

Support Units - Fixed Side, Round Standard

Points of comparison between similar products | Consider using this product if the usage environment is a high-load, and high-frequency drive application.

Industry Standard



RoHS 10

Type		Material		Surface Treatment	
Fixed Side only	Fixed Side and Support Side SET	① ③	⑥ ⑦	① ③ ⑥ ⑦	
BRW	BRW-SET	S45C	SS400	Black Oxide	
BRWN	BRWN-SET			Electroless Nickel Plating	
BRWR	BRWR-SET			Low Temperature Black Chrome Plating	

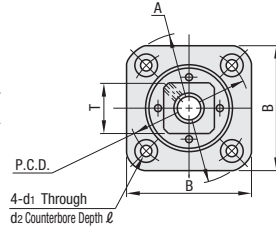
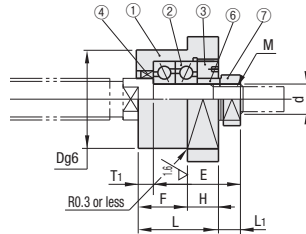
For No.8S and 10S, the I.D. of oil seal is smaller than the previous No.8S and No.10S versions.

Component Details

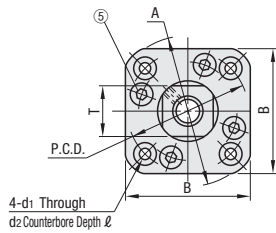
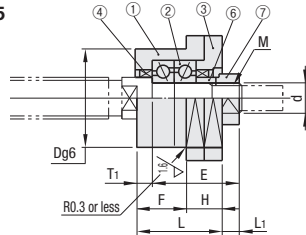
Number	Part Name	Quantity
①	Bearing Housing	1
②	Japanese standard angular contact bearing Grade 5	1 Set
③	Cover	1
④	Oil Seal	2
⑤	Hex Socket Head Cap Screw*	4
⑥	Collar	2
⑦	Bearing Nut (with Set Piece)	1

- ⚠ No oil seal ④ is attached in No. 6.
- ⚠ One oil seal ④ is attached in No. 6L/8S/8.
- ⚠ Do not disassemble ①, ②, ③, ④ and ⑤, as they must remain assembled.
- ⚠ BSWR bearing is filled with low dust generation grease.
- * Screws ⑤ for BRWR/BRWN are of Stainless Steel Type.
- ⚠ When used together with a MISUMI ball screw, there is one support unit accessory collar spare.

d=6-8



d=10-25



Part Number	Support Side SET	Dimensions (mm)															M (Fine Thread)	T	Oil Seal Applicable Shaft Dia.
		d	L	H	F	E	D	A	P.C.D.	B	L1	T1	d1	d2	ℓ				
BRW BRWN BRWR	-SET (Only when purchasing in Sets)	6L	6	20	7	13	22.5	22	36	28	28	6	3.5	3.4	6.5	4	M6x0.75	12	10
		6							2.9					5.5	3.5	12		-	
		8S							8					23	9	14		26	28
		8	10	29	13	16	29.5	34	52	42	42	5.5	5	4.5	8	6	M10x1.0	17	11.5
		10S																14	12
		10																19	15
		12																22	20
		15																30	25
		20	52	22	30	52	57	85	70	68	10	10	6.6	11	10	M20x1.0	30	25	
		25	57	27	30	59	63	98	80	79	12	10	9	15	13	M25x1.5	35	31	



Ordering Example

Part Number

BRW15

(Fixed-side single type)
(SET part type)

Part Number	Type	No.	BRW	BRW-SET	BRWN	BRWN-SET	BRWR	BRWR-SET
			Unit Price	Unit Price	Unit Price	Unit Price	Unit Price	Unit Price
BRW BRWN BRWR BRW-SET BRWN-SET BRWR-SET		6L	1 ~ 10 pc(s).	1 ~ 10 pc(s).	1 ~ 10 pc(s).	1 ~ 10 pc(s).	1 ~ 10 pc(s).	1 ~ 10 pc(s).
		6						
		8S						
		8						
		10S						
		10						
		12						
		15						
	20							
	25							

- ⚠ For details of Bearings mounting interface accuracies of Support Units, see Details of Bearing Nut P759
- ⚠ Low Temperature Black Chrome Plating products are filled with low dust generation grease for cleanrooms.
- ⚠ Store Accessories with care since they are required when assembling.