

# Roll Brush

## Channel Roll Brush, Tight Rolled, Pitch Configurable

Pipe core type roll brush for general purpose applications are provided with 5th day shipping.

### Tight Rolledes



RoHS10

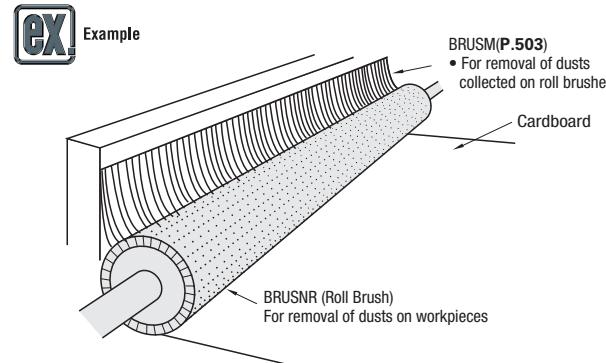
Type	Brush Filament	Pipe, Bushing, Connecting Part
BRUSNR	Nylon 6	EN 1.4301 Equiv.

### Tight Rolled

Part Number	D	L	5mm Increment	V	h	d	H	M	Proper Motor Power (Unit: kW) Reference Value
Type	D <sub>1</sub>	Selection							
BRUSNR	20	50	100	20~320	12	3.5	0.21	4	11.5 0.4
		60	150						16.5 0.75
		80	250						26.5 0.4
		100	350					5	36.5 14.5 19.5 29.5 39.5
		70	100						100 150 250 350
	30	80	250						14.5 0.75 1.25
		100	350						19.5 250 350
		120	350						+0.1/0
		100	350						
		150	350						

Ordering Example BRUSNR20 - 80 - 150 - 100

Part Number	D	L	Unit Price					
			L <sub>1</sub> (5mm Increment)					
BRUSNR	20	100	20~100	105~150	155~200	205~250	255~300	305~320
			-	-	-	-	-	-
			-	-	-	-	-	-
			-	-	-	-	-	-
			-	-	-	-	-	-
		150	-	-	-	-	-	-
			-	-	-	-	-	-
			-	-	-	-	-	-
			-	-	-	-	-	-
			-	-	-	-	-	-



Pitch configurable roll brush to minimize the clogging.

### Pitch Configurable



RoHS10

Type	Brush Filament	Pipe, Bushing, Connecting Part
BRUSNP	Nylon 6	EN 1.4301 Equiv.

L<sub>1</sub> dimensions have priority, thus P dimensions on the both sides may not be ensured.

### Pitch Configurable

Part Number	D	L	5mm Increment	P	V	h	d	H	M	Proper Motor Power (Unit: kW) Reference Value
Type	D <sub>1</sub>	Selection								
BRUSNP	20	50	100	20~320	105~150	155~200	205~250	255~300	305~320	13.5 0.4
		60	150	20~320	105~150	155~200	205~250	255~300	305~320	14.5 0.75
		80	250	20~320	105~150	155~200	205~250	255~300	305~320	23.5 32.5
		100	350	20~320	105~150	155~200	205~250	255~300	305~320	35.0 +0.1/0

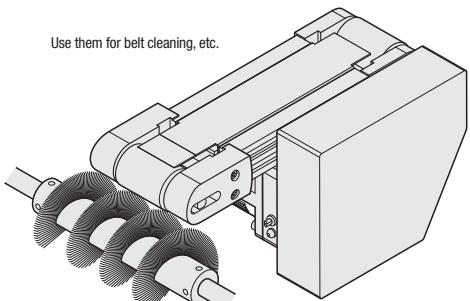
Ordering Example BRUSNP20 - 60 - 250 - 200 - 20

I.D. Tolerance (Bushings)	L	V
BRUSNP	100	
	150	H9
	250	
	350	

Part Number	D	L	Unit Price					
			L <sub>1</sub> (5mm Increment)					
BRUSNP	20	100	50					
			60					
			80					
			100					
			120					
		150	70					
			80					
			100					
			120					
			150					



Use them for belt cleaning, etc.



- Precaution for Use**
- ① Brush's service life will vary depending on usage conditions and frequency. The filaments may break or fall out depending on usage condition. Do not unduly tug the filaments or disassemble the brush.
  - ② Maximum temp. limit for the filaments is 100°C. The filaments will melt and fall off at above that.
  - ③ Nylon 6 dissolves in strong hydrochloric acid, sulfuric acid, formic acid, and phenolic acid.
  - ④ Brush press contact length should be 2mm or less. Do not press further than necessary.
  - ⑤ Use the brush at less than 1000rpm.
  - ⑥ Motor power values shown are experimental ones for reference only. Actual motor power needed may be larger depending on how the brush is used.
- Precaution for Use and Storage**
- ① Beware of the deformation of the filaments in storage. If the brush is left in contact with workpiece while in storage, the filaments may be deformed permanently. Also avoid filament tips from contacts when storing brushes by themselves.
  - ② Dry before storage.
  - ③ Remove any foreign objects from the brush.
  - ④ Do not use in high temp. environment or near fire.

Alterations	Part Number	D	L	L <sub>1</sub>	DC
BRUSNP20	-	80	-	150	-

Alterations	Changes brush O.D.
DC	DC
Code	DC
Spec.	5mm Increment, Ordering Code DC85 DC<D

D<sub>1</sub> DC (5mm Increment)

20 55~95