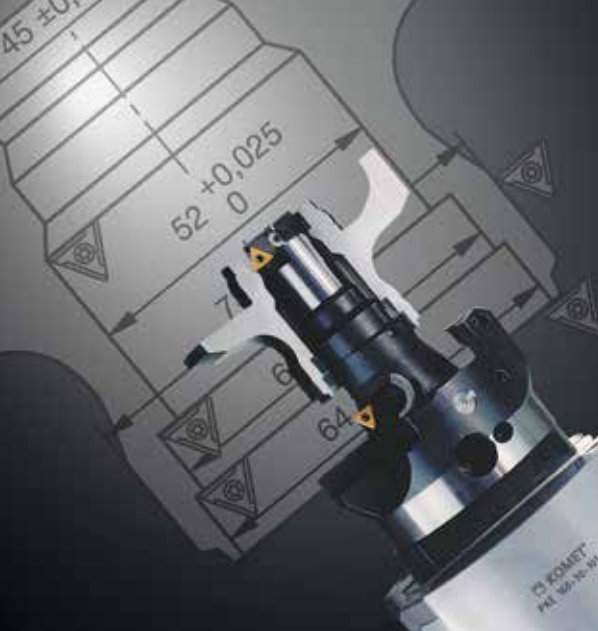


KomDrive Draw bars tools

for special purpose machines





KOMET® KomDrive U-axis system

The slides of the facing heads are actuated mechanically through precision ground serrated rack components designed with maximum engagement of the teeth.

The radial stroke is limited through fine adjustable internal stops for safety reasons. Sliding surfaces exhibit high hardness and excellent frictional characteristics through nitride treatment.

BENEFITS for you:

- Low coefficient of friction through special surface treatment of the sliding components
- Max. average backlash of 10 micrometers (0.0004 inches)
- Compact slide designs including integrated ABS® N connections for highest rigidity and metal removal
- High spindle speeds without compromising machining accuracy or service life
- Precision manufacturing processes and extensive research and development warrant the highest technological level

Machine requirements for the operation of facing heads

Besides adequately designed spindle bearings it is imperative to install a drawbar actuation system.

The actuation system operates:

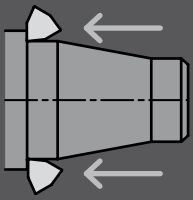
- As hydraulically actuated cylinder, preferably rotating, or
- as CNC controlled electromechanical feed system (servo system), oriented centrally to the spindle,
- and includes fixed stops installed in the actuation system to set limits for the stroke of the drawbar because
- the internal stops of the facing head have limited load capacity.

The drawbar actuation force varies with the spindle speed and the length of stroke. Confirm the selection of the drawbar actuation system with KOMET by providing the following information: Weight of front tool and its center of gravity, spindle speed and length of stroke.

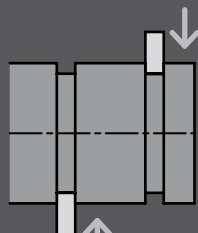
The facing heads are prepared for central lubrication. The connection to the central lubrication system is conducted through the drawbar. Modifications to this lubrication method or other information, such as lubrication cycle and pressure, are available upon request.

Manual lubrication is feasible as substitute for central lubrication without modification to the facing heads.

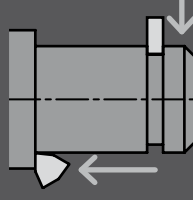
Machining examples



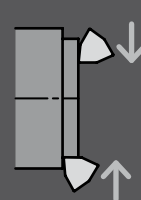
Contour machining



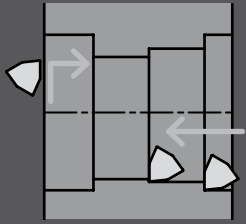
External grooving



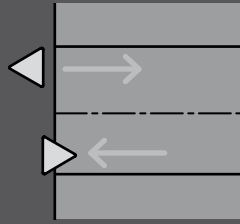
Grooving and facing



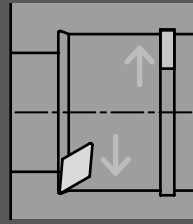
Face turning towards center



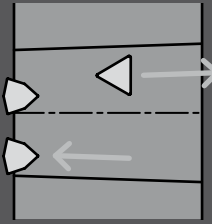
Boring and facing



Internal machining



Facing and grooving



Drilling taper and boring

PKE-101 | PKE-101-QA

6 – 7

Facing head with single slide with mounting holes in slide



PKD-101

16 – 17

Facing head with double slide with mounting holes in slide



PKE-103 | PKE-103-QA

8 – 9

Facing head with single slide with integrated ABS® N connection



PKU-101

22 – 23

Facing head with counterweighted with mounting holes in slide



PKE-104 | PKE-104-QA

10 – 11

Facing head with single slide with integrated ABS® N location spigot



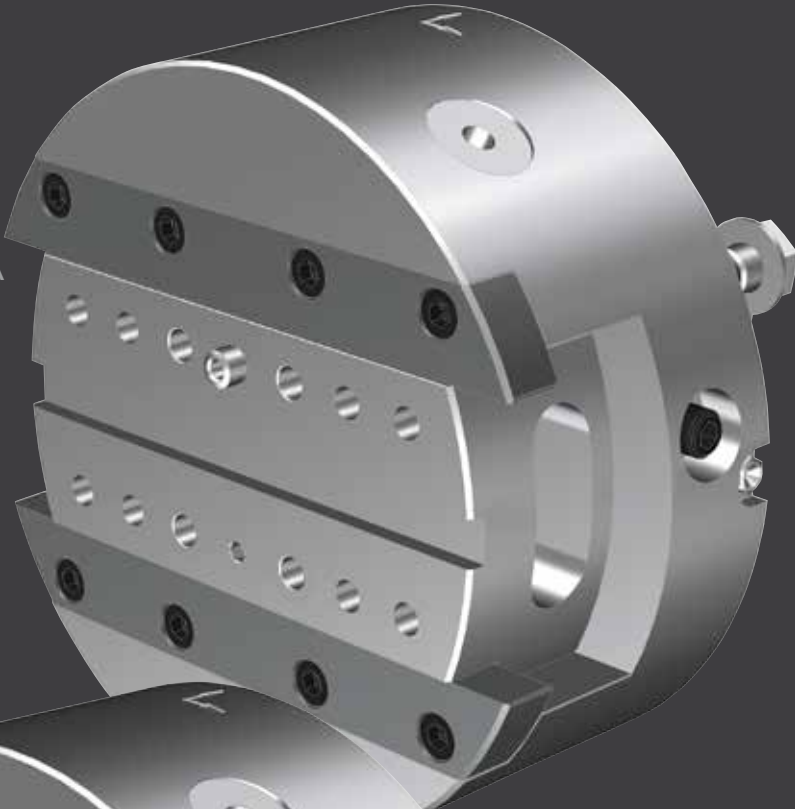
PKU-103

24 – 25

Facing head with counterweighted with integrated ABS® N connection



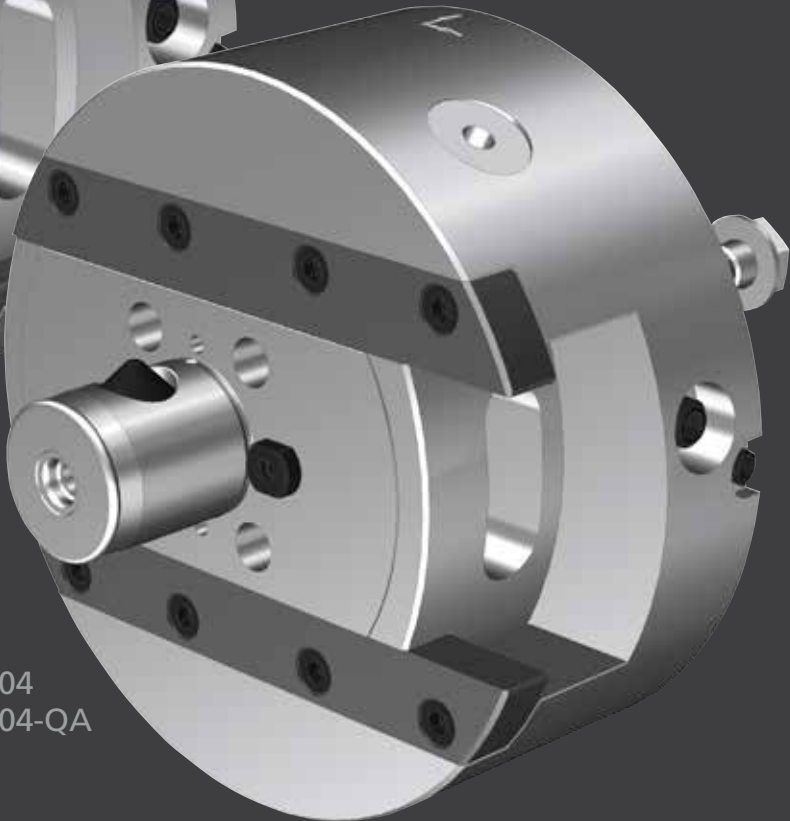
PKE-101
PKE-101-QA



PKE-103
PKE-103-QA



PKE-104
PKE-104-QA

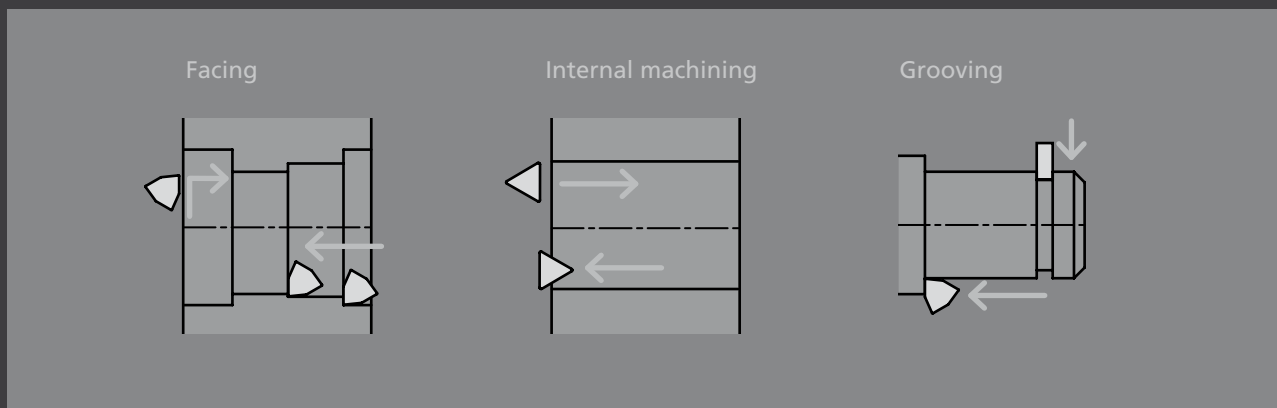


KOMET® KomDrive PKE

Facing head with single slide for low spindle speeds

The PKE-101 and PKE-104 facing heads with single slide offer large tool mounting areas, and therefore permit the most rigid tool design and heavy depth of cut in the low spindle speed range.

The PKE facing head is subject to a spindle speed limit due to the imbalance of the centrifugal masses.



KOMET® KomDrive PKE-QA

The facing head offers a large tool-clamping surface and therefore enables the tool to be fastened very firmly for difficult cutting edges. It is also used for small strokes, such as internal and external contours, recesses for retaining rings or sealing elements.

With the PKE-QA KOMET® is launching a completely new type of facing slide concept onto the market. Easy to handle and easy to service - all this at an extremely attractive price.

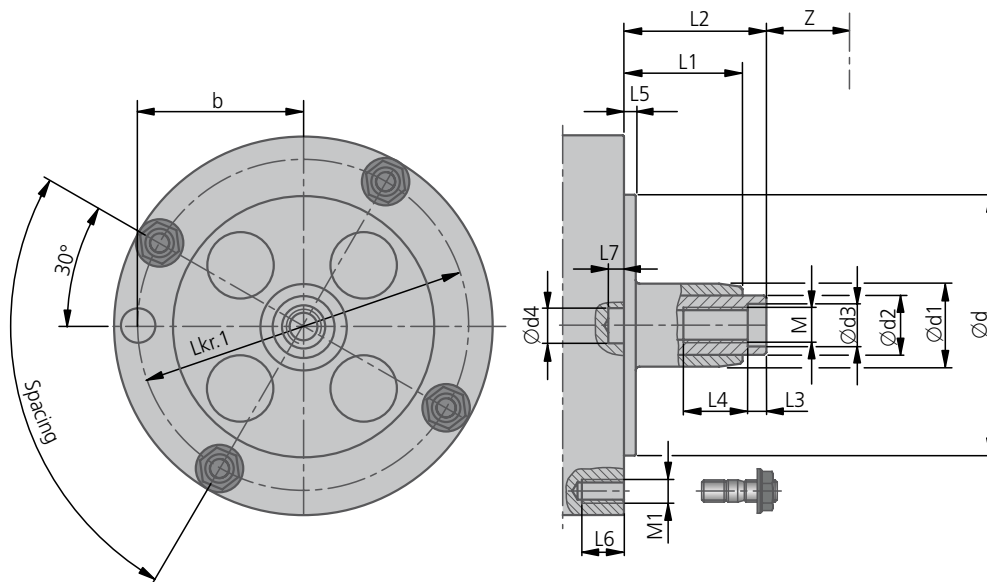
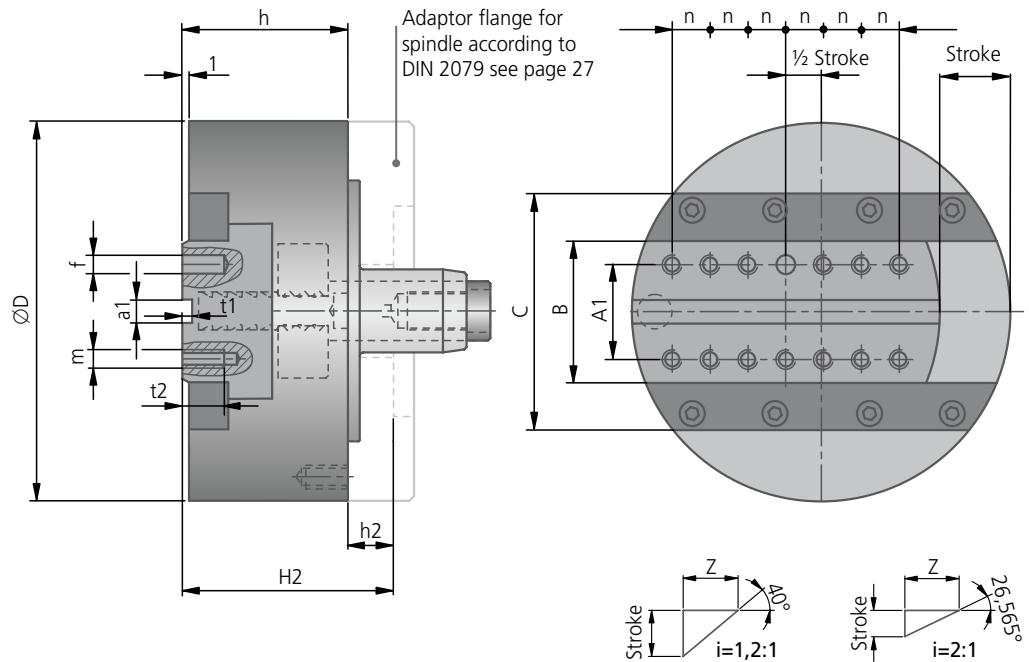
BENEFITS for you:

- Very attractive price
- Available ex stock
- Simple and cost-efficient upgrade for previous models
- Increased service life thanks to the surface-treated gear parts
- Can be used on transfer lines, special purpose machines and automatic rotary indexing machines
- Can be adapted to almost any spindle using the intermediate flange

KOMET® KomDrive PKE-101 | PKE-101-QA

Facing head with single slide with mounting holes in slide

Adaptor with
ABS® N connection
see page 12.



