



Cubitron™ 3
Performance Abrasives

Grinding & Cut-Off Wheels



Produce more. With less.

3M™ Cubitron™ 3 Grinding & Cut-Off Wheels feature 3M Precision-Shaped Ceramic Grain, which cuts faster and lasts longer than conventional grain. Designed for everyday high performance, helping you to reduce your manufacturing costs without compromising on performance.



Lasts longer



Cuts faster



Cuts cooler

A new era of heavy grinding and cutting:
3M™ Cubitron™ 3
Performance Abrasives.



Our grinding & cut-off wheels have evolved.



Launched in 2012, this was the first range of cutting and grinding products using 3M's precision-shaped triangular grain abrasives. This range has now been replaced by our latest and best offering.



Significantly raising the benchmark for cut rate and product life in heavy grinding and cutting applications.

Up to
3X
Longer
lasting

Responding to industry requirements for better product productivity, worker safety and sustainability, 3M has developed abrasive wheel technologies that make grinding & cut-off wheels work even faster and last even longer than our current best performing range. Performance is so good compared to existing 3M™ Cubitron™ II Performance Abrasives that we've established a new generation of products called 3M™ Cubitron™ 3 Performance Abrasives.

Elevated
experience

To maximize simplicity and value to our customers, the current 3M™ Cubitron™ II Grinding & Cut-Off Wheel range will be discontinued and replaced by 3M™ Cubitron™ 3 Performance Abrasives. Customers will benefit from a wider product choice, better performance and optimized sustainability with no change in list price.

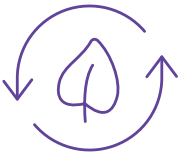
3M™ Cubitron™ 3 Depressed Center Grinding Wheels



3M™ Cubitron™ 3 Cut-Off Wheels

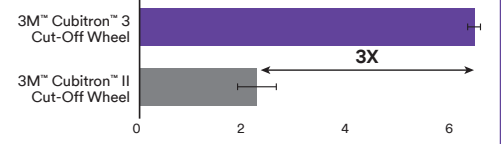


Designed to provide high cut rates and long life to help reduce cost.

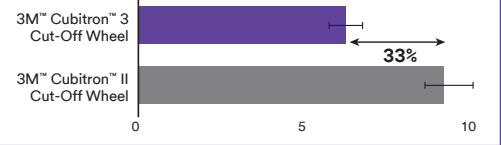


Performance enhancing packaging
When cut-off wheels are properly protected from atmospheric moisture, product life can be extended.
All 3M™ Cubitron™ 3 Cut-Off Wheels will come in re-sealable, moisture resistant bags.

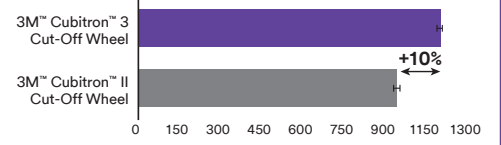
3X Longer life³



33% Less hand-arm vibration³



10% Faster cut³



Results are based on an automated cutting of a 3mm thick 304 stainless steel sheet. Cut-off wheel geometry is 125mm x 1.6mm x 22mm mounted on a 1.5 hp angle grinder with an applied force of 9 lbs. Cut speed is defined by time needed to cut 1 meter of stainless steel. The number of cuts is estimated by the amount of wheel that was used after cutting a distance of 1 meter. End of life is assumed to be 50% of initial wheel mass.

Re-shaping the way work gets done.



Our latest 3M Precision-Shaped Grain

We've re-engineered precision-shaped ceramic triangular grain using proprietary breakthroughs in **molecular bonding technology**.

3M Precision-Shaped Grain

3M pioneered the first precision-shaped grain using 3M microreplication technology to form consistent sharp peaks that easily "slice" through metal—cutting cooler, faster, and lasting longer than conventional abrasive grain.

Conventional ceramic abrasive

Conventional ceramic abrasive grain tends to "plow" through metal, causing heat to build up in the workpiece and abrasive, resulting in a slower cut and shorter abrasive life compared to our latest precision-shaped grain.

Grinding Reinvented!



