11.811" | 2.008" | 1.85" |
| HK0.A100.3/4z1378.HCV.ADAV | HSK-A 100 HC3/4'' 350 AD/AV | 3/4'' | 1.654" | 1.969" | M16 | 13.78" | 2.008" | 1.85" |
| HK0.A100.3/4z15748.HCV.ADAV | HSK-A 100 HC3/4'' 400 AD/AV | 3/4'' | 1.654" | 1.969" | M16 | 15.748" | 2.008" | 1.85" |

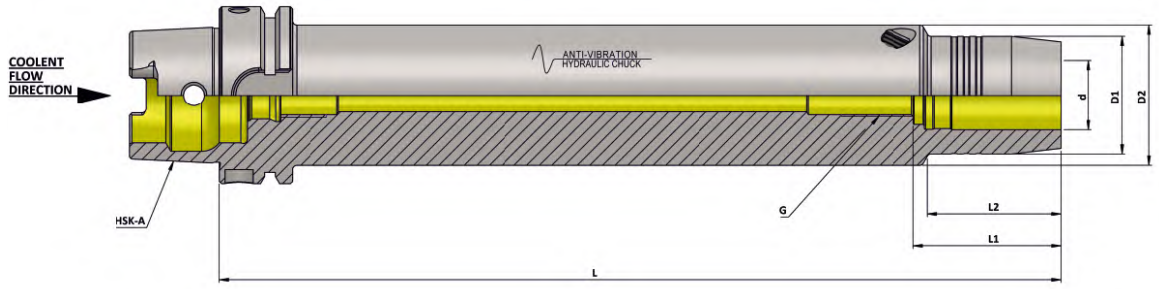
**METRIC**

**HSK-A100 (DIN 69893-1) Hydraulic Expansion Chuck Anti - Vibration (HC-AD/AV)**

| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
|---|---|---|---|---|---|---|---|---|
| HK0.A100.25m200.HCV.ADAV | HSK-A100HC25200AD/AV | 25 | 52 | 55 | M16 | 200 | 57 | 50 |
| HK0.A100.25m250.HCV.ADAV | HSK-A100HC25250AD/AV | 25 | 52 | 55 | M16 | 250 | 57 | 50 |
| HK0.A100.25m300.HCV.ADAV | HSK-A100HC25300AD/AV | 25 | 52 | 55 | M16 | 300 | 57 | 50 |
| HK0.A100.25m350.HCV.ADAV | HSK-A100HC25350AD/AV | 25 | 52 | 55 | M16 | 350 | 57 | 50 |
| HK0.A100.25m400.HCV.ADAV | HSK-A100HC25400AD/AV | 25 | 52 | 55 | M16 | 400 | 57 | 50 |

# HSK-A100 (DIN 69893-1) Hydraulic Expansion Chuck Anti - Vibration (HC-AD/AV)

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm




**INCH**

| HSK-A100 (DIN 69893-1) Hydraulic Expansion Chuck Anti - Vibration (HC-AD/AV) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Product Code** | **Item Name** | **d** | **D1** | **D2** | **G** | **L** | **L1** | **L2** |
| HK0.A100.1z7874.HCV.ADAV | HSK-A100 HC 1.0'' 200 AD/AV | 1.0'' | 2.047" | 2.165" | M16 | 7.874" | 2.244" | 1.969" |
| HK0.A100.1z9843.HCV.ADAV | HSK-A100 HC 1.0'' 250 AD/AV | 1.0'' | 2.047" | 2.165" | M16 | 9.843" | 2.244" | 1.969" |
| HK0.A100.1z11811.HCV.ADAV | HSK-A100 HC 1.0'' 300 AD/AV | 1.0'' | 2.047" | 2.165" | M16 | 11.811" | 2.244" | 1.969" |
| HK0.A100.1z13780.HCV.ADAV | HSK-A100 HC 1.0'' 350 AD/AV | 1.0'' | 2.047" | 2.165" | M16 | 13.780" | 2.244" | 1.969" |
| HK0.A100.1z15748HCV.ADAV | HSK-A100 HC 1.0'' 400 AD/AV | 1.0'' | 2.047" | 2.165" | M16 | 15.748" | 2.244" | 1.969" |

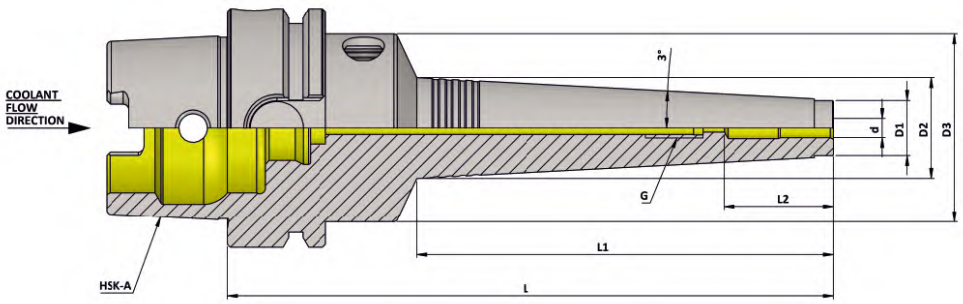
**METRIC**

| HSK-A100 (DIN 69893-1) Hydraulic Expansion Chuck Anti - Vibration (HC-AD/AV) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **d** | **D1** | **D2** | **G** | **L** | **L1** | **L2** |
| HK0.A100.32m200.HCV.ADAV | HSK-A100HC32200AD/AV | 32 | 62 | 63 | M16 | 200 | 61 | 48 |
| HK0.A100.32m250.HCV.ADAV | HSK-A100HC32250AD/AV | 32 | 62 | 63 | M16 | 250 | 61 | 48 |
| HK0.A100.32m300.HCV.ADAV | HSK-A100HC32300AD/AV | 32 | 62 | 63 | M16 | 300 | 61 | 48 |
| HK0.A100.32m350.HCV.ADAV | HSK-A100HC32350AD/AV | 32 | 62 | 63 | M16 | 350 | 61 | 48 |
| HK0.A100.32m400.HCV.ADAV | HSK-A100HC32400AD/AV | 32 | 62 | 63 | M16 | 400 | 61 | 48 |

**INCH**

| HSK-A100 (DIN 69893-1) Hydraulic Expansion Chuck Anti - Vibration (HC-AD/AV) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **d** | **D1** | **D2** | **G** | **L** | **L1** | **L2** |
| HK0.A100.11/4z7874.HCV.ADAV | HSK-A 100 HC1-1/4'' 200 AD/AV | 1-1/4'' | 2.441" | 2.48" | M16 | 7.874" | 2.402" | 1.89" |
| HK0.A100.11/4z9843.HCV.ADAV | HSK-A 100 HC1-1/4'' 250 AD/AV | 1-1/4'' | 2.441" | 2.48" | M16 | 9.843" | 2.402" | 1.89" |
| HK0.A100.11/4z11811.HCV.ADAV | HSK-A 100 HC1-1/4'' 300 AD/AV | 1-1/4'' | 2.441" | 2.48" | M16 | 11.811" | 2.402" | 1.89" |
| HK0.A100.11/4z1378.HCV.ADAV | HSK-A 100 HC1-1/4'' 350 AD/AV | 1-1/4'' | 2.441" | 2.48" | M16 | 13.78" | 2.402" | 1.89" |
| HK0.A100.11/4z15748.HCV.ADAV | HSK-A 100 HC1-1/4'' 400 AD/AV | 1-1/4'' | 2.441" | 2.48" | M16 | 15.748" | 2.402" | 1.89" |

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm



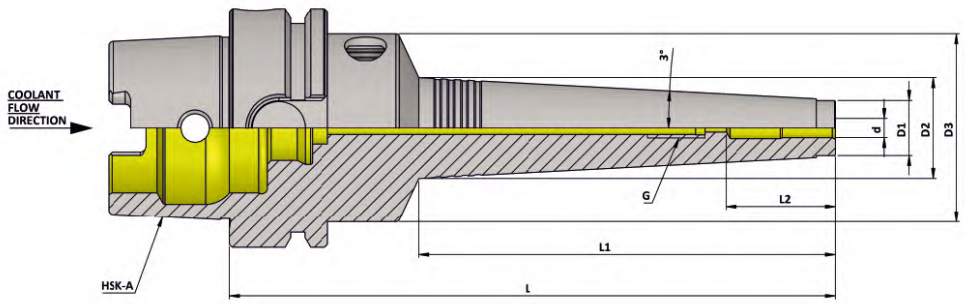

**METRIC**

**HSK-A100 (DIN 69893-1) Hydraulic Expansion Chuck Slim 3 Degree**

| Product Code | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 |
|---|---|---|---|---|---|---|---|---|---|
| HK0.A100.6m105.HC3 | HSK-A100HC06105SLIM2.5G25000SL | 6 | 13 | 17.0 | 46 | M5 | 105 | 38 | 37 |
| HK0.A100.6m150.HC3 | HSK-A100HC06150SLIM2.5G25000SL | 6 | 13 | 21.9 | 46 | M5 | 150 | 84 | 37 |
| HK0.A100.6m165.HC3 | HSK-A100HC06165SLIM2.5G25000SL | 6 | 13 | 23.4 | 46 | M5 | 165 | 99 | 37 |
| HK0.A100.6m180.HC3 | HSK-A100HC06180SLIM2.5G25000SL | 6 | 13 | 25.0 | 46 | M5 | 180 | 114 | 37 |
| HK0.A100.6m195.HC3 | HSK-A100HC06195SLIM2.5G25000SL | 6 | 13 | 26.7 | 46 | M5 | 195 | 130 | 37 |
| HK0.A100.8m105.HC3 | HSK-A100HC08105SLIM2.5G25000SL | 8 | 15 | 19.0 | 46 | M6 | 105 | 38 | 37 |
| HK0.A100.8m150.HC3 | HSK-A100HC08150SLIM2.5G25000SL | 8 | 15 | 23.9 | 46 | M6 | 150 | 84 | 37 |
| HK0.A100.8m165.HC3 | HSK-A100HC08165SLIM2.5G25000SL | 8 | 15 | 25.4 | 46 | M6 | 165 | 99 | 37 |
| HK0.A100.8m180.HC3 | HSK-A100HC08180SLIM2.5G25000SL | 8 | 15 | 27.0 | 46 | M6 | 180 | 114 | 37 |
| HK0.A100.8m195.HC3 | HSK-A100HC08195SLIM2.5G25000SL | 8 | 15 | 28.7 | 46 | M6 | 195 | 130 | 37 |
| HK0.A100.10m150.HC3 | HSK-A100HC10150SLIM2.5G25000SL | 10 | 17 | 25.9 | 46 | M8 | 150 | 84 | 41 |
| HK0.A100.10m165.HC3 | HSK-A100HC10165SLIM2.5G25000SL | 10 | 17 | 27.4 | 46 | M8 | 165 | 99 | 41 |
| HK0.A100.10m180.HC3 | HSK-A100HC10180SLIM2.5G25000SL | 10 | 17 | 29.0 | 46 | M8 | 180 | 114 | 41 |
| HK0.A100.10m195.HC3 | HSK-A100HC10195SLIM2.5G25000SL | 10 | 17 | 30.7 | 46 | M8 | 195 | 130 | 41 |
| HK0.A100.12m150.HC3 | HSK-A100HC12150SLIM2.5G25000SL | 12 | 19 | 27.9 | 46 | M10 | 150 | 84 | 46 |
| HK0.A100.12m165.HC3 | HSK-A100HC12165SLIM2.5G25000SL | 12 | 19 | 29.4 | 46 | M10 | 165 | 99 | 46 |
| HK0.A100.12m180.HC3 | HSK-A100HC12180SLIM2.5G25000SL | 12 | 19 | 31.0 | 46 | M10 | 180 | 114 | 46 |
| HK0.A100.12m195.HC3 | HSK-A100HC12195SLIM2.5G25000SL | 12 | 19 | 32.7 | 46 | M10 | 195 | 130 | 46 |
| HK0.A100.14m150.HC3 | HSK-A100HC14150SLIM2.5G25000SL | 14 | 21 | 29.8 | 52.5 | M10 | 150 | 84 | 46 |
| HK0.A100.14m180.HC3 | HSK-A100HC14180SLIM2.5G25000SL | 14 | 21 | 32.9 | 52.5 | M10 | 180 | 114 | 46 |
| HK0.A100.14m195.HC3 | HSK-A100HC14195SLIM2.5G25000SL | 14 | 21 | 34.5 | 52.5 | M10 | 195 | 130 | 46 |
| HK0.A100.16m150.HC3 | HSK-A100HC16150SLIM2.5G25000SL | 16 | 23 | 31.9 | 52.5 | M12 | 150 | 84 | 49 |
| HK0.A100.16m180.HC3 | HSK-A100HC16180SLIM2.5G25000SL | 16 | 23 | 35.0 | 52.5 | M12 | 180 | 114 | 49 |
| HK0.A100.16m195.HC3 | HSK-A100HC16195SLIM2.5G25000SL | 16 | 23 | 36.6 | 52.5 | M12 | 195 | 130 | 49 |
| HK0.A100.18m150.HC3 | HSK-A100HC18150SLIM2.5G25000SL | 18 | 26 | 34.8 | 60 | M12 | 150 | 84 | 49 |
| HK0.A100.18m180.HC3 | HSK-A100HC18180SLIM2.5G25000SL | 18 | 26 | 37.9 | 60 | M12 | 180 | 114 | 49 |
| HK0.A100.18m195.HC3 | HSK-A100HC18195SLIM2.5G25000SL | 18 | 26 | 39.5 | 60 | M12 | 195 | 130 | 49 |
| HK0.A100.20m150.HC3 | HSK-A100HC20150SLIM2.5G25000SL | 20 | 28 | 36.9 | 60 | M16 | 150 | 84 | 51 |
| HK0.A100.20m180.HC3 | HSK-A100HC20180SLIM2.5G25000SL | 20 | 28 | 40.0 | 60 | M16 | 180 | 114 | 51 |
| HK0.A100.20m195.HC3 | HSK-A100HC20195SLIM2.5G25000SL | 20 | 28 | 41.6 | 60 | M16 | 195 | 130 | 51 |
| HK0.A100.25m150.HC3 | HSK-A100HC25150SLIM2.5G25000SL | 25 | 37 | 45.9 | 60 | M16 | 150 | 84 | 51 |
| HK0.A100.25m180.HC3 | HSK-A100HC25180SLIM2.5G25000SL | 25 | 37 | 49.0 | 60 | M16 | 180 | 114 | 51 |
| HK0.A100.25m195.HC3 | HSK-A100HC25195SLIM2.5G25000SL | 25 | 37 | 50.6 | 60 | M16 | 195 | 130 | 51 |

# HSK-A100 (DIN 69893-1) Form A
# Hydraulic Expansion Chuck Slim 3 Degree

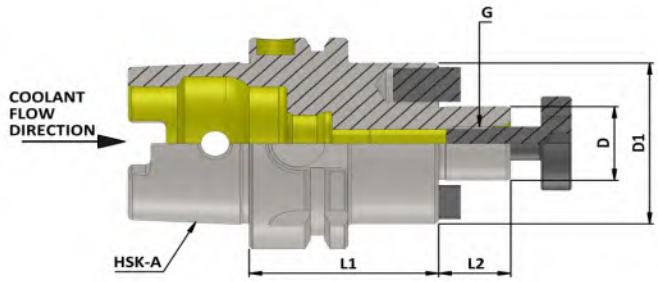
Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**INCH**

| HSK-A100 (DIN 69893-1) Hydraulic Expansion Chuck Slim 3 Degree | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Product Code | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 |
| HK0.A100.1/4z4134.HC3 | HSK-A 100 HC1/4'' 105 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 0.669" | 1.811" | M5 | 4.134" | 1.496" | 1.457" |
| HK0.A100.1/4z5906.HC3 | HSK-A 100 HC1/4'' 150 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 0.862" | 1.811" | M5 | 5.906" | 3.307" | 1.457" |
| HK0.A100.1/4z6496.HC3 | HSK-A 100 HC1/4'' 165 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 0.921" | 1.811" | M5 | 6.496" | 3.898" | 1.457" |
| HK0.A100.1/4z7087.HC3 | HSK-A 100 HC1/4'' 180 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 0.984" | 1.811" | M5 | 7.087" | 4.488" | 1.457" |
| HK0.A100.1/4z7677.HC3 | HSK-A 100 HC1/4'' 195 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 1.051" | 1.811" | M5 | 7.677" | 5.118" | 1.457" |
| HK0.A100.5/16z4134.HC3 | HSK-A 100 HC5/16'' 105 SLIM 2.5G 25000SL | 5/16'' | 0.591" | 0.748" | 1.811" | M6 | 4.134" | 1.496" | 1.457" |
| HK0.A100.5/16z5906.HC3 | HSK-A 100 HC5/16'' 150 SLIM 2.5G 25000SL | 5/16'' | 0.591" | 0.941" | 1.811" | M6 | 5.906" | 3.307" | 1.457" |
| HK0.A100.5/16z6496.HC3 | HSK-A 100 HC5/16'' 165 SLIM 2.5G 25000SL | 5/16'' | 0.591" | 1." | 1.811" | M6 | 6.496" | 3.898" | 1.457" |
| HK0.A100.5/16z7087.HC3 | HSK-A 100 HC5/16'' 180 SLIM 2.5G 25000SL | 5/16'' | 0.591" | 1.063" | 1.811" | M6 | 7.087" | 4.488" | 1.457" |
| HK0.A100.5/16z7677.HC3 | HSK-A 100 HC5/16'' 195 SLIM 2.5G 25000SL | 5/16'' | 0.591" | 1.13" | 1.811" | M6 | 7.677" | 5.118" | 1.457" |
| HK0.A100.3/8z5906.HC3 | HSK-A 100 HC3/8'' 150 SLIM 2.5G 25000SL | 3/8'' | 0.669" | 1.02" | 1.811" | M8 | 5.906" | 3.307" | 1.614" |
| HK0.A100.3/8z6496.HC3 | HSK-A 100 HC3/8'' 165 SLIM 2.5G 25000SL | 3/8'' | 0.669" | 1.079" | 1.811" | M8 | 6.496" | 3.898" | 1.614" |
| HK0.A100.3/8z7087.HC3 | HSK-A 100 HC3/8'' 180 SLIM 2.5G 25000SL | 3/8'' | 0.669" | 1.142" | 1.811" | M8 | 7.087" | 4.488" | 1.614" |
| HK0.A100.3/8z7677.HC3 | HSK-A 100 HC3/8'' 195 SLIM 2.5G 25000SL | 3/8'' | 0.669" | 1.209" | 1.811" | M8 | 7.677" | 5.118" | 1.614" |
| HK0.A100.1/2z5906.HC3 | HSK-A 100 HC1/2'' 150 SLIM 2.5G 25000SL | 1/2'' | 0.748" | 1.098" | 1.811" | M10 | 5.906" | 3.307" | 1.811" |
| HK0.A100.1/2z6496.HC3 | HSK-A 100 HC1/2'' 165 SLIM 2.5G 25000SL | 1/2'' | 0.748" | 1.157" | 1.811" | M10 | 6.496" | 3.898" | 1.811" |
| HK0.A100.1/2z7087.HC3 | HSK-A 100 HC1/2'' 180 SLIM 2.5G 25000SL | 1/2'' | 0.748" | 1.22" | 1.811" | M10 | 7.087" | 4.488" | 1.811" |
| HK0.A100.1/2z7677.HC3 | HSK-A 100 HC1/2'' 195 SLIM 2.5G 25000SL | 1/2'' | 0.748" | 1.287" | 1.811" | M10 | 7.677" | 5.118" | 1.811" |
| HK0.A100.5/8z5906.HC3 | HSK-A 100 HC5/8'' 150 SLIM 2.5G 25000SL | 5/8'' | 0.906" | 1.256" | 2.067" | M12 | 5.906" | 3.307" | 1.929" |
| HK0.A100.5/8z7087.HC3 | HSK-A 100 HC5/8'' 180 SLIM 2.5G 25000SL | 5/8'' | 0.906" | 1.378" | 2.067" | M12 | 7.087" | 4.488" | 1.929" |
| HK0.A100.5/8z7677.HC3 | HSK-A 100 HC5/8'' 195 SLIM 2.5G 25000SL | 5/8'' | 0.906" | 1.441" | 2.067" | M12 | 7.677" | 5.118" | 1.929" |
| HK0.A100.3/4z5906.HC3 | HSK-A 100 HC3/4'' 150 SLIM 2.5G 25000SL | 3/4'' | 1.102" | 1.453" | 2.362" | M16 | 5.906" | 3.307" | 2.008" |
| HK0.A100.3/4z7087.HC3 | HSK-A 100 HC3/4'' 180 SLIM 2.5G 25000SL | 3/4'' | 1.102" | 1.575" | 2.362" | M16 | 7.087" | 4.488" | 2.008" |
| HK0.A100.3/4z7677.HC3 | HSK-A 100 HC3/4'' 195 SLIM 2.5G 25000SL | 3/4'' | 1.102" | 1.638" | 2.362" | M16 | 7.677" | 5.118" | 2.008" |
| HK0.A100.1z5906.HC3 | HSK-A 100 HC 1.0'' 150 SLIM 2.5G 25000SL | 1.0'' | 1.457" | 1.807" | 2.362" | M16 | 5.906" | 3.307" | 2.008" |
| HK0.A100.1z7087.HC3 | HSK-A 100 HC 1.0'' 180 SLIM 2.5G 25000SL | 1.0'' | 1.457" | 1.929" | 2.362" | M16 | 7.087" | 4.488" | 2.008" |
| HK0.A100.1z7677.HC3 | HSK-A 100 HC 1.0'' 195 SLIM 2.5G 25000SL | 1.0'' | 1.457" | 1.992" | 2.362" | M16 | 7.677" | 5.118" | 2.008" |

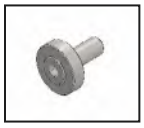
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

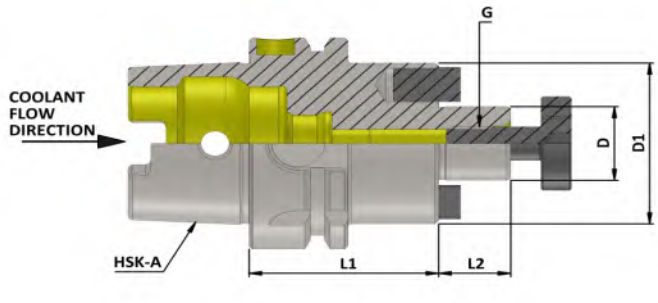
| HSK-A100 (DIN 69893-1) FMH | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.A100.16m55.FMS | HSK-A100FMH160552.5G25000SLSP.S | 16 | 38 | 55 | 17 | M8 X 1.25P |
| HK0.A100.16m100.FMS | HSK-A100FMH161002.5G25000SLSP.S | 16 | 38 | 100 | 17 | M8 X 1.25P |
| HK0.A100.16m130.FMS | HSK-A100FMH161302.5G25000SLSP.S | 16 | 38 | 130 | 17 | M8 X 1.25P |
| HK0.A100.16m160.FMS | HSK-A100FMH161602.5G25000SLSP.S | 16 | 38 | 160 | 17 | M8 X 1.25P |
| HK0.A100.22m55.FMS | HSK-A100FMH220552.5G25000SLSP.S | 22 | 48 | 55 | 19 | M10 X 1.5P |
| HK0.A100.22m100.FMS | HSK-A100FMH221002.5G25000SLSP.S | 22 | 48 | 100 | 19 | M10 X 1.5P |
| HK0.A100.22m130.FMS | HSK-A100FMH221302.5G25000SLSP.S | 22 | 48 | 130 | 19 | M10 X 1.5P |
| HK0.A100.22m160.FMS | HSK-A100FMH221602.5G25000SLSP.S | 22 | 48 | 160 | 19 | M10 X 1.5P |
| HK0.A100.27m55.FMS | HSK-A100FMH270552.5G25000SLSP.S | 27 | 58 | 55 | 21 | M12 X 1.75P |
| HK0.A100.27m100.FMS | HSK-A100FMH271002.5G25000SLSP.S | 27 | 58 | 100 | 21 | M12 X 1.75P |
| HK0.A100.27m130.FMS | HSK-A100FMH271302.5G25000SLSP.S | 27 | 58 | 130 | 21 | M12 X 1.75P |
| HK0.A100.27m160.FMS | HSK-A100FMH271602.5G25000SLSP.S | 27 | 58 | 160 | 21 | M12 X 1.75P |
| HK0.A100.32m60.FMS | HSK-A100FMH320602.5G25000SLSP.S | 32 | 78 | 60 | 24 | M16 X 2P |
| HK0.A100.32m100.FMS | HSK-A100FMH321002.5G25000SLSP.S | 32 | 78 | 100 | 24 | M16 X 2P |
| HK0.A100.32m130.FMS | HSK-A100FMH321302.5G25000SLSP.S | 32 | 78 | 130 | 24 | M16 X 2P |
| HK0.A100.32m160.FMS | HSK-A100FMH321602.5G25000SLSP.S | 32 | 78 | 160 | 24 | M16 X 2P |
| HK0.A100.40m65.FMS | HSK-A100FMH400652.5G25000SLSP.S | 40 | 88 | 65 | 27 | M20 X 2.5P |
| HK0.A100.40m100.FMS | HSK-A100FMH401002.5G25000SLSP.S | 40 | 88 | 100 | 27 | M20 X 2.5P |
| HK0.A100.40m130.FMS | HSK-A100FMH401302.5G25000SLSP.S | 40 | 88 | 130 | 27 | M20 X 2.5P |
| HK0.A100.40m160.FMS | HSK-A100FMH401602.5G25000SLSP.S | 40 | 88 | 160 | 27 | M20 X 2.5P |
| HK0.A100.60m70.FMS | HSK-A100FMH600702.5G25000SLSP.S | 60 | 128 | 70 | 40 | - |
| HK0.A100.60m100.FMS | HSK-A100FMH601002.5G25000SLSP.S | 60 | 128 | 100 | 40 | - |
| HK0.A100.60m130.FMS | HSK-A100FMH601302.5G25000SLSP.S | 60 | 128 | 130 | 40 | - |
| HK0.A100.60m160.FMS | HSK-A100FMH601602.5G25000SLSP.S | 60 | 128 | 160 | 40 | - |

## Accessories:



FMH / CSMA
CLAMPING
SCREW

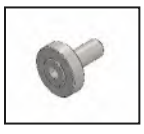
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**INCH**

| HSK-A100 (DIN 69893-1) FMH | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| **Product Code** | **Item Name** | **D** | **D1** | **L1** | **L2** | **G** |
| HK0.A100.1z2000.FMS | HSK-A 100 FMH 1.0'' 2.0'' 2.5G 25000 SL | 1.0" | 2.200" | 2.0" | 0.689" | 1/2"-20 UNF |
| HK0.A100.3/4z4000.FMS | HSK-A 100 FMH3/4'' 4.0'' 2.5G 25000 SL | 3/4" | 1.690" | 4.0" | 0.689" | 3/8"-24 UNF |
| HK0.A100.3/4z1969.FMS | HSK-A 100 FMH 3/4'' 050 2.5G 25000 SL | 3/4" | 2" | 1.969" | 0.687" | 3/8"-24 UNF - 2B x 1" |
| HK0.A100.3/4z3937.FMS | HSK-A 100 FMH 3/4'' 100 2.5G 25000 SL | 3/4" | 2" | 3.937" | 0.687" | 3/8"-24 UNF - 2B x 1" |
| HK0.A100.3/4z6299.FMS | HSK-A 100 FMH 3/4'' 160 2.5G 25000 SL | 3/4" | 2" | 6.299" | 0.687" | 3/8"-24 UNF - 2B x 1" |
| HK0.A100.1z1969.FMS | HSK-A 100 FMH 1.0'' 050 2.5G 25000 SL | 1.0" | 2.375" | 1.969" | 0.687" | 1/2"-20 UNF - 2B x 1 1/4" |
| HK0.A100.1z3937.FMS | HSK-A 100 FMH 1.0'' 100 2.5G 25000 SL | 1.0" | 2.375" | 3.937" | 0.687" | 1/2"-20 UNF - 2B x 1 1/4" |
| HK0.A100.1z5118.FMS | HSK-A 100 FMH 1.0'' 130 2.5G 25000 SL | 1.0" | 2.375" | 5.118" | 0.687" | 1/2"-20 UNF - 2B x 1 1/4" |
| HK0.A100.1z6299.FMS | HSK-A 100 FMH 1.0'' 160 2.5G 25000 SL | 1.0" | 2.375" | 6.299" | 0.687" | 1/2"-20 UNF - 2B x 1 1/4" |
| HK0.A100.11/4z2362.FMS | HSK-A 100 FMH1 1/4'' 060 2.5G 25000 SL | 1 1/4" | 2.875" | 2.362" | 0.687" | 5/8"-18 UNF - 2B x 1 1/4" |
| HK0.A100.11/4z3937.FMS | HSK-A 100 FMH1 1/4'' 100 2.5G 25000 SL | 1 1/4" | 2.875" | 3.937" | 0.687" | 5/8"-18 UNF - 2B x 1 1/4" |
| HK0.A100.11/4z5118.FMS | HSK-A 100 FMH1 1/4'' 130 2.5G 25000 SL | 1 1/4" | 2.875" | 5.118" | 0.687" | 5/8"-18 UNF - 2B x 1 1/4" |
| HK0.A100.11/4z6299.FMS | HSK-A 100 FMH1 1/4'' 160 2.5G 25000 SL | 1 1/4" | 2.875" | 6.299" | 0.687" | 5/8"-18 UNF - 2B x 1 1/4" |
| HK0.A100.11/2z2559.FMS | HSK-A 100 FMH 1 1/2'' 065 2.5G 25000 SL | 1 1/2" | 3.750" | 2.559" | 0.938" | 3/4"-16 UNF - 2B x 1 1/2" |
| HK0.A100.11/2z3937.FMS | HSK-A 100 FMH 1 1/2'' 100 2.5G 25000 SL | 1 1/2" | 3.750" | 3.937" | 0.938" | 3/4"-16 UNF - 2B x 1 1/2" |
| HK0.A100.11/2z5118.FMS | HSK-A 100 FMH 1 1/2'' 130 2.5G 25000 SL | 1 1/2" | 3.750" | 5.118" | 0.938" | 3/4"-16 UNF - 2B x 1 1/2" |
| HK0.A100.11/2z6299.FMS | HSK-A 100 FMH 1 1/2'' 160 2.5G 25000 SL | 1 1/2" | 3.750" | 6.299" | 0.938" | 3/4"-16 UNF - 2B x 1 1/2" |

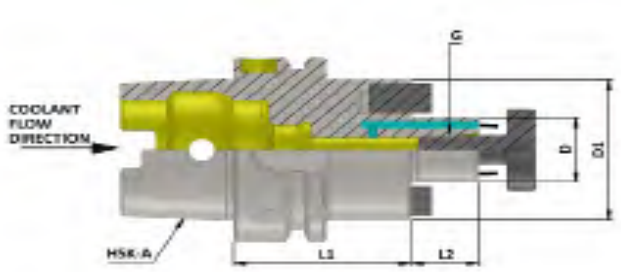
## Accessories:



FMH / CSMA
CLAMPING
SCREW

# HSK-A100 (DIN 69893-1) Face Mill Holder (Through Coolant) (DIN 6357) FMH - K

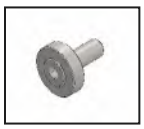
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-A100 (DIN 69893-1) FMH -K | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.A100.16m55.FMK | HSK-A 100 FMH-K16 055 2.5G 25000 SL SP.S | 16 | 38 | 55 | 17 | M8 X 1.25P |
| HK0.A100.16m100.FMK | HSK-A 100 FMH-K16 100 2.5G 25000 SL SP.S | 16 | 38 | 100 | 17 | M8 X 1.25P |
| HK0.A100.16m130.FMK | HSK-A 100 FMH-K16 130 2.5G 25000 SL SP.S | 16 | 38 | 130 | 17 | M8 X 1.25P |
| HK0.A100.16m160.FMK | HSK-A 100 FMH-K16 160 2.5G 25000 SL SP.S | 16 | 38 | 160 | 17 | M8 X 1.25P |
| HK0.A100.22m55.FMK | HSK-A 100 FMH-K22 055 2.5G 25000 SL SP.S | 22 | 48 | 55 | 19 | M10 X 1.5P |
| HK0.A100.22m100.FMK | HSK-A 100 FMH-K22 100 2.5G 25000 SL SP.S | 22 | 48 | 100 | 19 | M10 X 1.5P |
| HK0.A100.22m130.FMK | HSK-A 100 FMH-K22 130 2.5G 25000 SL SP.S | 22 | 48 | 130 | 19 | M10 X 1.5P |
| HK0.A100.22m160.FMK | HSK-A 100 FMH-K22 160 2.5G 25000 SL SP.S | 22 | 48 | 160 | 19 | M10 X 1.5P |
| HK0.A100.27m55.FMK | HSK-A 100 FMH-K27 055 2.5G 25000 SL SP.S | 27 | 58 | 55 | 21 | M12 X 1.75P |
| HK0.A100.27m100.FMK | HSK-A 100 FMH-K27 100 2.5G 25000 SL SP.S | 27 | 58 | 100 | 21 | M12 X 1.75P |
| HK0.A100.27m130.FMK | HSK-A 100 FMH-K27 130 2.5G 25000 SL SP.S | 27 | 58 | 130 | 21 | M12 X 1.75P |
| HK0.A100.27m160.FMK | HSK-A 100 FMH-K27 160 2.5G 25000 SL SP.S | 27 | 58 | 160 | 21 | M12 X 1.75P |
| HK0.A100.32m60.FMK | HSK-A 100 FMH-K32 060 2.5G 25000 SL SP.S | 32 | 78 | 60 | 24 | M16 X 2P |
| HK0.A100.32m100.FMK | HSK-A 100 FMH-K32 100 2.5G 25000 SL SP.S | 32 | 78 | 100 | 24 | M16 X 2P |
| HK0.A100.32m130.FMK | HSK-A 100 FMH-K32 130 2.5G 25000 SL SP.S | 32 | 78 | 130 | 24 | M16 X 2P |
| HK0.A100.32m160.FMK | HSK-A 100 FMH-K32 160 2.5G 25000 SL SP.S | 32 | 78 | 160 | 24 | M16 X 2P |
| HK0.A100.40m65.FMK | HSK-A 100 FMH-K40 065 2.5G 25000 SL SP.S | 40 | 88 | 65 | 27 | M20 X 2.5P |
| HK0.A100.40m100.FMK | HSK-A 100 FMH-K40 100 2.5G 25000 SL SP.S | 40 | 88 | 100 | 27 | M20 X 2.5P |
| HK0.A100.40m130.FMK | HSK-A 100 FMH-K40 130 2.5G 25000 SL SP.S | 40 | 88 | 130 | 27 | M20 X 2.5P |
| HK0.A100.40m160.FMK | HSK-A 100 FMH-K40 160 2.5G 25000 SL SP.S | 40 | 88 | 160 | 27 | M20 X 2.5P |
| HK0.A100.60m70.FMK | HSK-A 100 FMH-K60 070 2.5G 25000 SL SP.S | 60 | 128 | 70 | 40 | - |
| HK0.A100.60m100.FMK | HSK-A 100 FMH-K60 100 2.5G 25000 SL SP.S | 60 | 128 | 100 | 40 | - |
| HK0.A100.60m130.FMK | HSK-A 100 FMH-K60 130 2.5G 25000 SL SP.S | 60 | 128 | 130 | 40 | - |
| HK0.A100.60m160.FMK | HSK-A 100 FMH-K60 160 2.5G 25000 SL SP.S | 60 | 128 | 160 | 40 | - |

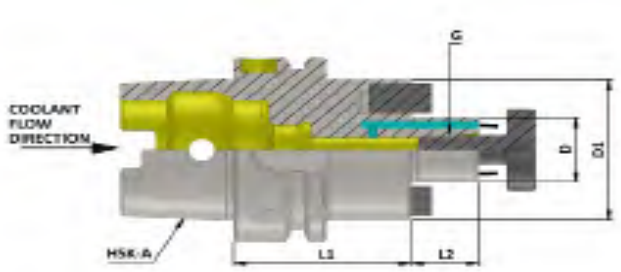
## Accessories:



FMH / CSMA CLAMPING SCREW

# HSK-A100 (DIN 69893-1) Face Mill Holder (Through Coolant) (DIN 6357) FMH - K

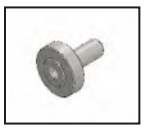
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**INCH**

| HSK-A100 (DIN 69893-1) FMH -K | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.A100.3/4z1969.FMK | HSK-A 100 FMH-K3/4'' 050 2.5G 25000 SL | 3/4" | 2" | 1.969" | 0.687" | 3/8"-24 UNF - 2B x 1" |
| HK0.A100.3/4z3937.FMK | HSK-A 100 FMH-K3/4'' 100 2.5G 25000 SL | 3/4" | 2" | 3.937" | 0.687" | 3/8"-24 UNF - 2B x 1" |
| HK0.A100.3/4z6299.FMK | HSK-A 100 FMH-K3/4'' 160 2.5G 25000 SL | 3/4" | 2" | 6.299" | 0.687" | 3/8"-24 UNF - 2B x 1" |
| HK0.A100.1z1969.FMK | HSK-A 100 FMH-K1.0'' 055 2.5G 25000 SL | 1.0" | 2.375" | 1.969" | 0.687" | 1/2"-20 UNF - 2B x 1 1/4" |
| HK0.A100.1z3937.FMK | HSK-A 100 FMH-K1.0'' 100 2.5G 25000 SL | 1.0" | 2.375" | 3.937" | 0.687" | 1/2"-20 UNF - 2B x 1 1/4" |
| HK0.A100.1z5118.FMK | HSK-A 100 FMH-K1.0'' 130 2.5G 25000 SL | 1.0" | 2.375" | 5.118" | 0.687" | 1/2"-20 UNF - 2B x 1 1/4" |
| HK0.A100.1z6299.FMK | HSK-A 100 FMH-K1.0'' 160 2.5G 25000 SL | 1.0" | 2.375" | 6.299" | 0.687" | 1/2"-20 UNF - 2B x 1 1/4" |
| HK0.A100.11/4z2362.FMK | HSK-A 100 FMH-K1-1/4'' 060 2.5G 25000 SL | 1 1/4" | 2.875" | 2.362" | 0.687" | 5/8"-18 UNF - 2B x 1 1/4" |
| HK0.A100.11/4z3937.FMK | HSK-A 100 FMH-K1-1/4'' 100 2.5G 25000 SL | 1 1/4" | 2.875" | 3.937" | 0.687" | 5/8"-18 UNF - 2B x 1 1/4" |
| HK0.A100.11/4z5118.FMK | HSK-A 100 FMH-K1-1/4'' 130 2.5G 25000 SL | 1 1/4" | 2.875" | 5.118" | 0.687" | 5/8"-18 UNF - 2B x 1 1/4" |
| HK0.A100.11/4z6299.FMK | HSK-A 100 FMH-K1-1/4'' 160 2.5G 25000 SL | 1 1/4" | 2.875" | 6.299" | 0.687" | 5/8"-18 UNF - 2B x 1 1/4" |
| HK0.A100.11/2z2559.FMK | HSK-A 100 FMH-K1-1/2'' 065 2.5G 25000 SL | 1 1/2" | 3.750" | 2.559" | 0.938" | 3/4"-16 UNF - 2B x 1 1/2" |
| HK0.A100.11/2z3937.FMK | HSK-A 100 FMH-K1-1/2'' 100 2.5G 25000 SL | 1 1/2" | 3.750" | 3.937" | 0.938" | 3/4"-16 UNF - 2B x 1 1/2" |
| HK0.A100.11/2z5118.FMK | HSK-A 100 FMH-K1-1/2'' 130 2.5G 25000 SL | 1 1/2" | 3.750" | 5.118" | 0.938" | 3/4"-16 UNF - 2B x 1 1/2" |
| HK0.A100.11/2z6299.FMK | HSK-A 100 FMH-K1-1/2'' 160 2.5G 25000 SL | 1 1/2" | 3.750" | 6.299" | 0.938" | 3/4"-16 UNF - 2B x 1 1/2" |

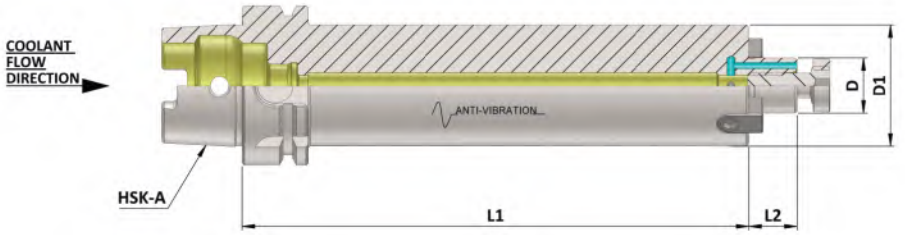
## Accessories:



FMH / CSMA
CLAMPING
SCREW

# HSK-A100 (DIN 69893 - 1)
# Face Mill Holder Anti - Vibration (FMH-K AV)

Maximum Run out of the External diameter with respect to the External Taper 0.010 mm

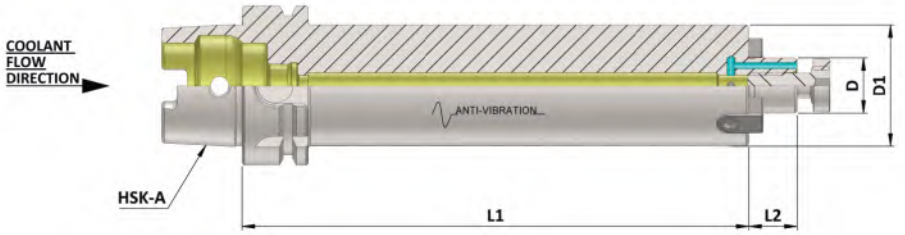



**METRIC**

| HSK-A100 (DIN 69893-1) ( FMH-K AV) | | | | | |
|---|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D** | **D1** | **L1** | **L2** |
| HK0.A100.16m200.FMV.AV | HSK-A 100 FMH-K16 200 AV SP.S | 16 | 38 | 200 | 17 |
| HK0.A100.16m250.FMV.AV | HSK-A 100 FMH-K16 250 AV SP.S | 16 | 38 | 250 | 17 |
| HK0.A100.16m300.FMV.AV | HSK-A 100 FMH-K16 300 AV SP.S | 16 | 38 | 300 | 17 |
| HK0.A100.16m350.FMV.AV | HSK-A 100 FMH-K16 350 AV SP.S | 16 | 38 | 350 | 17 |
| HK0.A100.16m400.FMV.AV | HSK-A 100 FMH-K16 400 AV SP.S | 16 | 38 | 400 | 17 |
| HK0.A100.22m200.FMV.AV | HSK-A 100 FMH-K22 200 AV SP.S | 22 | 48 | 200 | 19 |
| HK0.A100.22m250.FMV.AV | HSK-A 100 FMH-K22 250 AV SP.S | 22 | 48 | 250 | 19 |
| HK0.A100.22m300.FMV.AV | HSK-A 100 FMH-K22 300 AV SP.S | 22 | 48 | 300 | 19 |
| HK0.A100.22m350.FMV.AV | HSK-A 100 FMH-K22 350 AV SP.S | 22 | 48 | 350 | 19 |
| HK0.A100.22m400.FMV.AV | HSK-A 100 FMH-K22 400 AV SP.S | 22 | 48 | 400 | 19 |
| HK0.A100.27m200.FMV.AV | HSK-A 100 FMH-K27 200 AV SP.S | 27 | 58 | 200 | 21 |
| HK0.A100.27m250.FMV.AV | HSK-A 100 FMH-K27 250 AV SP.S | 27 | 58 | 250 | 21 |
| HK0.A100.27m300.FMV.AV | HSK-A 100 FMH-K27 300 AV SP.S | 27 | 58 | 300 | 21 |
| HK0.A100.27m350.FMV.AV | HSK-A 100 FMH-K27 350 AV SP.S | 27 | 58 | 350 | 21 |
| HK0.A100.27m400.FMV.AV | HSK-A 100 FMH-K27 400 AV SP.S | 27 | 58 | 400 | 21 |
| HK0.A100.32m200.FMV.AV | HSK-A 100 FMH-K32 200 AV SP.S | 32 | 78 | 200 | 24 |
| HK0.A100.32m250.FMV.AV | HSK-A 100 FMH-K32 250 AV SP.S | 32 | 78 | 250 | 24 |
| HK0.A100.32m300.FMV.AV | HSK-A 100 FMH-K32 300 AV SP.S | 32 | 78 | 300 | 24 |
| HK0.A100.32m350.FMV.AV | HSK-A 100 FMH-K32 350 AV SP.S | 32 | 78 | 350 | 24 |
| HK0.A100.32m400.FMV.AV | HSK-A 100 FMH-K32 400 AV SP.S | 32 | 78 | 400 | 24 |
| HK0.A100.40m200.FMV.AV | HSK-A 100 FMH-K40 200 AV SP.S | 40 | 88 | 200 | 27 |
| HK0.A100.40m250.FMV.AV | HSK-A 100 FMH-K40 250 AV SP.S | 40 | 88 | 250 | 27 |
| HK0.A100.40m300.FMV.AV | HSK-A 100 FMH-K40 300 AV SP.S | 40 | 88 | 300 | 27 |
| HK0.A100.40m350.FMV.AV | HSK-A 100 FMH-K40 350 AV SP.S | 40 | 88 | 350 | 27 |
| HK0.A100.40m400.FMV.AV | HSK-A 100 FMH-K40 400 AV SP.S | 40 | 88 | 400 | 27 |

# HSK-A100 (DIN 69893 - 1)
# Face Mill Holder Anti - Vibration (FMH-K AV)

Maximum Run out of the External diameter with respect to the External Taper 0.010 mm

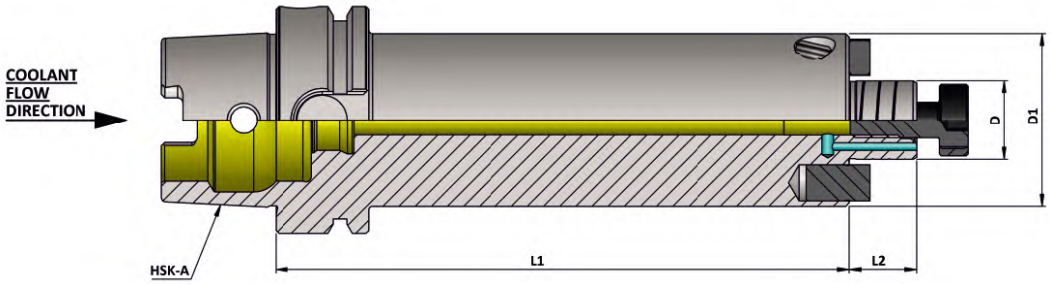



**INCH**

| HSK-A100 (DIN 69893-1) ( FMH-K AV) | | | | | |
|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 |
| HK0.A100.3/4z7874.FMV.AV | HSK-A 100 FMH-K3/4'' 200 AV | 3/4" | 2.0" | 7.874" | 0.687" |
| HK0.A100.3/4z9843.FMV.AV | HSK-A 100 FMH-K3/4'' 250 AV | 3/4" | 2.0" | 9.843" | 0.687" |
| HK0.A100.3/4z11811.FMV.AV | HSK-A 100 FMH-K3/4'' 300 AV | 3/4" | 2.0" | 11.811" | 0.687" |
| HK0.A100.3/4z1378.FMV.AV | HSK-A 100 FMH-K3/4'' 350 AV | 3/4" | 2.0" | 13.78" | 0.687" |
| HK0.A100.3/4z15748.FMV.AV | HSK-A 100 FMH-K3/4'' 400 AV | 3/4" | 2.0" | 15.748" | 0.687" |
| HK0.A100.1z7874.FMV.AV | HSK-A 100 FMH-K1.0'' 200 AV | 1.0" | 2.375" | 7.874" | 0.687" |
| HK0.A100.1z9843.FMV.AV | HSK-A 100 FMH-K1.0'' 250 AV | 1.0" | 2.375" | 9.843" | 0.687" |
| HK0.A100.1z11811.FMV.AV | HSK-A 100 FMH-K1.0'' 300 AV | 1.0" | 2.375" | 11.811" | 0.687" |
| HK0.A100.1z1378.FMV.AV | HSK-A 100 FMH-K1.0'' 350 AV | 1.0" | 2.375" | 13.78" | 0.687" |
| HK0.A100.1z15748.FMV.AV | HSK-A 100 FMH-K1.0'' 400 AV | 1.0" | 2.375" | 15.748" | 0.687" |
| HK0.A100.11/4z7874.FMV.AV | HSK-A 100 FMH-K1-1/4'' 200 AV | 1-1/4" | 2.875" | 7.874" | 0.687" |
| HK0.A100.11/4z9843.FMV.AV | HSK-A 100 FMH-K1-1/4'' 250 AV | 1-1/4" | 2.875" | 9.843" | 0.687" |
| HK0.A100.11/4z11811.FMV.AV | HSK-A 100 FMH-K1-1/4'' 300 AV | 1-1/4" | 2.875" | 11.811" | 0.687" |
| HK0.A100.11/4z1378.FMV.AV | HSK-A 100 FMH-K1-1/4'' 350 AV | 1-1/4" | 2.875" | 13.78" | 0.687" |
| HK0.A100.11/4z15748.FMV.AV | HSK-A 100 FMH-K1-1/4'' 400 AV | 1-1/4" | 2.875" | 15.748" | 0.687" |
| HK0.A100.11/2z7874.FMV.AV | HSK-A 100 FMH-K1-1/2'' 200 AV | 1-1/2" | 3.750" | 7.874" | 0.938" |
| HK0.A100.11/2z9843.FMV.AV | HSK-A 100 FMH-K1-1/2'' 250 AV | 1-1/2" | 3.750" | 9.843" | 0.938" |
| HK0.A100.11/2z11811.FMV.AV | HSK-A 100 FMH-K1-1/2'' 300 AV | 1-1/2" | 3.750" | 11.811" | 0.938" |
| HK0.A100.11/2z1378.FMV.AV | HSK-A 100 FMH-K1-1/2'' 350 AV | 1-1/2" | 3.750" | 13.78" | 0.938" |
| HK0.A100.11/2z15748.FMV.AV | HSK-A 100 FMH-K1-1/2'' 400 AV | 1-1/2" | 3.750" | 15.748" | 0.938" |

# HSK-A100 (DIN 69893-1) Hydraulic Expansio
# Face Mill Holder Anti - Vibration (HC-FMH-K)

Maximum Run out of the External diameter with respect to the External Taper 0.005 mm



