

Precaution for Use

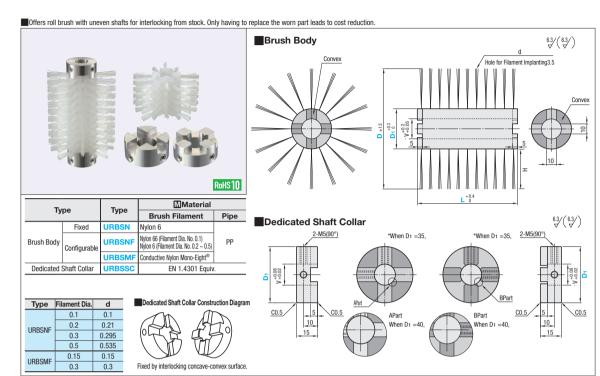
- ()Brush's service life will vary depending on usage conditions and frequency. Pulling off some filaments may cause entire falling-out.
- (2) Maximum temp. limit for the filaments is 100°C. The filaments will melt and fall off at above that.
- ③Nylon 6 dissolves in strong hydrochloric acid, sulfuric acid, formic acid, and phenolic acid.
- ④Brush press contact length should be 2mm or less. Do not press further than necessary.
- (5)Do not bend the channel brush.
- 6 The Channel Brush has ±2mm bow/bend per L100mm.

# brush by itself.

3 Remove any foreign objects from the brush.

Precaution for Use and Storage

④Do not use in high temp. environment or near fire.



🕐 Use the brush at less than 1000rpm (the maximum rotation for URBSMF is 400). Note that maximum rotational speed varies depending on the mounting method, the brush length, the brush 0.D. or the number of connected brush.

#### Brush Fixed

Part Number			Filament Dia.			D1 V		н	Proper Motor Power	Unit Price		
Туре	D	Selection	No. Selection	Filament Dia.	d	01	v	<b>_</b>	(Unit: kŴ) (CReference Value	L50	L100	Example
	80	50				35	15	22.5	0.4			
URBSN	100		0.3	0.3	0.295	40	20	30.0	0.75			
	150	100				40	20	55.0	0.75			Advantages

#### Brush Configurable

- 6										
	Part Number		D 5mm Increment		Filament Dia. No. Selection			Proper Motor Power (Unit: kW) TReference Value		
	Туре	<b>D</b> 1	Increment	Selection	NO. Selection		(H=(D-D1)/2)	(Offic. Kwy) Thereferice value		
	URBSNF	35	60~80	50	0.1 0.2	15	12.5~22.5	0.4		
	UNDONF	40	70~150	100	0.3 0.5	20	10~55	0.75		
	URBSMF	35	60~80	50	0.15	15	12.5~22.5	0.4		
	UNDOMP	40	70~150	100	0.3	20	10~55	0.75		

### Dedicated Shaft Collar (Concave-Convex at Both Sides, 2 pcs.)

Part Num	ber	v	Accessory:	Unit Price						
Туре	<b>D</b> 1	v	Accessory.	Unit Frice						
URBSSC	35	15	Hex Socket Set Screw (Flat End)							
URBSSC	40	20	MSSFS5-8 (EN 1.4301 Equiv.)							
	Calast the same size as the bruch hady D									

Select the same size as the brush body D1

Ordering	Brush Fixed					Dedicated Shaft Collar	Brush Configurable							
Ordering Example	Part Number	-	L	]-	Filament Dia.	Part Number	Pa	art Number	-	D	-	L	-	Filament Dia.
	URBSN80	-	50	-	0.3	URBSSC35	U	RBSNF40	-	105	-	50	-	0.5

# Brush Configurable

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Part Nu	nber	D		Filament Dia.						
Туре	<b>D</b> 1		L L	0.1	0.2	0.3	0.5			
	35	60~80	50							
URBSNF	40	70~150	50							
UNDONF	35	60~80	100							
	40	70~150	100							

Part Nu	mber	D		Filament Dia.			
Туре	D1		<sup>L</sup>	0.15	0.3		
	35	60~80	50				
URBSMF	40	70~150	50				
URBSMF	35	60~80	100				
	40	70~150	100				

1. Can be lengthened by interlocking

2. Only have to replace the worn parts.

3. Can be positioned only on the required par

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Fiving Method

(Machined Shaft)

## $\overline{(1)}$ 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. Additionally, avoid filament tips from contacts when storing the

②Dry before storage.