


Channel Brush / Attachment Brackets

Horizontal Mount

Channel Brush



RoHS10

Type	Material Brush Filaments	Material Channel	
BRUSN	Nylon 6	304 Stainless Steel	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.
 ⓘ Precaution for Use, see P.2673

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 P.2673.


Part Number	Type	T	No.	H 5 mm Increments	L 5 mm Increments	h	d
BRUSN	3		0.2	10-50	30-800	3.5	0.21
			0.3				0.295
	5	0.2	5.5	0.21			
		0.3		0.295			
		0.5		0.535			
BRUSE	3		0.075	10-30	3.5	0.075	
BRUSM	3		0.3	10-50	3.5	0.3	
	5		0.3	10-50	5.5	0.3	
BRUSK	5		0.6	10-50	5.5	0.6	

Part Number Example

Part Number - No - H - L

BRUSN3 - 0.2 - 30 - 150

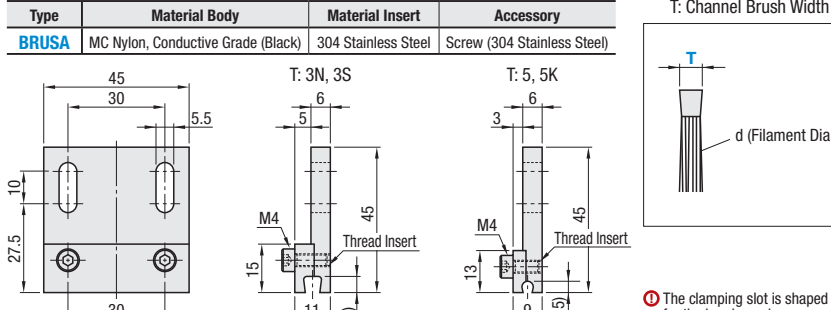
Horizontal Mount



RoHS10

Type	Material Body	Material Insert	Accessory
BRUSA	MC Nylon, Conductive Grade (Black)	304 Stainless Steel	Screw (304 Stainless Steel)

T: Channel Brush Width




ⓘ The clamping slot is shaped for the brush used.

Part Number	Type	T	Applicable Strip Brush	Applicable Screw
BRUSA	3N		BRUSN3 (Nylon 6) BRUSM3 (Conductive Nylon Mono-Eight®)	M4
			BRUSE3 (Conductive Fiber Thunderon®)	
	5		BRUSN5 (Nylon 6) BRUSM5 (Conductive Nylon Mono-Eight®)	
			BRU W1-8 Tool Steel (Nylon with Abrasive Grain)	

Part Number Alterations

Part Number - SET

BRUSA3N - SET

Alterations	Wing Screws	Code	Spec.
	Includes wing screws for brush mounting	SET	BRUSA3N-SET Wing Screw: CHBS4-8 BRUSA5-SET Wing Screw: CHBS4-10 Wing Screw M 304 Stainless Steel


Application Example



Slotted hole can be used for adjusting the tip position.

Roll Brush

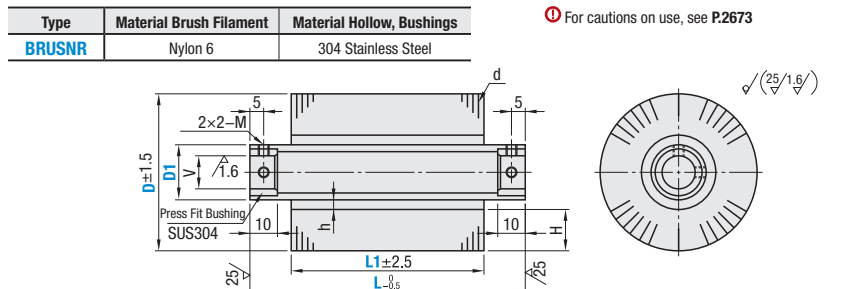
Roll Brush



RoHS10

Type	Material Brush Filament	Material Hollow, Bushings
BRUSNR	Nylon 6	304 Stainless Steel

