

# Hex Posts

## Both Ends Tapped

For products uncovered by the e-Catalog Standard, see P.131.

For this product, L dim. can be configured in 0.1mm increments by specifying LKC Alteration.

### Both Ends Tapped



Type			Material	Surface Treatment
L Dimension Selectable	L Dimension Configurable	L Dimension, Thread Dia. Configurable		
-	NLSFB	NLSBF	Steel for General Structure	-
LSBRK	LSFB	LSBF		Black Oxide
PLSBRK	PLSFB	PLSBF		Electroless Nickel Plating
-	BLSFB	BLSBF	SUS304	Trivalent Chromate (Black)
SLSBRK	SLSBFA	SLSBF		-
-	ALSFB	ALSBF	A2011-T8	Clear Anodize

  

L Dimension Selectable, L Dimension Configurable		L Dimension, Thread Dia. Configurable	
M	M	M	N
Mx2	Mx2	Mx2	Nx2
L	L	L	L

  

Part Numbers in yellow are not RoHS compliant. RoHS10  
 Anti-rust Oil is applied on products made of Steel for General Structure. Trivalent Chromate (Black) may not always be fully deposited on internal tapped threads.

### L Dimension Selectable

Part Number Type	B	L Selection																M (Coarse)	(C)		
		6	7	8	10	12	13	14	17	19	15	20	25	30	35	40	45			50	
Steel for General Structure LSBRK PLSBRK SUS304 SLSBRK	6	15	20	25	30	35	40	45	50										3	6.9	
	7	20	25	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	4	8.1	
	8	20	25	30	35	40	45	50	60	70	80	90	100	110	120	130	140	150	200	5	9.2
	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			
	14	35	40	45	50	60	70	80	90	100	110	120	130	140	150	200	8	16.2			
	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 0.5mm Increment	M (Coarse)	(C)
Steel for General Structure NLSFB LSFB PLSFB BLSFB SUS304 SLSBFA A2011-T8 ALSFB	6	8-100	3	6.9
	7	10-200	4	8.1
	8	15-250	5	9.2
	10	25-350	6	11.5
	12	25-500	6	13.9
	13	30-500	8	15.0
	14	25-600	8	16.2
	17	40-600	10	19.6
	19	50-600	12	21.9
	24	50-700	16	27.7
27	60-800	20	31.2	
30	60-1000	20	34.6	
32	75-1000	24	36.9	

### L Dimension, Thread Dia. Configurable

Part Number Type	B	L 0.5mm Increment	M (Coarse) / N (Coarse) Selection		(C)
			2	2.6	
Steel for General Structure NLSBF LSBF PLSBF BLSBF SUS304 SLSBF A2011-T8 ALSBF	5	8-100			5.8
	6	15-100	3	4	6.9
	7	15-200	3	4	8.1
	8	20-250	3	4	9.2
	10	25-350	3	4	11.5
	12	25-500	3	4	13.9
	13	30-500	3	4	15.0
	14	30-500	3	4	16.2
	17	40-600	4	5	19.6
	19	50-600	4	5	21.9
	24	60-700	5	6	27.7
	27	60-800	5	6	31.2
	30	75-1000	5	6	34.6
	32	75-1000	5	6	36.9

When L ≤ Mx4, the tapped hole goes through.  
 When L ≤ (Mx2+5)+(Nx2+5), the tapped pilot hole may go through.  
 \* B=5 is not available for A2011-T8 material.

L ≥ Mx2+Nx2 \* B=5 is not available for A2011-T8 material.

Ordering Example

Part Number	L	M	N
(L Dimension Selectable) LSBRK13	-	100	
(L Dimension Configurable) LSFB6	-	48	
(L Dim., Thread Dia. Configurable) LSFBF10	-	200	M4 - N6

L Dimension Tolerance

L8-300	±0.1
L300.5-600	±0.3
L600.5-800	±0.4

Alterations

Part Number	L	M	N	(LKC)
LSFB6	-	42		LKC
LSFBF10	-	199.8	MD4 - N6	LKC

Applicable to L Dimension Configurable Type and L Dimension, Thread Dia. Configurable Type.

Alterations	L Dimension Tolerance	Effective Tapped Length								
Code	LKC	MD ND								
Spec.	L Dimension tolerances are as follows: Ordering Code LKC By specifying LKC, L dim. can be configured in 0.1mm increment. <table border="1"> <thead> <tr> <th>L</th> <th>L Tolerance</th> </tr> </thead> <tbody> <tr> <td>8-300</td> <td>±0.05</td> </tr> <tr> <td>300.5-600</td> <td>±0.10</td> </tr> <tr> <td>600.5-1000</td> <td>±0.15</td> </tr> </tbody> </table>	L	L Tolerance	8-300	±0.05	300.5-600	±0.10	600.5-1000	±0.15	Changes the Effective Tapped Length to "M (N) x 3." Ordering Code MD6/ND6 (M is changed to MD, or N is changed to ND.)
L	L Tolerance									
8-300	±0.05									
300.5-600	±0.10									
600.5-1000	±0.15									

### L Dimension Selectable

Part Number Type	B	Unit Price			
		Min. L - 50	L60-100	L110-150	L200
Steel for General Structure	6	-	-	-	-
	7	-	-	-	-
	8	-	-	-	-
	10	-	-	-	-
	12	-	-	-	-
	13	-	-	-	-
	14	-	-	-	-
	19	-	-	-	-
Black Oxide LSBRK	14	-	-	-	-
	17	-	-	-	-

