



# MATERIAL HANDLING

B R U S H E S





# MATERIAL HANDLING BRUSHES

## Brush Core Construction

Precise cylinder brush core constructions provide excellent brush concentricity. The brush core constructions are illustrated below. Core diameters have no limitations. A larger brush will require a stronger core designed for the application. Shafts can be machined to customer specifications; however weight is a factor in the final assembly. Since most coils are welded directly to a tube or shaft, end rings can be machined to make a better cosmetic appearance or leave the weld and channel exposed for a more economical finish.

Coil wound cylinder brushes can be refurbished using the same shaft or tube. Tanis will remove the worn brush off the existing assembly, then refill the shaft or tube with a new coil wound brush. We can repair journal or stub ends on shafts to provide a new surface for drives and bearings. Dynamic balancing can be provided for a fixed rotation speed or other working conditions in your application.

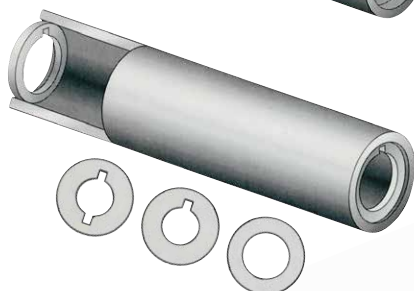
### The Standard Core Systems are:



1. **Solid stainless steel or steel shaft with journal ends** machined to your requirements. Recommended shaft sizes between ½" to 2". Due to weight of the final assembly, we recommend shaft sizes not to exceed 2" diameter.



2. **Stainless steel or steel tubing** is used for the core. Journal ends for drive and bearing surfaces are press fit and shrunk inside the tube. The journal ends are either stainless steel or steel.



3. **Stainless steel or steel tube with end collars** to accept customer's shaft size. Tube diameter can be made to any size. Collars are made with set screws and /or single or double keyways. Design is recommended for slower speed applications.



**Steel Tube with End Collar**

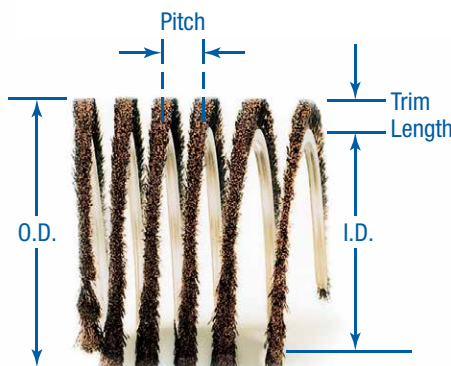
### Solid Steel Shaft with Journal Ends



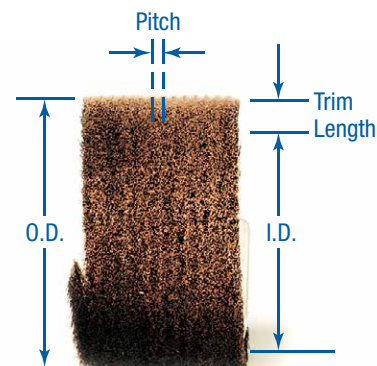
**Loose or Free Coil**



**Assembled Coil**



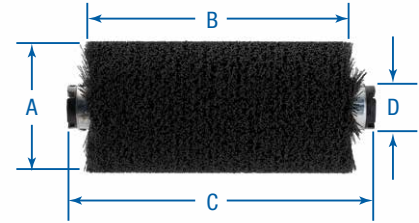
**Open Wound Pitch**  
for a less dense brush



