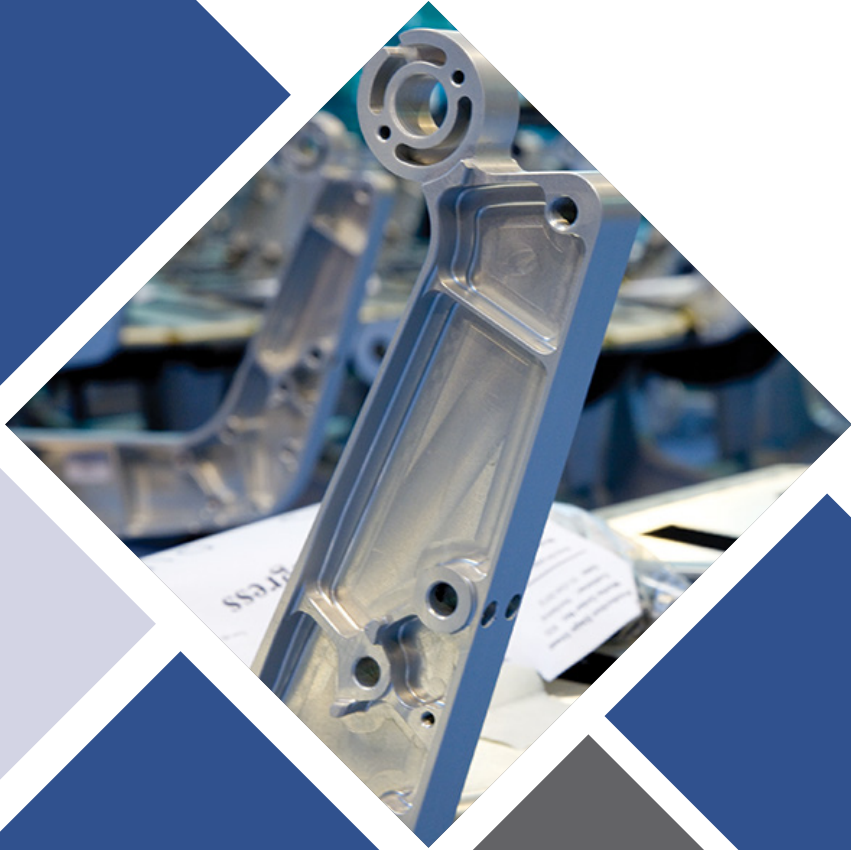


sgspro

an  company



Steel Range





sgspro STEEL RANGE

sgspro Steel Range has a specially designed geometry to suit growing market demands for steel and cast steel applications. This is a cost effective alternative to standard solutions due to a greater rate of stock removal.

Features & Benefits

- Specifically developed geometry - increasing machining output on steel components compared to cuts 2, 5 & 6
- Aggressive cutting form - Producing large chips with increased stock removal
- Specifically engineered steel cutting geometry - Generating lower heat at cutting edge
- CNC Machined - High consistent quality
- Combination of ATA Air Tool with steel cut geometry - Gives a guaranteed smoother grinding operation
- Manufactured to strict quality control standards - incorporates 100% inspection of brazed joints



Wear Eye Protection!



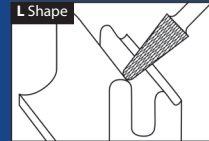
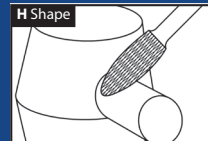
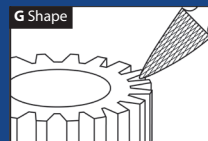
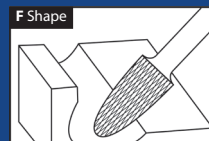
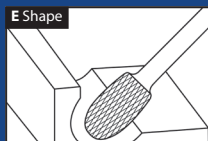
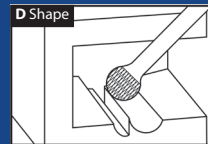
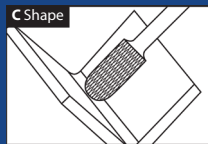
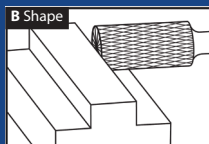
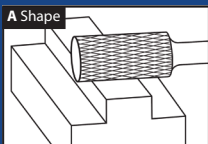
Wear Hearing Protection!



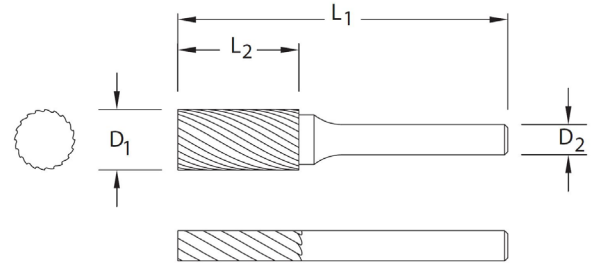
Observe the recommended rotational speed, especially when using burs with long shanks!



