

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	EN 1.0038 Equiv./Steel for general structure: EN 1.4301 Equiv.

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	Stainless Steel/Aluminum/Carbon Steel Chromium Molybdenum Steel/Copper

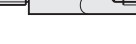
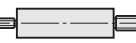
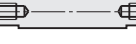
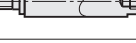
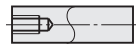
For rotational use, see the following:

Product Name	Rotary Shaft (For Rotation)
App. Example	
Shaft Dia. Tolerance	h7 / g6 / h8
Material / Hardness	EN 1.1191 Equiv. EN 1.4301 Equiv.

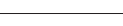
For linear motion use, see the following:

Product Name	Shaft (For Linear Motion use)
App. Example	
Shaft Dia. Tolerance	g6 / f8 / h5
Material / Hardness	EN 1.3505 Equiv., S59RC-EN 1.1191 Equiv. or EN 1.4301 Equiv. EN 1.4125 Equiv. S59RC-

Shape and Material Selection List

Shape Name, Type		Shape	Hex Posts							Circular Posts							
			Steel (EN 1.0038 Equiv./Steel for general structure)				Stainless Steel (EN 1.4305 Equiv., 304)	Aluminum (EN AW-2011 Equiv.)	Page	Steel (EN 1.0038 Equiv./Steel for general structure)				Stainless Steel (EN 1.4301 Equiv.)	Aluminum (EN AW-2017 Equiv.)	Plastic (Polyacetal)	Page
			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 P2136
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 EN 1.0762 Equiv.

Shape Name, Type		Shape	Square Post				Page
			Steel (EN 1.0038 Equiv./Steel for general structure)			Stainless Steel (EN 1.4301 Equiv.)	
			-	Black Oxide	Electroless Nickel Plating	-	
Square Post	Both Ends Tapped		●	●	●	●	P2137
	One End Threaded One End Tapped		●	●	●	●	P2137

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

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	

■Features: Suitable when space is limited.

Small Dia. Hex Posts

Type	Material	Surface Treatment
Both Ends Tapped	BSLCB	Black Oxide
One End Threaded One End Tapped	BSLCG	Electroless Nickel Plating
PSLCB	EN 1.4305 Equiv.	-
SLCB	-	-

Both Ends Tapped

One End Threaded One End Tapped

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	6	7	8	9	10	11	12	13	14	15	16	17	18	20	M3	6	6.3		
SLCB	SLCG	5.5	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20	M3	6	6.3		

* 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≤Mx6, 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	Type	B	L	Qty.		
				Unit Price	Volume Discount Rate	
				1~29	30~49	50~100
Steel for general structure is EN 1.0762 Equiv. Black Oxide BSLCB	5.5	5~12	13~20			
Steel for general structure is EN 1.0762 Equiv. Electroless Nickel Plating PSLCB	5.5	5~12	13~20			
EN 1.4305 Equiv. SLCB	4	5~10	15, 20			
		5~10	15, 20			
	5	5~10	15, 20			
		5~12	13~20			
	5.5	5~12	13~20			
		13~20				

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

One End Threaded One End Tapped

Part Number	Type	B	L	Qty.		
				Unit Price	Volume Discount Rate	
				1~29	30~49	50~100
Steel for general structure is EN 1.0762 Equiv. Black Oxide BSLCG	5.5	5~12	13~20			
Steel for general structure is EN 1.0762 Equiv. Electroless Nickel Plating PSLCG	5.5	5~12	13~20			
EN 1.4305 Equiv. SLCG	4	5~10	15, 20			
		5~10	15, 20			
	5	5~10	15, 20			
		5~12	13~20			
	5.5	5~12	13~20			
		13~20				

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