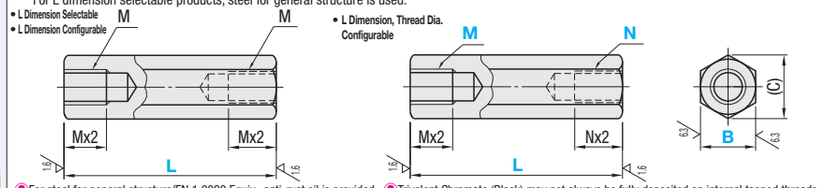
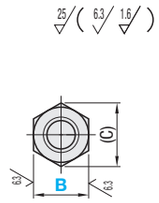
# Hex Posts
## Both Ends Tapped

| Type | | | Material | Surface Treatment |
|---|---|---|---|---|
| L Dimension Selectable | L Dimension Configurable | L Dimension, Thread Dia. Configurable | | |
| - | NLSFB | NLSBF | *EN 1.0038 Equiv. | - |
| LSBRK | LSFB | LSBF | | Black Oxide |
| PLSBRK | PLSFB | PLSBF | | Electroless Nickel Plating |
| - | BLSFB | BLSBF | | Trivalent Chromate (Black) |
| SLSBRK | SLSBFA | SLSBF | EN 1.4301 Equiv. | - |
| - | ALSFB | ALSBF | EN AW-2011 Equiv. | Clear Anodize |

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







Part Number ☐ is not RoHS compliant. RoHS10

For steel for general structure/EN 1.0038 Equiv., anti-rust oil is provided. 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) |
|---|---|---|---|---|
| General Structural Steel LSBRK PLSBRK / EN 1.4301 Equiv. 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) |
|---|---|---|---|---|
| EN 1.0038 Equiv. NLSFB LSFB PLSFB BLSFB / EN 1.4301 Equiv. SLSBFA / EN AW-2011 Equiv. ALSFB | *5 | 8~50 | 2.6 | 5.8 |
| | 6 | 8~50 | 3 | 6.9 |
| | 7 | 10~150 | 4 | 8.1 |
| | 8 | 15~250 | 5 | 9.2 |
| | 10 | 25~350 | 6 | 11.5 |
| | 12 | 25~400 | 6 | 13.9 |
| | 13 | 30~400 | 8 | 15.0 |
| | 14 | 25~500 | 8 | 16.2 |
| | 17 | 40~500 | 10 | 19.6 |
| | 19 | 50~500 | 12 | 21.9 |
| | 24 | 50~600 | 16 | 27.7 |
| | 27 | 60~700 | 20 | 31.2 |
| | 30 | 60~800 | 20 | 34.6 |
| | 32 | 75~800 | 24 | 36.9 |

### ■L Dimension, Thread Dia. Configurable

| Part Number Type | B | L 0.5mm Increment | M (Coarse) / N (Coarse) Selection | (C) |
|---|---|---|---|---|
| EN 1.0038 Equiv. NLSBF LSBF PLSBF BLSBF / EN 1.4301 Equiv. SLSBF / EN AW-2011 Equiv. ALSBF | *5 | 8~50 | 2 2.6 | 5.8 |
| | 6 | 15~50 | 3 4 | 6.9 |
| | 7 | 15~150 | 3 4 5 | 8.1 |
| | 8 | 20~250 | 3 4 5 6 | 9.2 |
| | 10 | 25~350 | 4 5 6 8 | 11.5 |
| | 12 | 25~400 | 4 5 6 8 | 13.9 |
| | 13 | 30~400 | 4 5 6 8 10 | 15.0 |
| | 14 | 30~500 | 4 5 6 8 10 | 16.2 |
| | 17 | 40~500 | 5 6 8 10 12 | 19.6 |
| | 19 | 50~500 | 5 6 8 10 12 16 | 21.9 |
| | 24 | 60~600 | 6 8 10 12 16 20 | 27.7 |
| | 27 | 60~700 | 6 8 10 12 16 20 | 31.2 |
| | 30 | 75~800 | 6 8 10 12 16 20 24 | 34.6 |
| | 32 | 75~800 | 6 8 10 12 16 20 24 | 36.9 |

When L≤Mx4, tapped hole goes through.
When L≤(Mx2+5)+(Nx2+5), the pilot hole may go through.
* B=5 is not available for EN AW-2011 Equiv. material.
L≥Mx2+Nx2
* B=5 is not available for EN AW-2011 Equiv. material.

| L Dimension Tolerance | |
|---|---|
| L 8 ~ 300 | ±0.1 |
| L 300.5 ~ 600 | ±0.3 |
| L 600.5 ~ 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

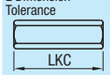
**Ordering Example**

| Part Number | - | L | - | M | - | N |
|---|---|---|---|---|---|---|
| (L Dimension Selectable) LSBRK13 | - | 100 | | | | |
| (L Dimension Configurable) LSFB6 | - | 48 | | | | |
| (L Dimension & Thread Dia. Configurable) LSBF10 | - | 200 | - | M4 | - | N6 |

**Alterations**

| Part Number | - | L | - | M | - | N | - | (LKC) |
|---|---|---|---|---|---|---|---|---|
| LSFB6 | - | 42 | | | | | - | LKC |
| LSBF10 | - | 200 | - | M4 | - | N6 | - | LKC |

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

| Alterations | Code | Spec. |
|---|---|---|
| L Dimension Tolerance   | LKC | L Dimension tolerances are as follows: Ordering Code LKC |

| L | L Tolerance |
|---|---|
| 8~300 | ±0.05 |
| 300.5~600 | ±0.10 |
| 600.5~800 | ±0.15 |