KOMET® KomDrive PKE-101 | PKE-101-QA

Facing head with single slide with mounting holes in slide

| | | External dimensions | | | | | | | | | | PKE-101-QA | |
|-----------------|-----------|---------------------|--------|----------------------------|------|-----|------------------|-----|-----|-------------------|---------------------|------------------------------|-----------|
| Article | Order No. | ØD _{h6} | Stroke | Tran- duc- tion i | Z | h | Ød _{h6} | Ød1 | Ød2 | Ød3 ^{H7} | Ød4 ^{+0,1} | Draw bar and tooth plates | |
| | | | | | | | | | | | | Pitch | Order No. |
| PKE 80-12-101 | P01 00010 | 80 | 12 | 1,2 : 1 | 14,3 | 42 | 50 | 25 | 16 | 12 | 10,3 | | - |
| PKE100-17-101QA | P01 10011 | 100 | 17 | 1,2 : 1 | 20,3 | 50 | 65 | 25 | 16 | 12 | 10,3 | 40° | P01 11011 |
| PKE100-10-101QA | P01 10016 | | 10 | 2 : 1 | | | | | | | | 26,565° | P01 12011 |
| PKE125-22-101QA | P01 20011 | 125 | 22 | 1,2 : 1 | 26,2 | 58 | 90 | 30 | 20 | 14 | 14,6 | 40° | P01 21011 |
| PKE125-13-101QA | P01 20016 | | 13 | 2 : 1 | | | | | | | | 26,565° | P01 22011 |
| PKE160-30-101QA | P01 30011 | 160 | 30 | 1,2 : 1 | 35,7 | 70 | 110 | 35 | 25 | 18 | 14,6 | 40° | P01 31011 |
| PKE160-18-101QA | P01 30016 | | 18 | 2 : 1 | | | | | | | | 26,565° | P01 32011 |
| PKE200-40-101QA | P01 40011 | 200 | 40 | 1,2 : 1 | 47,7 | 85 | 150 | 44 | 32 | 18 | 16,2 | 40° | P01 41011 |
| PKE200-24-101QA | P01 40016 | | 24 | 2 : 1 | | | | | | | | 26,565° | P01 42011 |
| PKE250-50-101QA | P01 50011 | 250 | 50 | 1,2 : 1 | 59,6 | 100 | 180 | 46 | 32 | 18 | 19,4 | 40° | P01 51011 |
| PKE250-30-101QA | P01 50016 | | 30 | 2 : 1 | | | | | | | | 26,565° | P01 52011 |

PKE size 320 | 400 | 500 on request.

| | | Slide dimensions | | | | | | | | | No. of bolt holes |
|--------------|-----|------------------|----|------------------|----|----|-----|-----------------|----|----|----------------------|
| for | B | C | A1 | a1 ^{H8} | t1 | t2 | m | f ^{H7} | n | | |
| PKE 80...101 | 36 | - | 22 | 8 | 3 | 10 | M6 | 6 | 12 | 8 | |
| PKE100...101 | 40 | 72 | 26 | 8 | 3 | 10 | M6 | 6 | 11 | 12 | |
| PKE125...101 | 50 | 86 | 32 | 10 | 4 | 12 | M8 | 8 | 13 | 12 | |
| PKE160...101 | 60 | 100 | 40 | 10 | 4 | 12 | M8 | 8 | 16 | 12 | |
| PKE200...101 | 80 | 130 | 55 | 12 | 4 | 15 | M10 | 10 | 20 | 12 | |
| PKE250...101 | 100 | 150 | 70 | 12 | 4 | 18 | M12 | 12 | 20 | 16 | |

| | | Mounting dimensions | | | | | | | | | | | | | DIN 2079 |
|--------------|----------|---------------------|----|------|----|----|----|----|----|-------|-----------------|-----------------|-------------------|----|-----------------|
| for | M | M1 | L1 | L2±1 | L3 | L4 | L5 | L6 | L7 | b±0,1 | Bolthole circle | | Adaptor flange | | Spindle size |
| | | | | | | | | | | | Lkr.1 | Spacing | H2 | h2 | |
| PKE 80...101 | M10×1L | M6 | 28 | 38 | 8 | 14 | 4 | 10 | 5 | 32 | 68 | 4×90° 3×120° | 60 | 18 | 30 |
| PKE100...101 | M10×1L | M8 | 30 | 40 | 8 | 14 | 4 | 12 | 5 | 42 | 84 | 4×90° 3×120° | 65 | 15 | 30 |
| PKE125...101 | M12×1,5L | M8 | 37 | 47 | 8 | 16 | 4 | 12 | 6 | 54 | 110 | 6×60° | 75 | 17 | 40 |
| PKE160...101 | M16×1,5L | M10 | 50 | 60 | 10 | 25 | 5 | 15 | 6 | 70 | 140 | 4×90° | 90 | 20 | 40 |
| PKE200...101 | M16×1,5L | M12 | 70 | 80 | 10 | 25 | 5 | 18 | 6 | 87,5 | 175 | 4×90° | 110 | 25 | 50 |
| PKE250...101 | M16×1,5L | M16 | 90 | 100 | 10 | 25 | 6 | 22 | 6 | 108 | 216 | 4×90° | 125 | 25 | 50 |

Order example:

Facing head Ø 100 mm, stroke 17 mm
type 101 QA: Article PKE100-17-101QA
Order No. P01 10011



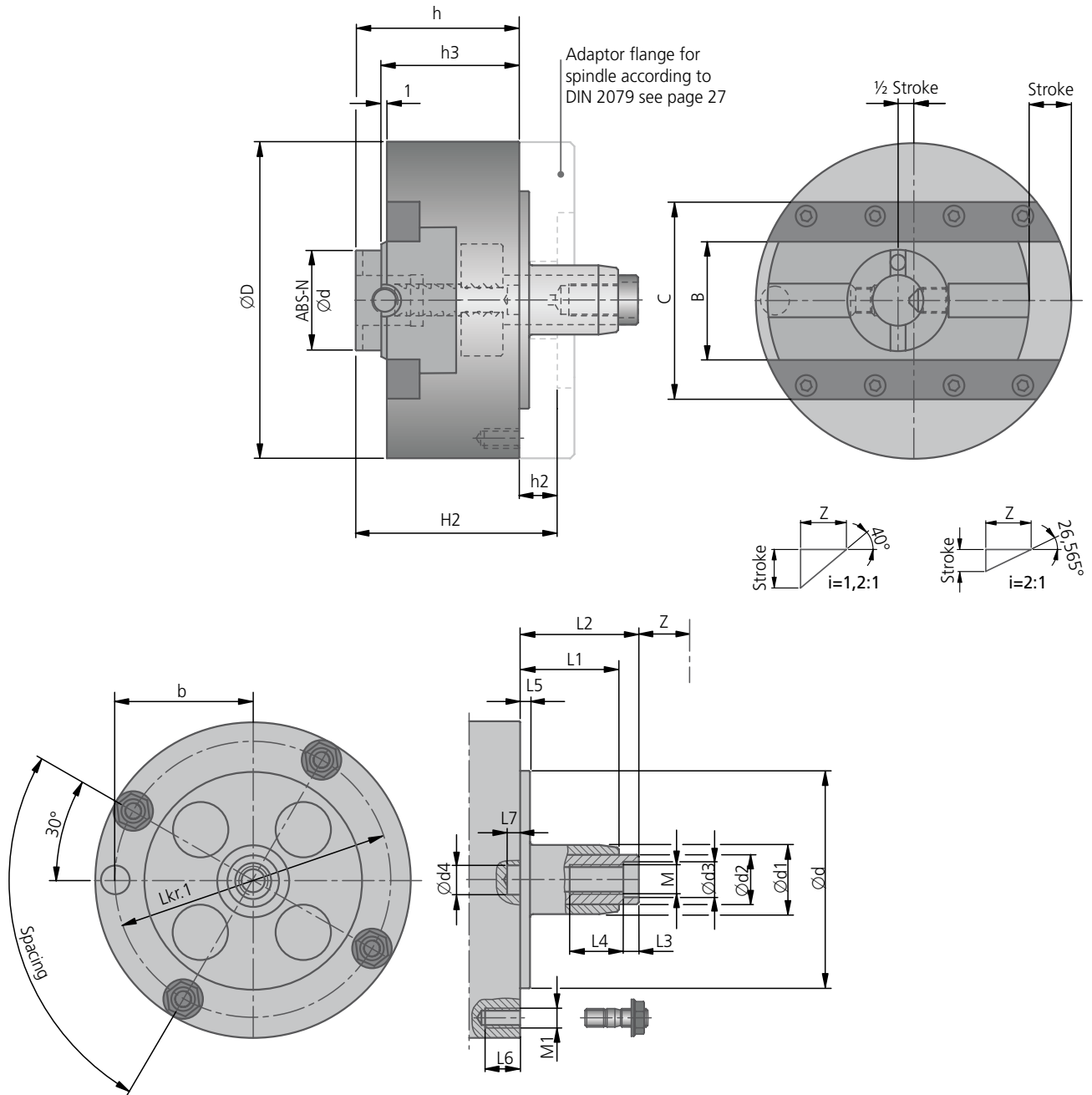
Further information see:
KOMET KomTronic®
Draw bars tools
for special purpose
machines



KOMET® KomDrive PKE-103 | PKE-103-QA

Facing head with single slide with integrated ABS® N connection

Shortest overall length at reduced stroke
on request



KOMET® KomDrive PKE-103 | PKE-103-QA

Facing head with single slide with integrated ABS® N connection

| | | External dimensions | | | | | | | | | | | PKE-103-QA | |
|-----------------|-----------|---------------------|--------|-----------------|------|-----|-----|------------------|-----|-----|-------------------|---------------------|---------------------------|-----------|
| Article | Order No. | ØD _{h6} | Stroke | Traduction i | Z | h | h3 | Ød _{h6} | Ød1 | Ød2 | Ød3 ^{H7} | Ød4 ^{+0,1} | Draw bar and tooth plates | |
| | | | | | | | | | | | | | Pitch | Order No. |
| PKE 80-6-103 | P01 00030 | 80 | 6 | 1,2 : 1 | 7,2 | 52 | 42 | 50 | 25 | 16 | 12 | 10,3 | | |
| PKE100-10-103QA | P01 10031 | 100 | 10 | 1,2 : 1 | 11,9 | 60 | 50 | 65 | 25 | 16 | 12 | 10,3 | 40° | P01 11011 |
| PKE100-6-103QA | P01 10036 | | 6 | 2 : 1 | | | | | | | | | 26,565° | P01 12011 |
| PKE125-12-103QA | P01 20031 | 125 | 12 | 1,2 : 1 | 14,3 | 68 | 58 | 90 | 30 | 20 | 14 | 14,6 | 40° | P01 21011 |
| PKE125-7-103QA | P01 20036 | | 7 | 2 : 1 | | | | | | | | | 26,565° | P01 22011 |
| PKE160-15-103QA | P01 30031 | 160 | 15 | 1,2 : 1 | 17,9 | 85 | 70 | 110 | 35 | 25 | 18 | 14,6 | 40° | P01 31011 |
| PKE160-9-103QA | P01 30036 | | 9 | 2 : 1 | | | | | | | | | 26,565° | P01 32011 |
| PKE200-20-103QA | P01 40031 | 200 | 20 | 1,2 : 1 | 23,8 | 100 | 85 | 150 | 44 | 32 | 18 | 16,2 | 40° | P01 41011 |
| PKE200-12-103QA | P01 40036 | | 12 | 2 : 1 | | | | | | | | | 26,565° | P01 42011 |
| PKE250-30-103 | P01 50030 | 250 | 30 | 2 : 1 | 35,7 | 120 | 100 | 180 | 46 | 32 | 18 | 19,4 | | |
| PKE320-35-103 | P01 60030 | 320 | 35 | 2 : 1 | 41,7 | 144 | 124 | 220 | 63 | 40 | 22 | 24,2 | | |

| Slide dimensions | | | |
|------------------|-----|-----|--------------|
| for | B | C | ABS-N Ø d |
| PKE 80...103 | 36 | – | 32 |
| PKE100...103 | 40 | 72 | 32 |
| PKE125...103 | 50 | 86 | 40 |
| PKE160...103 | 60 | 100 | 50 |
| PKE200...103 | 80 | 130 | 63 |
| PKE250...103 | 100 | 150 | 80 |
| PKE320...103 | 110 | 178 | 100 |

| Mounting dimensions | | | | | | | | | | | | | | DIN 2079 | |
|---------------------|----------|-----|-----|------|----|----|----|----|----|-------|----------------------------------|-----------------|-------------------------|----------|--------------|
| for | M | M1 | L1 | L2±1 | L3 | L4 | L5 | L6 | L7 | b±0,1 | Bolthole circle Lkr.1 Spacing | | Adaptor flange H2 h2 | | Spindle size |
| PKE 80...103 | M10×1L | M6 | 28 | 38 | 8 | 14 | 4 | 10 | 5 | 32 | 68 | 4×90° 3×120° | 70 | 18 | 30 |
| PKE100...103 | M10×1L | M8 | 30 | 40 | 8 | 14 | 4 | 12 | 5 | 42 | 84 | 4×90° 3×120° | 75 | 15 | 30 |
| PKE125...103 | M12×1,5L | M8 | 37 | 47 | 8 | 16 | 4 | 12 | 6 | 54 | 110 | 6×60° | 85 | 17 | 40 |
| PKE160...103 | M16×1,5L | M10 | 50 | 60 | 10 | 25 | 5 | 15 | 6 | 70 | 140 | 4×90° | 105 | 20 | 40 |
| PKE200...103 | M16×1,5L | M12 | 70 | 80 | 10 | 25 | 5 | 18 | 6 | 87,5 | 175 | 4×90° | 125 | 25 | 50 |
| PKE250...103 | M16×1,5L | M16 | 90 | 100 | 10 | 25 | 6 | 22 | 6 | 108 | 216 | 4×90° | 145 | 25 | 50 |
| PKE320...103 | M20×1,5L | M16 | 106 | 116 | 10 | 30 | 6 | 22 | 8 | 137,5 | 275 | 6×60° | 170 | 26 | 60 |

