

Abrasive Blade Sectioning



Abrasive sectioning is primarily used for ductile materials such as metals, plastics, polymer matrix composites, metal matrix composites and rubbers.

ABRASIVE TYPE – Alumina abrasive blades are the most common high performance metallographic abrasive blades. Alumina is an ideal abrasive because it is hard and tough. When combined with the correct resin bond these blades will outperform and outlast traditional metallographic abrasive blades.

BONDING MATERIAL – The abrasive bonding resin hardness must be matched to the material being cut. Whether cutting soft non-ferrous metals or tool steel, choosing the appropriate blade is very important for obtaining an efficient damage free cut.



SERVOCUT 250 Abrasive Saw



SERVOCUT 350 Abrasive Saw

**9" Diameter (229 mm) Abrasive Blade,
1-1/4" (32 mm) Arbor, 10 per package**

Description	Thickness	Cat. Number
Universal - Thin	0.031"	MAX-A225
Non-ferrous soft	0.059"	MAX-E235
Non-ferrous hard	0.059"	MAX-C225
Soft steels (Rc<30)	0.059"	MAX-E225
Hard steels (Rc 45-55)	0.059"	MAX-D225
Tool steel (Rc>55)	0.059"	MAX-G225

**12" Diameter (305 mm) Abrasive Blade,
1-1/4" (32 mm) Arbor, 10 per package**

Description	Thickness	Cat. Number
Universal - Thin	0.039"	MAX-A300
Non-ferrous soft	0.078"	MAX-E300
Non-ferrous hard	0.078"	MAX-C300
Soft steels (Rc<30)	0.078"	MAX-E300
Hard steels (Rc 45-55)	0.078"	MAX-D300
Hard steels (Rc 45-55)	0.078"	MAX-D300

**10" Diameter (254 mm) Abrasive Blade,
1-1/4" (32 mm) Arbor, 10 per package**

Description	Thickness	Cat. Number
Universal - Thin	0.039"	MAX-A250
Non-ferrous soft	0.059"	MAX-E250
Non-ferrous hard	0.059"	MAX-C250
Soft steels (Rc<30)	0.059"	MAX-E250
Hard steels (Rc 45-55)	0.059"	MAX-D250
Tool steel (Rc>55)	0.059"	MAX-G250

**14" Diameter (355 mm) Abrasive Blade,
1-1/4" (32 mm) Arbor, 10 per package**

Description	Thickness	Cat. Number
Universal - Thin	0.063"	MAX-A350
Non-ferrous soft	0.078"	MAX-E350
Non-ferrous hard	0.078"	MAX-C350
Soft steels (Rc<30)	0.078"	MAX-E350
Hard steels (Rc 45-55)	0.078"	MAX-D350
Hard steels (Rc 45-55)	0.078"	MAX-D350

**7" Diameter (178 mm) Abrasive Blade,
1/2" (12.7 mm) Arbor, 10 per package**

Description	Thickness	Cat. Number
General purpose	0.018"	MAX-7000S

CUTTING FLUID

Description	Quantity	Part Number
MAXCUT™ Abra- sive cutting fluid	32 oz (0.95 l)	MAXCUT 1000-32
	64 oz (1.9 l)	MAXCUT 1000-64
	1 gallon (3.8 l)	MAXCUT 1000-128