

procut



Base Metal Range

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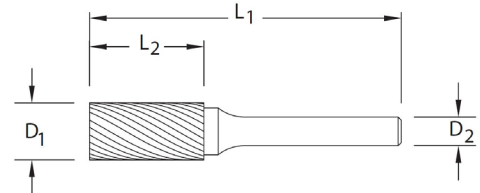


procut BM RANGE

Introducing the new Base Metal Bur range from ATA.

Designed specifically for general deburring applications on metals less than 250 HB*.

The geometry has been specifically designed for use on Low Carbon Steels, Copper and Brass materials.



Features & Benefits:

Advanced cutting geometry

- Allowing rapid stock removal
- Increasing production output
- Resulting in a smoother operation
- Breaking down the material removed efficiently

CNC Machined

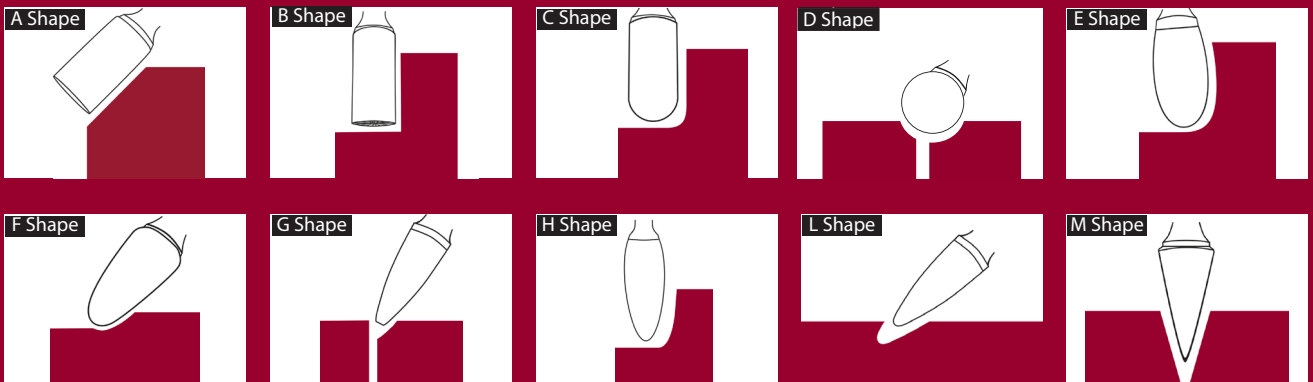
- High consistent quality

Combination of an ATA air tool with a Base Metal geometry –

- Delivering a guaranteed smoother grinding operation
- Maximises productivity

*Hardness Brinell

D1	Cutting Diameter
L2	Length of Cut
D2	Shank Diameter
L1	Overall Length



SHAPE A, ZYA, SA



Cylinder without Endcut - Shape A, ZYA, SA

Tool	Cutting Diameter D1	Length of Cut L2	Shank Diameter D2	Overall Length L1	Part No.
SA-2M	8.0	19.0	6.0	64	A60820-6BM
SA-3M	9.6	19.0	6.0	64	A61020-6BM
SA-5M	12.7	25.0	6.0	70	A61225-6BM

SHAPE B, ZYAS, SB



Cylinder with Endcut - Shape B, ZYAS, SB

Tool	Cutting Diameter D1	Length of Cut L2	Shank Diameter D2	Overall Length L1	Part No.
SB-2M	8.0	19.0	6.0	64	B60820-6BM
SB-3M	9.6	19.0	6.0	64	B61020-6BM
SB-5M	12.7	25.0	6.0	70	B61225-6BM

SHAPE C, WRC, SC



Ball Nosed Cylinder - Shape C, WRC, SC

Tool	Cutting Diameter D1	Length of Cut L2	Shank Diameter D2	Overall Length L1	Part No.
SC-2M	8.0	19.0	6.0	64	C60820-6BM
SC-3M	9.6	19.0	6.0	64	C61020-6BM
	12.7	19.0	6.0	64	C61220-6BM
SC-5M	12.7	25.0	6.0	70	C61225-6BM



Wear Eye Protection!



Wear Hearing Protection!



