

One-Sided Rollers for Aluminum Extrusions / Rollers for Aluminum Extrusions

Conveyor Roller Shaft Holders / Plastic Covers

One-Sided Rollers for Aluminum Extrusions

HFROLK6

Part Name	Material	Surface Treatment
Roller	Nylon 6	-
Shaft Part	SS400	Black Oxide
Bearing	SUJ2	-

RoHS 10

Part Number Type	Extrusion (Series)	Color	Allowable Load N(kgf)	Unit Price 1 ~ 2 pkg(s).	Volume Discount Rate 3~10
HFROLK6	HFS6	Black	50N(5kgf)		

10 pcs. per package

Ordering Example

Part Number **HFROLK6**

ex Example

Long Nut (P.626)

Workpiece

Rollers for Aluminum Extrusions

HFROLL (Included Collar: Nylon 6)
HFROLLM (Included Collar: SS400)

Included Collar

Type	Roller Material	Included Collar Material
HFROLL	Nylon 6	Nylon 6
HFROLLM	Nylon 6	SS400, Bright Chromate

Part Number Type	No.	Extrusion (Series)	H	D	T	t1	t2	d1	d2	Color	Bearing	Accessory					Allowable Load N(kgf)	HFROLL		HFROLLM	
												Collar						Quantity	Unit Price 1 - 9 pc(s).	Volume Discount Rate 10~120	Unit Price 1 - 9 pc(s).
HFROLL HFROLLM	5	HFS5	6	24	15	4	5	29	9.2	Black	Not Provided	16.5	1.5	9	13	1	49(5)				
	6	HFS6	7.8	20.8	5	8				Black	Provided	22.3		6.2		1	98(10)				
	8	HFS8, HFS8-45	9.8	26	27.8	8	10	39.5	10		Black	Provided	13.4	1.6	10	14	2	147(15)			

Ordering Example

Part Number **HFROLL6**

ex Example

20mm Square **HFROLL5**
 30mm Square **HFROLL6**
 40mm Square **HFROLL8**

Conveyor Roller Shaft Holders

HSCX6-25

HSCX6-300

RoHS 10

When using a shaft of Ø12, reverse the top and the bottom.

Material: Glass Fiber Reinforced ABS Resin

Part Number Type	No.	L	Applicable Extrusion (Series)	Applicable Roller Shaft Dia.	Unit Price 1 - 9 pc(s).	Volume Discount Rate 10~120
HSCX	6	25 300	HFS6	Ø6 Ø8 Ø12		

Ordering Example

Part Number **HSCX6** - L **300**

ex Example

1 Insert Conveyor Roller Shaft Holders in the Slots of the extrusion.

2 Insert a shaft on a conveyor roller and fit the shaft in the roller by pushing from above.

3 With parallel use of plastic covers, a carrier line can be easily made.

Carried Item

HSCY6

HFS6-3060

HRDA (Shaft)

HRO

HSCY6

Post-Assembly Fitting Lock Nut HNTR6 (P.624)

Workpiece

HSCY6

HSCX6-300

Plastic Covers

HSCY
HSCYF

No.5, No.6, No.8

Type	Material	Heat Resistance Temperature
HSCY	Ultra High Molecular Weight Polyethylene	-100 ~ 80°C

There is a bulge on the surface depending on sizes.

Standard Length

Part Number Type	No.	Color	Length m	Extrusion (Series)	Unit Price 1 - 8 pc(s).	Volume Discount Rate 9~50
HSCY	5	W (White)	2	HFS5		
	6	B (Black)		HFS6		
	8			HFS8*		

* Not applicable to HFS8-45 series.

Configurable Length

Part Number Type	No.	Color	Length 1mm Increment	Extrusion (Series)	Unit Price/m 1 - 50 pc(s).
HSCYF	5	W (White)	50~2000	HFS5	
	6	B (Black)		HFS6	
	8			HFS8*	

* Not applicable to HFS8-45 series.

Ordering Example

Part Number **HSCYF5** - Color **B** - Length **1200**

ex Example

Attach by pushing it into the extrusion slot.

Characteristic Value

Item	Unit	Value
Specific Gravity	-	0.96
Tensile Strength	MPa	43
Elongation	%	10
Hardness	Rockwell R Scale	60
Impact Strength	Izod Notch kJ/m	100
Thermal Expansion Coefficient	10 ⁻⁴ /°C	1.3
Water Absorption Ratio	%	<0.01
Dielectric Constant	-	2.4
Insulation Breakdown Voltage	kV/mm	44