

Steel Range (Metric)





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!



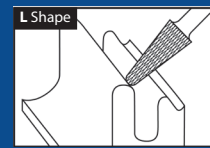
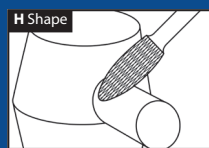
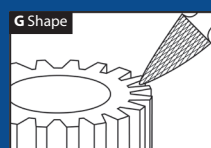
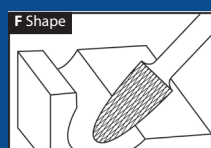
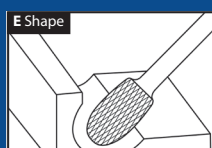
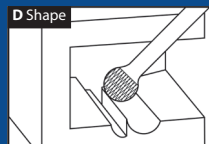
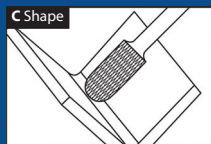
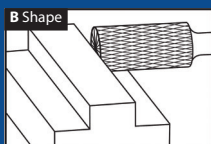
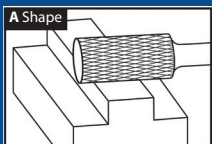
Wear Hearing Protection!



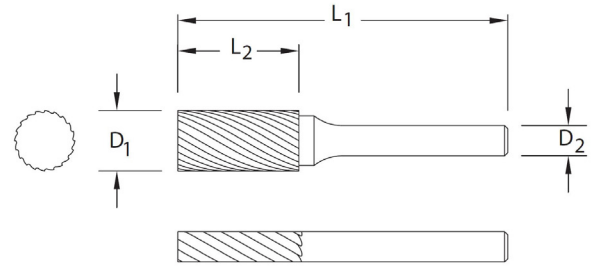
Observe the recommended rotational speed, especially when using burs with long shanks!



Wear Protective Gloves



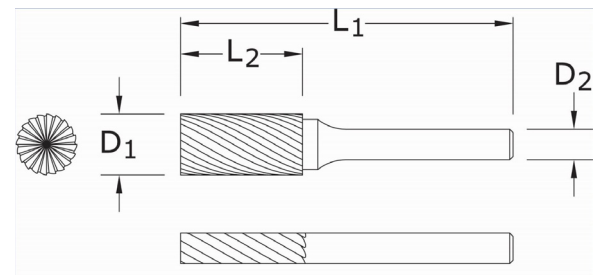
STEEL RANGE A, ZYA, SA



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-1M	6.0	18.0	6.0	50	29350
SA-2M	8.0	19.0	6.0	64	29351
SA-3M	9.6	19.0	6.0	64	29352
SA-5M	12.7	25.0	6.0	70	29353

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-1M	6.0	18.0	6.0	50	29354
SB-2M	8.0	19.0	6.0	64	29355
SB-3M	9.6	19.0	6.0	64	29356
SB-5M	12.7	25.0	6.0	70	29357

Ordering Information

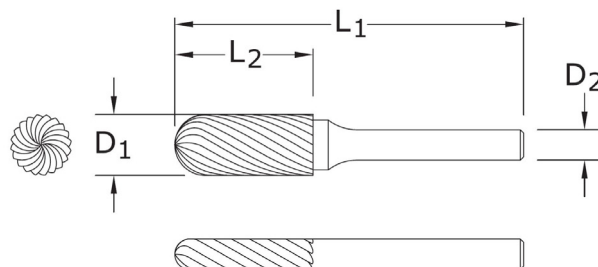
For more information and / or to place an order, please contact
ATA Customer Service at:

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

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International Offices: +353 (0) 49 432 6178 or by email sales@atagroup.ie

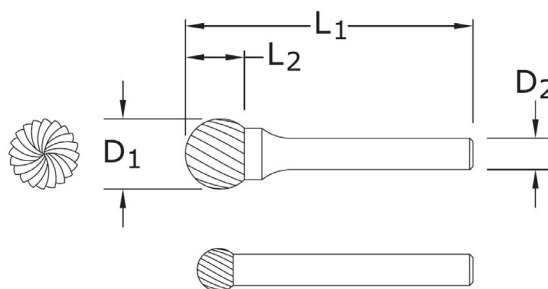
STEEL RANGE C, WRC, SC



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-1M	6.0	18.0	6.0	50	29362
SC-2M	8.0	19.0	6.0	64	29363
SC-3M	9.6	19.0	6.0	64	29364
SC-5M	12.7	25.0	6.0	70	29365

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-1M	6.0	4.7	6.0	50	29358
SD-2M	8.0	6.0	6.0	52	29359
SD-3M	9.6	8.0	6.0	54	29360
SD-5M	12.7	11.0	6.0	56	29361

