

# ANTI-STATIC BRUSHES



Anti-Static Brushes are made from low charging materials and natural materials that are near neutral on the triboelectric chart. They neither give nor take electrons and, therefore, remain essentially electrically neutral. There can, however, be a slight charge created. In extreme voltage sensitive applications, these brushes should be used only in a liquid environment.

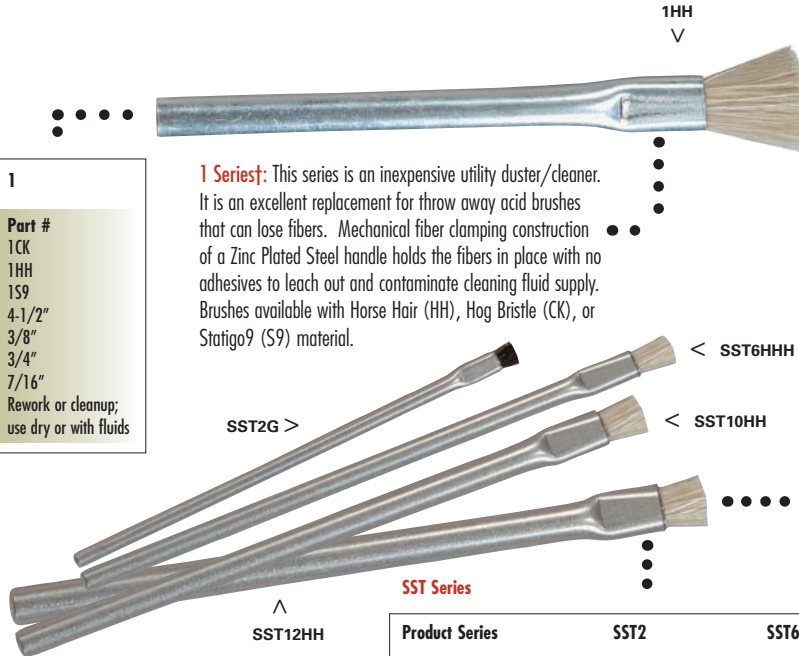
### 1 Series

<b>Product Series</b>	1	
<b>Bristle Material</b>	<b>Part #</b>	
Hog Bristle	1CK	
Horse Hair	1HH	
<b>NEW</b> Statigo9	1S9	
<b>Handle Length</b>	4-1/2"	
<b>Diameter</b>	3/8"	
<b>Bristle Trim Length</b>	3/4"	
<b>Tuft Diameter (Oval)</b>	7/16"	
<b>Use</b>	Rework or cleanup; use dry or with fluids	

**1 Series†:** This series is an inexpensive utility duster/cleaner. It is an excellent replacement for throw away acid brushes that can lose fibers. Mechanical fiber clamping construction of a Zinc Plated Steel handle holds the fibers in place with no adhesives to leach out and contaminate cleaning fluid supply. Brushes available with Horse Hair (HH), Hog Bristle (CK), or Statigo9 (S9) material.

\*All metal and wood handle brushes can be used in ESD sensitive environments as long as the brush remains saturated in liquid. It is recommended that the brush be tested on the required application to confirm ESD compatibility.

† Application: All materials for these high quality brushes are manufactured for detail cleaning, such as printed circuit boards and SMT assemblies, or for use as fluid applicators.



**SST Series †:** This series includes four handy sizes to fit most benchwork needs. All are made with Stainless Steel handles. All have strong mechanical fiber clamping for maximum fiber retention and no adhesives that can leach out and contaminate surface areas. Brushes are available with Goat Hair (G), Horse Hair (HH), or Hog Bristle (CK) material.

