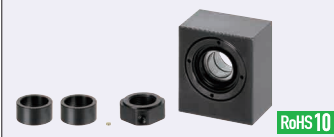


Support Units - Fixed Side, Square <for Limited Space>

Compact Type / Low Profile Type / Mounting Hole Narrow Pitch Type

As compact in height and width compared to the conventional Support Units, it is suitable for use in limited space and for small devices.

Fixed Side Compact



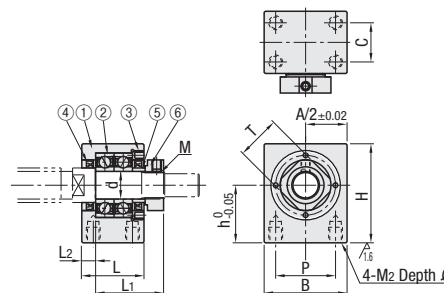
Type	Material	Surface Treatment
BSQ	EN 1.1191 Equiv.	Black Oxide
BSQM	EN 1.0038 Equiv.	Electroless Nickel Plating

Most compact in size.

Component Details

Number	Part Name	Quantity
1	Bearing Housing	1
2	Japanese made angular contact bearing Grade 5	1 Set
3	Cover	1
4	Oil Seal	2
5	Collar	2
6	Bearing Nut (with Set Piece)	1

- Do not disassemble the fixed side main body ①, ②, ③ and ④, as they must remain assembled.
- d=8 comes with one Oil Seal ④
- * Angular Contact Bearing Class 5 is used for No.8.
- * For No.10S, the I.D. of oil seal is smaller than the previous No.10S version.
- When used together with a MISUMI ball screw, there is one support unit accessory collar spare.



Part Number	Type	No.	d	L	L1	L2	B	H	h	P	M2	l	C	M (Fine)	T	Oil Seal Applicable Shaft Dia.	BSQ Unit Price 1 ~ 10 pc (s).	BSQM Unit Price 1 ~ 10 pc (s).
8	BSQ	8	8	23	26	4	32	32	17	23	5	6	14	M8x1.0	14	11.5		
10S	BSQ	10	10	27	29.5	6	36	43	25	26	6	10	17	M10x1.0	17	14		
12	BSQ	12	12	27	29.5	6	36	43	25	26	6	17	19	M12x1.0	19	15		
15	BSQ	15	15	29	38	5	46	52	30	34	6	12	19	M15x1.0	22	20		

Fixed Side Low Profile



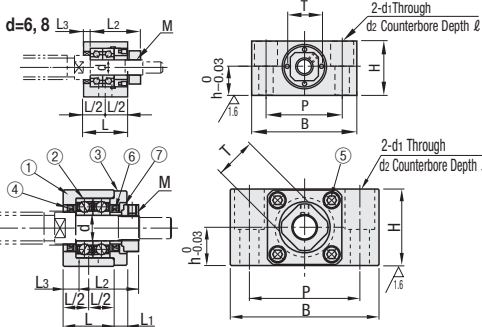
Type	Material	Surface Treatment
BSV	EN 1.1191 Equiv.	Black Oxide
BSVM	EN 1.0038 Equiv.	Electroless Nickel Plating

The lowest profile type.

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

- Oil Seal ④ is not included in d=6.
- d=8 comes with one Oil Seal ④
- Do not disassemble the fixed side main body ①, ②, ③, ④ and ⑤, as they must remain assembled.
- * ⑤ Screws of BSVM are of Stainless Steel type.
- For No.8S and 10S, the I.D. of oil seal is smaller than the previous No.8S and No.10S versions.
- When used together with a MISUMI ball screw, there is one support unit accessory collar spare.



