

Green Piranha - grinding wheels

T-27 Depressed Center Grinding Wheels



Save time, save money. The Green Piranha eats metal faster than any other grinding wheel.

High Performance Proprietary Grain - Long Life & VERY FAST CUTTING

Unique Bonding & Wheel Design - Less chatter, smoother and quieter grinding action with more control.

SIZE DIA. x ARBOR	GRADE	STD. PKG.	ITEM NO.	LIST EACH
4-1/2 x 7/8	36-CZ	5	88103-5	\$ 8.50
		25	88103	\$ 8.31
	46-CZ	5	88104-5	\$ 8.50
		25	88104	\$ 8.31
4-1/2 x 5/8-11	36-CZ	5	88106-5	\$ 10.96
		10	88106	\$ 10.77
	46-CZ	5	88107-5	\$ 10.96
		10	88107	\$ 10.77
7 x 7/8	36-CZ	5	88115-5	\$ 12.98
		25	88115	\$ 12.79
7 x 5/8-11	36-CZ	5	88118-5	\$ 15.52
		10	88118	\$ 15.33

GRADE	FEATURE
36-CZ	For extremely rapid stock removal on all metals - even aluminum (without clogging)
46-CZ	For fast stock removal on aluminum - will leave a medium finish, without clogging

Works great on all metals

Stainless Steel	Titanium
Mild Steel	Inconel
Hard Face	Aluminum

Virtually Iron Free: contains only 0.035% iron, with less than 0.1% chlorine and sulfur.

Polishing Compounds

Polishing Compounds are used with our felt polishing products. They provide up to a mirror finish. The peel away tubes provide clean handling and permanent identification. Conveniently color coded.

Compound Tubes

Size: 1" x 5"

Min. Pkg. 1 Tube

COMPOUND NAME	COLOR	ITEM NO.	LIST EACH
Chrome Rouge	Green	58400	\$ 6.71
Jewelers Rouge	Red	58401	\$ 7.98
Stainless	Gray	58402	\$ 6.15
White Rouge	White	58403	\$ 5.74
Tripoli	Brown	58404	\$ 4.49
Emery	Black	58405	\$ 5.08

Item numbers in **Bold Italics** are popular stock items



Chrome Rouge: Brilliantly finishes all metals particularly ferrous metals. Excellent for final coloring of any material.

Jewelers Rouge: Finest Abrasive. A premium composition for the finest finish on non-ferrous metals such as brass, copper, gold, silver and other precious metals.

Stainless: General purpose composition. Good cut & color. Restores the natural luster of ferrous metals such as stainless. For cutting down and coloring stainless and other steels, chromium and nickel plate, plastics. Fast cutting and good coloring.

White Rouge: Will not discolor. Clean & Greaseless. Restores a natural luster to non-ferrous metals such as aluminum. Can also be used on plastics. Removes scratches and produces a brilliant high-gloss finish.

Tripoli: Removes surface imperfections from all base metals and plastics. Used for general cutting and preliminary coloring operations. Excellent on brass plating and aluminum, pewter, etc. Mild cutting action and good coloring.

Emery: Most aggressive, approaching that of a flexible grinding wheel. Coarse buffing, removes scratches, rust, corrosion and burrs from iron, steel and other hard metals.

Preferred Abrasives, Inc.
800.729.5702

Reinforced Cut-Off Wheels

Aluminum Oxide: AO general purpose, designed for use on small portable die grinders. Externally reinforced fiberglass construction.

ALL CUT OFF WHEELS ARE
"MADE IN THE USA"

Type 1 Straight

SIZE DIA. x THICK. x AH	STD. PKG.	MAX RPM	GRADE	ITEM NO.	LIST EACH
3 x 1/32 x 1/4	50	25,000	A60T	87721	\$1.05
3 x 1/16 x 1/4	50	25,000	A46T	87722	\$1.05
3 x 1/8 x 1/4	40	25,000	A36T	87724	\$1.38
3 x 1/32 x 3/8	50	25,000	A60T	87725	\$1.05
3 x 1/16 x 3/8	50	25,000	A46T	87726	\$1.05
3 x 1/8 x 3/8	40	25,000	A36T	87729	\$1.38
4 x 1/32 x 1/4	50	19,000	A60T	87738	\$1.74
4 x 1/16 x 1/4	50	19,000	A46T	87739	\$1.74
4 x 1/8 x 1/4	40	19,000	A36T	87741	\$1.89
4 x 1/32 x 3/8	50	19,000	A60T	87742	\$1.74
4 x 1/16 x 3/8	50	19,000	A46T	87743	\$1.74
4 x 1/8 x 3/8	40	19,000	A36T	87746	\$1.89



Straight = Type 1 & Depressed Center = Type 27

SIZE DIA. x THICK. x AH	TYPE	STD. PKG.	MAX RPM	GRADE	ITEM NO.	LIST EACH
4-1/2 x .045 x 7/8	T-1	50	13,300	A60T	87770	\$2.41
	T-27	50	13,300	A60T	87770-27	\$2.99
6 x .045 x 7/8	T-1	50	10,500	A60T	87781	\$3.09
	T-27	50	10,500	A60T	87781-27	\$3.33



Zirconia Alumina: ZA high performance, externally reinforced fiberglass construction. Designed to provide a fast cut with long life. Excellent for stainless steel and high tensile alloys.

