

ABRASIVE CUT-OFF WHEELS

RUBBER BONDED

abrasive cut-off wheels are made from sheets of natural rubber and have been manufactured by the "original calendered method." They have a unique composition that makes them ideal for high quality cool, burn-free sectioning on metallographic samples. Sample wheels to meet with your sectioning applications are available for your evaluation.



Catalog #	Description	Usage	Bond	Qty
CW9-10	9" X .063" X 1.25"	T	Rubber	10/BOX
CW9-20	9" X .063" X 1.25"	M	Rubber	10/BOX
CW9-30	9" X .063" X 1.25"	S	Rubber	10/BOX
CW9-40	9" X .063" X 1.25"	N	Rubber	10/BOX
CW9-50	9" X .032" X 1.25"	D	Rubber	10/BOX
CW10-10	10" X .063" X 1.25"	T	Rubber	10/BOX
CW10-20	10" X .063" X 1.25"	M	Rubber	10/BOX
CW10-30	10" X .063" X 1.25"	S	Rubber	10/BOX
CW10-40	10" X .063" X 1.25"	N	Rubber	10/BOX
CW10-50	10" X .040" X 1.25"	D	Rubber	10/BOX
CW12-10	12" X .063" X 1.25"	T	Rubber	10/BOX
CW12-20	12" X .063" X 1.25"	M	Rubber	10/BOX
CW12-30	12" X .063" X 1.25"	S	Rubber	10/BOX
CW12-40	12" X .063" X 1.25"	N	Rubber	10/BOX
CW12-50	12" X .045" X 1.25"	D	Rubber	10/BOX
CW12-60	12" X .063" X 1.25"	G	Rubber	10/BOX
CW12-70	12" X .075" X 1.25"	G	R/RN	10/BOX

- T** Tool steel, hard ferrous alloys, hard steels Rc60+
- M** Medium hard steels and alloys Rc40-55
- S** Soft steels Rc15-35
- N** Soft - medium hard non-ferrous metals, uranium, titanium, zirconium, aluminum, brass
- D** Delicate cutting on all ferrous metals
- G** General purpose, production sectioning on all tool and hard steels RC15 and above.

RESIN BONDED

abrasive cut-off wheels uses aluminum oxide or silicon carbide particles in a bakelite binder. These wheels are especially formulated to give the ideal cut surface finish for metallographic preparations. The 10", 12" and 17" wheels are designated as our special 'METCUT' series of abrasive cut-off wheels.

Catalog #	10"Diameter X .060" X 1.25" (250mm X 1.5mm X 32mm)	Qty
CW-031	Extremely Hard Ferrous Alloys, Tool Steels, White Cast Irons, Nihard, etc. Rc60+	10/BOX
CW-032	Hard Ferrous Alloys, Hardened Steels, Rc50+	10/BOX
CW-033	Medium Hard Steels and Alloys, Rc35-50	10/BOX
CW-034	Medium soft Steels, Rc15-35	10/BOX
CW-037	Medium soft Steel, Thin cut, Rc15-30 (250mm x .8mm x 32mm) (.030")	10/BOX
CW-036	Soft to Medium Hard Non-Ferrous Metals, Aluminum, Brass, Titanium, Zirconium etc.	10/BOX

Catalog #	12"Diameter X .075" X 1.25" (300mm X 2mm X 32mm)	Qty
51-MET	Extremely Hard Ferrous Alloys, Tool Steels, White Cast Irons, Nihard, etc. Rc60+	10/BOX
52-MET	Hard Ferrous Alloys, Hardened Steels, Rc50+	10/BOX
53-MET	Medium Hard Steels and Alloys, Rc35-50	10/BOX
54-MET	Medium soft Steels, Rc15-30 (.030" X 32mm)	10/BOX
56-MET	S/C Hard Bond Soft, Ductile, Non-Ferrous	10/BOX

