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

Add -SET to part number of Fixed Side Support Units to select Support

Support Unit are available for lower prices.

Listed Support Side Support Unit Sets are also available by adding -SET to part number of Fixed Side Support Units on P.792









Stop Plate Set for Large Position Indictor Mount



Support Side Support Unit (MTUZ)



	Fixed	y Dime	nsions					
		Bearin	g Nut	Collar Dimension				
	Q	M Fine	Applicable Wrench Size	I.D.	O.D.	Thicknes		
	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		
L								

Type top Plate Set for Digital Position | Stop Plate Set for Large | Indicators Compact Mount | Position Indictor Mount

	Parts Details					
Number	Part Name	MTWZ	-S/-CP/-LP	Material	SSurface Treatment	
Mullipel	Part Name		Quantity	Wiviateriai		
1	Fixed Side Support Unit	1	1	1	EN 1.1191 Equiv.	
2	Collar	1	1	1	EN 1.0038 Equiv.	
3	Bearing Nut (w/ Thread Protector)	1	1	1	EN 1.0038 Equiv.	Black Oxide
4	Stop Plate Set	-	1	(1)	EN 1.0038 Equiv.	BIACK UXIDE
(5)	Hex Socket Head Cap Screw	-	2	(2)	EN 1.7220 Equiv.	

2-Ø6.5 Through

Two preload-adjusted bearings are integrated in a Fixed Side

As one of the specifications for Support Side Support Unit, any bearing is not integrated in the main body when the product is

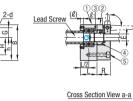
• Values in () are applicable only when support units are

*7 Only O8 product are surface-treated with Trivalent Chromate Drawing for MTWZ-S Stop Plate Set only

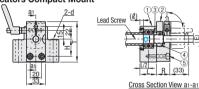
MTWZ-CP Drawing for Stop Plate Set only

MTWZ-LP Drawing for Stop Plate Set only

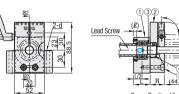
- ■Lead Screw Support Unit Main Body MTWZ
- Lead Screw 2-M6 Depth 12.0 20
- MTWZ-S



Stop Plate Set for Digital Position MTWZ-CP **Indicators Compact Mount**



■Stop Plate Set for Large **Position Indictor Mount**



MTWZ-LP (Q12, 15)

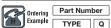
Cross Section View a2-a2

Do not use without inserting the screw shaft (empty tightening). It may deform, causing it to be unusable.

The clamp lever cannot be mounted on the opposite side.

TA collar for the clamp lever is not included with Q8. The clamp lever mounting dimensions will be the same as the Large Type.

Part Nun	nber	Support Unit Set	_	В	_	_	<u>ا</u>	١.	ш	G	-		ь	(2)	v	٦.	E	100	Bearing	Clamp Lever	Dooring	Allowable
Type	Q	Support Side Set	Α	Р		-	'''	٦	п.	G	'	-	n	(k)	^	d	=	(121)	Nut	Ciamp Lever	bearing	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	70	53	36	52	35	34	25	13	65.5	24	23	4.8	4.5	_	8	27	BNR10		B6000ZZ	2300
MTWZ-CP	12	Purchasing Support	70	58	36	52	40	39	30	13	70.5	24	23]	4.5] 9	10	27	BNR12	CLDM6-40-M	B6001ZZ	2600
MTWZ-LP	15	Units In Set)	80	62	41	60	40	39	30	17	70.5	27	25	5.8	5.5	11	12	31	BNR15		B6002ZZ	2900



Fixed side only

-SET Fixed side + support side (MTUZ or MTUZM; *Same material as fixed side) Fixed side only

-SET Fixed side + support side (MTUZ or MTUZM: *Same material as fixed side)

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-S	10	(Only When							-	-
MTWZ-CP	12	Purchasing Support								
MTWZ-LP	15	Units In Set)								

For Support Side Support Unit (MTUZ) details, F. 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 (P.791) as set is the more economical.

Black Oxide



This is the same product as Support Side Set in P.791

	1	Housing	1									
ı	2	1										
	3	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.											

Number Part Name Quantity

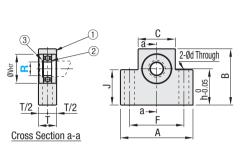


Type Material Surface Treatment

FN 1 1191

MTUZ

3 Retaining Ring for Shaft (Accessary) should be used for fixing the shaft part. Use Lead Screws for Support Units (P 789) in combination with this ring or select a product with the retaining shaft groove added on the shaft part.



Part Num	ber											Retaining	MT	UZ				
Туре	R	A B	В	В	В	В	В	С	F	h	J	V	Т	d		Ring for		Volume Discount Rate
Type	- 11											Shaft	1 ~ 4 pc(s).	5 ~ 10 pcs.				
	8	52	48	25	38	30	35	22		6.6	B608ZZ	NETW5						
MTUZ	10	70	53	36	52	35	34	26	20	9	B6000ZZ	STWN10						
WITUZ	12	70	58	36	52	40	39	28	20	9	B6001ZZ	STWN12						
	15	80	62	41	60	40	39	32		11	B6002ZZ	STWN15						



Part Number Ordering





■Stop Plate Set for Digital Position



Stop Plate Set for Large Position



Position Indicators are separately sold. **P. 811, 812**

■Easy Assembly Design Dimensions Table

							1		
Le	ad Screw			Lead Screw S	Position Indicator				
			Fixed	Side	Support	Side	Compact / Large		
Type	Shaft Dia.	Pitch	Туре	Bearing I.D.	Type	Bearing I.D.	Type	Spindle	Alterations
	D	Р	Type	Q	туре	R	туре	Pitch	Aiterations
	12	2	MTWZ MTWZ-S MTWZ-CP MTWZ-LP	8		8	D	2	-CSE6
MTW (L) K	14	3		10		10		3	-CSE8
MTWB (L) K	16	3		12		12		3	-CSE10
RMTW (L) K MTSW (L) K	18	4		12	MTUZ			4	-CSE10
	20	4		15		15		4	-CSE12
	22	5						5	-CSE12
	25	5						5	-CSF12

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

*For Digital Position Indicators Large,

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

Support Unit Mounting Procedure



- 1) Insert the lead screw shaft into the fixed side support unit.
- ②After 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.
- ③While rotating the screw shaft, gradually tighten the bearing nut to obtain smooth motion from end to end.
- (4)When smooth motion is obtained, tighten to full tightening

ľ	VI	Nut Tightening Torque (N · cm)	Part Number
	В	490	BNR8
1	0	930	BNR10
1	2	1370	BNR12
1	5	2350	BNR15

Value is for reference only.