Type 1 Straight

SIZE DIA. x THICK. x AH	STD. PKG.	MAX RPM	GRADE	ITEM NO.	LIST EACH
3 x 1/32 x 1/4	100	25,000	Z60T	87721-Z	\$2.11
3 x 1/16 x 1/4	50	25,000	Z46T	87722-Z	\$2.18
3 x 1/32 x 3/8	100	25,000	Z60T	87725-Z	\$2.11
3 x 1/16 x 3/8	50	25,000	Z46T	87726-Z	\$2.18
4 x 1/32 x 3/8	100	19,000	Z60T	87742-Z	\$3.67
4 x 1/16 x 3/8	50	19,000	Z46T	87743-Z	\$3.71



Mandrels for Small Cut-Off Wheels

MANDREL DESCRIPTION	STD. PKG.	FITS HOLE	SHANK DIA.	ITEM NO.	LIST EACH
A-100 3-Pc. Combo	1	1/4 or 3/8	1/4" *	50690	\$5.47
A-100 1/4 Pilot	1	1/4"	1/4" *	50690-1	\$5.09
A-100 3/8 Pilot	1	3/8"	1/4" *	50690-2	\$5.09



* Also available with 3/8" shanks.

CAUTION: These mandrels should not be used on wheels larger than 4" diameter.

Item numbers in ***Bold Italics*** are popular stock items. Most other item numbers available in 3-5 days.

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Cone and Plug Wheels

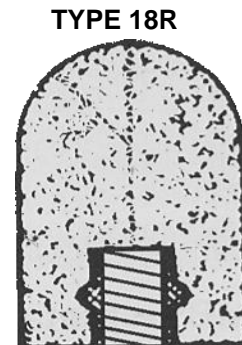
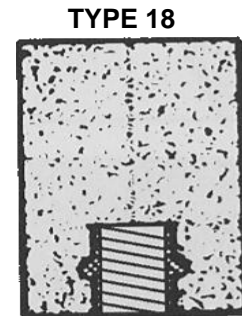
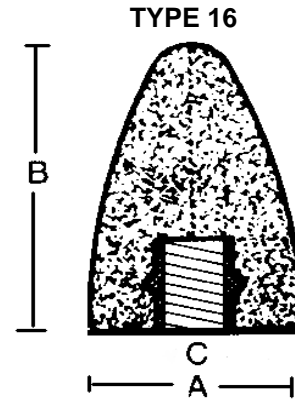
AO General Purpose: Resin Bond Cone & Plug Wheels

Cone and Plug wheels are ideal for removing excess weld seams, smoothing rough castings and removing parting lines. All wheels have threaded metal inserts.