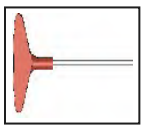

**METRIC**

| HSK-A100 (DIN 69893-1) Hydraulic Expansion Face Mill Holder (HC-FMH-K) | | | | | |
|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 |
| HK0.A100.22m55.FMH | HSK-A100HCFMH-K220552.5G25000SL | 22 | 48 | 55 | 19 |
| HK0.A100.22m100.FMH | HSK-A100HCFMH-K221002.5G25000SL | 22 | 48 | 100 | 19 |
| HK0.A100.22m160.FMH | HSK-A100HCFMH-K221602.5G25000SL | 22 | 48 | 160 | 19 |
| HK0.A100.27m55.FMH | HSK-A100HCFMH-K270552.5G25000SL | 27 | 50 | 55 | 21 |
| HK0.A100.27m100.FMH | HSK-A100HCFMH-K271002.5G25000SL | 27 | 50 | 100 | 21 |
| HK0.A100.27m160.FMH | HSK-A100HCFMH-K271602.5G25000SL | 27 | 50 | 160 | 21 |
| HK0.A100.32m60.FMH | HSK-A100HCFMH-K320602.5G25000SL | 32 | 78 | 60 | 24 |
| HK0.A100.32m100.FMH | HSK-A100HCFMH-K321002.5G25000SL | 32 | 78 | 100 | 24 |
| HK0.A100.32m160.FMH | HSK-A100HCFMH-K321602.5G25000SL | 32 | 78 | 160 | 24 |
| HK0.A100.40m65.FMH | HSK-A100HCFMH-K400652.5G25000SL | 40 | 88 | 65 | 27 |
| HK0.A100.40m100.FMH | HSK-A100HCFMH-K401002.5G25000SL | 40 | 88 | 100 | 27 |
| HK0.A100.40m160.FMH | HSK-A100HCFMH-K401602.5G25000SL | 40 | 88 | 160 | 27 |

**INCH**

| HSK-A100 (DIN 69893-1) Hydraulic Expansion Face Mill Holder (HC-FMH-K) | | | | | |
|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 |
| HK0.A100.1z2165.FMH | HSK-A 100 HC FMH-K1.0'' 055 2.5G 25000 SL | 1.0'' | 2.375" | 2.165" | 0.687" |
| HK0.A100.1z3937.FMH | HSK-A 100 HC FMH-K1.0'' 100 2.5G 25000 SL | 1.0'' | 2.375" | 3.937" | 0.687" |
| HK0.A100.1z6299.FMH | HSK-A 100 HC FMH-K1.0'' 160 2.5G 25000 SL | 1.0'' | 2.375" | 6.299" | 0.687" |
| HK0.A100.11/4z2362.FMH | HSK-A 100 HC FMH-K1 1/4'' 060 2.5G 25000 SL | 1 1/4'' | 2.875" | 2.362" | 0.027" |
| HK0.A100.11/4z3937.FMH | HSK-A 100 HC FMH-K1 1/4'' 100 2.5G 25000 SL | 1 1/4'' | 2.875" | 3.937" | 0.027" |
| HK0.A100.11/4z6299.FMH | HSK-A 100 HC FMH-K1 1/4'' 160 2.5G 25000 SL | 1 1/4'' | 2.875" | 6.299" | 0.027" |
| HK0.A100.11/2z2559.FMH | HSK-A 100 HC FMH-K1 1/2'' 065 2.5G 25000 SL | 1 1/2'' | 3.750" | 2.559" | 0.037" |
| HK0.A100.11/2z3937.FMH | HSK-A 100 HC FMH-K1 1/2'' 100 2.5G 25000 SL | 1 1/2'' | 3.750" | 3.937" | 0.037" |
| HK0.A100.11/2z6299.FMH | HSK-A 100 HC FMH-K1 1/2'' 160 2.5G 25000 SL | 1 1/2'' | 3.750" | 6.299" | 0.037" |

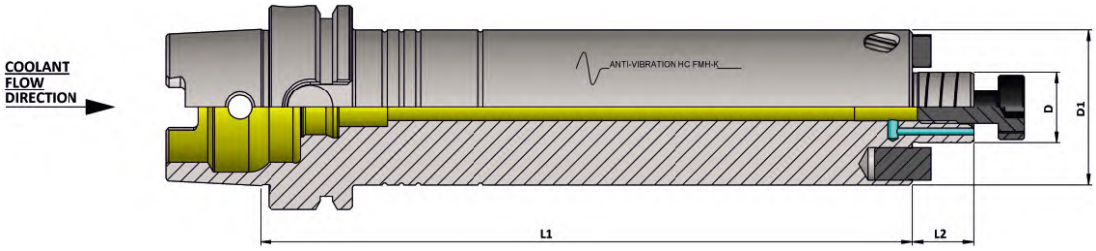
## Accessories:



KEY HC 5MM

# HSK-A100 (DIN 69893-1) Hydraulic Expansio
# Face Mill Holder Anti - Vibration (HC-FMH-K AD/AV)

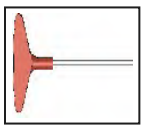
Maximum Run out of the External diameter with respect to the External Taper 0.010 mm




**METRIC**

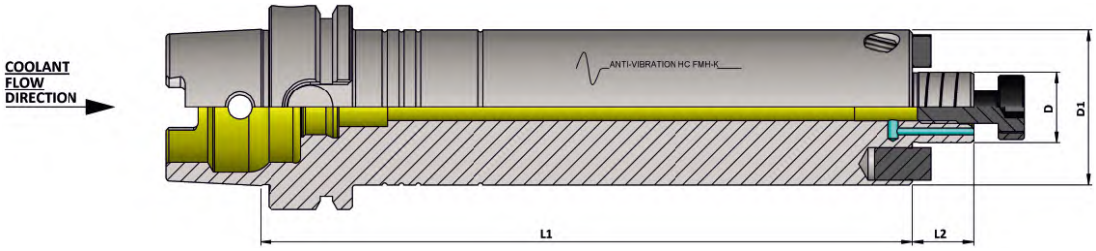
| HSK-A100 (DIN 69893-1) Hydraulic Expansion Face Mill Holder (HC-FMH-K - AD/AV) | | | | | |
|---|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D** | **D1** | **L1** | **L2** |
| HK0.A100.22m200.FKV.ADAV | HSK-A 100 HC FMH-K22 200 AD/AV | 22 | 48 | 200 | 19 |
| HK0.A100.22m250.FKV.ADAV | HSK-A 100 HC FMH-K22 250 AD/AV | 22 | 48 | 250 | 19 |
| HK0.A100.22m300.FKV.ADAV | HSK-A 100 HC FMH-K22 300 AD/AV | 22 | 48 | 300 | 19 |
| HK0.A100.22m350.FKV.ADAV | HSK-A 100 HC FMH-K22 350 AD/AV | 22 | 48 | 350 | 19 |
| HK0.A100.22m400.FKV.ADAV | HSK-A 100 HC FMH-K22 400 AD/AV | 22 | 48 | 400 | 19 |
| HK0.A100.27m200.FKV.ADAV | HSK-A 100 HC FMH-K27 200 AD/AV | 27 | 50 | 200 | 21 |
| HK0.A100.27m250.FKV.ADAV | HSK-A 100 HC FMH-K27 250 AD/AV | 27 | 50 | 250 | 21 |
| HK0.A100.27m300.FKV.ADAV | HSK-A 100 HC FMH-K27 300 AD/AV | 27 | 50 | 300 | 21 |
| HK0.A100.27m350.FKV.ADAV | HSK-A 100 HC FMH-K27 350 AD/AV | 27 | 50 | 350 | 21 |
| HK0.A100.27m400.FKV.ADAV | HSK-A 100 HC FMH-K27 400 AD/AV | 27 | 50 | 400 | 21 |
| HK0.A100.32m200.FKV.ADAV | HSK-A 100 HC FMH-K32 200 AD/AV | 32 | 78 | 200 | 24 |
| HK0.A100.32m250.FKV.ADAV | HSK-A 100 HC FMH-K32 250 AD/AV | 32 | 78 | 250 | 24 |
| HK0.A100.32m300.FKV.ADAV | HSK-A 100 HC FMH-K32 300 AD/AV | 32 | 78 | 300 | 24 |
| HK0.A100.32m350.FKV.ADAV | HSK-A 100 HC FMH-K32 350 AD/AV | 32 | 78 | 350 | 24 |
| HK0.A100.32m400.FKV.ADAV | HSK-A 100 HC FMH-K32 400 AD/AV | 32 | 78 | 400 | 24 |
| HK0.A100.40m200.FKV.ADAV | HSK-A 100 HC FMH-K40 200 AD/AV | 40 | 88 | 200 | 27 |
| HK0.A100.40m250.FKV.ADAV | HSK-A 100 HC FMH-K40 250 AD/AV | 40 | 88 | 250 | 27 |
| HK0.A100.40m300.FKV.ADAV | HSK-A 100 HC FMH-K40 300 AD/AV | 40 | 88 | 300 | 27 |
| HK0.A100.40m350.FKV.ADAV | HSK-A 100 HC FMH-K40 350 AD/AV | 40 | 88 | 350 | 27 |
| HK0.A100.40m400.FKV.ADAV | HSK-A 100 HC FMH-K40 400 AD/AV | 40 | 88 | 400 | 27 |

## Accessories:



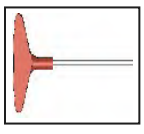
KEY HC 5MM

Maximum Run out of the External diameter with respect to the External Taper 0.010 mm



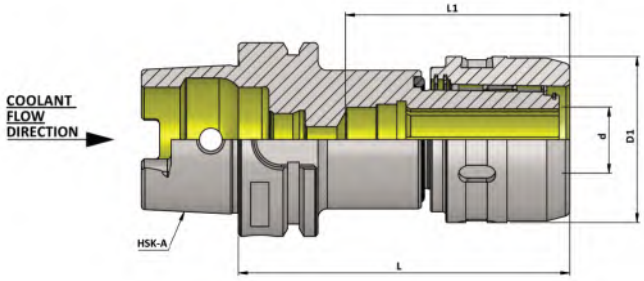

| HSK-A100 (DIN 69893-1) Hydraulic Expansion Face Mill Holder (HC-FMH-K - AD/AV) | | | | | |
|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 |
| HK0.A100.1z7874.FKV.ADAV | HSK-A 100 HC FMH-K1.0'' 200 AD/AV | 1.0'' | 2.375" | 7.874" | 0.687" |
| HK0.A100.1z9843.FKV.ADAV | HSK-A 100 HC FMH-K1.0'' 250 AD/AV | 1.0'' | 2.375" | 9.843" | 0.687" |
| HK0.A100.1z11811.FKV.ADAV | HSK-A 100 HC FMH-K1.0'' 300 AD/AV | 1.0'' | 2.375" | 11.811" | 0.687" |
| HK0.A100.1z13780.FKV.ADAV | HSK-A 100 HC FMH-K1.0'' 350 AD/AV | 1.0'' | 2.375" | 13.780" | 0.687" |
| HK0.A100.1z15748.FKV.ADAV | HSK-A 100 HC FMH-K1.0'' 400 AD/AV | 1.0'' | 2.375" | 15.748" | 0.687" |
| HK0.A100.11/4z7874.FKV.ADAV | HSK-A 100 HC FMH-K1 1/4'' 200 AD/AV | 1 1/4'' | 2.875" | 7.874" | 0.687" |
| HK0.A100.11/4z9843.FKV.ADAV | HSK-A 100 HC FMH-K1 1/4'' 250 AD/AV | 1 1/4'' | 2.875" | 9.843" | 0.687" |
| HK0.A100.11/4z11811.FKV.ADAV | HSK-A 100 HC FMH-K1 1/4'' 300 AD/AV | 1 1/4'' | 2.875" | 11.811" | 0.687" |
| HK0.A100.11/4z1378.FKV.ADAV | HSK-A 100 HC FMH-K1 1/4'' 350 AD/AV | 1 1/4'' | 2.875" | 13.78" | 0.687" |
| HK0.A100.11/4z15748.FKV.ADAV | HSK-A 100 HC FMH-K1 1/4'' 400 AD/AV | 1 1/4'' | 2.875" | 15.748" | 0.687" |
| HK0.A100.11/2z7874.FKV.ADAV | HSK-A 100 HC FMH-K1 1/2'' 200 AD/AV | 1 1/2'' | 3.750" | 7.874" | 0.938" |
| HK0.A100.11/2z9843.FKV.ADAV | HSK-A 100 HC FMH-K1 1/2'' 250 AD/AV | 1 1/2'' | 3.750" | 9.843" | 0.938" |
| HK0.A100.11/2z11811.FKV.ADAV | HSK-A 100 HC FMH-K1 1/2'' 300 AD/AV | 1 1/2'' | 3.750" | 11.811" | 0.938" |
| HK0.A100.11/2z1378.FKV.ADAV | HSK-A 100 HC FMH-K1 1/2'' 350 AD/AV | 1 1/2'' | 3.750" | 13.78" | 0.938" |
| HK0.A100.11/2z15748.FKV.ADAV | HSK-A 100 HC FMH-K1 1/2'' 400 AD/AV | 1 1/2'' | 3.750" | 15.748" | 0.938" |
| HK0.A100.40m200.FKV.ADAV | HSK-A 100 HC FMH-K40 200 AD/AV | 40 | 88 | 200 | 27 |
| HK0.A100.40m250.FKV.ADAV | HSK-A 100 HC FMH-K40 250 AD/AV | 40 | 88 | 250 | 27 |
| HK0.A100.40m300.FKV.ADAV | HSK-A 100 HC FMH-K40 300 AD/AV | 40 | 88 | 300 | 27 |
| HK0.A100.40m350.FKV.ADAV | HSK-A 100 HC FMH-K40 350 AD/AV | 40 | 88 | 350 | 27 |
| HK0.A100.40m400.FKV.ADAV | HSK-A 100 HC FMH-K40 400 AD/AV | 40 | 88 | 400 | 27 |

## Accessories:



KEY HC 5MM

Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm




**METRIC**

| HSK-A100 (DIN 69893 - 1) (PMC) | | | | | (Balanced to 6.3G 20000 RPM) |
|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | L | L1 |
| HK0.A100.20m110.PMC.AD | HSK-A 100 C20 110 AD/6.3G 20000 SL | 20 | 54 | 110 | 70 |
| HK0.A100.32m135.PMC.AD | HSK-A 100 C32 135 AD/6.3G 20000 SL | 32 | 72 | 135 | 100 |

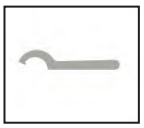
**INCH**

| HSK-A100 (DIN 69893 - 1) (PMC) | | | | | (Balanced to 6.3G 20000 RPM) |
|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | L | L1 |
| HK0.A100.3/4z4331.PMC.AD | HSK-A100C3/4''110AD/6.3G20000SL | 3/4" | 2.126" | 4.331" | 2.756" |
| HK0.A100.11/4z5315.PMC.AD | HSK-A100C11/4''135AD/6.3G20000SL | 1-1/4" | 2.835" | 5.315" | 3.937" |

## Accessories:

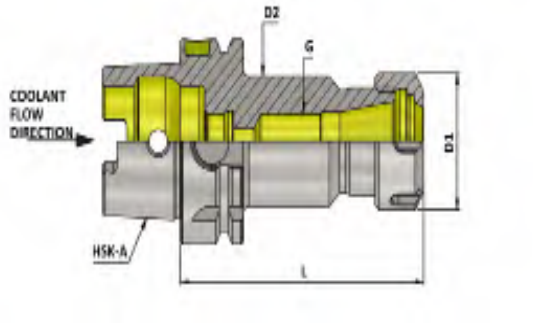


RS SEAL SLEEVE



POWER CHUCK SPANNER

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-A100 32 (DIN 69893 - 1) Collet Chuck ER | | | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Suitable Collet | Collet Capacity | D1 | D2 | G | L | Nut | Spanner |
| HK0.A100.42m100.ERS | HSK-A 100 ER 25 100 2.5G 25000 SL | ER 25 | 1.0-16 | 42 | 40 | M18x1 | 100 | UM/ER 25 | E25 |
| HK0.A100.42m160.ERS | HSK-A 100 ER 25 160 2.5G 25000 SL | ER 25 | 1.0-16 | 42 | 40 | M18x1 | 160 | UM/ER 25 | E25 |
| HK0.A100.50m100.ERS | HSK-A 100 ER 32 100 2.5G 25000 SL | ER 32 | 2.0-20 | 50 | 45 | M22X1.5 | 100 | UM/ER 32 | E32 |
| HK0.A100.50m160.ERS | HSK-A 100 ER 32 160 2.5G 25000 SL | ER 32 | 2.0-20 | 50 | 45 | M22X1.5 | 160 | UM/ER 32 | E32 |
| HK0.A100.63m120.ERS | HSK-A 100 ER 40 120 2.5G 25000 SL | ER 40 | 3.0-26 | 63 | 60 | M30x1.5 | 120 | UM/ER 40 | E40 |
| HK0.A100.63m160.ERS | HSK-A 100 ER 40 160 2.5G 25000 SL | ER 40 | 3.0-26 | 63 | 60 | M30x1.5 | 160 | UM/ER 40 | E40 |

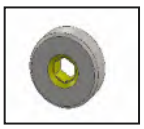
## Accessories:


ER COLLET (DIN 6499)

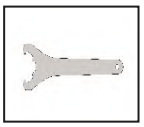

TAP COLLET ER-G


QC TAP COLLET QCTC


ER NUT

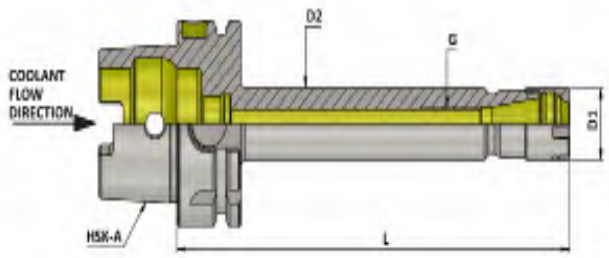

ER STOPPER SCREW


SEALING DISC


SPANNER E

# HSK-A100 (DIN 69893 - 1)
# Collet Chuck ER-M Type (DIN 6499)

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-A100 (DIN 69893 - 1) Collet Chuck ER-M Type | | | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Suitable Collet | Collet Capacity | D1 | D2 | G | L | Nut | Spanner |
| HK0.A100.22m100.ERM | HSK-A100ER16M1002.5G25000SL | ER 16 | 0.5-10 | 22 | 22 | M10x1P | 100 | ER16M | E16M |

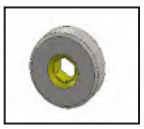
## Accessories:


ER COLLET (DIN 6499)


TAP COLLET ER-G


QC TAP COLLET QCTC


ER M NUT

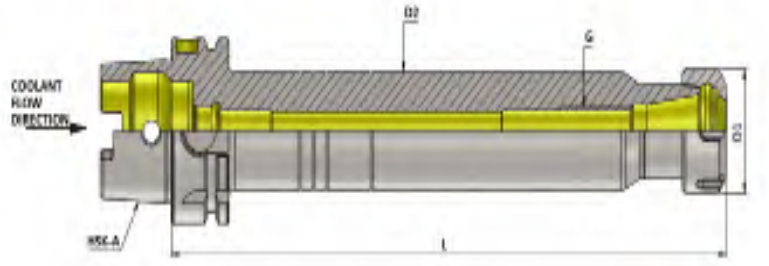

ER STOPPER SCREW


SEALING DISC


ERM SPANNER

# HSK-A100 (DIN 69893 - 1)
# Collet Chuck ER Long Series (DIN 6499) (AD)

Maximum Run out of the Internal Taper with respect to the External Taper 0.010 mm as supplied




**METRIC**

**HSK-A100 (DIN 69893 - 1) Collet Chuck ER (AD)**

| PRODUCT CODE | Item Name | Suitable Collet | Collet Capacity | D1 | D2 | G | L | Suitable Nut | Suitable Spanner |
|---|---|---|---|---|---|---|---|---|---|
| HK0.A100.32m200.ERL.AD | HSK-A 100 ER 16 200 AD | ER 16 | 0.5-10 | 32 | 30 | M10 x 1.5P | 200 | UM/ER16 | E16 |
| HK0.A100.32m250.ERL.AD | HSK-A 100 ER 16 250 AD | ER 16 | 0.5-10 | 32 | 30 | M10 x 1.5P | 250 | UM/ER16 | E16 |
| HK0.A100.32m300.ERL.AD | HSK-A 100 ER 16 300 AD | ER 16 | 0.5-10 | 32 | 30 | M10 x 1.5P | 300 | UM/ER16 | E16 |
| HK0.A100.32m350.ERL.AD | HSK-A 100 ER 16 350 AD | ER 16 | 0.5-10 | 32 | 30 | M10 x 1.5P | 350 | UM/ER16 | E16 |
| HK0.A100.32m400.ERL.AD | HSK-A 100 ER 16 400 AD | ER 16 | 0.5-10 | 32 | 30 | M10 x 1.5P | 400 | UM/ER16 | E16 |
| HK0.A100.35m200.ERL.AD | HSK-A 100 ER 20 200 AD | ER 20 | 1.0-13 | 35 | 34 | M10 x 1.5P | 200 | UM/ER20 | E20 |
| HK0.A100.35m250.ERL.AD | HSK-A 100 ER 20 250 AD | ER 20 | 1.0-13 | 35 | 34 | M10 x 1.5P | 250 | UM/ER20 | E20 |
| HK0.A100.35m300.ERL.AD | HSK-A 100 ER 20 300 AD | ER 20 | 1.0-13 | 35 | 34 | M10 x 1.5P | 300 | UM/ER20 | E20 |
| HK0.A100.35m350.ERL.AD | HSK-A 100 ER 20 350 AD | ER 20 | 1.0-13 | 35 | 34 | M10 x 1.5P | 350 | UM/ER20 | E20 |
| HK0.A100.35m400.ERL.AD | HSK-A 100 ER 20 400 AD | ER 20 | 1.0-13 | 35 | 34 | M10 x 1.5P | 400 | UM/ER20 | E20 |
| HK0.A100.42m200.ERL.AD | HSK-A 100 ER 25 200 AD | ER 25 | 1.0-16 | 42 | 40 | M16 x 2P | 200 | UM/ER25 | E25 |
| HK0.A100.42m250.ERL.AD | HSK-A 100 ER 25 250 AD | ER 25 | 1.0-16 | 42 | 40 | M16 x 2P | 250 | UM/ER25 | E25 |
| HK0.A100.42m300.ERL.AD | HSK-A 100 ER 25 300 AD | ER 25 | 1.0-16 | 42 | 40 | M16 x 2P | 300 | UM/ER25 | E25 |
| HK0.A100.42m350.ERL.AD | HSK-A 100 ER 25 350 AD | ER 25 | 1.0-16 | 42 | 40 | M16 x 2P | 350 | UM/ER25 | E25 |
| HK0.A100.42m400.ERL.AD | HSK-A 100 ER 25 400 AD | ER 25 | 1.0-16 | 42 | 40 | M16 x 2P | 400 | UM/ER25 | E25 |
| HK0.A100.50m200.ERL.AD | HSK-A 100 ER 32 200 AD | ER 32 | 2.0-20 | 50 | 48 | M16 x 2P | 200 | UM/ER32 | E32 |
| HK0.A100.50m250.ERL.AD | HSK-A 100 ER 32 250 AD | ER 32 | 2.0-20 | 50 | 48 | M16 x 2P | 250 | UM/ER32 | E32 |
| HK0.A100.50m300.ERL.AD | HSK-A 100 ER 32 300 AD | ER 32 | 2.0-20 | 50 | 48 | M16 x 2P | 300 | UM/ER32 | E32 |
| HK0.A100.50m350.ERL.AD | HSK-A 100 ER 32 350 AD | ER 32 | 2.0-20 | 50 | 48 | M16 x 2P | 350 | UM/ER32 | E32 |
| HK0.A100.50m400.ERL.AD | HSK-A 100 ER 32 400 AD | ER 32 | 2.0-20 | 50 | 48 | M16 x 2P | 400 | UM/ER32 | E32 |
| HK0.A100.63m200.ERL.AD | HSK-A 100 ER 40 200 AD | ER 40 | 3.0-26 | 63 | 60 | M16 x 2P | 200 | UM/ER40 | E40 |
| HK0.A100.63m250.ERL.AD | HSK-A 100 ER 40 250 AD | ER 40 | 3.0-26 | 63 | 60 | M16 x 2P | 250 | UM/ER40 | E40 |
| HK0.A100.63m300.ERL.AD | HSK-A 100 ER 40 300 AD | ER 40 | 3.0-26 | 63 | 60 | M16 x 2P | 300 | UM/ER40 | E40 |
| HK0.A100.63m350.ERL.AD | HSK-A 100 ER 40 350 AD | ER 40 | 3.0-26 | 63 | 60 | M16 x 2P | 350 | UM/ER40 | E40 |
| HK0.A100.63m400.ERL.AD | HSK-A 100 ER 40 400 AD | ER 40 | 3.0-26 | 63 | 60 | M16 x 2P | 400 | UM/ER40 | E40 |

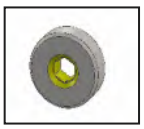
## Accessories:


ER COLLET (DIN 6499)

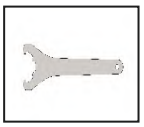

TAP COLLET ER-G


QC TAP COLLET QCTC


ER NUT

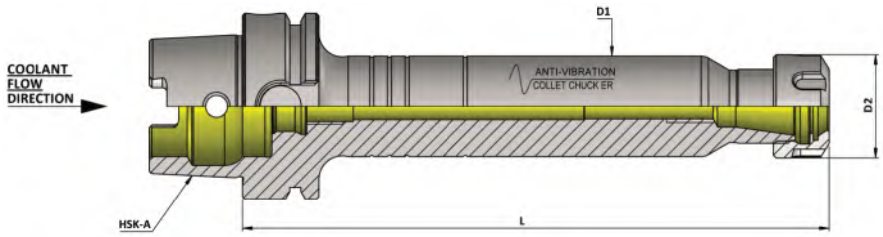

ER STOPPER SCREW


SEALING DISC


SPANNER E

# HSK-A100 (DIN 69893 - 1)
# Collet Chuck ER Anti - vibration (ER AV)

Maximum Run out of the Internal Taper with respect to the External Taper 0.010 mm




**METRIC**

**HSK-A100 (DIN 69893-1) ( ER - AV)**

| PRODUCT CODE | ITEM NAME | Suitable Collet | Collet Capacity | D1 | D2 | L | Suitable Nut | Suitable Spanner |
|---|---|---|---|---|---|---|---|---|
| HK0.A100.30m200.ERV.AV | HSK-A 100 ER 16 200 AV | ER 16 | 0.5-10 | 30 | 32 | 200 | UM/ER16 | E16 |
| HK0.A100.30m250.ERV.AV | HSK-A 100 ER 16 250 AV | ER 16 | 0.5-10 | 30 | 32 | 250 | UM/ER16 | E16 |
| HK0.A100.30m300.ERV.AV | HSK-A 100 ER 16 300 AV | ER 16 | 0.5-10 | 30 | 32 | 300 | UM/ER16 | E16 |
| HK0.A100.30m350.ERV.AV | HSK-A 100 ER 16 350 AV | ER 16 | 0.5-10 | 30 | 32 | 350 | UM/ER16 | E16 |
| HK0.A100.30m400.ERV.AV | HSK-A 100 ER 16 400 AV | ER 16 | 0.5-10 | 30 | 32 | 400 | UM/ER16 | E16 |
| HK0.A100.34m200.ERV.AV | HSK-A 100 ER 20 200 AV | ER 20 | 1.0-13 | 34 | 35 | 200 | UM/ER20 | E20 |
| HK0.A100.34m250.ERV.AV | HSK-A 100 ER 20 250 AV | ER 20 | 1.0-13 | 34 | 35 | 250 | UM/ER20 | E20 |
| HK0.A100.34m300.ERV.AV | HSK-A 100 ER 20 300 AV | ER 20 | 1.0-13 | 34 | 35 | 300 | UM/ER20 | E20 |
| HK0.A100.34m350.ERV.AV | HSK-A 100 ER 20 350 AV | ER 20 | 1.0-13 | 34 | 35 | 350 | UM/ER20 | E20 |
| HK0.A100.34m400.ERV.AV | HSK-A 100 ER 20 400 AV | ER 20 | 1.0-13 | 34 | 35 | 400 | UM/ER20 | E20 |
| HK0.A100.40m200.ERV.AV | HSK-A 100 ER 25 200 AV | ER 25 | 1.0-16 | 40 | 42 | 200 | UM/ER25 | E25 |
| HK0.A100.40m250.ERV.AV | HSK-A 100 ER 25 250 AV | ER 25 | 1.0-16 | 40 | 42 | 250 | UM/ER25 | E25 |
| HK0.A100.40m300.ERV.AV | HSK-A 100 ER 25 300 AV | ER 25 | 1.0-16 | 40 | 42 | 300 | UM/ER25 | E25 |
| HK0.A100.40m350.ERV.AV | HSK-A 100 ER 25 350 AV | ER 25 | 1.0-16 | 40 | 42 | 350 | UM/ER25 | E25 |
| HK0.A100.40m400.ERV.AV | HSK-A 100 ER 25 400 AV | ER 25 | 1.0-16 | 40 | 42 | 400 | UM/ER25 | E25 |
| HK0.A100.48m200.ERV.AV | HSK-A 100 ER 32 200 AV | ER 32 | 2.0-20 | 48 | 50 | 200 | UM/ER32 | E32 |
| HK0.A100.48m250.ERV.AV | HSK-A 100 ER 32 250 AV | ER 32 | 2.0-20 | 48 | 50 | 250 | UM/ER32 | E32 |
| HK0.A100.48m300.ERV.AV | HSK-A 100 ER 32 300 AV | ER 32 | 2.0-20 | 48 | 50 | 300 | UM/ER32 | E32 |
| HK0.A100.48m350.ERV.AV | HSK-A 100 ER 32 350 AV | ER 32 | 2.0-20 | 48 | 50 | 350 | UM/ER32 | E32 |
| HK0.A100.48m400.ERV.AV | HSK-A 100 ER 32 400 AV | ER 32 | 2.0-20 | 48 | 50 | 400 | UM/ER32 | E32 |
| HK0.A100.60m200.ERV.AV | HSK-A 100 ER 40 200 AV | ER 40 | 3.0-26 | 60 | 63 | 200 | UM/ER40 | E40 |
| HK0.A100.60m250.ERV.AV | HSK-A 100 ER 40 250 AV | ER 40 | 3.0-26 | 60 | 63 | 250 | UM/ER40 | E40 |
| HK0.A100.60m300.ERV.AV | HSK-A 100 ER 40 300 AV | ER 40 | 3.0-26 | 60 | 63 | 300 | UM/ER40 | E40 |
| HK0.A100.60m350.ERV.AV | HSK-A 100 ER 40 350 AV | ER 40 | 3.0-26 | 60 | 63 | 350 | UM/ER40 | E40 |
| HK0.A100.60m400.ERV.AV | HSK-A 100 ER 40 400 AV | ER 40 | 3.0-26 | 60 | 63 | 400 | UM/ER40 | E40 |

## Accessories:

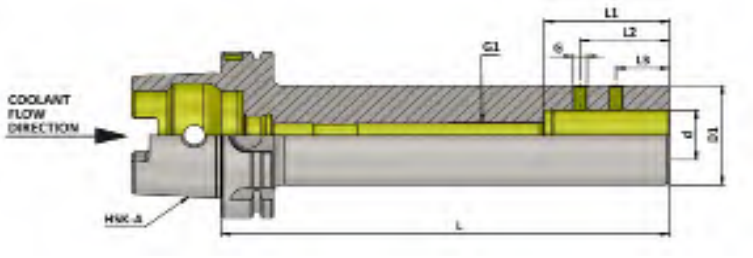

ER COLLET


ER SLOTTED NUT


ER SPANNER

# HSK-A100 (DIN 69893 - 1)
# Side Lock Adaptor Long Series (SLA) (AD)

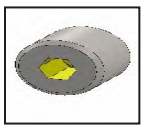
Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm as supplied




**METRIC**

| HSK-A100 (DIN 69893 - 1) Side Lock Adaptor Long Series (SLA) (AD) (JD) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | G | G1 | L | L1 (ID) | L2(2nd Tap) | L3(1st tap) | SCREW QTY. |
| HK0.A100.16m200.SLS.AD | HSK-A 100 SLA16 200 AD | 16 | 48 | M14 | M12 | 200 | 57 | – | 23.50 | 1 |
| HK0.A100.16m250.SLS.AD | HSK-A 100 SLA16 250 AD | 16 | 48 | M14 | M12 | 250 | 57 | – | 23.50 | 1 |
| HK0.A100.16m300.SLS.AD | HSK-A 100 SLA16 300 AD | 16 | 48 | M14 | M12 | 300 | 57 | – | 23.50 | 1 |
| HK0.A100.16m350.SLS.AD | HSK-A 100 SLA16 350 AD | 16 | 48 | M14 | M12 | 350 | 57 | – | 23.50 | 1 |
| HK0.A100.16m400.SLS.AD | HSK-A 100 SLA16 400 AD | 16 | 48 | M14 | M12 | 400 | 57 | – | 23.50 | 1 |
| HK0.A100.20m200.SLS.AD | HSK-A 100 SLA20 200 AD | 20 | 50 | M10 | M16 | 200 | 70 | 45 | 25 | 2 |
| HK0.A100.20m250.SLS.AD | HSK-A 100 SLA20 250 AD | 20 | 50 | M10 | M16 | 250 | 70 | 45 | 25 | 2 |
| HK0.A100.20m300.SLS.AD | HSK-A 100 SLA20 300 AD | 20 | 50 | M10 | M16 | 300 | 70 | 45 | 25 | 2 |
| HK0.A100.20m350.SLS.AD | HSK-A 100 SLA20 350 AD | 20 | 50 | M10 | M16 | 350 | 70 | 45 | 25 | 2 |
| HK0.A100.20m400.SLS.AD | HSK-A 100 SLA20 400 AD | 20 | 50 | M10 | M16 | 400 | 70 | 45 | 25 | 2 |
| HK0.A100.25m200.SLS.AD | HSK-A 100 SLA25 200 AD | 25 | 50 | M10 | M16 | 200 | 70 | 45 | 25 | 2 |
| HK0.A100.25m250.SLS.AD | HSK-A 100 SLA25 250 AD | 25 | 50 | M10 | M16 | 250 | 70 | 45 | 25 | 2 |
| HK0.A100.25m300.SLS.AD | HSK-A 100 SLA25 300 AD | 25 | 50 | M10 | M16 | 300 | 70 | 45 | 25 | 2 |
| HK0.A100.25m350.SLS.AD | HSK-A 100 SLA25 350 AD | 25 | 50 | M10 | M16 | 350 | 70 | 45 | 25 | 2 |
| HK0.A100.25m400.SLS.AD | HSK-A 100 SLA25 400 AD | 25 | 50 | M10 | M16 | 400 | 70 | 45 | 25 | 2 |
| HK0.A100.32m200.SLS.AD | HSK-A 100 SLA32 200 AD | 32 | 60 | M10 | M16 | 200 | 70 | 50 | 30 | 2 |
| HK0.A100.32m250.SLS.AD | HSK-A 100 SLA32 250 AD | 32 | 60 | M10 | M16 | 250 | 70 | 50 | 30 | 2 |
| HK0.A100.32m300.SLS.AD | HSK-A 100 SLA32 300 AD | 32 | 60 | M10 | M16 | 300 | 70 | 50 | 30 | 2 |
| HK0.A100.32m350.SLS.AD | HSK-A 100 SLA32 350 AD | 32 | 60 | M10 | M16 | 350 | 70 | 50 | 30 | 2 |
| HK0.A100.32m400.SLS.AD | HSK-A 100 SLA32 400 AD | 32 | 60 | M10 | M16 | 400 | 70 | 50 | 30 | 2 |
| HK0.A100.40m200.SLS.AD | HSK-A 100 SLA40 200 AD | 40 | 60 | M10 | M16 | 200 | 70 | 50 | 30 | 2 |
| HK0.A100.40m250.SLS.AD | HSK-A 100 SLA40 250 AD | 40 | 60 | M10 | M16 | 250 | 70 | 50 | 30 | 2 |
| HK0.A100.40m300.SLS.AD | HSK-A 100 SLA40 300 AD | 40 | 60 | M10 | M16 | 300 | 70 | 50 | 30 | 2 |
| HK0.A100.40m350.SLS.AD | HSK-A 100 SLA40 350 AD | 40 | 60 | M10 | M16 | 350 | 70 | 50 | 30 | 2 |
| HK0.A100.40m400.SLS.AD | HSK-A 100 SLA40 400 AD | 40 | 60 | M10 | M16 | 400 | 70 | 50 | 30 | 2 |

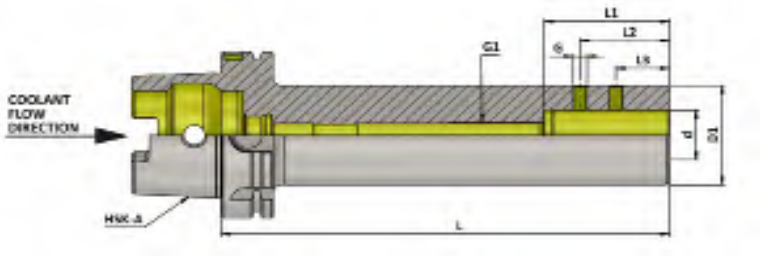
## Accessories:



LOCKING
SCREW SLA

# HSK-A100 (DIN 69893 - 1)
# Side Lock Adaptor Long Series (SLA) (AD)

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm

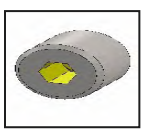



**INCH**

**HSK-A100 (DIN 69893 - 1) Side Lock Adaptor Long Series (SLA) (AD) (JD)**

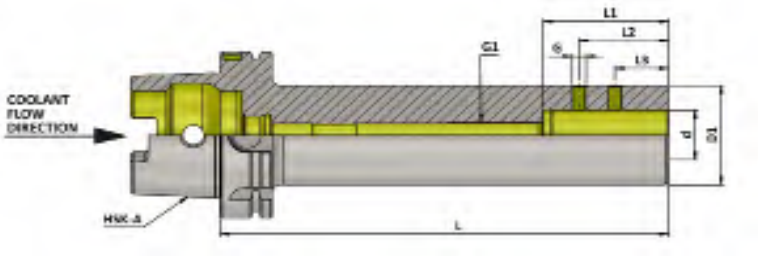
| PRODUCT CODE | ITEM NAME | d | D1 | G | G1 | L | L1(ID) | L2 (2nd Tap) | L3 (1st Tap) | SCREW QTY. |
|---|---|---|---|---|---|---|---|---|---|---|
| HK0.A100.5/8z7874.SLS.AD | HSK-A 100 SLA5/8'' 200 AD | 5/8" | 1.89" | 1/2"20UNFx7/16" | M12 | 7.874" | 2.244" | – | 0.937" | 0.039" |
| HK0.A100.5/8z9843.SLS.AD | HSK-A 100 SLA5/8'' 250 AD | 5/8" | 1.89" | 1/2"20UNFx7/16" | M12 | 9.843" | 2.244" | – | 0.937" | 0.039" |
| HK0.A100.5/8z11811.SLS.AD | HSK-A 100 SLA5/8'' 300 AD | 5/8" | 1.89" | 1/2"20UNFx7/16" | M12 | 11.811" | 2.244" | – | 0.937" | 0.039" |
| HK0.A100.5/8z1378.SLS.AD | HSK-A 100 SLA5/8'' 350 AD | 5/8" | 1.89" | 1/2"20UNFx7/16" | M12 | 13.78" | 2.244" | – | 0.937" | 0.039" |
| HK0.A100.5/8z15748.SLS.AD | HSK-A 100 SLA5/8'' 400 AD | 5/8" | 1.89" | 1/2"20UNFx7/16" | M12 | 15.748" | 2.244" | – | 0.937" | 0.039" |
| HK0.A100.3/4z7874.SLS.AD | HSK-A 100 SLA3/4'' 200 AD | 3/4" | 1.969" | 5/8"18UNFx1/2" | M16 | 7.874" | 2.323" | – | 1.00" | 0.039" |
| HK0.A100.3/4z9843.SLS.AD | HSK-A 100 SLA3/4'' 250 AD | 3/4" | 1.969" | 5/8"18UNFx1/2" | M16 | 9.843" | 2.323" | – | 1.00" | 0.039" |
| HK0.A100.3/4z11811.SLS.AD | HSK-A 100 SLA3/4'' 300 AD | 3/4" | 1.969" | 5/8"18UNFx1/2" | M16 | 11.811" | 2.323" | – | 1.00" | 0.039" |
| HK0.A100.3/4z1378.SLS.AD | HSK-A 100 SLA3/4'' 350 AD | 3/4" | 1.969" | 5/8"18UNFx1/2" | M16 | 13.78" | 2.323" | – | 1.00" | 0.039" |
| HK0.A100.3/4z15748.SLS.AD | HSK-A 100 SLA3/4'' 400 AD | 3/4" | 1.969" | 5/8"18UNFx1/2" | M16 | 15.748" | 2.323" | – | 1.00" | 0.039" |
| HK0.A100.1z7874.SLS.AD | HSK-A 100 SLA1.0'' 200 AD | 1.0" | 1.969" | 3/4"16UNFx1/2" | M16 | 7.874" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.1z9843.SLS.AD | HSK-A 100 SLA1.0'' 250 AD | 1.0" | 1.969" | 3/4"16UNFx1/2" | M16 | 9.843" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.1z11811.SLS.AD | HSK-A 100 SLA1.0'' 300 AD | 1.0" | 1.969" | 3/4"16UNFx1/2" | M16 | 11.811" | 2.953" | 2.125" | 1.125" | 0.079" |

## Accessories:



LOCKING
SCREW SLA

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm

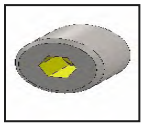



**INCH**

**HSK-A100 (DIN 69893 - 1) Side Lock Adaptor Long Series (SLA) (AD) (JD)**

| PRODUCT CODE | ITEM NAME | d | D1 | G | G1 | L | L1(ID) | L2 (2nd Tap) | L3 (1st Tap) | SCREW QTY. |
|---|---|---|---|---|---|---|---|---|---|---|
| HK0.A100.1z1378.SLS.AD | HSK-A 100 SLA1.0'' 350 AD | 1.0" | 1.969" | 3/4"16UNFx1/2" | M16 | 13.78" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.1z15748.SLS.AD | HSK-A 100 SLA1.0'' 400 AD | 1.0" | 1.969" | 3/4"16UNFx1/2" | M16 | 15.748" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.11/4z7874.SLS.AD | HSK-A 100 SLA1 1/4'' 200 AD | 1-1/4" | 2.362" | 3/4"16UNFx1/2" | M16 | 7.874" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.11/4z9843.SLS.AD | HSK-A 100 SLA1 1/4'' 250 AD | 1-1/4" | 2.362" | 3/4"16UNFx1/2" | M16 | 9.843" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.11/4z11811.SLS.AD | HSK-A 100 SLA1 1/4'' 300 AD | 1-1/4" | 2.362" | 3/4"16UNFx1/2" | M16 | 11.811" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.11/4z1378.SLS.AD | HSK-A 100 SLA1 1/4'' 350 AD | 1-1/4" | 2.362" | 3/4"16UNFx1/2" | M16 | 13.78" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.11/4z15748.SLS.AD | HSK-A 100 SLA1 1/4'' 400 AD | 1-1/4" | 2.362" | 3/4"16UNFx1/2" | M16 | 15.748" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.11/2z7874.SLS.AD | HSK-A 100 SLA1 1/2'' 200 AD | 1-1/2" | 2.362" | 3/4"16UNFx1/2" | M16 | 7.874" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.11/2z9843.SLS.AD | HSK-A 100 SLA1 1/2'' 250 AD | 1-1/2" | 2.362" | 3/4"16UNFx1/2" | M16 | 9.843" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.11/2z11811.SLS.AD | HSK-A 100 SLA1 1/2'' 300 AD | 1-1/2" | 2.362" | 3/4"16UNFx1/2" | M16 | 11.811" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.11/2z1378.SLS.AD | HSK-A 100 SLA1 1/2'' 350 AD | 1-1/2" | 2.362" | 3/4"16UNFx1/2" | M16 | 13.78" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.11/2z15748.SLS.AD | HSK-A 100 SLA1 1/2'' 400 AD | 1-1/2" | 2.362" | 3/4"16UNFx1/2" | M16 | 15.748" | 2.953" | 2.125" | 1.125" | 0.079" |

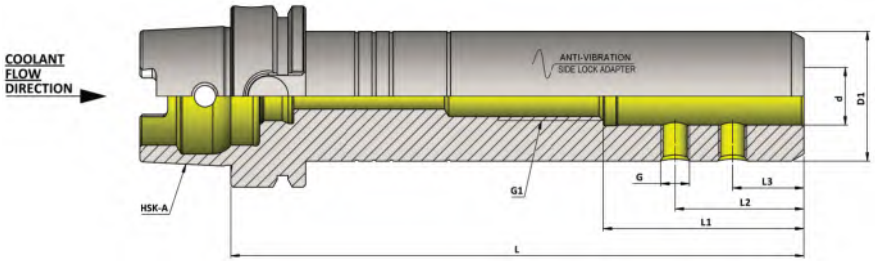
## Accessories:



LOCKING
SCREW SLA

# HSK-A100 (DIN 69893 - 1)
# Side Lock Adaptor Anti - Vibration (SLA - AV)

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm

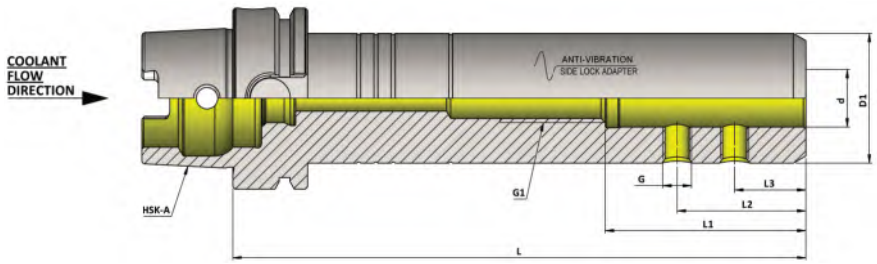



**METRIC**

**HSK-A100 (DIN 69893-1) ( SLA - AV)**

| PRODUCT CODE | ITEM NAME | d | D1 | G | G1 | L | L1 | L2 | L3 | SCREW QTY. |
|---|---|---|---|---|---|---|---|---|---|---|
| HK0.A100.16m200.SLV.AV | HSK-A 100 SLA16 200 AV | 16 | 48 | M14 | M12 | 200 | 57 | – | 23.50 | 1 |
| HK0.A100.16m250.SLV.AV | HSK-A 100 SLA16 250 AV | 16 | 48 | M14 | M12 | 250 | 57 | – | 23.50 | 1 |
| HK0.A100.16m300.SLV.AV | HSK-A 100 SLA16 300 AV | 16 | 48 | M14 | M12 | 300 | 57 | – | 23.50 | 1 |
| HK0.A100.16m350.SLV.AV | HSK-A 100 SLA16 350 AV | 16 | 48 | M14 | M12 | 350 | 57 | – | 23.50 | 1 |
| HK0.A100.16m400.SLV.AV | HSK-A 100 SLA16 400 AV | 16 | 48 | M14 | M12 | 400 | 57 | – | 23.50 | 1 |
| HK0.A100.20m200.SLV.AV | HSK-A 100 SLA20 200 AV | 20 | 50 | M10 | M16 | 200 | 70 | 45 | 25 | 2 |
| HK0.A100.20m250.SLV.AV | HSK-A 100 SLA20 250 AV | 20 | 50 | M10 | M16 | 250 | 70 | 45 | 25 | 2 |
| HK0.A100.20m300.SLV.AV | HSK-A 100 SLA20 300 AV | 20 | 50 | M10 | M16 | 300 | 70 | 45 | 25 | 2 |
| HK0.A100.20m350.SLV.AV | HSK-A 100 SLA20 350 AV | 20 | 50 | M10 | M16 | 350 | 70 | 45 | 25 | 2 |
| HK0.A100.20m400.SLV.AV | HSK-A 100 SLA20 400 AV | 20 | 50 | M10 | M16 | 400 | 70 | 45 | 25 | 2 |
| HK0.A100.25m200.SLV.AV | HSK-A 100 SLA25 200 AV | 25 | 50 | M10 | M16 | 200 | 70 | 45 | 25 | 2 |
| HK0.A100.25m250.SLV.AV | HSK-A 100 SLA25 250 AV | 25 | 50 | M10 | M16 | 250 | 70 | 45 | 25 | 2 |
| HK0.A100.25m300.SLV.AV | HSK-A 100 SLA25 300 AV | 25 | 50 | M10 | M16 | 300 | 70 | 45 | 25 | 2 |
| HK0.A100.25m350.SLV.AV | HSK-A 100 SLA25 350 AV | 25 | 50 | M10 | M16 | 350 | 70 | 45 | 25 | 2 |
| HK0.A100.25m400.SLV.AV | HSK-A 100 SLA25 400 AV | 25 | 50 | M10 | M16 | 400 | 70 | 45 | 25 | 2 |
| HK0.A100.32m200.SLV.AV | HSK-A 100 SLA32 200 AV | 32 | 60 | M10 | M16 | 200 | 70 | 50 | 30 | 2 |
| HK0.A100.32m250.SLV.AV | HSK-A 100 SLA32 250 AV | 32 | 60 | M10 | M16 | 250 | 70 | 50 | 30 | 2 |
| HK0.A100.32m300.SLV.AV | HSK-A 100 SLA32 300 AV | 32 | 60 | M10 | M16 | 300 | 70 | 50 | 30 | 2 |
| HK0.A100.32m350.SLV.AV | HSK-A 100 SLA32 350 AV | 32 | 60 | M10 | M16 | 350 | 70 | 50 | 30 | 2 |
| HK0.A100.32m400.SLV.AV | HSK-A 100 SLA32 400 AV | 32 | 60 | M10 | M16 | 400 | 70 | 50 | 30 | 2 |
| HK0.A100.40m200.SLV.AV | HSK-A 100 SLA40 200 AV | 40 | 60 | M10 | M16 | 200 | 70 | 50 | 30 | 2 |
| HK0.A100.40m250.SLV.AV | HSK-A 100 SLA40 250 AV | 40 | 60 | M10 | M16 | 250 | 70 | 50 | 30 | 2 |
| HK0.A100.40m300.SLV.AV | HSK-A 100 SLA40 300 AV | 40 | 60 | M10 | M16 | 300 | 70 | 50 | 30 | 2 |
| HK0.A100.40m350.SLV.AV | HSK-A 100 SLA40 350 AV | 40 | 60 | M10 | M16 | 350 | 70 | 50 | 30 | 2 |
| HK0.A100.40m400.SLV.AV | HSK-A 100 SLA40 400 AV | 40 | 60 | M10 | M16 | 400 | 70 | 50 | 30 | 2 |