Grinding Wheels



ITEM NO.	TYPE	DIA INCHES	THICK-NESS	ARBOR	MIN SELL	MAX RPM	UOM: WH x BOX/CASE QUANTITY				
							10 / 20	40	80	120	200
480300	27 (Depressed)	4"	1/4"	3/8 Hole	20	15300	\$11.10	\$10.54	\$10.03	\$9.57	\$9.15
480303	27 (Depressed)	4	1/4	5/8 Hole	10	15300	11.10	10.54	10.03	9.57	9.15
480306	27 (Depressed)	4-1/2	1/4	7/8 Hole	10	13300	9.37	8.89	8.46	8.07	7.72
480309	27 (Depressed)	5	1/4	7/8 Hole	10	12250	13.30	12.63	12.02	11.47	10.96
480312	27 (Depressed)	6	1/4	7/8 Hole	20	10200	10.14	9.63	9.16	8.74	8.36
480315	27 (Depressed)	7	1/4	7/8 Hole	20	8500	17.02	16.15	15.38	14.67	14.02
480321	27 (Depressed)	4-1/2	1/4	5/8-11 Hub	10	13300	10.58	10.04	9.56	9.12	8.72
480324	27 (Depressed)	5	1/4	5/8-11 Hub	20	12250	13.58	12.89	12.27	11.70	11.19
480327	27 (Depressed)	6	1/4	5/8-11 Hub	10	10200	16.81	15.96	15.19	14.49	13.85
480330	27 (Depressed)	7	1/4	5/8-11 Hub	10	8500	18.16	17.24	16.41	15.66	14.97
							10	40	80	120	150
480318	27 (Depressed)	9"	1/4	7/8 Hole	20	6650	\$18.70	\$17.75	\$16.90	\$16.12	-
480333	27 (Depressed)	9	1/4	5/8-11 Hub	10	6650	23.85	22.65	21.56	20.56	-



Cut-Off Wheels



ITEM NO.	TYPE	DIA INCHES	THICK-NESS	ARBOR	MIN SELL	MAX RPM	UOM: WH x BOX/CASE QUANTITY				
							10/ 25	100	200	300	500
480250	27 (Depressed)	4-1/2"	.045"	7/8 Hole	25	13300	\$4.96	\$4.71	\$4.48	\$4.27	\$4.09
480253	27 (Depressed)	4-1/2	.125	7/8 Hole	50	13300	8.90	8.45	8.05	7.68	-
480256	27 (Depressed)	5	.045	7/8 Hole	50	12250	5.03	4.77	4.54	4.33	4.14
480259	27 (Depressed)	5	.090	7/8 Hole	50	12250	5.81	5.52	5.25	5.01	-
480262	27 (Depressed)	6	.045	7/8 Hole	25	10200	6.04	5.73	5.46	5.21	4.98
480265	27 (Depressed)	7	.09	7/8 Hole	50	8500	13.19	12.52	11.92	11.37	-
480268	27 (Depressed)	4-1/2	.045	5/8-11 Hub	50	13300	7.08	6.73	6.40	6.11	-
480271	27 (Depressed)	4-1/2	.090	5/8-11 Hub	50	13300	7.55	7.17	6.82	6.51	-
480274	27 (Depressed)	4-1/2	.125	5/8-11 Hub	50	13300	9.50	9.02	8.58	8.19	-
480277	27 (Depressed)	6	.045	5/8-11 Hub	50	10200	8.90	8.45	8.04	7.67	-
480200	1 (Flat)	3	.035	1/4 Hole	50	25465	4.33	4.11	3.92	3.74	-
480203	1 (Flat)	3	.035	3/8 Hole	25	25465	4.33	4.11	3.92	3.74	-
480206	1 (Flat)	3	.060	3/8 Hole	50	25465	5.33	5.06	4.82	4.60	-
480209	1 (Flat)	4	.035	3/8 Hole	50	19100	6.98	6.63	6.31	6.02	-
480212	1 (Flat)	4	.060	3/8 Hole	50	19100	7.68	7.29	6.94	6.62	-
480215	1 (Flat)	4	.125	3/8 Hole	50	19100	9.99	9.49	9.03	8.61	-
480218	1 (Flat)	4-1/2	.045	7/8 Hole	25	13300	4.67	4.44	4.22	4.03	3.85
480221	1 (Flat)	5	.045	7/8 Hole	50	12250	4.09	3.88	3.70	3.53	-
480224	1 (Flat)	6	.045	7/8 Hole	25	10200	5.31	5.04	4.79	4.57	4.37
480227	1 (Flat)	7	.045	7/8 Hole	50	8500	7.36	6.99	6.65	6.34	-