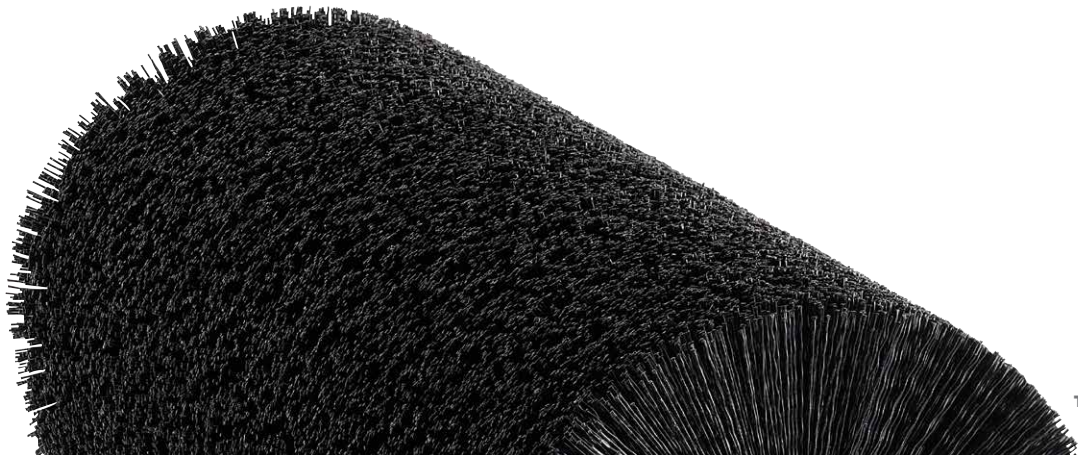
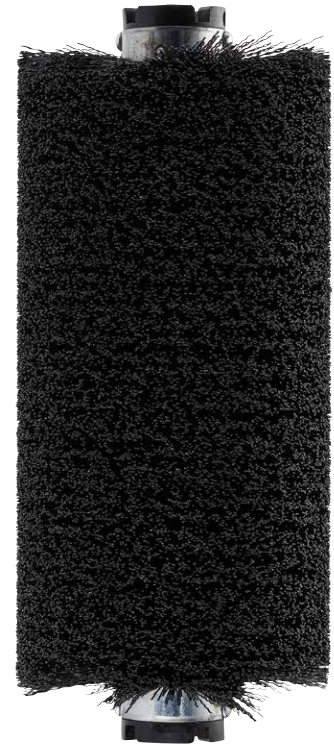
**Close Wound Pitch**  
for a full brush

## “RB” Series Conveyor Cylinder Brushes

The “RB” series are conveyor cylinder brushes coil wound with polypropylene bristles. Brushes are close wound with a dense brush face. The brush is mounted directly to a 16 gauge steel tube with collar ends for easy mounting to your 1" shaft. Collars are made with set screws and keyway and extend 1" on both ends. Cylinder brushes are effective for cleaning conveyor belting and chain, debris removal, material transporting and product positioning.



TANIS PART NO.	BRUSH DIA. (A)	BRUSH FACE (B)	OVERALL LENGTH (C)	TUBE DIA. (D)	COLLAR ENDS	BACKING SIZE	BRISTLE DIAMETER
RB412	4"	12"	14"	1-1/2"	Steel	#4	.006
RB418	4"	18"	20"	1-1/2"	Steel	#4	.006
RB420	4"	20"	22"	1-1/2"	Steel	#4	.006
RB422	4"	22"	24"	1-1/2"	Steel	#4	.006
RB424	4"	24"	26"	1-1/2"	Steel	#4	.006
RB432	4"	32"	34"	1-1/2"	Steel	#4	.006
RB436	4"	36"	38"	1-1/2"	Steel	#4	.006
RB448	4"	48"	50"	1-1/2"	Steel	#4	.006
RB612	6"	12"	14"	2"	Isoplast®	#7	.020
RB618	6"	18"	20"	2"	Isoplast®	#7	.020
RB620	6"	20"	22"	2"	Isoplast®	#7	.020
RB622	6"	22"	24"	2"	Isoplast®	#7	.020
RB624	6"	24"	26"	2"	Isoplast®	#7	.020
RB632	6"	32"	34"	2"	Isoplast®	#7	.020
RB636	6"	36"	38"	2"	Isoplast®	#7	.020
RB648	6"	48"	50"	2"	Isoplast®	#7	.020
RB812	8"	12"	14"	2"	Isoplast®	#7	.030
RB818	8"	18"	20"	2"	Isoplast®	#7	.030
RB820	8"	20"	22"	2"	Isoplast®	#7	.030
RB822	8"	22"	24"	2"	Isoplast®	#7	.030
RB824	8"	24"	26"	2"	Isoplast®	#7	.030
RB832	8"	32"	34"	2"	Isoplast®	#7	.030
RB836	8"	36"	38"	2"	Isoplast®	#7	.030
RB848	8"	48"	50"	2"	Isoplast®	#7	.030
RB1012	10"	12"	14"	2"	Isoplast®	#7	.030
RB1018	10"	18"	20"	2"	Isoplast®	#7	.035
RB1020	10"	20"	22"	2"	Isoplast®	#7	.035
RB1022	10"	22"	24"	2"	Isoplast®	#7	.035
RB1024	10"	24"	26"	2"	Isoplast®	#7	.035
RB1032	10"	32"	34"	2"	Isoplast®	#7	.035
RB1036	10"	36"	38"	2"	Isoplast®	#7	.035
RB1048	10"	48"	50"	2"	Isoplast®	#7	.035

