



CREATING A CLEANER, SAFER, HEALTHIER WORLD.

PARTS AND SERVICE



# Tennant *True*® Brushes

GET SUPERIOR CLEANING PERFORMANCE FROM YOUR TENNANT MACHINES

- Designed specifically for your Tennant machine
- Maximise cleaning effectiveness in one pass
- Achieve better cleaning performance and lower total cost

TENNANT PROVIDES THE  
BEST OVERALL VALUE AND THE **LOWEST**  
**COST TO YOUR BUSINESS**



The brush is one of the most critical components on your Tennant machine for delivering exceptional cleaning performance.

Only genuine Tennant *True*® brushes are designed specifically for cleaning with Tennant machines, delivering better cleaning performance.

Better cleaning performance results in lower costs associated with rework, labour, safety, maintenance, and parts costs helping to run your business more efficiently.

## BENEFITS FROM USING GENUINE **TENNANTTRUE**® BRUSHES

REDUCE REWORK AND EXTRA LABOUR COSTS – GET THE BEST CLEANING PERFORMANCE THE **FIRST** TIME

REDUCE MAINTENANCE COSTS AND MACHINE WEAR

Tennant*True* brushes are designed to fit your Tennant machine and deliver optimal cleaning performance. The correct fit helps reduce machine downtime and service calls.

PROTECT YOUR EMPLOYEES

Slip, trip, and fall accidents are often caused by oily or slippery floors and debris. Using brushes specifically designed for Tennant equipment helps reduce the risks associated with these hazards. Minimise your risk by using genuine Tennant*True* brushes.

GAIN BETTER PERFORMANCE OVER THE BRUSH COMPETITION

At Tennant, brush development is an integral part of new machine development. Brush characteristics are identified and tested with the machine's down pressure, brush speed, and water flow to help ensure the brush operates optimally with the machine design.

WHILE OTHER BRUSH MANUFACTURERS MAY COPY TENNANT'S DESIGNS, ONLY TENNANT*TRUE* BRUSHES ARE DESIGNED AND ENGINEERED SPECIFICALLY TO FIT TENNANT MACHINES



## TAKE A CLOSER LOOK – SEE THE **TENNANTTRUE®** DIFFERENCE



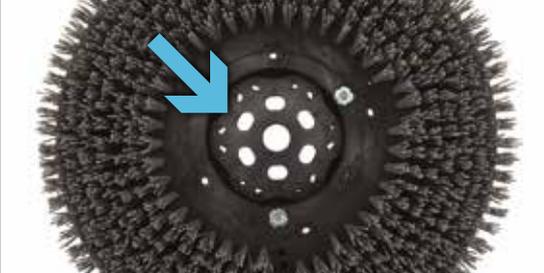
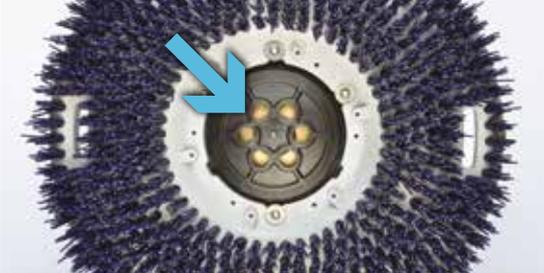
### Disk Brush

#### SOLUTION HOLES (SCRUBBING BRUSHES)

With genuine Tennant*True* brushes, cleaning solution flows through holes in the machine drive plug and brush drive adapter, then moves across the working face of the brush.

When solution holes are obstructed, a significant amount of cleaning solution by-passes the brush – resulting in poor cleaning performance, wasted cleaning solution, and additional labour costs.

Brushes not designed for Tennant machines waste water, cleaning solution, and hinder your operator's performance.

TENNANTTRUE BRUSH	LOOK-ALIKE BRUSH
 A close-up view of a black TennantTrue brush. A blue arrow points to the central drive plug, which has several clear, unobstructed circular holes for solution flow.	 A close-up view of a look-alike brush. A blue arrow points to the central drive plug, which has several holes that are partially blocked by debris or the brush's internal structure, preventing solution flow.
<ul style="list-style-type: none"><li>• Solution flows directly through to the floor</li><li>• No wasted solution or related labour costs</li><li>• Optimal cleaning performance</li></ul>	<ul style="list-style-type: none"><li>• Obstructed holes block solution flow</li><li>• Wasted solution and labour time</li><li>• Reduced cleaning performance</li></ul>

