

Best choice for demanding applications

4ZF, 4NZ, ZI, AND NZC ZIRCONIA ALUMINA

- Zirconia alumina abrasive engineered for high-pressure, heavy duty, snagging operations including foundry snagging and stock removal
- These wheels have high-speed steel rings with fine centers and reinforcing webs for added safety
- 4ZF – zirconia alumina grain for exceptional wheel life; engineered for high-pressure, heavy-duty, snagging operations, particularly on iron
- 4NZ – zirconia alumina grain for sharpness and an exceptionally high cut rate; developed for low- to medium-pressure operations, especially on steel and steel castings; the most operator-friendly wheels
- ZI – zirconia alumina grain stays sharper, longer, making it the choice for iron castings: ZI/25 for tough metal removal, ZI/26 for finer surface finish
- NZC – zirconia alumina and silicon carbide blend is ideal for dirty, scale-covered castings

Better choice for strong performance to price ratio

CHARGER ZIRCONIA ALUMINA

- Strong, free-cutting aluminum oxide abrasive for foundry snagging and stock removal
- These wheels have high-speed steel rings with fine centers and reinforcing webs for added safety
- Good, general-purpose choice for heavy-duty stock removal on low- to medium-horsepower machines

Good choice for numerous small jobs

5ZF ZIRCONIA ALUMINA AND GEMINI ALUMINUM OXIDE

- These wheels have high-speed steel rings with fine centers and reinforcing webs for added safety
- Ideal for lower horsepower machines or low-pressure applications
- 5ZF - Versatile, good quality zirconia alumina abrasive for foundry snagging and stock removal
- Gemini – versatile aluminum oxide formulation works well with a variety of machines, horsepower, and operations

SIZE (D x T x H)	MAX. RPM	STD. PKG.	TIER: BEST		BETTER		GOOD	
			TRADENAMES: 4ZF, 4NZ, ZI, NZC		CHARGER		5ZF / GEMINI	
			SPEC.	PART #	SPEC.	PART #	SPEC.	PART #
Type O1 Straight								
24 x 3 x 12	1,990	1	4ZF1234-R5B38S	690831 66310			5ZF14-QS	690831 66858
HS Steel Rings with Fine Centers, S Webs	1,990	1					Gemini All Purp.	690831 67173
30 x 2 x 12	1,595	1	4NZ1634-Q5B38S	692104 21412	Charger Free Cut	692104 21417	5ZF14-R	692104 67105
HS Steel Rings with Fine Centers, S Webs	1,595	1	4ZF1434-R5B38S	692104 66458	Charger Long Life	692104 21418	Gemini All Purp.	692104 17463
	1,595	1	4ZF1634-Q5B38S	692104 66460				
	1,595	1	ZI/25-R	662531 19636				
	1,595	1	ZI/26-Q	662531 19638				
	1,595	1	NZC142-R5B38S	692104 21414				

For your safety: all floorstand and swingframe wheels have strong fine centers, steel rings and high-strength fiberglass reinforcement construction.

TECH TIP

- Always ensure proper mounting of floorstand and swingframe wheels by mounting with arrow down as marked on wheel
- Always use safety guard
- Always run wheel for 1 minute before grinding
- For optimum performance, ensure adequate air pressure and air volume when using pneumatic machines
- Use constant surface foot per minute machines for highest efficiency
- Do not overdress the wheel face
- Avoid loading or glazing by changing the contact angle
- Use pressure assist whenever possible to obtain maximum cut rate



It is the user's responsibility to refer to and comply with ANSI B7.1