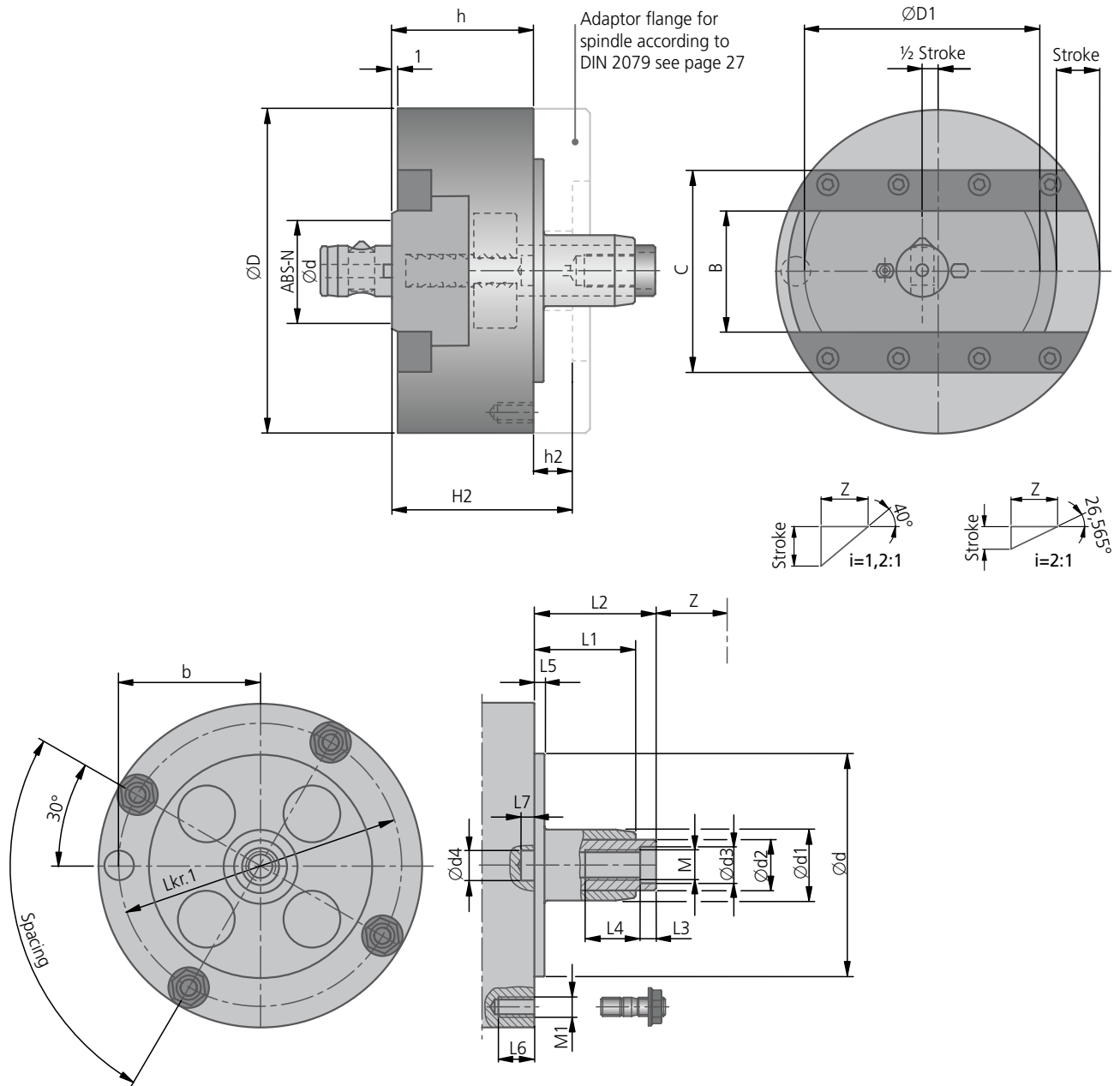
Order example:

Facing head Ø 250 mm, stroke 30 mm, type 103: Article PKE250-30-103, Order No. P01 50030

KOMET® KomDrive PKE-104 | PKE-104-QA

Facing head with single slide with integrated ABS® N location spigot

on request



KOMET® KomDrive PKE-104 | PKE-104-QA

Facing head with single slide with integrated ABS® N location spigot

| | | External dimensions | | | | | | | | | | PKE-104-QA | |
|-----------------|-----------|---------------------|--------|-----------------|------|-----|------------------|-----|-----|-------------------|---------------------|---------------------------|-----------|
| Article | Order No. | ØD _{h6} | Stroke | Traduction i | Z | h | Ød _{h6} | Ød1 | Ød2 | Ød3 ^{H7} | Ød4 ^{+0,1} | Draw bar and tooth plates | |
| | | | | | | | | | | | | Pitch | Order No. |
| PKE 80-12-104 | P01 00040 | 80 | 12 | 1,2 : 1 | 14,3 | 42 | 50 | 25 | 16 | 12 | 10,3 | | |
| PKE100-15-104QA | P01 10041 | 100 | 15 | 1,2 : 1 | 17,9 | 50 | 65 | 25 | 16 | 12 | 10,3 | 40° | P01 11011 |
| PKE100-9-104QA | P01 10046 | | 9 | 2 : 1 | | | | | | | | 26,565° | P01 12011 |
| PKE125-20-104QA | P01 20041 | 125 | 20 | 1,2 : 1 | 23,8 | 58 | 90 | 30 | 20 | 14 | 14,6 | 40° | P01 21011 |
| PKE125-12-104QA | P01 20046 | | 12 | 2 : 1 | | | | | | | | 26,565° | P01 22011 |
| PKE160-25-104QA | P01 30041 | 160 | 25 | 1,2 : 1 | 29,8 | 70 | 110 | 35 | 25 | 18 | 14,6 | 40° | P01 31011 |
| PKE160-15-104QA | P01 30046 | | 15 | 2 : 1 | | | | | | | | 26,565° | P01 32011 |
| PKE200-30-104QA | P01 40041 | 200 | 30 | 1,2 : 1 | 35,7 | 85 | 150 | 44 | 32 | 18 | 16,2 | 40° | P01 41011 |
| PKE200-18-104QA | P01 40046 | | 18 | 2 : 1 | | | | | | | | 26,565° | P01 42011 |
| PKE250-40-104 | P01 50040 | 250 | 40 | 2 : 1 | 47,7 | 100 | 180 | 46 | 32 | 18 | 19,4 | | |
| PKE320-55-104 | P01 60040 | 320 | 55 | 2 : 1 | 65,6 | 124 | 220 | 63 | 40 | 22 | 24,2 | | |

| Slide dimensions | | | | |
|------------------|-----|-----|-----|--------------|
| for | B | C | D1 | ABS-N Ø d |
| PKE 80...104 | 36 | – | 60 | 32 |
| PKE100...104 | 40 | 72 | 75 | 40 |
| PKE125...104 | 50 | 86 | 95 | 50 |
| PKE160...104 | 60 | 100 | 115 | 63 |
| PKE200...104 | 80 | 130 | 140 | 80 |
| PKE250...104 | 100 | 150 | 170 | 100 |
| PKE320...104 | 110 | 178 | 200 | 100 |

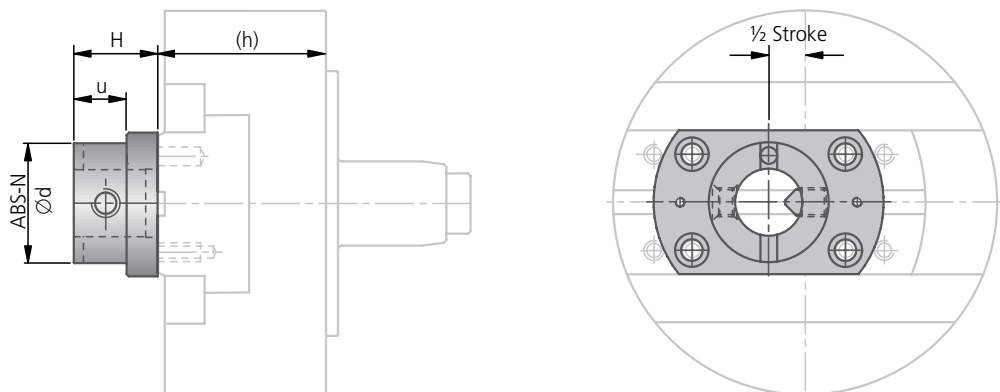
| Mounting dimensions | | | | | | | | | | | | | | DIN 2079 | |
|---------------------|----------|-----|-----|------|----|----|----|----|----|-------|----------------------------------|-----------------|-------------------------|----------|--------------|
| for | M | M1 | L1 | L2±1 | L3 | L4 | L5 | L6 | L7 | b±0,1 | Bolthole circle Lkr.1 Spacing | | Adaptor flange H2 h2 | | Spindle size |
| PKE 80...104 | M10×1L | M6 | 28 | 38 | 8 | 14 | 4 | 10 | 5 | 32 | 68 | 4×90° 3×120° | 60 | 18 | 30 |
| PKE100...104 | M10×1L | M8 | 30 | 40 | 8 | 14 | 4 | 12 | 5 | 42 | 84 | 4×90° 3×120° | 65 | 15 | 30 |
| PKE125...104 | M12×1,5L | M8 | 37 | 47 | 8 | 16 | 4 | 12 | 6 | 54 | 110 | 6×60° | 75 | 17 | 40 |
| PKE160...104 | M16×1,5L | M10 | 50 | 60 | 10 | 25 | 5 | 15 | 6 | 70 | 140 | 4×90° | 90 | 20 | 40 |
| PKE200...104 | M16×1,5L | M12 | 70 | 80 | 10 | 25 | 5 | 18 | 6 | 87,5 | 175 | 4×90° | 110 | 25 | 50 |
| PKE250...104 | M16×1,5L | M16 | 90 | 100 | 10 | 25 | 6 | 22 | 6 | 108 | 216 | 4×90° | 125 | 25 | 50 |
| PKE320...104 | M20×1,5L | M16 | 106 | 116 | 10 | 30 | 6 | 22 | 8 | 137,5 | 275 | 6×60° | 150 | 26 | 60 |

Order example:

Facing head Ø 250 mm, stroke 40 mm, type 104: Article PKE250-40-104, Order No. P01 50040

KOMET® KomDrive PKE-101

Adaptor with ABS® N connection



| ABS® N Adaptor | | | | | |
|----------------|-----------|--------------|----|----|-----|
| for | Order No. | ABS-N Ø d | H | u | (h) |
| PKE 80...101 | P80 03010 | 32 | 25 | 15 | 42 |
| PKE100...101 | P80 13010 | 32 | 25 | 15 | 50 |
| PKE125...101 | P80 24010 | 40 | 30 | 17 | 58 |
| PKE160...101 | P80 35010 | 50 | 35 | 22 | 70 |
| PKE200...101 | P80 46010 | 63 | 40 | 24 | 85 |
| PKE250...101 | P80 57010 | 80 | 45 | 25 | 100 |
| PKE320...101 | P80 68010 | 100 | 60 | 40 | 124 |

The maximum spindle speed is estimated as follows:

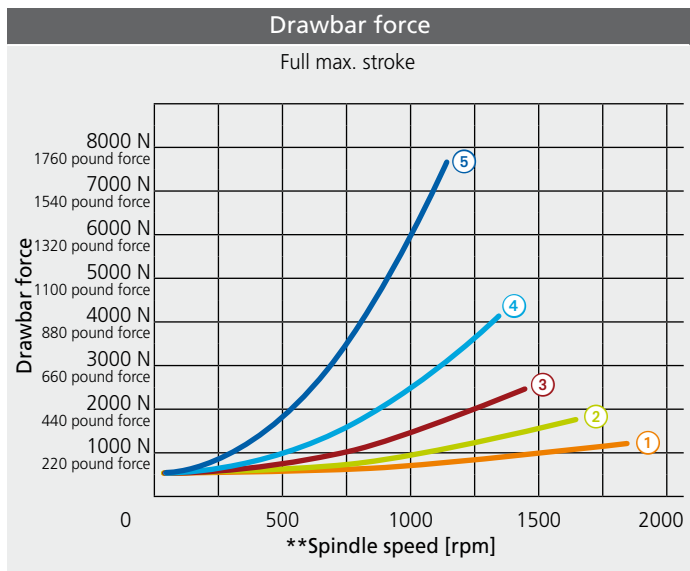
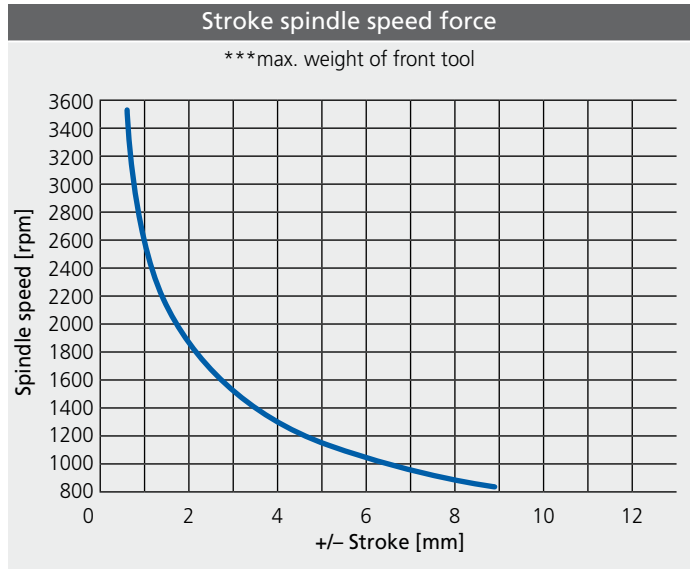
$$\text{r.p.m. max} = \frac{2500}{\sqrt{\text{stroke}^*}}$$

* stroke in mm from /to rotational axis

**** Spindle speed [rpm]**

Drawbar forces shown are valid for maximum weight of front tool.

| ***max. weight of front tool | | | |
|------------------------------|--------|---------|----------|
| ① | PKE100 | 1,2 kg | 2.6 lbs |
| ② | PKE125 | 2,0 kg | 4.4 lbs |
| ③ | PKE160 | 3,2 kg | 7.1 lbs |
| ④ | PKE200 | 5,5 kg | 12.1 lbs |
| ⑤ | PKE250 | 12,0 kg | 26.5 lbs |



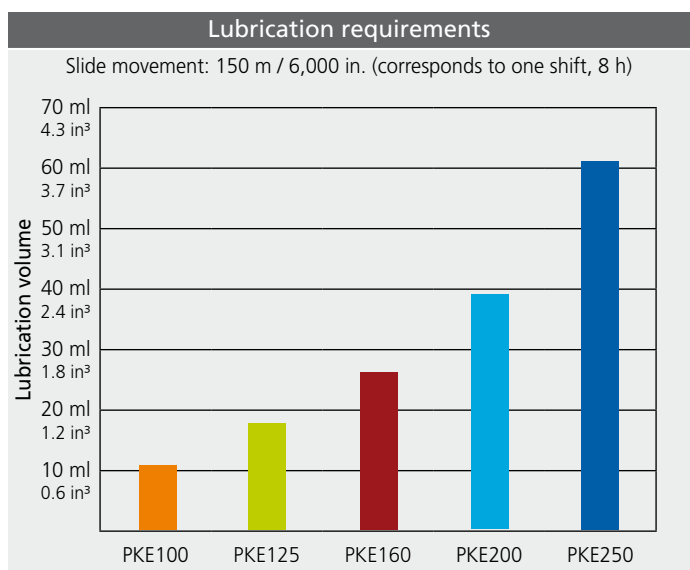
Lubrication volume required for one shift

