

Ball Slide Guides

Counterbored Holes / Tapped Holes

Counterbored Holes



RoHS10

Tapped Holes



RoHS10

Type			Material		Hardness
Counterbored Hole	With Dowel Holes Counterbored Hole	Tapped Hole	Main Body Rails	Retainer	Main Body Rails
BSG	BSGP	BSGM	Stainless Steel	SUS304	56HRC-

Heat Resistant Temperature: -20 ~ 80°C

Included Rail Mounting Screws

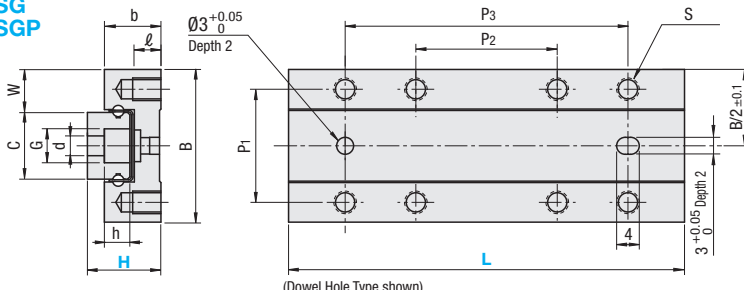
: H6 Counterbored Type comes with class 1 slotted button head screws (M2x6).

: H8 Counterbored Type comes with cap screws (M2x6).

Filled with Lithium soap based grease (Multemp Grease PS2 by Kyodo Yushi Co., Ltd.).

Counterbored Holes (Rail)

BSG
BSGP



(Dowel Hole Type shown)

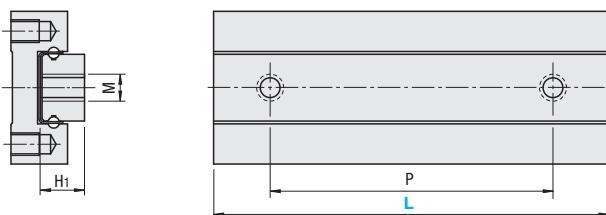
H6 and H8 tables do not have a groove.



(The rail shown in this diagram is the counterbored type.)

Tapped Holes (Rail)

BSGM



Part Number	Selection	Max. Stroke (Reciprocating Motion)	W	Block Dimension						Guide Rail Dimension						Basic Load Rating			Allowable Static Moment			Mass (g)	Precision	
				H	L	B	P1	P2	P3	S	ℓ	b	C	H1	dxGxh	M	P	C (Dynamic) N	Co (Static) N	M1 N·m	M2 N·m		M3 N·m	Deflection A
Counterbored Hole BSG	6	25	14	3.55	12	8	15	-	M2	1.5	4.5	4.9	4	2.4x3.5x1	M2.6	15	390	847	1.5	1.5	2.2	10	4	6
		40	19				15	30							30	603	1573	2.9	2.9	4.2	16			
With Dowel Holes Counterbored Hole BSGP	8	25	14	5.1	17	12	15	-	M2.5	3	6.5	6.8	4.7	2.4x4.2x2.3	M3	15	628	1270	2.5	2.5	4.6	20		
		40	20				15	30							30	962	2329	5.1	5.1	8.5	33			
Tapped Hole BSGM	10	*35	22	5.55	20	15	20	-	M3	3.5	7.8	8.9	5.5	3.5x6x3.5	M4	20	1038	2016	5.4	5.4	9.5	40		
		*55	28				20	40						40	1886	4032	11.1	11.1	19.0	65	5	8		
		*45	26				25	-						25	1627	3334	10.6	10.6	20.7	93	4	6		
	13	*70	36	7.6	27	20	25	50	M4	5	10	11.8	7.5	3.5x6x4.5	M4	50	2519	6192	20.0	20.0	38.4	146	5	8

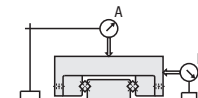
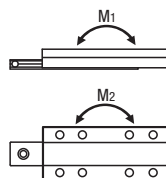
Only * marked sizes are available for Dowel Hole Type.

kgf=Nx0.101972



Ordering Example

Part Number - L
BSG8 - 40



A: Parallelism at the Center of Table (μm)
B: Parallelism at Side Surface (μm)

Handle with Care

Ball Slide Guides are vulnerable to impacts. Dropping it or applying extra force will impair its sliding performance. Please handle it with utmost care.

H	Selection L	Unit Price		
		Stainless Steel		
		BSG	BSGM	BSGP
6	25			-
	40			-
8	25			-
	40			-
10	35			-
	55			-
13	45			-
	70			-