### SST Series

<b>Product Series</b>	SST2	SST6	SST10	SST12
<b>Bristle Material</b>	<b>Part #</b>	<b>Part #</b>	<b>Part #</b>	<b>Part #</b>
Goat	SST2G	SST6G	SST10G	SST12G
Hog Bristle	SST2CK	SST6CK	SST10CK	SST12CK
Horse Hair	SST2HH	SST6HH	SST10HH	SST12HH
<b>Handle Length</b>	3-1/2"	4-3/4"	4-3/4"	6"
<b>Diameter</b>	1/8"	3/16"	5/16"	3/8"
<b>Bristle Trim Length</b>	1/8"	5/16"	3/8"	3/4"
<b>Tuft Diameter (Oval)</b>	1/8"	1/4"	3/8"	7/16"
<b>Use</b>	Fine detail cleaning Fluid applicator	Fine detail cleaning Fluid applicator	Fluid applicator General use	Fluid applicator General use

**Double Ended Series †:** This series has two sizes with two end styles (tapered and flat) to fit your needs. Fibers are mechanically clamped into the handle for maximum fiber retention so that no adhesives can leach out and contaminate surfaces being cleaned. Brushes are available with Horse Hair (HH) or Hog Bristle (CK) material. Handle material for the 1005 is Stainless Steel, and the 1010 handle is Zinc Plated Steel.



### Double Ended Series

<b>Product Series</b>	1005	1010
<b>Bristle Material</b>	<b>Part #</b>	<b>Part #</b>
Hog Bristle	1005CK	1010CK
Horse Hair	1005HH	1010HH
<b>Handle Length</b>	4-1/2"	4-1/2"
<b>Diameter</b>	3/16"	3/8"
<b>Bristle Trim Length</b>	1/4" - Tapered 1/2" - Flat	3/16" - Tapered 1/4" - Flat
<b>Tuft Diameter (Oval)</b>	Oval	Oval
<b>Use</b>	Short end for heavy duty scrubbing Chiseled end to reach and scrub tight corners	

**Wood Scratch Brushes\*:** The 30 Series is a small, inexpensive, three row "scratch" or "toothbrush" style brush made of rugged and static-neutral Plywood. The 36 Series is a four row "scratch" brush on a larger handle. Horse Hair versions are great cleaners/dusters. Hog Bristle versions work great where a stiffer brush is needed. Both styles are available in Horse Hair (HH), Hog Bristle (CK), stiff Stainless Steel (SS), or stiff Brass (B) material.

### Wood Scratch Brushes

<b>Product Series</b>	30	36
<b>Bristle Material</b>	<b>Part #</b>	<b>Part #</b>
Hog Bristle	30CK	36CK
Horse Hair	30HH	36HH
Brass	30B	36B
Stainless Steel	30SS	36SS
<b>Handle Length</b>	7-3/4"	8-3/8"
<b>Handle Width</b>	7/16"	1-1/16"
<b>Bristle Trim Length</b>	7/16"	3/4"
<b>Bristle Length</b>	1-3/8"	2-1/8"
<b>Bristle Width</b>	5/16"	7/8"
<b>Use</b>	Board rework and cleanup	Board rework and cleanup General utility brush