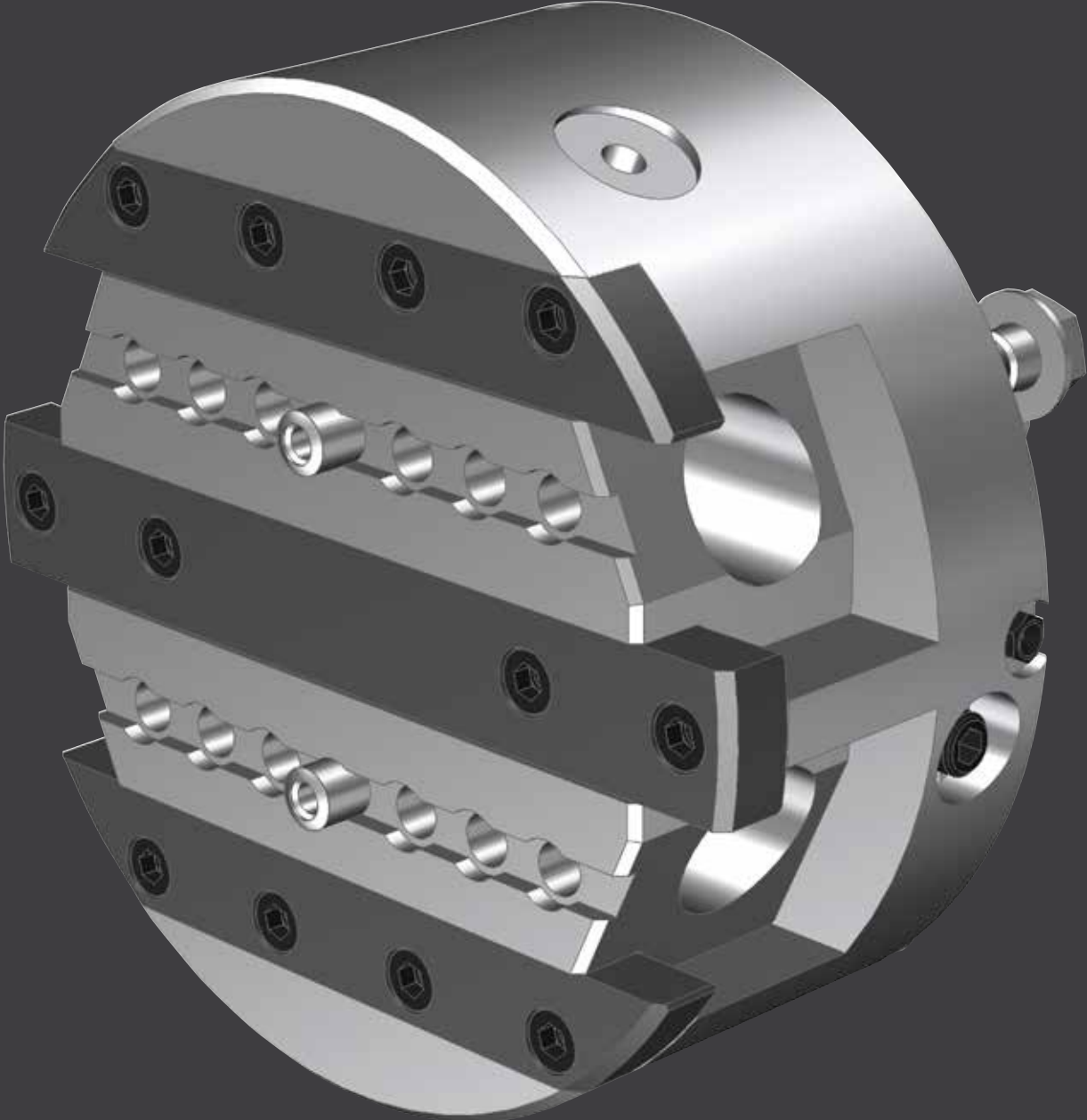
The values specified are guide values and must, where required, be adjusted to the application conditions such as rotation speed, stroke and environmental influences such as coolant, dirt, etc.

Lubricants

As a lubricant we recommend Mobilux EP004 liquid lubricant and slide-way oils to DIN 51502 with ref. No. CG-L68 and CG-L220. For spindle speeds from 700 rev/min, CG-L220 is advisable. The relevant commercial names of the mineral oil companies for slide-way oils can be ascertained from the machine lubrication instructions.

These lubrication instructions apply to all generating tools supplied by KOMET®.



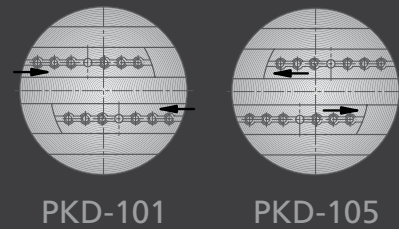


KOMET® KomDrive PKD

Facing head with double slide for medium to high spindle speeds (depending on size of facing head)

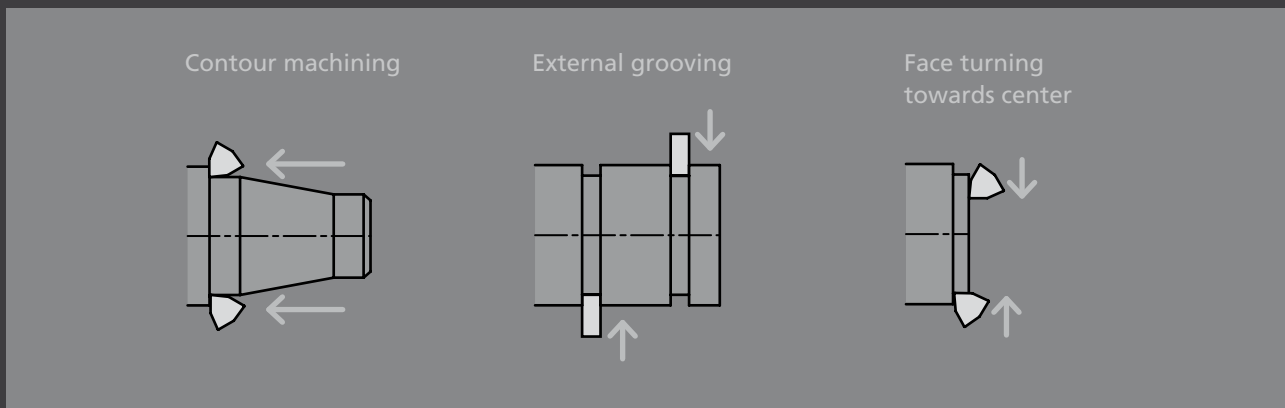
The design of this facing head distinguishes according to the direction of the stroke, between PKD-101 and PKD-105. When pulling the drawbar of PKD-101, the slides move towards the center, while with PKD-105 the slides move away from the center.

The PKD-105 is quoted upon request. For use in medium and light machining, even in the higher rotation speed range.



BENEFITS for you:

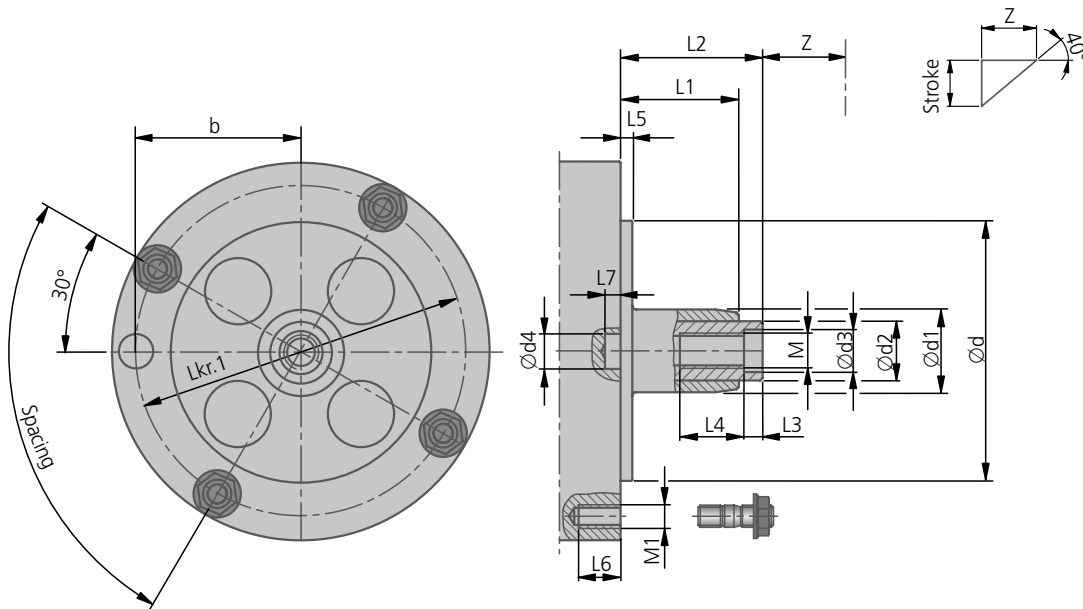
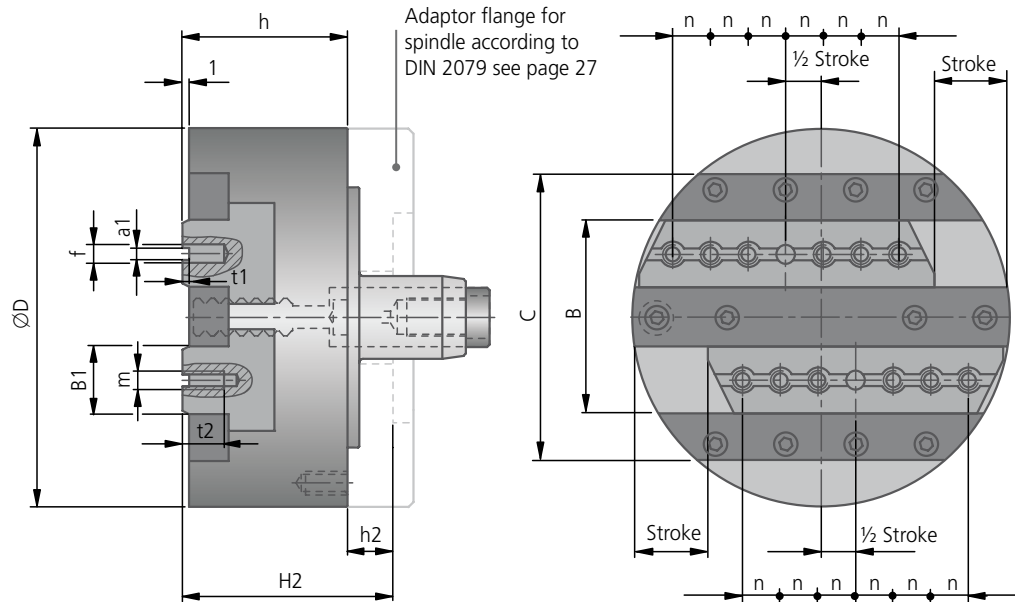
- Design-dependently balanced system
- Long service life thanks to large toothing surface



KOMET® KomDrive PKD-101

Facing head with double slide with mounting holes in slides

Adaptor with
ABS® N connection
see page 18.



Facing head with double slide with mounting holes in slides

| | | External dimensions | | | | | | | | |
|---------------|-----------|----------------------|--------|------|-----|----------------------|------------------|------------------|-----------------------|-------------------------|
| Article | Order No. | $\varnothing D_{h6}$ | Stroke | Z | h | $\varnothing d_{h6}$ | $\varnothing d1$ | $\varnothing d2$ | $\varnothing d3^{H7}$ | $\varnothing d4^{+0,1}$ |
| PKD80-12-101 | P05 00010 | 80 | 12 | 14,3 | 42 | 50 | 25 | 16 | 12 | 10,3 |
| PKD100-17-101 | P05 10010 | 100 | 17 | 20,3 | 50 | 65 | 25 | 16 | 12 | 10,3 |
| PKD125-22-101 | P05 20010 | 125 | 22 | 26,2 | 58 | 90 | 30 | 20 | 14 | 14,6 |
| PKD160-30-101 | P05 30010 | 160 | 30 | 35,7 | 70 | 110 | 35 | 25 | 18 | 14,6 |
| PKD200-40-101 | P05 40010 | 200 | 40 | 47,7 | 85 | 150 | 44 | 32 | 18 | 16,2 |
| PKD250-50-101 | P05 50010 | 250 | 50 | 59,6 | 100 | 180 | 46 | 32 | 18 | 19,4 |
| PKD320-63-101 | P05 60010 | 320 | 63 | 75,1 | 124 | 220 | 63 | 40 | 22 | 24,2 |

| Slide dimensions | | | | | | | | | | | |
|------------------|-----|----|-----|-----|-----------|----|----|-----|----------|----|-------------------|
| for | B | B1 | C | A | $a1^{H8}$ | t1 | t2 | m | f^{H7} | n | No. of bolt holes |
| PKD 80...101 | 46 | 15 | – | 30 | 6 | 3 | 10 | M6 | 6 | 12 | 4 |
| PKD100...101 | 56 | 20 | – | 36 | 8 | 3 | 15 | M8 | 8 | 10 | 6 |
| PKD125...101 | 72 | 26 | – | 46 | 8 | 3 | 15 | M8 | 8 | 12 | 6 |
| PKD160...101 | 84 | 30 | 124 | 56 | 8 | 3 | 16 | M10 | 10 | 15 | 6 |
| PKD200...101 | 102 | 36 | 148 | 64 | 8 | 3 | 16 | M10 | 10 | 20 | 6 |
| PKD250...101 | 136 | 50 | 186 | 78 | 10 | 4 | 18 | M12 | 12 | 20 | 8 |
| PKD320...101 | 166 | 60 | 226 | 106 | 12 | 4 | 25 | M16 | 16 | 25 | 8 |