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm

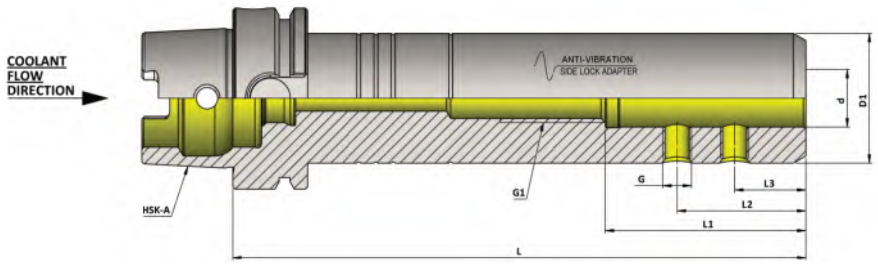



**INCH**

| HSK-A100 (DIN 69893-1) ( SLA - AV) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | G | G1 | L | L1 | L2 | L3 | SCREW QTY. |
| HK0.A100.5/8z7874.SLV.AV | HSK-A 100 SLA5/8'' 200 AV | 5/8" | 1.89" | 1/2"20UNFx7/16" | M12 | 7.874" | 2.244" | – | 0.937" | 0.039" |
| HK0.A100.5/8z9843.SLV.AV | HSK-A 100 SLA5/8'' 250 AV | 5/8" | 1.89" | 1/2"20UNFx7/16" | M12 | 9.843" | 2.244" | – | 0.937" | 0.039" |
| HK0.A100.5/8z11811.SLV.AV | HSK-A 100 SLA5/8'' 300 AV | 5/8" | 1.89" | 1/2"20UNFx7/16" | M12 | 11.811" | 2.244" | – | 0.937" | 0.039" |
| HK0.A100.5/8z1378.SLV.AV | HSK-A 100 SLA5/8'' 350 AV | 5/8" | 1.89" | 1/2"20UNFx7/16" | M12 | 13.78" | 2.244" | – | 0.937" | 0.039" |
| HK0.A100.5/8z15748.SLV.AV | HSK-A 100 SLA5/8'' 400 AV | 5/8" | 1.89" | 1/2"20UNFx7/16" | M12 | 15.748" | 2.244" | – | 0.937" | 0.039" |
| HK0.A100.3/4z7874.SLV.AV | HSK-A 100 SLA3/4'' 200 AV | 3/4" | 1.969" | 5/8"18UNFx1/2" | M16 | 7.874" | 2.323" | – | 1.00" | 0.039" |
| HK0.A100.3/4z9843.SLV.AV | HSK-A 100 SLA3/4'' 250 AV | 3/4" | 1.969" | 5/8"18UNFx1/2" | M16 | 9.843" | 2.323" | – | 1.00" | 0.039" |
| HK0.A100.3/4z11811.SLV.AV | HSK-A 100 SLA3/4'' 300 AV | 3/4" | 1.969" | 5/8"18UNFx1/2" | M16 | 11.811" | 2.323" | – | 1.00" | 0.039" |
| HK0.A100.3/4z1378.SLV.AV | HSK-A 100 SLA3/4'' 350 AV | 3/4" | 1.969" | 5/8"18UNFx1/2" | M16 | 13.78" | 2.323" | – | 1.00" | 0.039" |
| HK0.A100.3/4z15748.SLV.AV | HSK-A 100 SLA3/4'' 400 AV | 3/4" | 1.969" | 5/8"18UNFx1/2" | M16 | 15.748" | 2.323" | – | 1.00" | 0.039" |
| HK0.A100.1z7874.SLV.AV | HSK-A 100 SLA1.0'' 200 AV | 1.0" | 1.969" | 3/4"16UNFx1/2" | M16 | 7.874" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.1z9843.SLV.AV | HSK-A 100 SLA1.0'' 250 AV | 1.0" | 1.969" | 3/4"16UNFx1/2" | M16 | 9.843" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.1z11811.SLV.AV | HSK-A 100 SLA1.0'' 300 AV | 1.0" | 1.969" | 3/4"16UNFx1/2" | M16 | 11.811" | 2.953" | 2.125" | 1.125" | 0.079" |

# HSK-A100 (DIN 69893 - 1)
# Side Lock Adaptor Anti - Vibration (SLA - AV)

Maximum Run out of the Internal diameter with respect to the External Taper 0.010 mm



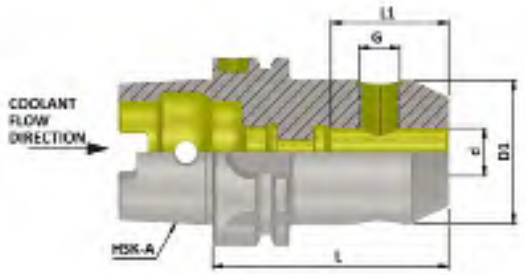

**INCH**

**HSK-A100 (DIN 69893-1) ( SLA - AV)**

| PRODUCT CODE | ITEM NAME | d | D1 | G | G1 | L | L1 | L2 | L3 | SCREW QTY. |
|---|---|---|---|---|---|---|---|---|---|---|
| HK0.A100.1z1378.SLV.AV | HSK-A 100 SLA1.0'' 350 AV | 1.0" | 1.969" | 3/4"16UNFx1/2" | M16 | 13.78" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.1z15748.SLV.AV | HSK-A 100 SLA1.0'' 400 AV | 1.0" | 1.969" | 3/4"16UNFx1/2" | M16 | 15.748" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.11/4z7874.SLV.AV | HSK-A 100 SLA1 1/4'' 200 AV | 1-1/4" | 2.362" | 3/4"16UNFx1/2" | M16 | 7.874" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.11/4z9843.SLV.AV | HSK-A 100 SLA1 1/4'' 250 AV | 1-1/4" | 2.362" | 3/4"16UNFx1/2" | M16 | 9.843" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.11/4z11811.SLV.AV | HSK-A 100 SLA1 1/4'' 300 AV | 1-1/4" | 2.362" | 3/4"16UNFx1/2" | M16 | 11.811" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.11/4z1378.SLV.AV | HSK-A 100 SLA1 1/4'' 350 AV | 1-1/4" | 2.362" | 3/4"16UNFx1/2" | M16 | 13.78" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.11/4z15748.SLV.AV | HSK-A 100 SLA1 1/4'' 400 AV | 1-1/4" | 2.362" | 3/4"16UNFx1/2" | M16 | 15.748" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.11/2z7874.SLV.AV | HSK-A 100 SLA1 1/2'' 200 AV | 1-1/2" | 2.362" | 3/4"16UNFx1/2" | M16 | 7.874" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.11/2z9843.SLV.AV | HSK-A 100 SLA1 1/2'' 250 AV | 1-1/2" | 2.362" | 3/4"16UNFx1/2" | M16 | 9.843" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.11/2z11811.SLV.AV | HSK-A 100 SLA1 1/2'' 300 AV | 1-1/2" | 2.362" | 3/4"16UNFx1/2" | M16 | 11.811" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.11/2z1378.SLV.AV | HSK-A 100 SLA1 1/2'' 350 AV | 1-1/2" | 2.362" | 3/4"16UNFx1/2" | M16 | 13.78" | 2.953" | 2.125" | 1.125" | 0.079" |
| HK0.A100.11/2z15748.SLV.AV | HSK-A 100 SLA1 1/2'' 400 AV | 1-1/2" | 2.362" | 3/4"16UNFx1/2" | M16 | 15.748" | 2.953" | 2.125" | 1.125" | 0.079" |

# HSK-A100 (DIN 69893 -1) Weldon Type
# End Mill Holder (DIN 1835 B) (WE) (DIN 6359)

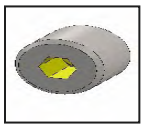
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-A100 (DIN 69893-1) WE | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.A100.6m80.WHS | HSK-A 100 WE06 080 2.5G 25000 SL | 6 | 25 | M6 | 80 | 34 | 1 |
| HK0.A100.6m130.WHS | HSK-A 100 WE06 130 2.5G 25000 SL | 6 | 25 | M6 | 130 | 34 | 1 |
| HK0.A100.6m160.WHS | HSK-A 100 WE06 160 2.5G 25000 SL | 6 | 25 | M6 | 160 | 34 | 1 |
| HK0.A100.8m80.WHS | HSK-A 100 WE08 080 2.5G 25000 SL | 8 | 28 | M8 | 80 | 34 | 1 |
| HK0.A100.8m130.WHS | HSK-A 100 WE08 130 2.5G 25000 SL | 8 | 28 | M8 | 130 | 34 | 1 |
| HK0.A100.8m160.WHS | HSK-A 100 WE08 160 2.5G 25000 SL | 8 | 28 | M8 | 160 | 34 | 1 |
| HK0.A100.10m80.WHS | HSK-A 100 WE10 080 2.5G 25000 SL | 10 | 35 | M10 | 80 | 40 | 1 |
| HK0.A100.10m130.WHS | HSK-A 100 WE10 130 2.5G 25000 SL | 10 | 35 | M10 | 130 | 40 | 1 |
| HK0.A100.10m160.WHS | HSK-A 100 WE10 160 2.5G 25000 SL | 10 | 35 | M10 | 160 | 40 | 1 |
| HK0.A100.12m100.WHS | HSK-A 100 WE12 100 2.5G 25000 SL | 12 | 42 | M12 | 100 | 46 | 1 |
| HK0.A100.12m130.WHS | HSK-A 100 WE12 130 2.5G 25000 SL | 12 | 42 | M12 | 130 | 46 | 1 |
| HK0.A100.12m160.WHS | HSK-A 100 WE12 160 2.5G 25000 SL | 12 | 42 | M12 | 160 | 46 | 1 |
| HK0.A100.14m100.WHS | HSK-A 100 WE14 100 2.5G 25000 SL | 14 | 44 | M12 | 100 | 46 | 1 |
| HK0.A100.14m130.WHS | HSK-A 100 WE14 130 2.5G 25000 SL | 14 | 44 | M12 | 130 | 46 | 1 |
| HK0.A100.14m160.WHS | HSK-A 100 WE14 160 2.5G 25000 SL | 14 | 44 | M12 | 160 | 46 | 1 |
| HK0.A100.16m100.WHS | HSK-A 100 WE16 100 2.5G 25000 SL | 16 | 48 | M14 | 100 | 48 | 1 |
| HK0.A100.16m130.WHS | HSK-A 100 WE16 130 2.5G 25000 SL | 16 | 48 | M14 | 130 | 48 | 1 |

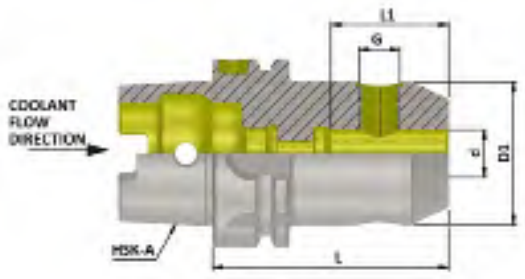
## Accessories:



LOCKING
SCREW SLA

# HSK-A100 (DIN 69893 -1) Weldon Type
# End Mill Holder (DIN 1835 B) (WE) (DIN 6359)

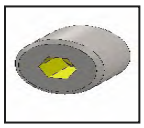
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-A100 (DIN 69893-1) WE | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.A100.16m160.WHS | HSK-A 100 WE16 160 2.5G 25000 SL | 16 | 48 | M14 | 160 | 48 | 1 |
| HK0.A100.18m100.WHS | HSK-A 100 WE18 100 2.5G 25000 SL | 18 | 50 | M14 | 100 | 48 | 1 |
| HK0.A100.18m130.WHS | HSK-A 100 WE18 130 2.5G 25000 SL | 18 | 50 | M14 | 130 | 48 | 1 |
| HK0.A100.18m160.WHS | HSK-A 100 WE18 160 2.5G 25000 SL | 18 | 50 | M14 | 160 | 48 | 1 |
| HK0.A100.20m100.WHS | HSK-A 100 WE20 100 2.5G 25000 SL | 20 | 52 | M16 | 100 | 52 | 1 |
| HK0.A100.20m130.WHS | HSK-A 100 WE20 130 2.5G 25000 SL | 20 | 52 | M16 | 130 | 52 | 1 |
| HK0.A100.20m160.WHS | HSK-A 100 WE20 160 2.5G 25000 SL | 20 | 52 | M16 | 160 | 52 | 1 |
| HK0.A100.25m100.WHS | HSK-A 100 WE25 100 2.5G 25000 SL | 25 | 65 | M18X2 | 100 | 56 | 2 |
| HK0.A100.25m130.WHS | HSK-A 100 WE25 130 2.5G 25000 SL | 25 | 65 | M18X2 | 130 | 56 | 2 |
| HK0.A100.25m160.WHS | HSK-A 100 WE25 160 2.5G 25000 SL | 25 | 65 | M18X2 | 160 | 56 | 2 |
| HK0.A100.32m120.WHS | HSK-A 100 WE32 120 2.5G 25000 SL | 32 | 72 | M20X2 | 120 | 60 | 2 |
| HK0.A100.32m130.WHS | HSK-A 100 WE32 130 2.5G 25000 SL | 32 | 72 | M20X2 | 130 | 60 | 2 |
| HK0.A100.32m160.WHS | HSK-A 100 WE32 160 2.5G 25000 SL | 32 | 72 | M20X2 | 160 | 60 | 2 |
| HK0.A100.40m120.WHS | HSK-A 100 WE40 120 2.5G 25000 SL | 40 | 80 | M20X2 | 120 | 70 | 2 |
| HK0.A100.40m130.WHS | HSK-A 100 WE40 130 2.5G 25000 SL | 40 | 80 | M20X2 | 130 | 70 | 2 |
| HK0.A100.40m160.WHS | HSK-A 100 WE40 160 2.5G 25000 SL | 40 | 80 | M20X2 | 160 | 70 | 2 |
| HK0.A100.50m130.WHS | HSK-A 100 WE50 130 2.5G 25000 SL | 50 | 100 | M24X2 | 130 | 80 | 2 |

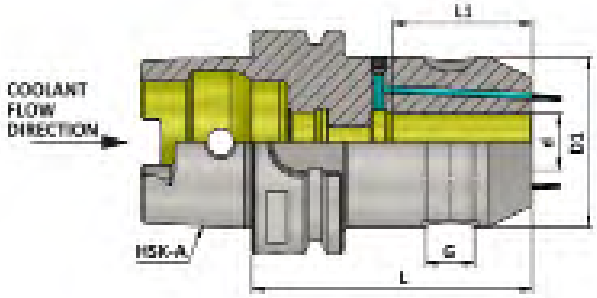
## Accessories:



LOCKING
SCREW SLA

# HSK A100 (DIN 69893-1) Weldon Type End Mill Holder (DIN 1835 B) (Face Coolant Channel) (WE : FCC) (DIN 6359)

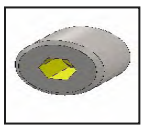
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK A100 (DIN 69893 - 1) WE FCC | | | | | | | (Balanced 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.A100.6m80.WHF | HSK-A100WE06080FCC2.5G25000SL | 6 | 25 | M6 | 80 | 34 | 1 |
| HK0.A100.6m130.WHF | HSK-A100WE06130FCC2.5G25000SL | 6 | 25 | M6 | 130 | 34 | 1 |
| HK0.A100.6m160.WHF | HSK-A100WE06160FCC2.5G25000SL | 6 | 25 | M6 | 160 | 34 | 1 |
| HK0.A100.8m80.WHF | HSK-A100WE08080FCC2.5G25000SL | 8 | 28 | M8 | 80 | 34 | 1 |
| HK0.A100.8m130.WHF | HSK-A100WE08130FCC2.5G25000SL | 8 | 28 | M8 | 130 | 34 | 1 |
| HK0.A100.8m160.WHF | HSK-A100WE08160FCC2.5G25000SL | 8 | 28 | M8 | 160 | 34 | 1 |
| HK0.A100.10m80.WHF | HSK-A100WE10080FCC2.5G25000SL | 10 | 35 | M10 | 80 | 40 | 1 |
| HK0.A100.10m130.WHF | HSK-A100WE10130FCC2.5G25000SL | 10 | 35 | M10 | 130 | 40 | 1 |
| HK0.A100.10m160.WHF | HSK-A100WE10160FCC2.5G25000SL | 10 | 35 | M10 | 160 | 40 | 1 |
| HK0.A100.12m100.WHF | HSK-A100WE12100FCC2.5G25000SL | 12 | 42 | M12 | 100 | 46 | 1 |
| HK0.A100.12m130.WHF | HSK-A100WE12130FCC2.5G25000SL | 12 | 42 | M12 | 130 | 46 | 1 |
| HK0.A100.12m160.WHF | HSK-A100WE12160FCC2.5G25000SL | 12 | 42 | M12 | 160 | 46 | 1 |
| HK0.A100.14m100.WHF | HSK-A100WE14100FCC2.5G25000SL | 14 | 44 | M12 | 100 | 46 | 1 |
| HK0.A100.14m130.WHF | HSK-A100WE14130FCC2.5G25000SL | 14 | 44 | M12 | 130 | 46 | 1 |
| HK0.A100.14m160.WHF | HSK-A100WE14160FCC2.5G25000SL | 14 | 44 | M12 | 160 | 46 | 1 |
| HK0.A100.16m100.WHF | HSK-A100WE16100FCC2.5G25000SL | 16 | 48 | M14 | 100 | 48 | 1 |
| HK0.A100.16m130.WHF | HSK-A100WE16130FCC2.5G25000SL | 16 | 48 | M14 | 130 | 48 | 1 |
| HK0.A100.16m160.WHF | HSK-A100WE16160FCC2.5G25000SL | 16 | 48 | M14 | 160 | 48 | 1 |
| HK0.A100.18m100.WHF | HSK-A100WE18100FCC2.5G25000SL | 18 | 50 | M14 | 100 | 48 | 1 |
| HK0.A100.18m130.WHF | HSK-A100WE18130FCC2.5G25000SL | 18 | 50 | M14 | 130 | 48 | 1 |
| HK0.A100.18m160.WHF | HSK-A100WE18160FCC2.5G25000SL | 18 | 50 | M14 | 160 | 48 | 1 |
| HK0.A100.20m100.WHF | HSK-A100WE20100FCC2.5G25000SL | 20 | 52 | M16 | 100 | 52 | 1 |
| HK0.A100.20m130.WHF | HSK-A100WE20130FCC2.5G25000SL | 20 | 52 | M16 | 130 | 52 | 1 |
| HK0.A100.20m160.WHF | HSK-A100WE20160FCC2.5G25000SL | 20 | 52 | M16 | 160 | 52 | 1 |

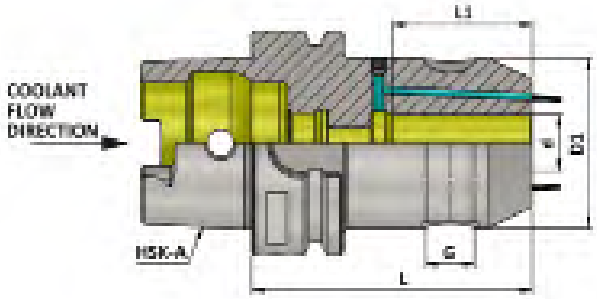
## Accessories:



LOCKING
SCREW SLA

# HSK A100 (DIN 69893-1) Weldon Type End Mill Holder (DIN 1835 B) (Face Coolant Channel) (WE : FCC) (DIN 6359)

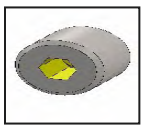
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK A100 (DIN 69893 - 1) WE FCC | | | | | | | (Balanced 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.A100.25m100.WHF | HSK-A100WE25100FCC2.5G25000SL | 25 | 65 | M18X2 | 100 | 56 | 2 |
| HK0.A100.25m130.WHF | HSK-A100WE25130FCC2.5G25000SL | 25 | 65 | M18X2 | 130 | 56 | 2 |
| HK0.A100.25m160.WHF | HSK-A100WE25160FCC2.5G25000SL | 25 | 65 | M18X2 | 160 | 56 | 2 |
| HK0.A100.32m120.WHF | HSK-A100WE32120FCC2.5G25000SL | 32 | 72 | M20X2 | 120 | 60 | 2 |
| HK0.A100.32m130.WHF | HSK-A100WE32130FCC2.5G25000SL | 32 | 72 | M20X2 | 130 | 60 | 2 |
| HK0.A100.32m160.WHF | HSK-A100WE32160FCC2.5G25000SL | 32 | 72 | M20X2 | 160 | 60 | 2 |
| HK0.A100.40m120.WHF | HSK-A100WE40120FCC2.5G25000SL | 40 | 80 | M20X2 | 120 | 70 | 2 |
| HK0.A100.40m130.WHF | HSK-A100WE40130FCC2.5G25000SL | 40 | 80 | M20X2 | 130 | 70 | 2 |
| HK0.A100.40m160.WHF | HSK-A100WE40160FCC2.5G25000SL | 40 | 80 | M20X2 | 160 | 70 | 2 |
| HK0.A100.50m130.WHF | HSK-A100WE50130FCC2.5G25000SL | 50 | 100 | M24X2 | 130 | 80 | 2 |

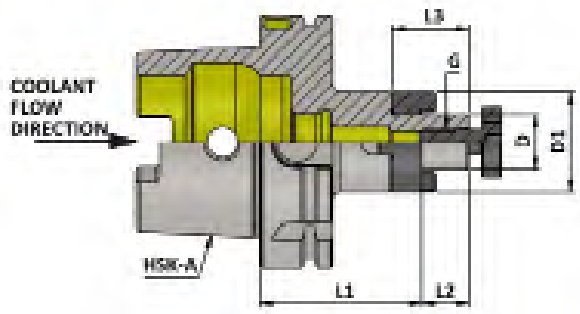
## Accessories:



LOCKING
SCREW SLA

# HSK-A100 (DIN 69893-1)
# Combi Shell Mill Adaptor (DIN 6358) (CSMA)

Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied



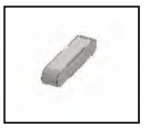

**METRIC**

| HSK-A100 (DIN 69893-1) CSMA (AD) (JD) | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D** | **D1** | **L1** | **L2** | **L3** | **G** |
| HK0.A100.16m65.CSA | HSK-A100CSMA160652.5G25000SLSP.S | 16 | 32 | 65 | 17 | 27 | M8 |
| HK0.A100.16m100.CSA | HSK-A100CSMA161002.5G25000SLSP.S | 16 | 32 | 100 | 17 | 27 | M8 |
| HK0.A100.16m130.CSA | HSK-A100CSMA161302.5G25000SLSP.S | 16 | 32 | 130 | 17 | 27 | M8 |
| HK0.A100.16m160.CSA | HSK-A100CSMA161602.5G25000SLSP.S | 16 | 32 | 160 | 17 | 27 | M8 |
| HK0.A100.22m65.CSA | HSK-A100CSMA220652.5G25000SLSP.S | 22 | 40 | 65 | 19 | 31 | M10 |
| HK0.A100.22m100.CSA | HSK-A100CSMA221002.5G25000SLSP.S | 22 | 40 | 100 | 19 | 31 | M10 |
| HK0.A100.22m130.CSA | HSK-A100CSMA221302.5G25000SLSP.S | 22 | 40 | 130 | 19 | 31 | M10 |
| HK0.A100.22m160.CSA | HSK-A100CSMA221602.5G25000SLSP.S | 22 | 40 | 160 | 19 | 31 | M10 |
| HK0.A100.27m65.CSA | HSK-A100CSMA270652.5G25000SLSP.S | 27 | 48 | 65 | 21 | 33 | M12 |
| HK0.A100.27m100.CSA | HSK-A100CSMA271002.5G25000SLSP.S | 27 | 48 | 100 | 21 | 33 | M12 |
| HK0.A100.27m130.CSA | HSK-A100CSMA271302.5G25000SLSP.S | 27 | 48 | 130 | 21 | 33 | M12 |
| HK0.A100.27m160.CSA | HSK-A100CSMA271602.5G25000SLSP.S | 27 | 48 | 160 | 21 | 33 | M12 |
| HK0.A100.32m70.CSA | HSK-A100CSMA320702.5G25000SLSP.S | 32 | 58 | 70 | 24 | 38 | M16 |
| HK0.A100.32m100.CSA | HSK-A100CSMA321002.5G25000SLSP.S | 32 | 58 | 100 | 24 | 38 | M16 |
| HK0.A100.32m130.CSA | HSK-A100CSMA321302.5G25000SLSP.S | 32 | 58 | 130 | 24 | 38 | M16 |
| HK0.A100.32m160.CSA | HSK-A100CSMA321602.5G25000SLSP.S | 32 | 58 | 160 | 24 | 38 | M16 |
| HK0.A100.40m70.CSA | HSK-A100CSMA400702.5G25000SLSP.S | 40 | 70 | 70 | 27 | 41 | M20 |
| HK0.A100.40m100.CSA | HSK-A100CSMA401002.5G25000SLSP.S | 40 | 70 | 100 | 27 | 41 | M20 |
| HK0.A100.40m130.CSA | HSK-A100CSMA401302.5G25000SLSP.S | 40 | 70 | 130 | 27 | 41 | M20 |
| HK0.A100.40m160.CSA | HSK-A100CSMA401602.5G25000SLSP.S | 40 | 70 | 160 | 27 | 41 | M20 |

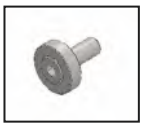
## Accessories:



CSMA DRIVER RING

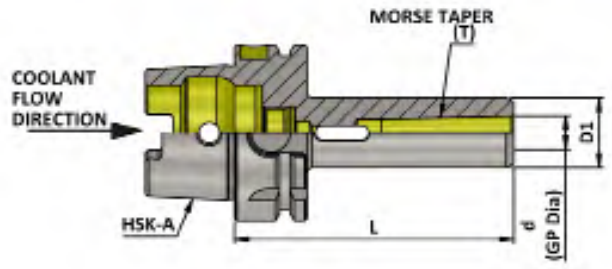


CSMA KEY



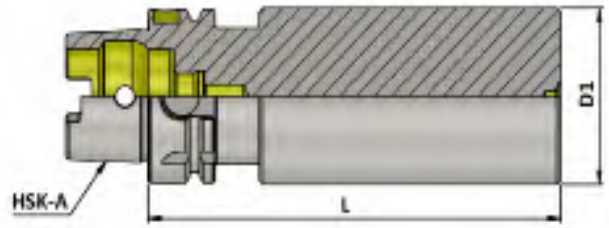
FMH / CSMA CLAMPING SCREW

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-A100 (DIN 69893-1) MTA | | | | | (Balanced to 6.3 G 20000 RPM) |
|---|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **Morse Taper(T)** | **d (GP)** | **D1** | **L** |
| HK0.A100.12065m110.MTA | HSK-A 100 MT01 110 6.3G 20000 SL | 1 | 12.065 | 25 | 110 |
| HK0.A100.17780m120.MTA | HSK-A 100 MT02 120 6.3G 20000 SL | 2 | 17.780 | 32 | 120 |
| HK0.A100.23825m150.MTA | HSK-A 100 MT03 150 6.3G 20000 SL | 3 | 23.825 | 40 | 150 |
| HK0.A100.31267m170.MTA | HSK-A 100 MT04 170 6.3G 20000 SL | 4 | 31.267 | 48 | 170 |
| HK0.A100.44399m200.MTA | HSK-A 100 MT05 200 6.3G 20000 SL | 5 | 44.399 | 63 | 200 |



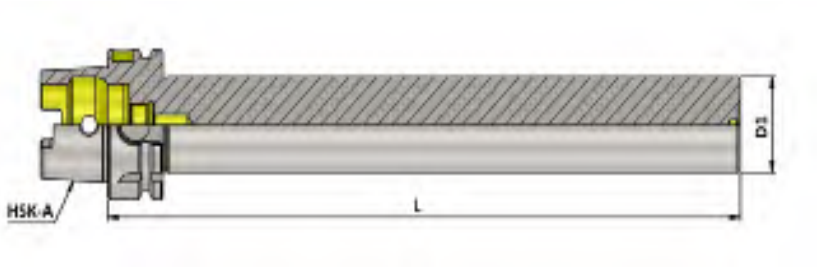

**METRIC**

| HSK-A100 (DIN 69893-1)Boring Bar Blank | | | |
|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D1** | **L** |
| HK0.A100.80m250.BBB | HSK-A 100 BORING BAR BLANK DIA 80.0 L 250 | 80 | 250 |
| HK0.A100.80m275.BBB | HSK-A 100 BORING BAR BLANK DIA 80.0 L 275 | 80 | 275 |
| HK0.A100.97m250.BBB | HSK-A 100 BORING BAR BLANK DIA 97.0 L 250 | 97 | 250 |

**INCH**

| HSK-A100 (DIN 69893-1)Boring Bar Blank | | | |
|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D1** | **L** |
| HK0.A100.4z10.BBB | HSK-A 100 BORING BAR BLANK DIA 4.0'' L 10.0'' | 4.0" | 10.0" |

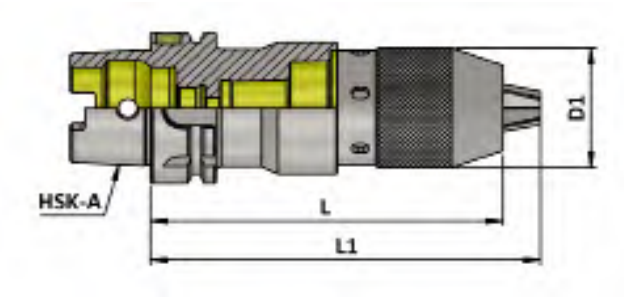
Maximum Run out of the External diameter with respect to the External Taper 0.003 mm




**METRIC**

| HSK-A100 (DIN 69893-1) Master Mandrell | | | (Sub Zero Treated) |
|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D1** | **L** |
| HK0.A100.40m380.MML | HSK-A 100 MASTER MANDRELL DIA 40 L 380 | 40 | 380 |
| HK0.A100.50m300.MML | HSK-A 100 MASTER MANDRELL DIA 50 L 300 | 50 | 300 |

Maximum Run out on the Mandrell with respect to the External Taper 0.050 mm as supplied




**METRIC**

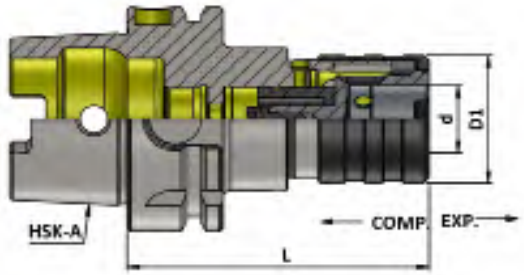
| HSK-A100 (DIN 69893 - 1) (NCDC) | | | | |
|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **D1** | **L** | **L1** |
| HK0.A100.50m146.NDC | HSK-A 100 NCDC 113 146 | 50 | 146 | 158.5 |

## Accessories:



SPANNER
NCDC

# HSK-A100 (DIN 69893-1)
# Quick Change Tapping Chuck (KWFLK)




**METRIC**

| HSK-A100 (DIN 69893-1) (KWFLK) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Capacity | Suitable Adaptor | Compr. | Expan. | d | D1 | L |
| HK0.A100.19m90.QCC | HSK-A 100 KWFLK1 90.0 | M3-M12 | KWES1B | 7.5 | 7.5 | 19 | 36 | 90 |
| HK0.A100.31m138.QCC | HSK-A 100 KWFLK2 138.0 | M6-M20 | KWES2B | 12.5 | 12.5 | 31 | 53 | 138 |
| HK0.A100.48m190.QCC | HSK-A 100 KWFLK3 190.0 | M14-M33 | KWES3B | 20 | 20 | 48 | 78 | 190 |
| HK0.A100.60m225.QCC | HSK-A 100 KWFLK4 225.0 | M22-M48 | KWES4B | 22.5 | 22.5 | 60 | 96 | 225 |

## Accessories:

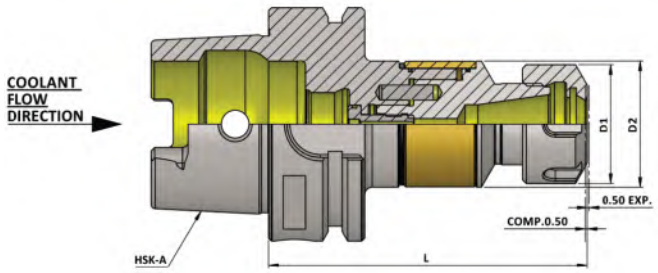

TAP ADAPTOR KWES


TAP ADAPTOR KWESK B


TAP ADAPTOR REDUCTION SOCKET(KWRE)

# HSK-A100 (DIN 69893-1) Minimum Length Compensation Tapping Chuck (MLC)

Maximum Run out of the Internal Taper with respect to the External Taper 0.020 mm

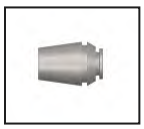



**METRIC**

**HSK-A100 (DIN 69893 - 1) (MLC)**

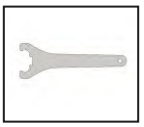
| PRODUCT CODE | ITEM NAME | TAPPING RANGE | CLAMPING RANGE | NUT SIZE | D1 | D2 | L | COMP. | EXP. |
|---|---|---|---|---|---|---|---|---|---|
| HK0.A100.22m97.MLC | HSK-A 100 ER 16M 097 MLC | M3-M12 | 3.5-10 | ER 16M | 22 | 34 | 97 | 0.5 | 0.5 |
| HK0.A100.32m96.MLC | HSK-A 100 ER 16 096 MLC | M3-M12 | 3.5-10 | ER 16 | 32 | 34 | 96 | 0.5 | 0.5 |
| HK0.A100.35m97.MLC | HSK-A 100 ER 20 097 MLC | M3-M16 | 3.5-12 | ER 20 | 35 | 34 | 97 | 0.5 | 0.5 |
| HK0.A100.42m101.MLC | HSK-A 100 ER 25 101 MLC | M3-M20 | 3.5-16 | ER 25 | 42 | 34 | 101 | 0.5 | 0.5 |
| HK0.A100.50m110.MLC | HSK-A 100 ER 32 110 MLC | M4-M27 | 3.5-20 | ER 32 | 50 | 45 | 110 | 0.5 | 0.5 |
| HK0.A100.63m133.MLC | HSK-A 100 ER 40 133 MLC | M6-M33 | 6-25 | ER 40 | 63 | 62 | 133 | 0.5 | 0.5 |
| HK0.A63.63m1335.MLC | HSK-A 63 ER 40 133.5 MLC | M6-M33 | 6-25 | ER 40 | 63 | 62 | 133.5 | 0.5 | 0.5 |

## Accessories:

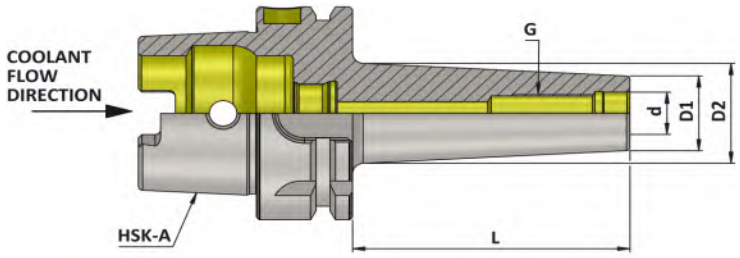

QC TAP COLLET QCTC


ER TAP COLLET


ER SLOTTED NUT


ER SPANNER

Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-A100 (DIN 69893-1) (MCA) (AD+B) (JD/JF) | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | G | L |
| HK0.A100.85m50.MCA | HSK-A 100 MCA08 050 2.5G 25000 SL | 8.5 | 13 | 23 | M8 | 50 |
| HK0.A100.105m50.MCA | HSK-A 100 MCA10 050 2.5G 25000 SL | 10.5 | 18 | 23 | M10 | 50 |
| HK0.A100.105m100.MCA | HSK-A 100 MCA10 100 2.5G 25000 SL | 10.5 | 18 | 32 | M10 | 100 |
| HK0.A100.105m150.MCA | HSK-A 100 MCA10 150 2.5G 25000 SL | 10.5 | 18 | 36.5 | M10 | 150 |
| HK0.A100.125m50.MCA | HSK-A 100 MCA12 050 2.5G 25000 SL | 12.5 | 21 | 24 | M12 | 50 |
| HK0.A100.125m100.MCA | HSK-A 100 MCA12 100 2.5G 25000 SL | 12.5 | 21 | 33 | M12 | 100 |
| HK0.A100.125m150.MCA | HSK-A 100 MCA12 150 2.5G 25000 SL | 12.5 | 21 | 40 | M12 | 150 |
| HK0.A100.17m50.MCA | HSK-A 100 MCA16 050 2.5G 25000 SL | 17 | 29 | 34 | M16 | 50 |
| HK0.A100.17m100.MCA | HSK-A 100 MCA16 100 2.5G 25000 SL | 17 | 29 | 36 | M16 | 100 |
| HK0.A100.17m150.MCA | HSK-A 100 MCA16 150 2.5G 25000 SL | 17 | 29 | 42.5 | M16 | 150 |




## HSK A125 . DIN 69893

| | |
|---|---|
| **289** | **Shrink Fit Holders** |
| 289 | 4.5 ° |
| 290 | 4.5 ° Face Coolant Channel |

## HSK E25 . DIN 69893

| | |
|---|---|
| **292** | **Shrink Fit Holders** |
| 292 | Slim 3 ° |

## HSK E32 . DIN 69893

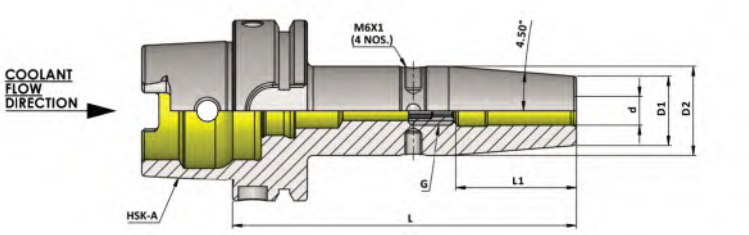
| | |
|---|---|
| **293** | **Shrink Fit Holders** |
| 293 | 4.5 ° |
| 294 | 4.5 ° Face Coolant Channel |
| **295** | **ER Collect Chuck** |
| 295 | Standard |
| **296** | **Weldon Type End Mill Holders** |
| 296 | Standard |
| 297 | Face Coolant Channel |

## HSK E40 . DIN 69893

| | |
|---|---|
| **299** | **Shrink Fit Holders** |
| 299 | 4.5 ° |
| 300 | 4.5 ° Face Coolant Channel |
| **302** | **Hydraulic Chucks** |
| 302 | Standard |
| 303 | Slim 3 ° |
| **304** | **Face Mill Holders** |
| 304 | Standard |
| 305 | Through Coolant (FMH -k) |
| **306** | **ER Collect Chuck** |
| 306 | Standard |
| **307** | **Weldon Type End Mill Holders** |
| 307 | Standard |
| 308 | Face Coolant Channel |

# HSK-A125 (DIN 69893 - 1)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

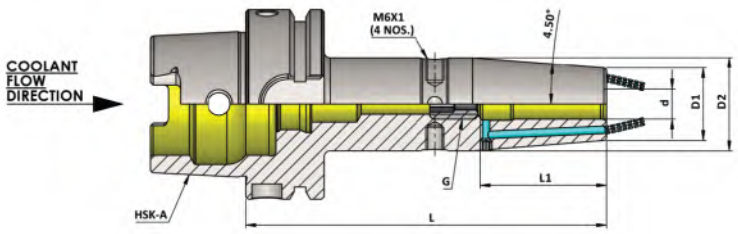



**METRIC**

| HSK-A125 (DIN 69893-1) (SFH 4.5° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.A125.10m130.SFS | HSK-A 125 SFH10 130 2.5G 25000 SL | 10 | 24 | 31 | M8 | 130 | 41 |
| HK0.A125.10m160.SFS | HSK-A 125 SFH10 160 2.5G 25000 SL | 10 | 24 | 31 | M8 | 160 | 41 |
| HK0.A125.10m200.SFS | HSK-A 125 SFH10 200 2.5G 25000 SL | 10 | 24 | 31 | M8 | 200 | 41 |
| HK0.A125.12m130.SFS | HSK-A 125 SFH12 130 2.5G 25000 SL | 12 | 24 | 31 | M10 | 130 | 46 |
| HK0.A125.12m160.SFS | HSK-A 125 SFH12 160 2.5G 25000 SL | 12 | 24 | 31 | M10 | 160 | 46 |
| HK0.A125.12m200.SFS | HSK-A 125 SFH12 200 2.5G 25000 SL | 12 | 24 | 31 | M10 | 200 | 46 |
| HK0.A125.16m130.SFS | HSK-A 125 SFH16 130 2.5G 25000 SL | 16 | 27 | 34 | M12 | 130 | 49 |
| HK0.A125.16m160.SFS | HSK-A 125 SFH16 160 2.5G 25000 SL | 16 | 27 | 34 | M12 | 160 | 49 |
| HK0.A125.16m200.SFS | HSK-A 125 SFH16 200 2.5G 25000 SL | 16 | 27 | 34 | M12 | 200 | 49 |
| HK0.A125.20m130.SFS | HSK-A 125 SFH20 130 2.5G 25000 SL | 20 | 33 | 40 | M16 | 130 | 51 |
| HK0.A125.20m160.SFS | HSK-A 125 SFH20 160 2.5G 25000 SL | 20 | 33 | 40 | M16 | 160 | 51 |
| HK0.A125.20m200.SFS | HSK-A 125 SFH20 200 2.5G 25000 SL | 20 | 33 | 40 | M16 | 200 | 51 |
| HK0.A125.25m130.SFS | HSK-A 125 SFH25 130 2.5G 25000 SL | 25 | 44 | 53 | M16 | 130 | 57 |
| HK0.A125.25m160.SFS | HSK-A 125 SFH25 160 2.5G 25000 SL | 25 | 44 | 53 | M16 | 160 | 57 |
| HK0.A125.25m200.SFS | HSK-A 125 SFH25 200 2.5G 25000 SL | 25 | 44 | 53 | M16 | 200 | 57 |
| HK0.A125.32m130.SFS | HSK-A 125 SFH32 130 2.5G 25000 SL | 32 | 44 | 53 | M16 | 130 | 61 |
| HK0.A125.32m160.SFS | HSK-A 125 SFH32 160 2.5G 25000 SL | 32 | 44 | 53 | M16 | 160 | 61 |
| HK0.A125.32m200.SFS | HSK-A 125 SFH32 200 2.5G 25000 SL | 32 | 44 | 53 | M16 | 200 | 61 |

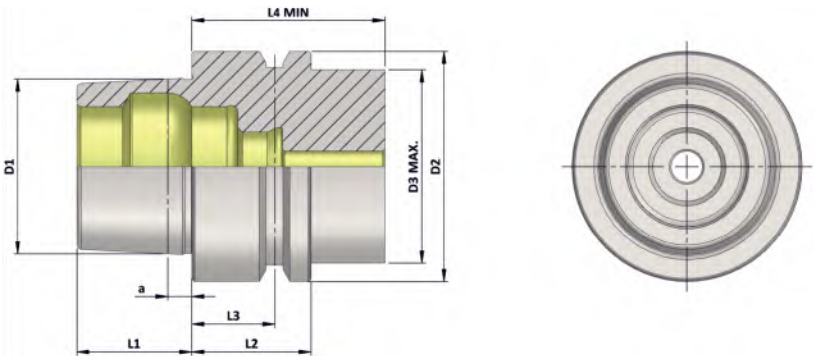
# HSK-A125 (DIN 69893 - 1) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

| HSK-A125 (DIN 69893-1) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.A125.10m130.SFF | HSK-A 125 SFH10 130 FCC 2.5G 25000 SL | 10 | 24 | 31 | M8 | 130 | 41 |
| HK0.A125.10m160.SFF | HSK-A 125 SFH10 160 FCC 2.5G 25000 SL | 10 | 24 | 31 | M8 | 160 | 41 |
| HK0.A125.10m200.SFF | HSK-A 125 SFH10 200 FCC 2.5G 25000 SL | 10 | 24 | 31 | M8 | 200 | 41 |
| HK0.A125.12m130.SFF | HSK-A 125 SFH12 130 FCC 2.5G 25000 SL | 12 | 24 | 31 | M10 | 130 | 46 |
| HK0.A125.12m160.SFF | HSK-A 125 SFH12 160 FCC 2.5G 25000 SL | 12 | 24 | 31 | M10 | 160 | 46 |
| HK0.A125.12m200.SFF | HSK-A 125 SFH12 200 FCC 2.5G 25000 SL | 12 | 24 | 31 | M10 | 200 | 46 |
| HK0.A125.16m130.SFF | HSK-A 125 SFH16 130 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 130 | 49 |
| HK0.A125.16m160.SFF | HSK-A 125 SFH16 160 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 160 | 49 |
| HK0.A125.16m200.SFF | HSK-A 125 SFH16 200 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 200 | 49 |
| HK0.A125.20m130.SFF | HSK-A 125 SFH20 130 FCC 2.5G 25000 SL | 20 | 33 | 40 | M16 | 130 | 51 |
| HK0.A125.20m160.SFF | HSK-A 125 SFH20 160 FCC 2.5G 25000 SL | 20 | 33 | 40 | M16 | 160 | 51 |
| HK0.A125.20m200.SFF | HSK-A 125 SFH20 200 FCC 2.5G 25000 SL | 20 | 33 | 40 | M16 | 200 | 51 |
| HK0.A125.25m130.SFF | HSK-A 125 SFH25 130 FCC 2.5G 25000 SL | 25 | 44 | 53 | M16 | 130 | 57 |
| HK0.A125.25m160.SFF | HSK-A 125 SFH25 160 FCC 2.5G 25000 SL | 25 | 44 | 53 | M16 | 160 | 57 |
| HK0.A125.25m200.SFF | HSK-A 125 SFH25 200 FCC 2.5G 25000 SL | 25 | 44 | 53 | M16 | 200 | 57 |
| HK0.A125.32m130.SFF | HSK-A 125 SFH32 130 FCC 2.5G 25000 SL | 32 | 44 | 53 | M16 | 130 | 61 |
| HK0.A125.32m160.SFF | HSK-A 125 SFH32 160 FCC 2.5G 25000 SL | 32 | 44 | 53 | M16 | 160 | 61 |
| HK0.A125.32m200.SFF | HSK-A 125 SFH32 200 FCC 2.5G 25000 SL | 32 | 44 | 53 | M16 | 200 | 61 |




All values are in mm

| HSK - E | D1 | D2 | D3 | a | L1 | L2 | L3 | L4 |
|---|---|---|---|---|---|---|---|---|
| 25 | 19.006 | 25 | 20 | 2.5 | 13 | 10 | 4.5 | 20 |
| | | | | | | | | |
| 32 | 24.007 | 32 | 26 | 3.2 | 16 | 20 | 16 | 35 |
| | | | | | | | | |
| 40 | 30 | 40 | 34 | 4 | 20 | 20 | 16 | 35 |
| | | | | | | | | |
| 50 | 38 | 50 | 42 | 5 | 25 | 26 | 18 | 42 |
| | | | | | | | | |
| 63 | 48 | 63 | 53 | 6.3 | 32 | 26 | 18 | 42 |

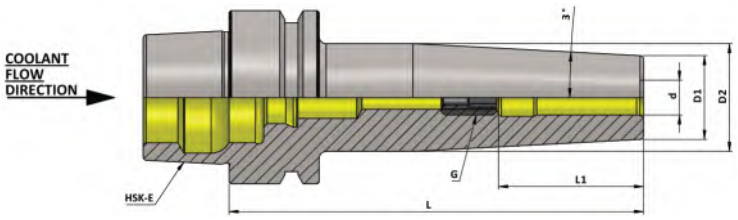
Material :- Case hardened steel, tensile strength in the core min. 950 N/mm2

Execution :- Case hardened to HRC 58 ± 2, Case Depth 0.8 mm., Silver finish.