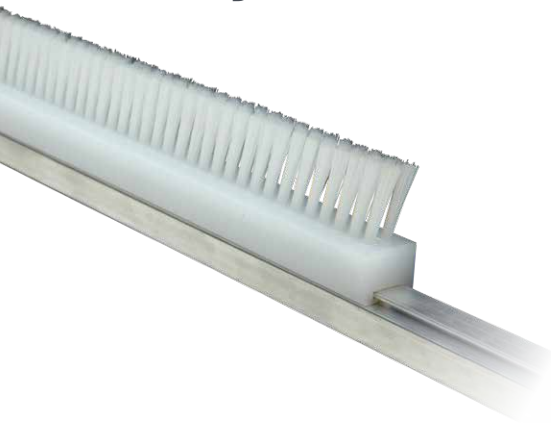






# MATERIAL HANDLING BRUSHES

## Conveyor Guide Rail Brushes



### Conveyor Guide Rail Brushes: Slide-on Strip Brush

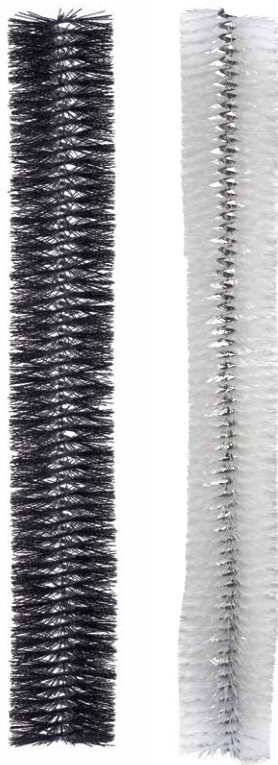
TANIS PART NO.	OVERALL TRIM	OVERALL LENGTH	NUMBER OF ROWS	FILL MATERIAL
CGRB152060	1"	5'	3	.012 Natural Nylon
CGRB152096	1"	8'	3	.012 Natural Nylon
CGRB152120	1"	10'	3	.012 Natural Nylon

### Conveyor Guide Rail Brushes: Heavy-duty Bumper Brush

TANIS PART NO.	OVERALL TRIM	OVERALL LENGTH	NUMBER OF ROWS	FILL MATERIAL
CGRB162060	1"	5'	3	.012 Natural Nylon
CGRB162120	1"	10'	3	.012 Natural Nylon

## Adjustable Conveyor Belt Series

Open wound coil brush for light conveyor cleaning and product positioning. Loose coil wound with 1/2" lead and nylon fill material. Brushes are compatible with 11" to 29" wide conveyors. Simply adjust the mounting angle to fit the width of the conveyor by moving the mounting brackets. Individual coil slides onto 1/2" diameter shaft for easy mounting. Stainless steel components and polyester filament on a 3/4" lead. Available on the Adjustable Conveyor Belt Brush for the food and pharmaceutical industry. **Mounting kits sold separately.**