### L Dimension Configurable

Part Number Type	B	Unit Price					
		Min. L - 200	L200.5-400	L400.5-600	L600.5-800	L800.5-1000	
Steel for General Structure NLSFB	5	-	-	-	-	-	
	6	-	-	-	-	-	
	7	-	-	-	-	-	
	8	-	-	-	-	-	
	10	-	-	-	-	-	
	12	-	-	-	-	-	
	13	-	-	-	-	-	
	14	-	-	-	-	-	
	17	-	-	-	-	-	
	19	-	-	-	-	-	
	24	-	-	-	-	-	
	27	-	-	-	-	-	
	30	-	-	-	-	-	
	32	-	-	-	-	-	
	Steel for General Structure Black Oxide LSFB	5	-	-	-	-	-
		6	-	-	-	-	-
7		-	-	-	-	-	
8		-	-	-	-	-	
10		-	-	-	-	-	
12		-	-	-	-	-	
13		-	-	-	-	-	
14		-	-	-	-	-	
17		-	-	-	-	-	
19		-	-	-	-	-	
24		-	-	-	-	-	
27		-	-	-	-	-	
30		-	-	-	-	-	
32		-	-	-	-	-	

### L Dimension, Thread Dia. Configurable

Part Number Type	B	Unit Price					
		Min. L - 200	L200.5-400	L400.5-600	L600.5-800	L800.5-1000	
Steel for General Structure NLSBF	5	-	-	-	-	-	
	6	-	-	-	-	-	
	7	-	-	-	-	-	
	8	-	-	-	-	-	
	10	-	-	-	-	-	
	12	-	-	-	-	-	
	13	-	-	-	-	-	
	14	-	-	-	-	-	
	17	-	-	-	-	-	
	19	-	-	-	-	-	
	24	-	-	-	-	-	
	27	-	-	-	-	-	
	30	-	-	-	-	-	
	32	-	-	-	-	-	
	Steel for General Structure Black Oxide LSBF	5	-	-	-	-	-
		6	-	-	-	-	-
7		-	-	-	-	-	
8		-	-	-	-	-	
10		-	-	-	-	-	
12		-	-	-	-	-	
13		-	-	-	-	-	
14		-	-	-	-	-	
17		-	-	-	-	-	
19		-	-	-	-	-	
24		-	-	-	-	-	
27		-	-	-	-	-	
30		-	-	-	-	-	
32		-	-	-	-	-	

Part Number Type	B	Unit Price			
		Min. L - 50	L60-100	L110-150	L200
Steel for General Structure	6	-	-	-	-
	7	-	-	-	-
	8	-	-	-	-
	10	-	-	-	-
	12	-	-	-	-
	13	-	-	-	-
	14	-	-	-	-
	19	-	-	-	-
Electroless Nickel Plating PLSBRK	14	-	-	-	-
	17	-	-	-	-

Part Number Type	B	Unit Price					
		Min. L - 200	L200.5-400	L400.5-600	L600.5-800	L800.5-1000	
Steel for General Structure Electroless Nickel Plating PLSFB	5	-	-	-	-	-	
	6	-	-	-	-	-	
	7	-	-	-	-	-	
	8	-	-	-	-	-	
	10	-	-	-	-	-	
	12	-	-	-	-	-	
	13	-	-	-	-	-	
	14	-	-	-	-	-	
	17	-	-	-	-	-	
	19	-	-	-	-	-	
	24	-	-	-	-	-	
	27	-	-	-	-	-	
	30	-	-	-	-	-	
	32	-	-	-	-	-	
	Steel for General Structure Trivalent Chromate BLSFB	5	-	-	-	-	-
		6	-	-	-	-	-
7		-	-	-	-	-	
8		-	-	-	-	-	
10		-	-	-	-	-	
12		-	-	-	-	-	
13		-	-	-	-	-	
14		-	-	-	-	-	
17		-	-	-	-	-	
19		-	-	-	-	-	
24		-	-	-	-	-	
27		-	-	-	-	-	
30		-	-	-	-	-	
32		-	-	-	-	-	

Part Number Type	B	Unit Price					
		Min. L - 200	L200.5-400	L400.5-600	L600.5-800	L800.5-1000	
Steel for General Structure Electroless Nickel Plating PLSBF	5	-	-	-	-	-	
	6	-	-	-	-	-	
	7	-	-	-	-	-	
	8	-	-	-	-	-	
	10	-	-	-	-	-	
	12	-	-	-	-	-	
	13	-	-	-	-	-	
	14	-	-	-	-	-	
	17	-	-	-	-	-	
	19	-	-	-	-	-	
	24	-	-	-	-	-	
	27	-	-	-	-	-	
	30	-	-	-	-	-	
	32	-	-	-	-	-	
	Steel for General Structure Trivalent Chromate BLSBF	5	-	-	-	-	-
		6	-	-	-	-	-
7		-	-	-	-	-	
8		-	-	-	-	-	
10		-	-	-	-	-	
12		-	-	-	-	-	
13		-	-	-	-	-	
14		-	-	-	-	-	
17		-	-	-	-	-	
19		-	-	-	-	-	
24		-	-	-	-	-	
27		-	-	-	-	-	
30		-	-	-	-	-	
32		-	-	-	-	-	

Part Number Type	B	Unit Price			
		Min. L - 50	L60-100	L110-150	L200