

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

Conveyor Roller Shaft Holders / Plastic Covers

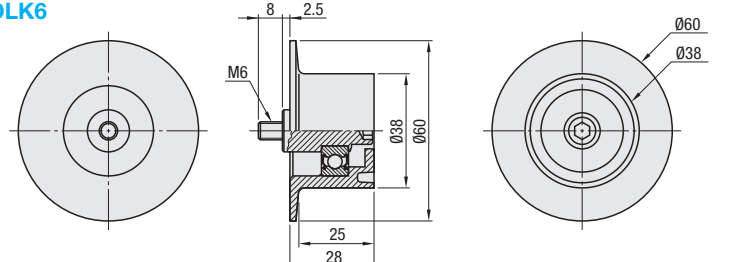
One-Sided Rollers for Aluminum Extrusions



RoHS10

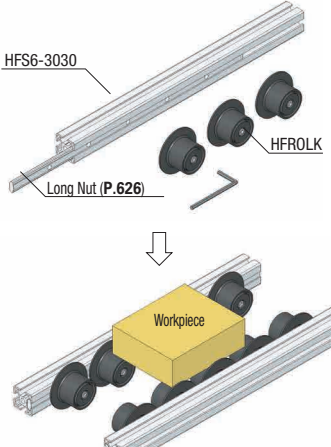
Part Name	Material	Surface Treatment
Roller	Nylon 6	-
Shaft Part	SS400	Trivalent Chromate
Bearing	SUJ2	-

HFROLK6



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

Example



Long Nut (P.626)

Workpiece

Ordering Example

Part Number

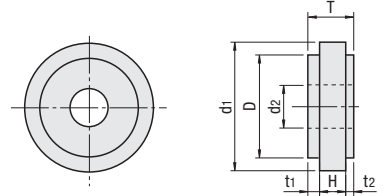
HFROLK6

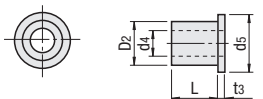
Rollers for Aluminum Extrusions



HFROLL (Included Collar: Nylon 6)

HFROLLM (Included Collar: SS400)





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

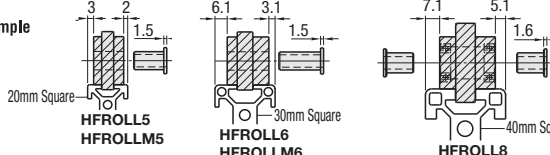
Part Number		Extrusion (Series)	H	D	T	t1	t2	d1	d2	Color	Bearing	Accessory					Allowable Load N(kgf)	HFROLL		HFROLLM		
Type	No.											Collar						Quantity	Unit Price 1 ~ 9 pc(s).	Volume Discount Rate 10~120	Unit Price 1 ~ 9 pc(s).	Volume Discount Rate 10~120
												L	t3	D2	d4	d5						
HFROLL 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		22.3					6.2		98(10)						
	8	HFS8, HFS8-45	9.8	26	27.8	8	10	39.5	10			13.4	1.6	10		14	2	147(15)				

Ordering Example

Part Number

HFROLL6

Example



20mm Square

30mm Square

40mm Square

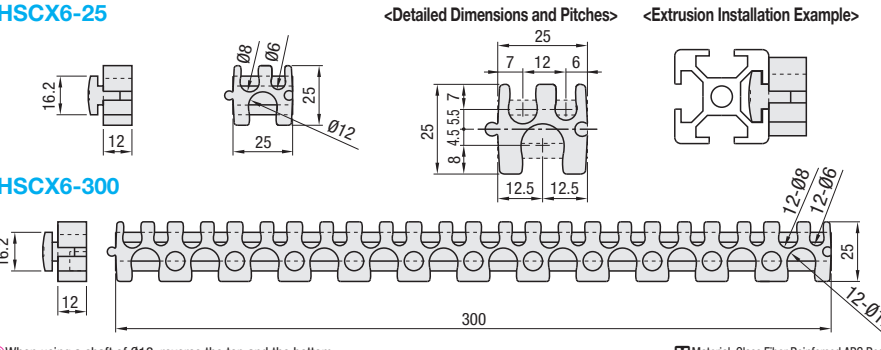
Conveyor Roller Shaft Holders



RoHS10

HSCX6-25

HSCX6-300



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

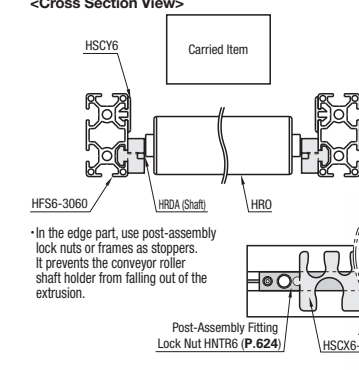
Part Number

L

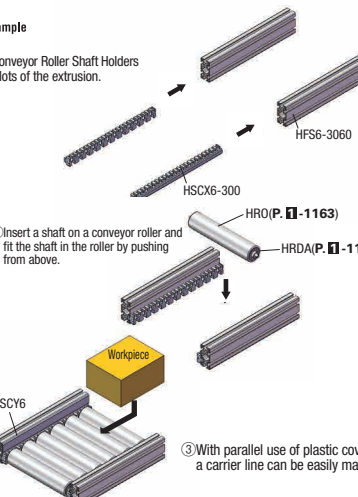
HSCX6

300

Cross Section View



Example



Carried Item

Workpiece

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

HRDA (Shaft)

HRO

HSCY6

HSCX6-300

HFS6-3060

HRDA (P.1163)

HRDA (P.1165)

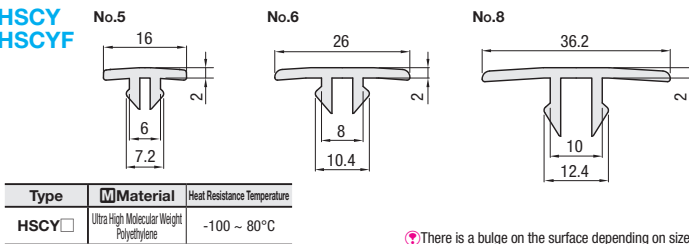
Plastic Covers



RoHS10

HSCY

HSCYF



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

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*	

Ordering Example

Part Number

Color

Length

HSCYF5

B

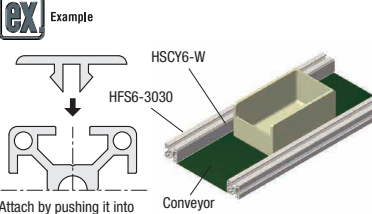
1200

HSCY6

W

2

Example



Attach by pushing it into the extrusion slot.

Conveyor

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