Introduction

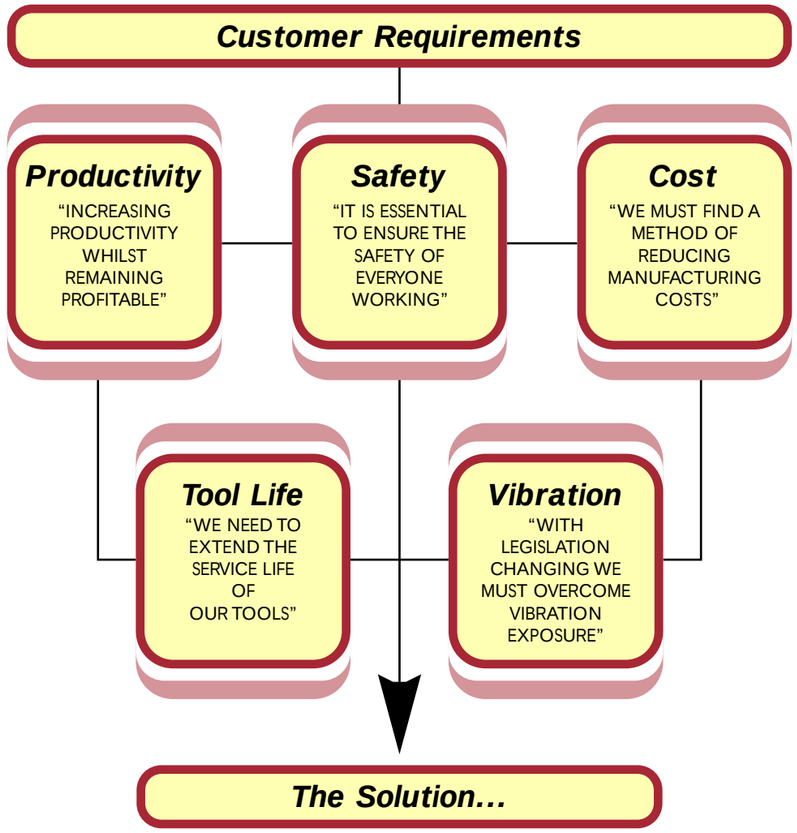
Why Procut?

In today's increasingly competitive working environment, new and previously unforeseen demands present themselves.

As Europe's only specialist manufacturer of Tungsten Carbide Burs, Procut guarantees unequalled levels of technical service and manufacturing excellence ensuring not only a supply of carbide burs, but a total solution to our customer's deburring problems.

Procut - Offering Real Solutions To Real Problems

Whatever your deburring concerns. Procut can offer the solution.

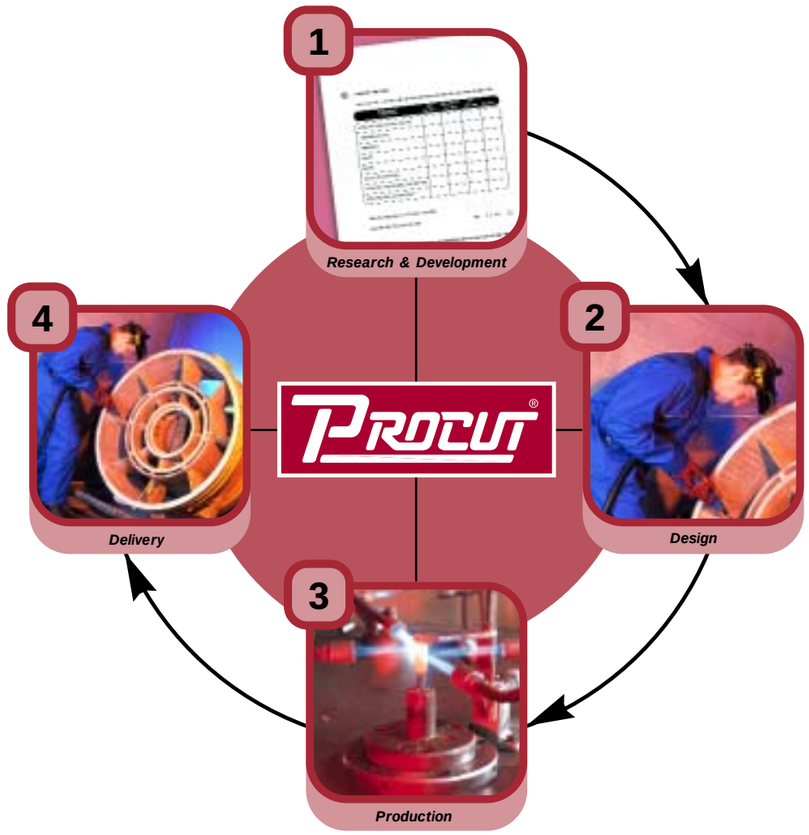


Our Guarantee To You

Certified to ISO9000, Procut is absolutely committed to being the World Leader in the manufacture of high quality Tungsten Carbide Burs.

At Procut we believe that supply is only one aspect of service.

The Procut experience guarantees excellence at every stage of the purchasing process.