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



Wear Protective Gloves



Wear Protective Mask

SHAPE D, KUD, SD



Ball - Shape D, KUD, SD

Tool	Cutting Diameter D1	Length of Cut L2	Shank Diameter D2	Overall Length L1	Part No.
SD-2M	8.0	6.0	6.0	52	D60808-6BM
SD-3M	9.6	8.0	6.0	54	D61010-6BM
SD-5M	12.7	11.0	6.0	56	D61212-6BM

SHAPE E, TRE, SE



Oval - Shape E, TRE, SE

Tool	Cutting Diameter D1	Length of Cut L2	Shank Diameter D2	Overall Length L1	Part No.
SE-2M	8.0	15.0	6.0	60	E60815-6BM
SE-3M	9.6	16.0	6.0	60	E61015-6BM
SE-5M	12.7	22.0	6.0	67	E61220-6BM

SHAPE F, RBF, SF



Ball Nosed Tree - Shape F, RBF, SF

Tool	Cutting Diameter D1	Length of Cut L2	Shank Diameter D2	Overall Length L1	Part No.
SF-2M	8.0	20.0	6.0	65	F60820-6BM
SF-3M	9.6	19.0	6.0	64	F61020-6BM
SF-5M	12.7	25.0	6.0	70	F61225-6BM

Ordering Information

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

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

UK Offices: +44 (0) 1530 261 145 or by email sales@atagarryson.com

Website: www.atagroup.co

SHAPE G, SPG, SG



Pointed Tree- Shape G, SPG, SG

Tool	Cutting Diameter D1	Length of Cut L2	Shank Diameter D2	Overall Length L1	Part No.
SG-2M	8.0	19.0	6.0	64	G60820-6BM
SG-3M	9.6	19.0	6.0	64	G61020-6BM
SG-5M	12.7	25.0	6.0	70	G61225-6BM

SHAPE H, SH



Flame - Shape H, SH

Tool	Cutting Diameter D1	Length of Cut L2	Shank Diameter D2	Overall Length L1	Part No.
SH-5M	12.7	32.0	6.0	77	H61232-6BM

SHAPE L, KEL, SL



Ball Nosed Cone- Shape L, KEL, SL

Tool	Cutting Diameter D1	Length of Cut L2	Shank Diameter D2	Overall Length L1	Part No.
SL-2M	8.0	25.4	6.0	70	L60822-6BM
	10.0	20.0	6.0	65	L61020-6BM
SL-3M	9.6	30.0	6.0	76	L61026-6BM
SL-4M	12.7	32.0	6.0	77	L61228-6BM



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Wear Protective Mask

SHAPE M,SKM,SM



Cone- Shape M, SKM, SM

Tool	Cutting Diameter D1	Length of Cut L2	Shank Diameter D2	Overall Length L1	Part No.
SM-4M	9.6	16.0	6.0	64	M61020-6BM
SM-5M	12.7	22.0	6.0	71	M61222-6BM

BM RANGE SPEED GUIDE

	Material Groups	HB*	B.S	EN	DIN
Steel	Magnetic Soft	<120	230M07, 050A12	EN1, EN2 Leadloy	RFe60
	Structural case carburising	<200	060A35, 080M40, 4360-50B	EN3A, 4,6,7,8 32	st37-2, 16MnCr5, St50-2
Cast Iron	Lameller graphite	<150	grade 150, grade 400	Grey cast iron soft	GG10, GG40
	Nodular graphite, malleable	<200	420/12, P440/7, 700/2, 30g/72	S.G. iron Mehanite	GGG40, GGG70, GTS45-
Brass, Copper, Bronze	Unalloyed	<100	C101	Commercially Pure	E-Cu57, SE-Cu
	β - Brass, Bronze	<200	CZ120, CZ109, PB104	2.1030, 2.1080	CuZn39Pb2, CuZn40,
	Y - Brass	<200	CZ108, CZ106		CuZn37, CuZn28

Head Diameter	6mm	8mm	10mm	12mm	Suggested Air Tool Ranges
Max. RPM	65,000	60,000	55,000	35,000	
Steel	35,000 - 45,000	30,000 - 40,000	22,500 - 35,000	20,500 - 30,000	S, SD, SM & SMD Die Grinder Ranges*
Cast Iron	22,500 - 45,000	20,000 - 40,000	15,000 - 35,000	11,000 - 30,000	
Brass, Copper, Bronze	22,500 - 45,000	20,000 - 40,000	15,000 - 35,000	11,000 - 30,000	

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