ⓘ For cautions on use, see P.2673



Part Number	Type	D ₁	D	L	L ₁ 5 mm Increments	V	h	d	H	M	Proper Motor Power (Unit: kW) ⓘ Reference Value	
BRUSNR	20		50	100	20-320	12	3.5	0.21	11.5	4	0.4	
											60	0.4
											80	0.4
	30	150	70	0.75								
			80	0.75								
			100	0.75								
30	250	70	0.4									
		80	0.4									
		100	0.75									
30	350	120	1.25									

Inner Diameter Tolerance (Bushings)

L	V
100	H9
150	
250	
350	+0.1/0

- ⓘ Brush press contact length should be 2 mm or less. Do not press further than necessary.
- ⓘ Use at less than 1,000 RPM.
- ⓘ Motor power values shown are for reference only.
- ⓘ Actual motor power needed may be larger, depending on how the brush is used.
- ⓘ For usage and storage cautions, see P.2673

Part Number Example

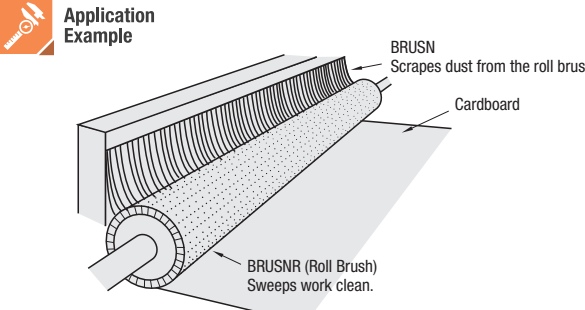
Part Number - D - L - L₁

BRUSNR20 - 80 - 150 - 100

Part Number	Type	D ₁	D	L	Available Types					
					L ₁ (5 mm Increment)					
					20-100	105-150	155-200	205-250	255-300	305-320
BRUSNR	20		50	100	•	•	•	•	•	•
					•	•	•	•	•	•
					•	•	•	•	•	•
					•	•	•	•	•	•
					•	•	•	•	•	•
					•	•	•	•	•	•
	20		150	50	•	•	•	•	•	•
					•	•	•	•	•	•
					•	•	•	•	•	•
					•	•	•	•	•	•
					•	•	•	•	•	•
					•	•	•	•	•	•
20		250	50	•	•	•	•	•	•	
				•	•	•	•	•	•	
				•	•	•	•	•	•	
				•	•	•	•	•	•	
				•	•	•	•	•	•	
				•	•	•	•	•	•	
20		350	50	•	•	•	•	•	•	
				•	•	•	•	•	•	
				•	•	•	•	•	•	
				•	•	•	•	•	•	
				•	•	•	•	•	•	
				•	•	•	•	•	•	

Part Number	Type	D ₁	D	L	Available Types					
					L ₁ (5 mm Increment)					
					20-100	105-150	155-200	205-250	255-300	305-320
BRUSNR	20		70	100	•	•	•	•	•	•
					•	•	•	•	•	•
					•	•	•	•	•	•
					•	•	•	•	•	•
					•	•	•	•	•	•
					•	•	•	•	•	•
	20		150	70	•	•	•	•	•	•
					•	•	•	•	•	•
					•	•	•	•	•	•
					•	•	•	•	•	•
					•	•	•	•	•	•
					•	•	•	•	•	•
20		250	70	•	•	•	•	•	•	
				•	•	•	•	•	•	
				•	•	•	•	•	•	
				•	•	•	•	•	•	
				•	•	•	•	•	•	
				•	•	•	•	•	•	
20		350	70	•	•	•	•	•	•	
				•	•	•	•	•	•	
				•	•	•	•	•	•	
				•	•	•	•	•	•	
				•	•	•	•	•	•	
				•	•	•	•	•	•	

Application Example



BRUSNR (Roll Brush) Sweeps work clean.

BRUSN Scrapes dust from the roll brush.

Cardboard

Part Number Alterations

Part Number - D - L - L₁ - DC

BRUSNR20 - 80 - 150 - 100 - DC75

Alterations	Brush Trimming
	Changes brush O.D.
Code	DC
Spec.	5 mm Increment, Ordering Code: DC85
	DC<D
	D ₁ DC (5 mm Increment)
20	55-95
30	75-115