

Hollow Rollers

Set Screw Type (L=100~500)

■Features: Drawn aluminum pipes are used. Lightweight and reasonably priced.

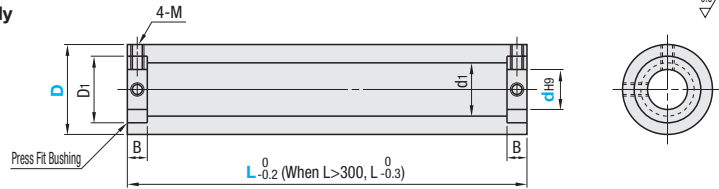
Set Screw Type



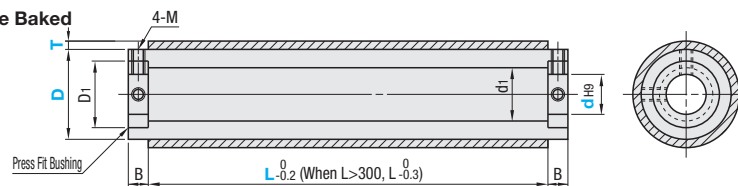
Type	Material Core	Surface Treatment (Lining)	Hardness
ROLNLA	Aluminum Alloy	Clear Anodize	-
ROLNLA		Urethane (Natural Color)	Shore A90
ROLNAG		Urethane (Natural Color)	Shore A70
ROLNAH		Urethane (Natural Color)	Shore A50
ROLNLM	Steel	Electroless Nickel Plating	-
ROLNLS	SUS304	-	-

⊕Surface treatment may not be applied to shaft end and I.D.
 ⊕Urethane is baked on the outer circumference of the core material.
 ⊕Since the drawing surface of pipe is unpolished, the inner diameter d1 is distorted to some extent.

Core Only



Urethane Baked



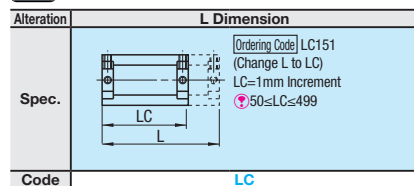
⊕O.D. of this product is D+2T. (Different from other rollers)

Part Number Type	D	Urethane Thickness T Selection	dH9 Selection	L Selection	d1			D1	B	M		
					Aluminum	Steel	Stainless Steel					
Core Only ROLNLA ROLNLM ROLNLS	30	3	8	100	15	15.8	18	22	10	M4		
			10		17	18.1	18	27		M4		
			12									
	*35		10		150	15	22	22.7		22	33	M4
			12									
			15									
	40		15		200	20	17	22.7		22	40	M5
			20									
			25									
	50		20		300	25	22	30		28	40	M6
			30									
			35									
60	25	400	30	32	-	-	45	M6				
	30											
	35											
80	30	500	35	41	-	-	55	M8				
	35											
	40											
*100	35	76	40	76	-	-	85	M8				
	35											
	40											

⊕Sizes marked with * are not available for Urethane Baked Type.

Ordering Example	Part Number	T	d	L
ROLNLA50	-	20	-	L300
ROLNLM30	-	8	-	L350
ROLNAU60	-	T10	-	L400

Alterations	Part Number	T	d	LLG
ROLNLA30	-	12	-	LC315



Core Only

Type	D	Unit Price									
		L100	L150	L200	L250	L300	L350	L400	L450	L500	
ROLNLA (Aluminum)	30										
	35										
	40										
	50										
	60										
	80										
ROLNLM (Steel)	30										
	35										
	40										
ROLNLS (Stainless Steel)	30										
	35										
	40										

⊕For ROLNAG and ROLNAH, the unit prices in the table are to be multiplied by 1.1.

Urethane Baked (Only Applicable to Aluminum Core Type)

D	T	Unit Price											
		ROLNAU (Unit Price x 1.0)	ROLNAG (Unit Price x 1.1)	ROLNAH (Unit Price x 1.1)	L100	L150	L200	L250	L300	L350	L400	L450	L500
30	3												
35													
40													
50													
60													
80													
30	5												
35													
40													
50													
60													
80													
30	10												
35													
40													
50													
60													
80													

⊕Urethane may discolor over time, but there is no effect on physical properties.