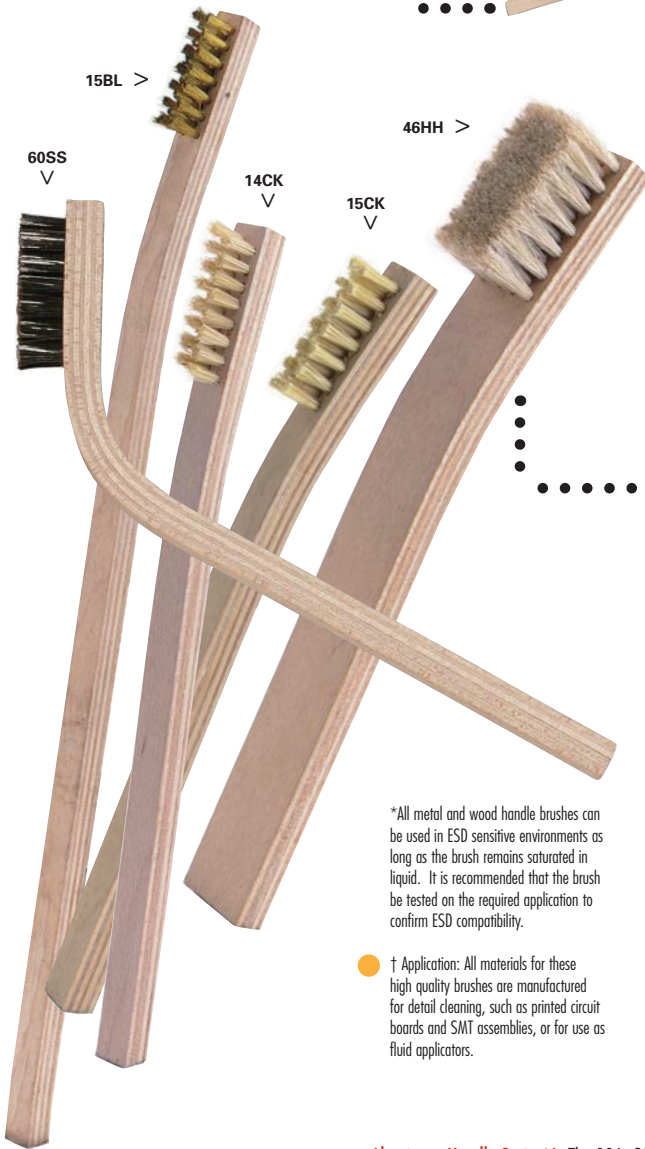
**WA Series**

Product Series	WA7	WA12	WA24	WA68
<b>Bristle Material</b>	<b>Part #</b>	<b>Part #</b>	<b>Part #</b>	<b>Part #</b>
Goat Hair	WA7G	—	—	—
Hog Bristle	WA7CK	WA12CK	WA24CK	WA68CK
Horse Hair	WA7HH	WA12HH	WA24HH	WA68HH
<b>Handle Length</b>	7"	4-15/16"	5-5/8"	5-5/8"
<b>Handle Width</b>	3/16"	1-1/16"	2" x 1/2"	6" x 3/4"
	diameter	at head	block head	block head
<b>Bristle Trim Length</b>	1/2"	1/2"	1/2"	1"
<b>Bristle Length</b>	N/A	7/8"	1-3/4"	5-3/4"
<b>Bristle Width</b>	N/A	3/8"	3/8"	1/2"
<b>Use</b>	Detail brush	Duster/scrub	Duster/scrub	Duster/Scrub
	For small to larger areas, especially on circuit boards			

WA68HH >



**WA Series\*†:** This series is comprised of various wood handle sizes designed for dusting and scrubbing, particularly on circuit boards. The WA7 Series has an "orange stick" chiseled handle on one end for debris removal. The WA12 Series is a heavy-duty scrubber or duster. The WA24 and WA68 Series are heavy-duty scrubbers or dusters for larger areas. Brushes are available in Goat Hair (G), Horse Hair (HH), or Hog Bristle (CK) material.



**Wood Scratch Brushes (Hand Laced)**

Product Series	11P	14	15	15L	46	60
<b>Bristle Material</b>	<b>Part #</b>	<b>Part #</b>	<b>Part #</b>	<b>Part #</b>	<b>Part #</b>	<b>Part #</b>
Hog Bristle	11CKP	14CK	15CK	15CKL	46CK	60CK
Horse Hair	11HHP	14HH	15HH	15HHL	46HH	60HH
Brass	11BP	14B	15B	15BL	46B	60B
Soft Brass	11BP-003	14B-003	15B-003	15BL-003	—	—
Stainless Steel	11SSP	14SS	15SS	15SSL	46SS	60SS
Soft Stainless Steel	11SSP-003	14SS-003	15SS-003	15SSL-003	—	—
<b>Handle Length</b>	7-3/4"	7-3/4"	7-3/4"	14"	8-1/2"	7-3/4"
<b>Handle Width</b>	7/16"	5/16"	7/16"	7/16"	1"	7/16"
<b>Bristle Trim Length</b>	7/16"	7/16"	7/16"	7/16"	3/4"	7/16"
<b>Bristle Length</b>	1-3/8"	1-3/8"	1-3/8"	1-3/8"	1-5/8"	1-3/8"
<b>Bristle Width</b>	1/8"	3/8"	5/16"	5/16"	7/8"	5/16"
<b>Use</b>	Fine detail cleaning	Slightly wider for tough spots	Detail cleaning and scrubbing	Long handle detail cleaning	Larger scrubber	60° angle for tough spots

