

Post (Hex, Square and Circular)

Overview

Small Dia. Hex Posts

Both Ends Tapped / One End Threaded One End Tapped

Misumi Round Pole Lineups

For posts, see the following:

Product Name	Posts (for post use)
App. Example	
Page	P2115
Shaft Dia. Tolerance	0 -0.1
Material / Hardness	SS400/Steel for General Structure: SUS304

For materials, see the following:

Product Name	Round Bars (Material)
App. Example	
Shaft Dia. Tolerance	0 -0.1 0 -0.2 ±0.1-0.4
Material / Hardness	SUS/Aluminum/Carbon Steel/Chromium Molybdenum Steel/Copper

For rotational use, see the following:

Product Name	Rotary Shaft (For Rotation)
App. Example	
Shaft Dia. Tolerance	h7 / g6 / h8
Material / Hardness	S45C SUS304

For linear motion use, see the following:

Product Name	Shaft (For Linear Motion use)
App. Example	
Shaft Dia. Tolerance	g6 / f8 / h5
Material / Hardness	SUJ2 Equivalent, 58HRC-S45C or SUS304, SUS440C Equivalent 58HRC~

■ Features: Suitable when space is limited.

■ Small Dia. Hex Posts

Type	Material	Surface Treatment
Both Ends Tapped	Steel for general construction or SUM	Black Oxide
One End Threaded One End Tapped	SUS303	Electroless Nickel Plating
BSLCB	BSLCG	
PSLCB	PSLCG	
SLCB	SLCG	

Both Ends Tapped

One End Threaded One End Tapped

RoHS 10

Shape and Material Selection List

Shape Name, Type	Shape	Hex Posts							Circular Posts							Page
		Steel (SS400/Steel for general structure*)				Stainless Steel (SUS303, 304)	Aluminum (A2011)	Page	Steel (SS400/Steel for general structure)				Stainless Steel (SUS304)	Aluminum (A2017)	Plastic (Polyacetal)	
		No Surface Treatment	Black Oxide	Electroless Nickel Plating	Trivalent Chromate	No Surface Treatment	Clear Anodize		No Surface Treatment	Black Oxide	Electroless Nickel Plating	Trivalent Chromate	No Surface Treatment	Clear Anodize		
Both Ends Tapped	Small Dia.	-	●	●	-	●	-	P2116	-	-	-	-	-	-	-	-
	Standard	●	●	●	●	●	●	P2117	●	●	●	●	●	●	●	P2127
One End Threaded One End Tapped	Small Dia.	-	●	●	-	●	-	P2116	-	-	-	-	-	-	-	-
	Standard	●	●	●	●	●	-	P2119 P2121	●	●	●	●	●	-	-	P2129 P2131
Both Ends Threaded	Standard	●	●	●	-	●	-	P2121	●	●	●	-	●	-	-	P2131
Pilot	Both Ends Tapped	●	●	●	-	●	-	P2123	●	●	●	-	●	-	-	P2133
	One End Threaded One End Tapped	●	●	●	-	●	-	P2123	●	●	●	-	●	-	-	P2133
	Both Ends Threaded	●	●	●	-	●	-	P2123	●	●	●	-	●	-	-	P2133
One End Tapped	Standard	●	●	●	-	●	-	P2125	●	●	●	-	●	-	●	P2135 P2136
	Standard	●	●	●	-	●	-	P2125	●	●	●	-	●	-	-	P2135

*Small diameter hex posts (only) are partly SUM43.

Shape Name, Type		Shape	Square Post				Page
			Steel (SS400/Steel for general structure)			Stainless Steel (SUS304)	
			-	Black Oxide	Electroless Nickel Plating	-	
Square Post	Both Ends Tapped		●	●	●	●	P2137
	One End Threaded One End Tapped		●	●	●	●	P2137

Relief Dimension of Threaded Post (Reference)

M	MC	g
2	1.5	0.8
2.6	2.1	0.8
3	2.3	1.0
4	3	1.2
5	3.9	1.5
6	4.3	2.0
8	6.2	2.5
10	8	
12	9.8	3.0
16	13.6	
20	17	4.0
24	20	
27	23	5.0
30	26	

Small Dia. Hex Posts

Both Ends Tapped / One End Threaded One End Tapped

■ Features: Suitable when space is limited.

■ Small Dia. Hex Posts

Type	Material	Surface Treatment
Both Ends Tapped	Steel for general construction or SUM	Black Oxide
One End Threaded One End Tapped	SUS303	Electroless Nickel Plating
BSLCB	BSLCG	
PSLCB	PSLCG	
SLCB	SLCG	

Both Ends Tapped

One End Threaded One End Tapped

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Part Number			L Selection																M	ℓ	(C)	
Type	B																					
Both Ends Tapped	One End Threaded	One End Tapped	*4	5	6	7	8	9	10									15	20	M2	5	4.6
BSLCB	BSLCG		*5	5	6		8	9	10									15	20	M2.6	5	5.8
PSLCB	PSLCG		5.5	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	M3	6	6.3	
SLCB	SLCG																					

* B Dimensions 4 and 5 are only applicable to SLCB and SLCG. ⚠ Antirust Oil is applied to posts with black oxide and electroless nickel plating finish.
⚠ When $L \leq M \times 6$, the Pilot Hole for Both Ends Tapped Type may go through.
⚠ For One End Threaded One End Tapped Type, when L dimensions are 5 and 6, then ℓ dimensions are 3 and 4 respectively.

Ordering Example	Part Number	-	L
	BSLCB 5.5	-	12
	SLCG 5	-	20

Both Ends Tapped

Part Number		L	Qty.		
Type	B		Unit Price	Volume Discount Rate	
			1~29	30~49	50~100
Steel for general construction or SUM Black Oxide BSLCB	5.5	5~12			
		13~20			
Steel for general construction or SUM Electroless Nickel Plating PSLCB	5.5	5~12			
		13~20			
SUS303 SLCB	4	5~10			
		15, 20			
	5	5~10			
		15, 20			
	5.5	5~12			
		13~20			

⚠ For orders larger than indicated quantity, please check with WOS.

One End Threaded One End Tapped

Part Number		L	Qty.		
Type	B		Unit Price	Volume Discount Rate	
			1~29	30~49	50~100
Steel for general construction or SUM Black Oxide BSLCG	5.5	5~12			
		13~20			
Steel for general construction or SUM Electroless Nickel Plating PSLCG	5.5	5~12			
		13~20			
SUS303 SLCG	4	5~10			
		15, 20			
	5	5~10			
		15, 20			
	5.5	5~12			
		13~20			

⚠ For orders larger than indicated quantity, please check with WOS.

*For posts with an O.D. g6 tolerance combined with post stands and strut clamps, refer to P2143