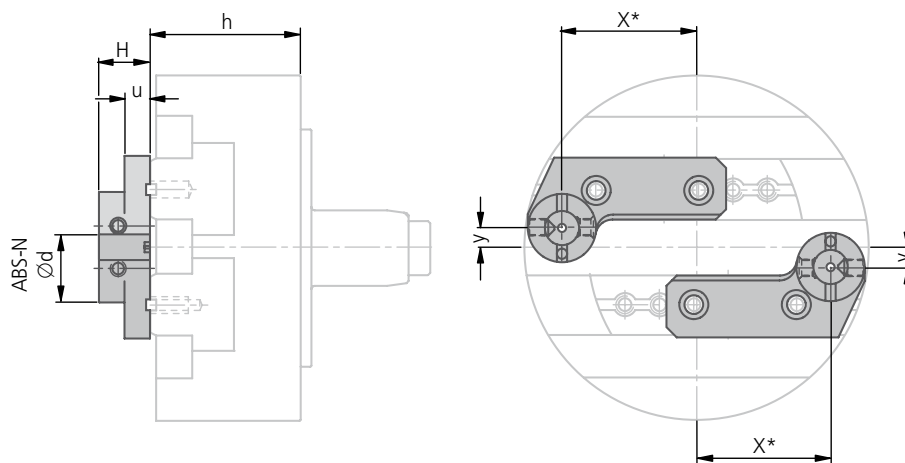
| Mounting dimensions | | | | | | | | | | | | | | DIN 2079 | |
|---------------------|----------|-----|-----|------|----|----|----|----|----|-------|-----------------|-----------------|----------------|----------|--------------|
| for | M | M1 | L1 | L2±1 | L3 | L4 | L5 | L6 | L7 | b±0,1 | Bolthole circle | | Adaptor flange | | Spindle size |
| | | | | | | | | | | | Lkr.1 | Spacing | H2 | h2 | |
| PKD 80...101 | M10×1L | M6 | 28 | 38 | 8 | 14 | 4 | 10 | 5 | 32 | 68 | 4×90° 3×120° | – | – | 30 |
| PKD100...101 | M10×1L | M8 | 30 | 40 | 8 | 14 | 4 | 12 | 5 | 42 | 84 | 4×90° 3×120° | 65 | 15 | 30 |
| PKD125...101 | M12×1,5L | M8 | 37 | 47 | 8 | 16 | 4 | 12 | 6 | 54 | 110 | 6×60° | 75 | 17 | 40 |
| PKD160...101 | M16×1,5L | M10 | 50 | 60 | 10 | 25 | 5 | 15 | 6 | 70 | 140 | 4×90° | 90 | 20 | 40 |
| PKD200...101 | M16×1,5L | M12 | 70 | 80 | 10 | 25 | 5 | 18 | 6 | 87,5 | 175 | 4×90° | 110 | 25 | 50 |
| PKD250...101 | M16×1,5L | M16 | 90 | 100 | 10 | 25 | 6 | 22 | 6 | 108 | 216 | 4×90° | 125 | 25 | 50 |
| PKD320...101 | M20×1,5L | M16 | 106 | 116 | 10 | 30 | 6 | 22 | 8 | 137,5 | 275 | 6×60° | 150 | 26 | 60 |

Order example:

Facing head \varnothing 250 mm, stroke 50 mm, type 101: Article PKD250-50-101, Order No. P05 50010

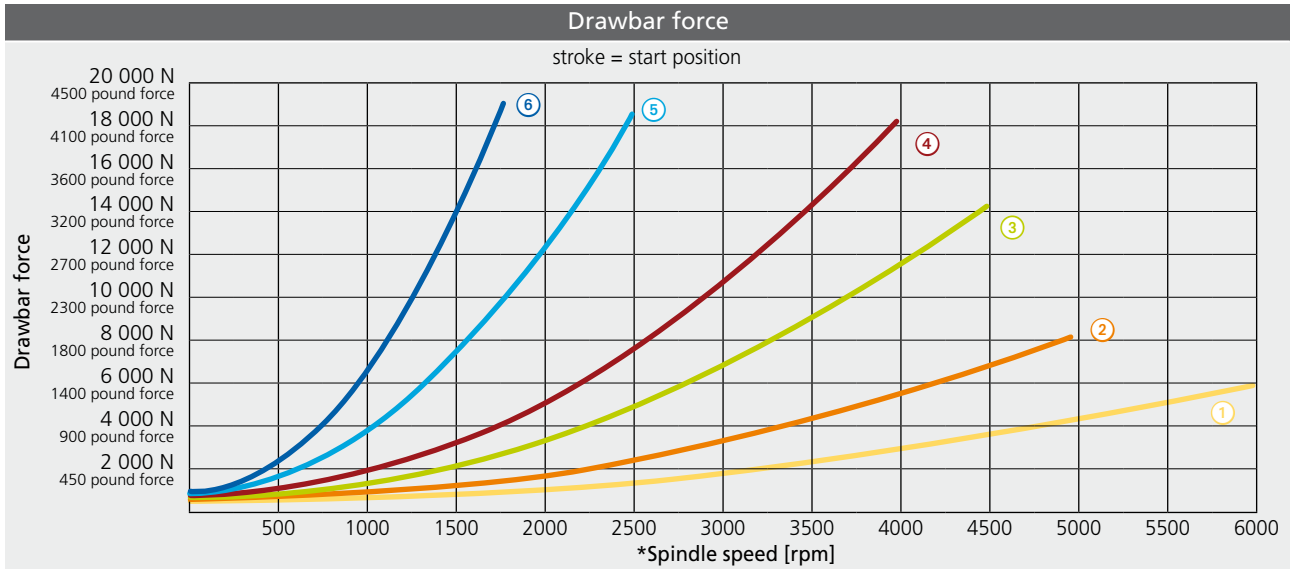
KOMET® KomDrive PKD-101

Adaptor with ABS® N connection



| ABS® N Adaptor | | | | | | | |
|----------------|-----------|--------------|----|----|-----|-----|----|
| for Ø D | Order No. | ABS-N Ø d | H | u | X* | | y |
| 80 | - | | | | | | |
| 100 | P80 12050 | 25 | 25 | 12 | 35 | - | 7 |
| 125 | P80 22050 | 25 | 25 | 12 | 47 | 35 | 7 |
| 160 | P80 33050 | 32 | 25 | 10 | 60 | 45 | 8 |
| 200 | P80 44050 | 40 | 30 | 15 | 80 | 60 | 10 |
| 250 | P80 55050 | 50 | 35 | 15 | 100 | 80 | 12 |
| 320 | P80 66050 | 63 | 40 | 15 | 125 | 100 | 14 |

* ABS® N adaptors have two key ways for radial positioning



***Spindle speed [rpm]**

Drawbar forces shown are valid for maximum weight of front tool.

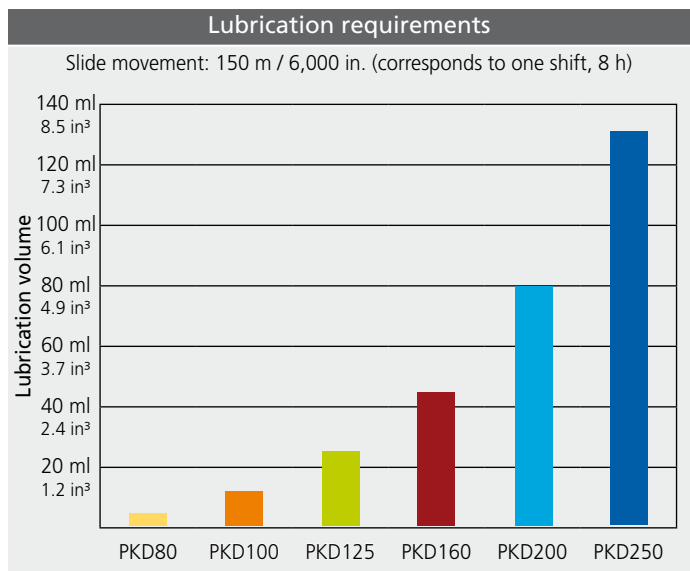
| max. weight of front tool | | | |
|---------------------------|--------|------------|------------|
| ① | PKD 80 | 2× 0,2 kg | 2× 0.4 lbs |
| ② | PKD100 | 2× 0,3 kg | 2× 0.7 lbs |
| ③ | PKD125 | 2× 0,45 kg | 2× 1.0 lbs |
| ④ | PKD160 | 2× 0,6 kg | 2× 1.3 lbs |
| ⑤ | PKD200 | 2× 0,8 kg | 2× 1.8 lbs |
| ⑥ | PKD250 | 2× 1,0 kg | 2× 2.2 lbs |

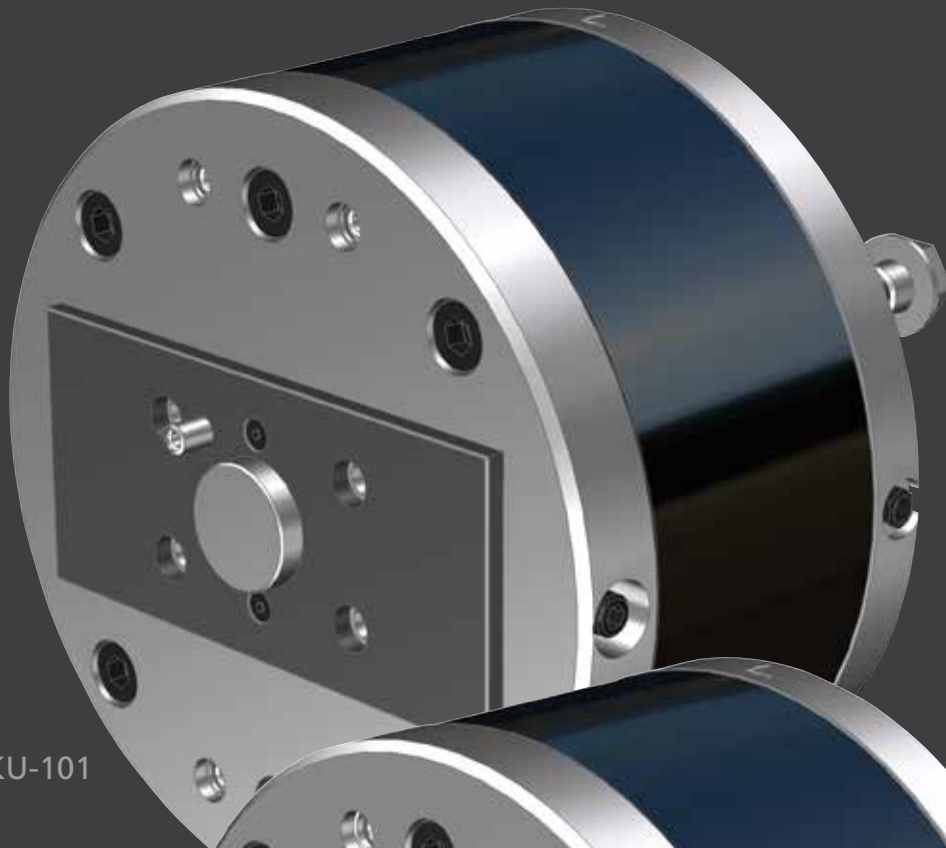
Lubrication volume required for one shift

The values specified are guide values and must, where required, be adjusted to the application conditions such as rotation speed, stroke and environmental influences such as coolant, dirt, etc.

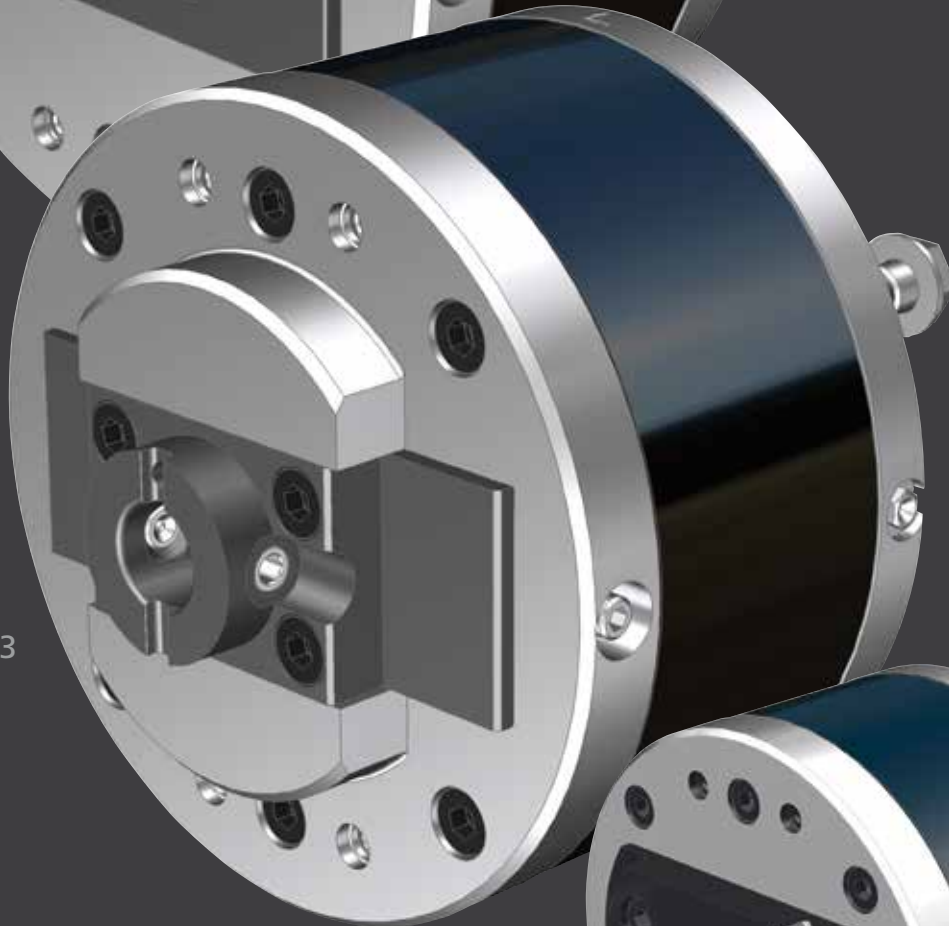
Lubricants

As a lubricant we recommend Mobilux EP004 liquid lubricant and slide-way oils to DIN 51502 with ref. No. CG-L68 and CG-L220. For spindle speeds from 700 rev/min, CG-L220 is advisable. The relevant commercial names of the mineral oil companies for slide-way oils can be ascertained from the machine lubrication instructions. These lubrication instructions apply to all generating tools supplied by KOMET®.

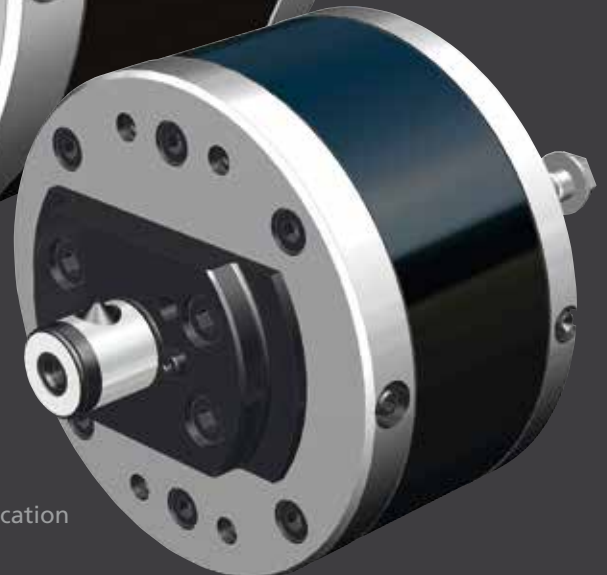




PKU-101



PKU-103



PKU-104
Facing head with
integrated ABS® location
spigot on request.

