ClassicHardware

FOCUS ON BRUSH PRODUCT

WE ONLY MAKE THE BEST

About us：

Feed the strong need of global market **, Classic Hardware Co., Ltd**
who is the brush manufacture which has the booming development in Brush Industry, has customered OEM and ODM .Since 2009, we have being supplied the qualified products for ThyssenKrupp, Otis, Westinghouse, Seine ,Mitsubishi, APC, China CSR, China CNR Group and so on.

Our service concept : "Customers first" at Classic Hardware isn't just lip service.

Our Innovation: We understand what is important to our customers: quality products that solve their problem, short lead times, fast quotes, and promised delivery dates that can be counted on. Everything we done is to meet a single end - meeting all our customer's needs and expectations.

Introduction to Brush

Classic Hardware provides brush-based solutions for a wide variety of industrial applications. Classic Hardware products have reduced costs in manufacturing processes and improved the performance of our Customers' products. Our brush can be found in a range of applications, including shielding on machine tools guides on conveyor systems, cable management and air seals in electronic cabinets, sweeping applications in turf care and much more. We manufacture each type of brush in a variety of sizes, construction materials and Filament types and diameters.

Our brushes and holding systems can be custom designed and manufactured to exacting specifications to meet your specific needs. To meet the requirements of this broad range of applications. Each type of brush has its own unique characteristics that make it the most suitable for an application.

Our solutions

Our Strip Brush (metal-backed) is available in the broadest range of brush sizes, construction materials and filament diameters. Our standard strip brush includes galvanized steel backing with nylon filament. Stainless steel construction is also available as well as a large variety of filaments in synthetic, natural, conductive and metal.

Brush Holders in anodized aluminum, stainless steel and polypropylene. We can form brushes and holders for precise mounting in your application and provide mounting holes and finishes to your print specifications. Some of our formed products include internal and external spirals, coils, arcs, cup forms and lever seals.

Staple Set (sometimes called punch brush) in a wide variety of filament and filament patterns, substrate materials and designs, including strip, cylinder (radial), disc, head (goblet) 。
and block (lag). Substrate, filament materials and designs are chosen to best meet your application needs. Substrates can be custom-shaped to your drawings from materials such as nylon, polypropylene, HDPE, wood and more.   Filament choices include nylon, polypropylene, horse hair, and more.

Application support from our team of experienced sales representatives and in-house engineers help you identify the exact construction, filament and material requirements for your application.

For information on how to select the most appropriate brush construction and materials for your application, see Selecting the Right Brush in this catalog. Additional information is available on our web site at www.Classicbrush.com. And, you can always call us to speak with a knowledgeable, experienced sales representative. See Contact Us at the back of this catalog.

•Typical Application
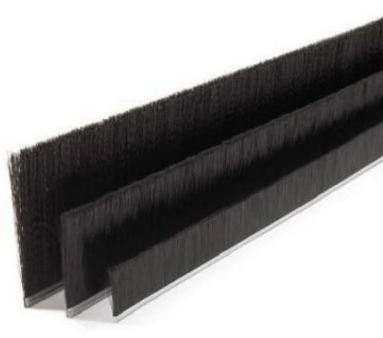
Shielding against flying debris, dust, air, spray, light, and sound

- Paint and powder booths
- Machine tools
- Woodworking machinery
- Dark rooms
- Radiology rooms
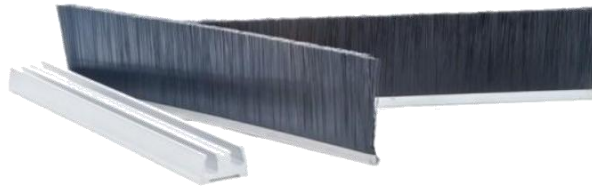
Closing gaps

- Level seals
- Overhead conveyors
- Conveyor belts
- Cable management
- Escalator gaps
- Door gaps

Static dissipation

- Web presses
- Packaging
- High-speed rolls, paper, film
- Textiles
- Electronics

Cleaning Brush

- Cleaning the bottle
- Vacuum cleaner part
- Cleaning pipe/tube brush
- Pond filter brush

Sealing machinery from chips and debris

- Bushings/bearings
- Robotics
- Ball screws
- Linear motion/positioning
- Hydraulic rams

Stock size
Straight Strip Brushes

Straight Strip Brushes with metal-backed construction paired with our aluminum holders are ideal choices for addressing numerous applications. Our stock brushes use high-quality nylon filament and have excellent abrasion resistance, flex life, bend recovery, and springiness (often called "flicking"). These brushes have good stiffness, are resistant to set and are best used in working temperatures below 180ºC.

