

Hexagonal Posts

One End Tapped / One End Threaded

Hexagonal Posts – One End Tapped

Hexagonal Posts – One End Threaded

Type		Material	Surface Treatment
One End Tapped	One End Threaded		
NLMN	NLON	1018 Carbon Steel or Equivalent	Black Oxide
LSMN	LSON		
PLMN	PLON		
SLMN	SLON	304 Stainless Steel	Electroless Nickel Plating

One End Tapped

One End Threaded, One End Tapped

Ⓜ Anti-rust Oil is applied on 1018 Carbon Steel or Equivalent products.

Part Number		L 0.5 mm Increment	Male Thread M (Coarse)				Female Thread M (Coarse)				(C)
Type	B		2	2.6	3	2	2.6	3	4		
One End Tapped	5	8-100	2	2.6	3	2	2.6	3	4	5.8	
	6	15-100	3	4	5	3	4	5	6	6.9	
One End Threaded	7	15-200	3	4	5	3	4	5	6	8.1	
	8	20-250	3	4	5	3	4	5	6	9.2	
1018 Carbon Steel or Equivalent NLMN LSMN PLMN	10	20-350	4	5	6	4	5	6	8	11.5	
	12	25-500	4	5	6	4	5	6	8	13.9	
	13	30-500	4	5	6	4	5	6	8	15.0	
	14	35-600	4	5	6	4	5	6	8	16.2	
	17	35-600	5	6	8	5	6	8	10	19.6	
	19	45-600	5	6	8	5	6	8	10	21.9	
	24	65-700	6	8	10	6	8	10	12	27.7	
	27	65-800	6	8	10	6	8	10	12	31.2	
	30	80-1000	6	8	10	6	8	10	12	34.6	
	32	80-1000	6	8	10	6	8	10	12	36.9	

Part Number		Available Types			
Type	B	Min. L-200	L200.5-400	L400.5-600	L600.5-800
One End Tapped	5	•	—	—	—
	6	•	—	—	—
1018 Carbon Steel or Equivalent NLMN	7	•	—	—	—
	8	•	•	—	—
1018 Carbon Steel or Equivalent Black Oxide LSMN	10	•	•	—	—
	12	•	•	—	—
1018 Carbon Steel or Equivalent Electroless Nickel Plating PLMN	13	•	•	—	—
	14	•	•	•	—
304 Stainless Steel SLMN	17	•	•	•	—
	19	•	•	•	—
	24	•	•	•	—

Part Number Example

Part Number - L - M

NLMN6 - 50 - M3

SLON10 - 300 - M5

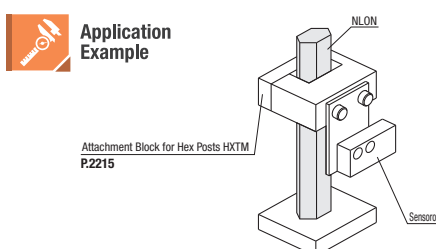
L Dimension Tolerances generally are

L 8-300 ±0.1

L300.5-600 ±0.3

L600.5-800 ±0.4

For single order, when L≤200, tolerance for L dimension will be ±0.02.



Part Number Alterations

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

NLMN6 - 50 - M3 - LKC

SLON10 - 300 - M5 - MLC5.5

Alterations	Code	Spec.								
L Dimension Tolerance	LKC	L Dimension tolerances are as follows. Ordering Code: LKC								
		<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>600.5-800</td> <td>±0.15</td> </tr> </tbody> </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 Ⓜ Applicable to One End Threaded only.								

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	MD	Change the effective length of the tapped thread portion to M x 3. Ordering Code: MD6 (Change M to MD) Ⓜ MD x 4 ≤ L Ⓜ Applicable only for one end tapped. ⓧ M2, M2.6 is not available.

Attachment Blocks for Hexagonal Posts

Attachment Blocks for Hexagonal Posts

Type		Material	Surface Treatment	Accessories
Top Side Tapped	Side Tapped			
HXSM	HXTM	1018 Carbon Steel or Equivalent	Electroless Nickel Plating	Hex Socket Head Cap Screws

Application Example

Ⓜ B Dimension corresponds with B dim. of Hex Posts.

Top Side Tapped

Side Tapped

Part Number		(P)	(P ₁)	B ₁	C	F	G	C ₁	T	S ₁	d	M (Coarse)	ℓ	S	M ₁ (Coarse)	(A)	Included Screws
Top Side Tapped HXSM	10	11	16	25	12	5	11	11.5	6	18	3.5	M3	6	12	M4	27	SCB3-12 2 pcs.
	12	13	18	32	16		12	13.9		22	4.5	M4	9			30	
Side Tapped HXTM	13						11.5	15.0		23					M5	30.5	SCB4-15 2 pcs.
	14	17	25				18	16.2		24						38	
	17	20	28	38	22			19.5	19.6	9	28	5.5	M5	11	16	M6	45.5
19							18.5	21.9		29						46.5	

Part Number Example

Part Number HXSM14