Flap Discs

ITEM NO.	TYPE	DIA INCHES	GRIT	ARBOR	MAX RPM	UOM: WH x BOX QUANTITY				
						10	40	80	120	240
480070	27 (Flat)	4-1/2"	40	7/8 Round Hole	13300	\$7.61	\$7.22	\$6.88	\$6.56	\$6.27
480073	27 (Flat)	4-1/2	60	7/8 Round Hole	13300	7.61	7.22	6.88	6.56	6.27
480076	27 (Flat)	4-1/2	80	7/8 Round Hole	13300	7.61	7.22	6.88	6.56	6.27
480088	27 (Flat)	4-1/2	40	5/8-11 Hub	13300	10.05	9.54	9.08	8.67	8.28
480091	27 (Flat)	4-1/2	60	5/8-11 Hub	13300	9.41	8.94	8.51	8.11	7.76
480094	27 (Flat)	4-1/2	80	5/8-11 Hub	13300	8.22	7.80	7.42	7.08	6.77
						5	20	40	60	120
480079	27 (Flat)	7	40	7/8 Round Hole	8600	13.94	13.24	12.60	12.02	11.49
480082	27 (Flat)	7	60	7/8 Round Hole	8600	13.94	13.24	12.60	12.02	11.49
480085	27 (Flat)	7	80	7/8 Round Hole	8600	13.94	13.24	12.60	12.02	11.49
480097	27 (Flat)	7	40	5/8-11 Hub	8600	19.71	18.71	17.81	16.99	16.25
480100	27 (Flat)	7	60	5/8-11 Hub	8600	19.71	18.71	17.81	16.99	16.25
480103	27 (Flat)	7	80	5/8-11 Hub	8600	6.72	6.38	6.07	5.79	5.54
						10	40	80	120	240
480106	29 (Conical)	4-1/2	40	7/8 Round Hole	13300	6.64	6.31	6.00	5.73	5.47
480109	29 (Conical)	4-1/2	60	7/8 Round Hole	13300	6.64	6.31	6.00	5.73	5.47
480112	29 (Conical)	4-1/2	80	7/8 Round Hole	13300	6.64	6.31	6.00	5.73	5.47
480124	29 (Conical)	4-1/2	40	5/8-11 Hub	13300	8.22	7.80	7.42	7.08	6.77
480127	29 (Conical)	4-1/2	60	5/8-11 Hub	13300	8.22	7.80	7.42	7.08	6.77
480130	29 (Conical)	4-1/2	80	5/8-11 Hub	13300	8.22	7.80	7.42	7.08	6.77
						5	20	40	60	120
480115	29 (Conical)	7	40	7/8 Round Hole	8600	13.94	13.24	12.60	12.02	11.49
480118	29 (Conical)	7	60	7/8 Round Hole	8600	13.94	13.24	12.60	12.02	11.49
480121	29 (Conical)	7	80	7/8 Round Hole	8600	13.94	13.24	12.60	12.02	11.49
480133	29 (Conical)	7	40	5/8-11 Hub	8600	16.02	15.21	14.47	13.81	13.20
480136	29 (Conical)	7	60	5/8-11 Hub	8600	19.71	18.71	17.81	16.99	16.25
480139	29 (Conical)	7	80	5/8-11 Hub	8600	19.71	18.71	17.81	16.99	16.25

High Density Flap Discs

ITEM NO.	TYPE	DIA INCHES	GRIT	ARBOR	MAX RPM	UOM: WH x BOX QUANTITY				
						10	40	80	120	240
480010	27 (Flat)	4-1/2	40	7/8 Round Hole	13300	\$7.67	\$7.29	\$6.93	\$6.62	\$6.33
480013	27 (Flat)	4-1/2	60	7/8 Round Hole	13300	7.67	7.29	6.93	6.62	6.33
480016	27 (Flat)	4-1/2	80	7/8 Round Hole	13300	7.38	7.01	6.67	6.36	6.08

GIANT Flap Discs

ITEM NO.	TYPE	DIA INCHES	GRIT	ARBOR	MAX RPM	UOM: WH x BOX QUANTITY				
						10	40	80	120	240
480040	27 (Flat)	4-1/2	40	7/8 Round Hole	13300	\$9.64	\$9.15	\$8.71	\$8.31	\$7.95
480043	27 (Flat)	4-1/2	60	7/8 Round Hole	13300	9.79	9.30	8.85	8.44	8.07
480046	27 (Flat)	4-1/2	80	7/8 Round Hole	13300	7.28	6.91	6.58	6.27	6.00