Unit（mm）Style	X	Y	OAT	Exposed Length	Total length	Bristle diameter
CH-01	3	3	15	12	30-3000	0.08-1.2
CH-02	3.5	3.5	20	16.5	30-3000	0.08-1.2
CH-03	4	4	25	21	30-3000	0.08-1.2
CH-04	4.5	4.5	30	25.5	30-3000	0.08-1.2
CH-05	4.5	4.7	35	30.3	30-3000	0.08-1.2
CH-06	4.5	5.3	40	34.7	30-3000	0.08-1.2
CH-07	5	5	45	40	30-3000	0.08-1.2
CH-08	6	6	50	44	30-3000	0.08-1.2
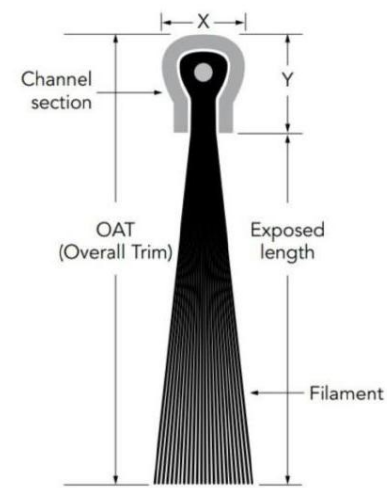
•Stock Aluminum Holders

H Style

Product Code	X	A	B+C	D
H-01	180°	1.1	25	8
H-02	180°	1.0	16	5.5
H-03	180°	1.0	20	6.5
H-04	180°	1.2	22	6.7
H-05	180°	1.0	28	7.3
H-06	180°	1.0	30	7.6
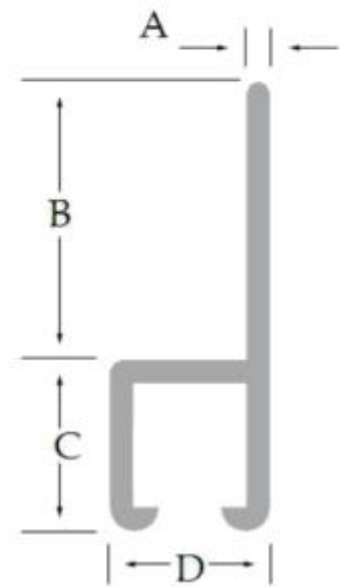
Y Style

Product Code	X	A	B+C	D
Y-01	90°	1.5	23+6.7	6.7
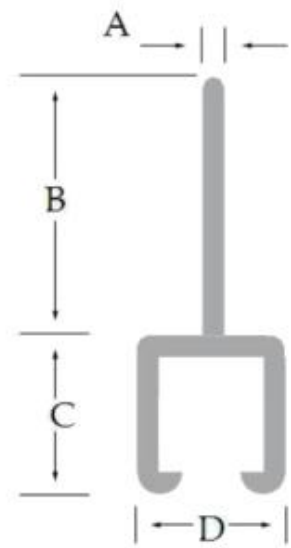
F Style

Product Code	X	A	B+C	D
F-01	90°	1.1	25	7.9
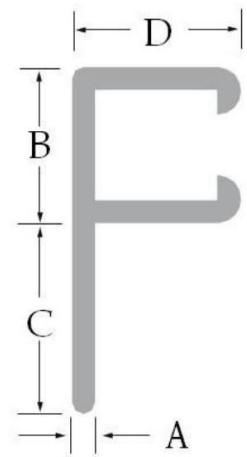
T Style