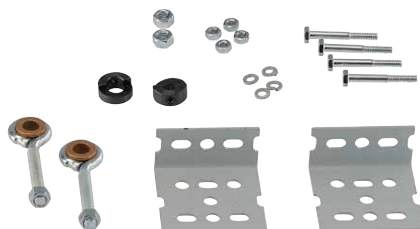


### Adjustable Conveyor Belt Series

TANIS PART NO.	BACKING SIZE	OUTSIDE DIAMETER	BRUSH LENGTH	FILL MATERIAL
CB3510	#4	3-1/2"	30"	.012 Crimped Natural Nylon
CB3520	#4	3-1/2"	30"	.018 Crimped Natural Nylon
CB3530	#4	3-1/2"	30"	.030 Crimped Black Nylon
CB4010	#4	4"	30"	.012 Crimped Natural Nylon
CB4020	#4	4"	30"	.018 Crimped Natural Nylon
CB4030	#4	4"	30"	.030 Crimped Black Nylon
CB6010	#4	6"	30"	.012 Crimped Natural Nylon
CB6020	#4	6"	30"	.018 Crimped Natural Nylon
CB6030	#4	6"	30"	.030 Crimped Black Nylon

### Adjustable Conveyor Belt Series for Food and Pharmaceutical Operations

TANIS PART NO.	BACKING SIZE	OUTSIDE DIAMETER	BRUSH LENGTH	FILL MATERIAL
CB3510FG	#4	3-1/2"	30"	.012 Crimped Natural Polyester
CB3520FG	#4	3-1/2"	30"	.018 Crimped Natural Polyester
CB3530FG	#4	3-1/2"	30"	.030 Crimped Natural Polyester
CB4010FG	#4	4"	30"	.012 Crimped Natural Polyester
CB4020FG	#4	4"	30"	.018 Crimped Natural Polyester
CB4030FG	#4	4"	30"	.030 Crimped Natural Polyester
CB6010FG	#4	6"	30"	.012 Crimped Natural Polyester
CB6020FG	#4	6"	30"	.018 Crimped Natural Polyester
CB6030FG	#4	6"	30"	.030 Crimped Natural Polyester



## Mounting Kit

Kit required for mounting adjustable conveyor brush. Includes 1/2" or 3/4" diameter x 36" long shaft, mounting brackets and hardware.

TANIS PART NO.	DIAMETER	LENGTH
CBKIT	1/2"	36"
CBKITFG	3/4"	36"

## Tanis Stack Brushes

Tanis' Stack brushes are a more cost effective alternative to single spiral wound brushes. Our Stack brushes allow you to replace only the worn sections of the brush, resulting in cost savings. Say goodbye to storing your old cores and refilling them.

If desired, each brush section can have different filament types, diameters and trim heights.

### APPLICATIONS:

Degreasing, washing, transporting, sweeping, grinding particles and preprocessing for screening or laminating.

