Note that, for some of the types shown here, order might be unable to be received by the MISUMI Indonesia offices.

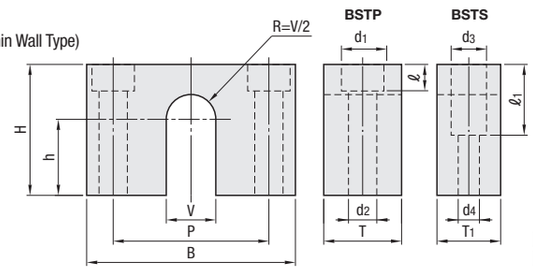
Support Units Peripherals

Stoppers for Ball Screws / Precision Collars for Support Units

■Can be used as Mechanical Stoppers for Ball Screws

■Stoppers for Ball Screws

BSTP
BSTS (Thin Wall Type)

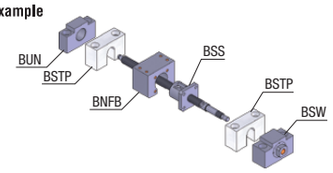


M Material: Ether-based Polyurethane
H Hardness: Shore A90

Part Number Type	No.	B	H	h	P	V	BSTP T	BSTP d1	BSTP d2	BSTP ℓ	BSTS T1	BSTS d3	BSTS d4	BSTS ℓ1	Unit Price
BSTP BSTS (Thin Wall Type)	6	42	25	13	30	12	20	9.5	5.5	5.5	13	8	4.5	15	
	8	52	32	17	38	14		11	6.5	6.5	15	9.5	5.5	17	
	1022	70	40	22	52	16	25	14	9	9	18	11	6.5	23	
	10		43	25											
	1223		41	23		18									
	12		43	25											
	1526	80	46	26	60	22	30	17	11	11	20	14	9	30	
	1528		48	28											
	15		50	30											
	20	95	58		75	28								33	
	25	105	68	35	85	35								38	

Ordering Example — Part Number: BSTP15

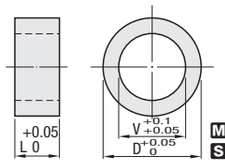
ex Example



■Precision Collars for Support Units

BUSC

As BUSC is slightly larger than the included collar in O.D., it is effective in bearing oil retention. The Low Temperature Black Chrome Plating used helps for low particle generation.



M Material: SS400
S Surface Treatment: Low Temperature Black Chrome Plating

Part Number Type	No.	D	V	L	Unit Price 1 ~ 10 pc (s).
BUSC	10	14.5	10	5.5	
	12	15.4	12	5.5	
	15	20.4	15	10	
	20	25.4	20	11	
	25	31.3	25	14	

Ordering Example — Part Number: BUSC15

Brackets for Ball Screws

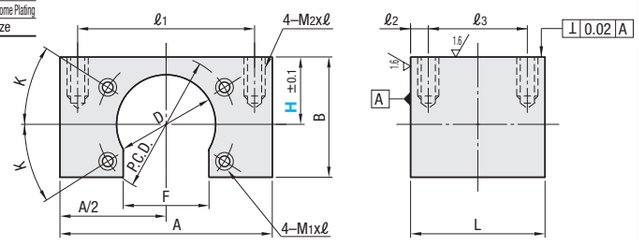
Block Type

■There are a lineup of variations that match the nut sizes of the MISUMI ball screws.

■Brackets for Ball Screws

RoHS10

Type	M Material	S Surface Treatment
BNFB	S45C Equivalent	Black Oxide
BNFM		Electroless Nickel Plating
BNFR	S45C	Low Temperature Black Chrome Plating
BNFA	Aluminum Alloy	Clear Anodize