Product Code	X	A	B	C
T-01	90°	1.0	8.0	25
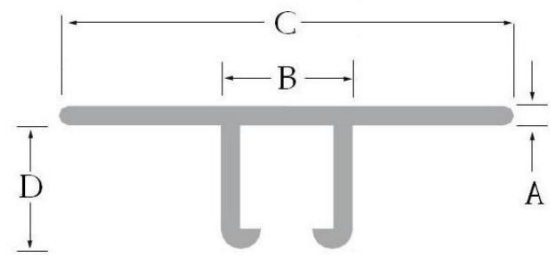
• Escalator brush Aluminum holder
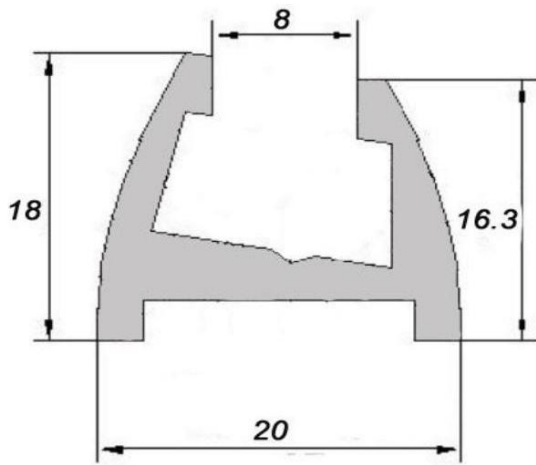
E-01
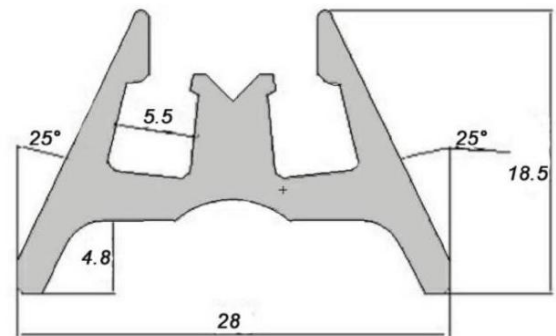
E-02
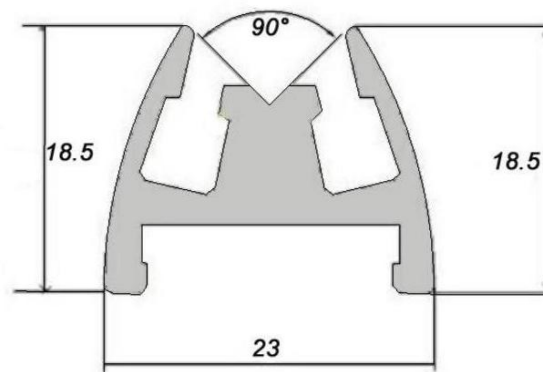
E-03

