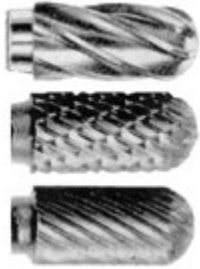


# Burrs & Rotary Files

## Tooth Type





- A** Course Cut (Alm.-brass-etc.)      Top
- B** Double Cut (finer-less slinters      Middle
- C** Standard Cut (general purpose)      Lower

- H-S**      High Speed Steel
- Carbide**      Carbide High Strength Material

**Std.** Shanks are 1.5"- 2" long & 1/4" dia. unless noted



### 84500 Series Extended Shank Burrs In Red

Head Type		Size		Tooth Type	Shank	Material
<b>Cylinder</b>						
84002	8.30	1/8 x 1/2		C	Std.	Carbide
84004	9.10	1/8 x 1/2	end cut	C	Std	Carbide
84010	12.10	1/4 x 3/4		C	Std.	Carbide
84012	12.70	1/4 x 3/4	end cut	C	Std. Ä	Carbide
84020	12.10	3/8 x 3/4		C	Std.	Carbide
84031	10.95	7/16 x 1		B	Std	H-S
84037	7.95	1/2 x 1		C	Std. Ä	H-S
84039	11.60	1/2 x 1	end cut	B	Std. Ä	H-S
84047	23.95	1 x 1		C	Std. Ä	H-S
84048	55.70	1 x 1		C	Std. Ä	Carbide
<b>Cylinder Ball End</b>						
84054	10.95	3/16 x 5/8		C	Std.	Carbide
84074	14.95	3/8 x 3/4		C	Std	Carbide
84574	29.95	3/8 x 3/4		C	6 in.	Carbide
84575	29.95	3/8 x 3/4		B	6 in.	Carbide
84576	39.95	3/8 x 3/4		A	6 in.	Carbide
84087	13.95	1/2 x 1		C	Std. Ä	H-S
84588	39.95	1/2 x 1		C	6 in.	Carbide
84590	44.95	1/2 x 1		A	6 in.	Carbide
84592	48.95	5/8 x 1		A	6 in.	Carbide

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**Tree Pointed**



84137	10.96	1/2 x 3/4	C	Std.	Ä	H-S
84139	7.95	1/2 x 3/4	C	Std.	Ä	H-S
84147	44.90	1-1/8 x 2-1/16	C	Std.	Ä	H-S
84148	89.70	1-1/8 x 2-1/16	C	Std.	Ä	Carbide

**Tree Ball End**



84534	29.95	3/8 x 3/4	C	6 in.		Carbide
84536	39.95	3/8 x 3/4	A	6 in.		Carbide
84546	39.95	1/2 x 1	C	6 in.		Carbide
84547	41.95	1/2 x 1-1/8	A	6 in.		Carbide
84548	44.95	5/8 x 1	A	6 in.		Carbide

**Cone Ball End**



84228	19.80	3/8 x 1-1/16	C	Std.		Carbide
84230	29.95	3/8 x 1-1/16	A	Std.		Carbide
84242	59.90	5/8 x 1-1/2	A	Std.		Carbide
84244	42.95	5/8 x 1-1/2	C	Std.		Carbide

**Cone**



84262	10.95	1/4 x 5/8	C	Std.		Carbide
84265	5.95	1/4 x 1	B	Std.		H-S
84266	13.95	1/4 x 1-1/4	C	Std.		Carbide
84283	9.95	1/2 x 1	C	Std.		H-S
84284	22.95	1/2 x 1	C	Std.		Carbide

**Cone 60° Included**



84308	13.10	3/8	C	Std.		Carbide
84311	9.70	1/2	C	Std.		H-S
84312	15.10	1/2	C	Std.		Carbide
84316	29.30	3/4	C	Std.		Carbide

**Cone 90° Included**



84332	15.10	1/2	C	Std.		Carbide
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**Inverted Cone**



84343	12.60	3/4 x 5/8	C	Std.		H-S
84344	34.80	3/4 x 5/8	C	Std.		Carbide

**Flame**



84556	39.95	3/8 x 3/4	B	6 in.		Carbide
84558	46.95	3/8 x 3/4	A	6 in.		Carbide
84383	7.95	1/2 x 1-1/8	C	Std.	Ä	H-S

**Oval or Egg**



84564	29.95	3/8 x 5/8	B	6 in.		Carbide
84566	39.95	3/8 x 5/8	A	6 in.		Carbide

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84568	34.95	1/2 x 7/8	B	6 in.	Carbide
84570	43.22	1/2 x 7/8	A	6 in.	Carbide
84435	7.95	1/2 x 5/8	C	Std.	Ä H-S
84440	22.90	1/2 x 7/8	C	Std.	Carbide
84441	10.95	1/2 x 1	C	Std.	H-S
84572	36.95	5/8 x 1	B	6 in.	Carbide

**Ball**



84471	7.95	5/16	C	Std	H-S
84472	10.30	5/16	C	Std.	Carbide
84474	12.10	11/32	B	Std.	Ä Carbide
84476	12.95	3/8	B	Std	Carbide
84582	26.95	3/8	C	6 in.	Carbide
84584	39.95	3/8	A	6 in.	Carbide
84491	9.95	1/2	C	Std.	Ä H-S
84492	15.30	1/2	B	Std.	Carbide



**Countersinks**

86020	13.95	3/4 - 82° - 1/4 Shank
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