



Hexagonal Posts with Pilot

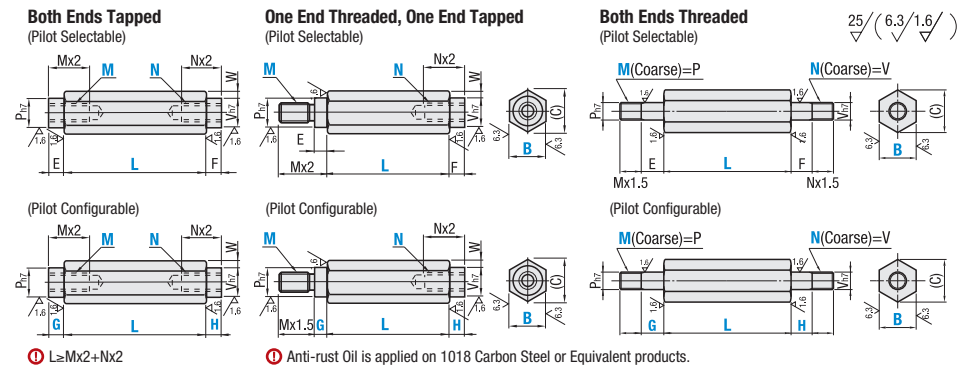
Pilot Selectable & Configurable

Hexagonal Posts with Pilot – Pilot Selectable & Configurable



RoHS10

Both Ends Tapped		One End Threaded, One End Tapped		Both Ends Threaded		Material	Surface Treatment
Pilot Selectable	Pilot Configurable	Pilot Selectable	Pilot Configurable	Pilot Selectable	Pilot Configurable		
NLSBJ	NLSBJF	NLSBK	NLSBKF	NLSBM	NLSBMF	1018 Carbon Steel or Equivalent	—
LSBJ	LSBJF	LSBK	LSBKF	LSBM	LSBMF		Black Oxide
PLSBJ	PLSBJF	PLSBK	PLSBKF	PLSBM	PLSBMF	304 Stainless Steel	Electroless Nickel Plating
SLSBJ	SLSBJF	SLSBK	SLSBKF	SLSBM	SLSBMF		—



Both Ends Tapped

Part Number Type	B	L		M (Coarse) / N (Coarse)		G	H	E	F	P	V	W	(C)
		0.5 mm Increment	1mm Increment	1mm Increment	1mm Increment								
Pilot Selectable 1018 Carbon Steel or Equivalent NLSBJ LSBJ PLSBJ	8	15-250	3 4	4 5	2-4	2-4	4	4	6	6	1	9.2	
	10	15-350	3 4 5	5 6	2-5	2-5	5	5	8	8	1	11.5	
	12	20-500	4 5 6 8	6 8	2-6	2-6	6	6	10	10	1	13.9	
	13	20-500	4 5 6 8	6 8	2-6	2-6	6	6	10	10	1.5	15	
	14	25-600	5 6 8 10	8 10	2-8	2-8	8	8	12	12	1	16.2	
	17	25-600	5 6 8 10	8 10	2-8	2-8	8	8	12	12	2	19.6	
	19	40-600	5 6 8 10 12 16	10 12 16	2-10	2-10	10	10	16	16	1.5	21.9	
	24	50-700	5 6 8 10 12 16 20	12 16 20	2-12	2-12	12	12	20	20	2	27.7	
	27	50-800	5 6 8 10 12 16 20	16 20	2-16	2-16	16	16	24	24	1.5	31.2	
	27W	50-800	5 6 8 10 12 16 20	16 20	2-16	2-16	16	16	20	20	3.5	31.2	
304 Stainless Steel SLSBJ	30	60-1000	5 6 8 10 12 16 20	20	2-16	2-16	16	16	28	28	1	34.6	
	30W	60-1000	5 6 8 10 12 16 20	20	2-16	2-16	16	16	24	24	3	34.6	
	32	60-1000	5 6 8 10 12 16 20	20	2-20	2-20	20	20	30	30	1	36.9	
	32W	60-1000	5 6 8 10 12 16 20	20	2-20	2-20	20	20	24	24	4	36.9	

