

PRECISION GRINDING

VITRIFIED WHEELS



Made in Israel on state-of-the-art equipment since 1956, CGW offers precision grinding vitrified solutions for the most difficult applications. Our success is attributed to our leading manufacturing, technical and logistical support.

CGW **stocks** a comprehensive list of popular specs and sizes in our Chicago, IL distribution facility - **ships the same day!**

Made-to-order items have an industry leading 12 week standard Lead Time. CGW wheels are OSA and ANSI certified and made to the most stringent quality standards.

Contact your CGW sales representative or call our customer service line at **800.447.4248** for more information.

Surface Grinding

Spec	Application	Grain	Grade	Structure
AS3	Heavy removal, carbon steel, hardness > 58RC	Ceramic Aluminum	H, I, J, K	8 or 12
AZ	General purpose, carbon steel hardness under < 58RC	Premium Blue Aluminum Oxide	H, I, J, K	8
WA	Low stock removal, carbon steel, general purpose	White Aluminum Oxide	H, I, J, K	8 or 12

Bench & Pedestal

Spec	Application	Grain	Grade	Structure
AZ	Superior sharpening, carbon tool steel, hard & soft steel	Premium Blue Aluminum Oxide	K, L, M	8
A	General purpose, carbon steel	Brown Aluminum Oxide	M, N, O, Q	8
GC	Non ferrous materials - carbide tool sharpening for tungsten inserts and lathe tooling	Green Silicon Carbide	I, J, K, L	8

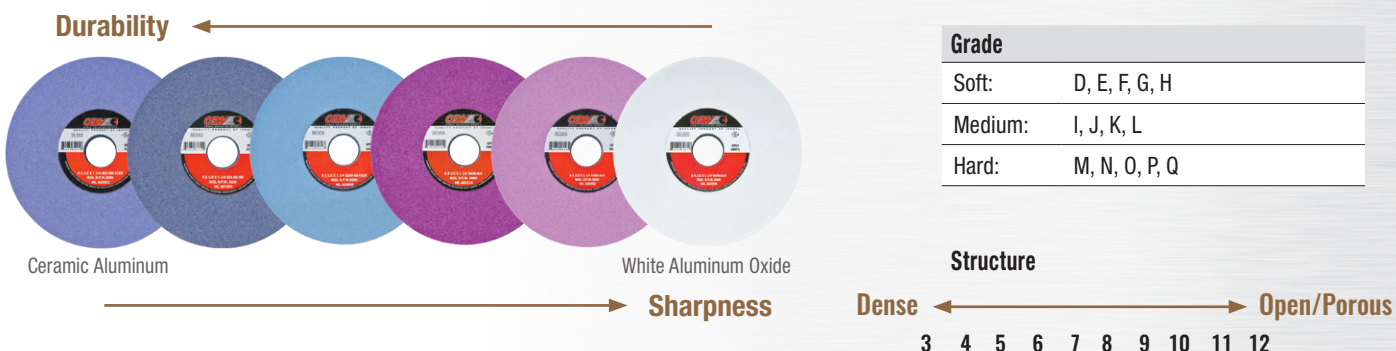
Centerless/Cylindrical

Spec	Application	Grain	Grade	Structure
94AB	Heavy removal, carbon tool steel, hardness > 58RC	Sharp-Blue Aluminum Oxide	J, K, L, M, N, O	8
PASP	General purpose, hardness under < 58RC	Premium Pink Aluminum Oxide	J, K, L, M, N, O	8
WAG	Thin wall & small diameter work pieces	White Aluminum Oxide with Special Bond	H, J, K, L, M, N, O	8

*Note: All specs above available in Grit Ranges: **46, 60, 80, 100, 120***

GRADE: Softer Grades are used in applications (Surface Grinding) with higher area of wheel contact.

Harder Grades are used in applications (Cylindrical/Centerless) with low area of wheel contact.



Where Quality, Performance & Value – Come Together!