**Wood Scratch Brushes (Hand Laced)\*†:** The 11P, 14 and 15 Series brushes are the same style Plywood handles, with one, two or three rows of bristles, hand laced with stainless steel wire for maximum fiber retention and long use. The 11P has a small face width. The 14 Series has a slightly wider Plywood handle. The 15 Series has hand laced fibers for maximum fiber retention and durability. Versions with extra fine Stainless Steel and Brass fill (.003 diameter) provide a very soft cleaning brush. The 15L Series is a 15 Series with the Plywood handle almost twice as long to reach those extra far away locations. The 46 Series is a large scrubber brush to be used when wide areas are cleaned. Again, the fibers are hand laced. The 60 Series is another variation on the 15 and 15L Series with a 60 degree angle handle to reach difficult locations. All brushes are available in Horse Hair (HH), Hog Bristle (CK), Stainless Steel (SS), or Brass (B) material.

\*All metal and wood handle brushes can be used in ESD sensitive environments as long as the brush remains saturated in liquid. It is recommended that the brush be tested on the required application to confirm ESD compatibility.

† Application: All materials for these high quality brushes are manufactured for detail cleaning, such as printed circuit boards and SMT assemblies, or for use as fluid applicators.

**Aluminum Handle Series\*†:** The 11A, 22A and 33A Series brushes are the same style Aluminum handles, with one, two or three rows of bristles. Brushes are available with Horse Hair (HH) or Hog Bristle (CK) material. These brushes are great for fine detailing and fitting into tight areas. The fibers are hand laced for better fiber retention and durability.



**Aluminum Handle Series**

Product Series	11A	22A	33A
<b>Bristle Material</b>	<b>Part #</b>	<b>Part #</b>	<b>Part #</b>
Hog Bristle	11CKA	22CKA	33CKA
Horse Hair	11HHA	22HHA	33HHA
<b>Handle Length</b>	6-7/16"	6-7/16"	6-7/16"
<b>Handle Width</b>	1/8"	1/4"	3/8"
<b>Bristle Trim Length</b>	7/16"	7/16"	7/16"
<b>Bristle Length</b>	1-3/16"	1-3/16"	1-3/16"
<b>Bristle Width</b>	3/16"	1/4"	5/16"
<b>Use</b>	Fine detail cleaning	Fine cleaning	Fine cleaning

**299991 Series**

<b>Bristle Material</b>	<b>Part #</b>
Hog Bristle	299991CK
Horse Hair	299991HH
<b>Handle Length and Width</b>	7-3/4" x 7/16"
<b>Bristle Trim Length</b>	7/16"
<b>Bristle Length and Width</b>	4" x 1/4"
<b>Use</b>	Forcefully clean narrow areas



**299991 Series\*†:** This series has a slightly curved Plywood handle that allows for a larger fiber area with reaching capability. Brush is available with Horse Hair (HH) or Hog Bristle (CK) material.

**359994 Brush\*:** This brush is a smaller handle scrub brush with a straight, Hardwood handle with soft Horse Hair fill to clean narrow areas.