One End Threaded, One End Tapped

Part Number Type	B	L		M (Coarse)		N (Coarse)		G	H	E	F	P	V	W	(C)
		0.5 mm Increment	1mm Increment	1mm Increment	1mm Increment										
Pilot Selectable 1018 Carbon Steel or Equivalent NLSBK LSBK PLSBK	8	15-250	3 4 5	5 6 8	3 4	3 4	2-4	2-4	2	4	6	6	1	9.2	
	10	15-350	3 4 5 6	6 8	3 4 5	3 4 5	2-5	2-5	2	5	8	8	1	11.5	
	12	20-500	4 5 6 8	8 10	4 5 6	4 5 6	2-6	2-6	3	6	10	10	1	13.9	
	13	20-500	4 5 6 8	8 10	4 5 6	4 5 6	2-6	2-6	3	6	10	10	1.5	15	
	14	25-600	5 6 8 10	10 12	5 6 8	5 6 8	2-8	2-8	4	8	12	12	1	16.2	
	17	25-600	5 6 8 10	10 12	5 6 8	5 6 8	2-8	2-8	4	8	12	12	2	19.6	
	19	40-600	5 6 8 10 12 16	12 16	5 6 8 10 12	5 6 8 10 12	2-10	2-10	5	10	16	16	1.5	21.9	
	24	50-700	5 6 8 10 12 16 20	16 20	5 6 8 10 12 16	5 6 8 10 12 16	2-12	2-12	6	12	20	20	2	27.7	
	27	50-800	5 6 8 10 12 16 20	20	5 6 8 10 12 16 20	5 6 8 10 12 16	2-16	2-16	7	16	24	24	1.5	31.2	
	27W	50-800	5 6 8 10 12 16 20	20	5 6 8 10 12 16 20	5 6 8 10 12 16	2-16	2-16	7	16	20	20	3.5	31.2	
304 Stainless Steel SLSBK	30	60-1000	5 6 8 10 12 16 20	20	2-16	2-16	16	16	28	28	1	34.6			
	30W	60-1000	5 6 8 10 12 16 20	20	2-16	2-16	16	16	24	24	3	34.6			
	32	60-1000	5 6 8 10 12 16 20	20	2-20	2-20	20	20	30	30	1	36.9			
	32W	60-1000	5 6 8 10 12 16 20	20	2-20	2-20	20	20	24	24	4	36.9			

Both Ends Threaded

Part Number Type	B	L		M (Coarse) / N (Coarse)		G	H	E	F	(C)
		0.5 mm Increment	1mm Increment	1mm Increment	1mm Increment					
Pilot Selectable 1018 Carbon Steel or Equivalent NLSBM LSBM PLSBM	8	20-250	3 4 5 6	6 8 10	2-4	2-4	4	4	4	9.2
	10	20-350	3 4 5 6 8	8 10	2-5	2-5	5	5	5	11.5
	12	25-500	4 5 6 8 10	10	2-6	2-6	6	6	6	13.9
	13	25-500	4 5 6 8 10	10	2-6	2-6	6	6	6	15
	14	30-600	5 6 8 10 12	12	2-8	2-8	8	8	8	16.2
	17	30-600	5 6 8 10 12	12	2-8	2-8	8	8	8	19.6
	19	45-600	5 6 8 10 12 16	16	2-10	2-10	10	10	10	21.9
	24	55-700	5 6 8 10 12 16 20	20	2-12	2-12	12	12	12	27.7
	27	55-800	5 6 8 10 12 16 20 24	24	2-16	2-16	16	16	16	31.2
	27W	55-800	5 6 8 10 12 16 20 24	24	2-16	2-16	16	16	16	31.2
304 Stainless Steel SLSBM	30	65-1000	5 6 8 10 12 16 20 24	24	2-16	2-16	16	16	16	34.6
	30	65-1000	5 6 8 10 12 16 20 24	24	2-16	2-16	16	16	16	34.6
	32	65-1000	5 6 8 10 12 16 20 24	24	2-20	2-20	20	20	20	36.9
	32	65-1000	5 6 8 10 12 16 20 24	24	2-20	2-20	20	20	20	36.9