BRUSHES NOT DESIGNED FOR TENNANT MACHINES WASTE TIME,  
MATERIALS, AND MONEY

## SEEING IS BELIEVING

### DRAIN HOLES (SCRUBBING BRUSHES)

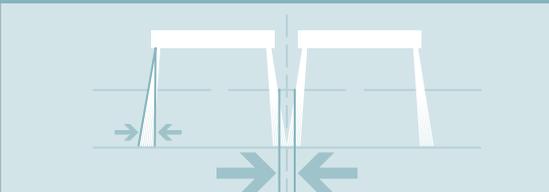
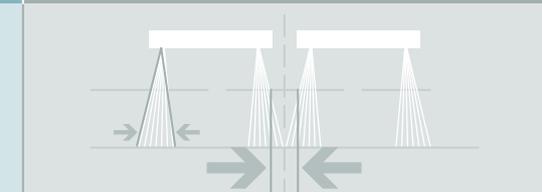
Tennant *True*® brushes include drain holes to help clear the drive plug of debris. Look-alike brushes without drain holes allow grit and grime to collect in between the drive plug and brush adapter. This can accelerate wear and damage to the drive plug (see photos to the right).

TENNANT <i>TRUE</i> BRUSH	LOOK-ALIKE BRUSH
	
<ul style="list-style-type: none"> <li>• Drain holes to flush debris and grit</li> <li>• Delays additional wear on machine's drive plug</li> </ul>	<ul style="list-style-type: none"> <li>• No drain holes to clear away debris</li> <li>• Grit and grime collect in drive plug</li> <li>• Accelerated wear on the machine</li> </ul>

### FLARE DIAMETER (SCRUBBING BRUSHES)

Tennant designs and manufactures brushes for a precision fit to the machine. Look-alike brushes not designed specifically for Tennant machines may result in a wrong fit for a specific machine or application. In a machine with multiple brushes this can cause brush-to-brush interference.

The bristles used in most look-alike brushes are set at an angle to the cleaning surface. As the bristles wear, the gap between the brushes increases and debris is often left on the floor between the brush cleaning paths. Tennant brushes are set nearly perpendicular to the cleaning surface to help extend brush life and minimise re-cleaning.

TENNANT <i>TRUE</i> BRUSH	LOOK-ALIKE BRUSH
	
<ul style="list-style-type: none"> <li>• Precision fit to Tennant machine</li> <li>• Nearly perpendicular bristles provide more effective cleaning</li> <li>• More effective cleaning in one pass</li> </ul>	<ul style="list-style-type: none"> <li>• May be too big or too small for Tennant machines</li> <li>• As the brush wears the gap between brushes increases leaving an unscrubbed strip between the brushes</li> <li>• Extra costs for re-cleaning and parts</li> </ul>



NEW DRIVE PLUG



WORN DRIVE PLUG

Accelerated wear due to lack of drain holes in a look-alike brush



## Insta-Fit™ Adapter

TennantTrue® brushes and pad drivers now include the new Insta-Fit Adapter that makes changing a disk brush or pad driver easier. The adapter guides the brush or pad driver onto the machine easily, without requiring the operator to line up the brush or pad driver to the hub. The Insta-Fit Adapter is available on T5 and larger scrubber-dryers.

TENNANTTRUE® BRUSH	LOOK-ALIKE BRUSH
	
<ul style="list-style-type: none"> <li>• Reduce installation time and effort over previous brush and pad driver designs</li> <li>• Increase confidence in proper installation with intuitive design and audible 'click' when brush is attached</li> <li>• Require less force for brush and pad driver for easier installation</li> </ul>	<ul style="list-style-type: none"> <li>• Longer installation time versus improved designs</li> <li>• Less intuitive design and higher potential for incomplete installation</li> <li>• More force required for brush and pad driver installation</li> </ul>

The Insta-Fit adapter has two yellow touch-points that enable the spring to be pre-loaded for even easier installation. Simply pull them outward and then push down to pre-load the spring.

## Brush Wear Indicator

TennantTrue® disk brushes now include a brush wear indicator that takes the guesswork out of brush replacement to ensure optimal cleaning performance. New yellow tufts indicate when it is time to replace worn out brushes to ensure appropriate replacement intervals and institute a consistent cleaning protocol.



## Side Brush (SWEEPING BRUSH)

Bristle tufts on a side brush are flared outward to provide reach into corners and around edges, pulling debris in front of the sweeper for pick-up by the main brush. Tennant specifies the proper gauge of material and flare angle to provide the maximum reach without compromising stiffness or sweeping performance. Look-alike brushes often use lower grade, or improperly sized bristle materials, causing bristles to deform and cleaning performance to decline after just a few uses.

