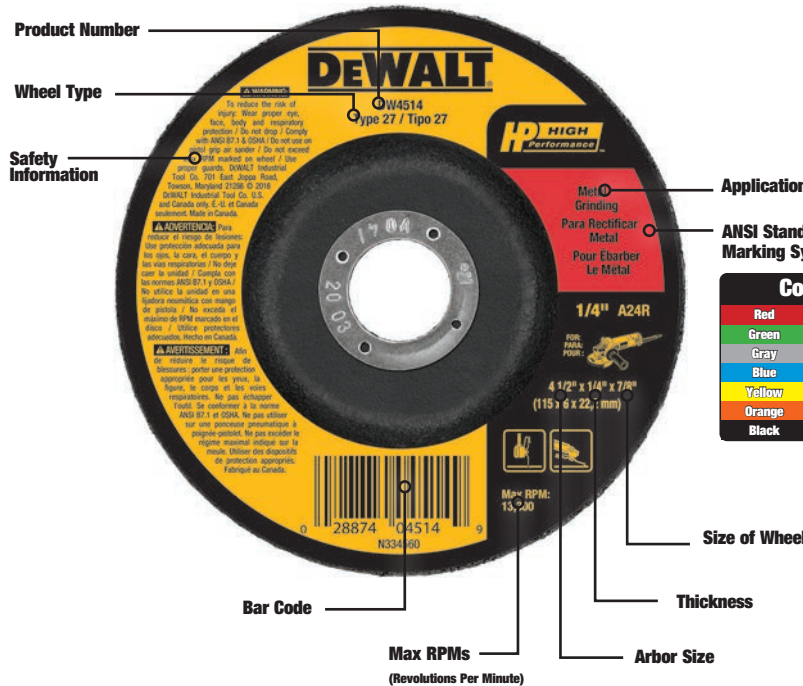


DEWALT ABRASIVE PRODUCT IDENTIFICATION

DEWALT utilizes an industry recognized color coding and identification system to help users identify the right bonded abrasive wheel for their application. There are also several other key identifiers to look for on a wheel; s, wheel size, thickness, and arbor size to ensure the correct product is used.



American National Standards Institute (ANSI)

A			
Primary grain used to make the wheel			
A	Aluminum Oxide		
TA	Treated Aluminum Oxide		
C	Silicon Carbide		
Z	Aluminum Zirconia		
SG	Ceramic		
24			
Size of the abrasive grain			
Coarse	Medium	Fine	Very Fine
16	30	100	220
20	36	120	240
24	46	180	280
	60		
R			
Hardness of the bond			
Soft	Medium	Hard	
A	N	R	T Z
BF			
Type of bond used			
B	Resinoid		
BF	Resinoid Reinforced		
RF	Rubber Reinforced		
S	Silicate		
V	Vitrified		

TYPES OF ABRASIVE GRAINS



-A- ALUMINUM OXIDE

Tough, durable grain used for cutting, grinding, and finishing of metal in bonded abrasives- and metal, wood, and coatings in coated abrasives.



-TA- TREATED ALUMINUM OXIDE

Aluminum oxide grain with a coating that increases bond strength for harder, longer lasting bonded abrasives.



-Z- ZIRCONIA

Tough, durable grain with fine crystal structure used for rugged stock removal of metal in bonded abrasives, and metal, and wood in coated abrasives.



-C- SILICON CARBIDE

Very hard and brittle grain used on concrete and very soft or very hard metals in bonded abrasives. For very fine finishing of metal and coatings in coated abrasives.



CERAMIC

Tough, durable grain with very fine crystal structure to create many more cutting edges in each grain. Used for the highest stock removal of metal in bonded and coated abrasives.



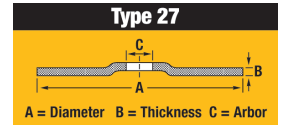
DIAMOND

Very hard and durable grain for use in cutting and grinding concrete and metal.

TYPE 27 BONDED ABRASIVES (continued)



CAT #	DIA.	THICKNESS	ARBOR	GRIT	MAX RPM	PACK
Metal & Stainless Cutting						
DWA8424F	4-1/2"	.040"	7/8"	A60T	13,300	25
DWA8426F	6"	.040"	7/8"	A60T	10,100	25
DW8420	4"	.045"	5/8"-11	A60T	15,200	25
DW8424	4-1/2"	.045"	7/8"	A60T	13,300	25
DW8424H	4-1/2"	.045"	5/8"-11	A60T	13,300	10
DW8425	5"	.045"	7/8"	A60T	12,200	25
DW8425H	5"	.045"	5/8"-11	A60T	12,200	10
DW8426	6"	.045"	7/8"	A60T	10,100	25
DW8426H	6"	.045"	5/8"-11	A60T	10,100	10
DW8427H	7"	.045"	7/8"	A60T	8,700	25
DW8426MH	7"	.045"	5/8"-11	A60T	8,700	10
DWA8424L	4-1/2"	1/16"	7/8"	A60T	13,300	25
DWA8426L	6"	1/16"	7/8"	A60T	10,100	25
Metal Cutting & Notching						
DW8750	4-1/2"	3/32"	7/8"	A24R	13,300	25
DW8751	4-1/2"	3/32"	5/8"-11	A24R	13,300	10
DW8752	5"	3/32"	7/8"	A24R	12,200	25
DW8753	5"	3/32"	5/8"-11	A24R	12,200	10
DW8754	6"	3/32"	7/8"	A24R	10,100	10
DW8755	6"	3/32"	5/8"-11	A24R	10,100	10
DW8756	7"	3/32"	7/8"	A24R	8,700	10
DW8757	7"	3/32"	5/8"-11	A24R	8,700	10
DW8758	9"	3/32"	7/8"	A24R	6,600	10
DW8759	9"	3/32"	5/8"-11	A24R	6,600	10
Pipeline Metal & Stainless Cutting & Grinding						
DW4418	4"	1/8"	5/8"	A24R	15,200	25