Accuracy :- 7:24 Taper Angle Class AT 3

# HSK-E25 (DIN 69893 - 5)
# Shrink Fit Holder 4.5 Degree (SFH SLIM 3° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

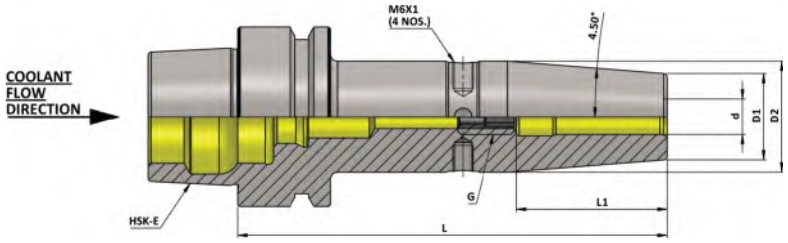
| HSK-E25 (DIN 69893-5) (SFH SLIM 3° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.E25.3m60.SF3 | HSK-E25SFH03045SLIM2.5G25000SL | 3 | 10 | 16 | - | 60 | 12 |
| HK0.E25.4m60.SF3 | HSK-E25SFH04045SLIM2.5G25000SL | 4 | 12 | 18 | - | 60 | 14 |
| HK0.E25.5m60.SF3 | HSK-E25SFH05045SLIM2.5G25000SL | 5 | 12 | 18 | - | 60 | 15 |
| HK0.E25.6m70.SF3 | HSK-E25SFH06050SLIM2.5G25000SL | 6 | 21 | 25 | M5 | 70 | 36 |
| HK0.E25.8m70.SF3 | HSK-E25SFH08050SLIM2.5G25000SL | 8 | 21 | 25 | M6 | 70 | 36 |
| HK0.E25.10m70.SF3 | HSK-E25SFH10050SLIM2.5G25000SL | 10 | 24 | 29 | M8 | 70 | 41 |
| HK0.E25.12m80.SF3 | HSK-E25SFH12050SLIM2.5G25000SL | 12 | 24 | 29 | M10 | 80 | 46 |

**INCH**

| HSK-E25 (DIN 69893-5) (SFH SLIM 3° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.E25.1/8z2362.SF3 | HSK-E25SFH1/8''045SLIM2.5G25000SL | 1/8" | 0.63" | 0.63" | - | 2.362" | 0.472" |
| HK0.E25.3/16z2362.SF3 | HSK-E25SFH3/16''045SLIM2.5G25000SL | 3/16" | 0.709" | 0.709" | - | 2.362" | 0.551" |
| HK0.E25.1/4z2756.SF3 | HSK-E25SFH1/4''050SLIM2.5G25000SL | 1/4" | 0.984" | 0.984" | M5 | 2.756" | 1.417" |
| HK0.E25.5/16z2756.SF3 | HSK-E25SFH5/16''050SLIM2.5G25000SL | 5/16" | 0.984" | 0.984" | M6 | 2.756" | 1.417" |
| HK0.E25.3/8z2756.SF3 | HSK-E25SFH3/8''050SLIM2.5G25000SL | 3/8" | 1.142" | 1.142" | M8 | 2.756" | 1.614" |
| HK0.E25.1/2z315.SF3 | HSK-E25SFH1/2''050SLIM2.5G25000SL | 1/2" | 1.142" | 1.142" | M10 | 3.15" | 1.811" |

# HSK-E32 (DIN 69893 - 5)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

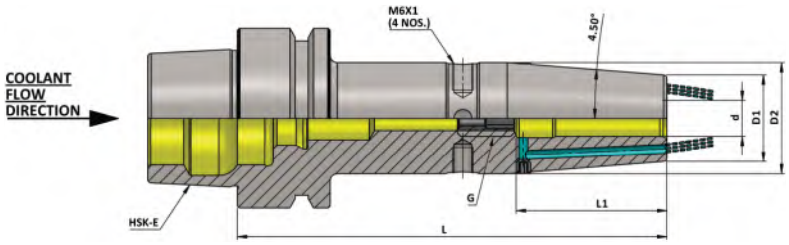
| HSK-E32 (DIN 69893-5) (SFH 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.E32.3m60.SFS | HSK-E 32 SFH03 060 2.5G 25000 SL | 3 | 10 | 16 | – | 60 | 12 |
| HK0.E32.4m60.SFS | HSK-E 32 SFH04 060 2.5G 25000 SL | 4 | 12 | 18 | – | 60 | 14 |
| HK0.E32.5m60.SFS | HSK-E 32 SFH05 060 2.5G 25000 SL | 5 | 12 | 18 | – | 60 | 15 |
| HK0.E32.6m70.SFS | HSK-E 32 SFH06 070 2.5G 25000 SL | 6 | 21 | 25 | M5 | 70 | 36 |
| HK0.E32.8m70.SFS | HSK-E 32 SFH08 070 2.5G 25000 SL | 8 | 21 | 25 | M6 | 70 | 36 |
| HK0.E32.10m70.SFS | HSK-E 32 SFH10 070 2.5G 25000 SL | 10 | 24 | 29 | M8 | 70 | 41 |
| HK0.E32.12m80.SFS | HSK-E 32 SFH12 080 2.5G 25000 SL | 12 | 24 | 29 | M10 | 80 | 46 |

**INCH**

| HSK-E32 (DIN 69893-5) (SFH 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.E32.1/8z2362.SFS | HSK-E 32 SFH1/8'' 60 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | – | 2.362" | 0.472" |
| HK0.E32.3/16z2362.SFS | HSK-E 32 SFH3/16'' 60 2.5G 25000 SL | 3/16" | 0.472" | 0.709" | – | 2.362" | 0.551" |
| HK0.E32.1/4z2756.SFS | HSK-E 32 SFH1/4'' 70 2.5G 25000 SL | 1/4" | 0.827" | 0.984" | M5 | 2.756" | 1.417" |
| HK0.E32.5/16z2756.SFS | HSK-E 32 SFH5/16'' 70 2.5G 25000 SL | 5/16" | 0.827" | 0.984" | M6 | 2.756" | 1.417" |
| HK0.E32.3/8z2756.SFS | HSK-E 32 SFH3/8'' 70 2.5G 25000 SL | 3/8" | 0.945" | 1.142" | M8 | 2.756" | 1.614" |
| HK0.E32.1/2z315.SFS | HSK-E 32 SFH1/2'' 80.0 2.5G 25000 SL | 1/2" | 0.945" | 1.142" | M10 | 3.15" | 1.811" |

# HSK-E32 (DIN 69893 - 5) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm



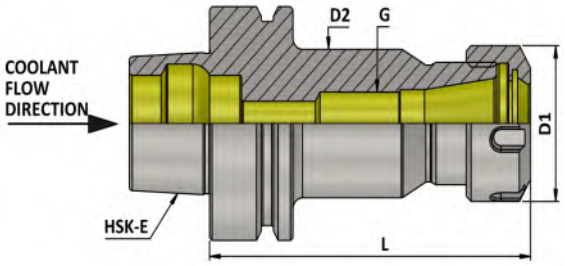

**METRIC**

| HSK-E32 (DIN 69893-5) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.E32.3m60.SFF | HSK-E32 SFH03 060 FCC 2.5G 25000 SL | 3 | 10 | 16 | – | 60 | 12 |
| HK0.E32.4m60.SFF | HSK-E32 SFH04 060 FCC 2.5G 25000 SL | 4 | 12 | 18 | – | 60 | 14 |
| HK0.E32.5m60.SFF | HSK-E32 SFH05 060 FCC 2.5G 25000 SL | 5 | 12 | 18 | – | 60 | 15 |
| HK0.E32.6m70.SFF | HSK-E32 SFH06 070 FCC 2.5G 25000 SL | 6 | 21 | 25 | M5 | 70 | 36 |
| HK0.E32.8m70.SFF | HSK-E32 SFH08 070 FCC 2.5G 25000 SL | 8 | 21 | 25 | M6 | 70 | 36 |
| HK0.E32.10m70.SFF | HSK-E32 SFH10 070 FCC 2.5G 25000 SL | 10 | 24 | 29 | M8 | 70 | 41 |
| HK0.E32.12m80.SFF | HSK-E32 SFH12 080 FCC 2.5G 25000 SL | 12 | 24 | 29 | M10 | 80 | 46 |

**INCH**

| HSK-E32 (DIN 69893-5) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.E32.1/8z2362.SFF | HSK-E 32 SFH1/8'' 60 FCC 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | – | 2.362" | 0.472" |
| HK0.E32.3/16z2362.SFF | HSK-E 32 SFH3/16'' 60 FCC 2.5G 25000 SL | 3/16" | 0.472" | 0.709" | – | 2.362" | 0.551" |
| HK0.E32.1/4z2756.SFF | HSK-E 32 SFH1/4'' 70 FCC 2.5G 25000 SL | 1/4" | 0.827" | 0.984" | M5 | 2.756" | 1.417" |
| HK0.E32.5/16z2756.SFF | HSK-E32 SFH5/16'' 70 FCC 2.5G 25000 SL | 5/16" | 0.827" | 0.984" | M6 | 2.756" | 1.417" |
| HK0.E32.3/8z2756.SFF | HSK-E 32 SFH3/8'' 70 FCC 2.5G 25000 SL | 3/8" | 0.945" | 1.142" | M8 | 2.756" | 1.614" |
| HK0.E32.1/2z315.SFF | HSK-E 32 SFH1/2'' 80 FCC 2.5G 25000 SL | 1/2" | 0.945" | 1.142" | M10 | 3.15" | 1.811" |

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK - E32 (DIN 69893 - 5) Collet Chuck ER | | | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Suitable Collet | Collet Capacity | D1 | D2 | G | L | Nut | Spanner |
| HK0.E32.32m60.ERS | HSK-E 32 ER 16 060 2.5G 25000 SL | ER16 | 0.5-10 | 32 | - | M10X1P | 60 | UM/ER16 | E16 |
| HK0.E32.42m80.ERS | HSK-E 32 ER 25 080 2.5G 25000 SL | ER25 | 1.0-16 | 42 | - | M18X1P | 80 | UM/ER25 | E25 |

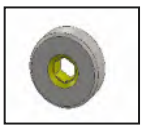
## Accessories:


ER COLLET (DIN 6499)

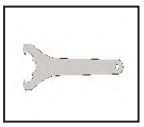

TAP COLLET ER-G


QC TAP COLLET QCTC


ER NUT

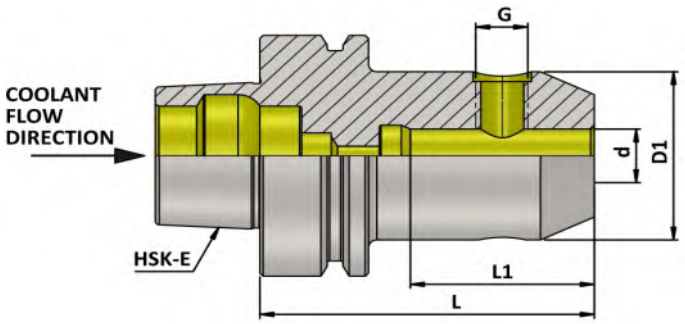

ER STOPPER SCREW


SEALING DISC


SPANNER E

# HSK-E32 (DIN 69893 -5) Weldon Type
# End Mill Holder (DIN 1835 B) (WE) (DIN 6359)

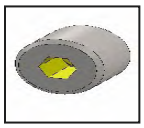
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-E32 (DIN 69893 - 5) (WE) | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.E32.6m60.WHS | HSK-E 32 WE06 060 2.5G 25000 SL | 6 | 25 | M6 | 60 | 34 | 1 |
| HK0.E32.8m60.WHS | HSK-E 32 WE08 060 2.5G 25000 SL | 8 | 28 | M8 | 60 | 34 | 1 |
| HK0.E32.10m65.WHS | HSK-E 32 WE10 065 2.5G 25000 SL | 10 | 35 | M10 | 65 | 40 | 1 |
| HK0.E32.12m65.WHS | HSK-E 32 WE12 065 2.5G 25000 SL | 12 | 42 | M12 | 65 | 46 | 1 |

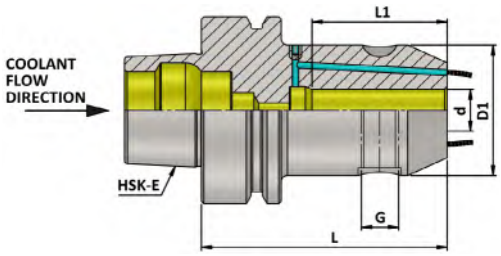
## Accessories:



LOCKING
SCREW SLA

# HSK E32 (DIN 69893-5) Weldon Type End Mill Holder (DIN 1835 B) (Face Coolant Channel) (WE : FCC) (DIN 6359)

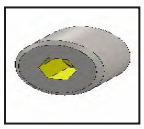
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK - E32 (DIN 69893 - 5) (WE : FCC) | | | | | | | (Balanced 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.E32.6m60.WHF | HSK-E32WE06060FCC2.5G25000SL | 6 | 25 | M6 | 60 | 34 | 1 |
| HK0.E32.8m60.WHF | HSK-E32WE08060FCC2.5G25000SL | 8 | 28 | M8 | 60 | 34 | 1 |
| HK0.E32.10m65.WHF | HSK-E32WE10065FCC2.5G25000SL | 10 | 35 | M10 | 65 | 40 | 1 |
| HK0.E32.12m65.WHF | HSK-E32WE12065FCC2.5G25000SL | 12 | 42 | M12 | 65 | 46 | 1 |

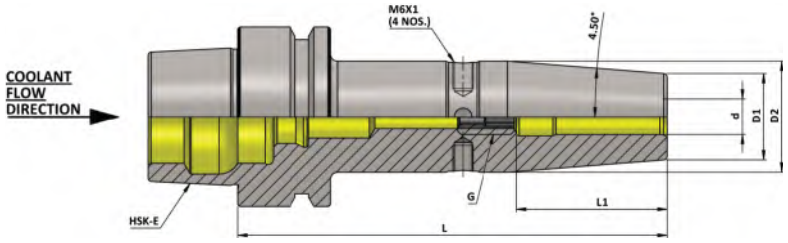
## Accessories:



LOCKING
SCREW SLA

# HSK-E40 (DIN 69893 - 5)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

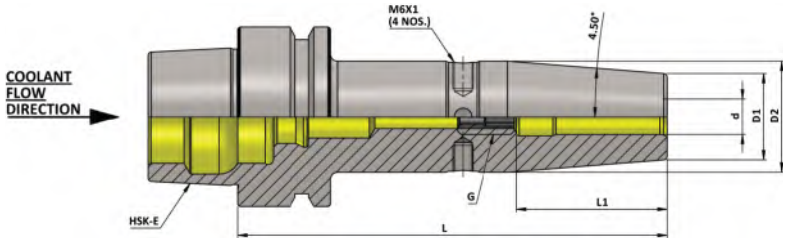



**METRIC**

| HSK-E40 (DIN 69893-5) (SFH 4.5° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.E40.3m60.SFS | HSK-E 40 SFH03 060 2.5G 25000 SL | 3 | 10 | 16 | – | 60 | 12 |
| HK0.E40.3m120.SFS | HSK-E 40 SFH03 120 2.5G 25000 SL | 3 | 10 | 16 | – | 120 | 12 |
| HK0.E40.3m160.SFS | HSK-E 40 SFH03 160 2.5G 25000 SL | 3 | 10 | 16 | – | 160 | 12 |
| HK0.E40.4m60.SFS | HSK-E 40 SFH04 060 2.5G 25000 SL | 4 | 12 | 18 | – | 60 | 14 |
| HK0.E40.4m120.SFS | HSK-E 40 SFH04 120 2.5G 25000 SL | 4 | 12 | 20 | – | 120 | 14 |
| HK0.E40.4m160.SFS | HSK-E 40 SFH04 160 2.5G 25000 SL | 4 | 12 | 20 | – | 160 | 14 |
| HK0.E40.5m60.SFS | HSK-E 40 SFH05 060 2.5G 25000 SL | 5 | 12 | 18 | – | 60 | 15 |
| HK0.E40.5m120.SFS | HSK-E 40 SFH05 120 2.5G 25000 SL | 5 | 12 | 22 | – | 120 | 15 |
| HK0.E40.5m160.SFS | HSK-E 40 SFH05 160 2.5G 25000 SL | 5 | 12 | 22 | – | 160 | 15 |
| HK0.E40.6m80.SFS | HSK-E 40 SFH06 080 2.5G 25000 SL | 6 | 21 | 27 | M5 | 80 | 36 |
| HK0.E40.6m120.SFS | HSK-E 40 SFH06 120 2.5G 25000 SL | 6 | 21 | 27 | M5 | 120 | 36 |
| HK0.E40.6m160.SFS | HSK-E 40 SFH06 160 2.5G 25000 SL | 6 | 21 | 27 | M5 | 160 | 36 |
| HK0.E40.8m80.SFS | HSK-E 40 SFH08 080 2.5G 25000 SL | 8 | 21 | 27 | M6 | 80 | 36 |
| HK0.E40.8m120.SFS | HSK-E 40 SFH08 120 2.5G 25000 SL | 8 | 21 | 27 | M6 | 120 | 36 |
| HK0.E40.8m160.SFS | HSK-E 40 SFH08 160 2.5G 25000 SL | 8 | 21 | 27 | M6 | 160 | 36 |
| HK0.E40.10m80.SFS | HSK-E 40 SFH10 080 2.5G 25000 SL | 10 | 24 | 32 | M8 | 80 | 41 |
| HK0.E40.10m120.SFS | HSK-E 40 SFH10 120 2.5G 25000 SL | 10 | 24 | 32 | M8 | 120 | 41 |
| HK0.E40.10m160.SFS | HSK-E 40 SFH10 160 2.5G 25000 SL | 10 | 24 | 32 | M8 | 160 | 41 |
| HK0.E40.12m90.SFS | HSK-E 40 SFH12 090 2.5G 25000 SL | 12 | 24 | 32 | M10 | 90 | 46 |
| HK0.E40.12m120.SFS | HSK-E 40 SFH12 120 2.5G 25000 SL | 12 | 24 | 32 | M10 | 120 | 46 |
| HK0.E40.12m160.SFS | HSK-E 40 SFH12 160 2.5G 25000 SL | 12 | 24 | 32 | M10 | 160 | 46 |
| HK0.E40.14m90.SFS | HSK-E 40 SFH14 090 2.5G 25000 SL | 14 | 27 | 34 | M10 | 90 | 46 |
| HK0.E40.14m120.SFS | HSK-E 40 SFH14 120 2.5G 25000 SL | 14 | 27 | 34 | M10 | 120 | 46 |
| HK0.E40.14m160.SFS | HSK-E 40 SFH14 160 2.5G 25000 SL | 14 | 27 | 34 | M10 | 160 | 46 |
| HK0.E40.16m90.SFS | HSK-E 40 SFH16 090 2.5G 25000 SL | 16 | 27 | 34 | M12 | 90 | 49 |
| HK0.E40.16m120.SFS | HSK-E 40 SFH16 120 2.5G 25000 SL | 16 | 27 | 34 | M12 | 120 | 49 |
| HK0.E40.16m160.SFS | HSK-E 40 SFH16 160 2.5G 25000 SL | 16 | 27 | 34 | M12 | 160 | 49 |

# HSK-E40 (DIN 69893 - 5)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

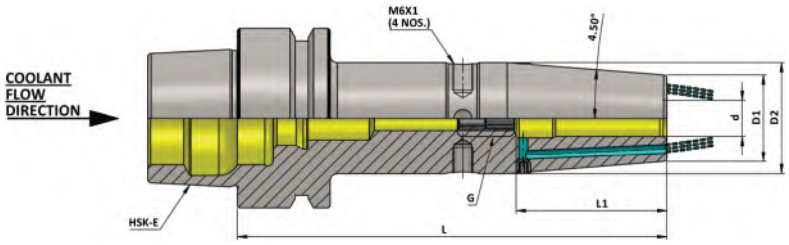



**INCH**

| HSK-E40 (DIN 69893-5) (SFH 4.5$^0$ ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.E40.1/8z2362.SFS | HSK-E 40 SFH1/8'' 60 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | – | 2.362" | 0.472" |
| HK0.E40.1/8z4724.SFS | HSK-E 40 SFH1/8'' 120 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | – | 4.724" | 0.472" |
| HK0.E40.1/8z6299.SFS | HSK-E 40 SFH1/8'' 160 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | – | 6.299" | 0.472" |
| HK0.E40.3/16z2362.SFS | HSK-E 40 SFH3/16'' 60 2.5G 25000 SL | 3/16" | 0.472" | 0.709" | – | 2.362" | 0.551" |
| HK0.E40.3/16z4724.SFS | HSK-E 40 SFH3/16'' 120 2.5G 25000 SL | 3/16" | 0.472" | 0.787" | – | 4.724" | 0.551" |
| HK0.E40.3/16z6299.SFS | HSK-E 40 SFH3/16'' 160 2.5G 25000 SL | 3/16" | 0.472" | 0.787" | – | 6.299" | 0.551" |
| HK0.E40.1/4z315.SFS | HSK-E 40 SFH1/4'' 80.0 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 3.15" | 1.417" |
| HK0.E40.1/4z4724.SFS | HSK-E 40 SFH1/4'' 120 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 4.724" | 1.417" |
| HK0.E40.1/4z6299.SFS | HSK-E 40 SFH1/4'' 160 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 6.299" | 1.417" |
| HK0.E40.5/16z315.SFS | HSK-E 40 SFH5/16'' 80.0 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 3.15" | 1.417" |
| HK0.E40.5/16z4724.SFS | HSK-E 40 SFH5/16'' 120 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 4.724" | 1.417" |
| HK0.E40.5/16z6299.SFS | HSK-E 40 SFH5/16'' 160 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 6.299" | 1.417" |
| HK0.E40.3/8z315.SFS | HSK-E 40 SFH3/8'' 80.0 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 3.15" | 1.614" |
| HK0.E40.3/8z4724.SFS | HSK-E 40 SFH3/8'' 120 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 4.724" | 1.614" |
| HK0.E40.3/8z6299.SFS | HSK-E 40 SFH3/8'' 160 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 6.299" | 1.614" |
| HK0.E40.1/2z3543.SFS | HSK-E 40 SFH1/2'' 090 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 3.543" | 1.811" |
| HK0.E40.1/2z4724.SFS | HSK-E 40 SFH1/2'' 120 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 4.724" | 1.811" |
| HK0.E40.1/2z6299.SFS | HSK-E 40 SFH1/2'' 160 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 6.299" | 1.811" |
| HK0.E40.5/8z3543.SFS | HSK-E 40 SFH5/8'' 090 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 3.543" | 1.929" |
| HK0.E40.5/8z4724.SFS | HSK-E 40 SFH5/8'' 120 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 4.724" | 1.929" |
| HK0.E40.5/8z6299.SFS | HSK-E 40 SFH5/8'' 160 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 6.299" | 1.929" |

# HSK-E40 (DIN 69893 - 5) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

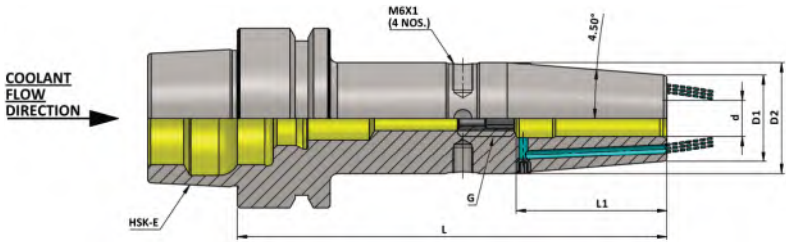



**METRIC**

| HSK-E40 (DIN 69893-5) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.E40.3m60.SFF | HSK-E 40 SFH03 060 FCC 2.5G 25000 SL | 3 | 10 | 16 | – | 60 | 12 |
| HK0.E40.3m120.SFF | HSK-E 40 SFH03 120 FCC 2.5G 25000 SL | 3 | 10 | 16 | – | 120 | 12 |
| HK0.E40.3m160.SFF | HSK-E 40 SFH03 160 FCC 2.5G 25000 SL | 3 | 10 | 16 | – | 160 | 12 |
| HK0.E40.4m60.SFF | HSK-E 40 SFH04 060 FCC 2.5G 25000 SL | 4 | 12 | 18 | – | 60 | 14 |
| HK0.E40.4m120.SFF | HSK-E 40 SFH04 120 FCC 2.5G 25000 SL | 4 | 12 | 20 | – | 120 | 14 |
| HK0.E40.4m160.SFF | HSK-E 40 SFH04 160 FCC 2.5G 25000 SL | 4 | 12 | 20 | – | 160 | 14 |
| HK0.E40.5m60.SFF | HSK-E 40 SFH05 060 FCC 2.5G 25000 SL | 5 | 12 | 18 | – | 60 | 15 |
| HK0.E40.5m120.SFF | HSK-E 40 SFH05 120 FCC 2.5G 25000 SL | 5 | 12 | 22 | – | 120 | 15 |
| HK0.E40.5m160.SFF | HSK-E 40 SFH05 160 FCC 2.5G 25000 SL | 5 | 12 | 22 | – | 160 | 15 |
| HK0.E40.6m80.SFF | HSK-E 40 SFH06 080 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 80 | 36 |
| HK0.E40.6m120.SFF | HSK-E 40 SFH06 120 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 120 | 36 |
| HK0.E40.6m160.SFF | HSK-E 40 SFH06 160 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 160 | 36 |
| HK0.E40.8m80.SFF | HSK-E 40 SFH08 080 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 80 | 36 |
| HK0.E40.8m120.SFF | HSK-E 40 SFH08 120 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 120 | 36 |
| HK0.E40.8m160.SFF | HSK-E 40 SFH08 160 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 160 | 36 |
| HK0.E40.10m80.SFF | HSK-E 40 SFH10 080 FCC 2.5G 25000 SL | 10 | 24 | 32 | M8 | 80 | 41 |
| HK0.E40.10m120.SFF | HSK-E 40 SFH10 120 FCC 2.5G 25000 SL | 10 | 24 | 32 | M8 | 120 | 41 |
| HK0.E40.10m160.SFF | HSK-E 40 SFH10 160 FCC 2.5G 25000 SL | 10 | 24 | 32 | M8 | 160 | 41 |
| HK0.E40.12m90.SFF | HSK-E 40 SFH12 090 FCC 2.5G 25000 SL | 12 | 24 | 32 | M10 | 90 | 46 |
| HK0.E40.12m120.SFF | HSK-E 40 SFH12 120 FCC 2.5G 25000 SL | 12 | 24 | 32 | M10 | 120 | 46 |
| HK0.E40.12m160.SFF | HSK-E 40 SFH12 160 FCC 2.5G 25000 SL | 12 | 24 | 32 | M10 | 160 | 46 |
| HK0.E40.14m90.SFF | HSK-E 40 SFH14 090 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 90 | 46 |
| HK0.E40.14m120.SFF | HSK-E 40 SFH14 120 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 120 | 46 |
| HK0.E40.14m160.SFF | HSK-E 40 SFH14 160 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 160 | 46 |
| HK0.E40.16m90.SFF | HSK-E 40 SFH16 090 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 90 | 49 |
| HK0.E40.16m120.SFF | HSK-E 40 SFH16 120 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 120 | 49 |
| HK0.E40.16m160.SFF | HSK-E 40 SFH16 160 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 160 | 49 |

# HSK-E40 (DIN 69893 - 5) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

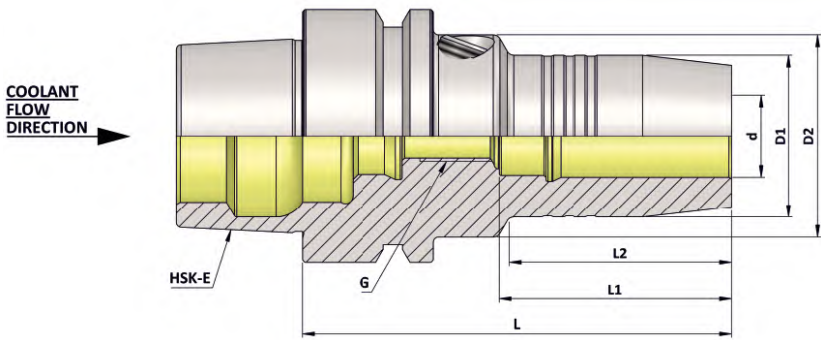



**INCH**

| HSK-E40 (DIN 69893-5) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.E40.1/8z2362.SFF | HSK-E 40 SFH1/8'' 60 FCC 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | – | 2.362" | 0.472" |
| HK0.E40.1/8z4724.SFF | HSK-E 40 SFH1/8'' 120 FCC 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | – | 4.724" | 0.472" |
| HK0.E40.1/8z6299.SFF | HSK-E 40 SFH1/8'' 160 FCC 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | – | 6.299" | 0.472" |
| HK0.E40.3/16z2362.SFF | HSK-E 40 SFH3/16'' 60 FCC 2.5G 25000 SL | 3/16" | 0.472" | 0.709" | – | 2.362" | 0.551" |
| HK0.E40.3/16z4724.SFF | HSK-E 40 SFH3/16'' 120 FCC 2.5G 25000 SL | 3/16" | 0.472" | 0.787" | – | 4.724" | 0.551" |
| HK0.E40.3/16z6299.SFF | HSK-E 40 SFH3/16'' 160 FCC 2.5G 25000 SL | 3/16" | 0.472" | 0.787" | – | 6.299" | 0.551" |
| HK0.E40.1/4z315.SFF | HSK-E 40 SFH1/4'' 80.0 FCC 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 3.15" | 1.417" |
| HK0.E40.1/4z4724.SFF | HSK-E 40 SFH1/4'' 120 FCC 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 4.724" | 1.417" |
| HK0.E40.1/4z6299.SFF | HSK-E 40 SFH1/4'' 160 FCC 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 6.299" | 1.417" |
| HK0.E40.5/16z315.SFF | HSK-E 40 SFH5/16'' 80.0 FCC 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 3.15" | 1.417" |
| HK0.E40.5/16z4724.SFF | HSK-E 40 SFH5/16'' 120 FCC 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 4.724" | 1.417" |
| HK0.E40.5/16z6299.SFF | HSK-E 40 SFH5/16'' 160 FCC 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 6.299" | 1.417" |
| HK0.E40.3/8z315.SFF | HSK-E 40 SFH3/8'' 80.0 FCC 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 3.15" | 1.614" |
| HK0.E40.3/8z4724.SFF | HSK-E 40 SFH3/8'' 120 FCC 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 4.724" | 1.614" |
| HK0.E40.3/8z6299.SFF | HSK-E 40 SFH3/8'' 160 FCC 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 6.299" | 1.614" |
| HK0.E40.1/2z3543.SFF | HSK-E 40 SFH1/2'' 090 FCC 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 3.543" | 1.811" |
| HK0.E40.1/2z4724.SFF | HSK-E 40 SFH1/2'' 120 FCC 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 4.724" | 1.811" |
| HK0.E40.1/2z6299.SFF | HSK-E 40 SFH1/2'' 160 FCC 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 6.299" | 1.811" |
| HK0.E40.5/8z3543.SFF | HSK-E 40 SFH5/8'' 090 FCC 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 3.543" | 1.929" |
| HK0.E40.5/8z4724.SFF | HSK-E 40 SFH5/8'' 120 FCC 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 4.724" | 1.929" |
| HK0.E40.5/8z6299.SFF | HSK-E 40 SFH5/8'' 160 FCC 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 6.299" | 1.929" |

# HSK-E40 (DIN 69893-5)
# Form A Hydraulic Expansion Chuck

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

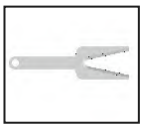
| HSK-E40 (DIN 69893-5) Hydraulic Expansion Chuck | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
| HK0.E40.6m70.HCS | HSK-E40HC060702.5G25000SL | 6 | 26 | 33.5 | M5 | 70 | 37 | 36 |
| HK0.E40.8m70.HCS | HSK-E40HC080702.5G25000SL | 8 | 28 | 33.5 | M6 | 70 | 37 | 36 |
| HK0.E40.10m75.HCS | HSK-E40HC100752.5G25000SL | 10 | 30 | 33.5 | M6 | 75 | 41 | 42 |
| HK0.E40.12m80.HCS | HSK-E40HC120802.5G25000SL | 12 | 32 | 33.5 | M6 | 80 | 46 | 48 |

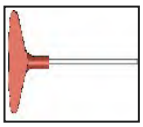
**INCH**

| HSK-E40 (DIN 69893-5) Hydraulic Expansion Chuck | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
| HK0.E40.1/4z2756.HCS | HSK-E40HC1/4''0702.5G25000SL | 1/4'' | 1.024" | 1.319" | M5 | 2.756" | 1.457" | 1.417" |
| HK0.E40.5/16z2756.HCS | HSK-E40HC5/16''0702.5G25000SL | 5/16'' | 1.102" | 1.319" | M6 | 2.756" | 1.457" | 1.417" |
| HK0.E40.3/8z2953.HCS | HSK-E40HC3/8''0752.5G25000SL | 3/8'' | 1.181" | 1.319" | M6 | 2.953" | 1.614" | 1.654" |
| HK0.E40.1/2m315.HCS | HSK-E40HC1/2''0802.5G25000SL | 1/2" | 1.26" | 1.319" | M6 | 3.15" | 1.811" | 1.89" |

## Accessories:

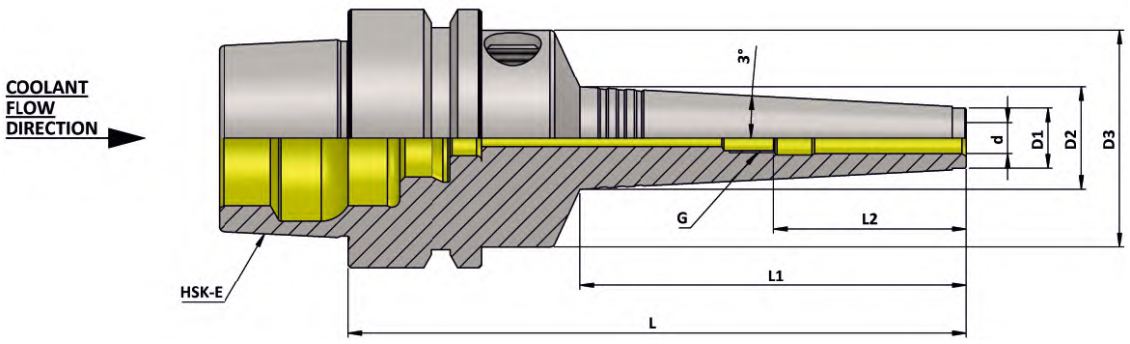

REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

# HSK-E40 (DIN 69893-5) Form A
# Hydraulic Expansion Chuck Slim 3 Degree

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

| HSK-E40 (DIN 69893-5) Hydraulic Expansion Chuck Slim 3 Degree | | | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| Product Code | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 |
| HK0.E40.3m90.HC3 | HSK-E40HC03090SLIM2.5G25000SL | 3 | 11 | 14.0 | 46 | M2.5 | 90 | 28 | 28 |
| HK0.E40.4m90.HC3 | HSK-E40HC04090SLIM2.5G25000SL | 4 | 11 | 14.0 | 46 | M2.5 | 90 | 28 | 28 |
| HK0.E40.5m90.HC3 | HSK-E40HC05090SLIM2.5G25000SL | 5 | 12 | 14.9 | 46 | M2.5 | 90 | 28 | 28 |
| HK0.E40.6m105.HC3 | HSK-E40HC06105SLIM2.5G25000SL | 6 | 13 | 17.0 | 46 | M5 | 105 | 38 | 37 |
| HK0.E40.8m105.HC3 | HSK-E40HC08105SLIM2.5G25000SL | 8 | 15 | 19.0 | 46 | M6 | 105 | 38 | 37 |
| HK0.E40.10m120.HC3 | HSK-E40HC10120SLIM2.5G25000SL | 10 | 17 | 22.6 | 46 | M6 | 120 | 53 | 41 |
| HK0.E40.12m120.HC3 | HSK-E40HC12120SLIM2.5G25000SL | 12 | 19 | 24.6 | 46 | M6 | 120 | 53 | 46 |

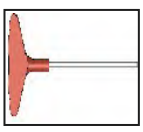
**INCH**

| HSK-E40 (DIN 69893-5) Hydraulic Expansion Chuck Slim 3 Degree | | | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| Product Code | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 |
| HK0.E40.1/8z3543.HC3 | HSK-E 40 HC1/8'' 090 SLIM 2.5G 25000SL | 1/8'' | 0.433" | 0.551" | 1.811" | M2.5 | 3.543" | 1.102" | 1.102" |
| HK0.E40.3/16z3543.HC3 | HSK-E40HC3/16''090SLIM2.5G25000SL | 3/16'' | 0.433" | 0.551" | 1.811" | M2.5 | 3.543" | 1.102" | 1.102" |
| HK0.E40.1/4z4134.HC3 | HSK-E 40 HC1/4'' 105 SLIM 2.5G 25000SL | 1/4'' | 0.512" | 0.669" | 1.811" | M5 | 4.134" | 1.496" | 1.457" |
| HK0.E40.5/16z4134.HC3 | HSK-E40HC5/16''105SLIM2.5G25000SL | 5/16'' | 0.591" | 0.748" | 1.811" | M6 | 4.134" | 1.496" | 1.457" |
| HK0.E40.3/8z4724.HC3 | HSK-E 40 HC3/8'' 120 SLIM 2.5G 25000SL | 3/8'' | 0.669" | 0.89" | 1.811" | M6 | 4.724" | 2.087" | 1.614" |
| HK0.E40.1/2z4724.HC3 | HSK-E 40 HC1/2'' 120 SLIM 2.5G 25000SL | 1/2'' | 0.748" | 0.969" | 1.811" | M6 | 4.724" | 2.087" | 1.811" |

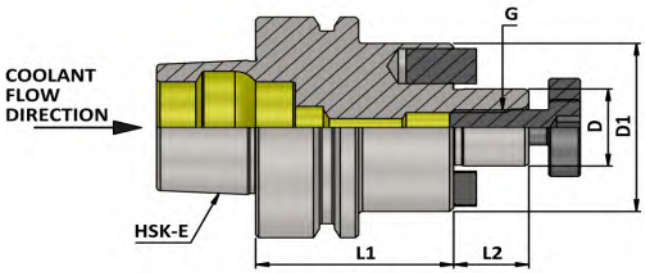
## Accessories:


REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

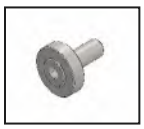
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-E40 (DIN 69893-5) FMH | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.E40.16m50.FMS | HSK-E40FMH160502.5G25000SLSP.S | 16 | 38 | 50 | 17 | M8 X 1.25P |

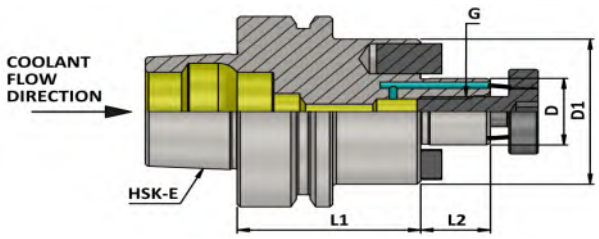
## Accessories:



FMH / CSMA
CLAMPING
SCREW

# HSK-E40 (DIN 69893-5) Face Mill Holder (Through Coolant) (DIN 6357) FMH - K

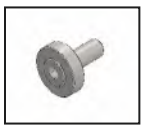
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

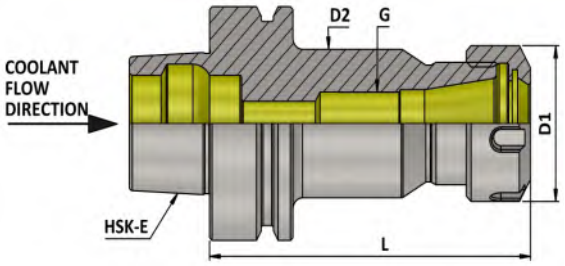
| HSK-E40 (DIN 69893-5) FMH -K | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.E40.16m50.FMK | HSK-E40FMH-K160502.5G25000SLSP.S | 16 | 38 | 50 | 17 | M8 X 1.25P |

## Accessories:



FMH / CSMA
CLAMPING
SCREW

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK - E40 (DIN 69893 - 5) Collet Chuck ER | | | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Suitable Collet | Collet Capacity | D1 | D2 | G | L | Nut | Spanner |
| HK0.E40.32m60.ERS | HSK-E 40 ER 16 060 2.5G 25000 SL | ER16 | 0.5-10 | 32 | - | M10X1P | 60 | UM/ER16 | E16 |
| HK0.E40.42m70.ERS | HSK-E 40 ER 25 070 2.5G 25000 SL | ER25 | 1.0-16 | 42 | - | M18X1P | 70 | UM/ER25 | E25 |

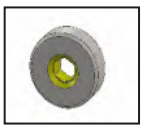
## Accessories:


ER COLLET (DIN 6499)

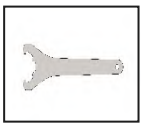

TAP COLLET ER-G


QC TAP COLLET QCTC


ER NUT

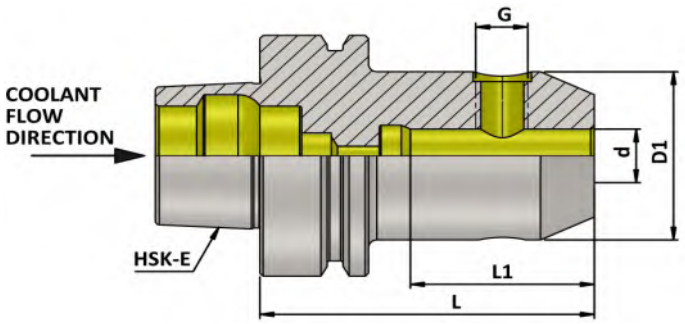

ER STOPPER SCREW


SEALING DISC


SPANNER E

# HSK-E40 (DIN 69893 -5) Weldon Type
# End Mill Holder (DIN 1835 B) (WE) (DIN 6359)

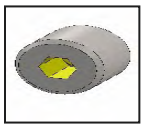
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-E40 (DIN 69893 - 5) (WE) | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **PRODUCT CODE** | **Item Name** | **d** | **D1** | **G** | **L** | **L1** | **Screw Qty** |
| HK0.E40.6m60.WHS | HSK-E 40 WE06 060 2.5G 25000 SL | 6 | 25 | M6 | 60 | 34 | 1 |
| HK0.E40.8m60.WHS | HSK-E 40 WE08 060 2.5G 25000 SL | 8 | 28 | M8 | 60 | 34 | 1 |
| HK0.E40.10m60.WHS | HSK-E 40 WE10 060 2.5G 25000 SL | 10 | 35 | M10 | 60 | 40 | 1 |
| HK0.E40.12m70.WHS | HSK-E 40 WE12 070 2.5G 25000 SL | 12 | 42 | M12 | 70 | 46 | 1 |
| HK0.E40.14m70.WHS | HSK-E 40 WE14 070 2.5G 25000 SL | 14 | 44 | M12 | 70 | 46 | 1 |
| HK0.E40.16m75.WHS | HSK-E 40 WE16 075 2.5G 25000 SL | 16 | 48 | M14 | 75 | 48 | 1 |

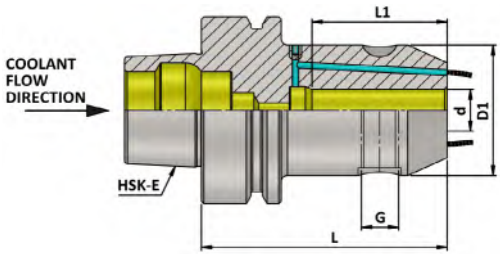
## Accessories:



LOCKING
SCREW SLA

# HSK E40 (DIN 69893-5) Weldon Type End Mill Holder (DIN 1835 B) (Face Coolant Channel) (WE : FCC) (DIN 6359)

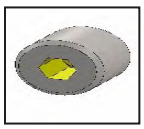
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK - E40 (DIN 69893 - 5) (WE : FCC) | | | | | | | (Balanced 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.E40.6m60.WHF | HSK-E40WE06060FCC2.5G25000SL | 6 | 25 | M6 | 60 | 34 | 1 |
| HK0.E40.8m60.WHF | HSK-E40WE08060FCC2.5G25000SL | 8 | 28 | M8 | 60 | 34 | 1 |
| HK0.E40.10m60.WHF | HSK-E40WE10060FCC2.5G25000SL | 10 | 35 | M10 | 60 | 40 | 1 |
| HK0.E40.12m70.WHF | HSK-E40WE12070FCC2.5G25000SL | 12 | 42 | M12 | 70 | 46 | 1 |
| HK0.E40.14m70.WHF | HSK-E40WE14070FCC2.5G25000SL | 14 | 44 | M12 | 70 | 46 | 1 |
| HK0.E40.16m75.WHF | HSK-E40WE14075FCC2.5G25000SL | 16 | 48 | M14 | 75 | 48 | 1 |

## Accessories:



LOCKING
SCREW SLA




## HSK E50 . DIN 69893

| | |
|---|---|
| **310** | **Shrink Fit Holders** |
| 310 | 4.5 ° |
| 312 | 4.5 ° Face Coolant Channel |
| **314** | **Hydraulic Chucks** |
| 314 | Standard |
| 315 | Slim 3 ° |
| **316** | **Face Mill Holders** |
| 316 | Standard |
| 317 | Through Coolant (FMH -k) |
| **318** | **ER Collect Chuck** |
| 318 | Standard |
| **319** | **Weldon Type End Mill Holders** |
| 319 | Standard |
| 320 | Face Coolant Channel |

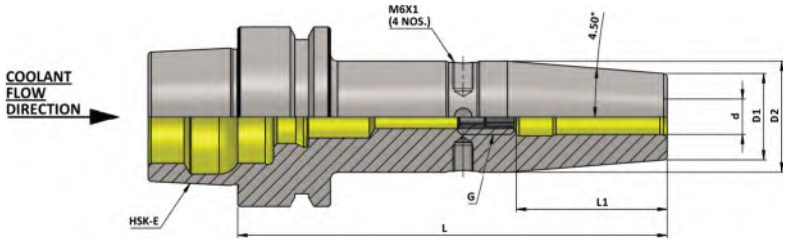
| | |
|---|---|
| **330** | **Weldon Type End Mill Holders** |
| 330 | Standard |
| 331 | Face Coolant Channel |

## HSK E63 . DIN 69893

| | |
|---|---|
| **321** | **Shrink Fit Holders** |
| 321 | 4.5 ° |
| 324 | 4.5 ° Face Coolant Channel |
| **327** | **Face Mill Holders** |
| 327 | Standard |
| 328 | Through Coolant (FMH -k) |
| **329** | **ER Collect Chuck** |
| 329 | Standard |

# HSK-E50 (DIN 69893 - 5)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

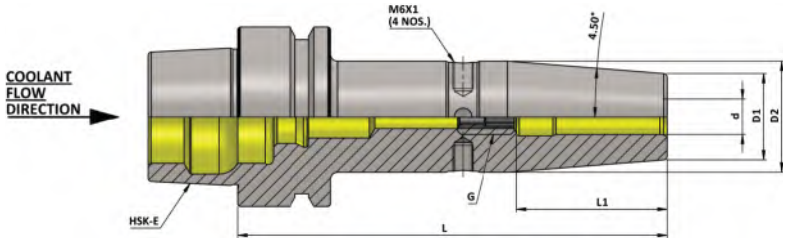



**METRIC**

| HSK-E50 (DIN 69893-5) (SFH 4.5° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.E50.3m80.SFS | HSK-E 50 SFH03 080 2.5G 25000 SL | 3 | 10 | 16 | – | 80 | 12 |
| HK0.E50.3m120.SFS | HSK-E 50 SFH03 120 2.5G 25000 SL | 3 | 10 | 16 | – | 120 | 12 |
| HK0.E50.3m160.SFS | HSK-E 50 SFH03 160 2.5G 25000 SL | 3 | 10 | 16 | – | 160 | 12 |
| HK0.E50.4m80.SFS | HSK-E 50 SFH04 080 2.5G 25000 SL | 4 | 12 | 20 | – | 80 | 14 |
| HK0.E50.4m120.SFS | HSK-E 50 SFH04 120 2.5G 25000 SL | 4 | 12 | 22 | – | 120 | 14 |
| HK0.E50.4m160.SFS | HSK-E 50 SFH04 160 2.5G 25000 SL | 4 | 12 | 22 | – | 160 | 14 |
| HK0.E50.5m80.SFS | HSK-E 50 SFH05 080 2.5G 25000 SL | 5 | 12 | 20.5 | – | 80 | 15 |
| HK0.E50.5m120.SFS | HSK-E 50 SFH05 120 2.5G 25000 SL | 5 | 12 | 22 | – | 120 | 15 |
| HK0.E50.5m160.SFS | HSK-E 50 SFH05 160 2.5G 25000 SL | 5 | 12 | 22 | – | 160 | 15 |
| HK0.E50.6m80.SFS | HSK-E 50 SFH06 080 2.5G 25000 SL | 6 | 21 | 27 | M5 | 80 | 36 |
| HK0.E50.6m120.SFS | HSK-E 50 SFH06 120 2.5G 25000 SL | 6 | 21 | 27 | M5 | 120 | 36 |
| HK0.E50.6m160.SFS | HSK-E 50 SFH06 160 2.5G 25000 SL | 6 | 21 | 27 | M5 | 160 | 36 |
| HK0.E50.8m80.SFS | HSK-E 50 SFH08 080 2.5G 25000 SL | 8 | 21 | 27 | M6 | 80 | 36 |
| HK0.E50.8m120.SFS | HSK-E 50 SFH08 120 2.5G 25000 SL | 8 | 21 | 27 | M6 | 120 | 36 |
| HK0.E50.8m160.SFS | HSK-E 50 SFH08 160 2.5G 25000 SL | 8 | 21 | 27 | M6 | 160 | 36 |
| HK0.E50.10m85.SFS | HSK-E 50 SFH10 085 2.5G 25000 SL | 10 | 24 | 32 | M8 | 85 | 41 |
| HK0.E50.10m120.SFS | HSK-E 50 SFH10 120 2.5G 25000 SL | 10 | 24 | 32 | M8 | 120 | 41 |
| HK0.E50.10m160.SFS | HSK-E 50 SFH10 160 2.5G 25000 SL | 10 | 24 | 32 | M8 | 160 | 41 |
| HK0.E50.12m90.SFS | HSK-E 50 SFH12 090 2.5G 25000 SL | 12 | 24 | 32 | M10 | 90 | 46 |
| HK0.E50.12m120.SFS | HSK-E 50 SFH12 120 2.5G 25000 SL | 12 | 24 | 32 | M10 | 120 | 46 |
| HK0.E50.12m160.SFS | HSK-E 50 SFH12 160 2.5G 25000 SL | 12 | 24 | 32 | M10 | 160 | 46 |
| HK0.E50.14m90.SFS | HSK-E 50 SFH14 090 2.5G 25000 SL | 14 | 27 | 34 | M10 | 90 | 46 |
| HK0.E50.14m120.SFS | HSK-E 50 SFH14 120 2.5G 25000 SL | 14 | 27 | 34 | M10 | 120 | 46 |
| HK0.E50.14m160.SFS | HSK-E 50 SFH14 160 2.5G 25000 SL | 14 | 27 | 34 | M10 | 160 | 46 |
| HK0.E50.16m95.SFS | HSK-E 50 SFH16 095 2.5G 25000 SL | 16 | 27 | 34 | M12 | 95 | 49 |
| HK0.E50.16m120.SFS | HSK-E 50 SFH16 120 2.5G 25000 SL | 16 | 27 | 34 | M12 | 120 | 49 |
| HK0.E50.16m160.SFS | HSK-E 50 SFH16 160 2.5G 25000 SL | 16 | 27 | 34 | M12 | 160 | 49 |
| HK0.E50.18m95.SFS | HSK-E 50 SFH18 095 2.5G 25000 SL | 18 | 33 | 42 | M12 | 95 | 49 |
| HK0.E50.18m120.SFS | HSK-E 50 SFH18 120 2.5G 25000 SL | 18 | 33 | 42 | M12 | 120 | 49 |
| HK0.E50.18m160.SFS | HSK-E 50 SFH18 160 2.5G 25000 SL | 18 | 33 | 42 | M12 | 160 | 49 |
| HK0.E50.20m100.SFS | HSK-E 50 SFH20 100 2.5G 25000 SL | 20 | 33 | 42 | M16 | 100 | 51 |
| HK0.E50.20m120.SFS | HSK-E 50 SFH20 120 2.5G 25000 SL | 20 | 33 | 42 | M16 | 120 | 51 |
| HK0.E50.20m160.SFS | HSK-E 50 SFH20 160 2.5G 25000 SL | 20 | 33 | 42 | M16 | 160 | 51 |

