

Hexagonal Posts

One End Threaded, One End Tapped

Hexagonal Posts – One End Threaded, One End Tapped

RoHS10

Type			Material	Surface Treatment
L Dimension Selectable	L Dimension Configurable	L Dimension, Thread Diameter Configurable		
—	NLSBWF	NLSBG	1018 Carbon Steel or Equivalent	—
LSBWRK	LSBWF	LSBG		Black Oxide
PLSBWRK	PLSBWF	PLSBG		Electroless Nickel Plating
—	BLSBWF	BLSBG		Trivalent Chromate (Black)
SLSBWRK	SLSBWF	SLSBG	304 Stainless Steel	—

ⓘ For L dimension selectable products, steel for general structure is used.

L Dimension Selectable
L Dimension Configurable

L Dimension / Thread Diameter Configurable

ⓘ 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		L																				M	(C)			
Type	B	(Dimension Selection)																				(Coarse)				
1018 Carbon Steel or Equivalent LSBWRK PLSBWRK	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
304 Stainless Steel SLSBWRK	13			30	35	40	45	50	60	70	80	90	100	110	110	120	130	140	150	200					8	15.0
	14				35	40	45	50	60	70	80	90	100	110	110	120	130	140	150	200					8	16.2
	17					40	45	50	60	70	80	90	100	110	110	120	130	140	150	200					10	19.6
	19						45	50	60	70	80	90	100	110	110	120	130	140	150	200					10	19.6
								50	60	70	80	90	100	110	110	120	130	140	150	200					12	21.9

L Dimension Configurable

Part Number	B	L	M	(C)
Type		0.5 mm Increment	(Coarse)	
1018 Carbon Steel or Equivalent NLSBWF LSBWF PLSBWF BLSBWF	5	8-100	2.6	5.8
	6	15-100	3	6.9
	7	20-200	4	8.1
	8	20-250	5	9.2
	10	25-350	6	11.5
	12	25-500	6	13.9
	13	30-500	8	15.0
	14	30-600	8	16.2
304 Carbon Steel SLSBWF	17	35-600	10	19.6
	19	45-600	12	21.9
	24	55-800	16	27.7
	27	65-800	20	31.2
	30	65-1000	20	34.6
	32	80-1000	24	36.9

L Dimension, Thread Diameter Configurable

Part Number	B	L	M (Coarse) / N (Coarse) Selection	(C)
Type		0.5 mm Increment		
1018 Carbon Steel or Equivalent NLSBG LSBG PLSBG BLSBG	5	8-100	2 2.6	5.8
	6	15-100	3 4	6.9
	7	20-200	3 4	8.1
	8	20-250	3 4 5	9.2
	10	25-350	4 5 6	11.5
	12	25-500	4 5 6 8	13.9
	13	30-500	4 5 6 8	15.0
	14	30-600	4 5 6 8 10	16.2
	17	35-600	5 6 8 10	19.6
	19	45-600	5 6 8 10 12	21.9
	24	55-800	6 8 10 12 16	27.7
	27	65-800	6 8 10 12 16 20	31.2
304 Carbon Steel SLSBG	30	65-1000	6 8 10 12 16 20 24	34.6
	32	80-1000	6 8 10 12 16 20 24	36.9

Part Number Example

Part Number - L - M - N

(L Dimension Selectable) LSBWRK10 - 40

(L Dimension Configurable) LSB WF12 - 300

(L Dimension / Thread Diameter Configurable) LSBG30 - 700 - M20 - N24

L Dimension Tolerances

L8-300 ±0.1

L300.5-600 ±0.3

L600.5-800 ±0.4

However, when L≤200, and when order volume at one time is less than 10 pcs., since the processing is done simultaneously, the difference of L dimension is within ±0.02.

ⓘ Except L Dimension Selectable

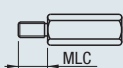
Part Number Alterations

Part Number - L - M - N - (LKC / MLC)

LSBWF6 - 30 - LKC

LSBG30 - 700 - M20 - N24 - LKC-MLC20

ⓘ Applicable to L Dimension Configurable Type and L Dimension, Thread Diameter Configurable Type.

Alterations	Code	Spec.								
L Dimension Tolerance 	LKC	L Dimension tolerances are as follows. Ordering Code: LKC <table><tr><th>L</th><th>L Tolerance</th></tr><tr><td>8-300</td><td>±0.05</td></tr><tr><td>300.5-600</td><td>±0.10</td></tr><tr><td>600.5-800</td><td>±0.15</td></tr></table>	L	L Tolerance	8-300	±0.05	300.5-600	±0.10	600.5-800	±0.15
L	L Tolerance									
8-300	±0.05									
300.5-600	±0.10									
600.5-800	±0.15									
Thread Length 	MLC	Changes the thread length. ⊗ Not applicable to B=5. MLC=0.1 mm Increment Ⓜ Mx1 ≤MLC<Mx1.5 Ordering Code: MLC10								

Alterations	Code	Spec.
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 10 orders for 1 itemized line. ⓧ Not available for L Dimension Selectable Type.
Thread Length	ND	Change the effective length of the tapped thread portion to N x 3. Ordering Code: MD6/ND6 (Change N to ND) ⓧ ND x 4 ≤ L ⓧ Applicable only for L Dimension, Thread Dia. Configurable type. ⓧ Not available for B=5

Hexagonal Posts

One End Threaded, One End Tapped / Both Ends Threaded / Thread Length & Diameter Configurable

Hexagonal Posts – One End Threaded, One End Tapped / Both Ends Threaded Thread Length & Diameter Configurable

