

* Products in in below table has been discontinued as of February 2017. The sale of other products will continue.

Hollow Rollers

Set Screw Type (L=100~500)

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

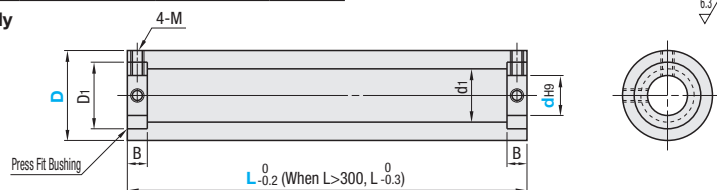
Set Screw Type



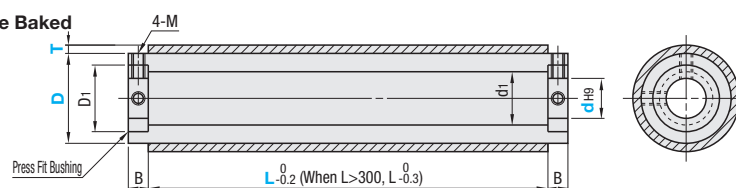
Type	Material Core	Surface Treatment (Lining)	Hardness
ROLNLA	Aluminum Alloy	Clear Anodize	-
ROLNAU		Urethane (Natural Color)	Shore A90
ROLNAG		Urethane (Natural Color)	Shore A70
ROLNAH		Urethane (Natural Color)	Shore A50
ROLNLM	Steel	Electroless Nickel Plating	-
ROLNLS	Stainless Steel (EN 1.4301 Equiv.)	-	-

⚠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		Urethane Thickness T Selection	dH9 Selection	L Selection	d1			D1	B	M
Type	D				Aluminum	Steel	Stainless Steel			
Core Only ROLNLA ROLNLM ROLNLS	30	3	8	100	15	15.8	18	22	10	M4
			10							
	12		17		18.1	18	27	M4		
	10									
	12		17		22.7	22	33	M4		
	15									
	12		22		22.7	22	33	M5		
	15									
	20		17		30	28	40	M5		
	15									
	20		27		-	-	45	M6		
	25									
	20	32	-	-	55	15	M8			
	25									
	30	41	-	-	85	20	M8			
	25									
30										
35										
Urethane Baked ROLNAU ROLNAG ROLNAH	*100		30		76	-	-	85	20	M8
			35							
			40							
			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
Alteration	L Dimension			
Spec.				
	(Ordering Code) LC151 (Change L to LC) LC=1mm Increment ⚠50≤LC≤499			
Code	LC			

Core Only

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

⚠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
30	3								
35									
40									
50									
60									
80									
30	5								
35									
40									
50									
30	10								
35									
40									
50									
60									
80									

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

Long Hollow Rollers

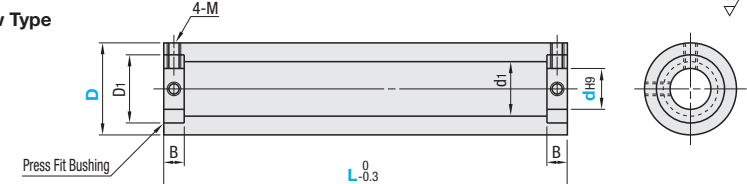
Set Screw Type, With Bearings (L=550~1000)



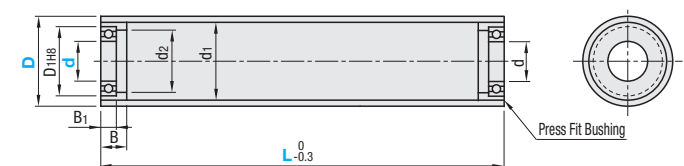
Type	Material Core	Surface Treatment
Set Screw Type	ROLNT	Steel
	ROLNS	Stainless Steel (EN 1.4301 Equiv.)
	ROLNA	Aluminum Alloy
	RORC	Steel
With Bearings	RORSS	Stainless Steel (EN 1.4301 Equiv.)
	RORAA	Aluminum Alloy
		Electroless Nickel Plating
		Clear Anodize

⚠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
	50	15	600	40	28	27	43	10	M6
		20	650						
ROLNS (Stainless Steel)	50	*25	700	49.5	-	32	53	15	M8
		20	750						
	60	25	800	68.6	-	41	72	15	M8
ROLNA (Aluminum)	80	*30	900						
		25	950						
	80	35	1000						

⚠Steel (EN 1.0480 Equiv.) applies to sizes with *.



Ordering Example

Part Number	d	L
ROLNT80	25	L700
RORC60	15	L600
ROLNS40	12	L750
RORAA50	12	L1000

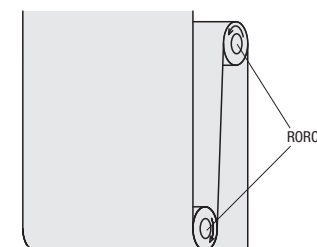
With Bearings

Part Number Type	D	d Selection	L Selection	D1	B1	B	d1			d2		Bearing Used
							Steel	Stainless Steel	Aluminum	Steel	Aluminum	
RORC (Steel)	40	8	550	24	8	12	22.7	22	22	15		B628ZZ
	50	10	600	26	9	15	40	28	27	17		B6000ZZ
		10	650	30	9							B6200ZZ
RORSS (Stainless Steel)	50	12	700	28	8	15	49.5	-	32	22		B6001ZZ
		12	750	32	10							B6201ZZ
RORAA (Aluminum)	60	15	800	32	9	20	68.6	-	41	41	38	B6002ZZ
	80	25	900	52	15							B6205ZZ
		30	1000	55	13							B6006ZZ

⚠For bearing detailed dimensions, see P989, 993.



Example



As Guides for Sheets (Label Films etc.)

Set Screw Type

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

With Bearings

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