# HSK-E50 (DIN 69893 - 5)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

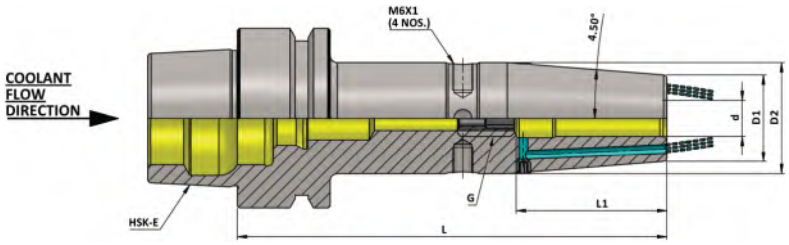



**INCH**

| HSK-E50 (DIN 69893-5) (SFH 4.5$^0$ ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.E50.1/8z2362.SFS | HSK-E 50 SFH1/8'' 060 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | – | 2.362" | 0.472" |
| HK0.E50.1/8z4724.SFS | HSK-E 50 SFH1/8'' 120 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | – | 4.724" | 0.472" |
| HK0.E50.1/8z6299.SFS | HSK-E 50 SFH1/8'' 160 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | – | 6.299" | 0.472" |
| HK0.E50.3/16z2362.SFS | HSK-E 50 SFH3/16'' 060 2.5G 25000 SL | 3/16" | 0.472" | 0.787" | – | 2.362" | 0.551" |
| HK0.E50.3/16z4724.SFS | HSK-E 50 SFH3/16'' 120 2.5G 25000 SL | 3/16" | 0.472" | 0.866" | – | 4.724" | 0.551" |
| HK0.E50.3/16z6299.SFS | HSK-E 50 SFH3/16'' 160 2.5G 25000 SL | 3/16" | 0.472" | 0.866" | – | 6.299" | 0.551" |
| HK0.E50.1/4z315.SFS | HSK-E 50 SFH1/4'' 080 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 3.15" | 1.417" |
| HK0.E50.1/4z4724.SFS | HSK-E 50 SFH1/4'' 120 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 4.724" | 1.417" |
| HK0.E50.1/4z6299.SFS | HSK-E 50 SFH1/4'' 160 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 6.299" | 1.417" |
| HK0.E50.5/16z315.SFS | HSK-E 50 SFH5/16'' 080 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 3.15" | 1.417" |
| HK0.E50.5/16z4724.SFS | HSK-E 50 SFH5/16'' 120 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 4.724" | 1.417" |
| HK0.E50.5/16z6299.SFS | HSK-E 50 SFH5/16'' 160 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 6.299" | 1.417" |
| HK0.E50.3/8z315.SFS | HSK-E 50 SFH3/8'' 080 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 3.15" | 1.614" |
| HK0.E50.3/8z4724.SFS | HSK-E 50 SFH3/8'' 120 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 4.724" | 1.614" |
| HK0.E50.3/8z6299.SFS | HSK-E 50 SFH3/8'' 160 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 6.299" | 1.614" |
| HK0.E50.1/2z3543.SFS | HSK-E 50 SFH1/2'' 090 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 3.543" | 1.811" |
| HK0.E50.1/2z4724.SFS | HSK-E 50 SFH1/2'' 120 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 4.724" | 1.811" |
| HK0.E50.1/2z6299.SFS | HSK-E 50 SFH1/2'' 160 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 6.299" | 1.811" |
| HK0.E50.5/8z374.SFS | HSK-E 50 SFH5/8'' 095 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 3.74" | 1.929" |
| HK0.E50.5/8z4724.SFS | HSK-E 50 SFH5/8'' 120 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 4.724" | 1.929" |
| HK0.E50.5/8z6299.SFS | HSK-E 50 SFH5/8'' 160 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 6.299" | 1.929" |

# HSK-E50 (DIN 69893 - 5) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

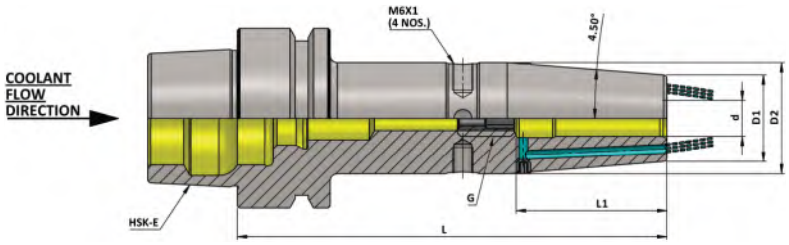



**METRIC**

| HSK-E50 (DIN 69893-5) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.E50.3m80.SFF | HSK-E 50 SFH03 080 FCC 2.5G 25000 SL | 3 | 10 | 16 | — | 80 | 12 |
| HK0.E50.3m120.SFF | HSK-E 50 SFH03 120 FCC 2.5G 25000 SL | 3 | 10 | 16 | — | 120 | 12 |
| HK0.E50.3m160.SFF | HSK-E 50 SFH03 160 FCC 2.5G 25000 SL | 3 | 10 | 16 | — | 160 | 12 |
| HK0.E50.4m80.SFF | HSK-E 50 SFH04 080 FCC 2.5G 25000 SL | 4 | 12 | 20 | — | 80 | 14 |
| HK0.E50.4m120.SFF | HSK-E 50 SFH04 120 FCC 2.5G 25000 SL | 4 | 12 | 22 | — | 120 | 14 |
| HK0.E50.4m160.SFF | HSK-E 50 SFH04 160 FCC 2.5G 25000 SL | 4 | 12 | 22 | — | 160 | 14 |
| HK0.E50.5m80.SFF | HSK-E 50 SFH05 080 FCC 2.5G 25000 SL | 5 | 12 | 20.5 | — | 80 | 15 |
| HK0.E50.5m120.SFF | HSK-E 50 SFH05 120 FCC 2.5G 25000 SL | 5 | 12 | 22 | — | 120 | 15 |
| HK0.E50.5m160.SFF | HSK-E 50 SFH05 160 FCC 2.5G 25000 SL | 5 | 12 | 22 | — | 160 | 15 |
| HK0.E50.6m80.SFF | HSK-E 50 SFH06 080 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 80 | 36 |
| HK0.E50.6m120.SFF | HSK-E 50 SFH06 120 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 120 | 36 |
| HK0.E50.6m160.SFF | HSK-E 50 SFH06 160 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 160 | 36 |
| HK0.E50.8m80.SFF | HSK-E 50 SFH08 080 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 80 | 36 |
| HK0.E50.8m120.SFF | HSK-E 50 SFH08 120 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 120 | 36 |
| HK0.E50.8m160.SFF | HSK-E 50 SFH08 160 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 160 | 36 |
| HK0.E50.10m85.SFF | HSK-E 50 SFH10 085 FCC 2.5G 25000 SL | 10 | 24 | 32 | M8 | 85 | 41 |
| HK0.E50.10m120.SFF | HSK-E 50 SFH10 120 FCC 2.5G 25000 SL | 10 | 24 | 32 | M8 | 120 | 41 |
| HK0.E50.10m160.SFF | HSK-E 50 SFH10 160 FCC 2.5G 25000 SL | 10 | 24 | 32 | M8 | 160 | 41 |
| HK0.E50.12m90.SFF | HSK-E 50 SFH12 090 FCC 2.5G 25000 SL | 12 | 24 | 32 | M10 | 90 | 46 |
| HK0.E50.12m120.SFF | HSK-E 50 SFH12 120 FCC 2.5G 25000 SL | 12 | 24 | 32 | M10 | 120 | 46 |
| HK0.E50.12m160.SFF | HSK-E 50 SFH12 160 FCC 2.5G 25000 SL | 12 | 24 | 32 | M10 | 160 | 46 |
| HK0.E50.14m90.SFF | HSK-E 50 SFH14 090 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 90 | 46 |
| HK0.E50.14m120.SFF | HSK-E 50 SFH14 120 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 120 | 46 |
| HK0.E50.14m160.SFF | HSK-E 50 SFH14 160 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 160 | 46 |
| HK0.E50.16m95.SFF | HSK-E 50 SFH16 095 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 95 | 49 |
| HK0.E50.16m120.SFF | HSK-E 50 SFH16 120 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 120 | 49 |
| HK0.E50.16m160.SFF | HSK-E 50 SFH16 160 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 160 | 49 |
| HK0.E50.18m95.SFF | HSK-E 50 SFH18 095 FCC 2.5G 25000 SL | 18 | 33 | 42 | M12 | 95 | 49 |
| HK0.E50.18m120.SFF | HSK-E 50 SFH18 120 FCC 2.5G 25000 SL | 18 | 33 | 42 | M12 | 120 | 49 |
| HK0.E50.18m160.SFF | HSK-E 50 SFH18 160 FCC 2.5G 25000 SL | 18 | 33 | 42 | M12 | 160 | 49 |
| HK0.E50.20m100.SFF | HSK-E 50 SFH20 100 FCC 2.5G 25000 SL | 20 | 33 | 42 | M16 | 100 | 51 |
| HK0.E50.20m120.SFF | HSK-E 50 SFH20 120 FCC 2.5G 25000 SL | 20 | 33 | 42 | M16 | 120 | 51 |
| HK0.E50.20m160.SFF | HSK-E 50 SFH20 160 FCC 2.5G 25000 SL | 20 | 33 | 42 | M16 | 160 | 51 |

# HSK-E50 (DIN 69893 - 5) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

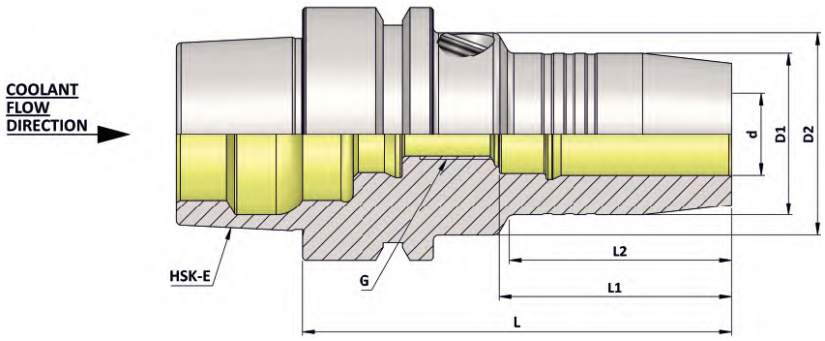



**INCH**

| HSK-E50 (DIN 69893-5) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.E50.1/8z2362.SFF | HSK-E 50 SFH1/8'' 060 FCC 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | — | 2.362" | 0.472" |
| HK0.E50.1/8z4724.SFF | HSK-E 50 SFH1/8'' 120 FCC 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | — | 4.724" | 0.472" |
| HK0.E50.1/8z6299.SFF | HSK-E 50 SFH1/8'' 160 FCC 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | — | 6.299" | 0.472" |
| HK0.E50.3/16z2362.SFF | HSK-E 50 SFH3/16'' 060 FCC 2.5G 25000 SL | 3/16" | 0.472" | 0.787" | — | 2.362" | 0.551" |
| HK0.E50.3/16z4724.SFF | HSK-E 50 SFH3/16'' 120 FCC 2.5G 25000 SL | 3/16" | 0.472" | 0.866" | — | 4.724" | 0.551" |
| HK0.E50.3/16z6299.SFF | HSK-E 50 SFH3/16'' 160 FCC 2.5G 25000 SL | 3/16" | 0.472" | 0.866" | — | 6.299" | 0.551" |
| HK0.E50.1/4z315.SFF | HSK-E 50 SFH1/4'' 080 FCC 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 3.15" | 1.417" |
| HK0.E50.1/4z4724.SFF | HSK-E 50 SFH1/4'' 120 FCC 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 4.724" | 1.417" |
| HK0.E50.1/4z6299.SFF | HSK-E 50 SFH1/4'' 160 FCC 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 6.299" | 1.417" |
| HK0.E50.5/16z315.SFF | HSK-E 50 SFH5/16'' 080 FCC 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 3.15" | 1.417" |
| HK0.E50.5/16z4724.SFF | HSK-E 50 SFH5/16'' 120 FCC 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 4.724" | 1.417" |
| HK0.E50.5/16z6299.SFF | HSK-E 50 SFH5/16'' 160 FCC 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 6.299" | 1.417" |
| HK0.E50.3/8z315.SFF | HSK-E 50 SFH3/8'' 080 FCC 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 3.15" | 1.614" |
| HK0.E50.3/8z4724.SFF | HSK-E 50 SFH3/8'' 120 FCC 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 4.724" | 1.614" |
| HK0.E50.3/8z6299.SFF | HSK-E 50 SFH3/8'' 160 FCC 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 6.299" | 1.614" |
| HK0.E50.1/2z3543.SFF | HSK-E 50 SFH1/2'' 090 FCC 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 3.543" | 1.811" |
| HK0.E50.1/2z4724.SFF | HSK-E 50 SFH1/2'' 120 FCC 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 4.724" | 1.811" |
| HK0.E50.1/2z6299.SFF | HSK-E 50 SFH1/2'' 160 FCC 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 6.299" | 1.811" |
| HK0.E50.5/8z3543.SFF | HSK-E 50 SFH5/8'' 095 FCC 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 3.543" | 1.929" |
| HK0.E50.5/8z4724.SFF | HSK-E 50 SFH5/8'' 120 FCC 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 4.724" | 1.929" |
| HK0.E50.5/8z6299.SFF | HSK-E 50 SFH5/8'' 160 FCC 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 6.299" | 1.929" |

# HSK-E50 (DIN 69893-5)
# Form A Hydraulic Expansion Chuck

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

**HSK-E50 (DIN 69893-5) Hydraulic Expansion Chuck**

| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
|---|---|---|---|---|---|---|---|---|
| HK0.E50.6m70.HCS | HSK-E50HC060702.5G25000SL | 6 | 26 | 40 | M5 | 70 | 37 | 28 |
| HK0.E50.8m70.HCS | HSK-E50HC080702.5G25000SL | 8 | 28 | 40 | M6 | 70 | 37 | 28 |
| HK0.E50.10m75.HCS | HSK-E50HC100752.5G25000SL | 10 | 30 | 40 | M8 | 75 | 41 | 34 |
| HK0.E50.12m85.HCS | HSK-E50HC120852.5G25000SL | 12 | 32 | 40 | M10 | 85 | 46 | 44 |
| HK0.E50.14m85.HCS | HSK-E50HC140852.5G25000SL | 14 | 34 | 40 | M10 | 85 | 46 | 44 |
| HK0.E50.16m90.HCS | HSK-E50HC160902.5G25000SL | 16 | 38 | 42 | M12 | 90 | 49 | 30 |
| HK0.E50.18m90.HCS | HSK-E50HC180902.5G25000SL | 18 | 40 | 42 | M12 | 90 | 49 | 29 |
| HK0.E50.20m90.HCS | HSK-E50HC200902.5G25000SL | 20 | 42 | 42 | M16 | 90 | 51 | 29 |

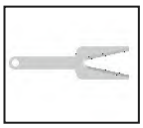
**INCH**

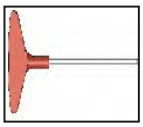
**HSK-E50 (DIN 69893-5) Hydraulic Expansion Chuck**

| PRODUCT CODE | Item Name | d | D1 | D2 | G | L | L1 | L2 |
|---|---|---|---|---|---|---|---|---|
| HK0.E50.1/4z2756.HCS | HSK-E50HC1/4''0702.5G25000SL | 1/4'' | 1.024" | 1.575" | M5 | 2.756" | 1.457" | 1.102" |
| HK0.E50.5/16z2756.HCS | HSK-E50HC5/16''0702.5G25000SL | 5/16'' | 1.102" | 1.575" | M6 | 2.756" | 1.457" | 1.102" |
| HK0.E50.3/8z2953.HCS | HSK-E50HC3/8''0752.5G25000SL | 3/8'' | 1.181" | 1.575" | M8 | 2.953" | 1.614" | 1.339" |
| HK0.E50.1/2'm3346.HCS | HSK-E50HC1/2''0852.5G25000SL | 1/2' | 1.26" | 1.575" | M10 | 3.346" | 1.811" | 1.732" |
| HK0.E50.5/8z3543.HCS | HSK-E50HC5/8''0902.5G25000SL | 5/8'' | 1.496" | 1.654" | M12 | 3.543" | 1.929" | 1.181" |
| HK0.E50.3/4z3543.HCS | HSK-E50HC3/4''0902.5G25000SL | 3/4'' | 1.654" | 1.654" | M16 | 3.543" | 2.008" | 1.142" |

## Accessories:

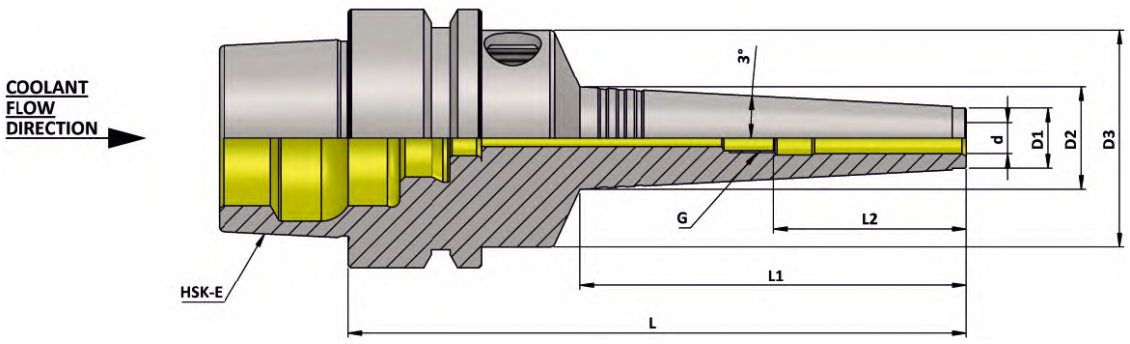

REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

# HSK-E50 (DIN 69893-5) Form A
# Hydraulic Expansion Chuck Slim 3 Degree

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

| HSK-E50 (DIN 69893-5) Hydraulic Expansion Chuck Slim 3 Degree | | | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| Product Code | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 |
| HK0.E50.3m95.HC3 | HSK-E50HC03095SLIM2.5G25000SL | 3 | 11 | 14.0 | 46 | M2.5 | 95 | 28 | 28 |
| HK0.E50.4m95.HC3 | HSK-E50HC04095SLIM2.5G25000SL | 4 | 11 | 14.0 | 46 | M2.5 | 95 | 28 | 28 |
| HK0.E50.5m95.HC3 | HSK-E50HC05095SLIM2.5G25000SL | 5 | 12 | 14.9 | 46 | M2.5 | 95 | 28 | 28 |
| HK0.E50.6m105.HC3 | HSK-E50HC06105SLIM2.5G25000SL | 6 | 13 | 17.0 | 46 | M5 | 105 | 38 | 37 |
| HK0.E50.8m105.HC3 | HSK-E50HC08105SLIM2.5G25000SL | 8 | 15 | 19.0 | 46 | M6 | 105 | 38 | 37 |
| HK0.E50.10m120.HC3 | HSK-E50HC10120SLIM2.5G25000SL | 10 | 17 | 22.6 | 46 | M8 | 120 | 53 | 41 |
| HK0.E50.12m120.HC3 | HSK-E50HC12120SLIM2.5G25000SL | 12 | 19 | 24.6 | 46 | M10 | 120 | 53 | 46 |

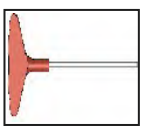
**INCH**

| HSK-E50 (DIN 69893-5) Hydraulic Expansion Chuck Slim 3 Degree | | | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| Product Code | Item Name | d | D1 | D2 | D3 | G | L | L1 | L2 |
| HK0.E50.1/8z374.HC3 | HSK-E50HC1/8''095SLIM2.5G25000SL | 1/8'' | 0.433" | 0.551" | 1.811" | M2.5 | 3.74" | 1.102" | 1.102" |
| HK0.E50.3/16z374.HC3 | HSK-E50HC3/16''095SLIM2.5G25000SL | 3/16'' | 0.433" | 0.551" | 1.811" | M2.5 | 3.74" | 1.102" | 1.102" |
| HK0.E50.1/4z4134.HC3 | HSK-E50HC1/4''105SLIM2.5G25000SL | 1/4'' | 0.512" | 0.669" | 1.811" | M5 | 4.134" | 1.496" | 1.457" |
| HK0.E50.5/16z4134.HC3 | HSK-E50HC5/16''105SLIM2.5G25000SL | 5/16'' | 0.591" | 0.748" | 1.811" | M6 | 4.134" | 1.496" | 1.457" |
| HK0.E50.3/8z4724.HC3 | HSK-E50HC3/8''120SLIM2.5G25000SL | 3/8'' | 0.669" | 0.89" | 1.811" | M8 | 4.724" | 2.087" | 1.614" |
| HK0.E50.1/2z4724.HC3 | HSK-E50HC1/2''120SLIM2.5G25000SL | 1/2'' | 0.748" | 0.969" | 1.811" | M10 | 4.724" | 2.087" | 1.811" |

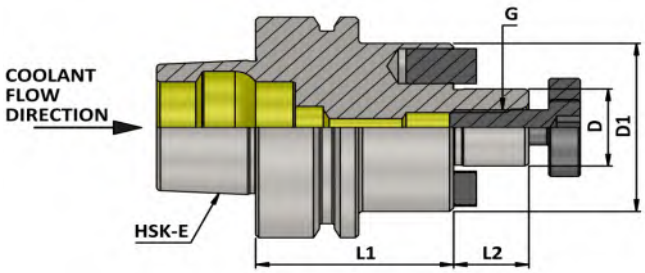
## Accessories:


REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

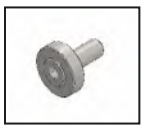
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-E50 (DIN 69893-5) FMH | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.E50.16m50.FMS | HSK-E50FMH160502.5G25000SLSP.S | 16 | 38 | 50 | 17 | M8 X 1.25P |
| HK0.E50.22m60.FMS | HSK-E50FMH220602.5G25000SLSP.S | 22 | 48 | 60 | 19 | M10 X 1.5P |

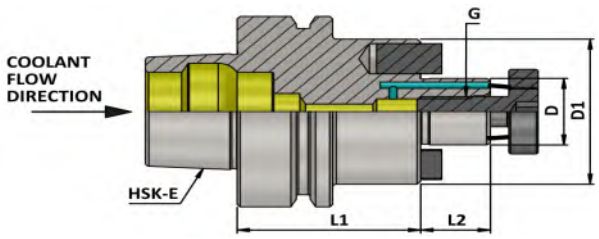
## Accessories:



FMH / CSMA
CLAMPING
SCREW

# HSK-E50 (DIN 69893-5) Face Mill Holder (Through Coolant) (DIN 6357) FMH - K

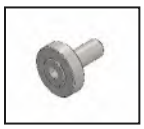
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

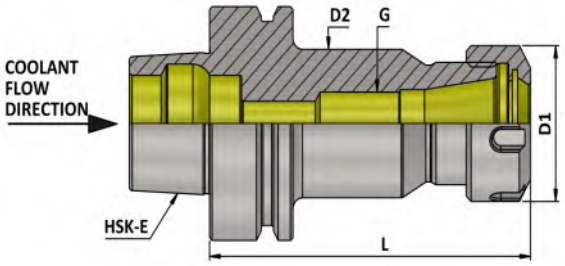
| HSK-E50 (DIN 69893-5) FMH -K | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.E50.16m50.FMK | HSK-E50FMH-K160502.5G25000SLSP.S | 16 | 38 | 50 | 17 | M8 X 1.25P |
| HK0.E50.22m60.FMK | HSK-E50FMH-K220602.5G25000SLSP.S | 22 | 48 | 60 | 19 | M10 X 1.5P |

## Accessories:



FMH / CSMA CLAMPING SCREW

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK - E50 (DIN 69893 - 5) Collet Chuck ER | | | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Suitable Collet | Collet Capacity | D1 | D2 | G | L | Nut | Spanner |
| HK0.E50.32m100.ERS | HSK-E 50 ER 16 100 2.5G 25000 SL | ER16 | 0.5-10 | 32 | - | M10X1P | 100 | UM/ER16 | E16 |
| HK0.E50.42m70.ERS | HSK-E 50 ER 25 070 2.5G 25000 SL | ER25 | 1.0-16 | 42 | - | M18X1P | 70 | UM/ER25 | E25 |
| HK0.E50.50m80.ERS | HSK-E 50 ER 32 080 2.5G 25000 SL | ER32 | 2.0-20 | 50 | - | M22X1.5P | 80 | UM/ER32 | E32 |
| HK0.E50.63m100.ERS | HSK-E 50 ER 40 100 2.5G 25000 SL | ER40 | 3.0-26 | 63 | - | M30X1.5P | 100 | UM/ER40 | E40 |

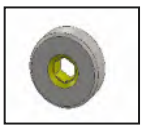
## Accessories:


ER COLLET (DIN 6499)

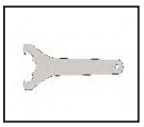

TAP COLLET ER-G


QC TAP COLLET QCTC


ER NUT

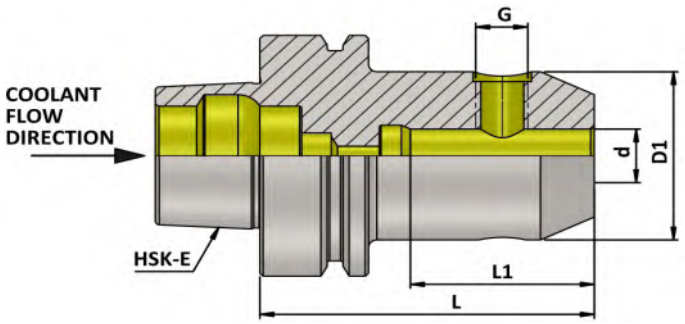

ER STOPPER SCREW


SEALING DISC


SPANNER E

# HSK-E50 (DIN 69893 -5) Weldon Type
# End Mill Holder (DIN 1835 B) (WE) (DIN 6359)

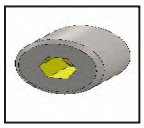
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-E50 (DIN 69893 - 5) (WE) | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.E50.6m65.WHS | HSK-E 50 WE06 065 2.5G 25000 SL | 6 | 25 | M6 | 65 | 34 | 1 |
| HK0.E50.8m65.WHS | HSK-E 50 WE08 065 2.5G 25000 SL | 8 | 28 | M8 | 65 | 34 | 1 |
| HK0.E50.10m65.WHS | HSK-E 50 WE10 065 2.5G 25000 SL | 10 | 35 | M10 | 65 | 40 | 1 |
| HK0.E50.12m80.WHS | HSK-E 50 WE12 080 2.5G 25000 SL | 12 | 42 | M12 | 80 | 46 | 1 |
| HK0.E50.14m80.WHS | HSK-E 50 WE14 080 2.5G 25000 SL | 14 | 44 | M12 | 80 | 46 | 1 |
| HK0.E50.16m80.WHS | HSK-E 50 WE16 080 2.5G 25000 SL | 16 | 48 | M14 | 80 | 48 | 1 |

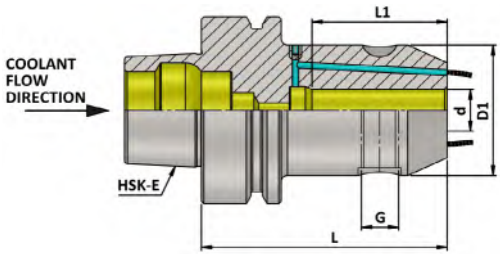
## Accessories:



LOCKING
SCREW SLA

# HSK E50 (DIN 69893-5) Weldon Type End Mill Holder (DIN 1835 B) (Face Coolant Channel) (WE : FCC) (DIN 6359)

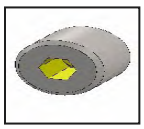
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK - E50 (DIN 69893 - 5) (WE : FCC) | | | | | | | (Balanced 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.E50.6m65.WHF | HSK-E50WE06065FCC2.5G25000SL | 6 | 25 | M6 | 65 | 34 | 1 |
| HK0.E50.8m65.WHF | HSK-E50WE08065FCC2.5G25000SL | 8 | 28 | M8 | 65 | 34 | 1 |
| HK0.E50.10m65.WHF | HSK-E50WE10065FCC2.5G25000SL | 10 | 35 | M10 | 65 | 40 | 1 |
| HK0.E50.12m80.WHF | HSK-E50WE12080FCC2.5G25000SL | 12 | 42 | M12 | 80 | 46 | 1 |
| HK0.E50.14m80.WHF | HSK-E50WE14080FCC2.5G25000SL | 14 | 44 | M12 | 80 | 46 | 1 |
| HK0.E50.16m80.WHF | HSK-E50WE16080FCC2.5G25000SL | 16 | 48 | M14 | 80 | 48 | 1 |

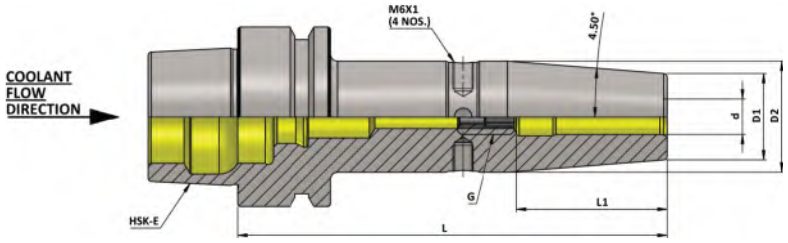
## Accessories:



LOCKING
SCREW SLA

# HSK-E63 (DIN 69893 - 5)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

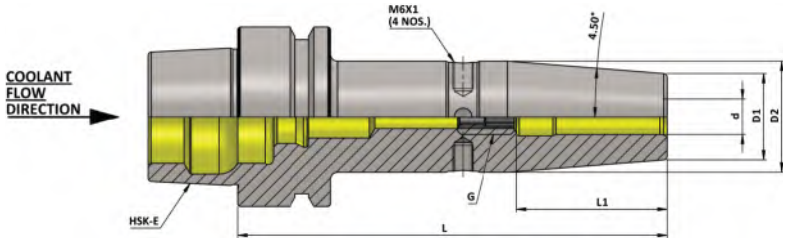



**METRIC**

| HSK-E63 (DIN 69893-5) (SFH 4.5° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.E63.3m80.SFS | HSK-E 63 SFH03 080 2.5G 25000 SL | 3 | 10 | 16 | — | 80 | 12 |
| HK0.E63.3m120.SFS | HSK-E 63 SFH03 120 2.5G 25000 SL | 3 | 10 | 16 | — | 120 | 12 |
| HK0.E63.3m160.SFS | HSK-E 63 SFH03 160 2.5G 25000 SL | 3 | 10 | 16 | — | 160 | 12 |
| HK0.E63.4m80.SFS | HSK-E 63 SFH04 080 2.5G 25000 SL | 4 | 12 | 20 | — | 80 | 14 |
| HK0.E63.4m120.SFS | HSK-E 63 SFH04 120 2.5G 25000 SL | 4 | 12 | 20 | — | 120 | 14 |
| HK0.E63.4m160.SFS | HSK-E 63 SFH04 160 2.5G 25000 SL | 4 | 12 | 20 | — | 160 | 14 |
| HK0.E63.5m80.SFS | HSK-E 63 SFH05 080 2.5G 25000 SL | 5 | 12 | 20.5 | — | 80 | 15 |
| HK0.E63.5m120.SFS | HSK-E 63 SFH05 120 2.5G 25000 SL | 5 | 12 | 22 | — | 120 | 15 |
| HK0.E63.5m160.SFS | HSK-E 63 SFH05 160 2.5G 25000 SL | 5 | 12 | 22 | — | 160 | 15 |
| HK0.E63.6m80.SFS | HSK-E 63 SFH06 080 2.5G 25000 SL | 6 | 21 | 27 | M5 | 80 | 36 |
| HK0.E63.6m120.SFS | HSK-E 63 SFH06 120 2.5G 25000 SL | 6 | 21 | 27 | M5 | 120 | 36 |
| HK0.E63.6m160.SFS | HSK-E 63 SFH06 160 2.5G 25000 SL | 6 | 21 | 27 | M5 | 160 | 36 |
| HK0.E63.8m80.SFS | HSK-E 63 SFH08 080 2.5G 25000 SL | 8 | 21 | 27 | M6 | 80 | 36 |
| HK0.E63.8m120.SFS | HSK-E 63 SFH08 120 2.5G 25000 SL | 8 | 21 | 27 | M6 | 120 | 36 |
| HK0.E63.8m160.SFS | HSK-E 63 SFH08 160 2.5G 25000 SL | 8 | 21 | 27 | M6 | 160 | 36 |
| HK0.E63.10m85.SFS | HSK-E 63 SFH10 085 2.5G 25000 SL | 10 | 24 | 32 | M8 | 85 | 41 |
| HK0.E63.10m120.SFS | HSK-E 63 SFH10 120 2.5G 25000 SL | 10 | 24 | 32 | M8 | 120 | 41 |
| HK0.E63.10m160.SFS | HSK-E 63 SFH10 160 2.5G 25000 SL | 10 | 24 | 32 | M8 | 160 | 41 |

# HSK-E63 (DIN 69893 - 5)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

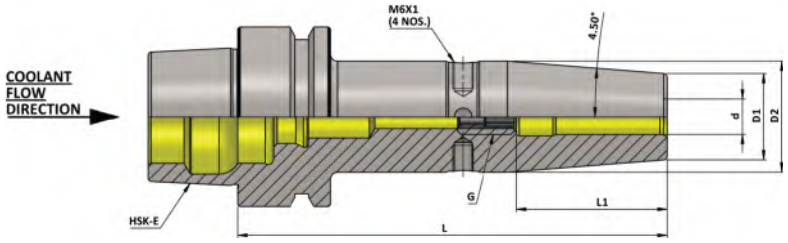



**METRIC**

| HSK-E63 (DIN 69893-5) (SFH 4.5° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.E63.12m90.SFS | HSK-E 63 SFH12 090 2.5G 25000 SL | 12 | 24 | 32 | M10 | 90 | 46 |
| HK0.E63.12m120.SFS | HSK-E 63 SFH12 120 2.5G 25000 SL | 12 | 24 | 32 | M10 | 120 | 46 |
| HK0.E63.12m160.SFS | HSK-E 63 SFH12 160 2.5G 25000 SL | 12 | 24 | 32 | M10 | 160 | 46 |
| HK0.E63.14m90.SFS | HSK-E 63 SFH14 090 2.5G 25000 SL | 14 | 27 | 34 | M10 | 90 | 46 |
| HK0.E63.14m120.SFS | HSK-E 63 SFH14 120 2.5G 25000 SL | 14 | 27 | 34 | M10 | 120 | 46 |
| HK0.E63.14m160.SFS | HSK-E 63 SFH14 160 2.5G 25000 SL | 14 | 27 | 34 | M10 | 160 | 46 |
| HK0.E63.16m95.SFS | HSK-E 63 SFH16 095 2.5G 25000 SL | 16 | 27 | 34 | M12 | 95 | 49 |
| HK0.E63.16m120.SFS | HSK-E 63 SFH16 120 2.5G 25000 SL | 16 | 27 | 34 | M12 | 120 | 49 |
| HK0.E63.16m160.SFS | HSK-E 63 SFH16 160 2.5G 25000 SL | 16 | 27 | 34 | M12 | 160 | 49 |
| HK0.E63.18m95.SFS | HSK-E 63 SFH18 095 2.5G 25000 SL | 18 | 33 | 42 | M12 | 95 | 49 |
| HK0.E63.18m120.SFS | HSK-E 63 SFH18 120 2.5G 25000 SL | 18 | 33 | 42 | M12 | 120 | 49 |
| HK0.E63.18m160.SFS | HSK-E 63 SFH18 160 2.5G 25000 SL | 18 | 33 | 42 | M12 | 160 | 49 |
| HK0.E63.20m100.SFS | HSK-E 63 SFH20 100 2.5G 25000 SL | 20 | 33 | 42 | M16 | 100 | 51 |
| HK0.E63.20m120.SFS | HSK-E 63 SFH20 120 2.5G 25000 SL | 20 | 33 | 42 | M16 | 120 | 51 |
| HK0.E63.20m160.SFS | HSK-E 63 SFH20 160 2.5G 25000 SL | 20 | 33 | 42 | M16 | 160 | 51 |
| HK0.E63.25m115.SFS | HSK-E 63 SFH25 115 2.5G 25000 SL | 25 | 44 | 53 | M16 | 115 | 57 |
| HK0.E63.25m120.SFS | HSK-E 63 SFH25 120 2.5G 25000 SL | 25 | 44 | 53 | M16 | 120 | 57 |
| HK0.E63.25m160.SFS | HSK-E 63 SFH25 160 2.5G 25000 SL | 25 | 44 | 53 | M16 | 160 | 57 |
| HK0.E63.32m120.SFS | HSK-E 63 SFH32 120 2.5G 25000 SL | 32 | 44 | 53 | M16 | 120 | 61 |
| HK0.E63.32m160.SFS | HSK-E 63 SFH32 160 2.5G 25000 SL | 32 | 44 | 53 | M16 | 160 | 61 |

# HSK-E63 (DIN 69893 - 5)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

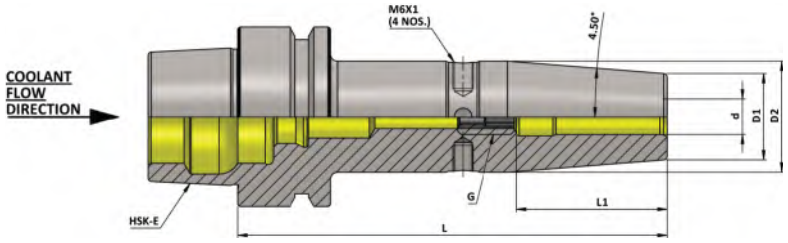



**INCH**

| HSK-E63 (DIN 69893-5) (SFH 4.5° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.E63.1/8z315.SFS | HSK-E 63 SFH1/8'' 080 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | — | 3.15" | 0.472" |
| HK0.E63.1/8z4724.SFS | HSK-E 63 SFH1/8'' 120 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | — | 4.724" | 0.472" |
| HK0.E63.1/8z6299.SFS | HSK-E 63 SFH1/8'' 160 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | — | 6.299" | 0.472" |
| HK0.E63.3/16z315.SFS | HSK-E 63 SFH3/16'' 080 2.5G 25000 SL | 3/16" | 0.472" | 0.787" | — | 3.15" | 0.551" |
| HK0.E63.3/16z4724.SFS | HSK-E 63 SFH3/16'' 120 2.5G 25000 SL | 3/16" | 0.472" | 0.787" | — | 4.724" | 0.551" |
| HK0.E63.3/16z6299.SFS | HSK-E 63 SFH3/16'' 160 2.5G 25000 SL | 3/16" | 0.472" | 0.787" | — | 6.299" | 0.551" |
| HK0.E63.1/4z315.SFS | HSK-E 63 SFH1/4'' 080 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 3.15" | 1.417" |
| HK0.E63.1/4z4724.SFS | HSK-E 63 SFH1/4'' 120 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 4.724" | 1.417" |
| HK0.E63.1/4z6299.SFS | HSK-E 63 SFH1/4'' 160 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 6.299" | 1.417" |
| HK0.E63.5/16z315.SFS | HSK-E 63 SFH5/16'' 080 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 3.15" | 1.417" |
| HK0.E63.5/16z4724.SFS | HSK-E 63 SFH5/16'' 120 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 4.724" | 1.417" |
| HK0.E63.5/16z6299.SFS | HSK-E 63 SFH5/16'' 160 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 6.299" | 1.417" |
| HK0.E63.3/8z3346.SFS | HSK-E 63 SFH3/8'' 085 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 3.346" | 1.614" |
| HK0.E63.3/8z4724.SFS | HSK-E 63 SFH3/8'' 120 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 4.724" | 1.614" |
| HK0.E63.3/8z6299.SFS | HSK-E 63 SFH3/8'' 160 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 6.299" | 1.614" |
| HK0.E63.1/2z3543.SFS | HSK-E 63 SFH1/2'' 090 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 3.543" | 1.811" |
| HK0.E63.1/2z4724.SFS | HSK-E 63 SFH1/2'' 120 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 4.724" | 1.811" |
| HK0.E63.1/2z6299.SFS | HSK-E 63 SFH1/2'' 160 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 6.299" | 1.811" |
| HK0.E63.5/8z374.SFS | HSK-E 63 SFH5/8'' 095 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 3.74" | 1.929" |
| HK0.E63.5/8z4724.SFS | HSK-E 63 SFH5/8'' 120 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 4.724" | 1.929" |
| HK0.E63.5/8z6299.SFS | HSK-E 63 SFH5/8'' 160 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 6.299" | 1.929" |
| HK0.E63.3/4z3937.SFS | HSK-E 63 SFH3/4'' 100 2.5G 25000 SL | 3/4" | 1.299" | 1.654" | M16 | 3.937" | 2.008" |
| HK0.E63.3/4z4724.SFS | HSK-E 63 SFH3/4'' 120 2.5G 25000 SL | 3/4" | 1.299" | 1.654" | M16 | 4.724" | 2.008" |
| HK0.E63.3/4z6299.SFS | HSK-E 63 SFH3/4'' 160 2.5G 25000 SL | 3/4" | 1.299" | 1.654" | M16 | 6.299" | 2.008" |
| HK0.E63.1z4528.SFS | HSK-E 63 SFH1.0'' 115 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 4.528" | 2.244" |
| HK0.E63.1z4724.SFS | HSK-E 63 SFH1.0'' 120 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 4.724" | 2.244" |
| HK0.E63.1z6299.SFS | HSK-E 63 SFH1.0'' 160 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 6.299" | 2.244" |
| HK0.E63.11/4z4724.SFS | HSK-E 63 SFH1-1/4'' 120 2.5G 25000 SL | 1-1/4" | 1.732" | 2.087" | M16 | 4.724" | 2.402" |
| HK0.E63.11/4z6299.SFS | HSK-E 63 SFH1-1/4'' 160 2.5G 25000 SL | 1-1/4" | 1.732" | 2.087" | M16 | 6.299" | 2.402" |

# HSK-E63 (DIN 69893 - 5) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

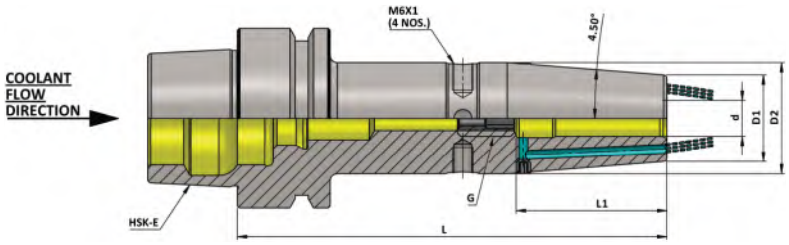



**METRIC**

| HSK-E63 (DIN 69893-5) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.E63.3m80.SFF | HSK-E 63 SFH03 080 FCC 2.5G 25000 SL | 3 | 10 | 16 | — | 80 | 12 |
| HK0.E63.3m120.SFF | HSK-E 63 SFH03 120 FCC 2.5G 25000 SL | 3 | 10 | 16 | — | 120 | 12 |
| HK0.E63.3m160.SFF | HSK-E 63 SFH03 160 FCC 2.5G 25000 SL | 3 | 10 | 16 | — | 160 | 12 |
| HK0.E63.4m80.SFF | HSK-E 63 SFH04 080 FCC 2.5G 25000 SL | 4 | 12 | 20 | — | 80 | 14 |
| HK0.E63.4m120.SFF | HSK-E 63 SFH04 120 FCC 2.5G 25000 SL | 4 | 12 | 20 | — | 120 | 14 |
| HK0.E63.4m160.SFF | HSK-E 63 SFH04 160 FCC 2.5G 25000 SL | 4 | 12 | 20 | — | 160 | 14 |
| HK0.E63.5m80.SFF | HSK-E 63 SFH05 080 FCC 2.5G 25000 SL | 5 | 12 | 20.5 | — | 80 | 15 |
| HK0.E63.5m120.SFF | HSK-E 63 SFH05 120 FCC 2.5G 25000 SL | 5 | 12 | 22 | — | 120 | 15 |
| HK0.E63.5m160.SFF | HSK-E 63 SFH05 160 FCC 2.5G 25000 SL | 5 | 12 | 22 | — | 160 | 15 |
| HK0.E63.6m80.SFF | HSK-E 63 SFH06 080 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 80 | 36 |
| HK0.E63.6m120.SFF | HSK-E 63 SFH06 120 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 120 | 36 |
| HK0.E63.6m160.SFF | HSK-E 63 SFH06 160 FCC 2.5G 25000 SL | 6 | 21 | 27 | M5 | 160 | 36 |
| HK0.E63.8m80.SFF | HSK-E 63 SFH08 080 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 80 | 36 |
| HK0.E63.8m120.SFF | HSK-E 63 SFH08 120 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 120 | 36 |
| HK0.E63.8m160.SFF | HSK-E 63 SFH08 160 FCC 2.5G 25000 SL | 8 | 21 | 27 | M6 | 160 | 36 |
| HK0.E63.10m85.SFF | HSK-E 63 SFH10 085 FCC 2.5G 25000 SL | 10 | 24 | 32 | M8 | 85 | 41 |
| HK0.E63.10m120.SFF | HSK-E 63 SFH10 120 FCC 2.5G 25000 SL | 10 | 24 | 32 | M8 | 120 | 41 |
| HK0.E63.10m160.SFF | HSK-E 63 SFH10 160 FCC 2.5G 25000 SL | 10 | 24 | 32 | M8 | 160 | 41 |
| HK0.E63.12m90.SFF | HSK-E 63 SFH12 090 FCC 2.5G 25000 SL | 12 | 24 | 32 | M10 | 90 | 46 |
| HK0.E63.12m120.SFF | HSK-E 63 SFH12 120 FCC 2.5G 25000 SL | 12 | 24 | 32 | M10 | 120 | 46 |
| HK0.E63.12m160.SFF | HSK-E 63 SFH12 160 FCC 2.5G 25000 SL | 12 | 24 | 32 | M10 | 160 | 46 |

# HSK-E63 (DIN 69893 - 5) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

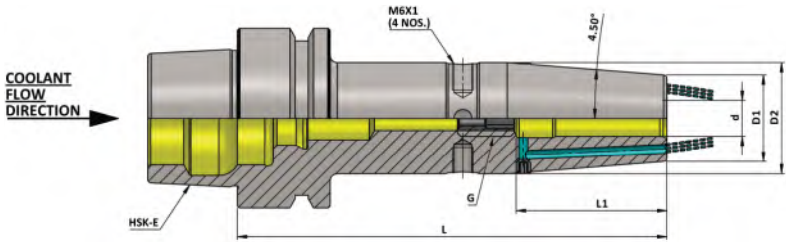



**METRIC**

| HSK-E63 (DIN 69893-5) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.E63.14m090.SFF | HSK-E 63 SFH14 090 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 90 | 46 |
| HK0.E63.14m120.SFF | HSK-E 63 SFH14 120 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 120 | 46 |
| HK0.E63.14m160.SFF | HSK-E 63 SFH14 160 FCC 2.5G 25000 SL | 14 | 27 | 34 | M10 | 160 | 46 |
| HK0.E63.16m095.SFF | HSK-E 63 SFH16 095 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 95 | 49 |
| HK0.E63.16m120.SFF | HSK-E 63 SFH16 120 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 120 | 49 |
| HK0.E63.16m160.SFF | HSK-E 63 SFH16 160 FCC 2.5G 25000 SL | 16 | 27 | 34 | M12 | 160 | 49 |
| HK0.E63.18m095.SFF | HSK-E 63 SFH18 095 FCC 2.5G 25000 SL | 18 | 33 | 42 | M12 | 95 | 49 |
| HK0.E63.18m120.SFF | HSK-E 63 SFH18 120 FCC 2.5G 25000 SL | 18 | 33 | 42 | M12 | 120 | 49 |
| HK0.E63.18m160.SFF | HSK-E 63 SFH18 160 FCC 2.5G 25000 SL | 18 | 33 | 42 | M12 | 160 | 49 |
| HK0.E63.20m100.SFF | HSK-E 63 SFH20 100 FCC 2.5G 25000 SL | 20 | 33 | 42 | M16 | 100 | 51 |
| HK0.E63.20m120.SFF | HSK-E 63 SFH20 120 FCC 2.5G 25000 SL | 20 | 33 | 42 | M16 | 120 | 51 |
| HK0.E63.20m160.SFF | HSK-E 63 SFH20 160 FCC 2.5G 25000 SL | 20 | 33 | 42 | M16 | 160 | 51 |
| HK0.E63.25m115.SFF | HSK-E 63 SFH25 115 FCC 2.5G 25000 SL | 25 | 44 | 53 | M16 | 115 | 57 |
| HK0.E63.25m120.SFF | HSK-E 63 SFH25 120 FCC 2.5G 25000 SL | 25 | 44 | 53 | M16 | 120 | 57 |
| HK0.E63.25m160.SFF | HSK-E 63 SFH25 160 FCC 2.5G 25000 SL | 25 | 44 | 53 | M16 | 160 | 57 |
| HK0.E63.32m120.SFF | HSK-E 63 SFH32 120 FCC 2.5G 25000 SL | 32 | 44 | 53 | M16 | 120 | 61 |
| HK0.E63.32m160.SFF | HSK-E 63 SFH32 160 FCC 2.5G 25000 SL | 32 | 44 | 53 | M16 | 160 | 61 |

