Small Hexagonal Posts

Both Ends Tapped / One End Threaded, One End Tapped

Features: Suitable when space is limited.

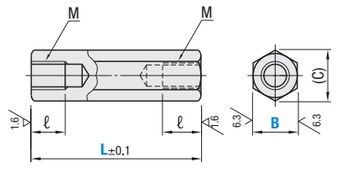
Small Hexagonal Posts – Both Ends Tapped / One End Threaded, One End Tapped

RoHS10

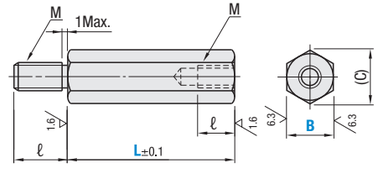
Type		Material	Surface Treatment
Both Ends Tapped	One End Threaded, One End Tapped		
BSLCB	BSLCG	1018 Carbon Steel or Equivalent or SUM	Black Oxide
PSLCB	PSLCG		Electroless Nickel Plating
SLCB	SLCG	303 Stainless Steel	—

25/ (6.3/1.6/)

Both Ends Tapped



One End Threaded, One End Tapped



Part Number Type		B	L Dimension Selection															M	ℓ	(C)
Both Ends Tapped	One End Threaded, One End Tapped	4	5	6	7	8	9	10					15				20	M2	5	4.6
BSLCB PSLCB SLCB	BSLCG PSLCG SLCG	5	5	6		8	9	10					15				20	M2.6	5	5.8
		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.
- Anti-rust 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 and One End Tapped Type, when L dimensions is 5 and 6, then ℓ dimension is 3 and 4 respectively.

Part Number Example

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

Add. Spec. Printed in Red

Hexagonal Posts

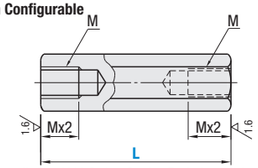
Both Ends Tapped

Hexagonal Posts – Both Ends Tapped

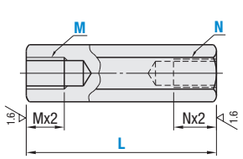
RoHS10 ⓘ Part Number not RoHS compliant

Type			Material	Surface Treatment
L Dimension Selectable	L Dimension Configurable	L Dimension, Thread Diameter Configurable		
—	NLSFB	NLSBF	1018 Carbon Steel or Equivalent	—
LSBRK	LSFB	LSBF		Black Oxide
PLSBRK	PLSFB	PLSBF		Electroless Nickel Plating
—	BLSFB	BLSBF		Trivalent Chromate (Black)
SLSBRK	SLSBFA	SLSBF	304 Stainless Steel	—
—	ALSFB	ALSBF	2011 Aluminum Alloy	Clear Anodize

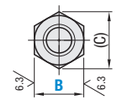
L Dimension Selectable
L Dimension Configurable



L Dimension / Thread Diameter Configurable



25/ (6.3/1.6/)



- ⓘ Anti-rust Oil is applied on 1018 Carbon Steel or Equivalent products.
- ⓘ Trivalent Chromate (Black) may not always be fully deposited on internal tapped threads

L Dimension Selectable

Part Number Type	B	L (Dimension Selection)																			M (Coarse)	(C)
	6	15	20	25	30	35	40	45	50												3	6.9
1018 Carbon Steel or Equivalent	7		20	25	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150		4	8.1
LSBRK	8		20	25	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	200	5	9.2
PLSBRK	10			25	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	200	6	11.5
	12			25	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	200	6	13.9
	13					35	40	45	50	60	70	80	90	100	110	120	130	140	150	200	8	15.0
304 Stainless Steel	14					35	40	45	50	60	70	80	90	100	110	120	130	140	150	200	8	16.2
SLSBRK	17						40	45	50	60	70	80	90	100	110	120	130	140	150	200	10	19.6
	19								50	60	70	80	90	100	110	120	130	140	150	200	12	21.9

