

Rollers - Tapped

Straight, Crowned (L=15 ~ 100)

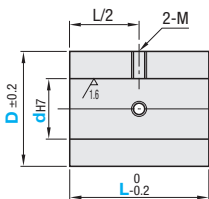


Type		Material	Surface Treatment (Lining)	Hardness
Straight	Crowned	Core		
ROLSN	ROCSN	EN 1.4301 Equiv.	-	-
ROLAN	ROCAN	Aluminum Alloy 5000 series	Clear Anodize	-
ROUSN	ROCUSN	EN 1.4301 Equiv.	Urethane (Natural Color)	Shore A90
ROUAN	ROCUAN	Aluminum Alloy 5000 series (ROUAN) EN AW-5052 Equiv. (ROCUAN)		Shore A70
ROGSN	-	EN 1.4301 Equiv.		Shore A50
ROGAN	-	Aluminum Alloy 5000 series		
ROHSN	-	EN 1.4301 Equiv.		
ROHAN	-	Aluminum Alloy 5000 series		

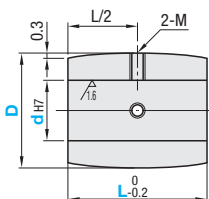
Urethane is baked on the outer circumference of the core material.

6.3 (1.6)

Straight



Crowned

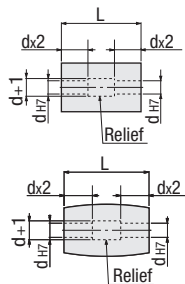


(Urethane Lining)

(Urethane Lining)

When $L \leq dx3$, hole d is machined from the same direction.

When $L > dx3$, hole d is machined from both ends as shown below. There may be no relief in some cases.



Part Number		dh7 Selection						L Selection						M				
Type		D																
Straight Core Only ROLSN ROLAN	Urethane ROUSN ROUAN ROGSN ROGAN ROHSN ROHAN	20	8							15	20	25	30	40	50	M3		
		25	8	10	12					15	20	25	30	40	50			
		30	8	10	12	15					15	20	25	30	40		50	
		35		10	12	15	20					20	25	30	40	50	M4	
		40		10	12	15	20					20	25	30	40	50		
		50			12	15	20	25					25	30	40	50	100	M5
Crowned Core Only ROCSN ROCAN	Urethane ROCUSN ROCUAN	60			12	15	20	25	30					30	40	50	100	
		80				15	20	25	30						40	50	100	

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

Ordering Example	Part Number	-	d	-	L
	ROLAN30	-	8	-	30
	ROUAN40	-	10	-	25

Alterations	Part Number	-	d	-	L	-	(UDC)
	ROUSN50	-	12	-	50	-	UDC

D	L	Unit Price									
		Straight					Crowned				
		Core Only		Urethane			Core Only		Urethane		
		ROLSN	ROLAN	ROUSN	ROUAN	ROGSN ROHSN	ROGAN ROHAN	ROCSN	ROCAN	ROCUSN	ROCUAN
20	15~25										
	30~50										
25	15~25										
	30~50										
30	15~25										
	30~50										
35	20~25										
	30~50										
40	20~25										
	30~50										
	25										
50	30~50										
	100										
60	30~50										
	100										
80	40~50										
	100										

Rollers

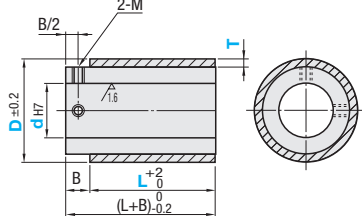
Straight with Set Screw Holes



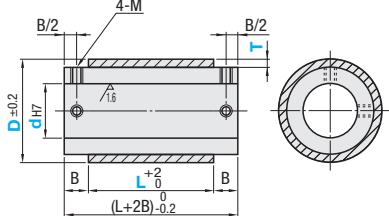
L Selectable		Urethane Thickness Selectable, L Configurable		Material		Hardness
Set Screw Holes at Both Ends	Set Screw Hole at One End	Set Screw Holes at Both Ends	Core	Lining		
RONUS	ROEKUS	ROENUS	EN 1.4301 Equiv.	Urethane (Natural Color)		Shore A90
RONUA	ROEKUA	ROENUA	EN AW-5052 Equiv.			Shore A70
RONGS	ROEKS	-	EN 1.4301 Equiv.			Shore A50
RONGA	ROEKG	ROENGA	Aluminum Alloy 5000 series			
RONHA	ROEKHA	ROENHA	EN AW-5052 Equiv.	Silicon Rubber		Shore A70
RONSS	-	-	EN 1.4301 Equiv.			
RONSA	-	-	EN AW-5052 Equiv.			
RONTS	-	-	EN 1.4301 Equiv.	Heat Resistant Urethane (Red Brown)	Operating Temperature: ~110°C	Shore A90