Wear Protective Gloves



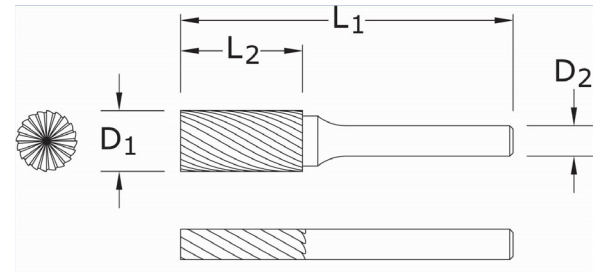
STEEL RANGE A, ZYA, SA



Steel A, ZYA, SA - Cylinder without Endcut

Tool	Cutting Diameter D1	Length of Cut L2	Shank Diameter D2	Overall Length L1	Cut - Steel Part No.
SA-1	1/4"	5/8"	1/4"	2"	19350
SA-2	5/16"	3/4"	1/4"	2-1/2"	19351
SA-3	3/8"	3/4"	1/4"	2-1/2"	19352
SA-5	1/2"	1"	1/4"	2-3/4"	19353

STEEL RANGE B, ZYAS, SB



Steel B, ZYAS, SB - Cylinder with Endcut

Tool	Cutting Diameter D1	Length of Cut L2	Shank Diameter D2	Overall Length L1	Cut - Steel Part No.
SB-1	1/4"	5/8"	1/4"	2"	19354
SB-2	5/16"	3/4"	1/4"	2-1/2"	19355
SB-3	3/8"	3/4"	1/4"	2-1/2"	19356
SB-5	1/2"	1"	1/4"	2-3/4"	19357

Ordering Information

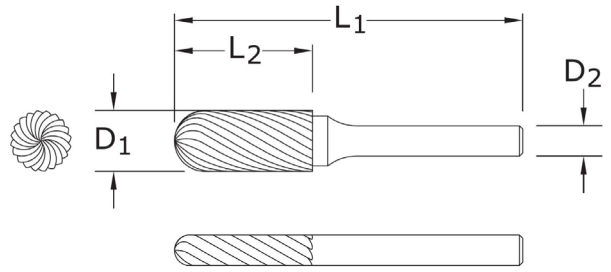
For more information and / or to place an order, please contact ATA Customer Service at:

US Offices: +1 330-928-7744 or by email sales@atataools.com

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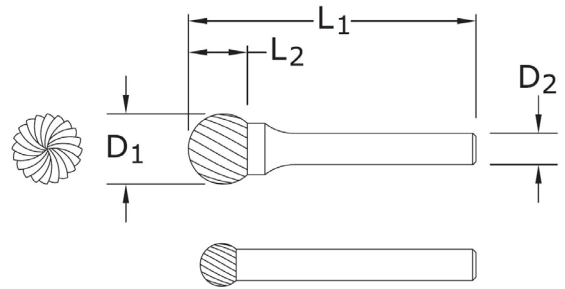
STEEL RANGE C, WRC, SC



Steel C, WRC, SC - Ball Nosed Cylinder

Tool	Cutting Diameter D1	Length of Cut L2	Shank Diameter D2	Overall Length L1	Cut - Steel Part No.
SC-1	1/4"	5/8"	1/4"	2"	19362
SC-2	5/16"	3/4"	1/4"	2-1/2"	19363
SC-3	3/8"	3/4"	1/4"	2-1/2"	19364
SC-5	1/2"	1"	1/4"	2-3/4"	19365

STEEL RANGE D, KUD, SD



Steel D, KUD, SD - Ball Shape

Tool	Cutting Diameter D1	Length of Cut L2	Shank Diameter D2	Overall Length L1	Cut - Steel Part No.
SD-1	1/4"	7/32"	1/4"	2"	19358
SD-2	5/16"	1/4"	1/4"	2"	19359
SD-3	3/8"	5/16"	1/4"	2-1/16"	19360
SD-5	1/2"	7/16"	1/4"	2-1/5"	19361

Ordering Information

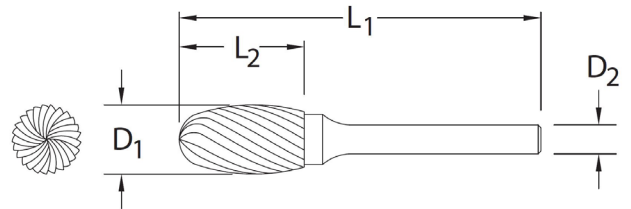
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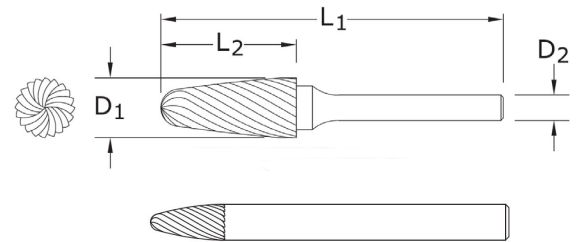
STEEL RANGE E, TRE, SE