### BENEFITS:

- Cost savings
- Replaceable sections
- Saves on storage space

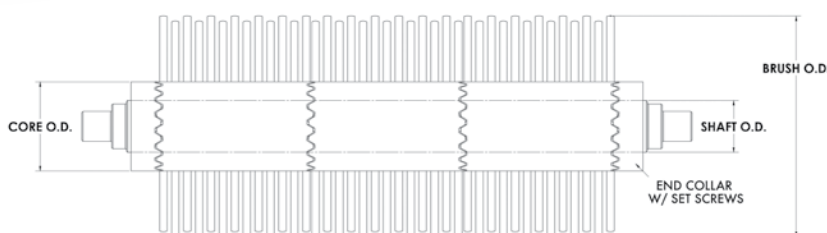
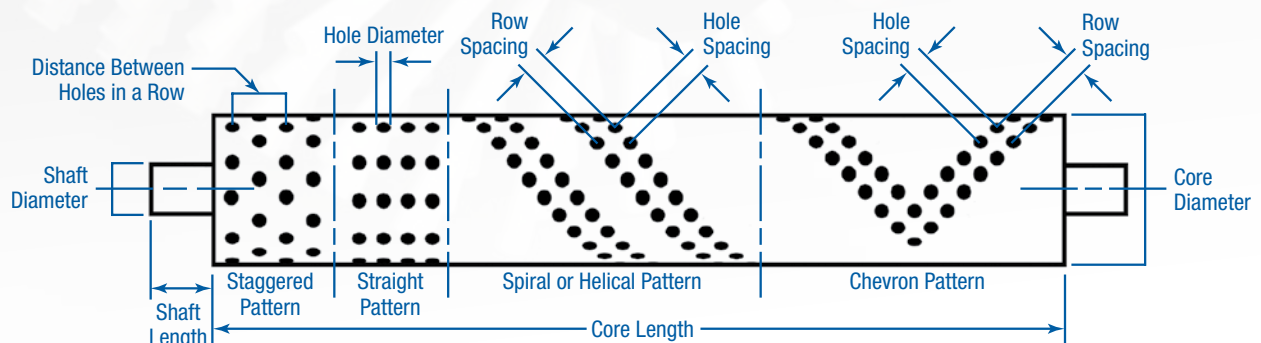
### FILAMENTS AVAILABLE:

- Abrasive nylon
- Nylon
- Polypropylene
- Horse hair
- Others available upon request

**Call for part numbers and pricing.**  
**Other sizes available upon request.**  
 Brush collars must be ordered separately.

End collar with set screws.  
 Adapter rings available depending on size.

## Brush Fill Terminology

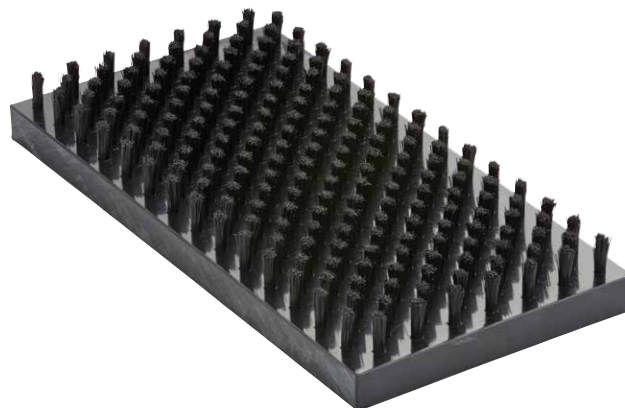




# MATERIAL HANDLING BRUSHES

## Table Top Brush Panels

Table top brush panels, or otherwise known as panel brushes, are often used to support flat surfaces by using many brush fibers that prevent damage to delicate surfaces. These brushes are widely used in sheet metal fabrication, glass panel conveying, wood finishing, or any application where surface finish is a high priority. The variety of dimensions we offer; allow for shorter and harder brush fibers to be used if heavier material is being transported. With a variety of manufacturing capabilities, Tanis Inc. is able to offer custom engineered solutions to many different industries.