# HSK-E63 (DIN 69893 - 5) Shrink Fit Holder
# 4.5 Degree (Face Coolant Channel) (SFH FCC 4.5°)

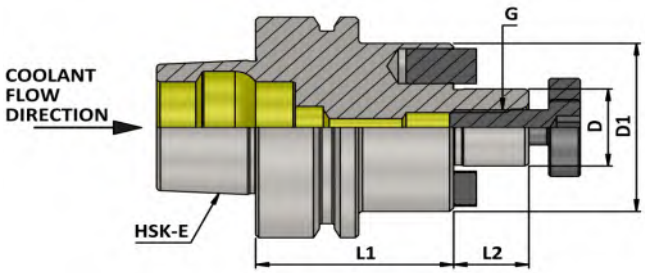
Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**INCH**

| HSK-E63 (DIN 69893-5) (SFH FCC 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.E63.1/8z315.SFF | HSK-E 63 SFH1/8'' 080 FCC 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | — | 3.15" | 0.472" |
| HK0.E63.1/8z4724.SFF | HSK-E 63 SFH1/8'' 120 FCC 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | — | 4.724" | 0.472" |
| HK0.E63.1/8z6299.SFF | HSK-E 63 SFH1/8'' 160 FCC 2.5G 25000 SL | 1/8" | 0.394" | 0.63" | — | 6.299" | 0.472" |
| HK0.E63.3/16z315.SFF | HSK-E 63 SFH3/16'' 080 FCC 2.5G 25000 SL | 3/16" | 0.472" | 0.787" | — | 3.15" | 0.551" |
| HK0.E63.3/16z4724.SFF | HSK-E 63 SFH3/16'' 120 FCC 2.5G 25000 SL | 3/16" | 0.472" | 0.787" | — | 4.724" | 0.551" |
| HK0.E63.3/16z6299.SFF | HSK-E 63 SFH3/16'' 160 FCC 2.5G 25000 SL | 3/16" | 0.472" | 0.787" | — | 6.299" | 0.551" |
| HK0.E63.1/4z315.SFF | HSK-E 63 SFH1/4'' 080 FCC 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 3.15" | 1.417" |
| HK0.E63.1/4z4724.SFF | HSK-E 63 SFH1/4'' 120 FCC 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 4.724" | 1.417" |
| HK0.E63.1/4z6299.SFF | HSK-E 63 SFH1/4'' 160 FCC 2.5G 25000 SL | 1/4" | 0.827" | 1.063" | M5 | 6.299" | 1.417" |
| HK0.E63.5/16z315.SFF | HSK-E 63 SFH5/16'' 080 FCC 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 3.15" | 1.417" |
| HK0.E63.5/16z4724.SFF | HSK-E 63 SFH5/16'' 120 FCC 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 4.724" | 1.417" |
| HK0.E63.5/16z6299.SFF | HSK-E 63 SFH5/16'' 160 FCC 2.5G 25000 SL | 5/16" | 0.827" | 1.063" | M6 | 6.299" | 1.417" |
| HK0.E63.3/8z3346.SFF | HSK-E 63 SFH3/8'' 085 FCC 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 3.346" | 1.614" |
| HK0.E63.3/8z4724.SFF | HSK-E 63 SFH3/8'' 120 FCC 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 4.724" | 1.614" |
| HK0.E63.3/8z6299.SFF | HSK-E 63 SFH3/8'' 160 FCC 2.5G 25000 SL | 3/8" | 0.945" | 1.26" | M8 | 6.299" | 1.614" |
| HK0.E63.1/2z3543.SFF | HSK-E 63 SFH1/2'' 090 FCC 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 3.543" | 1.811" |
| HK0.E63.1/2z4724.SFF | HSK-E 63 SFH1/2'' 120 FCC 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 4.724" | 1.811" |
| HK0.E63.1/2z6299.SFF | HSK-E 63 SFH1/2'' 160 FCC 2.5G 25000 SL | 1/2" | 0.945" | 1.26" | M10 | 6.299" | 1.811" |
| HK0.E63.5/8z374.SFF | HSK-E 63 SFH5/8'' 095 FCC 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 3.74" | 1.929" |
| HK0.E63.5/8z4724.SFF | HSK-E 63 SFH5/8'' 120 FCC 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 4.724" | 1.929" |
| HK0.E63.5/8z6299.SFF | HSK-E 63 SFH5/8'' 160 FCC 2.5G 25000 SL | 5/8" | 1.063" | 1.339" | M12 | 6.299" | 1.929" |
| HK0.E63.3/4z3937.SFF | HSK-E 63 SFH3/4'' 100 FCC 2.5G 25000 SL | 3/4" | 1.299" | 1.654" | M16 | 3.937" | 2.008" |
| HK0.E63.3/4z4724.SFF | HSK-E 63 SFH3/4'' 120 FCC 2.5G 25000 SL | 3/4" | 1.299" | 1.654" | M16 | 4.724" | 2.008" |
| HK0.E63.3/4z6299.SFF | HSK-E 63 SFH3/4'' 160 FCC 2.5G 25000 SL | 3/4" | 1.299" | 1.654" | M16 | 6.299" | 2.008" |
| HK0.E63.1z4528.SFF | HSK-E 63 SFH1.0'' 115 FCC 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 4.528" | 2.244" |
| HK0.E63.1z4724.SFF | HSK-E 63 SFH1.0'' 120 FCC 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 4.724" | 2.244" |
| HK0.E63.1z6299.SFF | HSK-E 63 SFH1.0'' 160 FCC 2.5G 25000 SL | 1.0" | 1.732" | 2.087" | M16 | 6.299" | 2.244" |
| HK0.E63.11/4z4724.SFF | HSK-E 63 SFH1-1/4'' 120 FCC 2.5G 25000 SL | 1-1/4" | 1.732" | 2.087" | M16 | 4.724" | 2.402" |
| HK0.E63.11/4z6299.SFF | HSK-E 63 SFH1-1/4'' 160 FCC 2.5G 25000 SL | 1-1/4" | 1.732" | 2.087" | M16 | 6.299" | 2.402" |

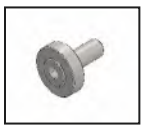
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-E63 (DIN 69893-5) FMH | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.E63.16m50.FMS | HSK-E63FMH160502.5G25000SLSP.S | 16 | 38 | 50 | 17 | M8 X 1.25P |
| HK0.E63.22m50.FMS | HSK-E63FMH220502.5G25000SLSP.S | 22 | 48 | 50 | 19 | M10 X 1.5P |

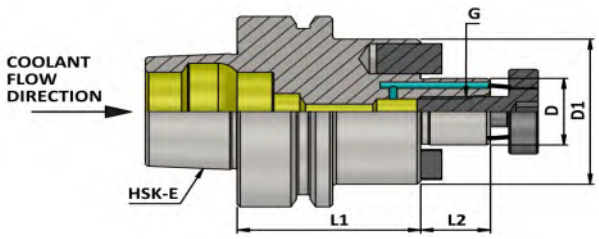
## Accessories:



FMH / CSMA
CLAMPING
SCREW

# HSK-E63 (DIN 69893-5) Face Mill Holder (Through Coolant) (DIN 6357) FMH - K

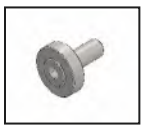
Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

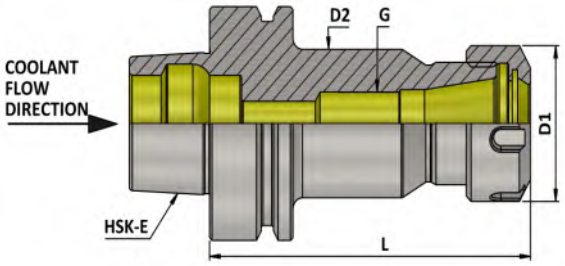
| HSK-E63 (DIN 69893-5) FMH -K | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.E63.16m50.FMK | HSK-E63FMH-K160502.5G25000SLSP.S | 16 | 38 | 50 | 17 | M8 X 1.25P |
| HK0.E63.22m50.FMK | HSK-E63FMH-K220502.5G25000SLSP.S | 22 | 48 | 50 | 19 | M10 X 1.5P |

## Accessories:



FMH / CSMA CLAMPING SCREW

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK - E63 (DIN 69893 - 5) Collet Chuck ER | | | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Suitable Collet | Collet Capacity | D1 | D2 | G | L | Nut | Spanner |
| HK0.E63.50m75.ERS | HSK-E 63 ER 32 075 2.5G 25000 SL | ER32 | 2.0-20 | 50 | - | M22X1.5P | 75 | UM/ER32 | E32 |
| HK0.E63.63m80.ERS | HSK-E 63 ER 40 080 2.5G 25000 SL | ER40 | 3.0-26 | 63 | - | M30X1.5P | 80 | UM/ER40 | E40 |

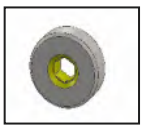
## Accessories:


ER COLLET (DIN 6499)

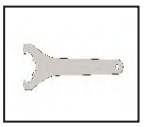

TAP COLLET ER-G


QC TAP COLLET QCTC


ER NUT

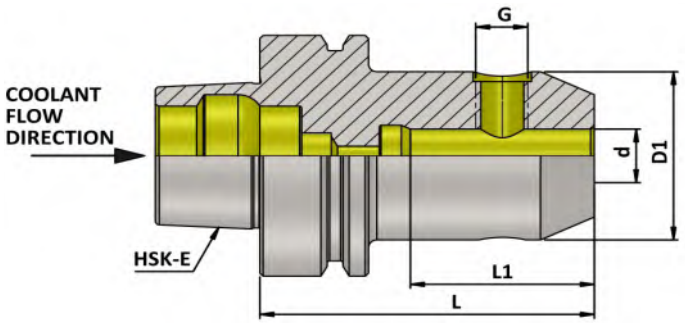

ER STOPPER SCREW


SEALING DISC


SPANNER E

# HSK-E63 (DIN 69893 -5) Weldon Type
# End Mill Holder (DIN 1835 B) (WE) (DIN 6359)

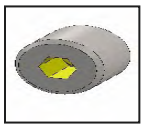
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

| HSK-E63 (DIN 69893 - 5) (WE) | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.E63.6m65.WHS | HSK-E 63 WE06 065 2.5G 25000 SL | 6 | 25 | M6 | 65 | 34 | 1 |
| HK0.E63.8m65.WHS | HSK-E 63 WE08 065 2.5G 25000 SL | 8 | 28 | M8 | 65 | 34 | 1 |
| HK0.E63.10m65.WHS | HSK-E 63 WE10 065 2.5G 25000 SL | 10 | 35 | M10 | 65 | 40 | 1 |
| HK0.E63.12m80.WHS | HSK-E 63 WE12 080 2.5G 25000 SL | 12 | 42 | M12 | 80 | 46 | 1 |
| HK0.E63.14m80.WHS | HSK-E 63 WE14 080 2.5G 25000 SL | 14 | 44 | M12 | 80 | 46 | 1 |
| HK0.E63.16m80.WHS | HSK-E 63 WE16 080 2.5G 25000 SL | 16 | 48 | M14 | 80 | 48 | 1 |
| HK0.E63.18m80.WHS | HSK-E 63 WE18 080 2.5G 25000 SL | 18 | 50 | M14 | 80 | 48 | 1 |
| HK0.E63.20m80.WHS | HSK-E 63 WE20 080 2.5G 25000 SL | 20 | 52 | M16 | 80 | 52 | 1 |

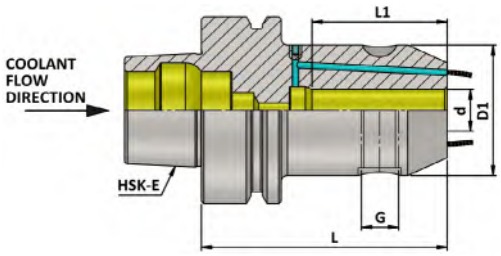
## Accessories:



LOCKING
SCREW SLA

# HSK E63 (DIN 69893-5) Weldon Type End Mill Holder (DIN 1835 B) (Face Coolant Channel) (WE : FCC) (DIN 6359)

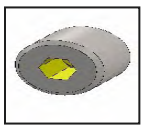
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied



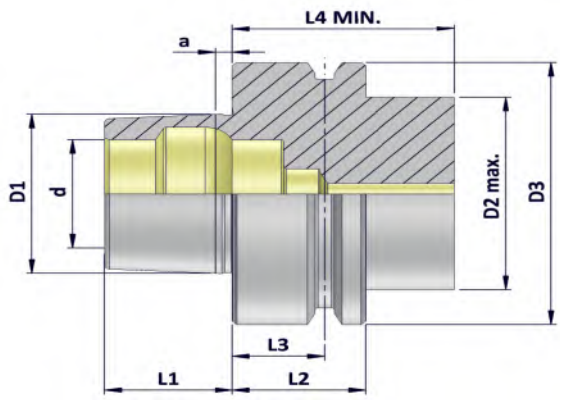

**METRIC**

| HSK - E63 (DIN 69893 - 5) (WE : FCC) | | | | | | | (Balanced 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.E63.6m65.WHF | HSK-E63WE06065FCC2.5G25000SL | 6 | 25 | M6 | 65 | 34 | 1 |
| HK0.E63.8m65.WHF | HSK-E63WE08065FCC2.5G25000SL | 8 | 28 | M8 | 65 | 34 | 1 |
| HK0.E63.10m65.WHF | HSK-E63WE10065FCC2.5G25000SL | 10 | 35 | M10 | 65 | 40 | 1 |
| HK0.E63.12m80.WHF | HSK-E63WE12080FCC2.5G25000SL | 12 | 42 | M12 | 80 | 46 | 1 |
| HK0.E63.14m80.WHF | HSK-E63WE14080FCC2.5G25000SL | 14 | 44 | M12 | 80 | 46 | 1 |
| HK0.E63.16m80.WHF | HSK-E63WE16080FCC2.5G25000SL | 16 | 48 | M14 | 80 | 48 | 1 |
| HK0.E63.18m80.WHF | HSK-E63WE18080FCC2.5G25000SL | 18 | 50 | M14 | 80 | 48 | 1 |
| HK0.E63.20m80.WHF | HSK-E63WE20080FCC2.5G25000SL | 20 | 52 | M16 | 80 | 52 | 1 |

## Accessories:



LOCKING
SCREW SLA




All values are in mm

| HSK - F | d | D1 | D2 | D3 | a | L1 | L2 | L3 | L4 |
|---|---|---|---|---|---|---|---|---|---|
| 63 | 26 | 38 | 53 | 63 | 5 | 25 | 26 | 18 | 42 |
| | | | | | | | | | |
| 80 | 34 | 48.01 | 68 | 80 | 6.3 | 32 | 26 | 18 | 42 |

Material :- Case hardened steel, tensile strength in the core min. 950 N/mm2

Execution :- Case hardened to HRC 58 ± 2, Case Depth 0.8 mm., Silver finish.

Accuracy :- Taper Angle Class AT 3




## HSK F63 . DIN 69893


**334 Shrink Fit Holders**

334 4.5 °

**337 Hydraulic Chucks**

337 Standard

**338 Face Mill Holders**

338 Standard

339 Through Coolant (FMH -k)

**340 ER Collect Chuck**

340 Standard

**341 Weldon Type End Mill Holders**

341 Standard

**342 Combi Shell Mill Adaptors**

342 Combi Shell Mill Adaptors

**343 Morse Taper Adaptors (MTA)**

343 Morse Taper Adaptors (MTA)

**344 Boring Bar Blanks**

344 Boring Bar Blanks

**345 Master Mandrell**

345 Master Mandrell

**346 Quick Change Tapping Chuck**

346 Quick Change Tapping Chuck

**347 Milling Cutter Arbor (MCA)**

347 Milling Cutter Arbor (MCA)

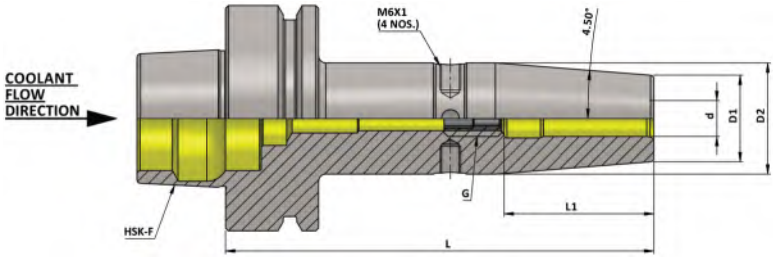

## HSK F80 . DIN 69893


**348 Shrink Fit Holders**

348 4.5 °

# HSK-F63 (DIN 69893 - 6)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

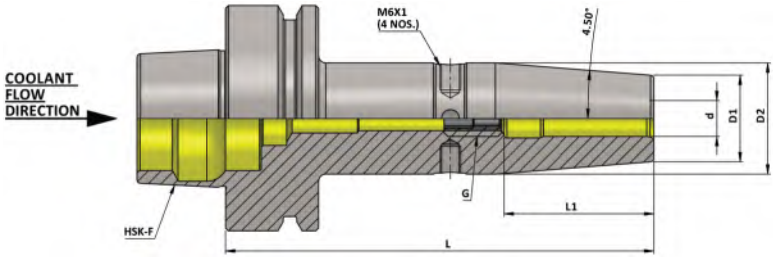



**METRIC**

| HSK-F63 (DIN 69893-6) (SFH 4.5° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.F63.3m80.SFS | HSK-63F SFH03 080 2.5G25000 SL | 3 | 10 | 20 | — | 80 | 12 |
| HK0.F63.3m120.SFS | HSK-63F SFH03 120 2.5G25000 SL | 3 | 10 | 20 | — | 120 | 12 |
| HK0.F63.3m160.SFS | HSK-63F SFH03 160 2.5G25000 SL | 3 | 10 | 20 | — | 160 | 12 |
| HK0.F63.4m80.SFS | HSK-63F SFH04 080 2.5G25000 SL | 4 | 15 | 22 | — | 80 | 14 |
| HK0.F63.4m120.SFS | HSK-63F SFH04 120 2.5G25000 SL | 4 | 15 | 22 | — | 120 | 14 |
| HK0.F63.4m160.SFS | HSK-63F SFH04 160 2.5G25000 SL | 4 | 15 | 22 | — | 160 | 14 |
| HK0.F63.5m80.SFS | HSK-63F SFH05 080 2.5G25000 SL | 5 | 15 | 22 | — | 80 | 15 |
| HK0.F63.5m120.SFS | HSK-63F SFH05 120 2.5G25000 SL | 5 | 15 | 22 | — | 120 | 15 |
| HK0.F63.5m160.SFS | HSK-63F SFH05 160 2.5G25000 SL | 5 | 15 | 22 | — | 160 | 15 |
| HK0.F63.6m80.SFS | HSK-63F SFH06 080 2.5G25000 SL | 6 | 21 | 27 | M5 | 80 | 36 |
| HK0.F63.6m120.SFS | HSK-63F SFH06 120 2.5G25000 SL | 6 | 21 | 27 | M5 | 120 | 36 |
| HK0.F63.6m160.SFS | HSK-63F SFH06 160 2.5G25000 SL | 6 | 21 | 27 | M5 | 160 | 36 |
| HK0.F63.8m80.SFS | HSK-63F SFH08 080 2.5G25000 SL | 8 | 21 | 27 | M6 | 80 | 36 |
| HK0.F63.8m120.SFS | HSK-63F SFH08 120 2.5G25000 SL | 8 | 21 | 27 | M6 | 120 | 36 |
| HK0.F63.8m160.SFS | HSK-63F SFH08 160 2.5G25000 SL | 8 | 21 | 27 | M6 | 160 | 36 |
| HK0.F63.10m85.SFS | HSK-63F SFH10 085 2.5G25000 SL | 10 | 24 | 31 | M8 | 85 | 41 |
| HK0.F63.10m120.SFS | HSK-63F SFH10 120 2.5G25000 SL | 10 | 24 | 31 | M8 | 120 | 41 |
| HK0.F63.10m160.SFS | HSK-63F SFH10 160 2.5G25000 SL | 10 | 24 | 31 | M8 | 160 | 41 |

# HSK-F63 (DIN 69893 - 6)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

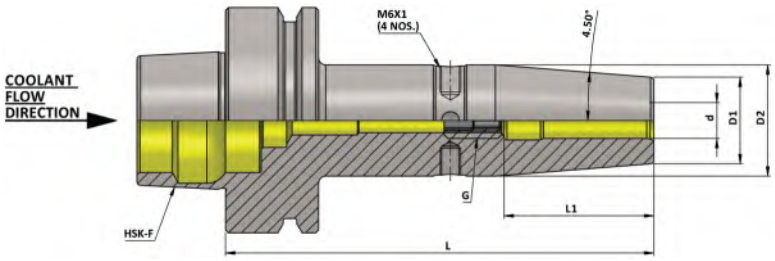



**METRIC**

| HSK-F63 (DIN 69893-6) (SFH 4.5° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| **Product Code** | **ITEM NAME** | **d** | **D1** | **D2** | **G** | **L** | **L1** |
| HK0.F63.12m90.SFS | HSK-63F SFH12 090 2.5G25000 SL | 12 | 24 | 31 | M10 | 90 | 46 |
| HK0.F63.12m120.SFS | HSK-63F SFH12 120 2.5G25000 SL | 12 | 24 | 31 | M10 | 120 | 46 |
| HK0.F63.12m160.SFS | HSK-63F SFH12 160 2.5G25000 SL | 12 | 24 | 31 | M10 | 160 | 46 |
| HK0.F63.14m90.SFS | HSK-63F SFH14 090 2.5G25000 SL | 14 | 27 | 34 | M10 | 90 | 46 |
| HK0.F63.14m120.SFS | HSK-63F SFH14 120 2.5G25000 SL | 14 | 27 | 34 | M10 | 120 | 46 |
| HK0.F63.14m160.SFS | HSK-63F SFH14 160 2.5G25000 SL | 14 | 27 | 34 | M10 | 160 | 46 |
| HK0.F63.16m95.SFS | HSK-63F SFH16 095 2.5G25000 SL | 16 | 27 | 34 | M12 | 95 | 49 |
| HK0.F63.16m120.SFS | HSK-63F SFH16 120 2.5G25000 SL | 16 | 27 | 34 | M12 | 120 | 49 |
| HK0.F63.16m160.SFS | HSK-63F SFH16 160 2.5G25000 SL | 16 | 27 | 34 | M12 | 160 | 49 |
| HK0.F63.18m95.SFS | HSK-63F SFH18 095 2.5G25000 SL | 18 | 33 | 40 | M12 | 95 | 49 |
| HK0.F63.18m120.SFS | HSK-63F SFH18 120 2.5G25000 SL | 18 | 33 | 40 | M12 | 120 | 49 |
| HK0.F63.18m160.SFS | HSK-63F SFH18 160 2.5G25000 SL | 18 | 33 | 40 | M12 | 160 | 49 |
| HK0.F63.20m100.SFS | HSK-63F SFH20 100 2.5G25000 SL | 20 | 33 | 40 | M16 | 100 | 51 |
| HK0.F63.20m120.SFS | HSK-63F SFH20 120 2.5G25000 SL | 20 | 33 | 40 | M16 | 120 | 51 |
| HK0.F63.20m160.SFS | HSK-63F SFH20 160 2.5G25000 SL | 20 | 33 | 40 | M16 | 160 | 51 |
| HK0.F63.25m120.SFS | HSK-63F SFH25 120 2.5G25000 SL | 25 | 44 | 53 | M16 | 120 | 57 |
| HK0.F63.25m160.SFS | HSK-63F SFH25 160 2.5G25000 SL | 25 | 44 | 53 | M16 | 160 | 57 |
| HK0.F63.32m120.SFS | HSK-63F SFH32 120 2.5G25000 SL | 32 | 44 | 53 | M16 | 120 | 61 |
| HK0.F63.32m160.SFS | HSK-63F SFH32 160 2.5G25000 SL | 32 | 44 | 53 | M16 | 160 | 61 |

# HSK-F63 (DIN 69893 - 6)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm

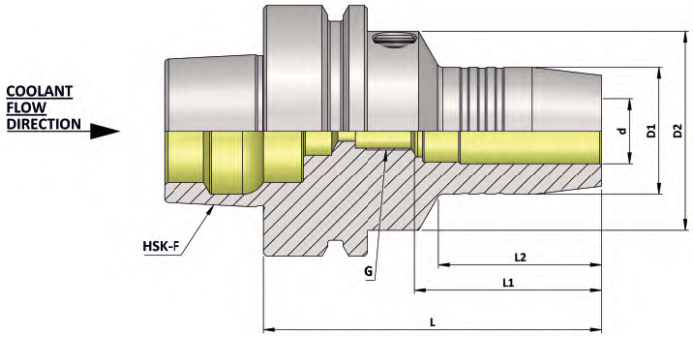



**INCH**

| HSK-F63 (DIN 69893-6) (SFH 4.5° ) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.F63.1/8z315.SFS | HSK-63F SFH1/8" 080 2.5G25000 SL | 1/8" | 0.394" | 0.787" | - | 3.15" | 0.472" |
| HK0.F63.1/8z4724.SFS | HSK-63F SFH1/8" 120 2.5G25000 SL | 1/8" | 0.394" | 0.787" | - | 4.724" | 0.472" |
| HK0.F63.1/8z6299.SFS | HSK-63F SFH1/8" 160 2.5G25000 SL | 1/8" | 0.394" | 0.787" | - | 6.299" | 0.472" |
| HK0.F63.3/16z315.SFS | HSK-63F SFH3/16" 080 2.5G25000 SL | 3/16" | 0.591" | 0.866" | - | 3.15" | 0.551" |
| HK0.F63.3/16z4724.SFS | HSK-63F SFH3/16" 120 2.5G25000 SL | 3/16" | 0.591" | 0.866" | - | 4.724" | 0.551" |
| HK0.F63.3/16z6299.SFS | HSK-63F SFH3/16" 160 2.5G25000 SL | 3/16" | 0.591" | 0.866" | - | 6.299" | 0.551" |
| HK0.F63.1/4z315.SFS | HSK-63F SFH1/4" 080 2.5G25000 SL | 1/4" | 0.827" | 1.063" | M5 | 3.15" | 1.417" |
| HK0.F63.1/4z4724.SFS | HSK-63F SFH1/4" 120 2.5G25000 SL | 1/4" | 0.827" | 1.063" | M5 | 4.724" | 1.417" |
| HK0.F63.1/4z6299.SFS | HSK-63F SFH1/4" 160 2.5G25000 SL | 1/4" | 0.827" | 1.063" | M5 | 6.299" | 1.417" |
| HK0.F63.5/16z315.SFS | HSK-63F SFH5/16" 080 2.5G25000 SL | 5/16" | 0.827" | 1.063" | M6 | 3.15" | 1.417" |
| HK0.F63.5/16z4724.SFS | HSK-63F SFH5/16" 120 2.5G25000 SL | 5/16" | 0.827" | 1.063" | M6 | 4.724" | 1.417" |
| HK0.F63.5/16z6299.SFS | HSK-63F SFH5/16" 160 2.5G25000 SL | 5/16" | 0.827" | 1.063" | M6 | 6.299" | 1.417" |
| HK0.F63.3/8z3346.SFS | HSK-63F SFH3/8" 080 2.5G25000 SL | 3/8" | 0.945" | 1.22" | M8 | 3.346" | 1.614" |
| HK0.F63.3/8z4724.SFS | HSK-63F SFH3/8" 120 2.5G25000 SL | 3/8" | 0.945" | 1.22" | M8 | 4.724" | 1.614" |
| HK0.F63.3/8z6299.SFS | HSK-63F SFH3/8" 160 2.5G25000 SL | 3/8" | 0.945" | 1.22" | M8 | 6.299" | 1.614" |
| HK0.F63.1/2z3543.SFS | HSK-63F SFH1/2"090 2.5G25000 SL | 1/2" | 0.945" | 1.22" | M10 | 3.543" | 1.811" |
| HK0.F63.1/2z4724.SFS | HSK-63F SFH1/2"120 2.5G25000 SL | 1/2" | 0.945" | 1.22" | M10 | 4.724" | 1.811" |
| HK0.F63.1/2z6299.SFS | HSK-63F SFH1/2"160 2.5G25000 SL | 1/2" | 0.945" | 1.22" | M10 | 6.299" | 1.811" |
| HK0.F63.5/8z374.SFS | HSK-63F SFH5/8"095 2.5G25000 SL | 5/8" | 1.063" | 1.339" | M12 | 3.74" | 1.929" |
| HK0.F63.5/8z4724.SFS | HSK-63F SFH5/8"120 2.5G25000 SL | 5/8" | 1.063" | 1.339" | M12 | 4.724" | 1.929" |
| HK0.F63.5/8z6299.SFS | HSK-63F SFH5/8"160 2.5G25000 SL | 5/8" | 1.063" | 1.339" | M12 | 6.299" | 1.929" |
| HK0.F63.3/4z3937.SFS | HSK-63F SFH3/4"100 2.5G25000 SL | 3/4" | 1.299" | 1.575" | M16 | 3.937" | 2.008" |
| HK0.F63.3/4z4724.SFS | HSK-63F SFH3/4"120 2.5G25000 SL | 3/4" | 1.299" | 1.575" | M16 | 4.724" | 2.008" |
| HK0.F63.3/4z6299.SFS | HSK-63F SFH3/4"160 2.5G25000 SL | 3/4" | 1.299" | 1.575" | M16 | 6.299" | 2.008" |
| HK0.F63.1z4724.SFS | HSK-63F SFH1.0"120 2.5G25000 SL | 1.0" | 1.732" | 2.087" | M16 | 4.724" | 2.244" |
| HK0.F63.1z6299.SFS | HSK-63F SFH1.0"160 2.5G25000 SL | 1.0" | 1.732" | 2.087" | M16 | 6.299" | 2.244" |
| HK0.F63.11/4z4724.SFS | HSK-63F SFH1-1/4""120 2.5G25000 SL | 1-1/4" | 1.732" | 2.087" | M16 | 4.724" | 2.402" |
| HK0.F63.11/4z6299.SFS | HSK-63F SFH1-1/4" 160 2.5G25000 SL | 1-1/4" | 1.732" | 2.087" | M16 | 6.299" | 2.402" |

# HSK-F63 (DIN 69893-6)
# Form F Hydraulic Expansion Chuck

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

**HSK-F63 (DIN 69893-6) Hydraulic Expansion Chuck**

| Product Code | Item Name | d | D1 | D2 | G | L | L1 | L2 |
|---|---|---|---|---|---|---|---|---|
| HK0.F63.6m70.HCS | HSK-63F HC06 070 2.5G 25000 SL | 6 | 26 | 50 | M5 | 70 | 37 | 24 |
| HK0.F63.8m70.HCS | HSK-63F HC08 070 2.5G 25000 SL | 8 | 28 | 50 | M6 | 70 | 37 | 25 |
| HK0.F63.10m80.HCS | HSK-63F HC10 080 2.5G 25000 SL | 10 | 30 | 50 | M8 | 80 | 41 | 35 |
| HK0.F63.12m85.HCS | HSK-63F HC12 085 2.5G 25000 SL | 12 | 32 | 50 | M10 | 85 | 46 | 40 |
| HK0.F63.14m85.HCS | HSK-63F HC14 085 2.5G 25000 SL | 14 | 34 | 50 | M10 | 85 | 46 | 40 |
| HK0.F63.16m90.HCS | HSK-63F HC16 090 2.5G 25000 SL | 16 | 38 | 50 | M12 | 90 | 49 | 46 |
| HK0.F63.18m90.HCS | HSK-63F HC18 090 2.5G 25000 SL | 18 | 40 | 50 | M12 | 90 | 49 | 47 |
| HK0.F63.20m90.HCS | HSK-63F HC20 090 2.5G 25000 SL | 20 | 42 | 50 | M16 | 90 | 51 | 48 |
| HK0.F63.25m120.HCS | HSK-63F HC25 120 2.5G 25000 SL | 25 | 57 | 53 | M16 | 120 | 57 | 63 |

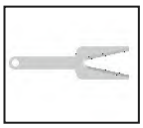
**INCH**

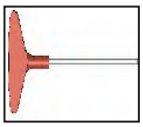
**HSK-F63 (DIN 69893-6) Hydraulic Expansion Chuck**

| Product Code | Item Name | d | D1 | D2 | G | L | L1 | L2 |
|---|---|---|---|---|---|---|---|---|
| HK0.F63.1/4z2756.HCS | HSK-63F HC1/4'' 070 2.5G 25000 SL | 1/4'' | 1.024" | 1.969" | M5 | 2.756" | 1.457" | 0.945" |
| HK0.F63.5/16z2756.HCS | HSK-63F HC5/16'' 070 2.5G 25000 SL | 5/16'' | 1.102" | 1.969" | M6 | 2.756" | 1.457" | 0.984" |
| HK0.F63.3/8z315.HCS | HSK-63F HC3/8'' 080 2.5G 25000 SL | 3/8'' | 1.181" | 1.969" | M8 | 3.15" | 1.614" | 1.378" |
| HK0.F63.1/2'm3346.HCS | HSK-63F HC1/2'' 085 2.5G 25000 SL | 1/2' | 1.26" | 1.969" | M10 | 3.346" | 1.811" | 1.575" |
| HK0.F63.5/8z3543.HCS | HSK-63F HC5/8'' 090 2.5G 25000 SL | 5/8'' | 1.496" | 1.969" | M12 | 3.543" | 1.929" | 1.811" |
| HK0.F63.3/4z3543.HCS | HSK-63F HC3/4'' 090 2.5G 25000 SL | 3/4'' | 1.654" | 1.969" | M16 | 3.543" | 2.008" | 1.89" |
| HK0.F63.1z4724.HCS | HSK-63F HC1'' 120 2.5G 25000 SL | 1'' | 2.244" | 2.087" | M16 | 4.724" | 2.244" | 2.480" |

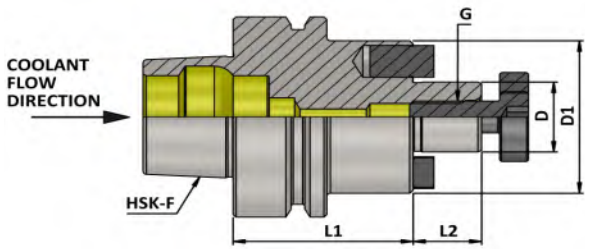
## Accessories:


REDUCTION SLEEVE SEAL


SPANNER HC


KEY HC 5MM

Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied



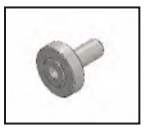

**METRIC**

| HSK-F63 (DIN 69893-6) FMH | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.F63.16m45.FMS | HSK-63FFMH160452.5G25000SLSP.S | 16 | 38 | 45 | 17 | M8 X 1.25P |
| HK0.F63.16m100.FMS | HSK-63FFMH161002.5G25000SLSP.S | 16 | 38 | 100 | 17 | M8 X 1.25P |
| HK0.F63.22m50.FMS | HSK-63FFMH220502.5G25000SLSP.S | 22 | 48 | 50 | 19 | M10 X 1.5P |
| HK0.F63.22m100.FMS | HSK-63FFMH221002.5G25000SLSP.S | 22 | 48 | 100 | 19 | M10 X 1.5P |
| HK0.F63.27m55.FMS | HSK-63FFMH270552.5G25000SLSP.S | 27 | 58 | 55 | 21 | M12 X 1.75P |
| HK0.F63.27m100.FMS | HSK-63FFMH271002.5G25000SLSP.S | 27 | 58 | 100 | 21 | M12 X 1.75P |
| HK0.F63.32m60.FMS | HSK-63FFMH320602.5G25000SLSP.S | 32 | 78 | 60 | 24 | M16 X 2P |
| HK0.F63.32m100.FMS | HSK-63FFMH321002.5G25000SLSP.S | 32 | 78 | 100 | 24 | M16 X 2P |
| HK0.F63.40m65.FMS | HSK-63FFMH400652.5G25000SLSP.S | 40 | 88 | 65 | 27 | M20 X 2.5P |
| HK0.F63.40m100.FMS | HSK-63FFMH401002.5G25000SLSP.S | 40 | 88 | 100 | 27 | M20 X 2.5P |

**INCH**

| HSK-F63 (DIN 69893-6) FMH | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| Product Code | Item Name | D | D1 | L1 | L2 | G |
| HK0.F63.3/4z4.FMS | HSK-63F FMH 3/4'' 4.0'' 2.5G 25000 SL | 3/4" | 2" | 4.0" | 0.687" | 3/8"-24 UNF - 2B x 1" |
| HK0.F63.1z4.FMS | HSK-63F FMH 1.0'' 4.0'' 2.5G 25000 SL | 1.0" | 2.375" | 4.0" | 0.687" | 1/2"-20 UNF - 2B x 1 1/4" |
| HK0.F63.11/4z275.FMS | HSK-63F FMH 1 1/4'' 2.75'' 2.5G 25000 SL | 1 1/4" | 2.875" | 2.75" | 0.687" | 5/8"-18 UNF - 2B x 1 1/4" |
| HK0.F63.11/4z4.FMS | HSK-63F FMH 1 1/4'' 4.0'' 2.5G 25000 SL | 1 1/4" | 2.875" | 4.0" | 0.687" | 5/8"-18 UNF - 2B x 1 1/4" |
| HK0.F63.11/2z4.FMS | HSK-63F FMH 1 1/2'' 4.0'' 2.5G 25000 SL | 1 1/2" | 3.750" | 4.0" | 0.938" | 3/4"-16 UNF - 2B x 1 1/2" |

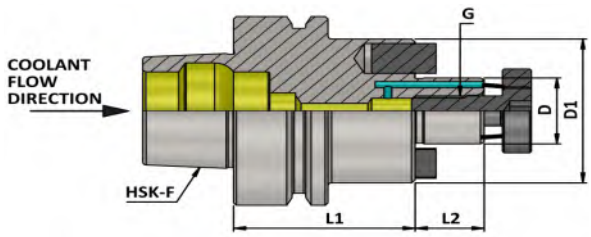
## Accessories:



FMH / CSMA
CLAMPING
SCREW

# HSK-F63 (DIN 69893-6) Face Mill Holder (Through Coolant) (DIN 6357) FMH - K

Maximum Run out of the External diameter with respect to the External Taper 0.005 mm as supplied



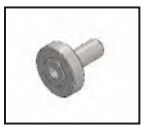

**METRIC**

| HSK-F63 (DIN 69893-6) FMH - K | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | G |
| HK0.F63.16m45.FMK | HSK-63F FMH-K16 045 2.5G 25000 SL SP.S | 16 | 38 | 45 | 17 | M8 X 1.25P |
| HK0.F63.16m100.FMK | HSK-63F FMH-K16 100 2.5G 25000 SL SP.S | 16 | 38 | 100 | 17 | M8 X 1.25P |
| HK0.F63.22m50.FMK | HSK-63F FMH-K22 050 2.5G 25000 SL SP.S | 22 | 48 | 50 | 19 | M10 X 1.5P |
| HK0.F63.22m100.FMK | HSK-63F FMH-K22 100 2.5G 25000 SL SP.S | 22 | 48 | 100 | 19 | M10 X 1.5P |
| HK0.F63.27m55.FMK | HSK-63F FMH-K27 055 2.5G 25000 SL SP.S | 27 | 58 | 55 | 21 | M12 X 1.75P |
| HK0.F63.27m100.FMK | HSK-63F FMH-K27 100 2.5G 25000 SL SP.S | 27 | 58 | 100 | 21 | M12 X 1.75P |
| HK0.F63.32m60.FMK | HSK-63F FMH-K32 060 2.5G 25000 SL SP.S | 32 | 78 | 60 | 24 | M16 X 2P |
| HK0.F63.32m100.FMK | HSK-63F FMH-K32 100 2.5G 25000 SL SP.S | 32 | 78 | 100 | 24 | M16 X 2P |
| HK0.F63.40m65.FMK | HSK-63F FMH-K40 065 2.5G 25000 SL SP.S | 40 | 88 | 65 | 27 | M20 X 2.5P |
| HK0.F63.40m100.FMK | HSK-63F FMH-K40 100 2.5G 25000 SL SP.S | 40 | 88 | 100 | 27 | M20 X 2.5P |

**INCH**

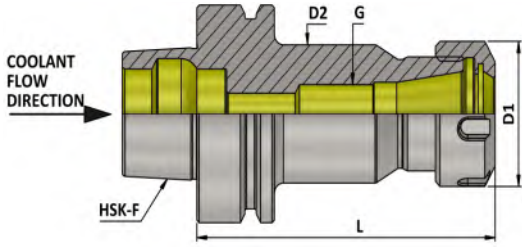
| HSK-F63 (DIN 69893-6) FMH - K | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|
| Product Code | Item Name | D | D1 | L1 | L2 | G |
| HK0.F63.3/4z4.FMK | HSK-63F FMH-K3/4'' 4.0'' 2.5G 25000 SL | 3/4" | 2" | 4.0" | 0.687" | 3/8"-24 UNF - 2B x 1" |
| HK0.F63.1z4.FMK | HSK-63F FMH-K1.0'' 4.0'' 2.5G 25000 SL | 1.0" | 2.375" | 4.0" | 0.687" | 1/2"-20 UNF - 2B x 1 1/4" |
| HK0.F63.11/4z275.FMK | HSK-63F FMH-K1-1/4'' 2.75'' 2.5G 25000 SL | 1 1/4" | 2.875" | 2.75" | 0.687" | 5/8"-18 UNF - 2B x 1 1/4" |
| HK0.F63.11/4z4.FMK | HSK-63F FMH-K1-1/4'' 4.0'' 2.5G 25000 SL | 1 1/4" | 2.875" | 4.0" | 0.687" | 5/8"-18 UNF - 2B x 1 1/4" |
| HK0.F63.11/2z4.FMK | HSK-63F FMH-K1-1/2'' 4.0'' 2.5G 25000 SL | 1 1/2" | 3.750" | 4.0" | 0.938" | 3/4"-16 UNF - 2B x 1 1/2" |

## Accessories:



FMH / CSMA CLAMPING SCREW

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied




**INCH**

| HSK - F63 (DIN 69893 - 6) Collet Chuck ER | | | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Suitable Collet | Collet Capacity | D1 | D2 | G | L | Nut | Spanner |
| HK0.F63.126z2362.ERS | HSK-63F ER 16 060 2.5G 25000 SL | ER 16 | 0.5-10 | 1.26" | - | M10X1 | 2.362" | UM/ER16 | E16 |
| HK0.F63.126z3937.ERS | HSK-63F ER 16 100 2.5G 25000 SL | ER 16 | 0.5-10 | 1.26" | - | M10X1 | 3.937" | UM/ER16 | E16 |
| HK0.F63.126z6299.ERS | HSK-63F ER 16 160 2.5G 25000 SL | ER 16 | 0.5-10 | 1.26" | - | M10X1 | 6.299" | UM/ER16 | E16 |
| HK0.F63.1654z2953.ERS | HSK-63F ER 25 075 2.5G 25000 SL | ER 25 | 1.0-16 | 1.654" | - | M18X1 | 2.953" | UM/ER25 | E25 |
| HK0.F63.1654z3937.ERS | HSK-63F ER 25 100 2.5G 25000 SL | ER 25 | 1.0-16 | 1.654" | - | M18X1 | 3.937" | UM/ER25 | E25 |
| HK0.F63.1654z6299.ERS | HSK-63F ER 25 160 2.5G 25000 SL | ER 25 | 1.0-16 | 1.654" | - | M18X1 | 6.299" | UM/ER25 | E25 |
| HK0.F63.1969z2953.ERS | HSK-63F ER 32 075 2.5G 25000 SL | ER 32 | 2.0-20 | 1.969" | - | M22X1.5 | 2.953" | UM/ER32 | E32 |
| HK0.F63.1969z3937.ERS | HSK-63F ER 32 100 2.5G 25000 SL | ER 32 | 2.0-20 | 1.969" | - | M22X1.5 | 3.937" | UM/ER32 | E32 |
| HK0.F63.1969z6299.ERS | HSK-63F ER 32 160 2.5G 25000 SL | ER 32 | 2.0-20 | 1.969" | - | M22X1.5 | 6.299" | UM/ER32 | E32 |
| HK0.F63.248z2953.ERS | HSK-63F ER 40 075 2.5G 25000 SL | ER 40 | 3.0-26 | 2.48" | - | M30X1.5 | 2.953" | UM/ER40 | E40 |
| HK0.F63.248z3937.ERS | HSK-63F ER 40 100 2.5G 25000 SL | ER 40 | 3.0-26 | 2.48" | - | M30X1.5 | 3.937" | UM/ER40 | E40 |
| HK0.F63.248z6299.ERS | HSK-63F ER 40 160 2.5G 25000 SL | ER 40 | 3.0-26 | 2.48" | - | M30X1.5 | 6.299" | UM/ER40 | E40 |

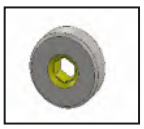
## Accessories:


ER COLLET (DIN 6499)

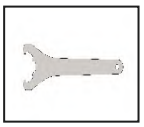

TAP COLLET ER-G


QC TAP COLLET QCTC


ER NUT

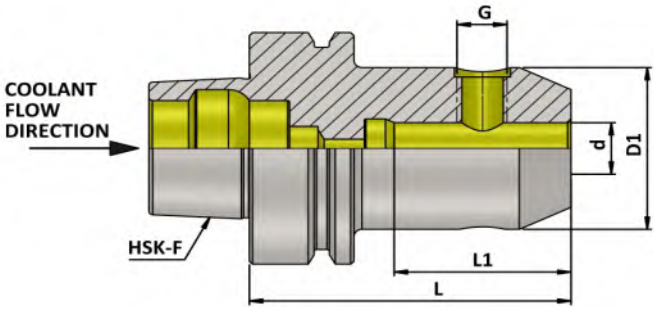

ER STOPPER SCREW


SEALING DISC


SPANNER E

# HSK-F63 (DIN 69893 -6) Weldon Type
# End Mill Holder (DIN 1835 B) (WE) (DIN 6359)

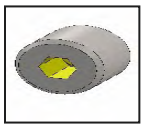
Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied




**METRIC**

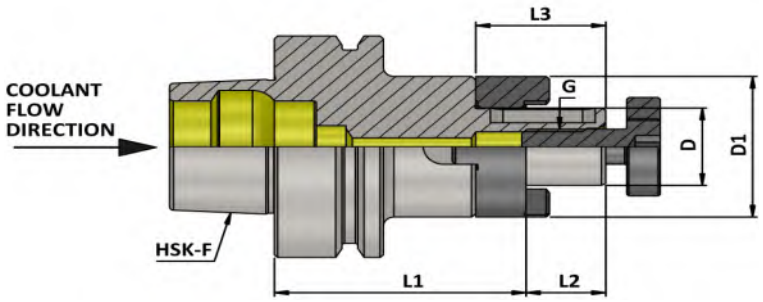
| HSK-F63 (DIN 69893 - 6) (WE) | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | G | L | L1 | Screw Qty |
| HK0.F63.6m65.WHS | HSK-63F WE06 065 2.5G 25000 SL | 6 | 25 | M6 | 65 | 34 | 1 |
| HK0.F63.8m65.WHS | HSK-63F WE08 065 2.5G 25000 SL | 8 | 28 | M8 | 65 | 34 | 1 |
| HK0.F63.10m65.WHS | HSK-63F WE10 065 2.5G 25000 SL | 10 | 35 | M10 | 65 | 40 | 1 |
| HK0.F63.12m80.WHS | HSK-63F WE12 080 2.5G 25000 SL | 12 | 42 | M12 | 80 | 46 | 1 |
| HK0.F63.14m80.WHS | HSK-63F WE14 080 2.5G 25000 SL | 14 | 44 | M12 | 80 | 46 | 1 |
| HK0.F63.16m80.WHS | HSK-63F WE16 080 2.5G 25000 SL | 16 | 48 | M14 | 80 | 48 | 1 |
| HK0.F63.18m80.WHS | HSK-63F WE18 080 2.5G 25000 SL | 18 | 50 | M14 | 80 | 48 | 1 |
| HK0.F63.20m80.WHS | HSK-63F WE20 080 2.5G 25000 SL | 20 | 52 | M16 | 80 | 52 | 1 |
| HK0.F63.25m110.WHS | HSK-63F WE25 110 2.5G 25000 SL | 25 | 65 | M18X2 | 110 | 56 | 2 |
| HK0.F63.32m110.WHS | HSK-63F WE32 110 2.5G 25000 SL | 32 | 72 | M20X2 | 110 | 60 | 2 |

## Accessories:



LOCKING
SCREW SLA

Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied

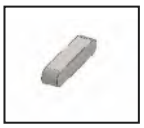


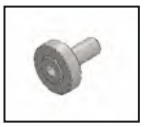

**METRIC**

| HSK-F63 (DIN 69893-6) CSMA | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | D | D1 | L1 | L2 | L3 | G |
| HK0.F63.16m60.CSA | HSK-63F CSMA16 060 2.5G 25000SL SP.S | 16 | 32 | 60 | 17 | 27 | M8 X 1.25P |
| HK0.F63.22m60.CSA | HSK-63F CSMA22 060 2.5G 25000SL SP.S | 22 | 40 | 60 | 19 | 31 | M10 X 1.5P |
| HK0.F63.27m60.CSA | HSK-63F CSMA27 060 2.5G 25000SL SP.S | 27 | 48 | 60 | 21 | 22 | M12 X 1.75P |
| HK0.F63.32m65.CSA | HSK-63F CSMA32 065 2.5G 25000SL SP.S | 32 | 58 | 65 | 24 | 38 | M16 X 2P |
| HK0.F63.40m70.CSA | HSK-63F CSMA40 070 2.5G 25000SL SP.S | 40 | 70 | 70 | 27 | 41 | M20 X 2.5P |

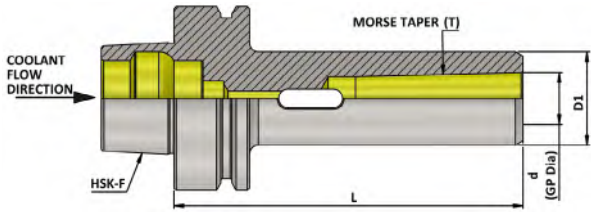
## Accessories:


CSMA DRIVER RING


CSMA KEY

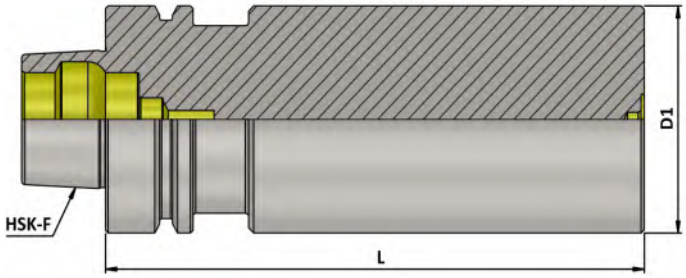

FMH / CSMA CLAMPING SCREW

Maximum Run out of the Internal Taper with respect to the External Taper 0.005 mm as supplied




**METRIC**

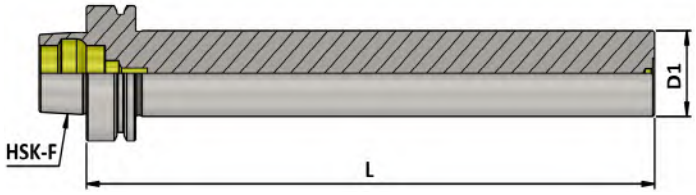
| HSK-F63 (DIN 69893-6) MTA | | | | | (Balanced to 6.3 G 20000 RPM) |
|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Morse Taper(T) | d (GP) | D1 | L |
| HK0.F63.12065m100.MTA | HSK-63F MT01 100 2.5G 25000 SL | 1 | 12.065 | 25 | 100 |
| HK0.F63.17780m120.MTA | HSK-63F MT02 120 2.5G 25000 SL | 2 | 17.780 | 32 | 120 |
| HK0.F63.23825m140.MTA | HSK-63F MT03 140 2.5G 25000 SL | 3 | 23.825 | 40 | 140 |
| HK0.F63.31267m160.MTA | HSK-63F MT04 160 2.5G 25000 SL | 4 | 31.267 | 48 | 160 |




METRIC

| HSK-F63 (DIN 69893-6) Boring Bar Blank | | | |
|---|---|---|---|
| PRODUCT CODE | Item Name | D1 | L |
| HK0.F63.63m200.BBB | HSK-63F BORING BAR BLANK DIA 63.0 200 | 63 | 200 |