KOMET® KomDrive PKU

Counterweighted facing head for medium to high spindle speeds

(depending on size of facing head)

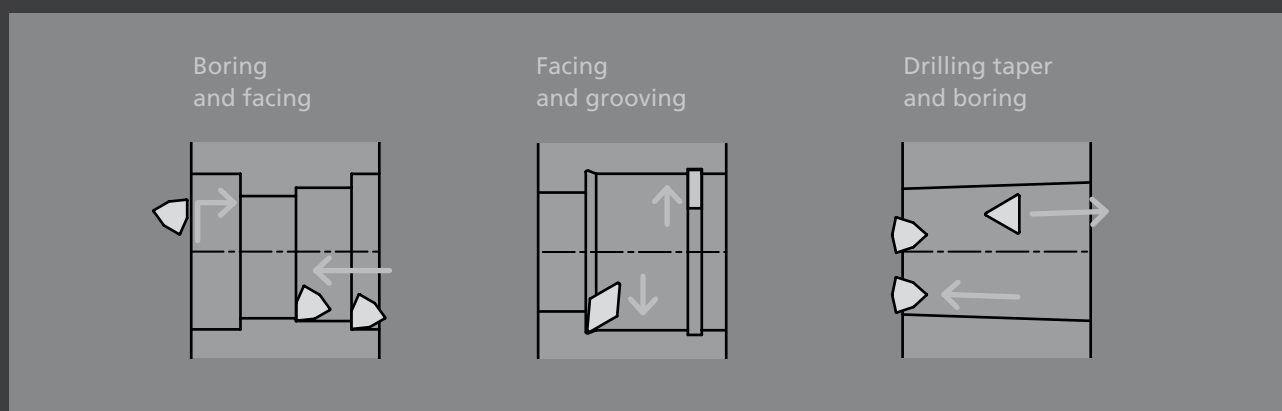
PKU balanced facing heads are suitable for the highest spindle speeds. The tool mounting areas are similar to the facing heads with a single slide, and offer optimum tooling rigidity.

The facing heads may be furnished with an additional tool guide for heavy duty machining conditions.

Please note that the weight of the front tools is limited for this series of facing heads (see page 23 and 25).

BENEFITS for you:

- Cycle time reduction through higher rotation speed ranges
- Optimally balanced system due to balancing weight adjusted to tool weight
- For higher spindle speeds
- Since shorter strokes permit higher weights of the front tools, we offer two different slide designs
- **Facing heads with long stroke** are suitable for facing with short and light front tools.
- **Facing heads with short stroke** are suitable for: Internal machining (grooving, under-cutting and boring) with heavy front tools.



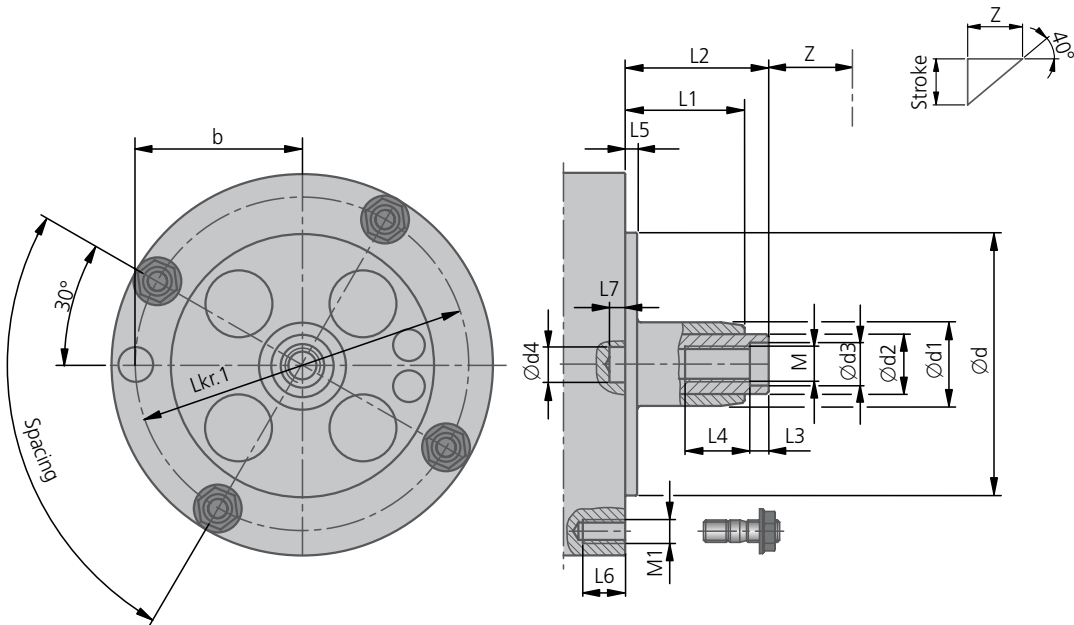
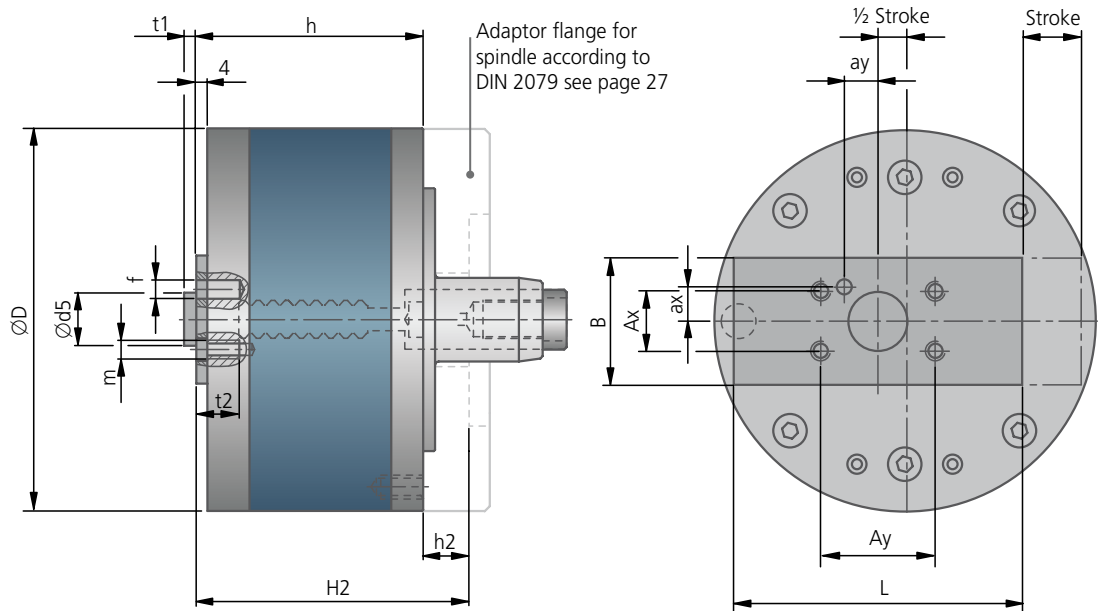
Balancing note:

Balancing of these facing heads is achieved in any slide position through the weighting of the sliding components. The snap-on tools are involved in this dynamic and must therefore be adjusted in respect of weight and centre of gravity (see column "weight"), i.e. facing heads are finely balanced with the snap-on tools.

KOMET® KomDrive PKU-101



Facing head with counterweighted with mounting holes in slide

on request



Facing head with counterweighted with mounting holes in slide

| | | External dimensions | | | | | | | | |
|---------------|-----------|---------------------|--------|------|-----|------------------|-----|-----|-------------------|---------------------|
| Article | Order No. | ØD _{h6} | Stroke | Z | h | Ød _{h6} | Ød1 | Ød2 | Ød3 ^{H7} | Ød4 ^{+0,1} |
| PKU100-10-101 | P20 10110 | 100 | 10 | 11,9 | 66 | 65 | 25 | 16 | 12 | 10,3 |
| PKU125-6-101 | P20 20010 | 125 | 6 | 7,2 | 73 | 90 | 30 | 20 | 14 | 14,6 |
| PKU125-15-101 | P20 20110 | | 15 | 17,9 | | | | | | |
| PKU160-8-101 | P20 30010 | 160 | 8 | 9,5 | 95 | 110 | 35 | 25 | 18 | 14,6 |
| PKU160-22-101 | P20 30110 | | 22 | 26,2 | | | | | | |
| PKU200-10-101 | P20 40010 | 200 | 10 | 11,9 | 115 | 150 | 44 | 32 | 18 | 16,2 |
| PKU200-30-101 | P20 40110 | | 30 | 35,7 | | | | | | |
| PKU250-12-101 | P20 50010 | 250 | 12 | 14,3 | 140 | 180 | 46 | 32 | 18 | 19,4 |
| PKU250-40-101 | P20 50110 | | 40 | 47,7 | | | | | | |
| PKU320-15-101 | P20 60010 | 320 | 15 | 17,9 | 174 | 220 | 63 | 40 | 22 | 24,2 |
| PKU320-50-101 | P20 60110 | | 50 | 59,6 | | | | | | |

| | | Slide dimensions | | | | | | | | | | Tool | | | |
|---------------|-----|------------------|----|-----|----------|----------|-------------------|----|----|-----|-----------------|---|------|---|------|
| for | B | L | Ax | Ay | ax ±0,02 | ay ±0,02 | Ød5 _{h6} | t1 | t2 | m | f ^{H7} |  | |  | |
| | | | | | | | | | | | | min. | max. | min. | max. |
| PKU100-10-101 | 42 | 80 | 18 | 33 | 11 | 7 | 16 | 5 | 9 | M6 | 5 | 0,22 | 0,4 | 0.5 | 0.9 |
| PKU125-6-101 | 52 | 88 | 28 | 50 | 14 | 15 | 20 | 5 | 16 | M8 | 6 | 0,55 | 1,05 | 1.2 | 2.3 |
| PKU125-15-101 | 46 | 92 | 22 | 42 | 11 | 12 | | | 13 | M6 | 5 | 0,53 | 0,9 | 1.2 | 2.0 |
| PKU160-8-101 | 66 | 106 | 32 | 60 | 16 | 18 | 25 | 5 | 19 | M10 | 6 | 0,46 | 1,5 | 1.0 | 3.3 |
| PKU160-22-101 | 56 | 120 | 28 | 50 | 14 | 15 | | | 16 | M8 | 6 | 0,47 | 1,2 | 1.0 | 2.6 |
| PKU200-10-101 | 78 | 130 | 40 | 80 | 20 | 25 | 30 | 5 | 18 | M12 | 8 | 1,25 | 3,5 | 2.8 | 7.7 |
| PKU200-30-101 | 68 | 150 | 32 | 60 | 16 | 18 | | | 18 | M10 | 6 | 1,15 | 2,7 | 2.5 | 6.0 |
| PKU250-12-101 | 93 | 156 | 50 | 90 | 25 | 30 | 32 | 5 | 18 | M12 | 10 | 1,51 | 5,3 | 3.3 | 11.7 |
| PKU250-40-101 | 78 | 190 | 40 | 80 | 20 | 25 | | | 18 | M12 | 8 | 1,23 | 3,8 | 2.7 | 6.0 |
| PKU320-15-101 | 108 | 194 | 60 | 120 | 30 | 40 | 40 | 5 | 28 | M16 | 12 | 0 | 7,2 | 0 | 15.9 |
| PKU320-50-101 | 92 | 234 | 50 | 90 | 25 | 30 | | | 22 | M12 | 10 | 0 | 5,4 | 0 | 11.9 |

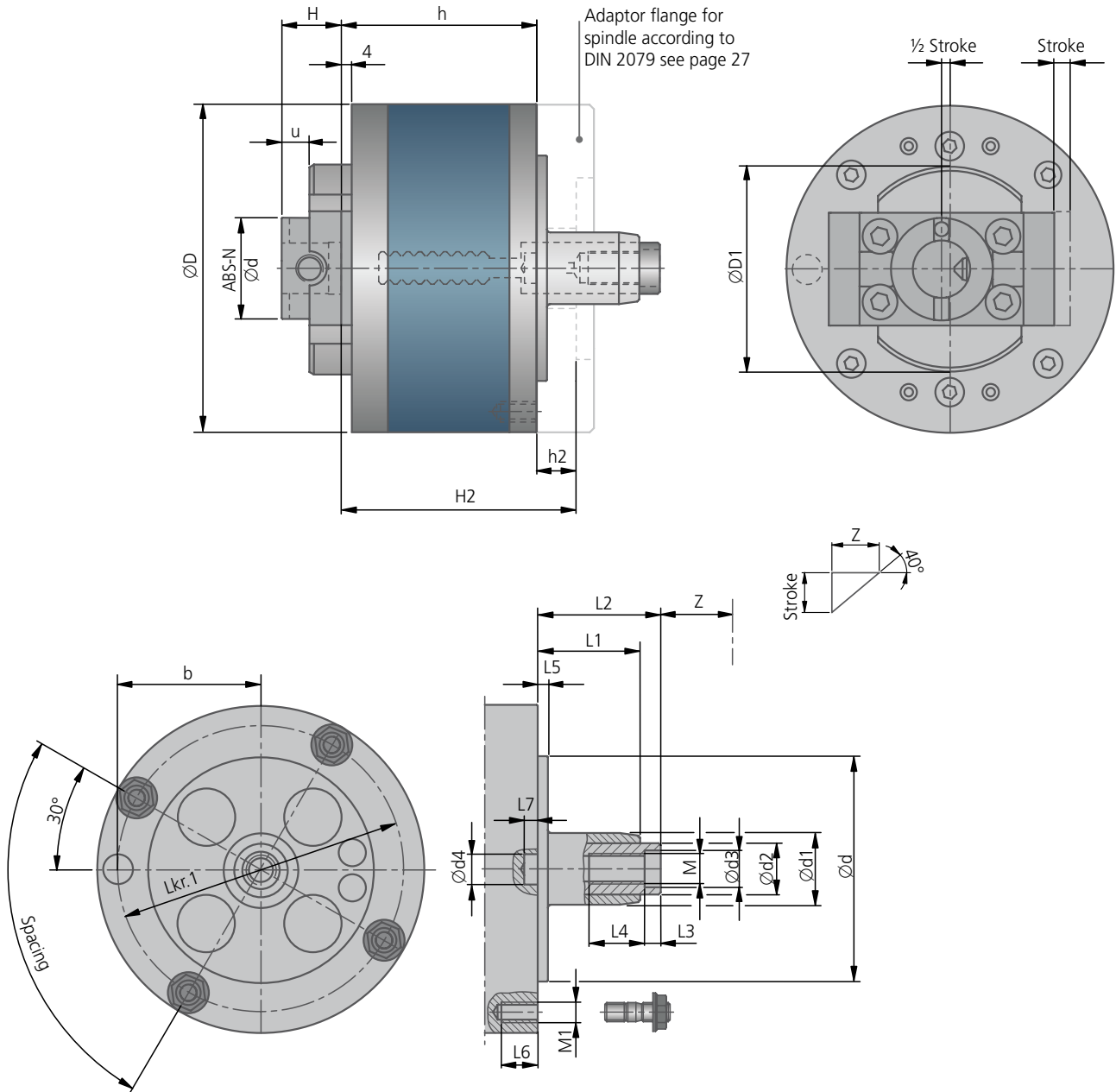
| | | Mounting dimensions | | | | | | | | | | | DIN 2079 | | |
|--------------|----------|---------------------|-----|------|----|----|----|----|----|-------|-------|-----------------|----------------|----|--------------|
| for | M | M1 | L1 | L2±1 | L3 | L4 | L5 | L6 | L7 | b±0,1 | Lkr.1 | Spacing | Adaptor flange | | Spindle size |
| | | | | | | | | | | | | | H2 | h2 | |
| PKU100...101 | M10×1L | M8 | 30 | 40 | 8 | 14 | 4 | 12 | 5 | 42 | 84 | 4×90° 3×120° | 81 | 15 | 30 |
| PKU125...101 | M12×1,5L | M8 | 37 | 47 | 8 | 16 | 4 | 12 | 6 | 54 | 110 | 6×60° | 90 | 17 | 40 |
| PKU160...101 | M16×1,5L | M10 | 50 | 60 | 10 | 25 | 5 | 15 | 6 | 70 | 140 | 4×90° | 115 | 20 | 40 |
| PKU200...101 | M16×1,5L | M12 | 70 | 80 | 10 | 25 | 5 | 18 | 6 | 87,5 | 175 | 4×90° | 140 | 25 | 50 |
| PKU250...101 | M16×1,5L | M16 | 90 | 100 | 10 | 25 | 6 | 22 | 6 | 108 | 216 | 4×90° | 165 | 25 | 50 |
| PKU320...101 | M20×1,5L | M16 | 106 | 116 | 10 | 30 | 6 | 22 | 8 | 137,5 | 275 | 6×60° | 200 | 26 | 60 |

