

Lead Screw Support Units - Round

Support Side



Support Side Support Unit can be purchased as the separate unit. Instead of this, however, purchasing it in combination with Fixed Side Support Unit (P793) as set is the more economical.



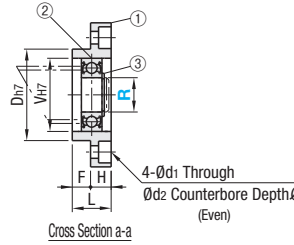
RoHS 10

This is the same product as Support Side Set in P793

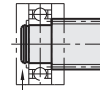
Number	Part Name	Quantity
①	Housing	1
②	Radial Bearing	1
③	Retaining Ring for Shaft (Included)	1

Contrary to image on the photo, Radial Bearing on ②, as well as Retaining Ring for Shaft, is already included with the support unit when the support unit is shipped.

Type	M Material	S Surface Treatment
MRUZ	S45C	Black Oxide



How to use Retaining Ring for Shaft



Retaining Ring for Shaft (Accessory) should be used for fixing the shaft part. Use Lead Screws for Support Units (P789) in combination with this ring, or select a product with the retaining shaft groove added on the shaft part.

Part Number	Type	R	L	H	F	D	A	C	B	V	d ₁	d ₂	ℓ	Bearing Type	Retaining Ring for Shaft	MRUZ	
																Unit Price	Volume Discount Rate
		8	13	7	6	28	45	35	35	22	3.4	6.5	4	B608ZZ	NETW5	1 ~ 4 pc(s).	5 ~ 10 pcs.
		10	14	7	7	34	52	42	42	26	4.5	8	4.5	B6000ZZ	STWN10		
		12	15	8	7	36	54	44	44	28	4.5	8	4.5	B6001ZZ	STWN12		
		15	17	9	8	40	63	50	52	32	5.5	9.5	5.5	B6002ZZ	STWN15		



Ordering Example Part Number
MRUZ15



Example

Stop Plate Set



Stop Plate Set for Digital Position Indicators Compact Mount

The orientation of clamp lever can be toggled to the opposite side by trying to mount the stop plate set in a different manner.



Stop Plate Set for Large Position Indicator Mount

The mounting position of clamp lever can be changed from the right side to the left side and vice versa.



Position Indicators are sold separately. P 811, 812

Features of Stop Plate Set, Wedge Mechanism

- The screw pulls the wedge up and fastens the shaft to require less torque force to tighten.
- High performance and optimal for the case where frequent adjustment is required. Brass wedges cause less damage to shafts.

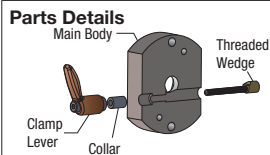
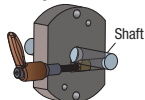


Image of Clamped State



Easy Assembly Design Dimensions Table

Type	Lead Screw		Lead Screw Support Units				Position Indicator Compact / Large		
	Shaft Dia.	Pitch	Fixed Side		Support Side		Type	Spindle Pitch	Alterations
			Type	Bearing I.D.	Type	Bearing I.D.			
	D	P		Q		R			
	12	2		8		8		2 -CSE6	
	14	3		10		10		3 -CSE8	
	16	3		12		12		3 -CSE10	
	18	4		12		12		4 -CSE10	
	20	4		15		15		4 -CSE12	
	22	5						5 -CSE12	
	25	5						5 -CSE12	

* For Digital Position Indicators Large, Spindle Pitch 2 cannot be selected.

By adding (L) to a part number, the Reverse Screw Type is delivered. For position indicators, this Screw Type should be specified.

Precaution for Use: Use the position indicators within maximum rotational speed. P 811, 812

Support Unit Mounting Procedure



- Insert the lead screw shaft into the fixed side support unit.
- After slipping a collar on, thread the included bearing nut on and temporarily tighten at 1/3 of the specified tightening torque. Mount the support side unit on the support end of the shaft and mount.
- While rotating the screw shaft, gradually tighten the bearing nut to obtain smooth motion from end to end.
- When smooth motion is obtained, tighten to full tightening torque to finish.

M	Nut Tightening Torque (N · cm)	Part Number
8	490	BNR8
10	930	BNR10
12	1370	BNR12
15	2350	BNR15

Value is for reference only.