Urethane and Silicon Rubber are baked on the outer circumference of the core material.

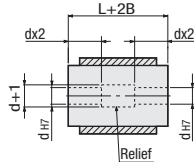
Set Screw Holes at One End



Set Screw Holes at Both Ends



6.3 (1.6)



When $L+2B \leq dx3$, hole d is machined from the same direction.

When $L+2B > dx3$, hole d is machined from both ends as shown above. There may be no relief in some cases.

L Selectable (Set Screw Holes at Both Ends Type Only)

Part Number		dh7		L					T	B	M	
Type		D	Selection	Selection								
RONUS RONUA RONGS RONGA	RONHA	20	8	15	20	25	30	40	50	3	8	M3
	RONSS	25	8 10 12	15	20	25	30	40	50			
	RONSA	30	8 10 12 15	15	20	25	30	40	50			
	RONTS	35	10 12 15	20	25	30	40	50				
		40	10 12 15	20	25	30	40	50	10	M5		
		50	12 15	25	30	40	50	100				

Urethane Thickness Selectable (Set Screw Holes at One End / Both Ends)

Part Number		dH7		L		T Selection	B	M	
Type	D	Selection		10mm Increment					
Set Screw Hole at One End ROEKUS ROEKUA ROEKS ROEKG ROEKGA ROEKHA	Set Screw Holes at Both Ends	40	10	12	15	5	10	M5	
		50	10	12	15				30~100
		60	12	15	20				
		80	15	20	25				
		100	20	25	30				

L Selectable (Set Screw Holes at Both Ends Type Only)

D	L	Unit Price							
		Set Screw Holes at Both Ends							
		RONUS	RONUA	RONGS	RONGA RONHA	RONSS	RONSA	RONTS	
20	15, 20, 25								
	30, 40, 50								
25	15, 20, 25								
	30, 40, 50								
30	15, 20, 25								
	30, 40, 50								
35	20, 25								
	30, 40, 50								
40	20, 25								
	30, 40, 50								
	25								
50	30, 40, 50								
	100								

Urethane Thickness Selectable (Set Screw Holes at One End / Both Ends)

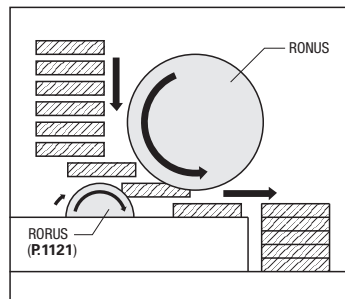
D	L	Unit Price							
		Set Screw Hole at One End				Set Screw Holes at Both Ends			
		ROEKUS	ROEKUA	ROEKS	ROEKG	ROEKHA	ROENUS	ROENUA	ROENGA
40	30~50								
	30~50								
50	60~100								
	30~50								
60	60~100								
	30~50								
80	30~50								
	60~100								
100	30~50								
	60~100								

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

Ordering Example	Part Number	-	d	-	L	-	T
	RONSS20	-	8	-	30	-	
	ROEKUA50	-	15	-	80	-	T10

Alterations	Part Number	-	d	-	L	-	T	-	(UDC)
	RONUS20	-	8	-	30	-		-	UDC
	ROEKUS50	-	15	-	80	-	T10	-	UDC

Alteration	Code	Spec.
Change to Antistatic Urethane (Urethane Color: Gray)	UDC	Change Urethane Shore A90 to Antistatic Urethane Change to Urethane Ordering Code: UDC Specific Volume Resistivity 2.1x10 ¹² Ω·cm Surface Resistivity 4.0x10 ¹² Ω (Temperature 30°C / Humidity 60%)



As a Feeding Roller for a Card Collator