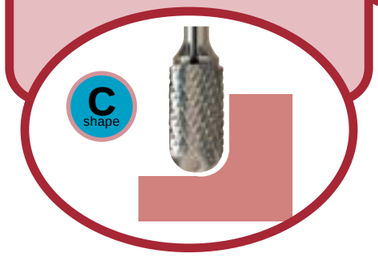
Excellence At Every Stage Of Supply

1. From initial enquiry, Procut's highly specialised staff will make certain that *your* choice of bur is suited to *your* specific application.
2. Procut's Research & Development department is totally committed to technical superiority, consistently developing new products to ensure customer satisfaction.
3. Unique manufacturing technology enables Procut to achieve consistency of quality and service.
4. Our after sales service is second to none. Procut will ensure your continued satisfaction by offering regular service to ensure we understand your changing needs.

Choosing the Perfect Procut Bur

STEP 1

Identify the most suitable bur shape to suit the application.



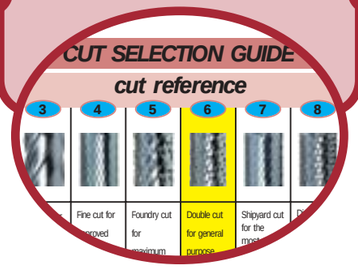
STEP 2

Choose size to suit the application, remembering that no more than 50% of the tooth diameter should be in contact with the workpiece.

Part No.	Head dia mm
C30211	2.4
C30312	3.0
C30612	6.35
C60618	6.0
C60820	8.0
C61020	9.6
C61125	11.0
C61220	12.5
C61220*	12.5

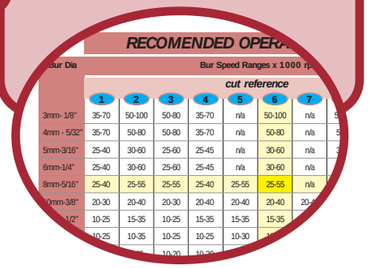
STEP 3

Identify correct type of cut to suit the material and requirements.



STEP 4

Ensure that bur selected will operate within the recommended speed range. Failure to comply may cause a safety hazard and may reduce performance of the bur.



CUT SELECTION GUIDE

cut reference

	1	2	3	4	5	6	7	8	9	10
	Coarse cut for metal removal and finishing applications on non-ferrous metal alloys.	Standard cut for general application.	Fast Mill cut for rapid stock removal of softer non-ferrous materials including plastics.	Fine cut for improved finish on all ferrous metals.	Foundry cut for maximum stock removal, rough edges and foundry applications.	Double cut for general purpose use. Improves control and reduces chips.	Shipyard cut for the most demanding applications. Greatly improves control whilst reducing vibration and prolonging life.	Diamond cut for hardest materials and best finishes.	Chipbreaker cut for fast stock removal. Improves control and surface finish.	Non-ferrous Shipyard cut offering prolonged life and reduced clogging.
Soft Non-Ferrous Metals			■							■
Carbon Steel		■				■	■		■	
Coarse Plastic	■									
Brass, Copper, Bronze	■		■							■
Cast Iron		■			■	■			■	
Magnesium Alloy				■						
High Strength Steel		■		■		■		■	■	
Stainless Steel		■				■				
Steel Castings		■			■	■	■		■	
Steel Welds		■				■	■		■	
Reinforced Plastic	■		■							■
Hard Rubber	■			■						
Titanium Alloy		■				■				
Zinc Alloy		■		■						
Fibre Glass Composite		■	■			■				■

Note: Special cut formations are available on request.

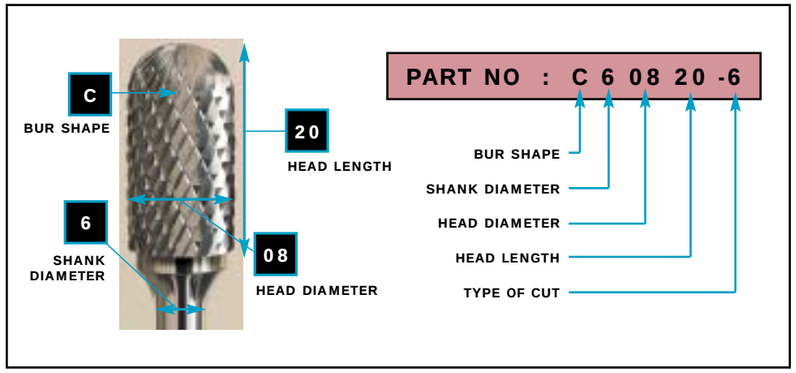
RECOMMENDED OPERATING SPEEDS

Bur Dia Bur Speed Ranges x 1000 rpm

cut reference

	1	2	3	4	5	6	7	8	9	10
3mm-1/8"	35-70	50-100		35-70		50-100		50-100	50-100	
4mm-5/32"	35-70	50-80		35-70		50-80		50-80	50-80	
5mm-3/16"	25-60	30-60		25-45		30-60		30-60	30-60	
6mm-1/4"	25-60	30-60	25-60	25-45		30-60		30-60	30-60	25-60
8mm-5/16"	25-40	25-55	25-55	25-40	25-55	25-55		25-55	25-55	25-55
10mm-3/8"	20-30	20-40	20-30	20-40	20-40	20-40	20-40	20-40	20-40	20-30
12mm-1/2"	10-25	15-35	10-25	15-35	15-35	15-35	15-35	15-35	15-35	10-25
15mm-5/8"	10-25	10-35	10-25	10-30	10-30	10-30	10-30	10-30	10-30	10-25
20mm-3/4"	10-20	6-25	10-20	10-20	6-25	6-25		6-25	6-25	10-20
25mm-1"	6-20	6-20		6-20		6-20		6-20	6-20	