Std. Pkg. 10



SIZE		C BORE	GRIT	ITEM NO.	LIST EACH
A DIA.	B LENGTH				
TYPE 16 CONE					
1-1/2	2-1/2	5/8-11	20	87005	\$ 6.02
1-1/2	2-1/2	3/8-24	24	87010	\$ 6.02
1-1/2	3	3/8-24	16	87015	\$ 6.57
1-1/2	3	5/8-11	16	87020	\$ 6.57
1-1/2	3	3/8-24	24	87025	\$ 6.57
1-1/2	3	5/8-11	24	87030	\$ 6.57
1-3/4	3	5/8-11	16	87035	\$ 7.23
1-3/4	3	5/8-11	24	87040	\$ 7.23
2	3	5/8-11	16	87045	\$ 7.23
2	3	5/8-11	24	87050	\$ 7.23
2-3/4	3-1/2	5/8-11	16	87055	\$ 10.89
2-3/4	3-1/2	5/8-11	24	87060	\$ 10.89
TYPE 18 PLUG					
1-1/2	2-1/2	3/8-24	16	87070	\$ 5.12
1-1/2	2-1/2	5/8-11	16	87075	\$ 5.12
1-1/2	2-1/2	3/8-24	20	87080	\$ 5.12
1-1/2	2-1/2	5/8-11	24	87085	\$ 5.12
1-1/2	3	3/8-24	16	87090	\$ 5.72
1-1/2	3	5/8-11	16	87095	\$ 5.72
1-1/2	3	3/8-24	24	87100	\$ 5.72
1-1/2	3	5/8-11	24	87105	\$ 5.72
2	2	3/8-24	20	87110	\$ 4.51
2	2	5/8-11	20	87115	\$ 4.51
2	3	5/8-11	16	87120	\$ 6.30
2	3	5/8-11	24	87125	\$ 6.30
3	3	5/8-11	16	87135	\$ 8.66
TYPE 18R PLUG					
1-1/2	2-1/2	3/8-24	16	87145	\$ 6.02
1-1/2	2-1/2	5/8-11	16	87150	\$ 6.02
1-1/2	2-1/2	5/8-11	24	87155	\$ 6.02
1-1/2	3	3/8-24	16	87160	\$ 6.57
1-1/2	3	5/8-11	16	87165	\$ 6.57
1-1/2	3	3/8-24	24	87170	\$ 6.57
1-1/2	3	5/8-11	24	87175	\$ 6.57
2	3	5/8-11	16	87180	\$ 7.23
2	3	5/8-11	24	87185	\$ 7.23
2	4	5/8-11	16	87186	\$ 9.71
2-3/4	3-1/2	5/8-11	16	87190	\$ 10.89
2-3/4	3-1/2	5/8-11	24	87195	\$ 10.89
3	3	5/8-11	16	87200	\$ 9.56
3	3	5/8-11	24	87205	\$ 9.56



Other sizes, grits and shapes are also available. Zirconium Blends are also available.

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Vitrified Mounted Points

Burnt Orange

Burnt Orange: The most common mounted point.

Blue: Harder than Orange or White.

White: Softest of the stock grades.

General purpose stock removal / light deburring

General deburring & other heavy duty uses

Good for stock removal of harder steels

25 Pc. Min. Per Item

Part numbers shown below are for Burnt Orange.

SIZE	ITEM NO.	LIST EACH
A1	80010	\$ 3.43
A2	80025	\$ 2.07
A3	80040	\$ 3.70
A4	80055	\$ 2.34
A5	80070	\$ 1.98
A6	80085	\$ 1.98
A11	80100	\$ 2.52
A12	80115	\$ 1.98
A13	80130	\$ 2.34
A14	80145	\$ 1.49
A15	80160	\$ 1.89
A21	80175	\$ 1.62
A22	80190	\$ 1.44
A23	80205	\$ 1.49
A24	80220	\$ 1.35
A25	80235	\$ 1.62
A26	80250	\$ 1.44
A31	80265	\$ 1.98
A32	80280	\$ 1.49
A33	80295	\$ 1.44
A34	80310	\$ 1.71
A35	80325	\$ 1.44
A36	80340	\$ 1.98
A37	80355	\$ 1.49
A38	80370	\$ 1.35
A39	80385	\$ 1.13
A40	80400	\$ 1.44

B41	80415	\$ 1.44
B42	80430	\$ 1.35
B43	80445	\$ 1.26
B44	80460	\$ 1.26
B45	80475	\$ 1.26
B46	80490	\$ 1.26
B47	80505	\$ 1.13
B51	80520	\$ 1.35
B52	80535	\$ 1.35
B53	80550	\$ 1.35
B54	80565	\$ 1.26

SIZE	ITEM NO.	LIST EACH
B55	80580	\$ 1.13
B61	80595	\$ 1.35
B62	80610	\$ 1.26
B63	80625	\$ 1.13
B64	80640	\$ 1.13
B65	80655	\$ 1.13
B70	80670	\$ 1.26
B71	80685	\$ 1.26
B72	80700	\$ 1.13
B73	80715	\$ 1.13
B74	80730	\$ 1.13
B81	80745	\$ 1.26
B82	80760	\$ 1.13
B83	80775	\$ 1.13
B84	80790	\$ 1.13
B90	80805	\$ 1.26
B91	80820	\$ 1.35
B92	80835	\$ 1.13
B93	80850	\$ 1.13
B94	80865	\$ 1.13
B95	80880	\$ 1.13
B96	80895	\$ 1.13
B97	80910	\$ 1.26
B98	80925	\$ 1.13
B101	80940	\$ 1.44
B102	80955	\$ 1.35
B103	80970	\$ 1.26
B104	80985	\$ 1.26
B105	81000	\$ 1.13
B106	81015	\$ 1.13
B111	81030	\$ 1.35
B112	81045	\$ 1.26
B113	81060	\$ 1.13
B114	81075	\$ 1.26
B115	81090	\$ 1.13
B121	81105	\$ 1.26
B122	81120	\$ 1.26
B123	81135	\$ 1.13
B124	81150	\$ 1.13
B125	81165	\$ 1.17