Order example:

Facing head Ø 250 mm, stroke 40 mm, type 101: Article PKU250-40-101, Order No. P20 50110



KOMET® KomDrive PKU-103

Facing head with counterweighted with integrated ABS® N connection



Facing head with counterweighted with integrated ABS® N connection

| | | External dimensions | | | | | | | | | |
|---------------|-----------|---------------------|--------|------|-----|-----|------------------|-----|-----|-------------------|---------------------|
| Article | Order No. | ØD _{h6} | Stroke | Z | h | ØD1 | Ød _{h6} | Ød1 | Ød2 | Ød3 ^{H7} | Ød4 ^{+0,1} |
| PKU100-10-103 | P20 10130 | 100 | 10 | 11,9 | 61 | 64 | 65 | 25 | 16 | 12 | 10,3 |
| PKU125-6-103 | P20 20030 | 125 | 6 | 7,2 | 73 | 85 | 90 | 30 | 20 | 14 | 14,6 |
| PKU125-15-103 | P20 20130 | | 15 | 17,9 | | | | | | | |
| PKU160-8-103 | P20 30030 | 160 | 8 | 9,5 | 95 | 100 | 110 | 35 | 25 | 18 | 14,6 |
| PKU160-22-103 | P20 30130 | | 22 | 26,2 | | | | | | | |
| PKU200-10-103 | P20 40030 | 200 | 10 | 11,9 | 115 | 125 | 150 | 44 | 32 | 18 | 16,2 |
| PKU200-30-103 | P20 40130 | | 30 | 35,7 | | | | | | | |
| PKU250-12-103 | P20 50030 | 250 | 12 | 14,3 | 140 | 150 | 180 | 46 | 32 | 18 | 19,4 |
| PKU250-40-103 | P20 50130 | | 40 | 47,7 | | | | | | | |
| PKU320-15-103 | P20 60030 | 320 | 15 | 17,9 | 174 | 180 | 220 | 63 | 40 | 22 | 24,2 |
| PKU320-50-103 | P20 60130 | | 50 | 59,6 | | | | | | | |

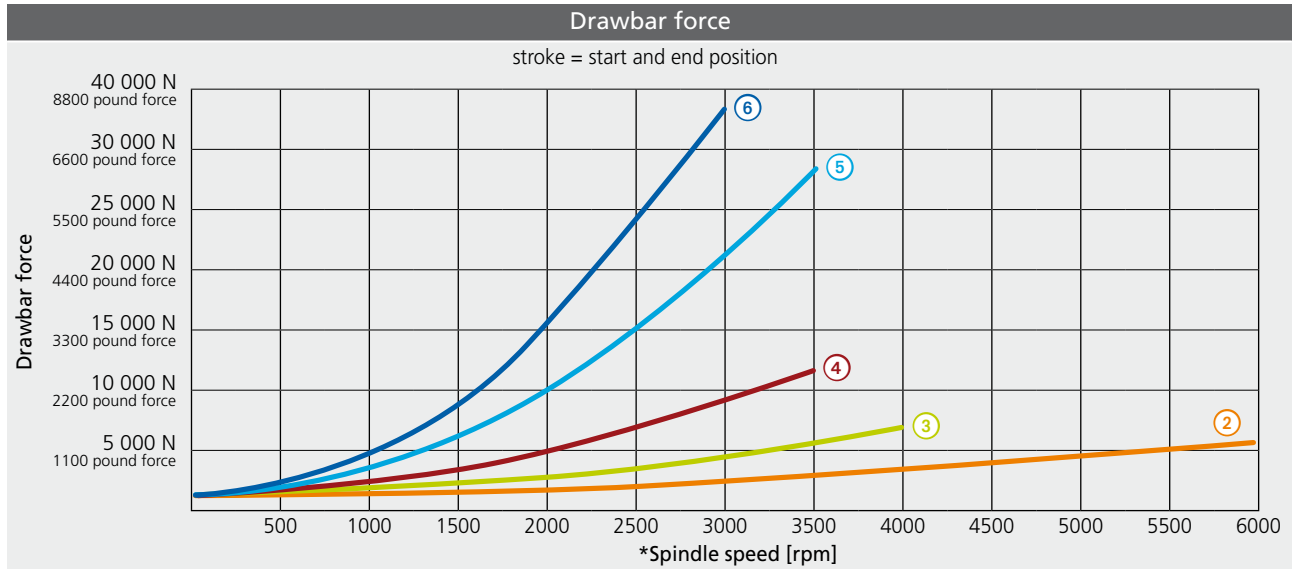
| | | Slide dimensions | | | Tool | | | |
|---------------|--------------|------------------|----|---|------|---|------|--|
| for | ABS-N Ø d | H | u |  | |  | | |
| | | | | min. | max. | min. | max. | |
| PKU100-10-103 | 32 | 24 | 20 | 0,09 | 0,29 | 0.2 | 0.6 | |
| PKU125-6-103 | 40 | 25 | 12 | 0,2 | 0,8 | 0.4 | 1.8 | |
| PKU125-15-103 | 32 | 20 | 10 | 0,34 | 0,8 | 0.7 | 1.8 | |
| PKU160-8-103 | 50 | 30 | 14 | 0 | 1,0 | 0 | 2.2 | |
| PKU160-22-103 | 40 | 25 | 12 | 0,21 | 0,9 | 0.5 | 2.0 | |
| PKU200-10-103 | 63 | 35 | 16 | 0,32 | 2,5 | 0.7 | 5.5 | |
| PKU200-30-103 | 50 | 30 | 14 | 0,7 | 2,2 | 1.5 | 4.9 | |
| PKU250-12-103 | 80 | 40 | 20 | 0 | 3,7 | 0 | 8.2 | |
| PKU250-40-103 | 63 | 35 | 16 | 0,27 | 2,9 | 0.6 | 6.4 | |
| PKU320-15-103 | 100 | 55 | 30 | 0 | 4,17 | 0 | 9.2 | |
| PKU320-50-103 | 80 | 40 | 20 | 0 | 3,9 | 0 | 8.6 | |

| | | Mounting dimensions | | | | | | | | | | | DIN 2079 | | |
|--------------|----------|---------------------|-----|------|----|----|----|----|----|-------|-------|-----------------|----------|----|--------------|
| for | M | M1 | L1 | L2±1 | L3 | L4 | L5 | L6 | L7 | b±0,1 | Lkr.1 | Spacing | H2 | h2 | Spindle size |
| PKU100...103 | M10×1L | M8 | 30 | 40 | 8 | 14 | 4 | 12 | 5 | 42 | 84 | 4×90° 3×120° | 81 | 15 | 30 |
| PKU125...103 | M12×1,5L | M8 | 37 | 47 | 8 | 16 | 4 | 12 | 6 | 54 | 110 | 6×60° | 90 | 17 | 40 |
| PKU160...103 | M16×1,5L | M10 | 50 | 60 | 10 | 25 | 5 | 15 | 6 | 70 | 140 | 4×90° | 115 | 20 | 40 |
| PKU200...103 | M16×1,5L | M12 | 70 | 80 | 10 | 25 | 5 | 18 | 6 | 87,5 | 175 | 4×90° | 140 | 25 | 50 |
| PKU250...103 | M16×1,5L | M16 | 90 | 100 | 10 | 25 | 6 | 22 | 6 | 108 | 216 | 4×90° | 165 | 25 | 50 |
| PKU320...103 | M20×1,5L | M16 | 106 | 116 | 10 | 30 | 6 | 22 | 8 | 137,5 | 275 | 6×60° | 200 | 26 | 60 |

Order example:

Facing head Ø 250 mm, stroke 40 mm, type 103: Article PKU250-40-103, Order No. P20 50130

Technical notes



*Spindle speed [rpm]

Drawbar forces shown are valid for maximum weight of front tool.

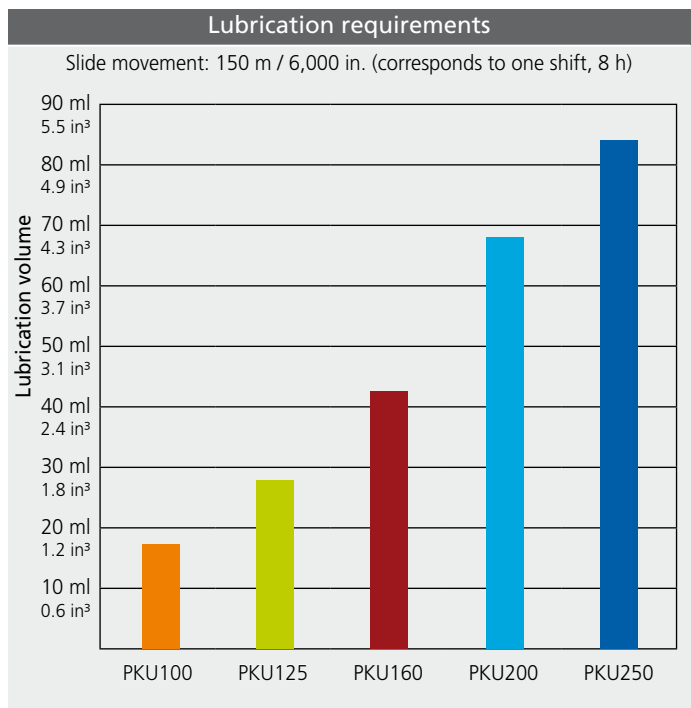
| max. weight of front tool | | | |
|---------------------------|--------|--------|----------|
| ② | PKU100 | 0,4 kg | 0.9 lbs |
| ③ | PKU125 | 0,6 kg | 1.3 lbs |
| ④ | PKU160 | 0,9 kg | 2.0 lbs |
| ⑤ | PKU200 | 2,0 kg | 4.4 lbs |
| ⑥ | PKU250 | 2,8 kg | 6.17 lbs |

Lubrication volume required for one shift

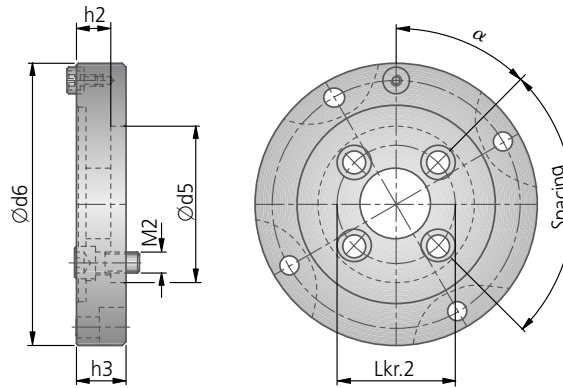
The values specified are guide values and must, where required, be adjusted to the application conditions such as rotation speed, stroke and environmental influences such as coolant, dirt, etc.

Lubricants

As a lubricant we recommend Mobilux EP004 liquid lubricant and slide-way oils to DIN 51502 with ref. No. CG-L68 and CG-L220. For spindle speeds from 700 rev/min, CG-L220 is advisable. The relevant commercial names of the mineral oil companies for slide-way oils can be ascertained from the machine lubrication instructions. These lubrication instructions apply to all generating tools supplied by KOMET®.