WALTER HP Grinding Wheels

ITEM NO.	TYPE	DIA INCHES	THICK-NESS	ARBOR	MIN SELL	MAX RPM	UOM: WH x CASE QUANTITY				
							25	50	100	200	400
480400		3"	1/4"	3/8 Hole	25	20000	\$5.30	\$5.01	\$4.76	\$4.52	
480403		4	1/4	3/8 Hole	25	15300	5.30	5.01	4.76	4.52	
480406		4	1/4	5/8 Hole	25	15300	5.30	5.01	4.76	4.52	
480409		4-1/2	1/4	7/8 Hole	25	13300	4.90	4.64	4.40	4.18	
480412		5	1/4	7/8 Hole	25	12200	5.30	5.01	4.76	4.52	
480415		6	1/4	7/8 Hole	25	10200	7.34	6.95	6.59	6.27	
480418		7	1/4	7/8 Hole	25	8600	8.87	8.39	7.96	7.57	
480421		9	1/4	7/8 Hole	25	6600	13.77	13.03	12.36	11.76	
							10 / 20	40	80	200	400
480430		4-1/2	1/4	5/8-11 Hub	20	13300	\$4.90	\$4.64	\$4.40	\$4.18	
480433		4-1/2	1/4	5/8-11 METAL	10	13300	8.67	8.20	7.78	7.40	
480436		5	1/4	5/8-11 Hub	20	12200	5.30	5.01	4.76	4.52	
480439		5	1/4	5/8-11 METAL	10	12200	8.93	8.45	8.01	7.62	
480442		6	1/4	5/8-11 Hub	20	10200	8.06	7.62	7.23	6.88	
480445		7	1/4	5/8-11 METAL	10	8600	11.73	11.09	10.53	10.01	
480448		9	1/4	5/8-11 METAL	10	6600	16.31	15.43	14.64	13.93	



WALTER XCAVATOR XX Grinding Wheels

ITEM NO.	TYPE	DIA INCHES	THICKNESS	ARBOR	MIN SELL	MAX RPM	UOM: WH x CASE QUANTITY			
							10	40	80	120
480360		4-1/2	1/4	7/8 Hole	10	13300	\$9.89	\$9.35	\$8.87	\$8.44
480363		5	1/4	7/8 Hole	10	12250	11.21	10.61	10.06	9.57
480366		6	1/4	7/8 Hole	10	10200	14.29	13.51	12.82	12.20
480369		7	1/4	7/8 Hole	10	8600	16.83	15.92	15.10	14.37
480372		9	1/4	7/8 Hole	10	6650	21.41	20.26	19.22	18.28
480380		4-1/2	1/4	5/8-11 Hub	10	13300	14.29	13.51	12.82	12.20
480383		6	1/4	5/8-11 Hub	10	10200	22.44	21.23	20.14	19.16
480386		7	1/4	5/8-11 Hub	10	8600	24.99	23.64	22.42	21.33
480389		9	1/4	5/8-11 Hub	10		35.19	33.28	31.58	30.04



Grinding Wheels

ITEM NO.	TYPE	DIA INCHES	THICK-NESS	ARBOR	MAX RPM	UOM: WH x CASE QUANTITY			
						20	40	100	200
481010	27 (Depressed)	4-1/2	1/4"	7/8" Round Hole	13580	\$2.77	\$2.62	\$2.48	\$2.36
481030	27 (Depressed)	4-1/2	1/4	5/8-11 Hub	13580	3.86	3.65	3.46	3.28



Cut-Off Wheels

ITEM NO.	TYPE	DIA INCHES	THICK-NESS	ARBOR	MAX RPM	UOM: WH x CASE QUANTITY			
						20	100	200	300
481150	1 (Flat)	4-1/2"	.040"	7/8" Round Hole	13580	\$1.84	\$1.74	\$1.65	\$1.57

BIG CAT® Flap Discs

- High density flap disc yields 30 – 40% longer life than standard flap discs.
- BIG CAT offers widest footprint in the industry – resulting in better conformation to curved and irregular surfaces.
- Phenolic backing.



ITEM NO.	TYPE	DIA INCHES	GRIT	ARBOR	MAX RPM	UOM: WH x BOX QUANTITY			
						10	40	80	120
481300	27 (Flat)	4-1/2	40	7/8" Round Hole	13000	\$9.99	\$9.44	\$8.94	\$8.49
481303	27 (Flat)	4-1/2	60	7/8" Round Hole	13000	9.99	9.44	8.94	8.49
481306	27 (Flat)	4-1/2	80	7/8" Round Hole	13000	8.91	8.42	7.97	7.58
481309	27 (Flat)	4-1/2	120	7/8" Round Hole	13000	10.11	9.55	9.04	8.59
481312	27 (Flat)	4-1/2	40	5/8-11 Hub	13000	11.02	10.41	9.86	9.37
481315	27 (Flat)	4-1/2	60	5/8-11 Hub	13000	11.02	10.41	9.86	9.37
481318	27 (Flat)	4-1/2	80	5/8-11 Hub	13000	11.02	10.41	9.86	9.37



TIGER PAW™ Flap Discs

- 100% Zirconia Alumina grain for Long Life and Superior Grain Retention.
- Aggressive action and long life for heavy-duty applications on steel and stainless.
- Phenolic backing.