Catalog #	14"Diameter X .110" X 1.25" (350mm X 2.3 mm X 32 mm)	Qty
CW14-10	Extremely Hard Ferrous Alloys, Tool Steels, White Cast Iron, Nihard etc. Rc60+	10/BOX
CW14-20	Hard Ferrous Alloys, Hardened Steels, Rc50+	10/BOX
CW14-30	Medium Hard Steels and Alloys, Rc35-50	10/BOX
CW14-40	Soft Steels, Rc15-30	10/BOX
CW14-50	Soft to Medium Hard Non-Ferrous Metals, Aluminum, Brass, Titanium, Zirconium etc,	10/BOX
CW14-60	Rubber Bond, General Purpose, Ferrous Alloys, Rc15+	10/BOX
CW14-70	Resin Glass-Reinforced, General Purpose, Production Sectioning Ferrous Alloys Rc15+	10/BOX



5 BOXES = 5%	10 BOXES = 10%	20 BOXES = 15%
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ABRASIVE CUT-OFF WHEELS



RESIN BONDED

uses aluminum oxide or silicon carbide particles in a bakelite binder. These wheels are especially formulated to give the ideal cut surface finish for metallographic preparations.

Catalog #	17" Diameter X 0.125" X 1.25" (432mm X 2.5mm X 32mm)	Qty
CW-101	Extremely Hard Ferrous Alloys, Tool Steels, White Cast Iron, Nihard etc. Rc60+	5/BOX
CW-102	Hard Ferrous Alloys, Hardened Steels, Rc50+	5/BOX
CW-104	Medium Hard Steels and Alloys, Rc35-50	5/BOX
CW-106	Soft to Medium Hard Non-Ferrous Metals, Aluminum Brass, Titanium, Zirconium etc,	5/BOX
CW-10X	Hardened Steel, Super Alloys, Rubber Bond Rc50+	5/BOX
CW-202	Resin Glass-Reinforced, General Purpose, Production Sectioning Ferrous Alloys	5/BOX



METLAB 4" - 6"

are designed for use on low-speed diamond saws. These wheels are especially formulated to provide for more aggressive and faster sectioning applications when our standard diamond wafering blades are not warranted for use.

Catalog #	Description	Qty
4F12	4" X .012" X 1/2" General Ferrous Cutting	10/BOX
4F25	4" X .025" X 1/2" General Ferrous Cutting	10/BOX
4NF12	4" X .012" X 1/2" General Non-Ferrous Cutting	10/BOX
4NF25	4" X .025" X 1/2" General Non-Ferrous Cutting	10/BOX
4RR30	4" X .030" X 1/2" Resin Reinforced – for cutting circuit boards & plastics	10/BOX
5F20H	5" X .020" X 1/2" Hard Ferrous, Rc45 and above	10/BOX
5F20S	5" X .020" X 1/2" Soft, Medium Hard Ferrous, Rc45 and below	10/BOX
6F20H	6" X .020" X 1/2" Hard Ferrous, Rc45 and above	10/BOX
6F20S	6" X .020" X 1/2" Soft, Medium Hard Ferrous	10/BOX
6NF20	6" X .020" X 1/2" Soft and Ductile, Non-Ferrous, Al, Cu, Ti	10/BOX



METLAB 6" - 7"

are designed for use on high-speed diamond saws. The wheels are especially formulated to provide for more aggressive and faster sectioning applications when our standard diamond wafering blades are not warranted for use.

Catalog #	Description	Qty
640	6" X .040" X 5/8" Hard Steel, Alloys	EACH
644	6" X .040" X 5/8" Soft Steel, Alloys	EACH
647	6" X .040" X 5/8" Titanium, Other Alloys	EACH
650	6" X .025" X 5/8" Delicate Cutting of Ferrous Metals and Alloys	EACH
7F30	7" X .030" X 1/2" General Ferrous Cutting	10/BOX
7NF30	7" X .030" X 1/2" General Non-Ferrous Cutting	10/BOX

5 BOXES = 5%

10 BOXES = 10%

20 BOXES = 15%