KEY TO PROCUT CODES



Tungsten Carbide Burs

A shape

CYLINDER

Part No.	Head dia mm	Head length mm	Shank dia mm	O/A length	Construction		Cut Availability 1	2	3	4	5	6	7	8	9	10
A30211	2.4	11.0	3	38	SOLID			✓		✓		✓		✓	✓	
A30314	3.0	14.0	3	38	SOLID			✓		✓		✓		✓	✓	
A30605	6.35	4.7	3	44	BRAZED			✓		✓		✓		✓	✓	
A30612	6.35	12.7	3	51	BRAZED			✓		✓		✓		✓	✓	
A60618	6.0	18.0	6	50	SOLID		✓	✓	✓	✓		✓		✓	✓	✓
A60820	8.0	19.2	6	64	BRAZED		✓	✓	✓	✓		✓		✓	✓	✓
A61020	9.6	19.2	6	64	BRAZED		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A61125	11.0	25.4	6	70	BRAZED			✓		✓		✓		✓	✓	
A61220	12.5	19.2	6	64	BRAZED			✓		✓		✓		✓	✓	
A61225*	12.5	25.4	6*	70	BRAZED		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A61525*	15.8	25.4	6*	70	BRAZED		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A62025*	19.2	25.4	6*	70	BRAZED			✓	✓	✓		✓		✓	✓	✓
A62525*	25.4	25.4	6*	70	BRAZED			✓		✓		✓		✓	✓	

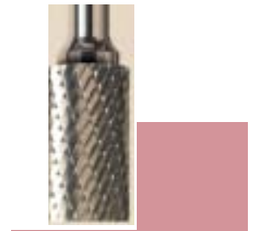
*All available with 8mm shanks

A/E shape

CYLINDER END CUT

Part No.	Head dia mm	Head length mm	Shank dia mm	O/A length	Construction		Cut Availability 1	2	3	4	5	6	7	8	9	10
A30211E	2.4	11.0	3	38	SOLID			✓		✓		✓		✓	✓	
A30314E	3.0	14.0	3	38	SOLID			✓		✓		✓		✓	✓	
A30605E	6.35	4.7	3	44	BRAZED			✓		✓		✓		✓	✓	
A30612E	6.35	12.7	3	51	BRAZED			✓		✓		✓		✓	✓	
A60618E	6.0	18.0	6	50	SOLID		✓	✓	✓	✓		✓		✓	✓	✓
A60820E	8.0	19.2	6	64	BRAZED		✓	✓	✓	✓		✓		✓	✓	✓
A61020E	9.6	19.2	6	64	BRAZED		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A61125E	11.0	25.4	6	70	BRAZED			✓		✓		✓		✓	✓	
A61220E	12.5	19.2	6	64	BRAZED			✓		✓		✓		✓	✓	
A61225E*	12.5	25.4	6*	70	BRAZED		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A61525E*	15.8	25.4	6*	70	BRAZED		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A62025E*	19.2	25.4	6*	70	BRAZED			✓	✓	✓		✓		✓	✓	✓
A62525E*	25.4	25.4	6*	70	BRAZED			✓		✓		✓		✓	✓	

*All available with 8mm shanks



C shape

BULL NOSE

Part No.	Head dia mm	Head length mm	Shank dia mm	O/A length	Construction		Cut Availability 1	2	3	4	5	6	7	8	9	10
C30211	2.4	11.0	3	38	SOLID			✓		✓		✓		✓	✓	
C30312	3.0	14.0	3	38	SOLID			✓		✓		✓		✓	✓	
C30612	6.35	12.7	3	51	BRAZED			✓		✓		✓		✓	✓	
C60618	6.0	18.0	6	50	SOLID		✓	✓	✓	✓		✓		✓	✓	✓
C60820	8.0	19.2	6	64	BRAZED		✓	✓	✓	✓		✓		✓	✓	✓
C61020	9.6	19.2	6	64	BRAZED		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
C61125	11.0	25.4	6	70	BRAZED			✓		✓		✓		✓	✓	
C61220	12.5	19.2	6	64	BRAZED			✓		✓		✓		✓	✓	
C61225*	12.5	25.4	6*	70	BRAZED		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
C61525*	15.8	25.4	6*	70	BRAZED		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
C62025*	19.2	25.4	6*	70	BRAZED			✓	✓	✓		✓		✓	✓	✓