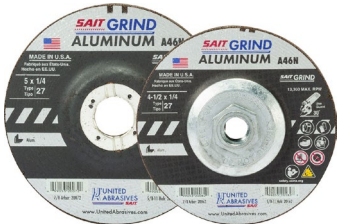
ITEM NO.	TYPE	DIA INCHES	GRIT	ARBOR	MAX RPM	UOM: WH x BOX QUANTITY			
						10	40	80	120
481350	27 (Flat)	4-1/2	40	7/8" Round Hole	13000	\$5.56	\$5.25	\$5.25	\$4.73
481353	29 (Angled)	4-1/2	40	7/8" Round Hole	13000	5.63	5.31	5.03	4.78
481356	29 (Angled)	4-1/2	60	7/8" Round Hole	13000	5.63	5.31	5.03	4.78
481359	29 (Angled)	4-1/2	80	7/8" Round Hole	13000	5.63	5.31	5.03	4.78
481362	29 (Angled)	7	40	7/8" Round Hole	8600	13.18	12.44	11.79	11.20
481365	29 (Angled)	7	60	7/8" Round Hole	8600	13.02	12.30	11.65	11.07





A46N Aluminum Grinding Wheels

- A46N aluminum grinding wheel for non-ferrous metals such as aluminum, copper, brass etc.
- Aluminum oxide formulation prevents loading on soft [non-ferrous] metals.
- Soft bond for aggressive removal of material without loading.



ITEM NO.	TYPE	DIA INCHES	THICK-NESS	ARBOR	MAX RPM	MIN SELL	UOM: WH x BOX QUANTITY			
							10 / 25	50	100	200
480600	27 (Depressed)	4-1/2	1/4"	7/8" Round Hole	13300	25	\$7.34	\$6.93	\$6.57	\$6.24
480603	27 (Depressed)	4-1/2"	1/4"	5/8-11 Hub	13300	10	9.51	8.99	8.51	8.09

A46N Aluminum Cut-Off Wheels

- off wheel for non-ferrous metals such as aluminum, copper, brass etc.
- Aluminum oxide formulation prevents loading on soft [non-ferrous] metals.
- Soft bond for aggressive cutting without loading.



ITEM NO.	TYPE	DIA. INCHES	THICK-NESS	ARBOR	MAX. RPM	UOM: WH x CASE QUANTITY			
						50	100	200	300
480640	27 (Depressed)	4-1/2"	.045"	7/8" Round Hole	13300	\$3.06	\$2.89	\$2.74	\$2.60
480643	1 (Flat)	4-1/2"	.045"	7/8" Round Hole	13300	2.82	2.67	2.53	2.40

Shop Rolls

- Aluminum oxide grain on high quality DA-F material for high flexibility.
- Medium tensile strength.
- Used primarily for hand applications on ferrous and non-ferrous metal, wood and fiberglass etc.



ITEM NO.	SIZE	GRIT	PRICE PER ROLL			
			1	5	10	20
484010	1-1/2" x 10 yds	60	\$11.71	\$11.06	\$10.47	\$9.95
484013	1-1/2" x 10 yds	80	10.47	9.89	9.37	8.90
484016	1-1/2" x 10 yds	120	9.88	9.33	8.84	8.40
484019	1-1/2" x 10 yds	180	9.88	9.33	8.84	8.40
484030	1" x 50 yds	60	31.43	29.68	28.12	26.71
484033	1" x 50 yds	80	27.56	26.03	24.66	23.43
484036	1" x 50 yds	100	26.12	24.67	23.37	22.20
484039	1" x 50 yds	120	26.12	24.67	23.37	22.20
484042	1" x 50 yds	150	26.12	24.67	23.37	22.20
484045	1" x 50 yds	180	26.12	24.67	23.37	22.20
484048	1" x 50 yds	220	26.12	24.67	23.37	22.20
484051	1" x 50 yds	240	26.12	24.67	23.37	22.20
484054	1" x 50 yds	320	26.12	24.67	23.37	22.20
484057	1" x 50 yds	400	26.12	24.67	23.37	22.20
484070	1-1/2" x 50 yds	120	38.13	36.01	34.12	32.41
484090	2" x 50 yds	150	50.09	47.31	44.82	42.58

METALMAX™ Diamond Cutoff Wheel

- METALMAX™ - an alternative to abrasive cut-off wheels.
- Excellent diameter retention.
- Solid steel body that greatly reduces the risk of breakage.
- Less odor and dust residue.
- Diamond edge technology.
- Recommended for multiple metals, including steel, sheet metal, stainless steel, rebar, cast iron, aluminum and non-ferrous metals.