Part Number	Type	No.	d	L	L1	L2	L3	B	H	h	P	d1	d2	l	M (Fine)	T	Oil Seal Applicable Shaft Dia.	BSV Unit Price 1 ~ 10 pc (s).	BSVM Unit Price 1 ~ 10 pc (s).
6	BSV	6	6	20	-	22.5	3.5	42	22	11	30	5.5	9.5	12	M6x0.75	12	-		
8S	BSV	8	8	23	-	26	4	52	28	14	38	6.6	11	15	M8x1.0	14	10		
10S	BSV	10	10	24	6	29.5	6	70	36	18	52	9	14	19	M10x1.0	17	14		
12	BSV	12	12	24	6	29.5	6	70	36	18	52	9	14	19	M12x1.0	19	15		
15	BSV	15	15	25	6	38	5	80	41	21	60	11	17	21	M15x1.0	22	20		
20	BSV	20	20	42	10	52	10	95	56	28	75	11	17	29	M20x1.0	30	25		

Fixed Side Mounting Hole Narrow Pitch



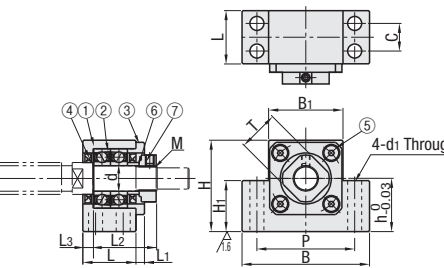
Type	Material	Surface Treatment
BSA	EN 1.1191 Equiv.	Black Oxide
BSAM	EN 1.0038 Equiv.	Electroless Nickel Plating

Compact width design.

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

- Do not disassemble the fixed side main body ①, ②, ③, ④ and ⑤, as they must remain assembled.
- * ⑤ Screws of BSAM are of Stainless Steel type.
- For No.10S, the I.D. of oil seal is smaller than the previous version.
- The screw head ⑤ protrudes 2mm from the cover.
- When used together with a MISUMI ball screw, there is one support unit accessory collar spare.



Part Number	Type	No.	d	L	L1	L2	L3	B	H	h	B1	H1	P	C	d1	M (Fine)	T	Oil Seal Applicable Shaft Dia.	BSA Unit Price 1 ~ 10 pc (s).	BSAM Unit Price 1 ~ 10 pc (s).
10S	BSA	10	10	25	4	29.5	5	60	39	22	34	21	46	13	6.6	M10x1.0	17	12		
12	BSA	12	12	25	4	29.5	5	60	43	25	35	24	46	13		M12x1.0	19	14		
15	BSA	15	15	27	6	38	6	70	48	28	40	27	54	15		M15x1.0	22	15		



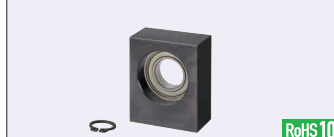
- For details of Bearings in addition to mounting interface accuracies of Support Units, Included Collar and Bearing Nut, see P.759
- Ball Screw Compatibility Chart P.756
- Store Accessories with care since they are required when assembling.

Support Units - Support Side, Square <for Limited Space>

Compact Type / Low Profile Type / Mounting Hole Narrow Pitch Type

Same dimensions as the Fixed Side Support Units with compact in height and width. Use it together with Fixed Side Support Units.

Support Side Compact

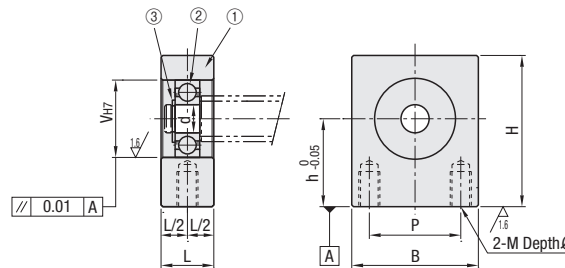


Type	Material	Surface Treatment
BUQ	EN 1.1191 Equiv.	Black Oxide
BUQM		Electroless Nickel Plating

Component Details

Number	Part Name	Quantity
1	Housing	1
2	Japanese made radial bearing	1
3	Retaining Ring*	1

*③ Retaining Ring for BUQM is of Stainless Steel Type.