*All available with 8mm shanks

D shape

BALL

Part No.	Head dia mm	Head length mm	Shank dia mm	O/A length	Construction		Cut Availability 1	2	3	4	5	6	7	8	9	10
D30202	2.4	2.0	3	38	SOLID			✓		✓		✓		✓	✓	
D30303	3.0	2.7	3	38	SOLID			✓		✓		✓		✓	✓	
D30404	4.8	4.0	3	38	SOLID			✓		✓		✓		✓	✓	
D30606	6.35	5.7	3	45	BRAZED			✓		✓		✓		✓	✓	
D60606	6.0	5.7	6	50	SOLID		✓	✓	✓	✓		✓		✓	✓	✓
D60808	8.0	7.0	6	52	BRAZED		✓	✓	✓	✓		✓		✓	✓	✓
D61010	9.6	8.5	6	54	BRAZED		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D61111	11.0	10.0	6	55	BRAZED			✓		✓		✓		✓	✓	
D61212*	12.5	11.4	6*	56	BRAZED		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D61515*	15.8	14.4	6*	59	BRAZED		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
D62020*	19.2	17.5	6*	62	BRAZED			✓	✓	✓		✓		✓	✓	✓
D62525*	25.4	23.5	6*	68	BRAZED			✓		✓		✓		✓	✓	

*All available with 8mm shanks

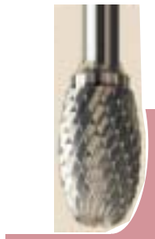
Tungsten Carbide Burs

E shape

OVAL

Part No.	Head dia mm	Head length mm	Shank dia mm	O/A length	Construction		Cut Availability 1	2	3	4	5	6	7	8	9	10
E30306	3.0	5.0	3	38	SOLID			✓		✓		✓		✓	✓	
E30610	6.35	9.6	3	49	BRAZED			✓		✓		✓		✓	✓	
E60610	6.0	10.0	6	50	SOLID		✓	✓		✓		✓		✓	✓	
E60815	8.0	15.0	6	60	BRAZED			✓		✓		✓		✓	✓	
E61015	9.6	15.8	6	60	BRAZED		✓	✓	✓	✓		✓		✓	✓	✓
E61220*	12.5	22.2	6*	67	BRAZED		✓	✓	✓	✓		✓		✓	✓	✓
E61525*	15.8	25.4	6*	70	BRAZED		✓	✓	✓	✓		✓		✓	✓	✓
E62025*	19.2	25.4	6*	70	BRAZED			✓		✓		✓		✓	✓	

*All available with 8mm shanks



F shape

ROUND TREE

Part No.	Head dia mm	Head length mm	Shank dia mm	O/A length	Construction		Cut Availability 1	2	3	4	5	6	7	8	9	10
F30308	3.0	8.0	3	38	SOLID			✓		✓		✓		✓	✓	
F30312	3.0	14.0	3	38	SOLID			✓		✓		✓		✓	✓	
F30612	6.35	12.7	3	51	BRAZED			✓		✓		✓		✓	✓	
F60618	6.0	18.0	6	50	SOLID		✓	✓	✓	✓		✓		✓	✓	✓
F60820	8.0	20.0	6	65	BRAZED		✓	✓	✓	✓		✓		✓	✓	✓
F61020	9.6	19.2	6	65	BRAZED		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
F61125	11.0	25.4	6	70	BRAZED			✓		✓		✓		✓	✓	
F61220	12.5	19.2	6	65	BRAZED			✓		✓		✓		✓	✓	
F61225*	12.5	25.4	6*	70	BRAZED		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
F61525*	15.8	25.4	6*	70	BRAZED		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
F62025*	19.2	25.4	6*	70	BRAZED			✓	✓	✓		✓		✓	✓	✓
F62032*	19.2	31.8	6*	77	BRAZED			✓		✓		✓		✓	✓	
F62038*	19.2	38.1	6*	83	BRAZED			✓		✓		✓		✓	✓	

*All available with 8mm shanks

G shape

POINTED TREE

Part No.	Head dia mm	Head length mm	Shank dia mm	O/A length	Construction		Cut Availability 1	2	3	4	5	6	7	8	9	10
G30306	3.0	6.0	3	38	SOLID			✓		✓		✓		✓	✓	
G30312	3.0	14.0	3	38	SOLID			✓		✓		✓		✓	✓	
G30612	6.35	12.7	3	51	BRAZED			✓		✓		✓		✓	✓	
G60618	6.0	18.0	6	50	SOLID		✓	✓		✓		✓		✓	✓	
G60820	8.0	19.2	6	65	BRAZED			✓		✓		✓		✓	✓	
G61020	9.6	19.2	6	65	BRAZED		✓	✓		✓		✓		✓	✓	
G61220	12.5	19.2	6	65	BRAZED			✓		✓		✓		✓	✓	
G61225*	12.5	25.4	6*	70	BRAZED		✓	✓		✓		✓	✓	✓	✓	
G61230*	12.0	30.0	6*	75	BRAZED			✓		✓		✓		✓	✓	
G61525*	15.8	25.4	6*	70	BRAZED		✓	✓		✓		✓		✓	✓	
G61530*	15.0	30.0	6*	75	BRAZED			✓		✓		✓		✓	✓	
G62025*	19.2	25.4	6*	70	BRAZED			✓		✓		✓		✓	✓	
G62032*	19.2	31.8	6*	77	BRAZED			✓		✓		✓		✓	✓	
G62038*	19.2	38.1	6*	83	BRAZED			✓		✓		✓		✓	✓	