SIZE	ITEM NO.	LIST EACH
B131	81180	\$ 1.13
B132	81195	\$ 0.99
B133	81210	\$ 0.99
B134	81225	\$ 0.99
B135	81240	\$ 0.99
B136	81255	\$ 0.99

W141	81270	\$ 0.90
W142	81285	\$ 0.90
W143	81300	\$ 0.90
W144	81315	\$ 0.90
W145	81330	\$ 0.99
W146	81345	\$ 0.99
W149	81360	\$ 0.90
W151	81375	\$ 0.90
W152	81390	\$ 0.90
W153	81405	\$ 0.99
W154	81420	\$ 0.99
W157	81435	\$ 0.90
W158	81450	\$ 0.90
W159	81465	\$ 0.90
W160	81480	\$ 0.90
W161	81495	\$ 0.99
W162	81510	\$ 0.99
W163	81525	\$ 0.99
W164	81540	\$ 1.04
W165	81555	\$ 0.90
W166	81570	\$ 0.90
W167	81585	\$ 0.90
W168	81600	\$ 0.99
W169	81615	\$ 0.99
W170	81630	\$ 0.99
W171	81645	\$ 1.04
W172	81660	\$ 0.90
W173	81675	\$ 0.90
W174	81690	\$ 0.90
W175	81705	\$ 0.99
W176	81720	\$ 0.99
W176*	81735	\$ 0.99

SIZE	ITEM NO.	LIST EACH
W177	81750	\$ 1.04
W177*	81765	\$ 1.04
W178	81780	\$ 1.13
W178*	81795	\$ 1.13
W179	81810	\$ 1.44
W181	81825	\$ 0.90
W182	81840	\$ 0.90
W183	81855	\$ 0.90
W184	81870	\$ 0.99
W184*	81885	\$ 0.99
W185	81900	\$ 0.99
W185*	81915	\$ 0.99
W186	81930	\$ 1.04
W186*	81945	\$ 1.04
W187	81960	\$ 1.13
W187*	81975	\$ 1.13
W188	81990	\$ 1.71
W189	82005	\$ 2.16
W190	82020	\$ 0.99
W191	82035	\$ 0.99
W192	82050	\$ 0.99
W192*	82065	\$ 0.99
W193	82080	\$ 1.04
W193*	82095	\$ 1.04
W194	82110	\$ 1.04
W194*	82125	\$ 1.04
W195	82140	\$ 1.13
W195*	82155	\$ 1.13
W196	82170	\$ 1.26
W197	82185	\$ 2.25
W198	82200	\$ 2.79
W199	82215	\$ 0.99
W200	82230	\$ 0.99
W201	82245	\$ 0.99
W202	82260	\$ 1.04
W202*	82275	\$ 1.04
W203	82290	\$ 1.04
W203*	82305	\$ 1.04
W204	82320	\$ 1.13
W204*	82335	\$ 1.13

SIZE	ITEM NO.	LIST EACH
W205	82350	\$ 1.26
W206	82365	\$ 1.49
W207	82380	\$ 1.80
W208	82395	\$ 2.25
W209	82410	\$ 2.79
W210	82425	\$ 1.04
W211	82440	\$ 1.04
W212	82455	\$ 1.04
W212*	82470	\$ 1.04
W213	82485	\$ 1.13
W213*	82500	\$ 1.13
W214	82515	\$ 1.04
W214*	82530	\$ 1.04
W215	82545	\$ 1.04
W215*	82560	\$ 1.04
W216	82575	\$ 1.04
W216*	82590	\$ 1.04
W217	82605	\$ 1.13
W218	82620	\$ 1.13
W219	82635	\$ 1.26
W220	82650	\$ 1.35
W221	82665	\$ 1.89
W222	82680	\$ 2.34
W223	82695	\$ 2.89
W225	82710	\$ 1.26
W226	82725	\$ 1.35
W227	82740	\$ 1.35
W228	82755	\$ 1.44
W229	82770	\$ 1.62
W230	82785	\$ 1.89
W231	82800	\$ 2.25
W232	82815	\$ 2.79
W235	82830	\$ 1.35
W236	82845	\$ 1.44
W237	82860	\$ 1.71
W238	82875	\$ 2.34
W239	82890	\$ 2.89
W242	82905	\$ 2.16
W243	82920	\$ 2.89
W244	82935	\$ 3.61

* = 1/4" Shank

Shape	Attributes
"A" Shapes	Come in a variety of shapes. All have 1/4" shanks
"B" Shapes	Come in a variety of shapes. All have 1/8" shanks
"W" Shapes	All are cylindrical. Available with 1/8" or 1/4" shanks

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