

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!



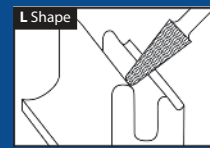
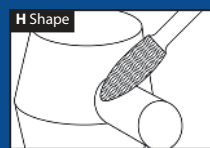
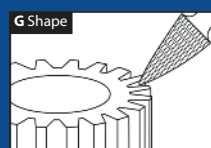
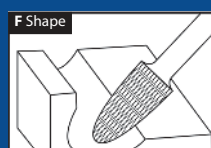
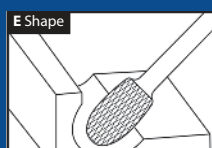
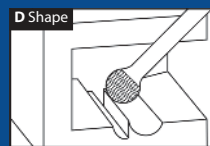
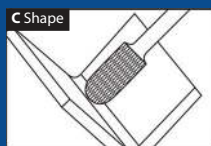
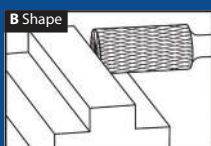
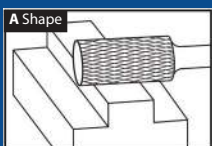
Wear Hearing Protection!



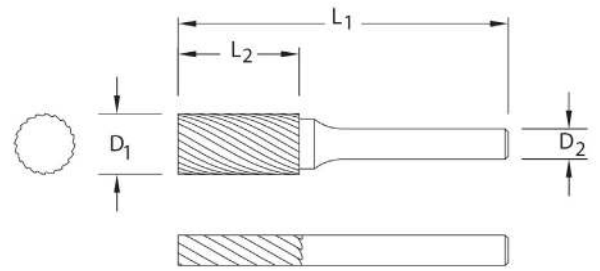
Observe the recommended rotational speed, especially when using burs with long shanks!



Wear Protective Gloves



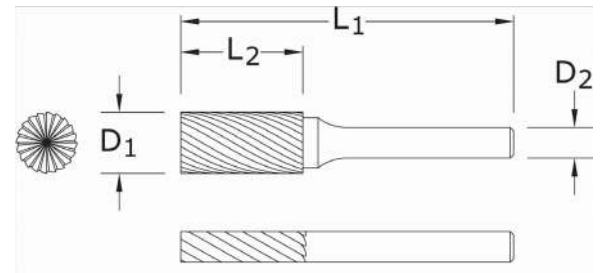
## STEEL RANGE A, ZYA, SA



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

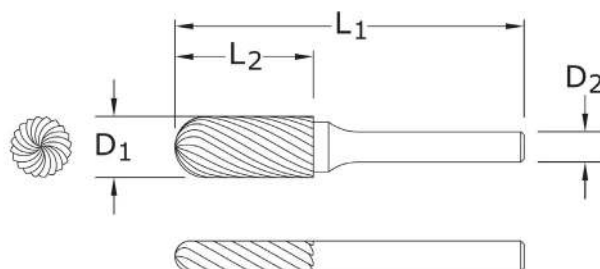
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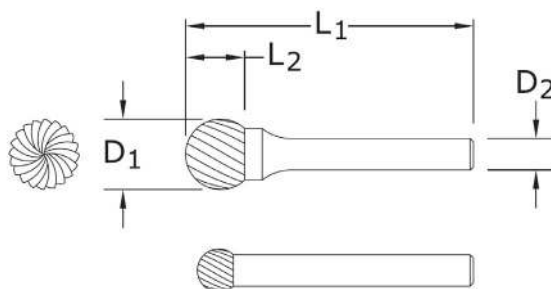
## STEEL RANGE C, WRC, SC



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-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

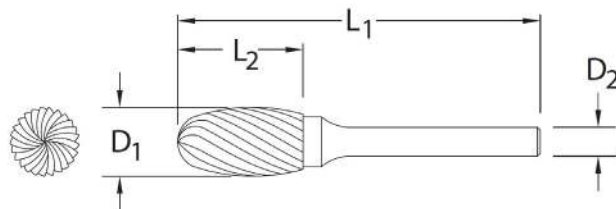
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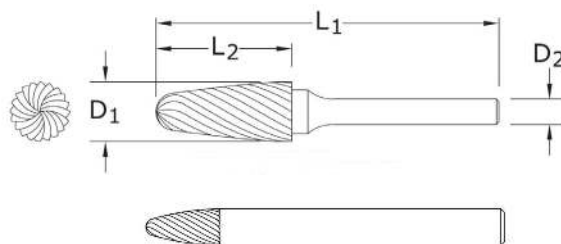
## STEEL RANGE E, TRE, SE



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!

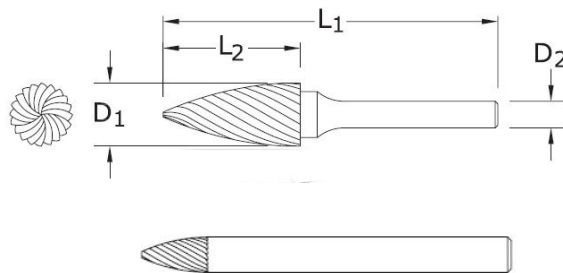


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Wear Protective Gloves

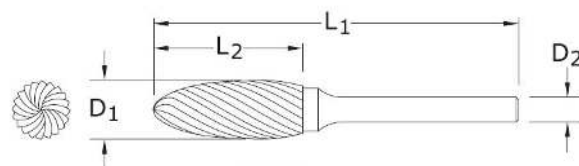
## STEEL RANGE G, SPG, SG



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

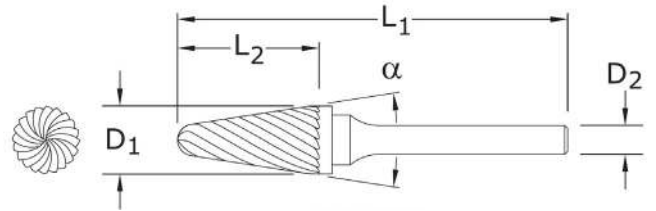
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## STEEL RANGE L, KEL, SL



### 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.



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