

Channel Brushes / Attachment Brackets for Channel Brushes

Vertical Mount

Channel brushes are selectable from various filament materials and length. Suitable for factory automation applications such as workpiece leveling, foreign objects removal, dust proofing and cleaning.

Channel Brushes



RoHS 10

Type	Brush Filament	Channel	Color
BRUSN	Nylon 6	SUS304	White
BRUSE	Conductive Fiber Thunderon® (Copper Alloy)		Silver Green
BRUSM	Conductive Nylon Mono-Eight®		Black
BRUSK	Nylon with Abrasive Grain		Gray

Thunderon® is a registered trademark of Nihon Sanmo Dyeing Co., Ltd.
Mono-Eight® is a registered trademark of TORAY MONOFILAMENT Co., Ltd.
For precaution for use, refer to P499

L Dimension Tolerance	
L (Unit: mm)	Tolerance
~100	±1.5
101~400	±2.0
401~800	±2.5

For brush filament resiliency and filament material characteristics, see P499

Part Number	No. Selection	H 5mm Increment	L 5mm Increment	h	d
BRUSN	3	0.2	30~800	3.5	0.21
		0.3			0.295
	5	0.2		0.21	
		0.3		0.295	
BRUSE	3	0.075	10~30	3.5	0.075
BRUSM	3	0.3	10~50	3.5	0.3
	5				
BRUSK	5	0.6	10~50	5.5	0.6
	5				

Ordering Example
Part Number: BRUSN3 - No.: 0.2 - H: 30 - L: 150

Part Number	Type	T	No.	Unit Price														
				L (5mm Increment)														
				30	105	155	205	255	305	355	405	455	505	555	605	655	705	755
BRUSN	3	0.2	0.3															
				5	0.2	0.3												
	0.3	0.5																
			BRUSE	3	0.075													
BRUSM	3	0.3																
	5																	
BRUSK	5	0.6																
	5																	

Vertical Mount



RoHS 10

Type	Main Body	Insert	Accessory
BRUSAS	MC Nylon, Conductive Grade (Black)	SUS304	Screw (SUS304)

T: Channel Brush Width

The clamping slot is shaped for the brush used.

Part Number	Applicable Channel Brush	Applicable Screw for Brush Fixing (Included)	Applicable Screw for Base Fixing	Unit Price
BRUSAS	3N	M4	M5	
	3S			
	5			
	5K			

Ordering Example
Part Number: BRUSAS5



Dedicated Attachment Brackets for Channel Brushes

Angle Adjustable, Horizontal Mount

Mounting angle of Channel Brushes is adjustable according to the workpieces.

Angle Adjustable



RoHS 10

Type	Main Body	Insert	Accessory
BRUSAA	MC Nylon, Conductive Grade (Black)	SUS304	Screw (SUS304)

T: Channel Brush Width

The clamping slot is shaped for the brush used.

Part Number	Applicable Channel Brush	Applicable Screw	Unit Price
BRUSAA	3N	M4	
	3S		
	5		

Ordering Example
Part Number: BRUSAA3S

Example



Loosen screws on both sides to adjust angles manually. Angles can be held even with loosened screws.

MISUMI original design Channel Brush Attachment Brackets enabling quick brush changes are provided.

Horizontal Mount



RoHS 10

Type	Main Body	Insert	Accessory
BRUSA	MC Nylon, Conductive Grade (Black)	SUS304	Screw (SUS304)

T: Channel Brush Width

The clamping slot is shaped for the brush used.

Part Number	Applicable Channel Brush	Applicable Screw	Unit Price
BRUSA	3N	M4	
	3S		
	5		
	5K		

Wing screws enable quick brush changes. Can be specified as an alteration.

Alterations
Part Number: BRUSA3N - SET

Alterations	Wing Screw	Code	Spec.
	Includes wing screws for brush mounting.	SET	BRUSA3N-SET Wing Screw: CHBS4-8 BRUSA5-SET Wing Screw: CHBS4-10 Wing Screw: SUS304

Ordering Example
Part Number: BRUSA3N

Example



Slotted hole can be used for adjusting the tip position.