Long Hollow Rollers

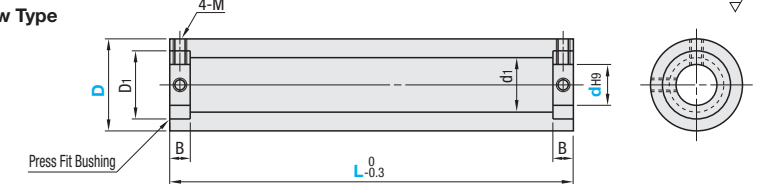
Set Screw Type, With Bearings (L=550~1000)



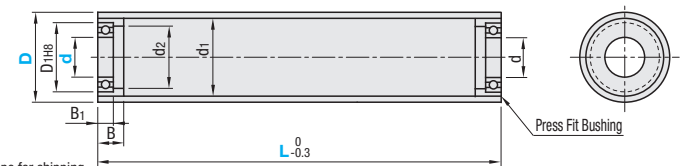
Type	Material Core	Surface Treatment
Set Screw Type	ROLNT	Steel
	ROLNS	SUS304
	ROLNA	Aluminum Alloy
With Bearings	RORC	Steel
	RORSS	SUS304
	RORAA	Aluminum Alloy

⊕Since the drawing surface of pipe is unpolished, the inner diameter d1 is distorted to some extent.

Set Screw Type



With Bearings



⊕Bearings can be detached. Temporarily attached with tape for shipping.

Set Screw Type

Part Number Type	D	dH9 Selection	L Selection	d1			D1	B	M
				Steel	Stainless Steel	Aluminum			
ROLNT (Steel)	40	12	550	22.7	22	22	32	10	M4
		15		40	28	27	43	M6	
		20							
ROLNS (Stainless Steel)	50	*25	750	49.5	-	32	53	10	M6
		20	750						
		25	850						
ROLNA (Aluminum)	80	*30	900	68.6	-	41	72	15	M8
		25	950						
		35	1000						

⊕Steel (STKM13A) applies to sizes with *.

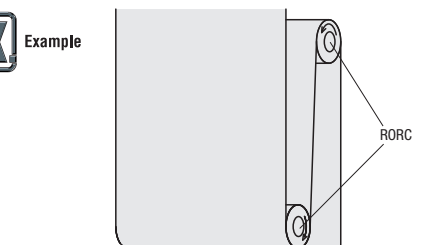
With Bearings

Part Number Type	D	d Selection	L Selection	D1	B1	B	d1					d2	Bearing Used
							Steel	Stainless Steel	Aluminum	Steel	Stainless Steel		
RORC (Steel)	40	8	550	24	8	12	22.7	22	22	15	15	B628ZZ	
		10		600	26	9	40	28	27	B6000ZZ			
		10		650	30	9	40	28	27	B6200ZZ			
RORSS (Stainless Steel)	50	12	750	28	8	15	49.5	-	32	22	22	B6001ZZ	
		20	800	32	10	B6201ZZ							
		25	850	32	9	B6002ZZ							
RORAA (Aluminum)	60	15	900	52	13	20	68.6	-	41	41	38	B6205ZZ	
		25	950	55	15	B6006ZZ							
		30	1000	55	15								

⊕For bearing detailed dimensions, see P989, 993.



Ordering Example	Part Number	d	L
ROLNT80	-	25	-
RORC60	-	15	-
ROLNS40	-	12	-
RORAA50	-	12	-



As Guides for Sheets (Label Films etc.)

Set Screw Type

Type	D	Unit Price									
		L550	L600	L650	L700	L750	L800	L850	L900	L950	L1000
ROLNT (Steel)	40										
	50										
	60										
	80										
ROLNS (Stainless Steel)	40										
	50										
ROLNA (Aluminum)	40										
	50										
	80										

With Bearings

Type	D	Unit Price									
		L550	L600	L650	L700	L750	L800	L850	L900	L950	L1000
RORC (Steel)	40										
	50										
	60										
	80										
RORSS (Stainless Steel)	40										
	50										
RORAA (Aluminum)	40										
	50										
	60										