

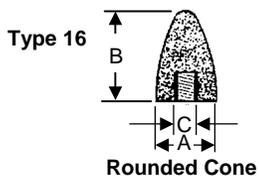
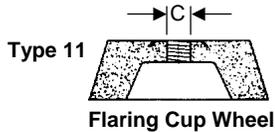
ANSI Standard Marking System

The following chart is an example of the ANSI standard marking system for identifying grinding wheels and other bonded abrasives

A	24				R			BF						
Primary grain used to make the wheel	Size of the abrasive grain				Hardness of the bond			Type of bond used						
A = Aluminum Oxide C = Silicon Carbide Z = Alumina Zirconium	Coarse	Medium	Fine	Very Fine	soft	Medium	Hard	B	Resinoid	R	Rubber			
	8	30	70	220	←-----→			BF	Resinoid Reinforced	RF	Rubber Reinforced			
	10	36	80	240	A	N	R	T	E	Shellac	S	Silicate		
	12	46	90	280					O	Oxychloride	V	Vitrified		
	14	54	100	320										
	16	60	120	400										
	20		150	500										
	24		180	600										

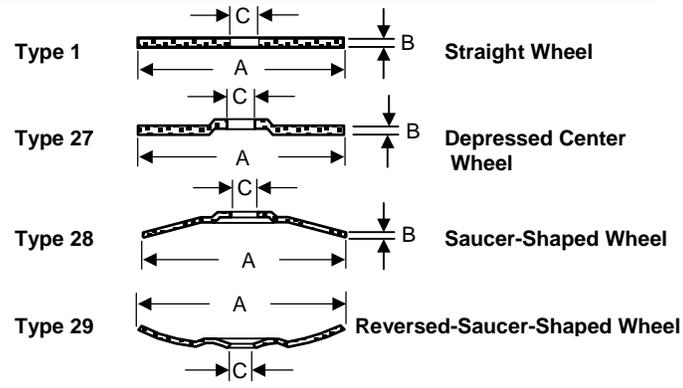
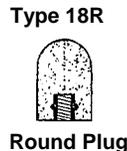
Wheel Configurations

Bonded abrasive wheels have different configurations depending upon the tool the wheel is used on and the desired end result. Below are the configurations that a wheel can have:



These wheel configurations are shown on the pages throughout this catalog. The A, B, and C connotations represent the size of the wheel.

A = The diameter of the wheel
B = The width or thickness of the wheel
C = The bore of the wheel



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TOOL SYMBOL IDENTIFICATIONS — Corresponding tool graphics found in this catalog section represent the appropriate tool the product can be used on.

Right Angle Grinder	Die Grinder	Chop Saw	Electric Portable Saw
Gas Powered Saw	Walk Behind Saw	Circular Saw	Stationary Saw
Electric Palm Sander	Portable Belt Sander	Electric Sander	Pneumatic Sander
Bench Grinder	Pneumatic Dual Action Orbital Sander	Drill	Air Cut-Off Tool

Metabo
Type 1 – Thin Cut Wheels



Thin-cut "SLICER" Wheels -Type 1

Size	Grade	Max R.P.M.	Part No.	Price	Part No.	Price
		1 TO 49	-		Case of 50	
3 x 1/16 x 3/8	A36	25,000	55.320	\$1.95 EA	55.320PK	\$77.50 PK
4 x .040 x 5/8	A60	22,000	55.324	\$2.25 EA	55.324PK	\$105.00 PK
4-1/2 x .040 x 7/8	A60	15,000	55.331	\$2.55 EA	55.331PK	\$125.00 PK
5 x .040 x 7/8	A60	12,225	55.334	\$2.99 EA	55.334PK	\$145.00 PK
6 x .040 x 5/8	A60	10,200	55.338	\$3.99 EA	55.338PK	\$177.50 PK
6 x .040 x 7/8	A60	10,200	55.339	\$3.99 EA	55.339PK	\$177.50 PK



Be sure to try Metabo Thin-cut "SLICER" Wheels with a Metabo Angle Grinder (and proper guard) for the Ultimate Cutting System

SAFETY WARNING

Avoid inhalation of dust generated by grinding and cutting operations. Exposure to dust may cause respiratory ailments as well as irritation to eyes and skin. In most cases, a greater hazard is the exposure to the dust/fumes from the base material being ground or paint or coatings applied to it. This dust often contains chemicals known to cause cancer, birth defects or other reproductive harm. Reference California Proposition 65. Use approved NIOSH or MSHA respirators, safety glasses or face shields, gloves and protective clothing. Provide adequate ventilation to eliminate dust or to maintain dust levels below the permissible exposure level for nuisance dust as classified by OSHA. All operators must read and understand safety information thoroughly.