CAT #	DIA.	THICKNESS	ARBOR	GRIT	MAX RPM	PACK
Pipeline Metal & Stainless Cutting & Grinding						
DW8434	4-1/2"	1/8"	7/8"	A24R	13,300	25
DW8435	4-1/2"	1/8"	5/8"-11	A24R	13,300	10
DW8484	5"	1/8"	7/8"	A24R	12,200	25
DW8436	5"	1/8"	5/8"-11	A24R	12,200	10
DW8485	6"	1/8"	7/8"	A24R	10,100	10
DW8438	6"	1/8"	5/8"-11	A24R	10,100	10
DW8486	7"	1/8"	7/8"	A24R	8,700	10
DW8437	7"	1/8"	5/8"-11	A24R	8,700	10
DW8487	9"	1/8"	7/8"	A24R	6,600	10
DW8439	9"	1/8"	5/8"-11	A24R	6,600	10
Metal & Stainless Grinding						
DW4419	4"	1/4"	5/8"	A24R	15,200	25
DW4514	4-1/2"	1/4"	7/8"	A24R	13,300	25
DW4514B5	4-1/2"	1/4"	7/8"	A24R	13,300	5
DW4523	4-1/2"	1/4"	5/8"-11	A24R	13,300	10
DW4619	5"	1/4"	7/8"	A24R	12,200	25
DW4623	5"	1/4"	5/8"-11	A24R	12,200	10
DW4624	6"	1/4"	7/8"	A24R	10,100	10
DW4626	6"	1/4"	5/8"-11	A24R	10,100	10
DW4719	7"	1/4"	7/8"	A24R	8,700	10
DW4999	7"	1/4"	5/8"-11	A24R	8,700	10
DW4999RT	7"	1/4"	5/8"-11	A24R	8,700	10
DW4949	9"	1/4"	7/8"	A24R	6,600	10
DW4954	9"	1/4"	5/8"-11	A24R	6,600	10
DW4954RT	9"	1/4"	5/8"-11	A24R	6,600	10



CUTTING WHEELS

CAT #	DIA.	THICKNESS	ARBOR	GRIT	MAX RPM	PACK
Stainless Steel Cutting Wheels CONTAMINANT-FREE						
DW8424S	4-1/2"	.045"	7/8"	A60S	13,300	25
DW8425S	5"	.045"	7/8"	A60S	12,200	25

CAT #	DIA.	THICKNESS	ARBOR	GRIT	MAX RPM	PACK
Stainless Steel Cutting Wheels CONTAMINANT-FREE						
DW8426S	6"	.045"	7/8"	A60S	10,100	25
DW8427S	7"	.045"	7/8"	A60S	8,700	25



METAL CUTTING & GRINDING

CAT #	DIA.	THICKNESS	ARBOR	GRIT	MAX RPM	PACK
Metal & Stainless Fast Cutting						
DWA4530	4"	.045"	5/8"	A60T	15,200	25
DWA4531	4-1/2"	.045"	7/8"	A60T	13,300	25
DWA4534	7"	.045"	7/8"	A60T	8,700	25
Metal & Stainless Fast Cutting & Grinding						
DWA4510	4"	1/8"	5/8"	A24N	15,200	25
DWA4511	4-1/2"	1/8"	7/8"	A24N	13,300	25
DWA4511H	4-1/2"	1/8"	5/8"-11	A24N	13,300	10
DWA4512	5"	1/8"	7/8"	A24N	12,200	25
DWA4512H	5"	1/8"	5/8"-11	A24N	12,200	10
DWA4513	6"	1/8"	7/8"	A24N	10,100	10
DWA4513H	6"	1/8"	5/8"-11	A24N	10,100	10
DWA4514	7"	1/8"	7/8"	A24N	8,700	10
DWA4514H	7"	1/8"	5/8"-11	A24N	8,700	10
DWA4515	9"	1/8"	7/8"	A24N	6,600	10

CAT #	DIA.	THICKNESS	ARBOR	GRIT	MAX RPM	PACK
Metal & Stainless Fast Grinding						
DWA4515H	9"	1/8"	5/8"-11	A24N	6,600	10
DWA4500	4"	1/4"	5/8"	A24N	15,200	25
DW4541	4-1/2"	1/4"	7/8"	A24N	13,300	25
DW4542	4-1/2"	1/4"	5/8"-11	A24N	13,300	10
DW4543	5"	1/4"	7/8"	A24N	12,200	25
DW4544	5"	1/4"	5/8"-11	A24N	12,200	10
DW4545	6"	1/4"	7/8"	A24N	10,100	10
DW4546	6"	1/4"	5/8"-11	A24N	10,100	10
DW4547	7"	1/4"	7/8"	A24N	8,700	10
DW4548	7"	1/4"	5/8"-11	A24N	8,700	10
DW4549	9"	1/4"	7/8"	A24N	6,600	10
DW4550	9"	1/4"	5/8"-11	A24N	6,600	10