ITEM NO.	DIA. INCHES	THICK-NESS	ARBOR	Optional Arbor Adjustment	Power Tool Type	PRICE EACH			
						1	5	10	20
482400	1.5"	.050"	3/8"	1/4"	Die Grinder	\$19.79	\$18.69	\$17.71	\$16.83
482403	2"	.050"	3/8"	1/4"	Die Grinder	12.99	12.33	11.73	11.20
482406	3"	.050"	3/8"	1/4"	Die Grinder	16.66	15.74	14.91	14.16
482409	4"	.050"	3/8"	1/4"	Die Grinder	20.85	19.69	18.66	17.73
482412	4"	.050"	5/8"	1/4"	Angle Grinder	15.34	14.49	13.72	13.04
482415	4.5"	.050"	7/8"		Angle Grinder	15.63	14.76	13.99	13.29
482418	5"	.050"	7/8"		Angle Grinder	20.85	19.69	18.66	17.73
482421	6"	.050"	7/8"	Diamond Knockout	A-Grind/Circ Saw	28.59	27.00	25.58	24.30
						1	3	6	12
482424	7"	.060"	7/8"	Diamond Knockout	A-Grind/Circ Saw	35.44	33.47	31.71	30.13
482427	8"	.060"	5/8"	Diamond Knockout	Circular Saw	37.18	35.11	33.26	31.60
482430	10"	.100"	5/8"		Stationary/Sm Chop Saw	89.54	84.57	80.12	76.11
482433	12"	.130"	1"		Chop Saw	97.84	92.40	87.54	83.16
482436	14"	.130"	1"		Chop Saw	113.12	106.92	101.36	96.36
482439	12"	.150"	1"	20mm	Gas Saw	81.25	77.14	73.42	70.05
482442	14"	.150"	1"	20mm	Gas Saw	113.12	106.92	101.36	96.36

Tungsten Carbide Tipped Saw Blades

- Features a micro grain cobalt binder with a small amount of titanium for added cutting life, ground to very exact tolerances for optimum performance and tool life.
- These ferrous and nonferrous metal cutting blades cut with fewer burrs and less heat than abrasive blades, so there is no need for secondary finish grinding.
- The modified triple chip grind resists material buildup on the tooth, allowing for longer life between resharpenings.



ITEM NO.	DESCRIPTION	1	5	10	20
482220	7-1/4" 36-tooth, 5/8" arbor *	\$24.50	\$23.18	\$21.99	\$20.91
482223	8" 48-tooth, 5/8" arbor *	33.60	31.78	30.15	28.68
	* Diamond arbor	1	3	6	12
482226	9" 48-tooth, 1" arbor	39.85	37.84	36.01	34.36
482229	10" 80-tooth, 5/8" arbor	60.04	56.80	53.88	51.26
482232	12" 100-tooth, 1" arbor	83.99	79.73	75.89	72.40
482235	14" 120-tooth, 1" arbor	109.51	103.96	98.95	94.40



Wire Cup Brushes

- 2-3/4" diameter cup brushes with 5/8-11 hub.
- Wire material is carbon steel on the first two items and stainless steel on the last item.



ITEM NO.	DESCRIPTION	1	10	20	40
485106	Wire size .014"	\$15.95	\$15.06	\$14.27	\$13.56
485109	Wire size .020"	15.78	14.90	14.12	13.41
485150	STAINLESS STEEL .020"	24.78	23.40	22.17	21.06

STEEL WORKER® Carbide-Tipped Metal Cutting Saw Blades

- Cool cutting action with long life.
- Fast, burr free cutting on heavier gauge metals.
- Use for angle iron, rebar, steel plate, channel iron, pipe, threaded rod, C-channel, and other ferrous metals.



