

Lead Screw Support Units Square Type

Fixed Side Radial Bearing Type

When using Fixed Side Support Units combined with Support Side Support Units
Support Unit Sets combined Fixed Side Support Unit with Support Side Support Unit are available for lower prices.
Add -SET to part number of Fixed Side Support Units to select Support Unit Sets.



>Listed Support Side Support Unit Sets are also available by adding -SET to part number of Fixed Side Support Units on **P792**.

Fixed Side Support Unit



RoHS10

Stop Plate Set



RoHS10

Stop Plate Set for Digital Position Indicators Compact Mount



RoHS10

Stop Plate Set for Large Position Indictor Mount



RoHS10

Support Side Support Unit (MTUZ)

Available as Set by adding -SET to a part number of Fixed Side Support Unit

RoHS10

Fixed Side Support Unit Accessory Dimensions

Q	Bearing Nut		Collar Dimensions			
	M	Fine	Applicable Wrench Size	I.D.	O.D.	
8	M8x1.0	14	8	11.5	3	
10	M10x1.0	17	10	14	3	
12	M12x1.0	19	12	15	3	
15	M15x1.0	22	15	20	3	

Part Number

Type	Q	Support Unit Set	A	B	C	F	h	J	H	G	T	L	R	(l)	X	d	E	(l)	Bearing Nut	Clamp Lever	Bearing	Allowable Axial Load (N)
MTWZ	8	-SET	52	48	25	38	30	35	20	13	60.5	22	22	4.5	6.6	6	24	BNR8	CLDM6-32-M	B608ZZ	1300	
MTWZ-S	10	(Only When Purchasing Support Units In Set)	70	53	36	52	35	34	25	13	65.5	24	23	4.8	4.5	9	8	27	BNR10	B600ZZ	2300	
MTWZ-CP	12	(Only When Purchasing Support Units In Set)	70	58	36	52	40	39	30	13	70.5	24	23	4.5	9	10	27	BNR12	CLDM6-40-M	B601ZZ	2600	
MTWZ-LP	15	(Only When Purchasing Support Units In Set)	80	62	41	60	40	39	30	17	70.5	27	25	5.8	5.5	11	12	31	BNR15	B602ZZ	2900	

Ordering Example		Part Number	
TYPE	Q	(-SET)	
MTWZ	15	-SET	
MTWZ	12	-SET	
MTWZ-S	12	-SET	
MTWZ-CP	15	-SET	

Support Side Support Unit Sets are available at 5 percent reduced price compared to Without Support Side Support Units.									
Part Number	Support Unit Set	MTWZ	MTWZ-SET	MTWZ-S	MTWZ-S-SET	MTWZ-CP	MTWZ-CP-SET	MTWZ-LP	MTWZ-LP-SET
Type	Q	Support Side Set	Unit Price	Unit Price	Unit Price				
MTWZ	8	-SET							
MTWZ	10	(Only When Purchasing Support Units In Set)							
MTWZ-S	12	(Only When Purchasing Support Units In Set)							
MTWZ-CP	15	(Only When Purchasing Support Units In Set)							

For Support Side Support Unit (MTUZ) details, **P. 792**.

Lead Screw Support Units Square Type

Support Side



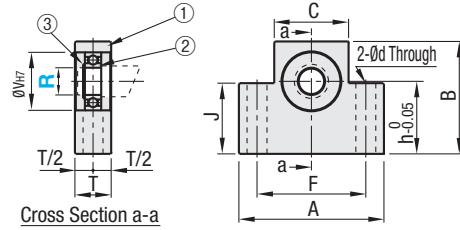
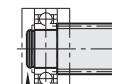
Support Side Support Unit can be purchased as the separate unit. Instead of this, however, purchasing it in combination with Fixed Side Support Unit (**P791**) as set is the more economical.

Support Side



Type	Material	Surface Treatment
MTUZ	EN 1.1191 Equiv.	Black Oxide

How to use Retaining Ring for Shaft



This is the same product as Support Side Set in **P791**

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.

Part Number	Type	R	A	B	C	F	h	J	V	T	d	Bearing Type	Retaining Ring for Shaft	MTUZ
			Unit Price	Volume Discount Rate										
	MTUZ	8	52	48	25	38	30	35	22	20	6.6	B608ZZ	NETW5	
	MTUZ	10	70	53	36	52	35	34	26	20	9	B600ZZ	STWN10	
	MTUZ	12	70	58	36	52	40	39	28	20	9	B6001ZZ	STWN12	
	MTUZ	15	80	62	41	60	40	39	32	20	11	B6002ZZ	STWN15	

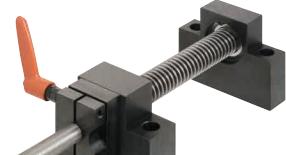


Ordering Example Part Number MTUZ15



Example

Stop Plate Set



Stop Plate Set for Digital Position Indicators Compact Mount



Stop Plate Set for Large Position Indictor Mount



Easy Assembly Design Dimensions Table

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

By adding to (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.