

# FINISH FIRST WITH CARBO SURFACE FINISH

## Get The Ultimate Combination of Life, Cut, and Smear Free Finish

Carbo Surface Finish general purpose convolute wheels provide long life for heavy deburring, edge-breaking and parting line removal in metal fabrication. These pliable wheels are a precise combination of abrasive, grit size, density and advanced technology which provide the ultimate combination of life, cut, and smear free finish. The distinctive maroon wheel color makes them easy to remember as the general purpose product on any workbench, storeroom, or production floor.

Along with increased throughput and decreased wheel changes, the superior wheel form holding generates optimal cost savings and superior part quality. Consistent, reliable edge-breaking and finishing with less shedding, wheel wearing, dressing, and reshaping means saved time, which means saved money. Minimal surface-contaminating airborne dust improves operator environment, safety and part finish quality. Design conformability makes these wheels operator-friendly with less body fatigue.

### KEY MATERIALS

Stainless Steel, Carbon Steel, Inconel, Titanium, Cobalt, Aluminum, Soft Metals,

### KEY MARKETS

Aerospace, Transportation, Medical/Prothesis, Metal Fabrication, MRO, Tool & Die Manufacturing

### APPLICATIONS

Medium pressure and finishing applications:  
Blending, Polishing, Decorative finishing



the definition of  
**DIFFERENT®**

**SET A NEW STANDARD FOR PERFORMANCE**

- Increased throughput and fast finish due to the advanced grain/bond configuration
- Decreased wheel changes and long life produced by the fiber and high-temperature resin bond system
- Clean Bond technology guarantees a smear-free finish allowing for reduced finishing steps
- Versatile wheel which can be used wet or dry; less shedding, wheel wear, dressing, and reshaping



**CLEAN BOND TECHNOLOGY AT WORK**

Conventional abrasive products can contribute to smear on a workpiece. Heat can expend the abrasive grain early in the finishing process leaving only the coated fiber. Continued use, along with heat, further breaks down the binder coating of the fiber which eventually melts and ends up on the surface as smear. But, our convolute wheels with patented Clean Bond technology aren't like conventional products. Advanced Clean Bond technology guarantees smear-free finishes on a wide range of materials, including high-nickel-content alloys and soft metals. This helps you eliminate rework or reduce finishing steps.

**CARBO SURFACE FINISH GENERAL PURPOSE CONVOLUTE WHEELS**

PART #	SIZE	GRIT	MAX RPM	DENSITY	QTY
<b>ALUMINUM OXIDE - GENERAL PURPOSE</b>					
78072702331	6 x 1/2 x 1	Med	6,000	9	4
<b>SILICON CARBIDE - GENERAL PURPOSE</b>					
66261138410	6 x 1/2 x 1	Fine	6,000	9	4
66261138411	6 x 1 x 1	Fine	6,000	9	3
78072702333	8 x 1 x 3	Med	4,500	8	3
69957300514	8 x 1 x 3	Fine	4,500	7	3
66261128545	8 x 1 x 3	Fine	4,500	8	3
77696095808	8 x 1 x 3	Fine	4,500	9	3
77696095943	12 x 1 x 5	Fine	3,000	8	2
77696095945	12 x 2 x 5	Fine	3,000	8	1

Additional sizes are available MTO (made-to-order). Contact your Carbo representative for availability.

PART #	WHEEL CENTER HOLE	REDUCES CENTER HOLE	QTY
<b>Aluminum Reducing Bushings</b>			
66261080531	3	3 to 1	1
66261080532	3	3 to 1 ¼	1
66261080533	5	5 to 1	1
66261080534	5	5 to 1 ¼	1
66261080535	5	5 to 3	1

Wheel center hole is equal to the bushing outside diameter. Order by number of pairs.  
(Example: 3 = 3 Pairs which = 6 bushings)

**TECH TIP**



- Convolute wheels must always run in the direction indicated by the arrow printed on the side of each wheel.
- Light to medium pressure is recommended. Excessive pressure might result in part damage.
- Lubricants such as water-soluble oil and straight oil will decrease the heat and improve the surface finish and lustre.
- It is the user's responsibility to refer to and comply with all safety regulations.

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**CARBORUNDUM**

www.carbo.com

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