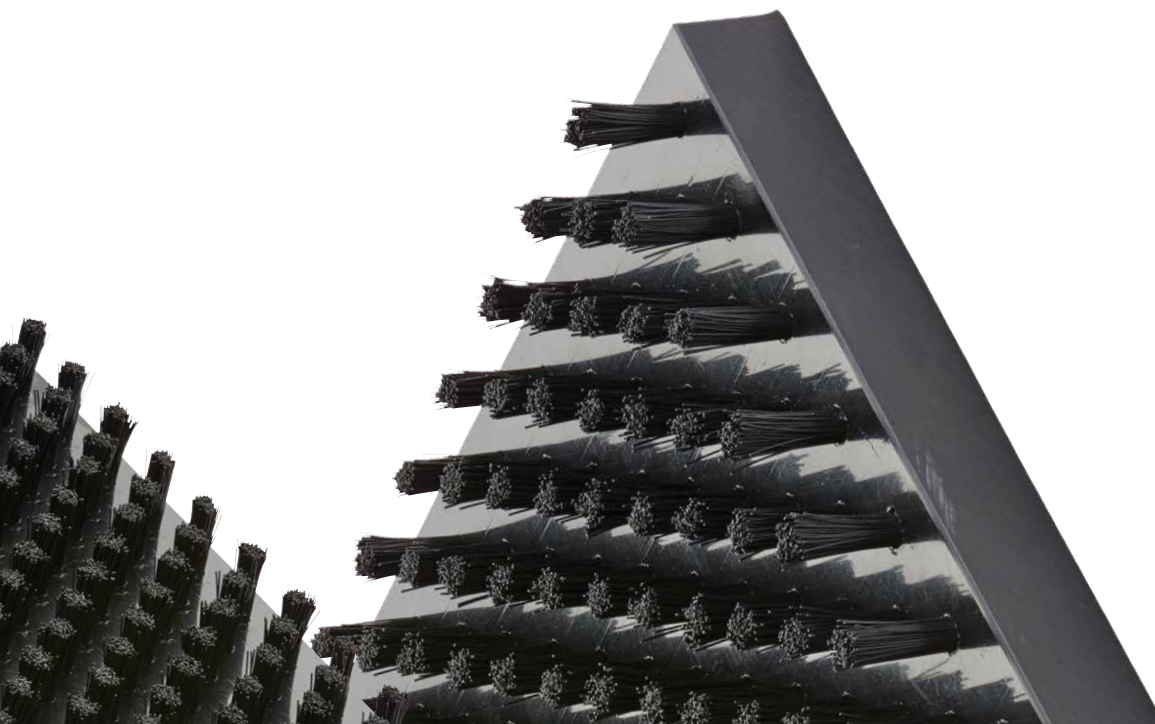


TANIS PART NO.	BRUSH LENGTH	BRUSH WIDTH	BLOCK TYPE	BLOCK THICKNESS	TRIM HEIGHT	TRIM LENGTH	FILAMENT
T12000	12"	3"	HDPE	1/2"	1/2"	1/2"	.006 Level Black Nylon
T12005	12"	6"	HDPE	1/2"	1/2"	1/2"	.006 Level Black Nylon
T12010	12"	12"	HDPE	1/2"	1/2"	1/2"	.006 Level Black Nylon
T12015	12"	18"	HDPE	1/2"	1/2"	1/2"	.006 Level Black Nylon
T12020	12"	3"	HDPE	1/2"	1/2"	1/2"	.012 Level Black Nylon
T12025	12"	6"	HDPE	1/2"	1/2"	1/2"	.012 Level Black Nylon
T12030	12"	12"	HDPE	1/2"	1/2"	1/2"	.012 Level Black Nylon
T12035	12"	18"	HDPE	1/2"	1/2"	1/2"	.012 Level Black Nylon
T12100	12"	3"	HDPE	1/2"	7/8"	7/8"	.012 Level Black Nylon
T12105	12"	6"	HDPE	1/2"	7/8"	7/8"	.012 Level Black Nylon
T12110	12"	12"	HDPE	1/2"	7/8"	7/8"	.012 Level Black Nylon
T12115	12"	18"	HDPE	1/2"	7/8"	7/8"	.012 Level Black Nylon
T12120	12"	3"	HDPE	1/2"	7/8"	7/8"	.020 Level Black Nylon
T12125	12"	6"	HDPE	1/2"	7/8"	7/8"	.020 Level Black Nylon
T12130	12"	12"	HDPE	1/2"	7/8"	7/8"	.020 Level Black Nylon
T12135	12"	18"	HDPE	1/2"	7/8"	7/8"	.020 Level Black Nylon
T12200	12"	3"	HDPE	1/2"	1"	1"	.012 Level Black Nylon
T12205	12"	6"	HDPE	1/2"	1"	1"	.012 Level Black Nylon
T12210	12"	12"	HDPE	1/2"	1"	1"	.012 Level Black Nylon
T12215	12"	18"	HDPE	1/2"	1"	1"	.012 Level Black Nylon
T12220	12"	3"	HDPE	1/2"	1"	1"	.020 Level Black Nylon
T12225	12"	6"	HDPE	1/2"	1"	1"	.020 Level Black Nylon
T12230	12"	12"	HDPE	1/2"	1"	1"	.020 Level Black Nylon
T12235	12"	18"	HDPE	1/2"	1"	1"	.020 Level Black Nylon