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**359994 Brush**

<b>Bristle Material</b>	<b>Part #</b>
Horse Hair	359994
<b>Handle Length and Width</b>	10-3/16" x 5/8"
<b>Bristle Trim Length</b>	3/4"
<b>Bristle Length and Width</b>	4-3/4" x 1/2"
<b>Use</b>	Scrub brush for narrow areas

**403 Series:** This series is a long Hardwood handle scrub brush with a large bristled area. Brush is available with Horse Hair (HH) or Hog Bristle (CK) material.



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**403 Series**

<b>Bristle Material</b>	<b>Part #</b>
Hog Bristle	403CK
Horse Hair	403HH
<b>Handle Length and Width</b>	13-3/4" x 7/8"
<b>Bristle Trim Length</b>	1"
<b>Bristle Length and Width</b>	5-1/2" x 5/8"
<b>Use</b>	Long handle scrub brush

869904CK >



**869904 Series and 900492 Series**

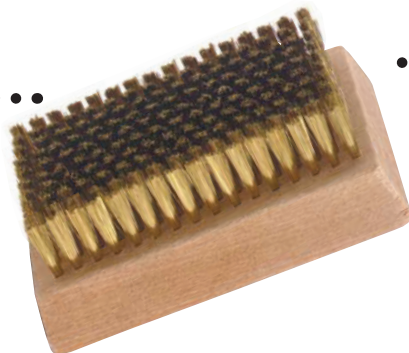
Product Series	869904	900492
<b>Bristle Material</b>	<b>Part #</b>	<b>Part #</b>
Hog Bristle	869904CK	900492CK
Horse Hair	869904HH	900492HH
<b>Handle Length</b>	2-1/2"	3-1/2"
<b>Handle Width</b>	1-3/8"	2-1/4"
<b>Bristle Trim Length</b>	5/8"	1/2"
<b>Bristle Length</b>	2"	3-1/8"
<b>Bristle Width</b>	1-1/8"	2"
<b>Use</b>	Small scrub without handle	Scrub brush with handle for tight places

**869904 Series and 900492 Series\*:** The 869904 Series is a great small scrub brush for use when a handle gets in the way. It is available with Horse Hair (HH) or Hog Bristle (CK) material. The 900492 Series is a scrub brush with a Hardwood handle for ease of use to get into tight places while providing protection for hand and knuckles. Made with Horse Hair (HH) or Hog Bristle (CK) material.

**G1308 Series**

<b>Bristle Material</b>	<b>Part #</b>
Horse Hair	G1308HH
Stainless Steel	G1308SS
Brass	G1308B
Brass/Horse Hair	G1308
<b>Block Length and Width</b>	4-1/4" x 2-1/2"
<b>Bristle Trim Length</b>	3/4"
<b>Bristle Length and Width</b>	3-5/8" x 1-15/16"
<b>Use</b>	Rectangular design to clean circuit boards and other ESD uses

**G1308 Series\*:** This series is a small rectangular Hardwood block brush for the ESD controlled environment. It is densely filled and easy to grip. This brush is available with Horse Hair (HH), soft Stainless Steel (SS), soft Brass (B), and a version with an outer row of Horse Hair with the rest of the brush filled with soft Brass material.



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**Gordon Brush** Mfg. Co., Inc.  
BIGGER BETTER BRUSH IDEAS



**426 Series**

<b>Product Series</b>	<b>426</b>	<b>426ST</b>
<b>Bristle Material</b>	<b>Part #</b>	<b>Part #</b>
Hog Bristle	426CK	426CKST
Horse Hair	426HH	426HHST
<b>Block Length and Width</b>	7-1/8" x 2-1/4"	7-1/8" x 2-1/4"
<b>Bristle Trim Length</b>	3/4"	1/4"
<b>Bristle Length and Width</b>	6-5/8" x 1-7/8"	6-5/8" x 1-7/8"
<b>Use</b>	Hand scrub	Hand scrub



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426CKST

**426 Series\***: This series is an all natural material hand scrub brush. The brush is available with Horse Hair (HH) or Hog Bristle (CK) material. These brushes are used for large printed circuit board rework. The suffix "ST" in the part number refers to "Short Trim". Short Trim makes the brush extremely stiff for lead trimming removal and tough cleaning jobs.