*All available with 8mm shanks

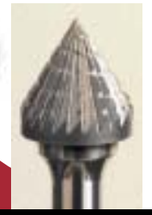
H shape

FLAME

Part No.	Head dia mm	Head length mm	Shank dia mm	O/A length	Construction		Cut Availability 1	2	3	4	5	6	7	8	9	10
H30306	3.0	6.0	3	38	SOLID			✓		✓		✓		✓	✓	
H60820	8.0	19.2	6	64	BRAZED		✓	✓		✓		✓		✓	✓	
H61232*	12.5	31.8	6*	77	BRAZED		✓	✓		✓		✓		✓	✓	
H61535*	15.8	36.5	6*	82	BRAZED			✓		✓		✓		✓	✓	
H62042*	19.2	41.2	6*	86	BRAZED			✓		✓		✓		✓	✓	

*All available with 8mm shanks

Tungsten Carbide Burs



J/K shape

COUNTER SINK 60°/90°

Part No.	Head dia mm	Head length mm	Shank dia mm	O/A length	Construction		Cut Availability 1	2	3	4	5	6	7	8	9	10
J30303 60°	3.0	3.0	3	38	SOLID			✓				✓			✓	
J60606 60°	6.0	6.0	6	50	SOLID			✓				✓			✓	
J61008 60°	9.6	8.0	6	56	BRAZED			✓				✓			✓	
J61210* 60°	12.5	10.8	6*	59	BRAZED			✓				✓			✓	
J61512* 60°	15.8	14.5	6*	62	BRAZED			✓				✓			✓	
J62018* 60°	19.2	17.3	6*	65	BRAZED			✓				✓			✓	
K30303 90°	3.0	3.0	3	38	SOLID			✓				✓			✓	
K60603 90°	6.0	3.0	6	50	SOLID			✓				✓			✓	
K61004 90°	9.6	4.3	6	53	BRAZED			✓				✓			✓	
K61206* 90°	12.5	6.8	6*	55	BRAZED			✓				✓			✓	
K61508* 90°	15.8	8.0	6*	57	BRAZED			✓				✓			✓	
K62012* 90°	19.2	12.0	6*	59	BRAZED			✓				✓			✓	

*All available with 8mm shanks

L shape

BALL NOSE CONE

Part No.	Head dia mm	Head length mm	Shank dia mm	O/A length	Construction		Cut Availability 1	2	3	4	5	6	7	8	9	10
L30310	3.0	10.0	3	38	SOLID			✓		✓		✓		✓	✓	
L30312	3.0	14.0	3	38	SOLID			✓		✓		✓		✓	✓	
L30612	6.35	15.8	3	55	BRAZED			✓		✓		✓		✓	✓	
L60618	6.0	18.0	6	50	SOLID		✓	✓	✓	✓		✓		✓	✓	✓
L60822	8.0	25.4	6	70	BRAZED			✓		✓		✓		✓	✓	
L61026	9.6	30.2	6	75	BRAZED		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L61228*	12.5	32.0	6*	77	BRAZED		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L61533*	15.8	33.3	6*	78	BRAZED		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
L62038*	19.2	41.3	6*	86	BRAZED			✓		✓		✓		✓	✓	

*All available with 8mm shanks

M shape

CONE

Part No.	Head dia mm	Head length mm	Shank dia mm	O/A length	Construction		Cut Availability 1	2	3	4	5	6	7	8	9	10
M30308	3.0	8.0	3	38	SOLID			✓		✓		✓		✓	✓	
M30311	3.0	11.0	3	38	SOLID			✓		✓		✓		✓	✓	
M30315	3.0	15.0	3	38	SOLID			✓		✓		✓		✓	✓	
M30612	6.35	15.8	3	55	BRAZED		✓	✓		✓		✓		✓	✓	
M60620	6.0	20.0	6	50	SOLID		✓	✓		✓		✓		✓	✓	
M61020	9.6	19.2	6	64	BRAZED		✓	✓		✓		✓		✓	✓	
M61222*	12.5	25.4	6*	70	BRAZED			✓		✓		✓		✓	✓	
M61525*	15.8	26.6	6*	76	BRAZED			✓		✓		✓		✓	✓	

*All available with 8mm shanks

N shape

INVERTED CONE

Part No.	Head dia mm	Head length mm	Shank dia mm	O/A length	Construction		Cut Availability 1	2	3	4	5	6	7	8	9	10
N30304	3.0	4.0	3	38	SOLID			✓				✓			✓	
N30606	6.35	6.35	3	45	BRAZED			✓				✓			✓	
N60606	6.0	8.0	6	50	SOLID			✓				✓			✓	
N61010	9.6	9.6	6	55	BRAZED			✓				✓			✓	
N61212*	12.5	12.7	6*	58	BRAZED			✓				✓			✓	
N61520*	15.8	19.2	6*	64	BRAZED			✓				✓			✓	
N62015*	19.2	15.8	6*	61	BRAZED			✓				✓			✓	