•Stock Cleaning brush
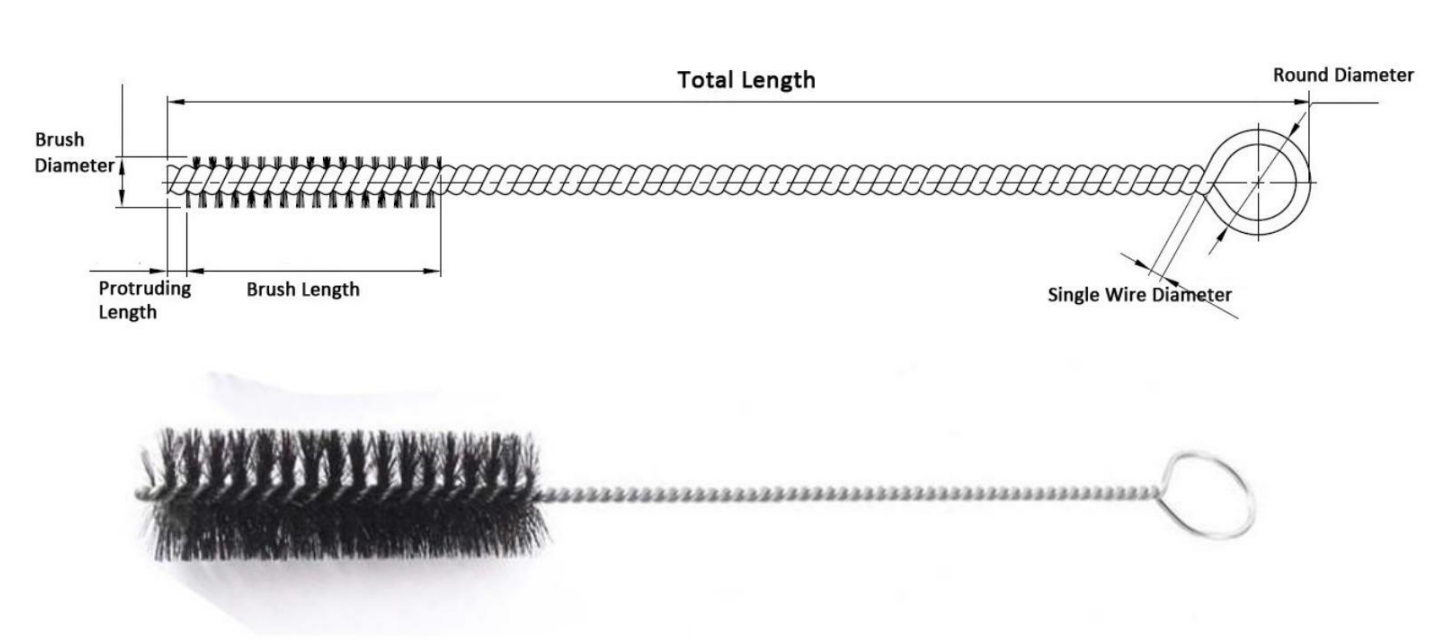
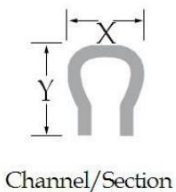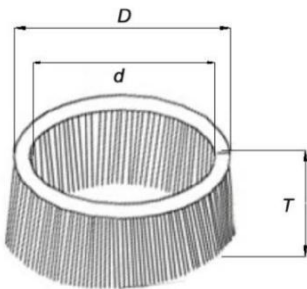| Producing Range	
Product diameter B:	1mm—500mm
Product total length L:	10mm—3000mm
Product diameter Hole：	5mm—500mm
Bristle material	PA,PP,PE,PET,brass
Spring material	Stainless steel, Galvanization
Framework material	Stainless steel wire, Iron wire
Product shape	Cylindrical , Conical , Oval-shaped
Bristle shape	Cross wire, Abnormity, Straight wire, Curved wire (Black, Green)

•Stock Outward Winding Brush
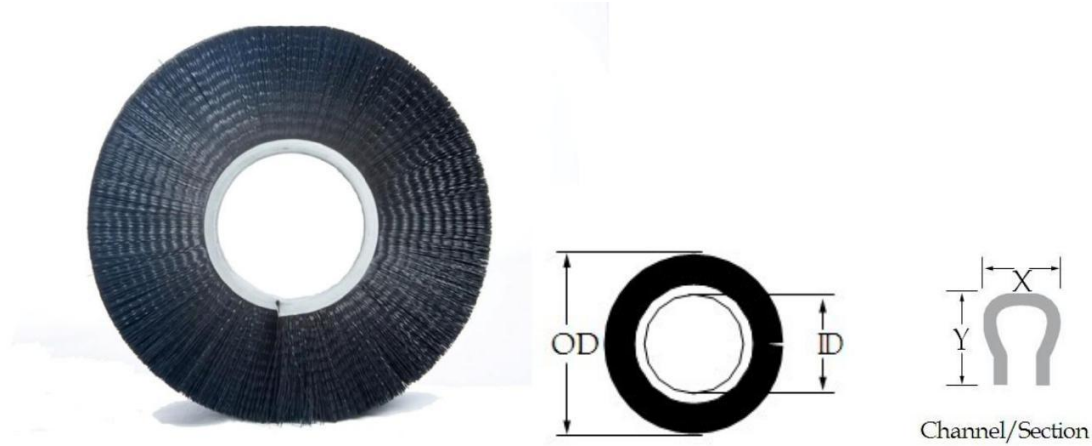
Spiral Brush　（outside）	Base material：Corrosion resistant plate　　　　Electro-galvanized	
Bristle material：PA,PP, Animal woo		
Channel size : X× Y（mm）		
3X3	Φ 10	
4X4	Φ 12	
5X5	Φ 15	
10X12	Φ 50	