TENNANTTRUE® BRUSH	LOOK-ALIKE BRUSH
	
<ul style="list-style-type: none"><li>• Larger flare diameter provides wider cleaning path</li><li>• Premium bristle for stiffness and strength</li></ul>	<ul style="list-style-type: none"><li>• Smaller flare diameter reduces cleaning path</li><li>• Lower grade bristle material with uneven bristles</li></ul>





## Cylindrical Brush

Long life cylindrical brushes are designed for effective sweeping and scrubbing.

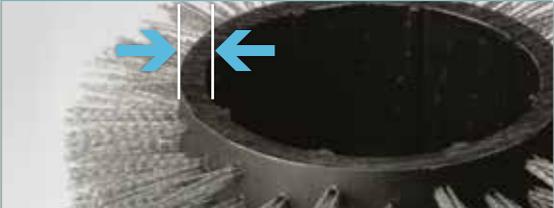
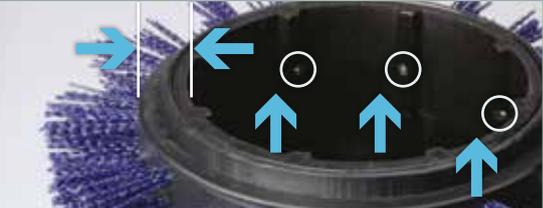
### MANUFACTURING STANDARDS

Tennant *True*® brush tubes are manufactured to the industry's tightest standards for straightness, roundness, wall thickness, and fit ensuring a smooth, balanced operation of the brush. These characteristics help prevent excessive wear and strain on the various machine components.

TENNANT <i>TRUE</i> BRUSH	LOOK-ALIKE BRUSH (WITH ADAPTER)
<ul style="list-style-type: none"> <li>• Precise extruding process creates a straighter, rounder tube for easier installation</li> <li>• Consistent cleaning performance</li> <li>• Minimise vibration and noise</li> </ul>	<ul style="list-style-type: none"> <li>• Potential installation problems</li> <li>• Uneven cleaning performance</li> <li>• An unbalanced brush produces chatter and noise</li> </ul>

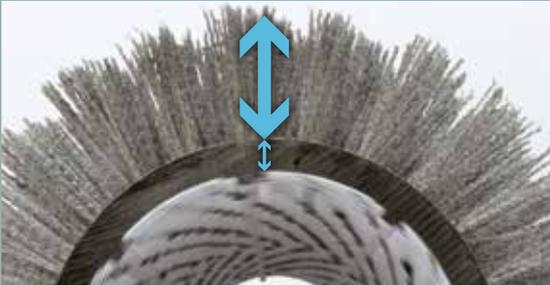
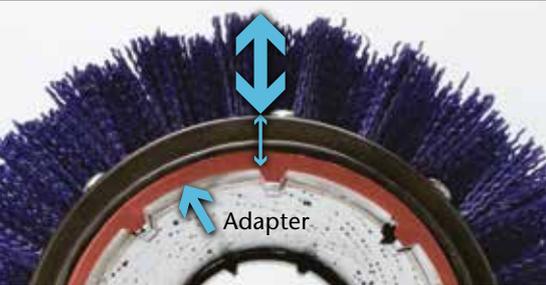
### SPLINE DRIVE

The spline on each Tennant *True* brush tube is extruded as part of the brush manufacturing process to ensure the best fit on Tennant machines. Look-alike brushes require adapters with screws that can negatively affect brush installation and performance.

TENNANT <i>TRUE</i> BRUSH	LOOK-ALIKE BRUSH
 <ul style="list-style-type: none"> <li>• Spline extruded as part of the brush tube</li> <li>• Designed for Tennant machines; no adapter required</li> <li>• Easy installation and high performance</li> </ul>	 <ul style="list-style-type: none"> <li>• Adapter and screws needed to fit a Tennant machine can negatively impact installation and performance</li> <li>• Screws may interfere with the brush drive plug during installation</li> <li>• Difficult to install</li> </ul>

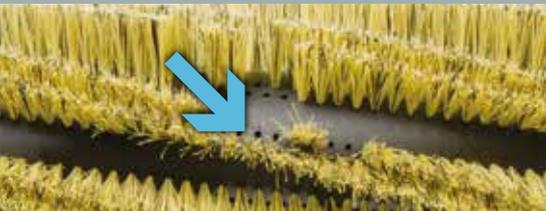
## BRUSH TUBE DIAMETER

Tennant *True*® brushes provide a maximum bristle length for the longest possible wear. Look-alike brushes that require an adapter add weight to the overall brush and can compromise bristle length by up to 31 percent.\*