*All available with 8mm shanks

Extended Shank Range

'A' SHAPE CYLINDER

Part No.	Head dia mm	Head length mm	Shank dia mm	Overall length mm	Construction		Cut Availability 1	2	3	4	5	6	7	8	9	10
A30314-50	3.0	14.0	3	50	SOLID			✓		✓		✓		✓	✓	
A30314-75	3.0	14.0	3	75	SOLID			✓		✓		✓		✓	✓	
A30314-100	3.0	14.0	3	100	SOLID			✓		✓		✓		✓	✓	
A60618-100	6.0	18.0	6	100	SOLID			✓	✓			✓		✓	✓	
A60618-150	6.0	18.0	6	150	SOLID			✓	✓			✓		✓	✓	
A60820-170	8.0	19.2	6	170	BRAZED			✓	✓			✓		✓	✓	
A61020-170	9.6	19.2	6	170	BRAZED			✓	✓			✓		✓	✓	
A61225-175	12.5	25.4	6	175	BRAZED			✓	✓			✓		✓	✓	

All of the above also available with end cut

'C' SHAPE BULL NOSE

Part No.	Head dia mm	Head length mm	Shank dia mm	Overall length mm	Construction		Cut Availability 1	2	3	4	5	6	7	8	9	10
C30312-50	3.0	14.0	3	50	SOLID			✓		✓		✓		✓	✓	
C30312-75	3.0	14.0	3	75	SOLID			✓		✓		✓		✓	✓	
C30312-100	3.0	14.0	3	100	SOLID			✓		✓		✓		✓	✓	
C60618-100	6.0	18.0	6	100	SOLID			✓	✓			✓		✓	✓	
C60618-150	6.0	18.0	6	150	SOLID			✓	✓			✓		✓	✓	
C60820-170	8.0	19.2	6	170	BRAZED			✓	✓			✓		✓	✓	
C61020-170	9.6	19.2	6	170	BRAZED			✓	✓		✓	✓		✓	✓	
C61225-175	12.5	25.4	6	175	BRAZED			✓	✓		✓	✓		✓	✓	

'D' SHAPE BALL

Part No.	Head dia mm	Head length mm	Shank dia mm	Overall length mm	Construction		Cut Availability 1	2	3	4	5	6	7	8	9	10
D30303-50	3.0	2.7	3	50	SOLID			✓		✓		✓		✓	✓	
D30303-75	3.0	2.7	3	75	SOLID			✓		✓		✓		✓	✓	
D60808-180	8.0	7.0	6	180	BRAZED			✓				✓		✓	✓	
D61010-185	9.6	8.5	6	185	BRAZED			✓	✓			✓		✓	✓	
D61212-162	12.5	11.4	6	162	BRAZED			✓	✓			✓		✓	✓	

'F' SHAPE ROUND-TREE

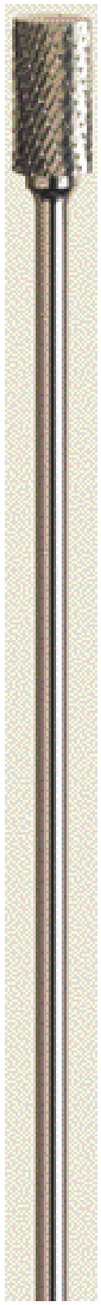
Part No.	Head dia mm	Head length mm	Shank dia mm	Overall length mm	Construction		Cut Availability 1	2	3	4	5	6	7	8	9	10
F30312-50	3.0	14.0	3	50	SOLID			✓		✓		✓		✓	✓	
F61020-170	9.6	19.2	6	170	BRAZED			✓	✓		✓	✓		✓	✓	
F61225-175	12.5	25.4	6	175	BRAZED			✓	✓		✓	✓		✓	✓	

'G' SHAPE POINTED TREE

Part No.	Head dia mm	Head length mm	Shank dia mm	Overall length mm	Construction		Cut Availability 1	2	3	4	5	6	7	8	9	10
G30312-50	3.0	14.0	3	50	SOLID			✓		✓		✓		✓	✓	
G30312-75	3.0	14.0	3	75	SOLID			✓		✓		✓		✓	✓	
G61020-170	9.6	19.2	6	170	BRAZED			✓				✓		✓	✓	
G61225-175	12.5	25.4	6	175	BRAZED			✓				✓		✓	✓	