ITEM NO.	DIA	TEETH	ARBOR	MAX RPM	1	3	6	12
482000	5-3/8"	30	20mm*	4200	\$50.78	\$47.96	\$45.43	\$43.16
482007	6-1/2	40	5/8" (16mm)	5800	66.84	63.13	59.80	56.81
482014	7	36	20mm	5800	66.06	62.39	59.11	56.15
482021	7-1/4	40	5/8" (16mm)	5800	66.84	63.13	59.80	56.81
482028	8	42	5/8" (16mm)	5800	82.74	78.14	74.03	70.33
482035	9	48	1" (26mm)	3200	85.62	80.86	76.61	72.78
482042	10	52	5/8" (16mm)	5200	123.07	116.33	110.29	104.84
482049	12	60	1" (26mm)	2000	159.43	150.70	142.87	135.81
482056	14	72	1" (26mm)	1800	182.20	172.22	163.27	155.21

* 10mm & 5/8"bushing

ALUMINUM Cutting Carbide-Tipped Saw Blades

- Cool cutting action with long life and minimal melting of aluminum.
- Fast, burr free cutting on



ITEM NO.	DIA	TEETH	ARBOR	MAX RPM	1	3	6	12
482150	5-3/8"	50	20mm*	4200	\$53.75	\$50.76	\$48.09	\$45.69
482157	6-1/2	60	5/8" (16mm)	5800	69.16	65.32	61.88	58.79
482164	7	54	20mm	5800	68.76	64.94	61.53	58.45
482171	7-1/4	60	5/8" (16mm)	5800	78.38	74.03	70.13	66.63
482178	8	60	5/8" (16mm)	5800	111.45	105.34	99.87	94.94
482185	10	80	5/8" (16mm)	5200	126.04	119.04	112.78	107.14
					1	2	4	6
482192	12	80	1" (26mm)	2000	222.19	210.18	199.40	189.67
482199	14	80	1" (26mm)	1800	215.44	203.80	193.35	183.91

* 10mm & 5/8"bushing



TMX Carbide-Tipped Metal Cutting Saw Blades

- Cool cutting action with long life.
- Fast, burr free cutting on thin gauge metals.
- Use for metal studs, duct work, sheet metals, galvanized roofing, thin walled pipe, conduit, and strut channel.



ITEM NO.	DIA	TEETH	ARBOR	MAX RPM	1	3	6	12
482080	6-1/2"	48	5/8" (16mm)	5800	\$69.16	\$65.32	\$61.88	\$58.79
482087	7-1/4	68	5/8" (16mm)	5800	80.71	76.22	72.21	68.60
					1	2	4	6
482094	12	80	1" (26mm)	2000	222.19	210.18	199.40	189.67
482101	14	90	1" (26mm)	1800	260.34	246.27	233.64	222.24

STAINLESS Cabide-Tipped Metal Cutting Saw Blades

- Cool cutting action with long life and minimal distortion.
- Fast, burr free cutting on tubing, bars, pipe, and stainless steel plate.



ITEM NO.	DIA	TEETH	ARBOR	MAX RPM	1	3	6	12
482120	7"	48	20mm	5800	\$99.50	\$93.97	\$89.03	\$84.58
482127	7-1/4	48	5/8" (16mm)	5800	93.68	88.47	83.82	79.63
					1	2	4	6
482134	14	90	1" (26mm)	1800	325.77	308.16	292.36	278.10



Metal Cutting Bandsaw Blades, Custom Lengths

- Blades are sold by the piece.
- Many more sizes available – please call for pricing.

EXCEL Bi-Metal M42 Saw Blade

- High tooth hardness – RC 68-69.
- 8% cobalt M42 tool steel cutting edge.
- Cuts high alloy, heat treated and stainless steels.
- Applications include:
 - Production cutting
 - Stainless and carbon steels
 - Hardened materials
 - Solid rods