## Table Top Brush Panels

TANIS PART NO.	BRUSH LENGTH	BRUSH WIDTH	BLOCK TYPE	BLOCK THICKNESS	TRIM HEIGHT	TRIM LENGTH	FILAMENT
T12040	36"	3"	HDPE	1/2"	1/2"	1/2"	.006 Level Black Nylon
T12045	36"	6"	HDPE	1/2"	1/2"	1/2"	.006 Level Black Nylon
T12050	36"	12"	HDPE	1/2"	1/2"	1/2"	.006 Level Black Nylon
T12055	36"	18"	HDPE	1/2"	1/2"	1/2"	.006 Level Black Nylon
T12060	36"	3"	HDPE	1/2"	1/2"	1/2"	.012 Level Black Nylon
T12065	36"	6"	HDPE	1/2"	1/2"	1/2"	.012 Level Black Nylon
T12070	36"	12"	HDPE	1/2"	1/2"	1/2"	.012 Level Black Nylon
T12075	36"	18"	HDPE	1/2"	1/2"	1/2"	.012 Level Black Nylon
T12140	36"	3"	HDPE	1/2"	7/8"	7/8"	.012 Level Black Nylon
T12145	36"	6"	HDPE	1/2"	7/8"	7/8"	.012 Level Black Nylon
T12150	36"	12"	HDPE	1/2"	7/8"	7/8"	.012 Level Black Nylon
T12155	36"	18"	HDPE	1/2"	7/8"	7/8"	.012 Level Black Nylon
T12160	36"	3"	HDPE	1/2"	7/8"	7/8"	.020 Level Black Nylon
T12165	36"	6"	HDPE	1/2"	7/8"	7/8"	.020 Level Black Nylon
T12170	36"	12"	HDPE	1/2"	7/8"	7/8"	.020 Level Black Nylon
T12175	36"	18"	HDPE	1/2"	7/8"	7/8"	.020 Level Black Nylon
T12240	36"	3"	HDPE	1/2"	1"	1"	.012 Level Black Nylon
T12245	36"	6"	HDPE	1/2"	1"	1"	.012 Level Black Nylon
T12250	36"	12"	HDPE	1/2"	1"	1"	.012 Level Black Nylon
T12255	36"	18"	HDPE	1/2"	1"	1"	.012 Level Black Nylon
T12260	36"	3"	HDPE	1/2"	1"	1"	.020 Level Black Nylon
T12265	36"	6"	HDPE	1/2"	1"	1"	.020 Level Black Nylon
T12270	36"	12"	HDPE	1/2"	1"	1"	.020 Level Black Nylon
T12275	36"	18"	HDPE	1/2"	1"	1"	.020 Level Black Nylon







# MATERIAL HANDLING BRUSHES

**NEW**

## Transport Brushes

Transport Brushes are used for moving parts and packages in a quick, gentle and quiet manner. Combined with a vibrating surface, such as vibratory conveyors or feeder bowls and the brush filaments at a 20-degree angle, the brush parts can be easily transported. These brushes can be used with both dry and wet applications.

### APPLICATIONS

- Vibratory Bowl Feed Lining
- Vibratory Conveying
- Sound Deadening
- Product Transporting
- Conveyor Belt Cleaning
- Metal Finishing and Deburring with Abrasive Filament



**Brush lengths and widths can be customized to fit your specific needs.**





## Conveyor and Cleaning Brushes

Versatile, long-life performance brush products for conveying product, conveyor cleaning, glass cleaning, labeling and packaging, metal finishing, wood defuzzing and many more applications.