L Dimension Configurable

Part Number Type	B	L 0.5 mm Increment	M (Coarse)	(C)
1018 Carbon Steel or Equivalent	*5	8–100.0	2.6	5.8
	6	8–100.0	3	6.9
NLSFB	7	10–200.0	4	8.1
LSFB	8	15–250	5	9.2
PLSFB	10	25–350	6	11.5
BLSFB	12	25–500.0	6	13.9
	13	30–500.0	8	15.0
304 Stainless Steel	14	25–600.0	8	16.2
SLSBFA	17	40–600.0	10	19.6
	19	50–600.0	12	21.9
2011 Aluminum Alloy	24	50–700.0	16	27.7
	27	60–800.0	20	31.2
ALSFB	30	60–1000.0	20	34.6
	32	75–1000.0	24	36.9

- ⓘ When L≤Mx4, tapped hole goes through
- ⓘ When L≤(Mx2+Depth of Pilot Hole)x2, tap pilot holes may go through. (With MD, L≤(MDx3+Depth of Pilot Hole)x2).
- ⊗ *B=5 is not available for 2011 Aluminum Alloy.

L Dimension, Thread Diameter Configurable

Part Number Type	B	L 0.5 mm Increment	M, N (Coarse) Selection								(C)
1018 Carbon Steel or Equivalent	*5	8–100.0	2	2.6							5.8
	6	15–100.0	3	4							6.9
NLSBF	7	15–200.0	3	4	5						8.1
LSBF	8	20–250	3	4	5	6					9.2
PLSBF	10	25–350	3	4	5	6	8				11.5
BLSBF	12	25–500.0	3	4	5	6	8				13.9
	13	30–500.0	3	4	5	6	8	10			15.0
	14	30–600.0	3	4	5	6	8	10			16.2
304 Stainless Steel	17	40–600.0		4	5	6	8	10	12		19.6
SLSBF	19	50–600.0		4	5	6	8	10	12	16	21.9
	24	60–700.0			5	6	8	10	12	16	20	27.7
2011 Aluminum Alloy	27	60–800.0			5	6	8	10	12	16	20	31.2
ALSBF	30	75–1000.0			5	6	8	10	12	16	20	24	34.6
	32	75–1000.0			5	6	8	10	12	16	20	24	36.9

- ⓘ L≥Mx2+Nx2
- ⓘ When L≤(Mx2+Depth of Pilot Hole)+(Nx2+Depth of Pilot Hole), tap pilot holes may go through. (With MD or ND, L≤(MDx3+Depth of Pilot Hole)+(NDx3+Depth of Pilot Hole)).
- ⊗ *B=5 is not available for 2011 Aluminum Alloy.

Part Number Example

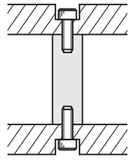
Part Number	-	L	-	M	-	N
(L Dimension Selectable) LSBRK13	-	100				
(L Dimension Configurable) LSFB6	-	48				
(L Dimension / Thread Diameter Configurable) LSBF10	-	200	-	M4	-	N6

L dim. tolerance is normally.
L 8–300 ±0.1
L300.5–600 ±0.3
L600.5–1000 ±0.4

Part Number Alterations

Part Number	-	L	-	M	-	N	-	(LKC)
LSFB6	-	42					-	LKC
LSBF10	-	200	-	M4	-	N6	-	LKC

Application Example



Alterations	Code	Spec.
L Dimension Tolerance 	LKC	L Dimension tolerances are as follows: **Ordering Code:** LKC With LKC, Length L can be specified in 0.1 mm increment. L: 8–300 — L Tolerance: ±0.05 300.5–600 — ±0.10 600.5–1000 — ±0.15 ⊗ Not available for L Dimension Selectable Type.
Full Length (L Dimension) Precision 	LVC	When ordering multiple, each L dimension variation will be within ±0.02mm **Ordering Code:** LVC ⓘ Applicable only for L≤200 and less than 20 orders for 1 itemized line. ⊗ Not available for L Dimension Selectable Type.
Effective Length of Tapped Thread 	MD ND	Change the effective length of the tapped thread portion to M (or N) x 3. **Ordering Code:** MD6/ND6 (Change M to MD, and N to ND) ⓘ MD x 3 + ND x 3 ≤ L ⓘ Applicable only for L Dimension, Thread Dia. Configurable type. ⊗ Not available for B=5