ITEM NO.	LENGTH	WIDTH	TPI	1	5	10	20
493400	92-1/2"	3/4"	12/8	\$40.32	\$38.14	\$36.19	\$34.42
493405	93	3/4	10/6	40.32	38.14	36.19	34.42
493408	93	3/4	12/8	40.32	38.14	36.19	34.42
493450	101	3/4	10/6	40.32	38.14	36.19	34.42
493455	101	3/4	14/10	40.32	38.14	36.19	34.42
493475	105	3/4	8/5	44.41	42.01	39.85	37.91
493485	106	3/4	8/5	44.41	42.01	39.85	37.91
493488	106	3/4	10/6	44.41	42.01	39.85	37.91
493535	115	3/4	12/8	48.50	45.88	43.52	41.40
493605	128	3/4	10/6	52.59	49.74	47.19	44.89
493650	137-1/2	3/4	14/10	52.59	49.74	47.19	44.89
493655	137-3/4	3/4	10/6	52.59	49.74	47.19	44.89
493658	137-3/4	3/4	12/8	52.59	49.74	47.19	44.89
493670	138	3/4	12/8	56.67	53.61	50.86	48.38
493870	174	3/4	10/6	68.94	65.21	61.87	58.85
493890	176	3/4	8/5	68.94	65.21	61.87	58.85
494200	104-1/2	1	10/6	50.95	48.19	45.72	43.49
494275	119-1/2	1	6/4	55.76	52.75	50.04	47.60
494280	120	1	8/5	55.76	52.75	50.04	47.60
494283	120	1	10/6	55.76	52.75	50.04	47.60
494335	129-3/8	1	10/6	60.57	57.30	54.36	51.71
494340	130	1	8/5	60.57	57.30	54.36	51.71
494350	130-1/2	1	8/5	60.57	57.30	54.36	51.71
494360	132	1	8/5	60.57	57.30	54.36	51.71
494390	138	1	8/5	65.39	61.85	58.68	55.82
494393	138	1	10/6	65.39	61.85	58.68	55.82
494425	144	1	4/3	65.39	61.85	58.68	55.82
494430	144	1	8/5	65.39	61.85	58.68	55.82
494460	150	1	10/6	70.20	66.41	63.00	59.93
494520	162	1	8/5	75.02	70.96	67.32	64.04
494570	172	1	6/4	75.02	70.96	67.32	64.04
494580	174	1	6/4	79.83	79.83	71.64	68.15
494590	174	1	10/6	79.83	75.51	71.64	68.15
494910	183	1-1/4	8/5	90.20	85.32	80.95	77.00

NEW WAVE Bi-Metal Saw Blade

- Tooth hardness RC 66-68.
- 8% cobalt matrix II tool steel cutting edge.
- Wavy Set.
- 0 degree face angle.
- Applications include:
 - Maintenance, tool room and repair shops
 - Light fabrication of mild steel
 - Thin wall tubing
 - Sheet metal
 - Contour cutting

ITEM NO.	LENGTH	WIDTH	TPI	1	5	10	20
491050	60"	1/2"	14/10	\$23.43	\$22.16	\$21.03	\$20.00
491070	64-1/2	1/2	14/10	23.43	22.16	21.03	20.00
491280	82	3/4	12/8	33.53	31.71	30.09	28.62
491340	93	3/4	10/6	37.23	35.22	33.41	31.78
491345	93	3/4	14/10	37.23	35.22	33.41	31.78
491410	106	3/4	8/5	37.23	35.22	33.41	31.78
491413	106	3/4	10/6	40.93	38.72	36.73	34.94
491450	114	3/4	12/8	44.63	42.22	40.05	38.10
491510	126	3/4	12/8	48.33	45.72	43.38	41.26
491570	137-1/2	3/4	14/10	48.33	45.72	43.38	41.26
491800	104-1/2	1	10/6	47.47	44.90	42.60	40.52
491850	114	1	8/5	51.89	49.09	46.57	44.30
491860	115-1/2	1	10/6	51.89	49.09	46.57	44.30
491863	115-1/2	1	12/8	51.89	49.09	46.57	44.30
491890	120	1	12/8	51.89	49.09	46.57	44.30
491940	129-3/8	1	12/8	56.32	53.28	50.55	48.08
491950	130-1/2	1	10/6	56.32	53.28	50.55	48.08
491970	132	1	12/8	56.32	53.28	50.55	48.08
492005	138	1	10/6	60.75	57.47	54.52	51.86
492060	150	1	10/6	65.18	61.66	58.49	55.64
492063	150	1	12/8	65.18	61.66	58.49	55.64
492120	162	1	12/8	69.61	65.84	62.47	59.42
492160	174	1	12/8	74.03	70.03	66.44	63.20

PORTA-BLADE Bi-Metal Bandsaw Blade

- Length: 44-7/8", width: ½", for use in portable bandsaws.
- 8% cobalt matrix II.
- Provides excellent life in tough cutting applications.
- Available 5 packs [listed below], or in bulk 100/Packs – call for pricing.

ITEM NO.	TPI	TOOTH SET	STYLE	5	10	20	40
239001	10	Raker	Constant	\$5.36	\$5.07	\$4.81	\$4.57
239002	14	Raker	Constant	5.36	5.07	4.81	4.57
239003	18	Raker	Constant	5.36	5.07	4.81	4.57
239004	24	Wavy	Constant	5.36	5.07	4.81	4.57
239005	14/10	Raker	Broach	5.00	4.75	4.52	4.31
239006	24	Raker	Broach	5.36	5.07	4.81	4.57
239007	18/14	Wavy	Broach	5.36	5.07	4.81	4.57