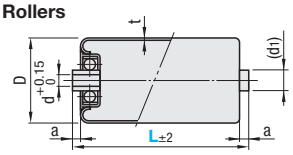
Features: Set of Conveyor Rollers and Economical Hollow Tube Rollers

Conveyor Rollers - Shaft & Roller Sets

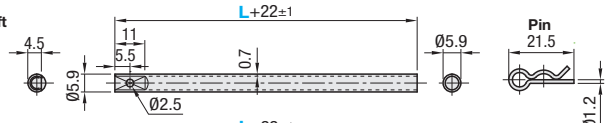
Shafts and Pins are shipped as included accessories, not inserted into rollers.

Type	Material: Rollers: Core	Material: Rollers: Wheel	Material: Shaft	Material: Pin	Surface Treatment: Roller	Surface Treatment: Shaft, Pin	Bearing
HROJS	Steel	Steel	Steel	Steel	Hot Zinc Plating	Trivalent Bright Chromate Plating	Pressed-in Bearings

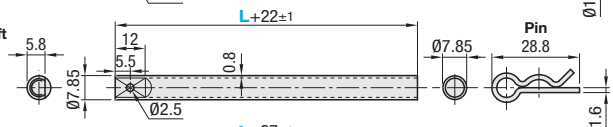
Rollers



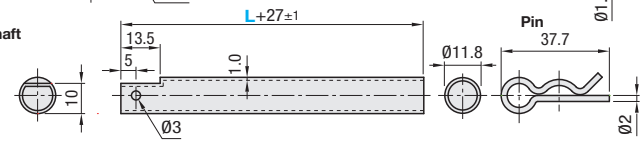
For Ø6 Shaft



For Ø8 Shaft



For Ø12 Shaft



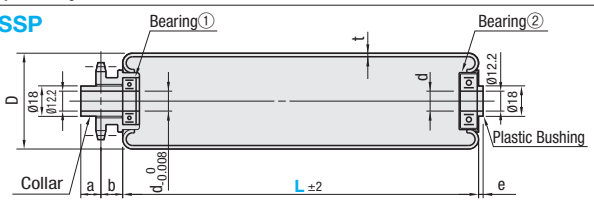
Part Number Type	No.	L Selection	D	a	d	(d1)	t	Set Shaft & Pin	* Roller Strength for Reference (N) L113	L163	L213	L263	L313	L413	L513	Unit Price L113	L163	L213	L263	L313	L413	L513
HROJS	19	113	19.1	5	6.2	(9)	1.2	For Ø6	431	318	205	436	343	294	206							
	22	163	22.2	3.5	6.2	(9)	1.2		431	-	205	-	343	294	206		-		-			
	28	213	28.6	3.5	8.2	(12)	1.2	For Ø8	490	490	490	450	687	588	412							
	38	263	38.1	5.5	12.2	(16)	1.2	For Ø12	1342	1342	1342	1132	922	785	588							
	42	313	42.7	5	12.2	(16)	1.4		1667	1628	1589	1310	1030	883	745							
	50	413	50.8	6.5	12.2	(18)	1.6		1716	1628	1648	1584	1520	1442	1147							
	57	513	57.2	6.5	12.2	(18)	1.4		2354	2206	2059	1912	1765	1471	1157							

Ordering Example: Part Number - L
HROJS38 - 263

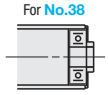
Features: Rollers with integrated sprockets for synchronizing.

Roller with Sprocket

HROSSP

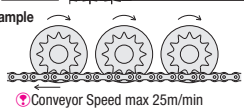


For No.38



Bearings on the ends will be as shown above.

App. Example



Conveyor Speed max 25m/min

Bearing① B6001ZZ

Bearing② B6201ZZ

Sprocket Number of teeth : 10(Dp41.1 , Do46)
Applicable Chain : CHE40 (P.1535))

Material: Pipe:Steel(Hot Zinc Plating)
Sprocket: S45C
Resin Bushing: Nylon 6 (Blk.)

Accessory Collar

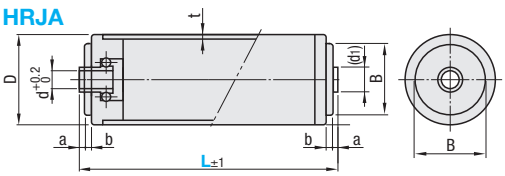
Part Number Type	No.	L Selection	D	d	a	b	e	t	Roller Strength (N) L100	L200	L300	L400	L500	Unit Price 1~4 pc. L100	L200	L300	L400	L500
HROSSP	38	100 400 200 500	38.1	12	12	14	3	2.4	883	809	588	490	417					
	57	300	57.2			13		2.1	883	834	735	539	441					

Ordering Example: Part Number - L
HROSSP38 - 100

Plastic Conveyor Rollers

RoHS 10

HRJA



Plastic wheel and roller are glued.
Use in combination with Roller Shaft (P.1165). Do not let the shaft hubs on the rollers to support the cantilevered loads as this will apply offset loads on the bearings.

	Rollers	Wheel
Material	ABS Plastic	Outer Wheel / Inner Wheel : Polyacetal Retainer : Nylon 66 Cover : ABS Plastic Ball : SUS304

Part Number Type	No.	L 1mm Increment	D	a	b	B	d	(d1)	t	Roller Strength for Reference (N) L113	L213	L313	L413	L513	Unit Price L50~150	L151~250	L251~350	L351~450	L451~513
HRJA	20	50~513	20.4±0.5	(2)	(1)	(14.9)	6.1	9.5(±0.2)	1.5(+0.5)	113	105	98	90	83					
	30		30.6±0.5			(24.9)	8.2	14(±0.2)	1.8(+0.5)	162	154	147	139	132					
	50		50.3±0.5			(39.9)	12.2	17(±0.2)	2.8(+0.5)	314	304	294	289	279					

Ordering Example: Part Number - L
HRJA20 - 213