•Stock Inward Winding Brush
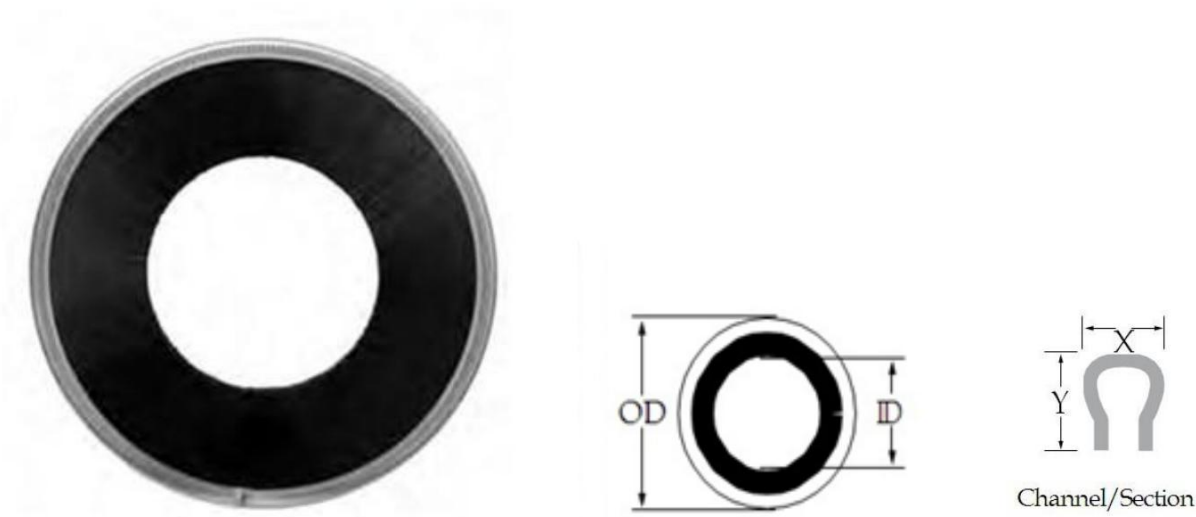
Spiral Brush　（Inside）	Base material：Corrosion resistant plate　Electro-galvanized sheet
	Bristle material：PA,PP, Animal wool
Channel size : X× Y（mm）	Minimum inner diameter OD(mm)
3X3	Φ 30
4X4	Φ 35
5X5	Φ 100
10X10	Φ 110

•Stock Lateral Wrapping Brush

Channel/Section

Spiral Brush （Lateral）	Base material：Corrosion resistant plate ， Electro-galvanized sheet
	Bristle material：PA,PP, Animal wool
Channel size : X× Y（mm）	Minimum inner diameter d（mm）
3X3	Φ 20
4X4	Φ 21
5X5	Φ 25
10X10	Φ 110

•Custom Products display.

（According customer's specification or drawing to produce）

Straight Bristle

Curved Bristle

Ends

Strip brush for door or escalator

Spiral Brush

Roller Brush

Vacuum Cleaner Brush

Inverted Spiral Brush

•Selecting the Right Brush

Several factors need to be considered to select the right brush for your application. Factors to consider include:

- **Application Type:** guiding, shielding, sealing, positioning, conveying, cleaning, closing gaps, static dissipation
- **Environment:** wet/dry, acid/alkaline/solvent, hot/cold, FDA requirements, direct sun light, static or EMI present
- **Operation Cycles:** heavy, medium, light
- **Physical Properties:** soft or aggressive filament, synthetic/natural/metal filament, filament length
- **Stationary or Kinetic:** RPM, torque

When factors such as these are properly considered, selecting the right brush type, construction material, size, and filament for your application is ensured.

Contact Us

For immediate answers and free samples*:
Mobile：0086 0135 7053 2740
Call: 0086 020 84650456
Visit: **www.classicalbrush..com**
Email: **leo@classicalbrush..com**
Skype:guogq.me

Add.: Guangzhou Civilian Scien-tech Park,Baiyun District,Guangzhou,China 510540

* A 100mm sample of a brush and holder will be sent to you following a discussion with a Classic sales representative regarding your application requirements.

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