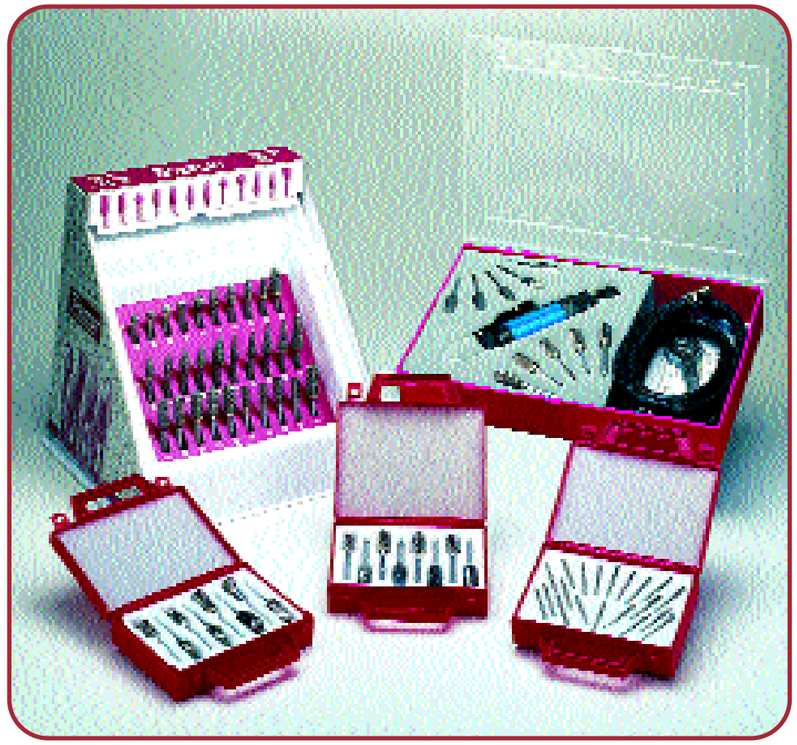
'L' SHAPE BALL-NOSE CONE

Part No.	Head dia mm	Head length mm	Shank dia mm	Overall length mm	Construction		Cut Availability 1	2	3	4	5	6	7	8	9	10
L61026-176	9.6	30.2	6	176	BRAZED			✓	✓			✓		✓	✓	
L61228-182	12.5	32.0	6	182	BRAZED			✓	✓			✓		✓	✓	



note

1. Maximum safe RPM dependent on application. Careful trials should be conducted. Contact Procut for assistance.
2. Always start operation with bur in contact with workpiece.



TUNGSTEN CARBIDE BUR SETS

Procut Ref	Contents
BS1	20 piece assorted 3mm solid carbide burs
BS1A	10 piece assorted 3mm solid carbide burs
BS2	8 piece assorted 6mm shank double cut burs
BS3	6 piece assorted 6mm shank double cut burs
BS4	4 piece assorted 12mm head / 6mm shank double cut burs
BS5	4 piece assorted 10mm head / 6mm shank double cut burs
BS8	4 piece assorted 12mm head / 6mm shank aluminium cut burs
BS9	6 piece assorted 10mm head / 6mm shank aluminium cut burs
T12	Propower model P25 Die Grinder c/w 10 pieces assorted 12mm dia head / 6mm shank cut 6 burs
BK1	30 piece counter display

note

Kits can be made to customer specification after consultation with Procut.

Let the Bur do the work. Excessive pressure will reduce tool RPM which will:

- Reduce cutting performance
- Reduce Bur life
- Reduce quality of surface finish
- Damage drive tool
- Increase operator exposure to vibration

Select optimum Bur shape and diameter.

It is important to note that 50% only of the Bur diameter should be in contact with the workpiece.

Never exceed maximum safety RPM. For optimum performance refer to speed selection guide (Page 5) please note.

Speed ranges shown are for guidance purposes only. For final determination testing should be conducted.

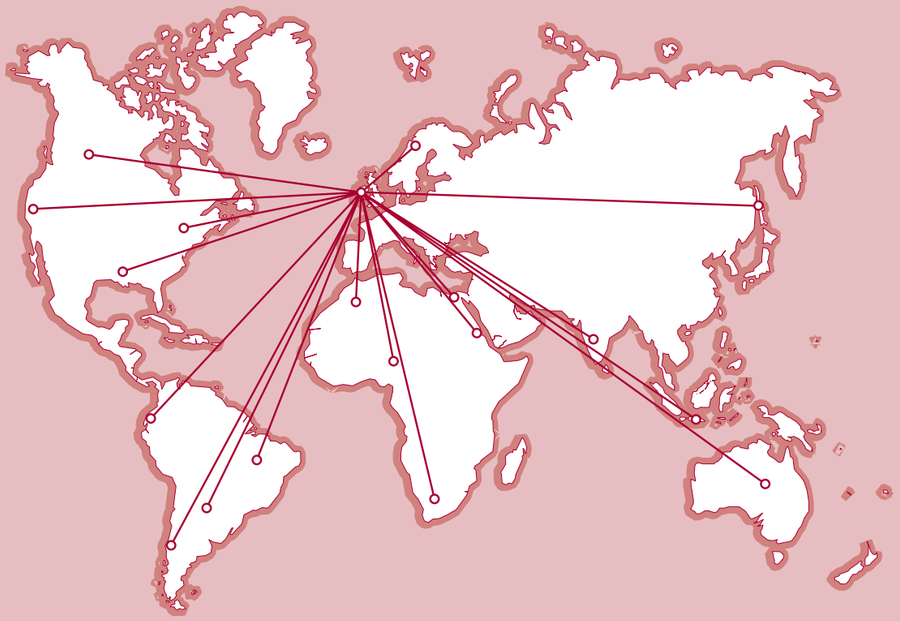
Generally lower speed range should be selected for harder materials and higher speed for softer materials.