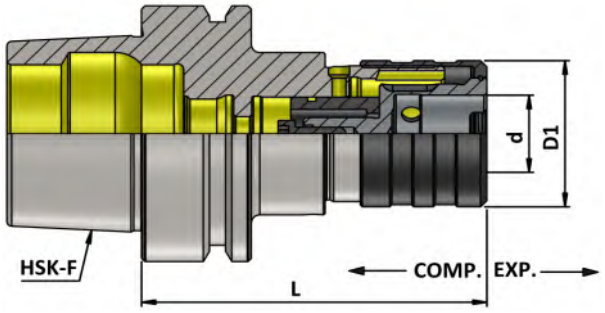
Maximum Run out of the External diameter with respect to the External Taper 0.003 mm




**METRIC**

| HSK-F63 (DIN 69893-6) Master Mandrell | | | |
|---|---|---|---|
| | | | (Sub Zero Treated) |
| **PRODUCT CODE** | **Item Name** | **D1** | **L** |
| HK0.F63.40m300.MML | HSK-63F MASTER MANDREL DIA40 300 | 40 | 300 |

# HSK-F63 (DIN 69893-6)
# Quick Change Tapping Chuck (KWFLK)




**METRIC**

| HSK-F63 (DIN 69893-6) (KWFLK) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | Capacity | Suitable Adaptor | Compr. | Expan. | d | D1 | L |
| HK0.F63.19m81.QCC | HSK-63F KWFLK1 81 | M3-M12 | KWES1B | 7.5 | 7.5 | 19 | 36 | 81 |
| HK0.F63.31m119.QCC | HSK-63F KWFLK2 119 | M6-M20 | KWES2B | 12.5 | 12.5 | 31 | 53 | 119 |
| HK0.F63.48m176.QCC | HSK-63F KWFLK3 176.0 | M14-M33 | KWES3B | 20 | 20 | 48 | 78 | 176 |

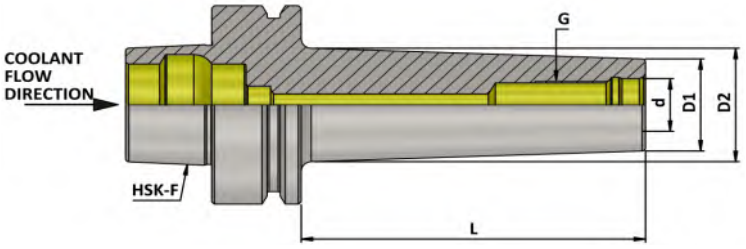
## Accessories:


TAP ADAPTOR KWES


TAP ADAPTOR KWESK B


TAP ADAPTOR REDUCTION SOCKET(KWRE)

Maximum Run out of the Internal diameter with respect to the External Taper 0.005 mm as supplied

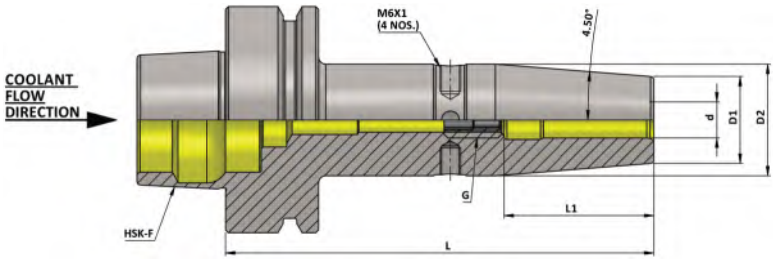



**METRIC**

| HSK-F63 (DIN 69893-6) (MCA) (AD+B) (JD/JF) | | | | | | | (Balanced to 2.5 G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | Item Name | d | D1 | D2 | G | L |
| HK0.F63.65m25.MCA | HSK-63F MCA06 025 2.5G 25000 SL | 6.5 | 10 | 13 | M6 | 25 |
| HK0.F63.65m50.MCA | HSK-63F MCA06 050 2.5G 25000 SL | 6.5 | 10 | 21 | M6 | 50 |
| HK0.F63.85m25.MCA | HSK-63F MCA08 025 2.5G 25000 SL | 8.5 | 13 | 15 | M8 | 25 |
| HK0.F63.85m50.MCA | HSK-63F MCA08 050 2.5G 25000 SL | 8.5 | 13 | 23 | M8 | 50 |
| HK0.F63.105m25.MCA | HSK-63F MCA10 025 2.5G 25000 SL | 10.5 | 18 | 20 | M10 | 25 |
| HK0.F63.105m50.MCA | HSK-63F MCA10 050 2.5G 25000 SL | 10.5 | 18 | 23 | M10 | 50 |
| HK0.F63.125m25.MCA | HSK-63F MCA12 025 2.5G 25000 SL | 12.5 | 21 | 24 | M12 | 25 |
| HK0.F63.125m50.MCA | HSK-63F MCA12 050 2.5G 25000 SL | 12.5 | 21 | 24 | M12 | 50 |
| HK0.F63.125m100.MCA | HSK-63F MCA12 100 2.5G 25000 SL | 12.5 | 21 | 33 | M12 | 100 |
| HK0.F63.125m150.MCA | HSK-63F MCA12 150 2.5G 25000 SL | 12.5 | 21 | 40 | M12 | 150 |
| HK0.F63.17m25.MCA | HSK-63F MCA16 025 2.5G 25000 SL | 17 | 29 | 29 | M16 | 25 |
| HK0.F63.17m50.MCA | HSK-63F MCA16 050 2.5G 25000 SL | 17 | 29 | 34 | M16 | 50 |
| HK0.F63.17m100.MCA | HSK-63F MCA16 100 2.5G 25000 SL | 17 | 29 | 36 | M16 | 100 |
| HK0.F63.17m150.MCA | HSK-63F MCA16 150 2.5G 25000 SL | 17 | 29 | 42.5 | M16 | 150 |

# HSK-F80 (DIN 69893 - 6)
# Shrink Fit Holder 4.5 Degree (SFH 4.5° )

Maximum Run out of the Internal diameter with respect to the External Taper 0.003 mm




**METRIC**

| HSK-F80 (DIN 69893-5) (SFH 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.F80.6m70.SFS | HSK-F 80 SFH06 070 2.5G25000 SL | 6 | 21 | 27 | M5 | 70 | 36 |
| HK0.F80.8m70.SFS | HSK-F 80 SFH08 070 2.5G25000 SL | 8 | 21 | 27 | M6 | 70 | 36 |
| HK0.F80.10m70.SFS | HSK-F 80 SFH10 070 2.5G25000 SL | 10 | 24 | 32 | M8 | 70 | 41 |
| HK0.F80.12m70.SFS | HSK-F 80 SFH12 070 2.5G25000 SL | 12 | 24 | 32 | M10 | 70 | 46 |
| HK0.F80.14m70.SFS | HSK-F 80 SFH14 070 2.5G25000 SL | 14 | 27 | 34 | M10 | 70 | 46 |
| HK0.F80.16m70.SFS | HSK-F 80 SFH16 070 2.5G25000 SL | 16 | 27 | 34 | M12 | 70 | 49 |
| HK0.F80.20m70.SFS | HSK-F 80 SFH20 070 2.5G25000 SL | 20 | 33 | 40 | M16 | 70 | 51 |
| HK0.F80.25m70.SFS | HSK-F 80 SFH25 070 2.5G25000 SL | 25 | 44 | 53 | M16 | 70 | 57 |

**INCH**

| HSK-F80 (DIN 69893-5) (SFH 4.5°) | | | | | | | (Balanced to 2.5G 25000 RPM) |
|---|---|---|---|---|---|---|---|
| Product Code | ITEM NAME | d | D1 | D2 | G | L | L1 |
| HK0.F80.1/4z2756.SFS | HSK-F 80 SFH1/4" 070 2.5G25000 SL | 1/4" | 0.827" | 1.063" | M5 | 2.756" | 1.417" |
| HK0.F80.5/16z2756.SFS | HSK-F 80 SFH5/16" 070 2.5G25000 SL | 5/16" | 0.827" | 1.063" | M6 | 2.756" | 1.417" |
| HK0.F80.3/8z2756.SFS | HSK-F 80 SFH3/8" 070 2.5G25000 SL | 3/8" | 0.945" | 1.26" | M8 | 2.756" | 1.614" |
| HK0.F80.1/2z2756.SFS | HSK-F 80 SFH1/2" 070 2.5G25000 SL | 1/2" | 0.945" | 1.26" | M10 | 2.756" | 1.811" |
| HK0.F80.5/8z2756.SFS | HSK-F 80 SFH5/8" 070 2.5G25000 SL | 5/8" | 1.063" | 1.339" | M12 | 2.756" | 1.929" |
| HK0.F80.3/4z2756.SFS | HSK-F 80 SFH3/4" 070 2.5G25000 SL | 3/4" | 1.299" | 1.575" | M16 | 2.756" | 2.008" |
| HK0.F80.1z2756.SFS | HSK-F 80 SFH1.0" 070 2.5G25000 SL | 1.0" | 1.732" | 2.087" | M16 | 2.756" | 2.244" |

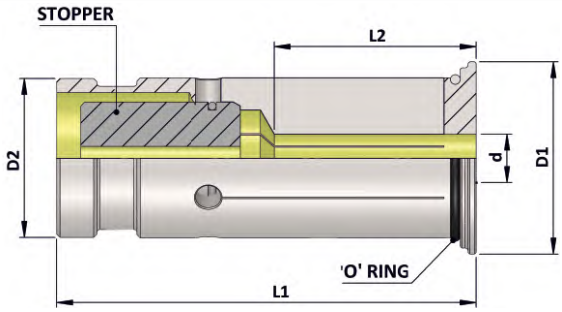


# ACCESSORIES


| 350 | Accessories for Tool Holders |
|---|---|
| 350 | REDUCTION SLEEVE SEAL |
| 357 | SPANNER HC |
| 357 | KEY HC 5MM |
| 358 | FMH / CSMA CLAMPING SCREW |
| 359 | DMC COLLET |
| 360 | DMC ALLEN CAP SCREW |
| 361 | DMC ALLEN KEY |
| 362 | DMC LH SCREW |
| 363 | POWER CHUCK SPANNER |
| 364 | ER COLLET (DIN 6499) |
| 370 | TAP COLLET ER-G |
| 373 | ER NUT |
| 376 | SPANNER E |
| 377 | ER A TYPE SPANNER |
| 378 | ER SLOTTED NUT |
| 379 | LOCKING SCREW SLA |
| 380 | SPANNER NCDC |
| 381 | TAP ADAPTOR KWESK B |
| 384 | TAP ADAPTOR REDUCTION SOCKET(KWRE) |
| 385 | CSMA DRIVER RING |
| 386 | CSMA KEY |
| 387 | Coolant Tube for HSK - A |
| 388 | Spanner For HSK-A (DIN 69893-1) Coolant Tube |
| 389 | Sealing Plug For HSK-A |

# Reduction Sleeve Seal (RS Seal)
# For Hydraulic Expansion Chuck

Stopper for adjustable stop/
length adjustment




**METRIC**

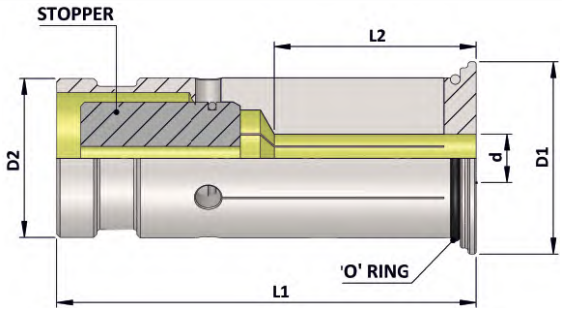
| Reduction Sleeve Seal (RS Seal) | | | | | | |
|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | L1 | Minimum Insertion Length (L2) |
| K10251209556127 | RS SEAL 12 x 3 | 3 | 16.5 | 12 | 48 | 14 |
| K10251209528127 | RS SEAL 12 x 4 | 4 | 16.5 | 12 | 48 | 15 |
| K10251209561127 | RS SEAL 12 x 5 | 5 | 16.5 | 12 | 48 | 18 |
| K10251209342127 | RS SEAL 12 x 6 | 6 | 16.5 | 12 | 48 | 25 |
| K10251695854127 | RS SEAL 12 x 7 | 7 | 16.5 | 12 | 48 | 25 |
| K10251209314127 | RS SEAL 12 x 8 | 8 | 16.5 | 12 | 48 | 26 |

**METRIC**

| Reduction Sleeve Seal (RS Seal) | | | | | | |
|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | L1 | Minimum Insertion Length (L2) |
| K10251217323127 | RS SEAL 20 x 3 | 3 | 24 | 20 | 52.5 | 14 |
| K10251217434127 | RS SEAL 20 x 4 | 4 | 24 | 20 | 52.5 | 15 |
| K10251217442127 | RS SEAL 20 x 5 | 5 | 24 | 20 | 52.5 | 18 |
| K10312185301127 | RS SEAL 20 x 6 | 6 | 24 | 20 | 52.5 | 25 |
| K10251217426127 | RS SEAL 20 x 7 | 7 | 24 | 20 | 52.5 | 25 |
| K10251217443127 | RS SEAL 20 x 8 | 8 | 24 | 20 | 52.5 | 30 |
| K10251217415127 | RS SEAL 20 x 9 | 9 | 24 | 20 | 52.5 | 30 |
| K10251217416127 | RS SEAL 20 x 10 | 10 | 24 | 20 | 52.5 | 33 |
| K10251217444127 | RS SEAL 20 x 11 | 11 | 24 | 20 | 52.5 | 33 |
| K10251217445127 | RS SEAL 20 x 12 | 12 | 24 | 20 | 52.5 | 34 |
| K10251217417127 | RS SEAL 20 x 13 | 13 | 24 | 20 | 52.5 | 34 |
| K10251217418127 | RS SEAL 20 x 14 | 14 | 24 | 20 | 52.5 | 34 |
| K10251217419127 | RS SEAL 20 x 15 | 15 | 24 | 20 | 52.5 | 40 |
| K10312195301127 | RS SEAL 20 x 16 | 16 | 24 | 20 | 52.5 | 40 |

# Reduction Sleeve Seal (RS Seal)
# For Hydraulic Expansion Chuck

Stopper for adjustable stop/
length adjustment




**METRIC**

**Reduction Sleeve Seal (RS Seal)**

| PRODUCT CODE | ITEM NAME | d | D1 | D2 | L1 | Minimum Insertion Length (L2) |
|---|---|---|---|---|---|---|
| K10251695867127 | RS SEAL 25 x 6 | 6 | 29 | 25 | 56.5 | 25 |
| K10251695894127 | RS SEAL 25 x 8 | 8 | 29 | 25 | 56.5 | 25 |
| K10251695895127 | RS SEAL 25 x 10 | 10 | 29 | 25 | 56.5 | 33 |
| K10251695874127 | RS SEAL 25 x 12 | 12 | 29 | 25 | 56.5 | 34 |
| K10251695896127 | RS SEAL 25 x 14 | 14 | 29 | 25 | 56.5 | 34 |
| K10251695875127 | RS SEAL 25 x 16 | 16 | 29 | 25 | 56.5 | 40 |
| K10251695897127 | RS SEAL 25 x 18 | 18 | 29 | 25 | 56.5 | 40 |
| K10251695898127 | RS SEAL 25 x 20 | 20 | 29 | 25 | 56.5 | 40 |

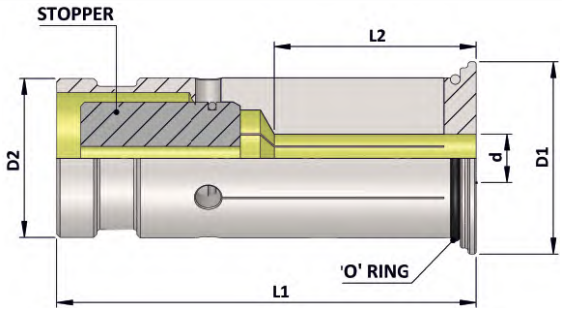
**METRIC**

**Reduction Sleeve Seal (RS Seal)**

| PRODUCT CODE | ITEM NAME | d | D1 | D2 | L1 | Minimum Insertion Length (L2) |
|---|---|---|---|---|---|---|
| K10251229324127 | RS SEAL 32 x 6 | 6 | 36 | 32 | 63.5 | 25 |
| K10251695905127 | RS SEAL 32 x 7 | 7 | 24 | 32 | 63.5 | 25 |
| K10251229325127 | RS SEAL 32 x 8 | 8 | 36 | 32 | 63.5 | 25 |
| K10251695906127 | RS SEAL 32 x 9 | 9 | 24 | 32 | 63.5 | 33 |
| K10251229322127 | RS SEAL 32 x 10 | 10 | 36 | 32 | 63.5 | 33 |
| K10251695907127 | RS SEAL 32 x 11 | 11 | 24 | 32 | 63.5 | 34 |
| K10251229327127 | RS SEAL 32 x 12 | 12 | 36 | 32 | 63.5 | 34 |
| K10251695908127 | RS SEAL 32 x 13 | 13 | 24 | 32 | 63.5 | 34 |
| K10251229326127 | RS SEAL 32 x 14 | 14 | 36 | 32 | 63.5 | 34 |
| K10251695909127 | RS SEAL 32 x 15 | 15 | 24 | 32 | 63.5 | 40 |
| K10251229420127 | RS SEAL 32 x 16 | 16 | 36 | 32 | 63.5 | 40 |
| K10251229501127 | RS SEAL 32 x 18 | 18 | 36 | 32 | 63.5 | 40 |
| K10251229554127 | RS SEAL 32 x 20 | 20 | 36 | 32 | 63.5 | 40 |
| K10251229481127 | RS SEAL 32 x 25 | 25 | 36 | 32 | 63.5 | 42 |

# Reduction Sleeve Seal (RS Seal)
# For Hydraulic Expansion Chuck

Stopper for adjustable stop/
length adjustment




**INCH**

**Reduction Sleeve Seal (RS Seal)**

| PRODUCT CODE | ITEM NAME | d | D1 | D2 | L1 | Minimum Insertion Length (L2) |
|---|---|---|---|---|---|---|
| K10251695920127 | RS SEAL 12 X 1/8'' - | 1/8'' | 16.5 | 12 | 44 | 14 |
| K10251695921127 | RS SEAL 12 X 3/16'' - | 3/16'' | 16.5 | 12 | 44 | 15 |
| K10251695922127 | RS SEAL 12 X 1/4'' - | 1/4'' | 16.5 | 12 | 44 | 25 |
| K10251695923127 | RS SEAL 12 X 5/16'' - | 5/16'' | 16.5 | 12 | 44 | 26 |

**INCH**

**Reduction Sleeve Seal (RS Seal)**

| PRODUCT CODE | ITEM NAME | d | D1 | D2 | L1 | Minimum Insertion Length (L2) |
|---|---|---|---|---|---|---|
| K10251695925127 | RS SEAL 20 X 1/8'' - | 1/8'' | 24 | 20 | 52.5 | 14 |
| K10251695926127 | RS SEAL 20 X 3/16'' - | 3/16'' | 24 | 20 | 52.5 | 15 |
| K10251695927127 | RS SEAL 20 X 1/4'' - | 1/4'' | 24 | 20 | 52.5 | 25 |
| K10251695928127 | RS SEAL 20 X 5/16'' - | 5/16'' | 24 | 20 | 52.5 | 30 |
| K10251695929127 | RS SEAL 20 X 3/8'' - | 3/8'' | 24 | 20 | 52.5 | 33 |
| K10251695930127 | RS SEAL 20 X 1/2'' - | 1/2'' | 24 | 20 | 52.5 | 34 |
| K10251695931127 | RS SEAL 20 X 5/8'' - | 5/8'' | 24 | 20 | 52.5 | 40 |

**INCH**

**Reduction Sleeve Seal (RS Seal)**

| PRODUCT CODE | ITEM NAME | d | D1 | D2 | L1 | Minimum Insertion Length (L2) |
|---|---|---|---|---|---|---|
| K10251695869521 | RS SEAL 25 X 1/4'' | 1/4" | 19 | 25 | 56.5 | 25 |
| K10251695470127 | RS SEAL 25 X 5/16'' - | 5/16" | 19 | 25 | 56.5 | 25 |
| K10251695755127 | RS SEAL 25 X 3/8'' - | 3/8" | 19 | 25 | 56.5 | 33 |
| K10251695138127 | RS SEAL 25 X 1/2''- | 1/2' | 19 | 25 | 56.5 | 34 |
| K10251695130127 | RS SEAL 25 X 5/8''- | 5/8" | 19 | 25 | 56.5 | 40 |
| K10251695517127 | RS SEAL 25 X 3/4''- | 3/4" | 19 | 25 | 56.5 | 40 |

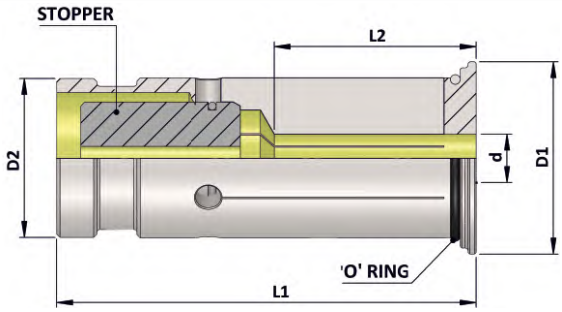
**INCH**

**Reduction Sleeve Seal (RS Seal)**

| PRODUCT CODE | ITEM NAME | d | D1 | D2 | L1 | Minimum Insertion Length (L2) |
|---|---|---|---|---|---|---|
| K10251695932127 | RS SEAL 32 X 1/4'' - | 1/4'' | 36 | 32 | 63.5 | 25 |
| K10251695933127 | RS SEAL 32 X 5/16'' - | 5/16'' | 36 | 32 | 63.5 | 25 |
| K10251695934127 | RS SEAL 32 X 3/8'' - | 3/8'' | 36 | 32 | 63.5 | 33 |
| K10251695935127 | RS SEAL 32 X 1/2'' - | 1/2'' | 36 | 32 | 63.5 | 34 |
| K10251695936127 | RS SEAL 32 X 5/8'' - | 5/8'' | 36 | 32 | 63.5 | 40 |
| K10251695937127 | RS SEAL 32 X 3/4'' - | 3/4'' | 36 | 32 | 63.5 | 40 |
| K10251695938127 | RS SEAL 32 X 1.0'' - | 1.0'' | 36 | 32 | 63.5 | 42 |

# Reduction Sleeve Seal (RS Seal)
# For Hydraulic Expansion Chuck

Stopper for adjustable stop/
length adjustment




**INCH**

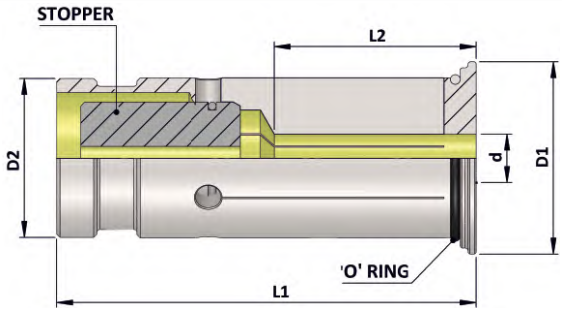
| Reduction Sleeve Seal (RS Seal) | | | | | | |
|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | L1 | Minimum Insertion Length (L2) |
| K10334658636127 | RS SEAL 1/2'' - 1/8'' | 1/8" | 16.50 | 1/2" | 48 | 14 |
| K10334659637127 | RS SEAL 1/2'' - 3/16'' | 3/16” | 16.50 | 1/2” | 48 | 18 |
| K10334660638127 | RS SEAL 1/2'' - 1/4'' | 1/4'' | 16.50 | 1/2” | 48 | 25 |
| K10334661639127 | RS SEAL 1/2'' - 5/16'' | 5/16'' | 16.50 | 1/2" | 48 | 26 |

**INCH**

| Reduction Sleeve Seal (RS Seal) | | | | | | |
|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | L1 | Minimum Insertion Length (L2) |
| K10335658636127 | RS SEAL 3/4'' - 1/8'' | 1/8'' | 24 | 3/4" | 52.50 | 14 |
| K10335659637127 | RS SEAL 3/4'' - 3/16'' | 3/16'' | 24 | 3/4" | 52.50 | 18 |
| K10335660638127 | RS SEAL 3/4'' - 1/4'' | 1/4'' | 24 | 3/4" | 52.50 | 25 |
| K10335661639127 | RS SEAL 3/4'' - 5/16'' | 5/16'' | 24 | 3/4" | 52.50 | 30 |
| K10251695939127 | RS SEAL 3/4'' - 7/16'' | 7/16'' | 29 | 3/4'' | 52.5 | 33 |
| K10335667640127 | RS SEAL 3/4'' - 3/8'' | 3/8'' | 24 | 3/4" | 52.50 | 33 |
| K10335662641127 | RS SEAL 3/4'' - 1/2'' | 1/2” | 24 | 3/4" | 52.50 | 34 |
| K10335667640127 | RS SEAL 3/4'' - 5/8'' | 5/8'' | 24 | 3/4" | 52.50 | 40 |

# Reduction Sleeve Seal (RS Seal)
# For Hydraulic Expansion Chuck

Stopper for adjustable stop/
length adjustment




**INCH**

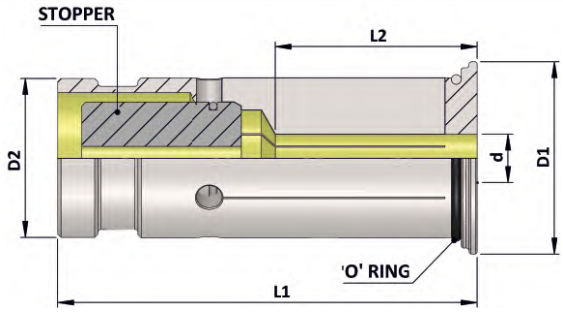
| Reduction Sleeve Seal (RS Seal) | | | | | | |
|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | L1 | Minimum Insertion Length (L2) |
| K10362660638127 | RS SEAL 1.0" - 1/4'' | 1/4'' | 29 | 1.0" | 56.5 | 25 |
| K10362661639127 | RS SEAL 1.0" - 5/16'' | 5/16'' | 29 | 1.0" | 56.5 | 25 |
| K10362667640127 | RS SEAL 1.0" - 3/8" | 3/8'' | 29 | 1.0" | 56.5 | 33 |
| K10362662641127 | RS SEAL 1.0" - 1/2'' | 1/2'' | 29 | 1.0" | 56.5 | 34 |
| K10362663642127 | RS SEAL 1.0" - 5/8'' | 5/8'' | 29 | 1.0" | 56.5 | 40 |
| K10362664643127 | RS SEAL 1.0" - 3/4'' | 3/4'' | 29 | 1.0" | 56.5 | 40 |

**INCH**

| Reduction Sleeve Seal (RS Seal) | | | | | | |
|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | L1 | Minimum Insertion Length (L2) |
| K10336660638127 | RS SEAL 1-1/4'' - 1/4'' | 1/4'' | 36 | 1-1/4" | 63.50 | 25 |
| K10336661639127 | RS SEAL 1-1/4'' - 5/16'' | 5/16'' | 36 | 1-1/4" | 63.50 | 25 |
| K10336667640127 | RS SEAL 1-1/4'' - 3/8'' | 3/8'' | 36 | 1-1/4" | 63.50 | 33 |
| K10336662641127 | RS SEAL 1-1/4'' - 1/2'' | 1/2'' | 36 | 1-1/4" | 63.50 | 34 |
| K10336663642127 | RS SEAL 1-1/4'' - 5/8'' | 5/8'' | 36 | 1-1/4" | 63.50 | 40 |
| K10336664643127 | RS SEAL 1-1/4'' - 3/4'' | 3/4'' | 36 | 1-1/4" | 63.50 | 40 |
| K10336665644127 | RS SEAL 1-1/4'' - 1'' | 1'' | 36 | 1-1/4" | 63.50 | 42 |

# Reduction Sleeve Seal (RS Seal)
# For Hydraulic Expansion Chuck

Stopper for adjustable stop/
length adjustment




**INCH**

**Reduction Sleeve Seal (RS Seal)**

| PRODUCT CODE | ITEM NAME | d | D1 | D2 | L1 | Minimum Insertion Length (L2) |
|---|---|---|---|---|---|---|
| K10251695176127 | RS SEAL 1/2''X 3 | 3 | 16.5 | 1/2" | 44 | 14 |
| K10251695579127 | RS SEAL 1/2''X 4 | 4 | 16.5 | 1/2" | 44 | 15 |
| K10251695546127 | RS SEAL 1/2''X 5 | 5 | 16.5 | 1/2" | 44 | 18 |
| K10251695301127 | RS SEAL 1/2''X 6 | 6 | 16.5 | 1/2" | 44 | 25 |
| K10251695559127 | RS SEAL 1/2''X 7 | 7 | 16.5 | 1/2" | 44 | 25 |
| K10251695171127 | RS SEAL 1/2''X 8 | 8 | 16.5 | 1/2" | 44 | 26 |

**INCH**

**Reduction Sleeve Seal (RS Seal)**

| PRODUCT CODE | ITEM NAME | d | D1 | D2 | L1 | Minimum Insertion Length (L2) |
|---|---|---|---|---|---|---|
| K10251695940127 | RS SEAL 3/4'' X 3 | 3 | 29 | 3/4'' | 52.5 | 14 |
| K10251695941127 | RS SEAL 3/4'' X 4 | 4 | 29 | 3/4'' | 52.5 | 15 |
| K10251695942127 | RS SEAL 3/4'' X 5 | 5 | 29 | 3/4'' | 52.5 | 18 |
| K10251695943127 | RS SEAL 3/4'' X 6 | 6 | 29 | 3/4'' | 52.5 | 25 |
| K10251695944127 | RS SEAL 3/4'' X 8 | 8 | 29 | 3/4'' | 52.5 | 30 |
| K10251695945127 | RS SEAL 3/4'' X 10 | 10 | 29 | 3/4'' | 52.5 | 33 |
| K10251695946127 | RS SEAL 3/4'' X 12 | 12 | 29 | 3/4'' | 52.5 | 34 |
| K10251695947127 | RS SEAL 3/4'' X 14 | 14 | 29 | 3/4'' | 52.5 | 34 |
| K10251695948127 | RS SEAL 3/4'' X 16 | 16 | 29 | 3/4'' | 52.5 | 40 |

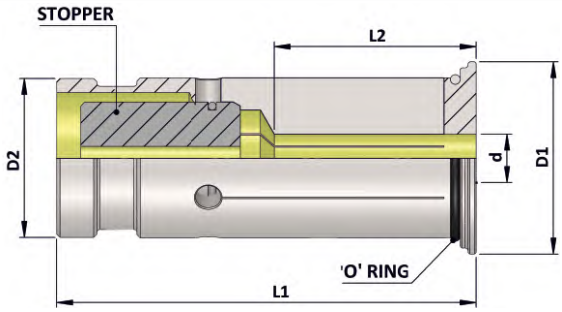
**INCH**

**Reduction Sleeve Seal (RS Seal)**

| PRODUCT CODE | ITEM NAME | d | D1 | D2 | L1 | Minimum Insertion Length (L2) |
|---|---|---|---|---|---|---|
| K10362185877127 | RS SEAL 1.0" X 6 | 6 | 29 | 1.0" | 56.5 | 25 |
| K10362187877127 | RS SEAL 1.0" X 8 | 8 | 29 | 1.0" | 56.5 | 25 |
| K10362189877127 | RS SEAL 1.0" X 10 | 10 | 29 | 1.0" | 56.5 | 33 |
| K10362191877127 | RS SEAL 1.0" X 12 | 12 | 29 | 1.0" | 56.5 | 34 |
| K10362193877127 | RS SEAL 1.0" X 14 | 14 | 29 | 1.0" | 56.5 | 34 |
| K10362195877127 | RS SEAL 1.0" X 16 | 16 | 29 | 1.0" | 56.5 | 40 |
| K10362271877127 | RS SEAL 1.0" X 18 | 18 | 29 | 1.0" | 56.5 | 40 |
| K10362196877127 | RS SEAL 1.0" X 20 | 20 | 29 | 1.0" | 56.5 | 40 |

# Reduction Sleeve Seal (RS Seal)
# For Hydraulic Expansion Chuck

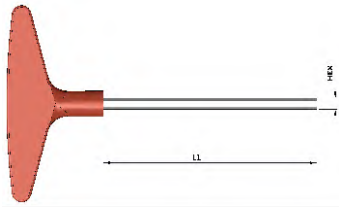
Stopper for adjustable stop/
length adjustment




**INCH**

**Reduction Sleeve Seal (RS Seal)**

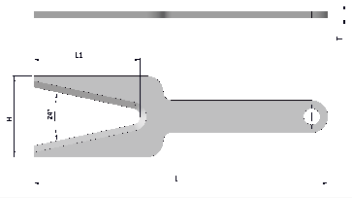
| PRODUCT CODE | ITEM NAME | d | D1 | D2 | L1 | Minimum Insertion Length (L2) |
|---|---|---|---|---|---|---|
| K10336185877127 | RS SEAL 1-1/4'' X 6 | 6 | 36 | 1-1/4'' | 63.5 | 25 |
| K10336187877127 | RS SEAL 1-1/4'' X 8 | 8 | 36 | 1-1/4'' | 63.5 | 25 |
| K10336189877127 | RS SEAL 1-1/4'' X 10 | 10 | 36 | 1-1/4'' | 63.5 | 33 |
| K10336191877127 | RS SEAL 1-1/4'' X 12 | 12 | 36 | 1-1/4'' | 63.5 | 34 |
| K10336193877127 | RS SEAL 1-1/4'' X 14 | 14 | 36 | 1-1/4'' | 63.5 | 34 |
| K10336195877127 | RS SEAL 1-1/4'' X 16 | 16 | 36 | 1-1/4'' | 63.5 | 40 |
| K10336271877127 | RS SEAL 1-1/4'' X 18 | 18 | 36 | 1-1/4'' | 63.5 | 40 |
| K10251695949127 | RS SEAL 1-1/4'' X 20 | 20 | 36 | 1-1/4'' | 63.5 | 40 |
| K10251695950127 | RS SEAL 1-1/4'' X 25 | 25 | 36 | 1-1/4'' | 63.5 | 42 |




KEY HC MM

**METRIC**

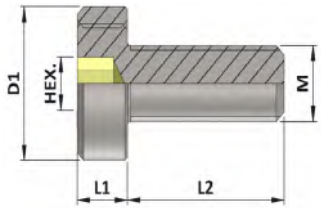
| PRODUCT CODE | ITEM NAME | L | L1 | H | T | HEX |
|---|---|---|---|---|---|---|
| K10337641336127 | KEY HC 4mm | - | 110 | 12 | 48 | 14 |
| K10337668645127 | KEY HC 5mm | - | 110 | 12 | 48 | 15 |




SPANNER HC

**METRIC**

| PRODUCT CODE | ITEM NAME | L | L1 | H | T | HEX |
|---|---|---|---|---|---|---|
| K10184641301127 | SPANNER HC | 182 | 65 | 50 | - | - |

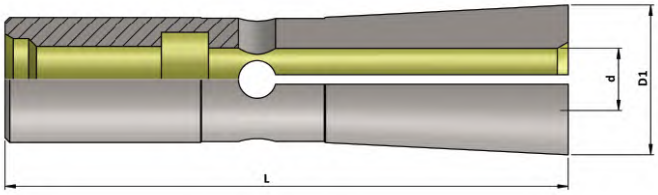



**METRIC**

**FMH / CSMA Clamping Screw**

| PRODUCT CODE | ITEM NAME | D1 | L1 | L2 | M | HEX |
|---|---|---|---|---|---|---|
| K101992133011127 | CLAMPINGSCREWFORCSMA16 | 20 | 7 | 25 | M8 | 5 |
| K101992193011127 | CLAMPINGSCREWFORCSMA22 | 28 | 7 | 25 | M10 | 6 |
| K101992243011127 | CLAMPINGSCREWFORCSMA27 | 35 | 9 | 35 | M12 | 8 |
| K101992293011127 | CLAMPINGSCREWFORCSMA32 | 42 | 9 | 35 | M16 | 10 |
| K101993783011127 | CLAMPINGSCREWFORCSMA40 | 52 | 11 | 40 | M20 | 12 |

## COLLET DMC




**METRIC**

| COLLET DMC | | | | (Concentricity within 0.005 mm) |
|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | L |
| K101081993011127 | COLLET DMC06 02 | 2 | 9.6 | 36 |
| K101082003011127 | COLLET DMC06 03 | 3 | 9.6 | 36 |
| K101082013011127 | COLLET DMC06 04 | 4 | 9.6 | 36 |
| K101082023011127 | COLLET DMC06 05 | 5 | 9.6 | 36 |
| K101082033011127 | COLLET DMC06 06 | 6 | 9.6 | 36 |

**INCH**

| COLLET DMC | | | | (Concentricity within 0.005 mm) |
|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | L |
| K101085243011127 | COLLET DMC06 1/8'' (3.175 MM) | 1/8" | 9.6 | 36 |
| K101084998775211 | COLLET DMC06 3/16'' (4.76 MM) | 3/16" | 9.6 | 36 |
| K101085238775211 | COLLET DMC06 1/4 '' (6.35 MM) | 1/4" | 9.6 | 36 |

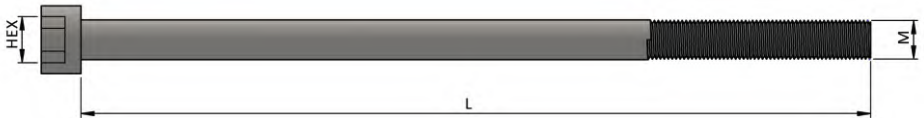
**METRIC**

| COLLET DMC | | | | (Concentricity within 0.005 mm) |
|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | L |
| K101092003011127 | COLLET DMC08 03 | 3 | 15 | 45 |
| K101092013011127 | COLLET DMC08 04 | 4 | 15 | 45 |
| K101092033011127 | COLLET DMC08 06 | 6 | 15 | 45 |
| K101092053011127 | COLLET DMC08 08 | 8 | 15 | 45 |

**METRIC**

| COLLET DMC | | | | (Concentricity within 0.005 mm) |
|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | L |
| K101102003011127 | COLLET DMC10 03 | 3 | 19.1 | 52 |
| K101102013011127 | COLLET DMC10 04 | 4 | 19.1 | 52 |
| K101102033011127 | COLLET DMC10 06 | 6 | 19.1 | 52 |
| K101102053011127 | COLLET DMC10 08 | 8 | 19.1 | 52 |
| K101102073011127 | COLLET DMC10 10 | 10 | 19.1 | 52 |

ALLEN CAP SCREW

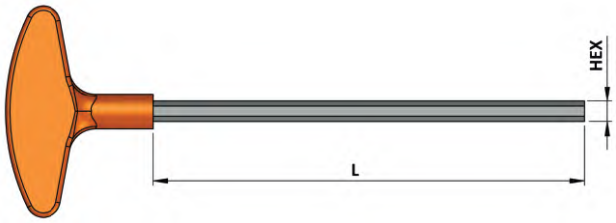



METRIC

**ALLEN CAP SCREW FOR DMC HOLDERS**

| PRODUCT CODE | ITEM NAME | L | M | HEX |
|---|---|---|---|---|
| K102909273011127 | ALLEN CAP SCREW M5 X 25MM FOR DMC 06 | 25 | M5 | 4 |
| K102906883011127 | ALLEN CAP SCREW M5 X 40MM FOR DMC 06 | 40 | M5 | 4 |
| K102905893011127 | ALLEN CAP SCREW M5 X 70MM FOR DMC 06 | 70 | M5 | 4 |
| K101912014762 48 | ALLEN CAP SCREW M5 X 100MM FOR DMC 06 | 100 | M5 | 4 |
| K102909313011127 | ALLEN CAP SCREW M6 X 30MM FOR DMC 08 | 30 | M6 | 5 |
| K102909283011127 | ALLEN CAP SCREW M6 X 40MM FOR DMC 08 | 40 | M6 | 5 |
| K102909293011127 | ALLEN CAP SCREW M6 X 70MM FOR DMC 08 | 70 | M6 | 5 |
| K102909303011127 | ALLEN CAP SCREW M6 X 100MM FOR DMC 08 | 100 | M6 | 5 |
| K102909263011127 | ALLEN CAP SCREW M8 X 30MM FOR DMC 10 | 30 | M8 | 6 |

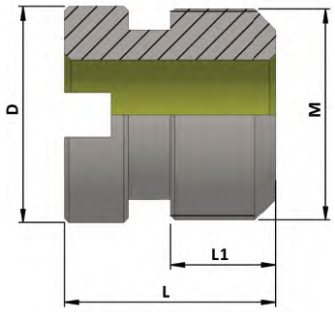
ALLEN KEY FOR DMC HOLDERS




METRIC

| ALLEN KEY FOR DMC HOLDERS | | | |
|---|---|---|---|
| PRODUCT CODE | ITEM NAME | HEX (mm) | L |
| K103446873011127 | ALLEN KEY 4 X 200MM FOR DMC 06 - | 4 | 200 |
| K103449433011127 | ALLEN KEY 5 X 200MM FOR DMC 08 - | 5 | 200 |
| K103449443011127 | ALLEN KEY 6 X 200MM FOR DMC 10 - | 6 | 200 |

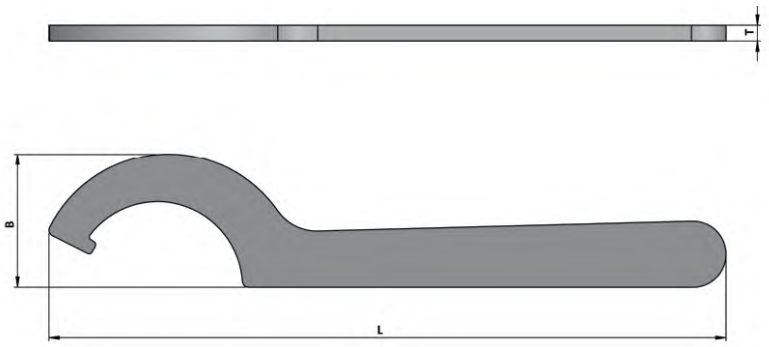
## LEFT HAND SPECIAL SCREW FOR DMC HOLDERS




**METRIC**

| Left Hand Special Screw For DMC Holders | | | | |
|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | D | L | L1 | M |
| K1010212111 5110 | DMC-06 M10 X 1.5P LH.SPL.SCREW | 10 | 10 | 5 | 10 |
| K1010212111 48110 | DMC-08 M12 X 1.5P LH.SPL.SCREW | 12 | 10 | 5 | 12 |
| K1010145835 7110 | DMC-10 M16 X 1.5P LH.SPL.SCREW | 16 | 13 | 7 | 16 |

SPANNER FOR POWER MILLING CHUCK




**METRIC**

| Spanner For (PMC) | | | | | |
|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | T | B | L | Suitable Chuck |
| K101844453011127 | SPANNER C-20 | 6 | 42.5 | 216 | PMC C-20 |
| K101844463011127 | SPANNER C-32 | 6 | 53 | 288 | PMC C-32 |

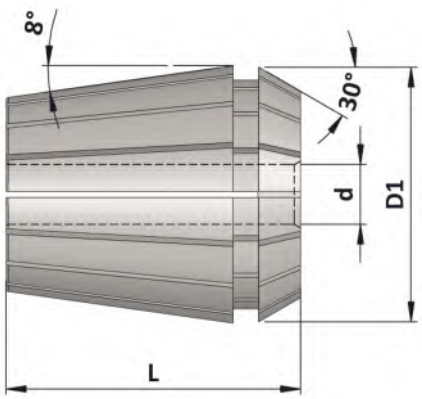
SPANNER FOR POWER MILLING CHUCK



**METRIC**

**Collet Set ER (DIN 6499)**

| PRODUCT CODE | ITEM NAME | Clamping Range(d) | PCS/SET |
|---|---|---|---|
| K10264148493207 | COLLET SET ER 11 (1 - 7 MM) 7 PIECES CLASS I | 1 - 7 | 7 |
| K10264149484207 | COLLET SET ER 16 (1-10 MM) 10 PCS WITH BOX CLASS I | 1 - 10 | 10 |
| K10264150535207 | COLLET SET ER 20 (2-13 MM )12 PCS WITH BOX CLASS I | 2 - 13 | 12 |
| K10264151514207 | COLLET SET ER 25 (2- 16 MM) 15PCS WITH BOX CLASS I | 2 - 16 | 15 |
| K10264152485207 | COLLET SET ER 32 (3-20 MM) 18 PCS WITH BOX CLASS I | 3 - 20 | 18 |
| K10264153494207 | COLLET SET ER 40 (3-26 MM) 24 PCS WITH BOX CLASS I | 3 - 26 | 24 |

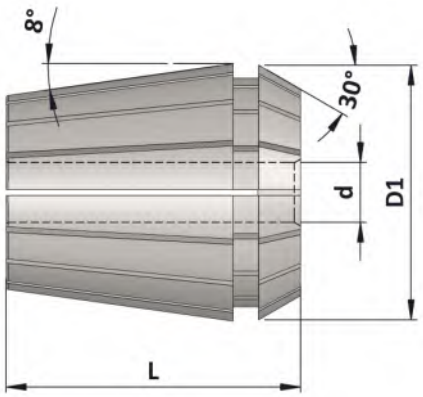



**METRIC**

| Collet ER 11 (Class-1) | | | | |
|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | Clamping Range(d) | D1 | L |
| K101543293012 07 | COLLET ER11 DIA 1.0 - 0.50 - CLASS I | 1.0 - 0.50 | 11.5 | 18 |
| K101543313012 07 | COLLET ER11 DIA 2.0-1.5 - CLASS I | 2.0 - 1.5 | 11.5 | 18 |
| K101543333012 07 | COLLET ER11 DIA 3.0-2.5 - CLASS I | 3.0 - 2.5 | 11.5 | 18 |
| K101543353012 07 | COLLET ER11 DIA 4.0-3.5 - CLASS I | 4.0 - 3.5 | 11.5 | 18 |
| K101543373012 07 | COLLET ER11 DIA 5.0-4.5 - CLASS I | 5.0 - 4.5 | 11.5 | 18 |
| K101543393012 07 | COLLET ER11 DIA 6.0-5.5 - CLASS I | 6.0 - 5.5 | 11.5 | 18 |
| K101543433012 07 | COLLET ER11 DIA 7.0-6.5 - CLASS I | 7.0 - 6.5 | 11.5 | 18 |

**METRIC**

| Collet ER 16 (Class-1) | | | | |
|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | Clamping Range(d) | D1 | L |
| K101552913012 07 | COLLET ER16 DIA 1.0 - 0.50 - CLASS I | 1.0 - 0.50 | 17 | 27.5 |
| K101552923012 07 | COLLET ER16 DIA 2-1 - CLASS I | 2.0 - 1.0 | 17 | 27.5 |
| K101552933012 07 | COLLET ER16 DIA 3-2 - CLASS I | 3.0 - 2.0 | 17 | 27.5 |
| K101552943012 07 | COLLET ER16 DIA 4-3 - CLASS I | 4.0 - 3.0 | 17 | 27.5 |
| K101552953012 07 | COLLET ER16 DIA 5-4 - CLASS I | 5.0 - 4.0 | 17 | 27.5 |
| K101552963012 07 | COLLET ER16 DIA 6-5 - CLASS I | 6.0 - 5.0 | 17 | 27.5 |
| K101552973012 07 | COLLET ER16 DIA 7-6 - CLASS I | 7.0 - 6.0 | 17 | 27.5 |
| K101552983012 07 | COLLET ER16 DIA 8-7 - CLASS I | 8.0 - 7.0 | 17 | 27.5 |
| K101552993012 07 | COLLET ER16 DIA 9-8 - CLASS I | 9.0 - 8.0 | 17 | 27.5 |
| K101553003012 07 | COLLET ER16 DIA 10-9 - CLASS I | 10.0 - 9.0 | 17 | 27.5 |

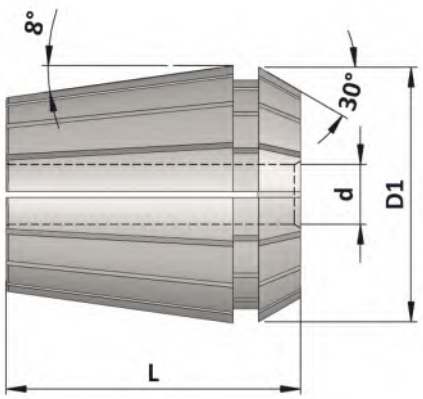



**METRIC**

| Collet ER 20 (Class-1) | | | | |
|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | Clamping Range(d) | D1 | L |
| K101563293012 07 | COLLET ER20 DIA 1.0 - 0.50 - CLASS I | 1.0 - 0.50 | 21 | 31.5 |
| K101562923012 07 | COLLET ER20 DIA 2-1 - CLASS I | 2 - 1 | 21 | 31.5 |
| K101562933012 07 | COLLET ER20 DIA 3-2 - CLASS I | 3 - 2 | 21 | 31.5 |
| K101562943012 07 | COLLET ER20 DIA 4-3 - CLASS I | 4 - 3 | 21 | 31.5 |
| K101562953012 07 | COLLET ER20 DIA 5-4 - CLASS I | 5 - 4 | 21 | 31.5 |
| K101562963012 07 | COLLET ER20 DIA 6-5 - CLASS I | 6 - 5 | 21 | 31.5 |
| K101562973012 07 | COLLET ER20 DIA 7-6 - CLASS I | 7 - 6 | 21 | 31.5 |
| K101562983012 07 | COLLET ER20 DIA 8-7 - CLASS I | 8 - 7 | 21 | 31.5 |
| K101562993012 07 | COLLET ER20 DIA 9-8 - CLASS I | 9 - 8 | 21 | 31.5 |
| K101563003012 07 | COLLET ER20 DIA 10-9 - CLASS I | 10 - 9 | 21 | 31.5 |
| K101563013012 07 | COLLET ER20 DIA 11-10 - CLASS I | 11 - 10 | 21 | 31.5 |
| K101563023012 07 | COLLET ER20 DIA 12-11 - CLASS I | 12 - 11 | 21 | 31.5 |
| K101563033012 07 | COLLET ER20 DIA 13-12 - CLASS I | 13 - 12 | 21 | 31.5 |