### Cleaning and Finishing Brushes:

- Glass Washing and Cleaning
- Bottle Labeling
- Packaging Canned Products
- Cleaning Dispensing Nozzles
- Metal Finishing and Deburring with Abrasive Filament



### Conveyor and Cleaning Brushes:

- Conveyor Cleaning
- Product Transport and Positioning
- Metal Finishing and Deburring with Abrasive Filament



Brush lengths and widths can be customized to fit your specific needs.





# *Need a Custom Brush?*

## **OUR DESIGN & ENGINEERING TEAM CAN HELP!**

**Our commitment to you:** To design and build brushes that can help fix an on-going problem with your operation or process. We've literally designed and built thousands of full custom and modified standard brushes for our customers, which include dozens of large and small OEMs to end users in the food service industry. This service is what separates us from other brush companies. Using the latest technologies, newest materials and our team of experienced engineers, we can design and make a brush that meets your expectations. Ranging from oversize to micro-size, industry specific colors, temperature performance, durability requirements or problem solving design, we've got you covered!



**Contact us today for a free estimate.**  
**(262) 646-9000 | [tanisbrush.com](http://tanisbrush.com)**

# Visit [www.tanisbrush.com](http://www.tanisbrush.com) to purchase online or complete RFQ forms.

**TANIS**  
INCORPORATED

Enter keyword or part number

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**TANIS**  
YOU KNOW YOUR BUSINESS.  
WE KNOW BRUSHES.  
LEARN MORE

Tanis Incorporated is a leading manufacturer of industrial brushes. We specialize in creating custom industrial brushes that match your needs exactly. We serve customers worldwide from OEMs and manufacturing operations to production processes and maintenance operations in many industries.

Since 1987, it has been our priority to provide our customers with the very best industrial brushes on the market. Tanis has been known for our vast selection of brush products, resourceful specialty design, engineering capabilities, and exceptional customer service. As a trusted leader within the industry we are happy to provide the insight that can only come from our expertise.

**FEATURED CATEGORIES**

- STRIP BRUSHES AND HOLDERS VIEW
- TWISTED BRUSHES VIEW
- ABRASIVE BRUSHES VIEW
- ARTIST BRUSHES VIEW
- STAPLED SET BRUSHES VIEW
- SCRATCH BRUSHES VIEW
- POWER BRUSHES VIEW
- ROTARY COIL BRUSHES VIEW
- GENERAL CLEANING VIEW

**ABMA** AMERICAN BRUSH MANUFACTURERS ASSOCIATION  
**ISA** INDUSTRIAL SUPPLY ASSOCIATION  
**STAFDA**  
**ISO 9001**  
**ISO 13485**

All information contained in this catalog was accurate at time of publishing. Information should be used as a reference. Tanis Incorporated reserves the right to change product specifications without notice. Contact Tanis for the latest product information.

**Always follow safety guidelines when using brush products.**

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## Terms of Purchase

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**Payment:** Net 30 days credit to approved customers.  
Credit cards accepted:



**Freight:** Shipments are made F.O.B. Delafield, Wisconsin or Fond du Lac, Wisconsin based on inventory availability.

**Ordering:** Minimum order is \$100 net or subject to process and handling charge. Special brushes are quoted per order.

**Discounts:** Quantity pricing will be quoted separately.

**Prices:** All pricing subject to change without notice.

**Tax:** Orders subject to sales tax.

**Availability:** Items highlighted are normally carried in stock for prompt shipment. Items are subject to availability.

**Returns:** Returns will not be accepted without a **Return Goods Authorization** issued from Tanis, Inc.

Return goods handling charges will be applied to product ordered in error or no longer needed by the customer:

- 10% with a replacement order of equal value.
- 25% without a replacement order.



3660 Kettle Court East  
Delafield, WI 53018

**Customer Service: (800) 234-7002**

**Phone: (262) 646-9000**

**Fax: (262) 646-9005**

**Email: [sales@tanisinc.com](mailto:sales@tanisinc.com)**



***Engineering | Innovation | Customer Care***

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