Steel E, TRE, SE - *Oval Shape*

Tool	Cutting Diameter D1	Length of Cut L2	Shank Diameter D2	Overall Length L1	Cut - Steel Part No.
SE-5	1/2"	7/8"	1/4"	2-5/8"	19379

STEEL RANGE F, RBF, SF



Steel F, RBF, SF - *Ball Nosed Tree Shape*

Tool	Cutting Diameter D1	Length of Cut L2	Shank Diameter D2	Overall Length L1	Cut - Steel Part No.
SF-1	1/4"	5/8"	1/4"	2"	19375
SF-3	3/8"	3/4"	1/4"	2-1/2"	19377
SF-5	1/2"	1"	1/4"	2-3/4"	19378



Wear Eye Protection!



Wear Hearing Protection!

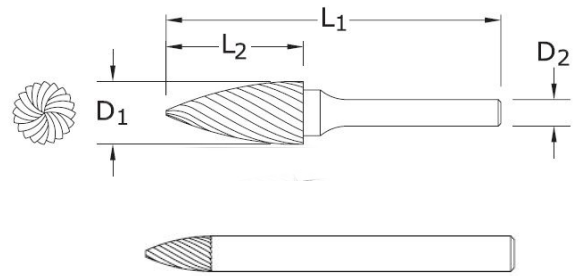


Observe the recommended rotational speed, especially when using burs with long shanks!



Wear Protective Gloves

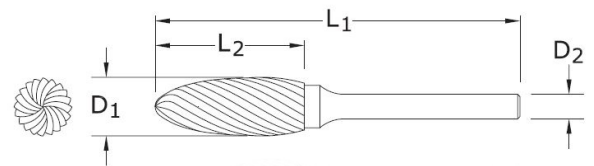
STEEL RANGE G, SPG, SG



Steel G, SPG, SG - Pointed Tree Shape

Tool	Cutting Diameter D1	Length of Cut L2	Shank Diameter D2	Overall Length L1	Cut - Steel Part No.
SG-1	1/4"	5/8"	1/4"	2"	19366
SG-2	5/16"	3/4"	1/4"	2-1/2"	19367
SG-3	3/8"	3/4"	1/4"	2-1/2"	19368
SG-5	1/2"	1"	1/4"	2-3/4"	19369

STEEL RANGE H, SH



Steel H, SH - Flame Shape

Tool	Cutting Diameter D1	Length of Cut L2	Shank Diameter D2	Overall Length L1	Cut - Steel Part No.
SH-2	5/16"	3/4"	1/4"	2-1/2"	19370
SH-5	1/2"	1-1/4"	1/4"	3"	19371

Ordering Information

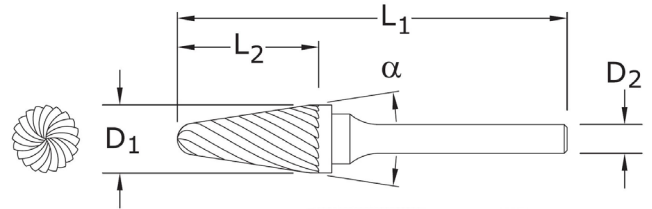
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STEEL RANGE L, KEL, SL



STEEL L, KEL, SL- Ball Nosed Cone Shape

Tool	Cutting Diameter D1	Length of Cut L2	Shank Diameter D2	Overall Length L1	Included Angle a	Cut - Steel Part No.
SL-3	3/8"	1-1/16"	1/4"	3"	14°	19373
SL-4	1/2"	1-1/8"	1/4"	3"	14°	19374

STEEL RANGE SETS

Features & Benefits - New Set

FEATURES

Compact
Versatile assortment

BENEFITS

Easy to carry
Ideal for demonstrations, samplings
or special promotions



Line	Description Type	Type	Contents	Cut - Steel Part No.
Sets	BUR5 STEEL IMP	5pcs STEEL CUT	19357; 19365; 19378; 19369; 19374	19380

STEEL RANGE SPEED GUIDE

STEEL CONDITION	Material Types
Non Hardened or Treated Steel	Construction steels; Structural steels; Carbon steels, Tool steels
Hardened or Treated Steel	Alloy steel; Hardened and Tempered steel

STEEL	Bur Head Ø	Maximum Operating Speed	Speed Range	Suggested Air Tools
	1/4"	65,000	45,000 - 60,000	SD45LR / S50
	3/8"	55,000	30,000 - 40,000	SD30LR / SD37LR
	1/2"	35,000	22,000 - 30,000	SMD25LR-CA / SM25LR-CA

Recommended Speeds are based on standard shank length of 1-3/4" max overhang of 3/8"

Front & Rear Exhaust options available for certain models. Refer to ATA Air Tool catalog.

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