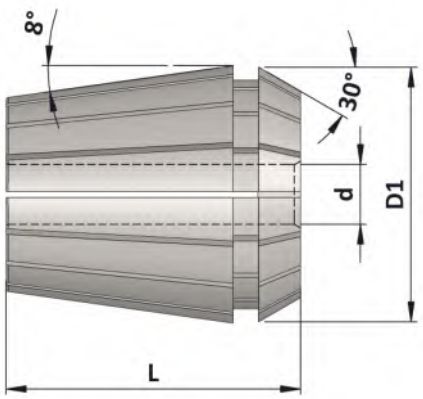
**METRIC**

| Collet ER 25 (Class-1) | | | | |
|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | Clamping Range(d) | D1 | L |
| K101572923012 07 | COLLET ER25 DIA 2-1 - CLASS I | 2 - 1 | 26 | 34 |
| K101572933012 07 | COLLET ER25 DIA 3-2 - CLASS I | 3 - 2 | 26 | 34 |
| K101572943012 07 | COLLET ER25 DIA 4-3 - CLASS I | 4 - 3 | 26 | 34 |
| K101572953012 07 | COLLET ER25 DIA 5-4 - CLASS I | 5 - 4 | 26 | 34 |
| K101572963012 07 | COLLET ER25 DIA 6-5 - CLASS I | 6 - 5 | 26 | 34 |
| K101572973012 07 | COLLET ER25 DIA 7-6 - CLASS I | 7 - 6 | 26 | 34 |
| K101572983012 07 | COLLET ER25 DIA 8-7 - CLASS I | 8 - 7 | 26 | 34 |
| K101572993012 07 | COLLET ER25 DIA 9-8 - CLASS I | 9 - 8 | 26 | 34 |
| K101573003012 07 | COLLET ER25 DIA 10-9 - CLASS I | 10 - 9 | 26 | 34 |
| K101573013012 07 | COLLET ER25 DIA 11-10 - CLASS I | 11 - 10 | 26 | 34 |
| K101573023012 07 | COLLET ER25 DIA 12-11 - CLASS I | 12 - 11 | 26 | 34 |
| K101573033012 07 | COLLET ER25 DIA 13-12 - CLASS I | 13 - 12 | 26 | 34 |
| K101573043012 07 | COLLET ER25 DIA 14-13 - CLASS I | 14 - 13 | 26 | 34 |
| K101573053012 07 | COLLET ER25 DIA 15-14 - CLASS I | 15 - 14 | 26 | 34 |
| K101573063012 07 | COLLET ER25 DIA 16-15 - CLASS I | 16 - 15 | 26 | 34 |



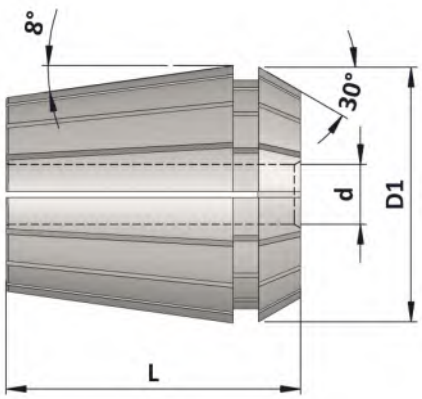

**METRIC**

| Collet ER 32 (Class-1) | | | | |
|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | Clamping Range(d) | D1 | L |
| K101582923012 07 | COLLET ER32 DIA 2-1 - CLASS I | 2 - 1 | 33 | 40 |
| K101582933012 07 | COLLET ER32 DIA 3-2 - CLASS I | 3 - 2 | 33 | 40 |
| K101582943012 07 | COLLET ER32 DIA 4-3 - CLASS I | 4 - 3 | 33 | 40 |
| K101582953012 07 | COLLET ER32 DIA 5-4 - CLASS I | 5 - 4 | 33 | 40 |
| K101582963012 07 | COLLET ER32 DIA 6-5 - CLASS I | 6 - 5 | 33 | 40 |
| K101582973012 07 | COLLET ER32 DIA 7-6 - CLASS I | 7 - 6 | 33 | 40 |
| K101582983012 07 | COLLET ER32 DIA 8-7 - CLASS I | 8 - 7 | 33 | 40 |
| K101582993012 07 | COLLET ER32 DIA 9-8 - CLASS I | 9 - 8 | 33 | 40 |
| K101583003012 07 | COLLET ER32 DIA 10-9 - CLASS I | 10 - 9 | 33 | 40 |
| K101583013012 07 | COLLET ER32 DIA 11-10 - CLASS I | 11 - 10 | 33 | 40 |
| K101583023012 07 | COLLET ER32 DIA 12-11 - CLASS I | 12 - 11 | 33 | 40 |
| K101583033012 07 | COLLET ER32 DIA 13-12 - CLASS I | 13 - 12 | 33 | 40 |
| K101583043012 07 | COLLET ER32 DIA 14-13 - CLASS I | 14 - 13 | 33 | 40 |
| K101583053012 07 | COLLET ER32 DIA 15-14 - CLASS I | 15 - 14 | 33 | 40 |
| K101583063012 07 | COLLET ER32 DIA 16-15 - CLASS I | 16 - 15 | 33 | 40 |
| K101583073012 07 | COLLET ER32 DIA 17-16 - CLASS I | 17 - 16 | 33 | 40 |
| K101583083012 07 | COLLET ER32 DIA 18-17 - CLASS I | 18 -17 | 33 | 40 |
| K101583093012 07 | COLLET ER32 DIA 19-18 - CLASS I | 19 - 18 | 33 | 40 |
| K101583103012 07 | COLLET ER32 DIA 20-19 - CLASS I | 20 - 19 | 33 | 40 |



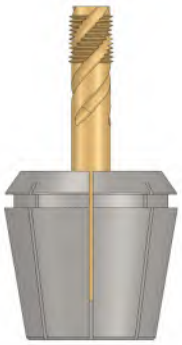

METRIC

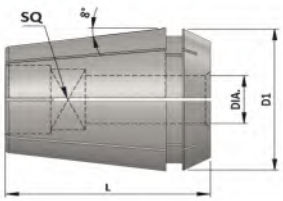
| Collet ER 40 (Class-1) | | | | |
|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | Clamping Range(d) | D1 | L |
| K101592933012O7 | COLLET ER40 DIA 3-2 - CLASS I | 3 - 2 | 41 | 46 |
| K101592943012O7 | COLLET ER40 DIA 4-3 - CLASS I | 4 - 3 | 41 | 46 |
| K101592953012O7 | COLLET ER40 DIA 5-4 - CLASS I | 5 - 4 | 41 | 46 |
| K101592963012O7 | COLLET ER40 DIA 6-5 - CLASS I | 6 - 5 | 41 | 46 |
| K101592973012O7 | COLLET ER40 DIA 7-6 - CLASS I | 7 - 6 | 41 | 46 |
| K101592983012O7 | COLLET ER40 DIA 8-7 - CLASS I | 8 - 7 | 41 | 46 |
| K101592993012O7 | COLLET ER40 DIA 9-8 - CLASS I | 9 - 8 | 41 | 46 |
| K101593003012O7 | COLLET ER40 DIA 10-9 - CLASS I | 10 - 9 | 41 | 46 |
| K101593013012O7 | COLLET ER40 DIA 11-10 - CLASS I | 11 - 10 | 41 | 46 |
| K101593023012O7 | COLLET ER40 DIA 12-11 - CLASS I | 12 - 11 | 41 | 46 |
| K101593033012O7 | COLLET ER40 DIA 13-12 - CLASS I | 13 - 12 | 41 | 46 |
| K101593043012O7 | COLLET ER40 DIA 14-13 - CLASS I | 14 - 13 | 41 | 46 |
| K101593053012O7 | COLLET ER40 DIA 15-14 - CLASS I | 15 - 14 | 41 | 46 |
| K101593063012O7 | COLLET ER40 DIA 16-15 - CLASS I | 16 - 15 | 41 | 46 |
| K101593073012O7 | COLLET ER40 DIA 17-16 - CLASS I | 17 - 16 | 41 | 46 |
| K101593083012O7 | COLLET ER40 DIA 18-17 - CLASS I | 18 -17 | 41 | 46 |
| K101593093012O7 | COLLET ER40 DIA 19-18 - CLASS I | 19 - 18 | 41 | 46 |
| K1015931O3012O7 | COLLET ER40 DIA 20-19 - CLASS I | 20 - 19 | 41 | 46 |
| K1015931I3012O7 | COLLET ER40 DIA 21-20 - CLASS I | 21 - 20 | 41 | 46 |
| K1015931213012O7 | COLLET ER40 DIA 22-21 - CLASS I | 22 - 21 | 41 | 46 |
| K1015931313012O7 | COLLET ER40 DIA 23-22 - CLASS I | 23 - 22 | 41 | 46 |
| K1015931413012O7 | COLLET ER40 DIA 24-23 - CLASS I | 24 - 23 | 41 | 46 |
| K1015931513012O7 | COLLET ER40 DIA 25-24 - CLASS I | 25 - 24 | 41 | 46 |
| K1015931613012O7 | COLLET ER40 DIA 26-25 - CLASS I | 26 - 25 | 41 | 46 |




**METRIC**

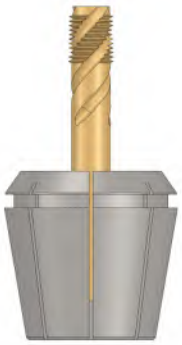
| Collet ER 50 (Class-1) | | | | |
|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | Clamping Range(d) | D1 | L |
| K101964953012 07 | COLLET ER50 DIA 4-3 - CLASS I | 4 - 3 | 52 | 60 |
| K101964943012 07 | COLLET ER50 DIA 6-5 - CLASS I | 6 - 5 | 52 | 60 |
| K101964933012 07 | COLLET ER50 DIA 10-9 - CLASS I | 10 - 9 | 52 | 60 |
| K101963173012 07 | COLLET ER50 DIA 12-10 - CLASS I | 12 - 10 | 52 | 60 |
| K101963183012 07 | COLLET ER50 DIA 14-12 - CLASS I | 14 - 12 | 52 | 60 |
| K101963193012 07 | COLLET ER50 DIA 16-14 - CLASS I | 16 - 14 | 52 | 60 |
| K101963203012 07 | COLLET ER50 DIA 18-16 - CLASS I | 18 -16 | 52 | 60 |
| K101963213012 07 | COLLET ER50 DIA 20-18 - CLASS I | 20 - 18 | 52 | 60 |
| K101963223012 07 | COLLET ER50 DIA 22-20 - CLASS I | 22 - 20 | 52 | 60 |
| K101963233012 07 | COLLET ER50 DIA 24-22 - CLASS I | 24 - 22 | 52 | 60 |
| K101963243012 07 | COLLET ER50 DIA 26-24 - CLASS I | 26 - 24 | 52 | 60 |
| K101963253012 07 | COLLET ER50 DIA 28-26 - CLASS I | 28 - 26 | 52 | 60 |
| K101963263012 07 | COLLET ER50 DIA 30-28 - CLASS I | 30 - 28 | 52 | 60 |
| K101963273012 07 | COLLET ER50 DIA 32-30 - CLASS I | 32 - 30 | 52 | 60 |
| K101963283012 07 | COLLET ER50 DIA 34-32 - CLASS I | 34 - 32 | 52 | 60 |

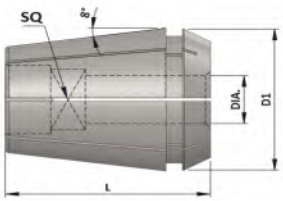





**METRIC**

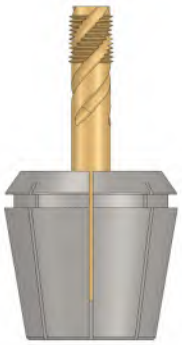
| Tap Collet ER 16 G | | | | | |
|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | Dia | Square | D1 | L |
| K10255479449127 | TAP COLLET ER 16G 3.5 X 2.7 | 3.50 | 2.70 | 17 | 27.5 |
| K10255479450127 | TAP COLLET ER 16G 4.0 X 3.0 | 4.00 | 3.00 | 17 | 27.5 |
| K10255479565127 | TAP COLLET ER 16G 4.0 X 3.15 | 4.00 | 3.15 | 17 | 27.5 |
| K10255479451127 | TAP COLLET ER 16G 4.5 X 3.4 | 4.50 | 3.40 | 17 | 27.5 |
| K10255479452127 | TAP COLLET ER 16G 5.0 X 4.0 | 5.00 | 4.00 | 17 | 27.5 |
| K10255479557127 | TAP COLLET ER 16G 5.5 X 4.3 | 5.50 | 4.30 | 17 | 27.5 |
| K10255479453127 | TAP COLLET ER 16G 6.0 X 4.9 | 6.00 | 4.90 | 17 | 27.5 |
| K10255479454127 | TAP COLLET ER 16G 6.3 X 5.0 | 6.30 | 5.00 | 17 | 27.5 |
| K10255479455127 | TAP COLLET ER 16G 7.0 X 5.5 | 7.00 | 5.50 | 17 | 27.5 |
| K10255479570127 | TAP COLLET ER 16G 7.1 X 5.6 | 7.10 | 5.60 | 17 | 27.5 |
| K10255479456127 | TAP COLLET ER 16G 8.0 X 6.2 | 8.00 | 6.20 | 17 | 27.5 |
| K10255479456225 | TAP COLLET ER 16G 8.0 X 6.3 | 8.00 | 6.30 | 17 | 27.5 |
| K10255479457127 | TAP COLLET ER 16G 9.0 X 7.0 | 9.00 | 7.00 | 17 | 27.5 |
| K10255479474127 | TAP COLLET ER 16G 9.0 X 7.1 | 9.00 | 7.10 | 17 | 27.5 |
| K10255479458127 | TAP COLLET ER 16G 10.0 X 8.0 | 10.00 | 8.00 | 17 | 27.5 |

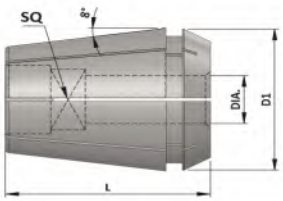





**METRIC**

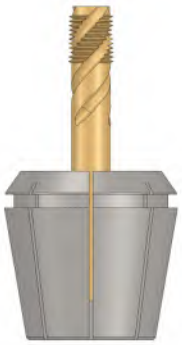
| Tap Collet ER 20 G | | | | | |
|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | Dia | Square | D1 | L |
| K10255480449127 | TAP COLLET ER 20G 3.5 X 2.7 | 3.50 | 2.70 | 21 | 31.5 |
| K10255480450127 | TAP COLLET ER 20G 4.0 X 3.0 | 4.00 | 3.00 | 21 | 31.5 |
| K10255480565127 | TAP COLLET ER 20G 4.0 X 3.15 | 4.00 | 3.15 | 21 | 31.5 |
| K10255480451127 | TAP COLLET ER 20G 4.5 X 3.4 | 4.50 | 3.40 | 21 | 31.5 |
| K10255480452127 | TAP COLLET ER 20G 5.0 X 4.0 | 5.00 | 4.00 | 21 | 31.5 |
| K10255480557127 | TAP COLLET ER 20G 5.5 X 4.3 | 5.50 | 4.30 | 21 | 31.5 |
| K10255480453127 | TAP COLLET ER 20G 6.0 X 4.9 | 6.00 | 4.90 | 21 | 31.5 |
| K10255480454127 | TAP COLLET ER 20G 6.3 X 5.0 | 6.30 | 5.00 | 21 | 31.5 |
| K10255480455127 | TAP COLLET ER 20G 7.0 X 5.5 | 7.00 | 5.50 | 21 | 31.5 |
| K10255480570127 | TAP COLLET ER 20G 7.1 X 5.6 | 7.10 | 5.60 | 21 | 31.5 |
| K10255480456127 | TAP COLLET ER 20G 8.0 X 6.2 | 8.00 | 6.20 | 21 | 31.5 |
| K10255480456225 | TAP COLLET ER 20G 8.0 X 6.3 | 8.00 | 6.30 | 21 | 31.5 |
| K10255480457127 | TAP COLLET ER 20G 9.0 X 7.0 | 9.00 | 7.00 | 21 | 31.5 |
| K10255480474127 | TAP COLLET ER 20G 9.0 X 7.1 | 9.00 | 7.10 | 21 | 31.5 |
| K10255480458127 | TAP COLLET ER 20G 10.0 X 8.0 | 10.00 | 8.00 | 21 | 31.5 |
| K10255480469127 | TAP COLLET ER 20G 11.0 X 9.0 | 11.00 | 9.00 | 21 | 31.5 |
| K10255480459127 | TAP COLLET ER 20G 11.2 X 9.0 | 11.20 | 9.00 | 21 | 31.5 |
| K10255480460127 | TAP COLLET ER 20G 12.0 X 9.0 | 12.00 | 9.00 | 21 | 31.5 |

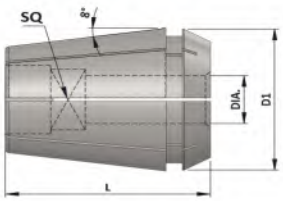





**METRIC**

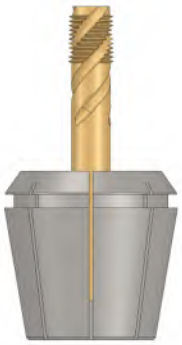
| Tap Collet ER 25 G | | | | | |
|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | Dia | Square | D1 | L |
| K10255151449127 | TAP COLLET ER 25G 3.5 X 2.7 | 3.50 | 2.70 | 26 | 34 |
| K10255481450127 | TAP COLLET ER 25G 4.0 X 3.0 | 4.00 | 3.00 | 26 | 34 |
| K10255481565127 | TAP COLLET ER 25G 4.0 X 3.15 | 4.00 | 3.15 | 26 | 34 |
| K10255481451127 | TAP COLLET ER 25G 4.5 X 3.4 | 4.50 | 3.40 | 26 | 34 |
| K10255481452127 | TAP COLLET ER 25G 5.0 X 4.0 | 5.00 | 4.00 | 26 | 34 |
| K10255481557127 | TAP COLLET ER 25G 5.5 X 4.3 | 5.50 | 4.30 | 26 | 34 |
| K10255481453127 | TAP COLLET ER 25G 6.0 X 4.9 | 6.00 | 4.90 | 26 | 34 |
| K10255481454127 | TAP COLLET ER 25G 6.3 X 5.0 | 6.30 | 5.00 | 26 | 34 |
| K10255481455127 | TAP COLLET ER 25G 7.0 X 5.5 - | 7.00 | 5.50 | 26 | 34 |
| K10255481570127 | TAP COLLET ER 25G 7.1 X 5.6 | 7.10 | 5.60 | 26 | 34 |
| K10255481456127 | TAP COLLET ER 25G 8.0 X 6.2 | 8.00 | 6.20 | 26 | 34 |
| K10255481195127 | TAP COLLET ER 25G 8.0 X 6.3 | 8.00 | 6.30 | 26 | 34 |
| K10255481457127 | TAP COLLET ER 25G 9.0 X 7.0 | 9.00 | 7.00 | 26 | 34 |
| K10255481474127 | TAP COLLET ER 25G 9.0 X 7.1 | 9.00 | 7.10 | 26 | 34 |
| K10255481458127 | TAP COLLET ER 25G 10.0 X 8.0 | 10.00 | 8.00 | 26 | 34 |
| K10255481469127 | TAP COLLET ER 25G 11.0 X 9.0 | 11.00 | 9.00 | 26 | 34 |
| K10255481459127 | TAP COLLET ER 25G 11.2 X 9.0 | 11.20 | 9.00 | 26 | 34 |
| K10255481460127 | TAP COLLET ER 25G 12.0 X 9.0 | 12.00 | 9.00 | 26 | 34 |
| K10255481461127 | TAP COLLET ER 25G 12.5 X 10.0 - | 12.50 | 10.00 | 26 | 34 |
| K10255481462127 | TAP COLLET ER 25G 14.0 X 11.0 | 14.00 | 11.00 | 26 | 34 |
| K10255481463127 | TAP COLLET ER 25G 14.0 X 11.2 | 14.00 | 11.20 | 26 | 34 |
| K10255481470127 | TAP COLLET ER 25G 16.0 X 12.0 | 16.00 | 12.00 | 26 | 34 |

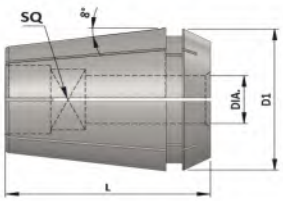





**METRIC**

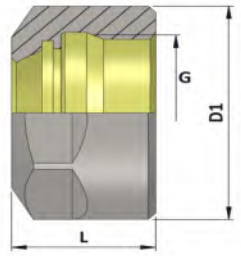
| Tap Collet ER 16 G | | | | | |
|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | Dia | Square | D1 | L |
| K10255479449127 | TAP COLLET ER 16G 3.5 X 2.7 | 3.50 | 2.70 | 17 | 27.5 |
| K10255479450127 | TAP COLLET ER 16G 4.0 X 3.0 | 4.00 | 3.00 | 17 | 27.5 |
| K10255479565127 | TAP COLLET ER 16G 4.0 X 3.15 | 4.00 | 3.15 | 17 | 27.5 |
| K10255479451127 | TAP COLLET ER 16G 4.5 X 3.4 | 4.50 | 3.40 | 17 | 27.5 |
| K10255479452127 | TAP COLLET ER 16G 5.0 X 4.0 | 5.00 | 4.00 | 17 | 27.5 |
| K10255479557127 | TAP COLLET ER 16G 5.5 X 4.3 | 5.50 | 4.30 | 17 | 27.5 |
| K10255479453127 | TAP COLLET ER 16G 6.0 X 4.9 | 6.00 | 4.90 | 17 | 27.5 |
| K10255479454127 | TAP COLLET ER 16G 6.3 X 5.0 | 6.30 | 5.00 | 17 | 27.5 |
| K10255479455127 | TAP COLLET ER 16G 7.0 X 5.5 | 7.00 | 5.50 | 17 | 27.5 |
| K10255479570127 | TAP COLLET ER 16G 7.1 X 5.6 | 7.10 | 5.60 | 17 | 27.5 |
| K10255479456127 | TAP COLLET ER 16G 8.0 X 6.2 | 8.00 | 6.20 | 17 | 27.5 |
| K10255479456225 | TAP COLLET ER 16G 8.0 X 6.3 | 8.00 | 6.30 | 17 | 27.5 |
| K10255479457127 | TAP COLLET ER 16G 9.0 X 7.0 | 9.00 | 7.00 | 17 | 27.5 |
| K10255479474127 | TAP COLLET ER 16G 9.0 X 7.1 | 9.00 | 7.10 | 17 | 27.5 |
| K10255479458127 | TAP COLLET ER 16G 10.0 X 8.0 | 10.00 | 8.00 | 17 | 27.5 |






**METRIC**

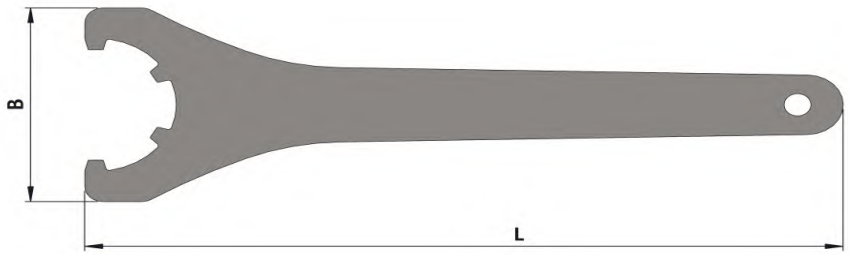
| Tap Collet ER 20 G | | | | | |
|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | Dia | Square | D1 | L |
| K10255480449127 | TAP COLLET ER 20G 3.5 X 2.7 | 3.50 | 2.70 | 21 | 31.5 |
| K10255480450127 | TAP COLLET ER 20G 4.0 X 3.0 | 4.00 | 3.00 | 21 | 31.5 |
| K10255480565127 | TAP COLLET ER 20G 4.0 X 3.15 | 4.00 | 3.15 | 21 | 31.5 |
| K10255480451127 | TAP COLLET ER 20G 4.5 X 3.4 | 4.50 | 3.40 | 21 | 31.5 |
| K10255480452127 | TAP COLLET ER 20G 5.0 X 4.0 | 5.00 | 4.00 | 21 | 31.5 |
| K10255480557127 | TAP COLLET ER 20G 5.5 X 4.3 | 5.50 | 4.30 | 21 | 31.5 |
| K10255480453127 | TAP COLLET ER 20G 6.0 X 4.9 | 6.00 | 4.90 | 21 | 31.5 |
| K10255480454127 | TAP COLLET ER 20G 6.3 X 5.0 | 6.30 | 5.00 | 21 | 31.5 |
| K10255480455127 | TAP COLLET ER 20G 7.0 X 5.5 | 7.00 | 5.50 | 21 | 31.5 |
| K10255480570127 | TAP COLLET ER 20G 7.1 X 5.6 | 7.10 | 5.60 | 21 | 31.5 |
| K10255480456127 | TAP COLLET ER 20G 8.0 X 6.2 | 8.00 | 6.20 | 21 | 31.5 |
| K10255480456225 | TAP COLLET ER 20G 8.0 X 6.3 | 8.00 | 6.30 | 21 | 31.5 |
| K10255480457127 | TAP COLLET ER 20G 9.0 X 7.0 | 9.00 | 7.00 | 21 | 31.5 |
| K10255480474127 | TAP COLLET ER 20G 9.0 X 7.1 | 9.00 | 7.10 | 21 | 31.5 |
| K10255480458127 | TAP COLLET ER 20G 10.0 X 8.0 | 10.00 | 8.00 | 21 | 31.5 |
| K10255480469127 | TAP COLLET ER 20G 11.0 X 9.0 | 11.00 | 9.00 | 21 | 31.5 |
| K10255480459127 | TAP COLLET ER 20G 11.2 X 9.0 | 11.20 | 9.00 | 21 | 31.5 |
| K10255480460127 | TAP COLLET ER 20G 12.0 X 9.0 | 12.00 | 9.00 | 21 | 31.5 |




**METRIC**

| Hex. Nut ER | | | | |
|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | D1 | G | L | Suitable Spanner |
| K10183273271139 | UM ER 11 HEX | 19 | M14 x 0.75 | 11.3 | GS 17 |
| K10183273272139 | UM ER 16 HEX | 28 | M22 x 1.50 | 17.5 | GS 25 |
| K10183150541127 | UM ER 20 HEX | 34 | M25 x 1.50 | 19 | GS 30 |

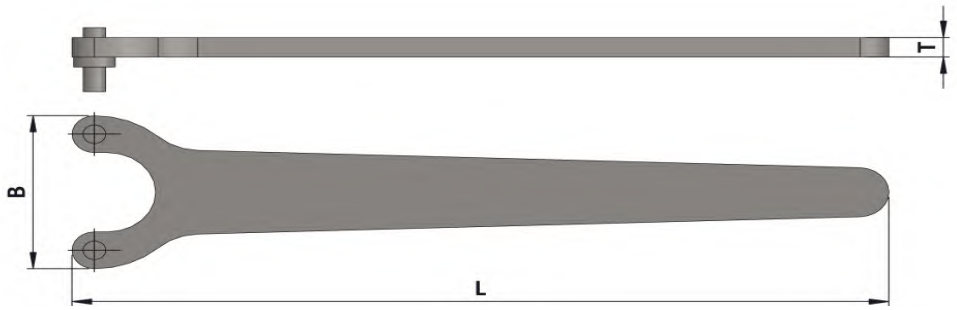
Spanner Type (E)




**METRIC**

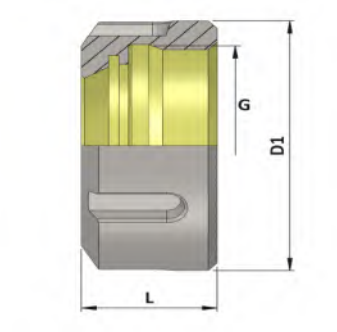
| Spanner Type (E) | | | | |
|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | B | L | Suitable Nut |
| K101843553011127 | SPANNER E16 | 50 | 160 | UM/ER16 |
| K101843563011127 | SPANNER E20 | 55 | 180 | UM/ER20 |
| K101843573011127 | SPANNER E25 | 65 | 210 | UM/ER25 |
| K101843583011127 | SPANNER E32 | 75 | 250 | UM/ER32 |
| K101843593011127 | SPANNER E40 | 90 | 290 | UM/ER40 |
| K101843603011127 | SPANNER E50 | 110 | 350 | UM/ER50 |

Spanner Type (ER A)



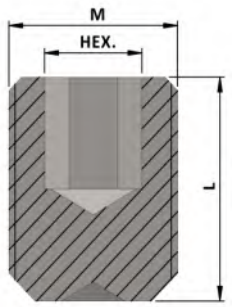

**METRIC**

| Spanner Type (ER A) | | | | | |
|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | T | B | L | Suitable Nut |
| K 1 0 1 8 4 4 8 7 3 0 1 1 2 7 | SPANNER E25A | 4 | 31 | 130 | UM/ER25A |
| K 1 0 1 8 4 4 8 8 3 0 1 1 2 7 | SPANNER E32A | 5 | 42 | 150 | UM/ER32A |




**METRIC**

| UM ER Slotted Nut | | | | | |
|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | D1 | G | L | Suitable Spanner |
| K1018327327213 4 | UM ER 16 SLOTTED | 32 | M22 x 1.5 | 17.50 | E16 |
| K1018327327313 4 | UM ER 20 SLOTTED | 35 | M25 x 1.5 | 19.00 | E20 |
| K1018327327413 4 | UM ER 25 SLOTTED | 42 | M32 x 1.5 | 20.00 | E25 |
| K1018327327513 4 | UM ER 32 SLOTTED | 50 | M40 x 1.5 | 22.50 | E32 |
| K1018327327613 4 | UM ER 40 SLOTTED | 63 | M50 x 1.5 | 25.50 | E40 |
| K1018327327713 4 | UM ER 50 SLOTTED | 78 | M64 x 2 | 35.00 | E50 |



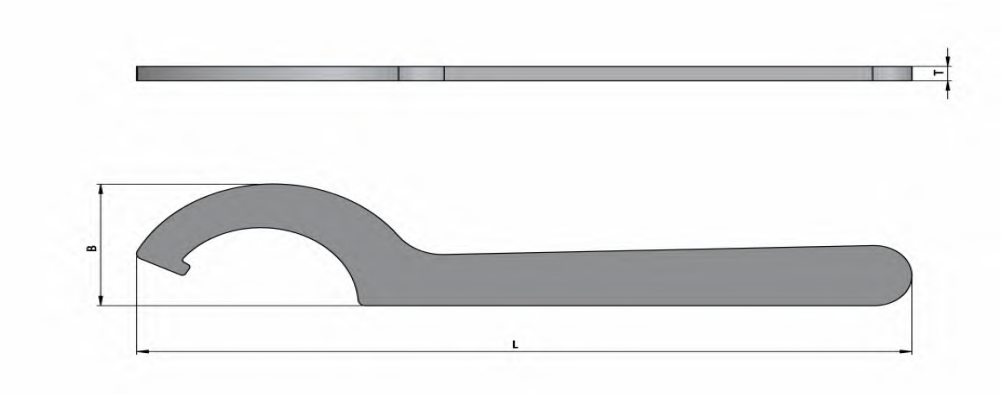

**METRIC**

| SLA Locking Screw | | | | | |
|---|---|---|---|---|---|
| **PRODUCT CODE** | **ITEM NAME** | **M** | **L** | **Hex.** | **Suitable Holder** |
| K103466646232 29 | GRUB SCREW M10 | 10 x 1.5 | 10 | 5 mm | SLA20 TO SLA40 |
| K102013833011 27 | LOCKING SCREW WN M14 | 14 x 2 | 16 | 6 mm | SLA16 |

**INCH**

| SLA Locking Screw | | | | | |
|---|---|---|---|---|---|
| **PRODUCT CODE** | **ITEM NAME** | **M** | **L** | **Hex.** | **Suitable Holder** |
| K101896646232 29 | GRUB SCREW 6 x 1/4'' - 32 UNC | 06 - 32UNC | 1/4" | 1/16" | SLA1/8" |
| K101896666232 29 | GRUB SCREW 8 x 1/4'' - 32 UNC | 08 - 32UNC | 1/4" | 5/64" | SLA3/16" |
| K103476666232 29 | GRUBSCREW1/4"x1/4''-28UNF | 1/4" - 28UNF | 1/4" | 1/8" | SLA1/4" |
| K103471986232 29 | GRUBSCREW5/16"x1/4''-24UNF | 5/16" - 24UNF | 1/4" | 5/32" | SLA5/16" |
| K103451986202 29 | GRUBSCREW3/8"x5/16''-24UNF | 3/8" - 24UNF | 5/16" | 3/16" | SLA3/8" |
| K103461986202 29 | GRUBSCREW3/8"x3/8''-24UNF | 3/8" - 24UNF | 3/8" | 3/16" | SLA7/16" |
| K101891986202 29 | GRUBSCREW7/16"x3/8''-20UNF | 7/16" - 20UNF | 3/8" | 7/32" | SLA1/2" |
| K102061986202 29 | GRUBSCREW1/2"x7/16''-20UNF | 1/2" - 20UNF | 7/16" | 1/4" | SLA5/8" |
| K102071986202 29 | GRUBSCREW5/8"x1/2''-18UNF | 5/8" - 18UNF | 1/2" | 5/16" | SLA 7/8"/SLA3/4" |
| K101331994752 24 | GRUBSCREW3/4''x1/2''-16UNF | 3/4" - 16UNF | 1/2" | 3/8" | SLA1",SLA1 1/4",SLA 1 1/2" |

Spanner for (NCDC)

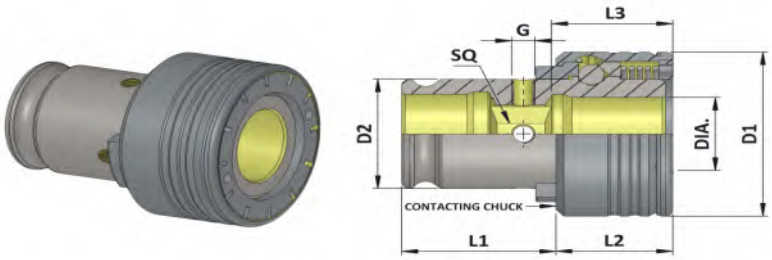



**METRIC**

**Spanner for NCDC**

| PRODUCT CODE | ITEM NAME | T | B | L | Suitable Chuck |
|---|---|---|---|---|---|
| K 1 0 1 8 4 1 6 7 3 0 1 1 2 7 | SPANNER for NCDC | 5 | 48 | 176 | NCDC 1-13 |

KWESK1B Tap Adaptor

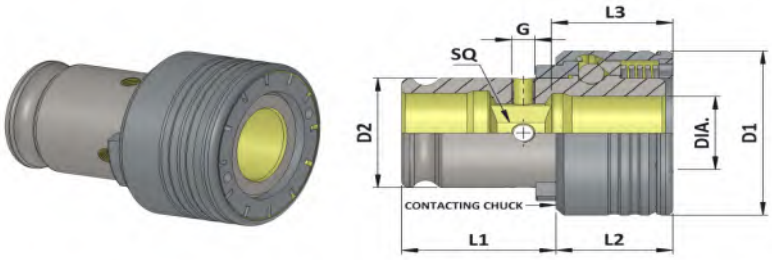



**METRIC**

**KWESK1B Tap Adaptor**

| PRODUCT CODE | ITEM NAME | Dia | Square |
|---|---|---|---|
| K 1 1 2 3 2 1 5 1 2 0 6 | KWESK1B DIA 12.00 SQ 9.00 3/8'' G(BSP) | 12.00 | 9.00 |
| K 1 1 2 3 2 1 5 1 1 1 5 | KWESK1B DIA 12.00 SQ 9.00 M16 (FINE PITCH) | 12.00 | 9.00 |

KWESK2B Tap Adaptor

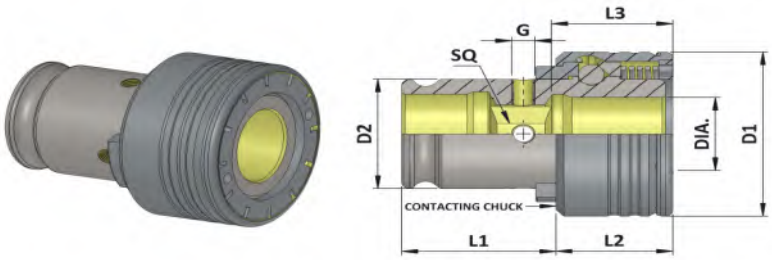



**METRIC**

**KWESK2B Tap Adaptor**

| PRODUCT CODE | ITEM NAME | Dia | Square |
|---|---|---|---|
| K 1 1 1 3 4 1 7 6 1 4 6 | KWESK2B DIA 19.00 SQ 15.00 M25 (FINE PITCH) | 19.00 | 15.00 |
| K 1 1 1 3 4 1 7 7 1 9 5 | KWESK2B DIA 20.00 SQ 15.00 M26 (FINE PITCH) | 20.00 | 15.00 |
| K 1 1 1 3 4 1 7 7 1 2 0 | KWESK2B DIA 20.00 SQ 15.00 M27 (FINE PITCH) | 20.00 | 15.00 |
| K 1 1 2 3 1 1 3 4 2 0 9 | KWESK2B DIA 20.00 SQ 16.00 3/4'' G(BSP) | 20.00 | 16.00 |
| K 1 1 1 3 4 1 3 4 1 2 0 | KWESK2B DIA 20.00 SQ 16.00 M27 (FINE PITCH) | 20.00 | 16.00 |
| K 1 1 1 3 4 1 3 4 1 2 1 | KWESK2B DIA 20.00 SQ 16.00 M30 (FINE PITCH) | 20.00 | 16.00 |
| K 1 1 2 3 1 1 5 5 1 2 3 | KWESK2B DIA 22.00 SQ 18.00 M30 (FINE PITCH) | 22.00 | 18.00 |

KWESK3B Tap Adaptor

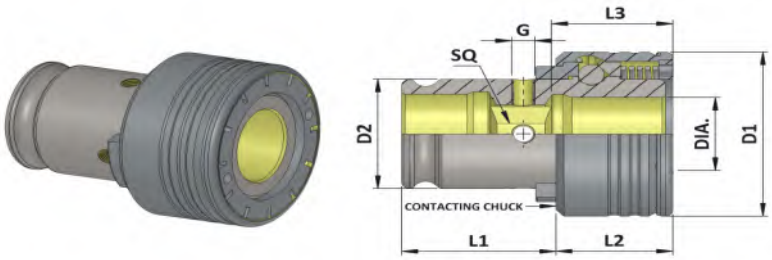



**METRIC**

**KWESK3B Tap Adaptor**

| PRODUCT CODE | ITEM NAME | Dia | Square |
|---|---|---|---|
| K 1 1 1 3 5 1 3 8 1 2 5 | KWESK3B DIA 31.50 SQ 25.00 M36 | 31.50 | 25.00 |
| K 1 1 1 3 5 1 3 8 1 2 8 | KWESK3BDIA31.50SQ25.00M44(FINEPITCH) | 31.50 | 25.00 |
| K 1 1 1 3 5 1 3 8 1 4 0 | KWESK3BDIA31.50SQ25.00M48(FINEPITCH) | 31.50 | 25.00 |
| K 1 1 1 3 5 1 5 7 2 1 4 | KWESK3B DIA 32.00 SQ 24.00 1-1/4'' G(BSP) | 32.00 | 24.00 |
| K 1 1 1 3 5 1 5 7 1 3 8 | KWESK3B DIA 32.00 SQ 24.00 M39 | 32.00 | 24.00 |
| K 1 1 2 4 0 1 5 7 1 2 9 | KWESK3B DIA 32.00 SQ 24.00 M42 | 32.00 | 24.00 |
| K 1 1 2 4 0 1 5 7 1 2 9 | KWESK3BDIA32.00SQ26.00M42(FINEPITCH) | 32.00 | 26.00 |
| K 1 1 1 3 5 1 8 5 1 3 9 | KWESK3BDIA35.00SQ26.00M45(FINEPITCH) | 35.00 | 26.00 |
| K 1 1 1 3 5 1 5 8 2 1 6 | KWESK3B DIA 36.00 SQ 29.00 1-1/2'' G(BSP) | 36.00 | 29.00 |
| K 1 1 1 3 5 1 5 8 2 1 7 | KWESK3B DIA 36.00 SQ 29.00 1-3/4'' G(BSP) | 36.00 | 29.00 |
| K 1 1 1 3 5 1 5 8 2 1 5 | KWESK3B DIA 36.00 SQ 29.00 1-3/8'' G(BSP) | 36.00 | 29.00 |
| K 1 1 1 3 5 1 5 8 2 1 8 | KWESK3B DIA 36.00 SQ 29.00 2'' G(BSP) | 36.00 | 29.00 |
| K 1 1 1 3 5 1 5 8 1 3 9 | KWESK3BDIA36.00SQ29.00M45(FINEPITCH) | 36.00 | 29.00 |
| K 1 1 1 3 5 1 5 8 1 4 0 | KWESK3BDIA36.00SQ29.00M48(FINEPITCH) | 36.00 | 29.00 |
| K 1 1 1 3 5 1 8 8 1 4 0 | KWESK3BDIA38.00SQ29.00M48(FINEPITCH) | 38.00 | 29.00 |

KWESK4B Tap Adaptor

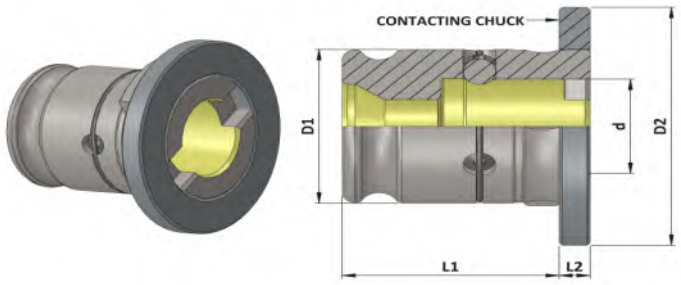



**METRIC**

**KWESK4B Tap Adaptor**

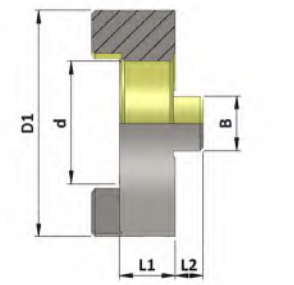
| PRODUCT CODE | ITEM NAME | Dia | Square |
|---|---|---|---|
| K 1 1 1 3 6 2 2 0 2 0 0 | KWESK4B DIA 40.00 SQ 31.50 2-1/2'' UNC | 40.00 | 31.50 |
| K 1 1 1 3 6 2 2 0 1 9 9 | KWESK4B DIA 40.00 SQ 31.50 2-1/4'' UNC | 40.00 | 31.50 |
| K 1 1 1 3 6 2 2 0 1 3 4 | KWESK4BDIA40.00SQ31.50M60(FINEPITCH) | 40.00 | 31.50 |
| K 1 1 1 3 6 1 6 0 2 2 0 | KWESK4B DIA 40.00 SQ 32.00 1-7/8'' UNC | 40.00 | 32.00 |
| K 1 1 1 3 6 1 6 0 1 9 8 | KWESk4B DIA 40.00 SQ 32.00 2'' UNC | 40.00 | 32.00 |
| K 1 1 1 3 6 1 6 0 2 2 1 | KWESK4B DIA 40.00 SQ 32.00 2-1/4'' G(BSP) | 40.00 | 32.00 |
| K 1 1 1 3 6 1 6 0 1 3 2 | KWESK4BDIA40.00SQ32.00M52(FINEPITCH) | 40.00 | 32.00 |
| K 1 1 2 3 0 1 6 0 2 3 2 | KWESK4BDIA40.00SQ32.00M56(FINEPITCH) | 40.00 | 35.00 |
| K 1 1 1 3 6 1 6 1 2 2 2 | KWESK4B DIA 45.00 SQ 35.00 2-1/2'' G(BSP) | 40.00 | 35.00 |
| K 1 1 1 3 6 1 6 1 1 9 9 | KWESK4B DIA 45.00 SQ 35.00 2-1/4'' UNC | 40.00 | 35.00 |
| K 1 1 1 3 6 1 6 1 1 3 3 | KWESK4BDIA45.00SQ35.00M56(FINEPITCH) | 45.00 | 35.00 |
| K 1 1 1 3 6 1 6 1 1 3 4 | KWESK4BDIA45.00SQ35.00M60(FINEPITCH) | 45.00 | 35.00 |

# Quick Change Tap Adaptor Reduction Socket (KWRE)




**METRIC**

| Reduction Socket (KWRE) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | Suitable Chuck Size | Adaptor Size | d | D1 | D2 | L1 | L2 |
| K11219254193 | KWRE 1/0 | 1 | 0 | 13 | 19 | 30 | 21.5 | 4 |
| K11219249193 | KWRE 2/1 | 2 | 1 | 19 | 31 | 48 | 35 | 5 |
| K11219250193 | KWRE 3/1 | 3 | 1 | 19 | 48 | 70 | 55.5 | 6 |
| K11219251193 | KWRE 3/2 | 3 | 2 | 31 | 48 | 70 | 55.5 | 6 |
| K11219252193 | KWRE 4/2 | 4 | 2 | 31 | 60 | 92 | 63 | 13 |
| K11219253193 | KWRE 4/3 | 4 | 3 | 48 | 60 | 92 | 63 | 13 |




**METRIC**

| Driver Rings | | | | | | | |
|---|---|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | d | D1 | L1 | L2 | B | Suitable Holder |
| K10200213301127 | DRIVER RING 16 | 16 | 32 | 10 | 5 | 8 | CSMA 16 |
| K10200219301127 | DRIVER RING 22 | 22 | 40 | 12 | 5.5 | 10 | CSMA 22 |
| K10200224301127 | DRIVER RING 27 | 27 | 48 | 12 | 6 | 12 | CSMA 27 |
| K10200229301127 | DRIVER RING 32 | 32 | 58 | 14 | 7 | 14 | CSMA 32 |
| K10200378301127 | DRIVER RING 40 | 40 | 70 | 14 | 8 | 16 | CSMA 40 |

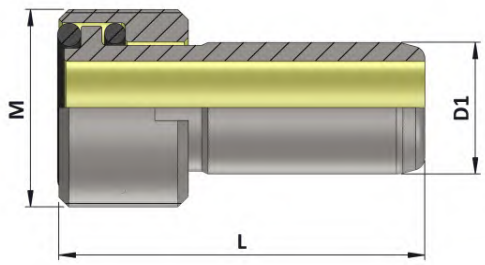



METRIC

**CSMA KEY**

| PRODUCT CODE | ITEM NAME | L | W | H |
|---|---|---|---|---|
| K10206604917127 | KEY FOR CSMA 16 | 20 | 4 | 4 |
| K10206604917563 | KEY FOR CSMA 22 | 25 | 6 | 6 |
| K10206604917248 | KEY FOR CSMA 27 | 25 | 7 | 7 |
| K10206665917248 | KEY FOR CSMA 32 | 28 | 8 | 7 |
| K10206660917248 | KEY FOR CSMA 40 | 32 | 10 | 8 |

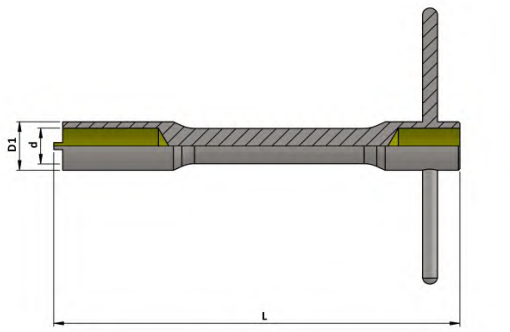
Coolant Tube for HSK-A (DIN 69893-1) Holder (As per DIN 69895)




**METRIC**

| Coolant Tube for HSK-A (DIN 69893-1) Holder (As per DIN 69895) | | | | | |
|---|---|---|---|---|---|
| PRODUCT CODE | ITEM NAME | HSK-A | D1 | M | L |
| K10166232301127 | HSK-A 50 COOLANT TUBE | 50 | 10 | M16X1 | 33 |
| K10167232301127 | HSK-A 63 COOLANT TUBE | 63 | 12 | M18X1 | 36.50 |
| K10168232301127 | HSK-A 100 COOLANT TUBE | 100 | 16 | M24X1.5 | 44 |

Spanner For HSK-A (DIN 69893-1) Coolant Tube

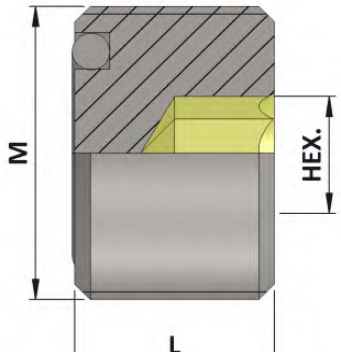



**METRIC**

**Spanner For HSK-A (DIN 69893-1) Coolant Tube**

| PRODUCT CODE | ITEM NAME | HSK-A | d | D1 | L |
|---|---|---|---|---|---|
| K10166233301127 | HSK-A 50 COOLANT TUBE SPANNER | 50 | 10.5 | 14.5 | 90 |
| K10167233301127 | HSK-A 63 COOLANT TUBE SPANNER | 63 | 12.2 | 16.5 | 136 |
| K10168233301127 | HSK-A 100 COOLANT TUBE SPANNER | 100 | 16.2 | 22 | 136 |

Sealing Plug For HSK-A




**METRIC**

**Sealing Plug For HSK-A**

| PRODUCT CODE | ITEM NAME | M | L | Hex |
|---|---|---|---|---|
| K10166234301127 | HSK-A 50 SEALING PLUG | M16X1 | 10 | 5 |
| K10167234301127 | HSK-A 63 SEALING PLUG | M18X1 | 12 | 6 |
| K10168234301127 | HSK-A 100 SEALING PLUG | M24X1.5 | 16 | 10 |

# EKARAS VALUE PYRAMID

## Complete Manufacturing Ecosystem

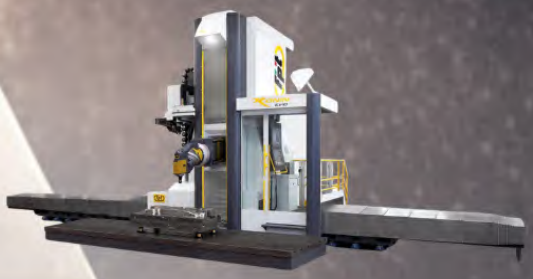
**Enterprise**

Production Systems

### LARGE FORMAT MACHINES

Turnkey production solutions engineered for high-capacity, high-precision manufacturing environments.

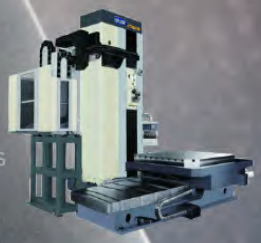




Production Power

### MEDIUM FORMAT MACHINES

The backbone of precision manufacturing across automotive, aerospace & industrial sectors



Market Entry & Volume

### HIGH VOLUME PRODUCTION

Efficient, reliable, and cost-optimized solutions for growing manufacturers.



Performance Multipliers

### PRECISION ACCESSORIES & PRODUCTIVITY SYSTEMS

• Tool Holders · Rotary Tables · Workholding Systems · Clamping & Fixturing · Steady Rest · Automation Enhancements · Productivity Add-ons