Ordering Information

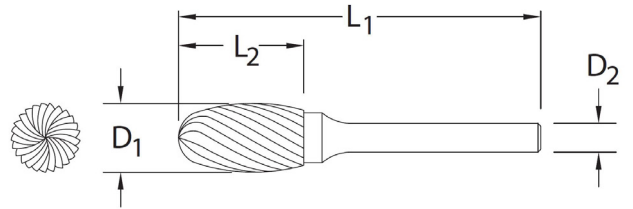
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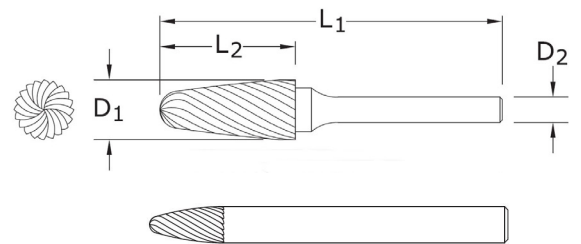
STEEL RANGE E, TRE, SE



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-5M	12.7	22.0	6.0	67	29379

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-1M	6.0	18.0	6.0	50	29375
SF-2M	8.0	20.0	6.0	65	29376
SF-3M	9.6	19.0	6.0	64	29377
SF-5M	12.7	25.0	6.0	70	29378



Wear Eye Protection!



Wear Hearing Protection!

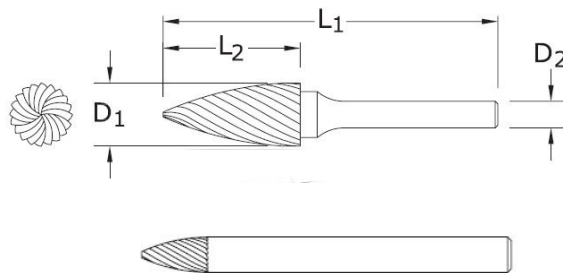


Observe the recommended rotational speed, especially when using burs with long shanks!



Wear Protective Gloves

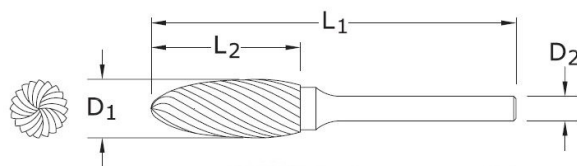
STEEL RANGE G, SPG, SG



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-1M	6.0	18.0	6.0	50	29366
SG-2M	8.0	19.0	6.0	64	29367
SG-3M	9.6	19.0	6.0	64	29368
SG-5M	12.7	25.0	6.0	70	29369

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-2M	8.0	19.0	6.0	64	29370
SH-5M	12.7	32.0	6.0	77	29371

Ordering Information

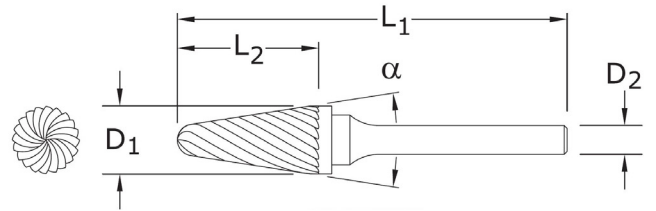
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STEEL RANGE L, KEL, SL



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.
-	10	20.0	6.0	65	14°	29372
SL-3M	9.6	30.0	6.0	76	14°	29373
SL-4M	12.7	32.0	6.0	77	14°	29374

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	BUR5M STEEL	5pcs STEEL CUT	29357; 29365; 29378; 29369; 29374	29380

STEEL RANGE SPEED GUIDE

STEEL CONDITION	N/mm2	Material Types
Non Hardened or treated Steel	<1200	Construction steels; Structural steels; Carbon steels, Tool steels
Hardened or treated Steel	>1200	Alloy steel; Hardened and Tempered steel

STEEL	Burr Head Ø	Maximum Operating Speed	Speed Range	Suggested Air Tools
	3mm (1/8")	100,000	60,000 - 80,000	SP75R / ST100
	6mm (1/4")	65,000	45,000 - 60,000	SD45LR / S50
	10mm (3/8")	55,000	30,000 - 40,000	SD30LR / SD37LR
	12mm (1/2")	35,000	22,000 - 30,000	SMD25LR-CA / SM25LR-CA

Recommended Speeds are based on standard shank length of 45mm / (1-3/4") max overhang of 10mm (3/8")

Front & Rear Exhaust options available for certain models. Refer to ATA Airtool catalogue.

International Offices

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