RoHS10

Type			Material	Surface Treatment
One End Threaded, One End Tapped	Both Ends Threaded	Both Ends Threaded Thread Length and Diameter Configurable		
NLSBH	NLSBL	NLSBP	1018 Carbon Steel or Equivalent	—
LSBH	LSBL	LSBP		Black Oxide
PLSBH	PLSBL	PLSBP		Electroless Nickel Plating
SLSBH	SLSBL	SLSBP	304 Stainless Steel	—

One End Threaded, One End Tapped

Both Ends Threaded

Both Ends Threaded Thread Length & Diameter Configurable

L Tolerance

L8-300 ±0.1

L300.5-600±0.3

L600.5-800±0.4

Part Number			0.5 mm Increment				M			N			(C)	A			
Type		B	L	F	G												
One End Threaded, One End Tapped	Both Ends Threaded	Both Ends Threaded, Thread Length & Dia. Configurable	5	8-100	5-20	5-20	2	2.6	3		2	2.6	5.8	1.0			
			6	15-100	5-30	5-30	3	4	5		3	4	6.9	1.5			
			7	20-200	5-30	5-30	3	4	5		3	4	8.1	1.5			
			8	20-250	8-40	8-40	3	4	5	6		3	4	5	9.2	1.6	
			10	25-350	8-42	8-42	3	4	5	6	8		3	4	5	6	11.5
1018 Carbon Steel or Equivalent	1018 Carbon Steel or Equivalent	1018 Carbon Steel or Equivalent	12	25-500	10-55	10-55	4	5	6	8	10	4	5	6	8	13.9	2.5
			13	30-500	10-55	10-55	4	5	6	8	10	4	5	6	8	15.0	2.5
			14	35-600	12-60	12-60	5	6	8	10	12	5	6	8	10	16.2	3.0
			17	35-600	12-60	12-60	5	6	8	10	12	5	6	8	10	19.6	3.0
			19	45-600	15-75	15-75	6	8	10	12	16	6	8	10	12	21.9	3.5
NLSBH	NLSBL	NLSBP	24	55-700	20-80	20-80	8	10	12	16	20	8	10	12	16	27.7	4.0
LSBH	LSBL	LSBP	27	65-800	25-90	25-90	10	12	16	20	24	10	12	16	20	31.2	5.0
PLSBH	PLSBL	PLSBP	30	80-1000	30-100	30-100	12	16	20	24		12	16	20	24	34.6	6.0
304 Stainless Steel	304 Stainless Steel	304 Stainless Steel	32	80-1000	30-100	30-100	12	16	20	24		12	16	20	24	36.9	6.0
			SLSBH	SLSBL													

L≥Nx3+2 only for One End Threaded One End Tapped Type.													
Part Number			Available Types				Part Number			Available Types			
Type		B	Min. L-200	L200.5-400	L400.5-600	L600.5-800	Type	B	Min. L-200	L200.5-400	L400.5-600	L600.5-800	
Both Ends Threaded 1018 Carbon Steel or Equivalent NLSBL NLSBP 1018 Carbon Steel or Equivalent Black Oxide LSBL LSBP 1018 Carbon Steel or Equivalent Electroless Nickel Plating PLSBL PLSBP 304 Stainless Steel SLSBL SLSBP	Both Ends Threaded, Thread Length & Dia. Configurable 1018 Carbon Steel or Equivalent NLSBL NLSBP 1018 Carbon Steel or Equivalent Black Oxide LSBL LSBP 1018 Carbon Steel or Equivalent Electroless Nickel Plating PLSBL PLSBP 304 Stainless Steel SLSBL SLSBP	5	•	—	—	—	One End Threaded One End Tapped	5	•	—	—	—	
	6	•	—	—	—	•	6	•	—	—	—	—	
	7	—	—	—	—	•	1018 Carbon Steel or Equivalent NLSBH	7	•	—	—	—	
	8	•	—	—	—	•	1018 Carbon Steel or Equivalent Black Oxide LSBH	8	•	•	—	—	
	10	•	—	—	—	•	1018 Carbon Steel or Equivalent Electroless Nickel Plating PLSBH	10	•	•	—	—	
	12	•	—	—	—	•	1018 Carbon Steel or Equivalent Electroless Nickel Plating PLSBH	12	•	•	—	—	
	13	•	—	—	—	•	1018 Carbon Steel or Equivalent Electroless Nickel Plating PLSBH	13	•	•	—	—	
	14	•	•	—	—	•	1018 Carbon Steel or Equivalent Electroless Nickel Plating PLSBH	14	•	•	•	—	
17	•	•	—	—	•	304 Stainless Steel SLSBH	17	•	•	•	—		
19	•	•	—	—	•	304 Stainless Steel SLSBH	19	•	•	•	—		
24	•	•	—	—	•	304 Stainless Steel SLSBH	24	•	•	•	—		

Part Number Example

Part Number - L - F - G - M - N

LSBH10 - 200 - F40 - M5 - N4

PLSBP10 - 200 - F40 - G35 - M5 - N4

SLSBP30 - 750 - F35 - G45 - M20 - N24

Part Number Alterations

Part Number - L - F - G - M - N - (FC)

LSBH10 - 200 - F40 - M5 - N4 - FC

SLSBP30 - 750 - F35 - G40 - M20 - N24 - VC

Application Example

One End Threaded, One End Tapped

Both Ends Threaded

Alterations	Code	Spec.
Undercut	FC	Adds a relief to Dimension A. Ordering Code: FC
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 10 orders for 1 itemized line. ⓧ Not available for L Dimension Selectable Type.
Thread Length	ND	Change the effective length of the tapped thread portion to N x 3. Ordering Code: MD6/ND6 (Change N to ND) ⓧ ND x 4 ≤ L ⓧ Applicable only for L Dimension, Thread Dia. Configurable type. ⓧ Not available for B=5