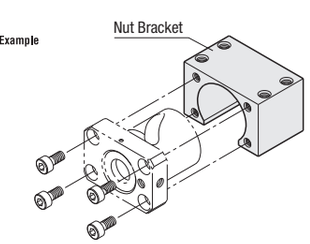


Part Number Type	No.	H Selection	A	B	P.C.D.	K	M1xℓ	D	ℓ1	F	L	ℓ2	ℓ3	M2xℓ	MISUMI Ball Screw BSX (C3)	BSS (C5) BSSE (C7)	BS□□□ (C10)
BNFB BNFM BNFR BNFA	801X	10 20	30	H+8	19	30	M3x5	12.4	24	8	16	3	10	M3x5	0801	-	-
	802S	18 20 23 25	40	H+13	27	45		20.4	30	14	28	8	12	M4x 8	0802	0802	-
	802C	17 20 23 25		H+10	24	30	M4x7	16.4		12	24	6			-	-	0802
	802R	17 20 23 25 28 30	43	H+12	30	0		20.4	34	17					-	-	0802
	804R	17 20 23 25 28 30				30	M3x 5	23.4		16					-	-	0804
	1002R	17 20 23 25 28 30	50	H+13.5	33		M4x 7		42						-	-	1002
	1002X	17 20 23 25 28 30	43	H+15.5	31	45			34		26	7			1002	-	-
	1002S	17 20 23 25 28 30 35 40									24	6			-	1002	-
	1004S	20 23 25 28 30 35 40	52	H+14	36	30		26.4	42	22	32	10	16	M5x10	-	1004	-
	1004C	17 20 23 25 28 30 35 40	50	H+13	31			22.4	40	18	27	6	15		-	-	1004
	1004R	17 20 23 25 28 30 35 40	52	H+14	36			26.4	42	22					-	-	1004
	1010R	17 20 23 25 28 30 35 40		H+15				28.4		23					-	-	1010
	1010S	17 20 23 25 28 30 35 40									34	7	20		-	1010	-
	1202S	20 23 25 28 30 35 40	50	H+17	33	45		25.4	40	15	28	8	14		1202	1202	-
	1204S	23 25 28 30 35 40		H+20.5	41		M5x 7	30.4		20	34	7	20		-	1204	-
	1204C	20 23 25 28 30 35 40	52	H+14	33	30		24.4	42		27	6	15		-	-	1204
	1204R	20 23 25 28 30 35 40	60	H+15	40		M4x 7	30.4	50	24	29	7	20		-	-	1204
	1205S	20 23 25 28 30 35 40		H+16							36	8			1205	1205	-
	1210S	20 23 25 28 30 35 40			41		M5x 7				40	10			-	1210	1210
	1405R	20 23 25 28 30 35 40			40		M4x 7								-	-	1405
	1505C	20 23 25 28 30 35 40 45		H+17	42		M5x 7	31.4			34	7		M6x12	-	-	1505
	1505R	20 23 25 28 30 35 40 45	62		44		M4x 7	34.4	52	28					-	-	1505
	1505S	20 23 25 28 30 35 40 45			45						36	8			1505	1505	-
	1510S	20 23 25 28 30 35 40 45									42	11			-	1510	-
	1510C	20 23 25 28 30 35 40 45			42		M5x 7	31.4		24	38	7	24		-	-	1510
	1510R	20 23 25 28 30 35 40 45			45			34.4		28	44		30		-	-	1510
	1520S	23 25 28 30 35 40 45									50				-	1520	1520
	2005C	25 28 30 35 40 45	72	H+19	49		M6x10	36.4	60	26	40	10	20	M8x16	-	-	2005
	2010C	25 28 30 35 40 45									50		30		-	-	2010
	2005S	25 28 30 35 40 45	76	H+20	53		M6x10	40.4	64	34	55		35		-	2005	-
	2005R	25 28 30 35 40 45	68		50		M4x 7		56		40		20			-	2005
	2020R	25 28 30 35 40 45		H+19.5			M5x 7			32	70	15	40			-	2020
	2505C	28 30 35 40 45 55	76	H+24	53		M6x10	42.4	64		40	10	20			-	2505
	2505R	28 30 35 40 45 55		H+21	55		M5x 7	43.4	62	38	60		40	M10x20		-	2505
	2010S	28 30 35 40 45 55	82	H+23	59		M6x10	46.4	70	40	55		35	M8x16		2010/2020	-
	2525R	28 30 35 40 45 55			60			47.4			90		70			-	2525
	2505S	30 35 40 45 55	76	H+28.5		45			64	32	40		20			2505	-
	2010R	35 40 45 55	84	H+26	67	30		52.4	72	46	60		40			-	2010
	2510S	35 40 45 55	94		68		M8x12		80	44	55		35	M10x20		2510/2520	-
	2510R	35 40 45 55	100	H+30	78			60.4	86	54	60		40			-	2510
	2806R	35 40 45 55	87	H+26	65		M6x10	50.4	75	42				M8x16		-	2806
	3232R	35 40 45 55	106	H+30	74		M8x12	58.4	86	50	75		55	M10x20		-	3232
	3210R	40 45 55	116	H+33	85			67.4	96	58	80		60			-	3210

No.802R has 2 holes. No.□□□□C is for C10 Rolled Ball Screws Compact Type.

Ordering Example — Part Number: BNFB802S - H: 20

ex Example



No.	Unit Price BNFB	BNFM	BNFR	BNFA
801X				
802S				
802C				
802R				
804R				
1002R				
1002X				
1002S				
1004S				
1004C				
1004R				
1010R				
1010S				
1202S				
1204S				
1204C				
1204R				
1205S				
1210S				
1405R				

No.	Unit Price BNFB	BNFM	BNFR	BNFA
1505C				
1505R				
1505S				
1510S				
1510C				
1510R				
1520S				
2005C				
2010C				
2005S				
2005R				
2020R				
2505C				
2505R				
2010S				
2525R				
2505S				
2010R				
2510S				
2510R				
2806R				
3232R				
3210R				