**INSULATIVE BRUSHES**

Insulative Brushes have a surface resistivity of  $10^{12} - 10^{16}$  and are an inexpensive water resistant alternative to Anti-Static Brushes. They are best used in an environment where static is not critical to the task at hand or where the brush is submerged in liquid when in use.

**Plastic Handle Applicator Series**

<b>Product Series</b>	<b>187</b>	<b>250</b>	<b>375</b>	<b>499</b>
<b>Bristle Material</b>	<b>Part #</b>	<b>Part #</b>	<b>Part #</b>	<b>Part #</b>
Nylon	187NP	250NP	375NP	499NP
<b>Handle Length</b>	4-1/2"	4-1/2"	4-1/2"	4-1/2"
<b>Diameter</b>	3/16"	1/4"	3/8"	1/2"
<b>Bristle Trim Length</b>	3/8"	1/2"	3/4"	1"
<b>Bristle Diameter</b>	3/16"	1/4"	3/8"	1/2"
<b>Use</b>	Applying liquids or fluids, as well as brushing			



**Plastic Handle Applicator Series\***: The 187, 250, 375 and 499 Series represent four sizes of applicator style brushes made with Nylon fiber and Delrin handles. For use in situations where you need a round brush to clean fine areas.

\*All metal, plastic, and wood handle brushes can be used in ESD sensitive environments as long as the brush remains saturated in liquid. It is recommended that the brush be tested on the required application to confirm ESD compatibility.

▲ Application: All Insulative brushes are made of all non-shedding material that is perfect for use in cleaning very small areas that ESD and Cleanroom functions demand.

**SST Series\***: This series includes four handy sizes to fit most benchwork needs. All have strong mechanical fiber clamping on a Stainless Steel handle for maximum fiber retention and no adhesives that can leach out and contaminate surface areas. Filament is nylon or Statigo9.



**SST Series**

<b>Product Series</b>	<b>SST2</b>	<b>SST6</b>	<b>SST10</b>	<b>SST12</b>
<b>Bristle Material</b>	<b>Part #</b>	<b>Part #</b>	<b>Part #</b>	<b>Part #</b>
Nylon	SST2N	SST6N	SST10N	SST12N
<b>NEW</b> Statigo9	SST2S9	SST6S9	SST10S9	SST12S9
<b>Handle Length</b>	3-1/2"	4-3/4"	4-3/4"	6"
<b>Diameter</b>	1/8"	3/16"	5/16"	3/8"
<b>Bristle Trim Length</b>	1/8"	5/16"	3/8"	3/4"
<b>Bristle Diameter (Oval)</b>	1/8"	1/4"	3/8"	7/16"
<b>Use</b>	Fine detail cleaning	Fluid applicator	Fluid applicator	General use

**21 Series**

<b>Bristle Material:</b>	<b>Part #</b>
Horse Hair	21HHLT
<b>Handle Length and Width</b>	7-3/16" x 7/16"
<b>Bristle Trim Length</b>	1"
<b>Bristle Length and Width</b>	1-3/8" x 1/4"
<b>Use</b>	Gentle cleaning

21HHLT  
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**21 Series\***: This series is a staple set brush with long, soft Horse Hair fiber in a plastic handle to clean keyboards and narrow areas.

**AL251 Series**

<b>Bristle Material</b>	<b>Part #</b>
Nylon	AL251N
<b>Handle Length and Width</b>	4" x 1/4"
<b>Bristle Trim Length</b>	1/2"
<b>Bristle Diameter (Oval)</b>	5/16"
<b>Use</b>	Applicator brush for general cleaning

**AL251 Series\***: This series is an applicator style brush made with an Aluminum handle and Nylon bristles.



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AL251N