

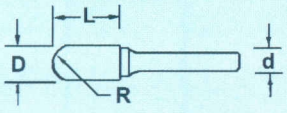






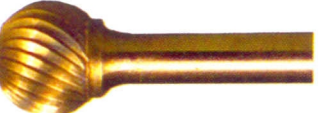


SHIBALLOY™








Tool Makers To The Nation

ISO 9001:2000

TUNGSTEN CARBIDE ROTARY BURRS

Shape Code	Shape 	Types of Cuts			Dimension (mm)			
		Standard Cut	Diamond Cut	Non-Ferrous (NF) Cut	Diameter D	Shank Dia. d	Edge Length L	Radius/ Angle R/θ
A	 CYLINDRICAL	A-1640	AD-16-2	-	16	8 / 6	25	-
		A-1224	AD-12-2	A 12NF	12	6	20	-
		A-1022	AD-10-2	A 10NF	10	6	20	-
		A-0820	AD-08-2	AD 08NF	8	6	20	-
		A-0616	AD-06-2	A 06NF	6	6	15	-
		A-0414	AD-04-2	-	4	6	15	-
		A-0312*	AD-03-2*	-	3 (1/8")	3 (1/8")	15	-
AE	 CYLINDRICAL- EDGE CUT	AE-1640	AE/D-16-2	-	16	6	25	-
		AE-1224	AE/D-12-2	-	12	6	20	-
		AE-1022	AE/D-10-2	-	10	6	20	-
		AE-0820	AE/D-08-2	-	8	6	20	-
		AE-0616	AE/D-06-2	-	6	6	15	-
		AE-0414	AE/D-04-2	-	4	6	15	-
		AE-0312*	AE/D-03-2*	-	3 (1/8")	3 (1/8")	15	-
B	 BALL NOSE CYLINDRICAL	B-1640	BD-16-2	-	16	6	25	8
		B-1224	BD-12-2	B 12NF	12	6	20	6
		B-1022	BD-10-2	B 10NF	10	6	20	5
		B-0820	BD-08-2	B 08NF	8	6	19	4
		B-0616	BD-06-2	B 06NF	6	6	15	3
		B-0414	BD-04-2	-	3	6	15	1.5
		B-0312*	BD-03-2*	-	3 (1/8")	3 (1/8")	15	1.5
CP	 TREE-POINTED (P)	CP-1640	-	-	16	6	30	-
		CP-1224	CPD-12-2	CP 12NF	12	6	25	-
		CP-1022	CPD-10-2	CP 10NF	10	6	20	-
		CP-0616	CPD-06-2	CP 06NF	6	6	20	-
		CP-0414	CPD-04-2	-	3	6	15	-
CP-0312*	CPD-03-2	-	3 (1/8")	3 (1/8")	15	-		
CR	 TREE RADIUS (R)	CR-1224	CRD-12-2	CR 12NF	12	6	25	3.3
		CR-1022	CRD-10-2	CR 10NF	10	6	20	2
		CR-0616	CRD-06-2	CR 06NF	6	6	15	2
D	 BALL NOSE CONE S-SHORT	D-1640	DD-16-2	-	16	6	30	3.5
		D-1224	DD-12-2	D 12NF	12	6	30	2.5
		DS-1224	DSD-12-2	-	12	6	20	2.5
		D-1022	DD-10-2	D 10NF	10	6	25	2
		DS-1022	DSD-10-2	-	10	6	20	2
		D-0616	DD-06-2	-	6	6	17	1
		D-0414	-	-	3	6	10	0.5
		D-0312*	-	-	3 (1/8")	3 (1/8")	10	0.5
E	 SPHERICAL / BALL	E-1640	ED-16-2	E 16NF	16	6	14.4	8
		E-1224	ED-12-2	E 12NF	12	6	10	6
		E-1022	ED-10-2	E 10NF	9.5	6	8	5
		E-0818	ED-08-2	E 08NF	8	6	7.2	4
		E-0616	ED-06-2	E 06NF	6	6	5.6	3
		E-0414	ED-04-2	-	4	3 (1/8")	3.3	2
		E-0312*	ED-03-2*	-	3 (1/8")	3 (1/8")	2	1.5

SPECIFY PART CODE NO. WHILE ORDERING

Shape Code	Shape	Standard Cut	Diamond Cut	Non-Ferrous (NF) Cut	Diameter D	Shank Dia. d	Edge Length L	Radius Angle R/θ
F	 FLAME	F-1224	FD-12-2	F 12NF	12	6	30	2.8
		F-0818	FD-08-2	F 08NF	8	6	16	2.5
G	 CONE 60°	G-1624	-	-	16	6	14.8	60°
		G-1224	-	-	12	6	15	60°
H	 CONE 90°	H-1624	-	-	16	6	13	90°
		H-1224	-	-	12	6	11	90°
K	 CONE	K-1220	KD-12-2	K 12NF	12	6	25	28°
		K-1020	KD-10-2	K 10NF	10	6	20	24°
		K-0818	KD-08-2	K 08NF	7.5	6	11	38°
		K-0616	KD-06-2	K 06NF	6	6	19	17°
		K-0312*	-	-	3	3	10	20°
N	 INVERTED TAPER E-EDGE CUT	N-0818	-	-	7.5	6	8	5°
		N-0616	-	-	6	6	8	5°
		NE-0818	-	-	7.5	6	8	5°
O	 OVAL	O-1224	OD-12-2	O 12NF	12	6	19	5.3
		O-0818	OD-08-2	-	8	6	12	3.3
		O-0616	OD-06-2	-	6	6	10	2.5
		O-0312*	OD-03-2*	-	3 (1/8")	3 (1/8")	5.5	1
T	 RIM E-EDGE CUT	T-2040	-	-	20	8/6	6	-
		T-1524	-	-	15	6	4	8
		T-1030	-	-	10	6	2	-
		TE-2040	-	-	20	8/6	6	-
		TE-1524	-	-	15	6	4	8
		TE-1030	-	-	10	6	2	-

* . SOLID CARBID (Standard Length 38mm, Available in 50mm & 75mm)
Standard shank length - 50mm, Extended Lengths of 75, 100, 150, 200, 250 mm available

For 1/4" and 1/8" shanks add (l) to the EDP No.

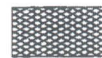
DESCRIPTION OF AVAILABLE CUTS

STANDARD CUT



Most popular cut for hardened and un-hardened materials. Widely used for cast iron, steel and some non-ferrous metals.

DIAMOND CUT



Recommended for hardened steels, stainless steels and exotic alloys. The resulting chip is pulverised into powder. Cutting rate is also increased.

NON-FERROUS (NF) CUT



Recommended for soft and light materials like aluminium, plastics, etc., which tend to clog the cutting edges of the burr.

OPTIONAL CUTS - for shorter chips, reduced chatter, fast stock removal or superb finish.

CHIP BREAKER CUT



DOUBLE CUT



COARSE CUT



FINE CUT



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BRANCHES

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Standard Tolerance Applicable.

Cat # IP 2009

Technical Specifications subject to change with design enhancement.

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