Surface Grinding Wheels *in-stock*

	46	60
Size/Grit	UPC	
AS3 - Ceramic Aluminum Oxide		
7 x 1/2 x 1-1/4	34208	
	34209	34212
8 x 1/4 x 1-1/4		34114
8 x 1/2 x 1-1/4	37771	34215
10 x 1 x 3	37773	
12 x 1 x 3	34219	
	34220	
12 x 1 x 5	34222	
	34223	
14 x 1 x 3	37779	
	34115	
14 x 1 x 5	34230	
	34232	34233
14 x 1-1/2 x 5	34238	
	34239	

	46	60
Size/Grit	UPC	
AZ - Premium Blue Aluminum Oxide		
7 x 1/4 x 1-1/4		34309
7 x 1/2 x 1-1/4	34319	34324
	34321	34325
	34333	
8 x 1/2 x 1-1/4	34350	34354
	34352	34356
10 x 3/4 x 3		34383
10 x 1 x 3	34391	34395
	34411	
	34413	
12 x 1 x 5	34419	34425
	34421	
14 x 1 x 5	34447	
	34449	

Type 1		
	46	60
Size/Grit	UPC	
14 x 1-1/2 x 5	34456	34460
	34458	34462
14 x 2 x 5	34472	
	34474	
16 x 1-1/2 x 5	34491	34493
16 x 2 x 5	34496	
WA - White Aluminum Oxide		
7 x 1/4 x 1-1/4	34615	34604
	34617	34619
		34621
8 x 1/2 x 1-1/4	34671	
	34673	34729
10 x 1 x 3	34723	34729
	34725	
12 x 1 x 3	34742	
	34744	



- Engineered for medium and heavy stock removal and heat sensitive applications.
- Strong, innovative bonds for tough applications.

	46	60
Size/Grit	UPC	
12 x 1 x 5	34752	34759
	34755	
14 x 1-1/2 x 5	34801	
	34803	
14 x 2 x 5		34809

Bench & Pedestal Wheels *in-stock*

- A – Aluminum Oxide for general purpose off-hand work.
- AZ – Premium Blue Aluminum Oxide for HSS over 55 RC and above, high carbon tool steels and woodworking applications.

UPC	Spec	Grit	Grade
6 x 1/2 x 1			
38005	A	80	M
38502	GC	80	I
6 x 3/4 x 1			
38008	A	46	M
38009	A	46	M
38114	AZ	80	K
38116	AZ	120	K
38616	WA	120	K
38505	GC	80	I

UPC	Spec	Grit	Grade
6 x 1 x 1			
38013	A	46	M
38015	A	80	M
38126	AZ	120	K
38626	WA	120	K
38508	GC	80	I
38580	GC	120	I
7 x 3/4 x 1			
38512	GC	100	I
7 x 1 x 1			
38019	A	46	M
38514	GC	80	I

Type 1			
UPC	Spec	Grit	Grade
8 x 1 x 1-1/4			
38024	A	46	M
38204	AZ	80	K
38206	AZ	120	K
38706	WA	120	K
38517	GC	80	I
10 x 1 x 1-1/4			
38028	A	46	M
38030	A	80	M
38520	GC	80	I
38521	GC	80	I
10 x 1-1/2 x 1-1/4			
38033	A	46	M
38035	A	80	M



UPC	Spec	Grit	Grade
12 x 1 x 1-1/4			
38038	A	46	M
12 x 1-1/2 x 1-1/4			
38043	A	46	M
38529	GC	80	I
12 x 2 x 1-1/2			
38048	A	46	M
38050	A	80	M
38532	GC	80	I
14 x 2 x 1-1/2			
38053	A	46	M
38535	GC	80	I

Centerless, Cylindrical Wheels *in-stock*

	60	80
Size/Grit	UPC	
14 x 1 x 5		35203
16 x 1 x 5		35214
16 x 1 x 8	37804	
16 x 1-1/2 x 5		35219
16 x 1-1/2 x 8	37807	35223
16 x 2 x 5	37809	35225
	37808	
16 x 3 x 5	37814	37813
20 x 2 x 8	37816	
20 x 3 x 8	37818	37817
20 x 1 x 12		35234
		35236

	60	80
Size/Grit	UPC	
20 x 2 x 12	35241	35244
	35243	
20 x 3 x 12	35254	
20 x 4 x 12	35266	35270
		37823
20 x 6 x 12	35277	35281
	35278	35283
	35280	
20 x 8 x 12	35293	35296
	35295	35298
24 x 1 x 12	37829	

	60	80
Size/Grit	UPC	
24 x 2 x 12	37831	
	35314	
24 x 3 x 12	35324	37833
	35329	
24 x 4 x 12	35333	35337
24 x 6 x 12	35342	35345
		35347
24 x 8 x 12	35352	35355
	35354	
24 x 10 x 12	35363	
24 x 20 x 12		35368
		35370



Each Cylindrical, Centerless CGW wheel is manufactured with varying hardness to assure consistent grindability throughout. This feature compensates for the diameter and speed changes as the wheel is used.