TENNANT <i>TRUE</i> BRUSH	LOOK-ALIKE BRUSH
	
<ul style="list-style-type: none"><li>• Longer brush life reduces cost</li><li>• Maximum bristle length for longer wear</li><li>• Ideal weight for performance</li></ul>	<ul style="list-style-type: none"><li>• Increased costs with more frequent replacements</li><li>• Shorter bristle length</li><li>• Adapter adds weight causing strain on the machine</li></ul>

## BRISTLE TUFT ANCHORING

Tennant specifies a pull test measurement for bristle tufts to ensure they are secure and anchored to the brush. Brush bristles work best and longest when they are anchored securely. Look-alike brushes often have poorly secured bristle tufts that can fall out or be pulled out when going over floor grates or other rough surfaces.

TENNANT <i>TRUE</i> BRUSH	LOOK-ALIKE BRUSH
	
<ul style="list-style-type: none"><li>• Secure anchoring</li><li>• No lost bristles</li><li>• High pull test specification</li></ul>	<ul style="list-style-type: none"><li>• Loose or unsecure bristles</li><li>• Bristles can fall out or be pulled out</li><li>• Inconsistent pull test results</li></ul>

\* Based on scrub brush when worn to 3/4 cm bristle length



## CHOOSING THE RIGHT BRUSH



**FULL-FILL**  
Designed with a dense pattern for trapping sand, dust, and other fine debris.



**SAND WEDGE**  
Patented high-density sweeping and scrubbing brush effectively picks up heavier accumulations of fine debris.



**FULL-FILL TUBE BROOM**  
Heavy-gauge polypropylene material provides superior performance on uneven or irregular surfaces. Used on Tennant's larger outdoor sweeping machines.



**WINDOW BRUSH**  
Patented brush with openings that trap light litter, including small paper scraps.



**6/8 DOUBLE ROW**  
General purpose brush with bristles that pick-up fine debris while the spacing between the rows effectively traps bulkier litter.



**PATROL BRUSH**  
Wider spacing between bristle rows that effectively pick-up bulky litter during high-speed sweeping.



**SIDE BRUSHES**  
Round, flared design reaches into corners and along edges, pushing debris in front of the sweeper for pick-up by the main broom.

## Tennant True® Patented Brushes

### TENNANTTRUE SAND WEDGE BRUSH (SWEEPING BRUSH)

Tennant's patented sand wedge design contains the same amount of bristle material as high density brushes with distinctive gaps that perform a digging action. This design is most effective for heavy concentrations of sand and other fine materials found in foundries, bakeries, and cement plants.



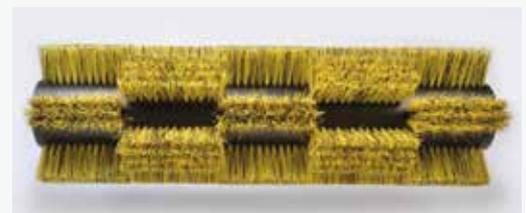
### TENNANTTRUE SAND WEDGE BRUSH (SCRUBBING BRUSH)

Tennant's patented sand wedge scrubbing brush is designed to effectively collect debris and more evenly distribute and contain water. Effective cleaning performance helps reduce labor costs.



### TENNANTTRUE WINDOW BRUSH (SWEEPING BRUSH)

The patented Tennant window design is most effective for sweeping bulky items or small paper scraps. With openings that trap larger debris, this brush is ideal for printing and packaging plants and warehouses.



## Brush Fill Pattern

### CHOOSE THE RIGHT BRUSH FOR YOUR APPLICATION

Take the guesswork out of choosing brushes. Our factory-direct sales and service representatives learn about your needs and recommend the best brush for each job.

Tennant sweeping brushes are built to last. Made with premium, heavy-duty raw materials and a unique spline drive system, these brushes transfer power efficiently from hub to brush for superior performance and long service life.



## SCRUBBING BRUSHES

Long-life disk and cylindrical brushes feature plastic backings and brush tubes to protect against warping and splitting. Drain holes on disk brushes help flush water and grit from high-wear areas to protect the machine's drive plug and ensure optimum brush speeds.

### CYLINDRICAL AND DISK

Full-fill bristle patterns are trimmed to optimal length for floor surface coverage; appropriate bristle stiffness delivers effective scrubbing performance.