Procut recommend that all burs are fitted in double slotted “Eriksson” style collets. Insert Bur shank fully into collet chuck and then withdraw by 3mm approx. This will enable collet to accurately hold Bur in position. The Bur must be securely fixed prior to starting drive tool. Any extension of overhang deemed necessary by the user will require recalculation of maximum RPM. The rule of thumb is to reduce speed by 50%. Careful trials should be conducted to ensure tool accuracy, optimum performance and safe use.

Excessive vibration and lack of control can be caused by:

- Misuse
- Incorrect Drive tool and bur combination
- Inadequate maintenance
- Incorrect selection of shape, diameter and cut
- Lack of training

Always use approved personal protection equipment.



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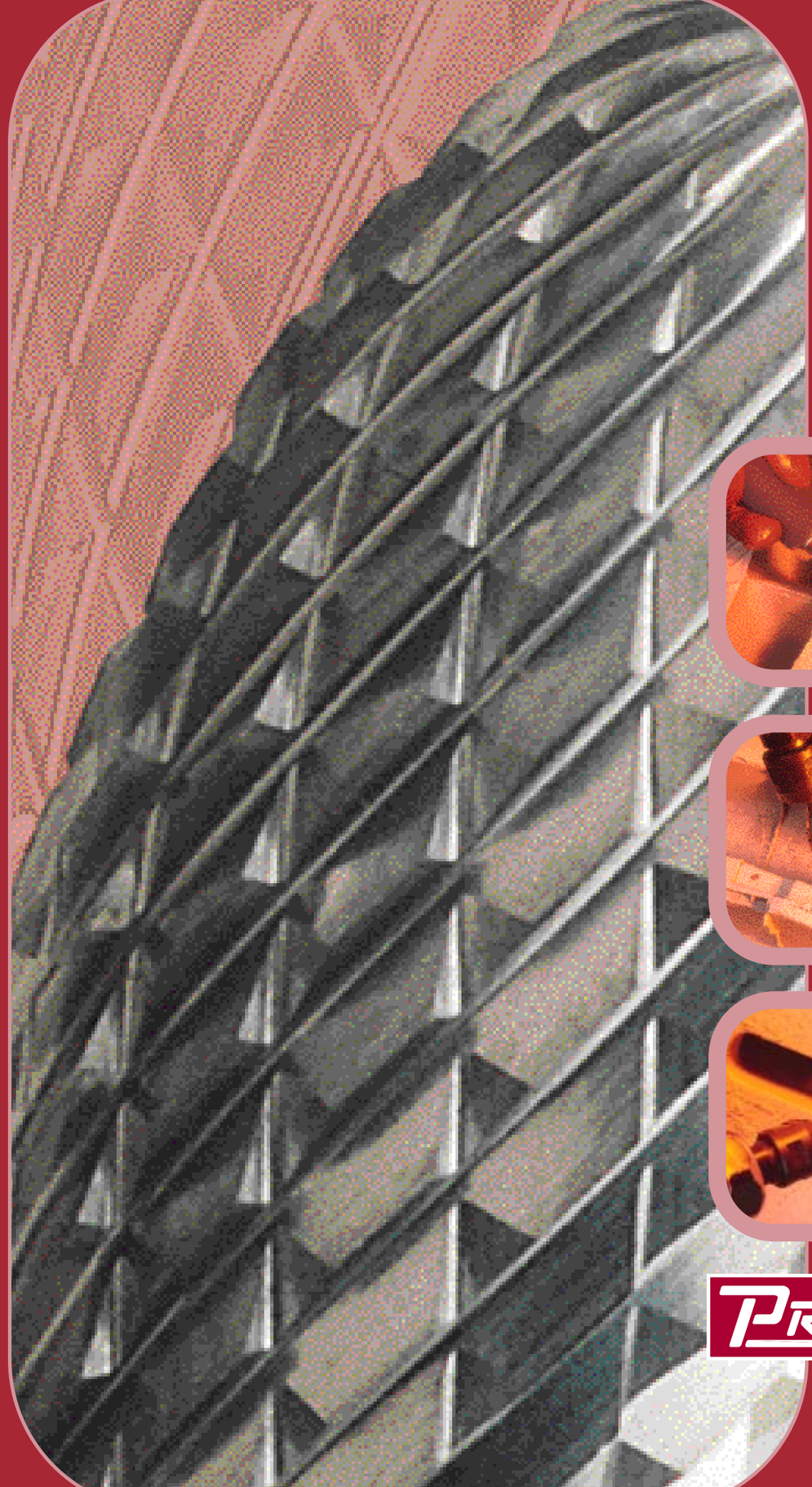

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