



# Hexagonal Posts

## One End Threaded, One End Tapped

Hexagonal Posts –  
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One End Tapped

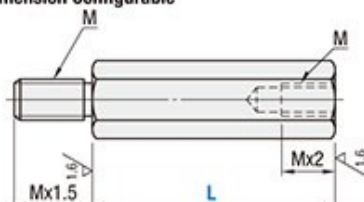


RoHS 10

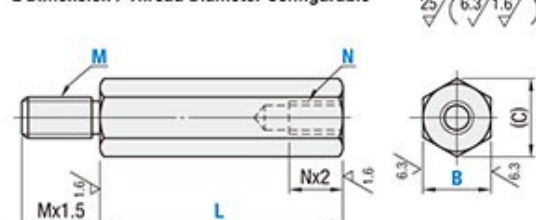
| Type                   |                          |                                           | Material                        | Surface Treatment          |
|------------------------|--------------------------|-------------------------------------------|---------------------------------|----------------------------|
| 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                                     | 304 Stainless Steel             | Trivalent Chromate (Black) |
| SLSBWRK                | SLSBWF                   | SLSBG                                     |                                 | —                          |

① For L dimension selectable products, steel for general structure is used.

L Dimension Selectable  
L Dimension Configurable



L Dimension / Thread Diameter Configurable



① Anti-rust Oil is applied on 1018 Carbon Steel or Equivalent products.

② 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<br>or Equivalent<br>LSBWRK<br>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<br>SLSBWRK                          | 13 |                       |    |    | 30 | 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                                                            |    | L                | M        | (C)  |
|------------------------------------------------------------------------|----|------------------|----------|------|
| Type                                                                   | B  | 0.5 mm Increment | (Coarse) | (C)  |
| 1018 Carbon Steel or Equivalent<br>NLSBWF<br>LSBWF<br>PLSBWF<br>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 |
|                                                                        | 17 | 35-600           | 10       | 19.6 |
|                                                                        | 19 | 45-600           | 12       | 21.9 |
| 304 Carbon Steel<br>SLSBWF                                             | 24 | 55-700           | 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                                                        | L  | M (Coarse) Selection | N (Coarse) Selection | (C)  |
|--------------------------------------------------------------------|----|----------------------|----------------------|------|
| Type                                                               | B  | 0.5 mm Increment     |                      |      |
| 1018 Carbon Steel or Equivalent<br>NLSBG<br>LSBG<br>PLSBG<br>BLSBG | 5  | 8-100                | 2 2.6 3              | 5.8  |
|                                                                    | 6  | 15-100               | 3 4 5                | 6.9  |
|                                                                    | 7  | 20-200               | 3 4 5                | 8.1  |
|                                                                    | 8  | 20-250               | 3 4 5 6              | 9.2  |
|                                                                    | 10 | 25-350               | 3 4 5 6 8            | 11.5 |
|                                                                    | 12 | 25-500               | 3 4 5 6 8 10         | 13.9 |
|                                                                    | 13 | 30-500               | 3 4 5 6 8 10         | 15.0 |
|                                                                    | 14 | 30-600               | 3 4 5 6 8 10 12      | 16.2 |
|                                                                    | 17 | 35-600               | 4 5 6 8 10 12        | 19.6 |
|                                                                    | 19 | 45-600               | 4 5 6 8 10 12 16     | 21.9 |
| 304 Carbon Steel<br>SLSBG                                          | 24 | 55-700               | 5 6 8 10 12 16 20    | 27.7 |
|                                                                    | 27 | 65-800               | 5 6 8 10 12 16 20 24 | 31.2 |
|                                                                    | 30 | 65-1000              | 5 6 8 10 12 16 20 24 | 34.6 |
|                                                                    | 32 | 80-1000              | 5 6 8 10 12 16 20 24 | 36.9 |

① L<sub>2</sub>Nx3+2



Part Number  
Example

Part Number - L - M - N  
(L Dimension Selectable) LSBWRK10 - 40  
(L Dimension Configurable) LSBWF12 - 30  
(L Dimension / Thread Diameter Configurable) LSBG30 - 700 - M20 - N24

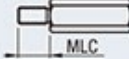
L Dimension Tolerances  
L8-300 ±0.1  
L300.5-600 ±0.3  
L600.5-1000 ±0.4



Part Number  
Alterations

Part Number - L - M - N - (LKC / MLC)  
LSBWF6 - 30 - LKC  
LSBG30 - 700 - M20 - N24 - LKC-MLC20

① Applicable to L Dimension Configurable Type and L Dimension, Thread Diameter Configurable Type.

| Alterations                                                                                                  | Code        | Spec.                                                                                                                                                                                                                                                                                                                                                                 |   |             |       |       |           |       |            |       |
|--------------------------------------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-------------|-------|-------|-----------|-------|------------|-------|
| L Dimension Tolerance<br> | LKC         | L Dimension tolerances are as follows.<br><b>Ordering Code: LKC</b><br>With LKC, Length L can be specified in 0.1 mm increment.<br><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>600.5-1000</td><td>±0.15</td></tr></table><br>ⓧ Not available for L Dimension Selectable Type. | L | L Tolerance | 8-300 | ±0.05 | 300.5-600 | ±0.10 | 600.5-1000 | ±0.15 |
| L                                                                                                            | L Tolerance |                                                                                                                                                                                                                                                                                                                                                                       |   |             |       |       |           |       |            |       |
| 8-300                                                                                                        | ±0.05       |                                                                                                                                                                                                                                                                                                                                                                       |   |             |       |       |           |       |            |       |
| 300.5-600                                                                                                    | ±0.10       |                                                                                                                                                                                                                                                                                                                                                                       |   |             |       |       |           |       |            |       |
| 600.5-1000                                                                                                   | ±0.15       |                                                                                                                                                                                                                                                                                                                                                                       |   |             |       |       |           |       |            |       |
| Thread Length<br>         | MLC         | Changes the thread length.<br>ⓧ Not applicable to B=5.<br>MLC=0.1 mm Increment<br>① Mx1 ≤ MLC < Mx1.5<br><b>Ordering Code: MLC10</b><br>ⓧ Not available for L Dimension Selectable Type.                                                                                                                                                                              |   |             |       |       |           |       |            |       |

| Alterations                         | Code | Spec.                                                                                                                                                                                                                                                                             |
|-------------------------------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Full Length (L Dimension) Precision | LVC  | When ordering multiple, each L dimension variation will be within ±0.02mm<br>Ordering Code: LVC<br>① Applicable only for L≤200 and less than 20 orders for 1 itemized line.<br>ⓧ Not available for L Dimension Selectable Type.                                                   |
| Thread Length                       | ND   | Change the effective length of the tapped thread portion to N x 3.<br>Ordering Code: MD6/ND6 (Change N to ND)<br>① NDx4+2 ≤ L<br>① Applicable only for L Dimension, Thread Dia. Configurable type.<br>ⓧ Not available for B=5<br>ⓧ Not available for L Dimension Selectable Type. |