Part Number	Type	No.	d	L	B	H	h	P	V	M	l	Bearing Type	Retaining Ring	BUQ Unit Price 1 ~ 10 pc (s).	BUQM Unit Price 1 ~ 10 pc (s).
8	BUQ	8	6	15	32	32	17	23	17	5	6	B606ZZ	STWN, S6		
10	BUQ	10	8	20	36	43	25	26	22	6	10	B608ZZ	STWN, S8		
12	BUQ	12	10	20	46	52	30	34	26		10	B6000ZZ	STWN, S10		
15	BUQ	15	15						32		12	B6002ZZ	STWN, S15		

Support Side Low Profile

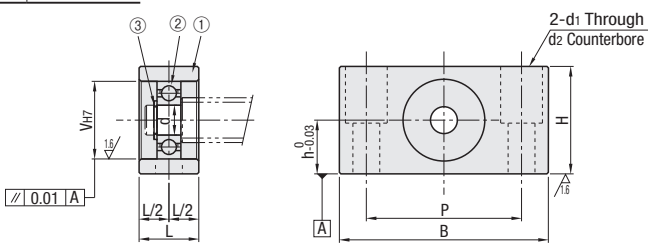


Type	Material	Surface Treatment
BUV	EN 1.1191 Equiv.	Black Oxide
BUVM		Electroless Nickel Plating

Component Details

Number	Part Name	Quantity
1	Housing	1
2	Japanese made radial bearing	1
3	Retaining Ring*	1

*③ Retaining Ring for BUVM is of Stainless Steel Type.



Part Number	Type	No.	d	L	B	H	h	P	V	d1	d2	l	Bearing Type	Retaining Ring	BUV Unit Price 1 ~ 10 pc (s).	BUVM Unit Price 1 ~ 10 pc (s).
6	BUV	6	6	12	42	22	11	30	17	5.5	9.5	12	B606ZZ	STWN, S6		
8	BUV	8	8	15	52	28	14	38	17	6.6	11	15	B606ZZ	STWN, S6		
10	BUV	10	10	20	70	36	18	52	22	9	14	19	B608ZZ	STWN, S8		
12	BUV	12	12	20	70	36	18	52	26				B6000ZZ	STWN, S10		
15	BUV	15	15	20	80	41	21	60	32	11	17	21	B6002ZZ	STWN, S15		
20	BUV	20	20	26	95	56	28	75	47	11	17	29	B6204ZZ	STWN, S20		

Support Side Mounting Hole Narrow Pitch

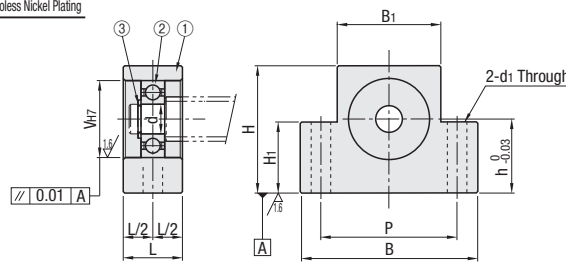


Type	Material	Surface Treatment
BUA	EN 1.1191 Equiv.	Black Oxide
BUAM		Electroless Nickel Plating

Component Details

Number	Part Name	Quantity
1	Housing	1
2	Japanese made radial bearing	1
3	Retaining Ring*	1

*③ Retaining Ring for BUAM is of Stainless Steel Type.



Part Number	Type	No.	d	L	B	H	h	B1	H1	P	V	d1	Bearing Type	Retaining Ring	BUA Unit Price 1 ~ 10 pc (s).	BUAM Unit Price 1 ~ 10 pc (s).
10	BUA	10	8	20	60	39	22	34	21	46	22	6.6	B608ZZ	STWN, S8		
12	BUA	12	10	20	43	25	35	24	26				B6000ZZ	STWN, S10		
15	BUA	15	15	20	70	48	28	40	27	54	32		B6002ZZ	STWN, S15		