Adaptor flange for spindle according to DIN 2079



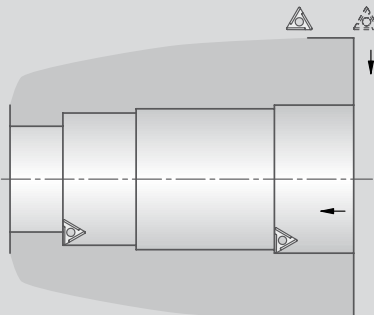

| | | Mounting dimensions, spindle | | | | | | | | DIN 2079 |
|------------|-----------|------------------------------|------|----|----|-----|----|-----------------|---------|--------------|
| for Ø D | Order No. | Ø d5 ^{H6} | Ø d6 | h3 | h2 | α | M2 | Bolthole circle | | Spindle size |
| | | | | | | | | Lkr.2 ±0,2 | Spacing | |
| 80 | P00 00300 | 69,832 | 80 | 26 | 18 | 15° | 10 | 54 | 4×90° | 30 |
| 100 | P00 10300 | 69,832 | 100 | 23 | 15 | 15° | 10 | 54 | 4×90° | 30 |
| 125 | P00 20400 | 88,882 | 125 | 25 | 17 | 45° | 12 | 66,7 | 4×90° | 40 |
| 160 | P00 30400 | 88,882 | 160 | 28 | 20 | 45° | 12 | 66,7 | 4×90° | 40 |
| 200 | P00 40500 | 128,57 | 200 | 35 | 25 | 45° | 16 | 101,6 | 4×90° | 50 |
| 250 | P00 50500 | 128,57 | 250 | 35 | 25 | 45° | 16 | 101,6 | 4×90° | 50 |
| 320 | P00 60600 | 221,44 | 320 | 41 | 26 | 45° | 20 | 177,8 | 4×90° | 60 |

Machining examples

Gear case

- ▶ Finishbore bearing $\varnothing 80^{H7} / \varnothing 100^{H7}$ ($\varnothing 3.149'' + 0.00125''$ and $\varnothing 3.937'' + 0.0014''$) with bridge mounted tools
- ▶ Retract after boring
- ▶ Face turn with slide

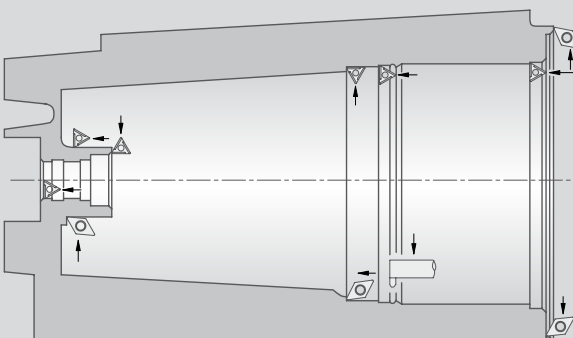
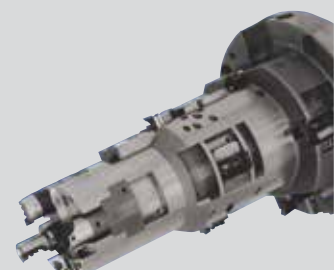
Cutting data:
 $\varnothing 80 / 100$ mm 3.149" / 3.937"
 $v_c = 400$ m/min 1,300 sfm
 $n = 1591$ min⁻¹ 1,591 rpm
 $f = 0,11$ mm/rev 0.0044 ipr
 $v_f = 175$ mm/min 6.89 ipm

Gear case

- ▶ Bore $\varnothing 25/220/227$ mm ($\varnothing 0.984''/8.661''/8.937''$) and turn $\varnothing 46$ mm ($\varnothing 1.811''$) with fixed tools
- ▶ Operate slide to face turn $\varnothing 226 / 206$ mm ($\varnothing 8.897''/8.110''$)
- ▶ Face turn $\varnothing 220$ mm ($\varnothing 8.661''$) and $\varnothing 46$ mm ($\varnothing 1.811''$)
- ▶ Groove bottom of gear case with grooving insert

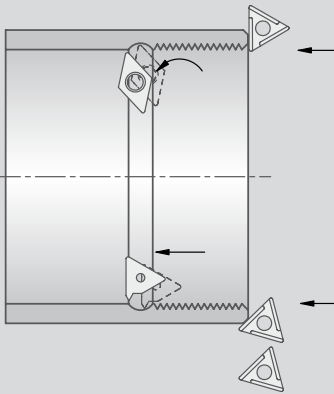

Cutting data:
 $\varnothing 25 - 227$ mm
 $\varnothing 0.984''$ to $\varnothing 8.937''$
 $v_c = 161 - 1450$ m/min
 500-4800 sfm
 $n = 2000$ min⁻¹
 2,000 rpm
 $f = 0,1$ mm/rev
 0.004 ipr
 $v_f = 200$ mm/min
 7.87 ipm

Tube end machining

- ▶ Chamfer bore
- ▶ Bore inner contour including undercut
- ▶ Chamfer outer diameter and plungecut the face
- ▶ Cut thread in multiple passes
- ▶ Centrally located front tool is exchangeable for machining different tube diameters

Cutting data:
 $\varnothing 94$ mm 3.700"
 $v_c = 220$ m/min 725 sfm
 $n = 1350$ min⁻¹ 1,350 rpm
 $f = 0,12$ mm/rev 1,35053 ipr
 $v_f = 162$ mm/min 6.75 ipm

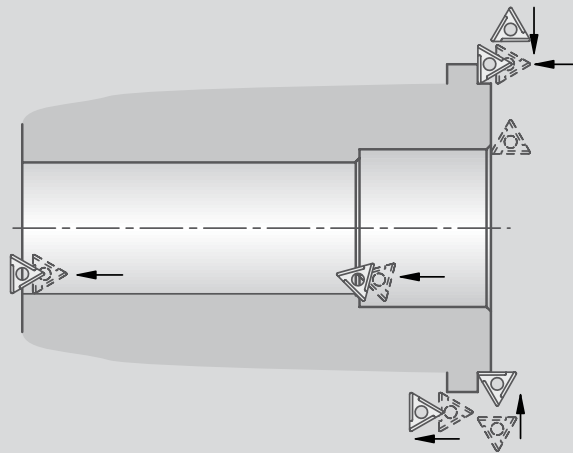



Bearing housing

- ▶ Bore \varnothing 40 mm (\varnothing 1.575") and chamfer $1 \times 45^\circ$; Turn outer \varnothing 95 mm (\varnothing 3.740") and step \varnothing 86 mm (\varnothing 3.386")
- ▶ Lift of cutting edges
- ▶ Turn both faces

Cutting data:

| | |
|--------------------------------|-----------|
| \varnothing_1 50 mm | 1.575" |
| \varnothing_2 110 mm | 2 4.331" |
| $v_c = 180$ m/min | 600 sfm |
| $n_1 = 1150$ min ⁻¹ | 1,550 rpm |
| $n_2 = 520$ min ⁻¹ | 520 rpm |
| $f = 0,15$ mm/rev | 0.006 ipr |
| $v_{f1} = 172$ mm/min | 6.77 ipm |
| $v_{f2} = 80$ mm/min | 3.15 ipm |

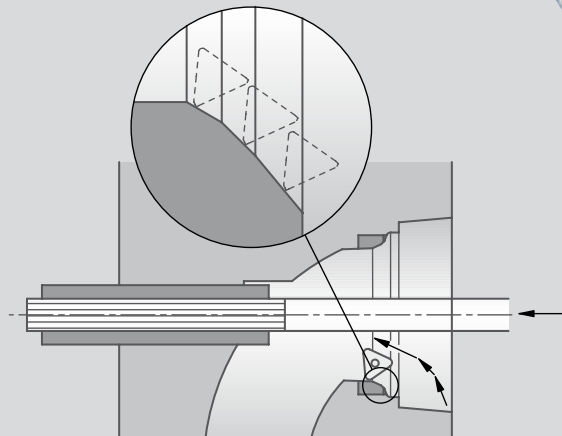


Cylinder head / valve seat

- ▶ Generate 120° outer relief angle through coordinated axial movement of the machine spindle and drawbar
- ▶ Machine valve seatface $90^\circ_{-30'}$ through drawbar actuation
- ▶ Generate 60° inner relief angle
- ▶ Ream valve guide bushing

Cutting data:

| | |
|------------------------------|------------------|
| \varnothing 38,6 - 23 mm | 1.520" to 0.906" |
| $v_c = 242-144$ m/min | 800-475 sfm |
| $n = 2000$ min ⁻¹ | 2,000 rpm |
| $f = 0,08$ mm/rev | 0.003 ipr |
| $v_f = 160$ mm/min | 6.30 ipm |

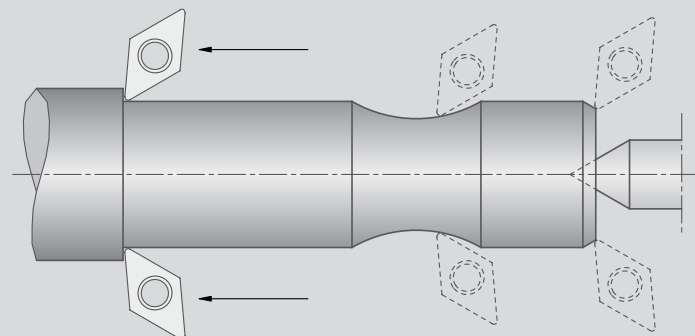


Shaft machining

Turn contour with double slide generating heading furnished with central throughbore (also available with rotating center support)

Cutting data:

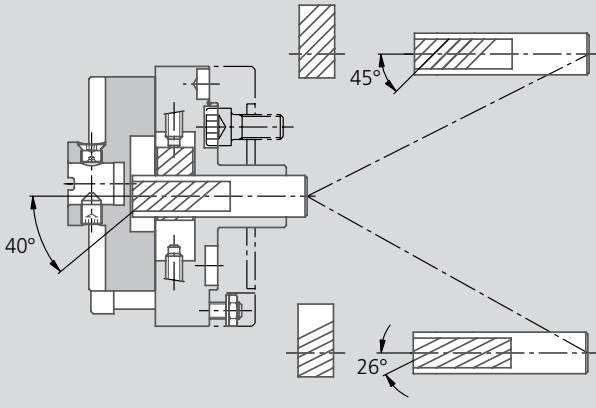
| | |
|--|-----------|
| \varnothing 37 - 12 mm | |
| \varnothing 1.457" to \varnothing 0.472" | |
| $v_c = 260-34$ m/min | 850 sfm |
| $n = 2240$ min ⁻¹ | 2,240 rpm |
| $f = 0,1$ mm/rev | 0.004 ipr |
| $v_f = 224$ mm/min | 8.82 ipm |



Modified standard facing heads

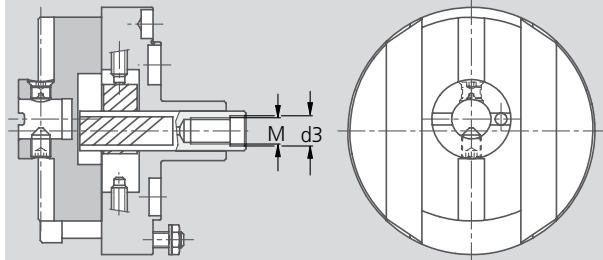
Modification 1

Rack angle for various transmission ratios. All facing heads are also available with transmission ratios of 1:1 and 1:2.



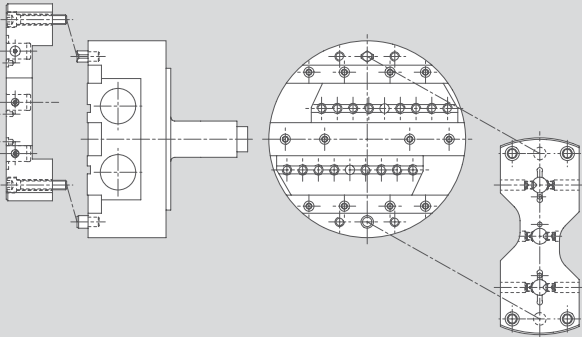
Modification 2

Drawbar connection with different locating diameter and thread. Capable to connect with existing machines.



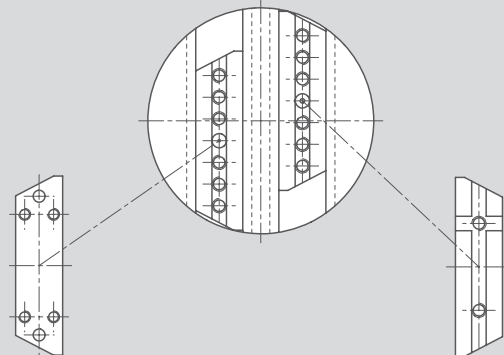
Modification 3

Additional mounting holes to install bridge. Installation of fixed tools to combine boring and facing operations.



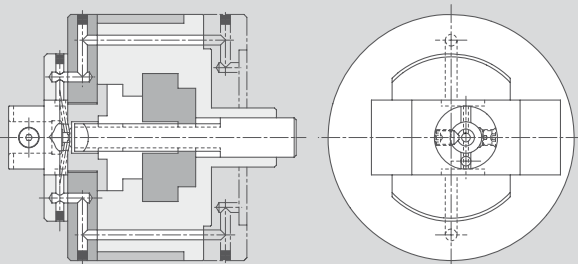
Modification 4

Modified mounting hole pattern in slides allows the installation of existing cutting tools.



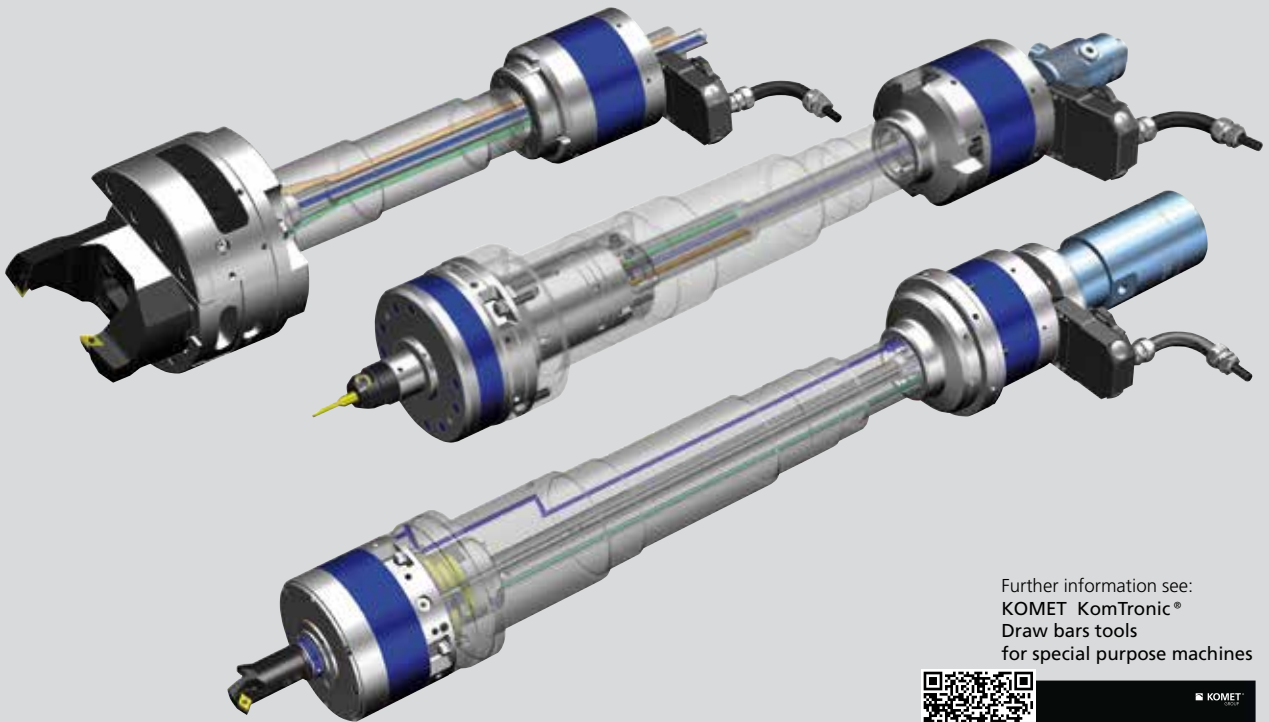
Modification 5

Coolant supply through the face of the spindle. Improved chip control and chip removal in drilling and boring operations.



Below is a listing of modifications to standard facing heads which are available upon request. Replacement parts such as drawbars, gear racks and slides are stocked as semifinished components.

Facing heads with integrated measuring system and KomTronic® U-axis systems for spindle integration



Further information see:
KOMET KomTronic®
Draw bars tools
for special purpose machines



Produce turning contours economically when working with a stationary workpiece

Based on decades of experience producing facing heads for special purpose machines, KOMET® is expanding its product range to include KomTronic® systems for spindle integration for different installation and usage requirements for facing heads.

- Facing heads with direct encoder on the slide
- KomTronic® systems for spindle integration with own drive



Usage and safety notes

The application details given depend on the environmental and application conditions (e.g. machine, ambient temperature, lubricant/coolant used and machining result required): they are based on the correct application conditions, correct use and compliance with the spindle speed limits given for the tools.

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