## Brush Selector Based On Floor Type and Cleaning Process

PROCESS:	INDUSTRIAL FLOORS			DECORATIVE FLOORS		
	Uncoated Concrete, Brick, Cobblestone, Asphalt			Coated Concrete, Tile, Terrazzo, Finished Wood, Soft Sports Floors		
	AGGRESSIVENESS			AGGRESSIVENESS		
	LEAST		MOST	LEAST		MOST
Light Scrubbing, Polishing	Nylon	Polypropylene		Nylon		Polypropylene
Medium Scrubbing	Polyester	Polypropylene	Heavy Duty Polypropylene	Polyester		Polypropylene
Heavy Scrubbing	Heavy Duty Polypropylene	Abrasive	Super Abrasive	Heavy Duty Nylon		Heavy Duty Polypropylene
Buildup, Removal, Stripping	Abrasive		Super Abrasive	Abrasive		Super Abrasive

*These recommendations are provided as general guidelines for most conditions. Consult your Tennant Sales or Service Representative if an on-site appraisal is required.*



CYLINDRICAL SCRUB BRUSH

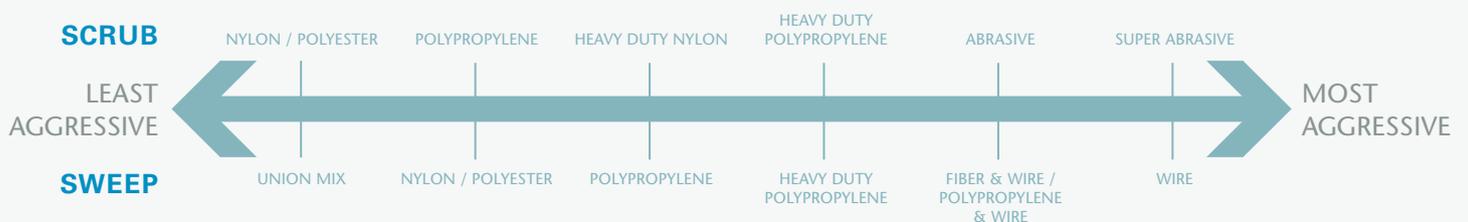


DISC SCRUB BRUSH



SAND WEDGE SCRUB BRUSH

## Brush Fill Material Guide





## FREQUENTLY ASKED QUESTIONS

**Q** How does better cleaning performance reduce my overall cost?

**A** Better cleaning performance requires less rework, which means lower labour costs, reduced safety claim risks, and lower costs for maintenance and parts.

**Q** What is the difference between a “Tennant True® OEM” part and a look-alike “Tennant Aftermarket” part?

**A** Tennant True OEM parts are designed and tested by Tennant engineers to optimise the cleaning performance of Tennant equipment. “Tennant Aftermarket” parts not designed by Tennant may not have equal form, fit, or function, resulting in less effective cleaning performance and higher costs.

**Q** How do I ensure the superior performance for my Tennant cleaning machines?

**A** Use only genuine Tennant True parts, follow the planned maintenance schedule for your Tennant machine, and call on our factory-direct sales and service organisation if you need help.

**Q** How can I be sure I am using Tennant True parts?

**A** Order your parts directly from Tennant or request Tennant designed and manufactured parts through an authorised Tennant machine and parts distributor.

**Q** How can I learn more about Tennant True brushes?

**A** Contact your local sales representative or local service technician, visit [www.Tennantco.com/brushes](http://www.Tennantco.com/brushes).

The only way to ensure superior cleaning performance is to use Tennant True brushes on your Tennant machines.

### SEEING IS BELIEVING

*For a demonstration or additional information contact us:*

#### TENNANT UK CLEANING SOLUTIONS LTD

Gladstone Road  
Northampton NN5 7RX  
UNITED KINGDOM  
Tel: 0800 111 4402 (local rate UK only)  
Tel: 01604 583191  
Fax: 0845 052 9349  
E-mail: [sales.uk@tennantco.com](mailto:sales.uk@tennantco.com)  
E-mail: [enquiries@tennantco.com](mailto:enquiries@tennantco.com)

#### TCS EMEA GmbH

Sommerfeld 1  
5202 Neumarkt am Wallersee  
AUSTRIA  
Tel: +43 (0)6216 4524 & 4525  
Fax: +43 (0)6216 4524 20  
E-mail: [office@tennant-cee.com](mailto:office@tennant-cee.com)

#### TENNANT EUROPE NV

Roderveldlaan 3  
2600 Antwerp  
BELGIUM  
Tel: +32 3 217 94 11  
Fax: +32 3 217 94 19  
E-mail: [europe@tennantco.com](mailto:europe@tennantco.com)