

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



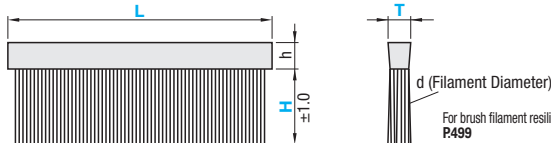
RoHS10

Type	Brush Filament	Channel	Color
BRUSN	Nylon 6	EN 1.4301 Equiv.	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
Type	T					
BRUSN	3	0.2	10~50	30~800	3.5	0.21
		0.3				0.295
	5	0.2	0.21			
		0.3	0.295			
BRUSE	3	0.5	5.5		0.535	
		0.075	3.5		0.075	
BRUSM	3	0.3	10~50		3.5	0.3
	5				5.5	
BRUSK	5	0.6	10~50		5.5	0.6



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

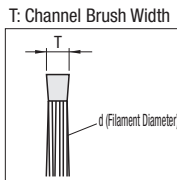
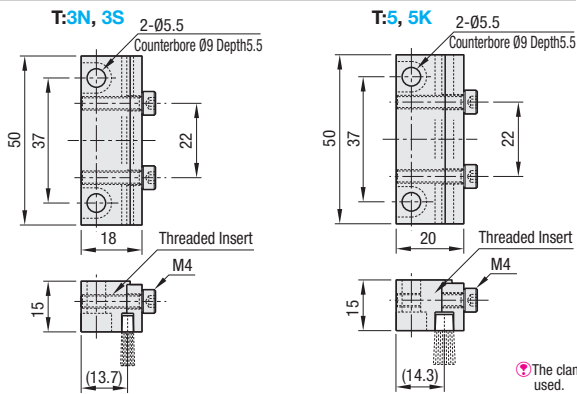
Part Number	Type	T	No.	Unit Price											
				L (5mm Increment)											
BRUSN	3	0.2	~100	~150	~200	~250	~300	~350	~400	~450	~500	~550	~600	~650	~700
			~750	~800											
	5	0.3													
BRUSE	3	0.075													
BRUSM	3	0.3													
BRUSK	5	0.6													

Vertical Mount



RoHS10

Type	Main Body	Insert	Accessory
BRUSAS	MC Nylon, Conductive Grade (Black)	EN 1.4301 Equiv.	Screw (EN 1.4301 Equiv.)



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
Type	T			
BRUSAS	3N	BRUSN3 (Nylon 6)	M4	
	3S	BRUSM3 (Conductive Nylon Mono-Eight®)		
	5	BRUSE3 (Conductive Fiber Thunderon®)		
	5K	BRUSN5 (Nylon 6)		
		BRUSM5 (Conductive Nylon Mono-Eight®)	M5	
		BRUSK5 (Nylon with Abrasive Grain)		



Ordering Example
Part Number
BRUSAS5

Dedicated Attachment Brackets for Channel Brushes

Angle Adjustable, Horizontal Mount

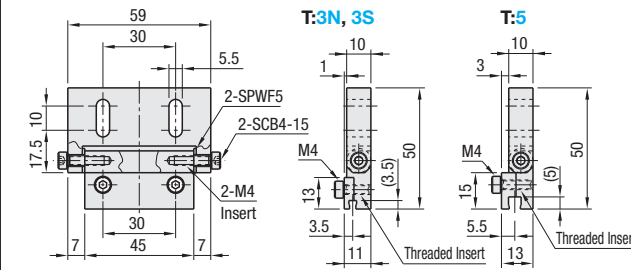
Mounting angle of Channel Brushes is adjustable according to the workpieces.

Angle Adjustable

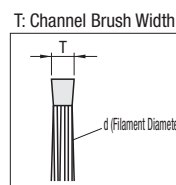


RoHS10

Type	Main Body	Insert	Accessory
BRUSAA	MC Nylon, Conductive Grade (Black)	EN 1.4301 Equiv.	Screw (EN 1.4301 Equiv.)



The clamping slot is shaped for the brush used.



Part Number	Applicable Channel Brush	Applicable Screw	Unit Price
Type	T		
BRUSAA	3N	BRUSN3(Nylon 6)	M4
	3S	BRUSE3(Conductive Fiber Thunderon®)	
	5	BRUSN5(Nylon 6)	
		BRUSM5(Conductive Nylon Mono-Eight®)	



Ordering Example
Part Number
BRUSAA3S



Example



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

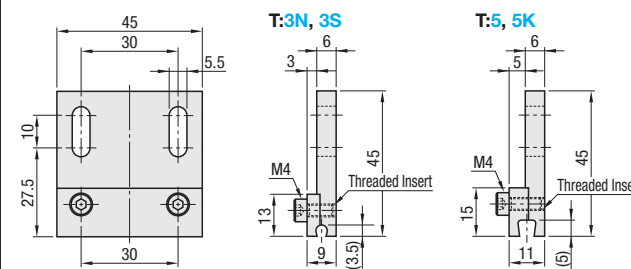
MISUMI original design Channel Brush Attachment Brackets enabling quick brush changes are provided.

Horizontal Mount

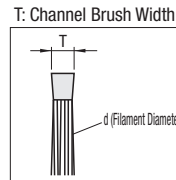


RoHS10

Type	Main Body	Insert	Accessory
BRUSA	MC Nylon, Conductive Grade (Black)	EN 1.4301 Equiv.	Screw (EN 1.4301 Equiv.)



The clamping slot is shaped for the brush used.



Part Number	Applicable Channel Brush	Applicable Screw	Unit Price
Type	T		
BRUSA	3N	BRUSN3 (Nylon 6)	M4
	3S	BRUSM3 (Conductive Nylon Mono-Eight®)	
	5	BRUSE3 (Conductive Fiber Thunderon®)	
	5K	BRUSN5 (Nylon 6)	
		BRUSM5 (Conductive Nylon Mono-Eight®)	
		BRUSK5 (Nylon with Abrasive Grain)	

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



Alterations

Part Number - SET
BRUSA3N - SET

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 MSUS304



Example



Slotted hole can be used for adjusting the tip position.