






TOTEM

Tungsten Carbide Rotary Burrs

Ref. number	Included Angle	Head Dia.	Head Length	Over All Length	Shank Dia.	No . Of Teeth	
Cylindrical							
	C1	4	14	50	6	14	
	C2	6	20	50	6	16	
	C3	8	19	65	6	18	
	C4	10	19	65	6	20	
	C5	12.70	19	65	6	24	
	C6	16	25	70	8	28	
	C7	12.70	14	60	6	24	
	C8	12.70	25	70	6	24	
	MC1	3	15.90	38	3	16	
	MC2	6.35	6.35	38	3	16	
	MC3	6.35	12.70	38	3	16	
	Cylindrical Radius End						
		B1	6	20	50	6	16
B2		8	19	65	6	18	
B3		10	19	65	6	20	
B4		12.70	19	65	6	24	
B5		16	25	70	8	28	
B6		12.70	25	70	6	24	
MB1		3	16	38	3	16	
MB2		6.35	12.70	38	3	16	
Tree Pointed End							
	T1	6	19	50	6	16	
	T2	10	19	65	6	20	
	T3	12.70	25	70	6	24	
	T4	16	32	77	8	28	
	MT1	3	16	38	3	14	
	MT2	3	10	38	3	14	
	MT3	6.35	12.70	38	3	16	
	MT4	3	8	38	3	14	

TOTEM Tungsten Carbide Rotary Burrs are manufactured for use in severe condition like on tough and hardened steels eg. Nimonic Steels, stainless Steels, Stellite, Hard Bronze etc. The burrs have positive cutting edges which can cut much faster. Extensive usage in die casting workshop, foundries, forge shops etc.





End Cut Burrs

For light head removal. Available only in cylindrical shape.





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Tree Radius End							
	TB1	6	19	65	6	16	
	TB2	10	19	65	6	20	
	TB3	12.70	25	70	6	24	
Conical							
	A1	17°	6	19	50	6	16
	A2	24°	10	20	65	6	20
	A3	28°	12.70	25	70	6	24
	A4	90°	9.50	9.50	65	6	20
	A5	90°	16	13	65	6	28
	A6	60°	16	16	65	6	28
	MA1	20°	3	8	38	3	14
	MA2	30°	6.35	10.50	38	3	16
	MA3	10°	3	8.50	38	3	14
	MA4	15°	6.35	8	38	3	16
Conical Radius End							
	K1	16°	9.50	19	65	6	20
	K2	24°	12.70	19	65	6	24
	K3	17°	16	33	80	8	28
	MK1	10°	3	8	38	3	14
	MK2	10°	6.35	12.70	38	3	16
Oval							
	O1		8	12	50	6	18
	O2		12.70	19	65	6	24
	O3		16	25	70	8	28
	O4		6.35	10	50	6	16
	M01		3	8	38	3	14
	M02		6.35	9.50	36	3	16

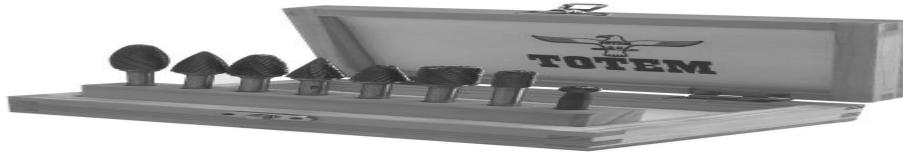
Deburring Hard Materials




When standard cutters like Cylindrical, Ball nose, Conical cutters are used on hard material like High Speed Steel, Nimonic, Stainless or Titanium Steel, there is a possibility of long chips coming off the cutters, the TOTEM range provides two kind of Burrs to tackle this problem.

Supreme Burrs

In this, a helix is cut on the burrs to break the continuity of the teeth edge. The universal cut is suitable for working on all ferrous / non-ferrous metals, including Stainless Steel. Reduced vibration, efficient chip breakage safeguarding the operator and better control of Cutters during working gives a good surface finish.





Ref. number	Included Angle	Head Dia.	Head Length	Over All Length	Shank Dia.	No . Of Teeth
Rim Shape						
	R1	9.50	2	50	6	20
	R2	19	6	50	8	40
	R3	12.70	10	60	6	24
Ball Shape						
	S1	6.35		50	6	16
	S2	10		50	6	18
	S3	12.70		60	6	20
	S4	9.50		60	6	24
	S5	16		60	6	28
	MS1	16		38	3	14
Flame Shape						
	F3	8	19	65	6	18
	F4	12.70	32	80	6	24

∞ 1/4" diameter also available.

∞ Extra long also available on request.



Assorted set of 8 Burrs	
∞ C8	- Cylindrical
∞ B6	- Cylindrical with radius end
∞ T3	- Tree shape pointed end
∞ TB3	- Tree shape radius end
∞ A3	- Conical shape pointed end
∞ K2	- Conical shape radius end
∞ S4	- Ball shape
∞ F4	- Flame shape

Deluxe Burrs

These are recommended for high alloy steels, Inox, Magnesium Alloy, Grey Cast Iron, Cr Ni Steels and Fiber reinforced Plastics. This type of cut give a considerable material removal capacity vis a vis standard cut and avoids formation of chips, pulverising the removed material, thus giving good finish and making it safe for the operator.





TOTEM

Typical Applications on Various Shapes



Cylindrical
for edge demurring



Conical
for get demurring



Ball Nose Cylindrical
for welded shoulder dressing



Tree, Rim
for dressing of dies



Counter Sinking
for large hole demurring



Spherical
for welded shoulder dressing

TOTEM Tungsten Carbide Rotary Burrs are diamond-lapped from a special grade of Tungsten Carbide and designed to produce high stock removal rates with proportionate long life. Correctly used, they are highly efficient and significantly more long lasting than equivalent emery wheels.

Advantages :

Cuts grinding time to half

The area of contact is smaller and the high cutting power removes more stock.

Work on hardened steel

Ideal to work on materials of up to about 65 HRC.

Outlasts several emery wheels

In general, one burr does the job of fifty small emery wheels.

Gives sufficient finish

With prolonged "sparking out time" a mirror - like finish can be obtained on some materials.

Saves your machines from wear

No emery dust or harmful coolant that may destroy the bearing and other sensitive parts of your machine.

TOTEM Tungsten Carbide Rotary Burrs are made available in various shapes to suit user requirement.