L Dimension Tolerances generally are
 L15-300 ±0.1
 L300.5-600 ±0.3
 L600.5-1000 ±0.4

Hexagonal Posts with Pilot

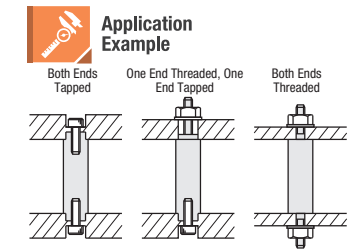
Pilot Selectable & Configurable, *continued*

Part Number Example

Part Number	L	M	N	G	H
LSBJ10	350	M5	N4		
PLSBJ27W	600	M8	N8		
LSBMF10	300	M5	N5	G3	H2

Part Number Alterations

Part Number	L	F	N	G	H	(LKC, NPC, NVC, etc.)
LSBMF10	300	M5	N5	G2	H3	MLC5 - NLCS
SLSBJF10	117.5	M5	N5	G2	H4	NPC



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. <table border="1"> <tr> <th>L</th> <th>L Tolerance</th> </tr> <tr> <td>15-300</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> </table>	L	L Tolerance	15-300	±0.05	300.5-600	±0.10	600.5-1000	±0.15
L	L Tolerance									
15-300	±0.05									
300.5-600	±0.10									
600.5-1000	±0.15									
No machining for P pilot at M thread end.	NPC	Ordering Code: NPC Not applicable to Both Ends Threaded Specify G2 for Pilot Configurable Dimension. Note that the actual G dimension becomes 0, and the specified dimension is applied to L Dimension.								
No machining for V pilot at N thread end.	NVC	Ordering Code: NVC Not applicable to Both Ends Threaded Indicate the Pilot Configurable Type with H2. Note that the actual H dimension becomes 0, and the specified dimension is applied to L Dimension.								
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.								
Pilot length can be specified.	GLC HLC	0.5 increments Ordering Code: GLC15 / HLC15 2.5 ≤ GLC < Gmax × 2.5 2.5 ≤ HLC < Hmax × 2.5 Not available for Pilot Selectable Types.								

Alterations	Code	Spec.																								
Thread Length	MLC NLC	Changes the thread length of M and N threads. 0.1 mm Increment for MLC / NLC Ordering Code: MLC10 Mx1 ≤ MLC < Mx1.5 Nx1 ≤ NLC < Nx1.5 Applicable to Both Ends Threaded Type.																								
Pilot diameter can be specified.	PKH VKH	1mm Increment Ordering Code: PKH8 VKH10 <table border="1"> <tr> <th>B</th> <th>PKH / VKH</th> <th>B</th> <th>PKH / VKH</th> </tr> <tr> <td>10</td> <td>7</td> <td>19</td> <td>15</td> </tr> <tr> <td>12</td> <td>8 9</td> <td>24</td> <td>19</td> </tr> <tr> <td>13</td> <td>8 9</td> <td>27 27W</td> <td>19-23</td> </tr> <tr> <td>14</td> <td>11</td> <td>30 30W</td> <td>24-27</td> </tr> <tr> <td>17</td> <td>11</td> <td>32 32W</td> <td>24-29</td> </tr> </table>	B	PKH / VKH	B	PKH / VKH	10	7	19	15	12	8 9	24	19	13	8 9	27 27W	19-23	14	11	30 30W	24-27	17	11	32 32W	24-29
B	PKH / VKH	B	PKH / VKH																							
10	7	19	15																							
12	8 9	24	19																							
13	8 9	27 27W	19-23																							
14	11	30 30W	24-27																							
17	11	32 32W	24-29																							
Effective Length of Tapped Thread	MD ND	Change the effective length of the tapped thread portion to M (or N) × 3. Ordering Code: MD6 / ND6 (Change M to MD, and N to ND) MDx3 + NDx3 ≤ L + E (or G) + F (or H) Available only for Both Ends Threaded and One End Threaded-One End Tapped Types. One End Tapped: NDx4 ≤ L + F (or H)																								