



ENGINEERED | SERVICE | QUALITY

## WHY TANIS BRUSH?

Tanis is a leading manufacturer and supplier of industrial brushes. We take pride in offering custom capabilities to make sure *every* brush fits the customer's application seamlessly, whether it's custom designs, sizes or filaments. We are committed to quality, service and providing the *right* engineered solutions.

Tanis offers a broad range of brushes for countless applications including:

**Metal Back Strip Brushes** – straight and coiled for transport, sealing, produce washing, agriculture, cleaning and beyond

**Material Handling Brushes** for transporting, guiding, conveying of goods and cleaning

**Twisted Brushes** – mini's, wire, tube, hand-held, laboratory, power, abrasive nylon for a wide variety of applications

**Bore-Hone™ Brushes** for surface finishing, internal bores and cylinders

**Scratch Brushes** for industrial cleaning purposes

**Abrasive Brushes** – discs and wheels for surface finishing, cross hole and part deburring

**Wire Power Brushes** for weld prep, cleaning, deburring, removal of dust, paint and debris

**Artist Brushes** for fine detailing



## Spotlight: CeramiX® Wheel Brushes with 3M™ Abrasive Grain 321

### UNMATCHED SURFACE FINISHING & DEBURRING

Tanis CeramiX® industrial brushes are manufactured with an exclusive high-performance filament called 3M™ Abrasive Grain 321. Using this filament, CeramiX brushes deliver up to 6 times the throughput, cutting action and productivity, significantly outperforming silicon carbide in abrasive applications.

The 3M Abrasive Grain is self-sharpening, which means every time it strikes the metal part the grain fractures creating sharp edges that blend, break the edges, and deburr the metal faster and more efficiently.

#### APPLICATIONS

- » Deburring
- » Metal Finishing
- » Surface Conditioning
- » Tool Mark Blending
- » Edge RADIUSING
- » Cutting Tool Honing

#### COMMON USES

- » Hydraulic Cylinders
- » Cam / Crank Shafts
- » Turbine Blades
- » Engine Blocks
- » Machined Parts
- » Cutting Tool Inserts
- » Gears

#### INDUSTRIES

- » Automotive
- » Aerospace
- » Heavy Equipment / Machinery
- » Metal Working
- » Machining Centers
- » Casting Operations
- » Metal Finishing

Contact Sales at [sales@tanisinc.com](mailto:sales@tanisinc.com) for your industrial brush needs.

CeramiX is a registered trademark and Bore Hone is a trademark of Tanis Inc. | 3M Abrasive Grain 321 is a registered trademark of 3M.

# Spotlight: CeramiX® Wheel Brushes with 3M™ Abrasive Grain 321

## CeramiX Large Diameter Wheel Brush with 3M Abrasive Filament

Part Number	Brush Diameter	Grit	Filament Diameter	Arbor Hole	Face Width	Trim Length	Max. RPM
30190	8"	80	.040	2"	1"	2-1/4	3,600



## CeramiX Metal Hub Double Wide Wheel Brush with 3M Abrasive Filament

Part Number	Brush Diameter	Grit	Filament Diameter	Arbor Hole	Hub Material	Face Width	Trim Length	Max. RPM
30964	10"	120	.040	2"	Galvanized Steel	2"	2-1/2"	3,600



## CeramiX Metal Hub Wheel Brush with 3M Abrasive Filament

Part Number	Brush Diameter	Grit	Filament Diameter	Arbor Hole	Hub Material	Face Width	Trim Length	Max. RPM
30032	6"	80	.040	2"	Galvanized Steel	1"	1"	3,600



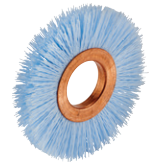
## CeramiX Heavy-Duty Copper Center Wheel Brush with 3M Abrasive Filament

Part Number	Brush Diameter	Grit	Filament Diameter	Arbor Hole	Face Width	Trim Length	Max. RPM
35564	4"	120	.028	5/8"	5/8"	1"	10,000



## CeramiX Small Diameter Copper Center Wheel Brush with 3M Abrasive Filament

Part Number	Brush Diameter	Grit	Filament Diameter	Arbor Hole	Face Width	Trim Length	Max. RPM
35512	1-1/2"	120	.028	1/4"	1/4"	1/2"	10,000



## CeramiX Bore Brush with 3M Abrasive Filament

Part Number	Brush Diameter	Grit	Filament Diameter	Face Width	Trim Length	Shaft Length	Arbor Diameter	Max. RPM
35666	2-1/2"	80	.040	1"	3/4"	4-3/4"	3/8"	6,000



Arbor is not reusable.

## Adapters, Shanks & Accessories

### Wheel Brush Adapter Plates

These slip-fit metal adapters are used for mounting nylon abrasive wheel brushes onto smaller shafts. Fits 6", 8", 10", 12", and 14" wheel brush diameters.



35040 | 35045      35015 | 35005 | 35030

### Wheel Brush Adapter Plates for CNC Machine Shell Mill Holders

Adapters allow simple attachment of wheel brushes to CNC machines. No hassle coupling is achieved by placing adapter plates on both sides of the wheel and securing to the shell mill holder.



35900 to 35930

### Brush Extensions

Brush extensions are available for Copper Center Wheels (6" and 12" extensions) and Metal Hub Wheels (12" extension only). Includes three shoulder bolts to hold up to three brushes (sold separately).



10020

### Air Motor Shanks

For air motors and flexible shafts. Accepts single or multiple brushes.



10033

### Drill Press Shanks

For use in portable tools and drill presses with 1/4" chuck adaptability.



10026

### Plastic Bushings

Plastic bushings are designed for economical, one-time use to match the brush inside diameter with your mounting shaft. Available in a range of inner and outer diameters.



10035

10038

**For more information on sizing & fitting, refer to pages 101 & 102 of the Tanis Catalog.**