### ■L Dimension Selectable

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

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

| Part Number Type | B | Min. L ~ 50 | L60~100 | L110~150 | L200 |
|---|---|---|---|---|---|
| EN 1.4301 Equiv. SLSBRK | 6 | | - | - | - |
| | 7 | | | | - |
| | 8 | | | | |
| | 10 | | | | |
| | 12 | | | | |
| | 13 | | | | |
| | 14 | | | | |
| | 17 | | | | |
| | 19 | | | | |

### ■L Dimension Configurable

| Part Number Type | B | Min. L ~ 200 | L200.5~400 | L400.5~600 | L600.5~800 |
|---|---|---|---|---|---|
| EN 1.0038 Equiv. NLSFB | 5 | | - | - | - |
| | 6 | | - | - | - |
| | 7 | | - | - | - |
| | 8 | | | - | - |
| | 10 | | | - | - |
| | 12 | | | - | - |
| | 13 | | | - | - |
| | 14 | | | | - |
| | 17 | | | | - |
| | 19 | | | | - |
| | 24 | | | | - |
| | 27 | | | | |
| | 30 | | | | |
| | 32 | | | | |
| EN 1.0038 Equiv. Black Oxide LSFB | 5 | | - | - | - |
| | 6 | | - | - | - |
| | 7 | | - | - | - |
| | 8 | | | - | - |
| | 10 | | | - | - |
| | 12 | | | - | - |
| | 13 | | | - | - |
| | 14 | | | | - |
| | 17 | | | | - |
| | 19 | | | | - |
| | 24 | | | | - |
| | 27 | | | | |
| | 30 | | | | |
| | 32 | | | | |

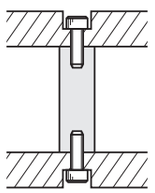
| Part Number Type | B | Min. L ~ 200 | L200.5~400 | L400.5~600 | L600.5~800 |
|---|---|---|---|---|---|
| EN 1.0038 Equiv. Electroless Nickel Plating PLSFB | 5 | | - | - | - |
| | 6 | | - | - | - |
| | 7 | | - | - | - |
| | 8 | | | - | - |
| | 10 | | | - | - |
| | 12 | | | - | - |
| | 13 | | | - | - |
| | 14 | | | | - |
| | 17 | | | | - |
| | 19 | | | | - |
| | 24 | | | | - |
| | 27 | | | | |
| | 30 | | | | |
| | 32 | | | | |
| EN 1.0038 Equiv. Trivalent Chromate BLSFB | 5 | | - | - | - |
| | 6 | | - | - | - |
| | 7 | | - | - | - |
| | 8 | | | - | - |
| | 10 | | | - | - |
| | 12 | | | - | - |
| | 13 | | | - | - |
| | 14 | | | | - |
| | 17 | | | | - |
| | 19 | | | | - |
| | 24 | | | | - |
| | 27 | | | | |
| | 30 | | | | |
| | 32 | | | | |

| Part Number Type | B | Min. L ~ 200 | L200.5~400 | L400.5~600 | L600.5~800 |
|---|---|---|---|---|---|
| EN 1.4301 Equiv. SLSFA | 5 | | - | - | - |
| | 6 | | - | - | - |
| | 7 | | - | - | - |
| | 8 | | | - | - |
| | 10 | | | - | - |
| | 12 | | | - | - |
| | 13 | | | - | - |
| | 14 | | | | - |
| | 17 | | | | - |
| | 19 | | | | - |
| | 24 | | | | - |
| | 27 | | | | |
| | 30 | | | | |
| | 32 | | | | |
| EN AW-2011 Equiv. Clear Anodize ALSFB | 6 | | - | - | - |
| | 7 | | - | - | - |
| | 8 | | | - | - |
| | 10 | | | - | - |
| | 12 | | | - | - |
| | 13 | | | - | - |
| | 14 | | | | - |
| | 17 | | | | - |
| | 19 | | | | - |
| | 24 | | | | - |
| | 27 | | | | |
| | 30 | | | | |
| | 32 | | | | |

### ■L Dimension, Thread Dia. Configurable

| Part Number Type | B | Min. L ~ 200 | L200.5~400 | L400.5~600 | L600.5~800 |
|---|---|---|---|---|---|
| EN 1.0038 Equiv. NLSBF | 5 | | - | - | - |
| | 6 | | - | - | - |
| | 7 | | - | - | - |
| | 8 | | | - | - |
| | 10 | | | - | - |
| | 12 | | | - | - |
| | 13 | | | - | - |
| | 14 | | | | - |
| | 17 | | | | - |
| | 19 | | | | - |
| | 24 | | | | - |
| | 27 | | | | |
| | 30 | | | | |
| | 32 | | | | |
| EN 1.0038 Equiv. Black Oxide LSBF | 5 | | - | - | - |
| | 6 | | - | - | - |
| | 7 | | - | - | - |
| | 8 | | | - | - |
| | 10 | | | - | - |
| | 12 | | | - | - |
| | 13 | | | - | - |
| | 14 | | | | - |
| | 17 | | | | - |
| | 19 | | | | - |
| | 24 | | | | - |
| | 27 | | | | |
| | 30 | | | | |
| | 32 | | | | |

| Part Number Type | B | Min. L ~ 200 | L200.5~400 | L400.5~600 | L600.5~800 |
|---|---|---|---|---|---|
| EN 1.0038 Equiv. Electroless Nickel Plating PLSBF | 5 | | - | - | - |
| | 6 | | - | - | - |
| | 7 | | - | - | - |
| | 8 | | | - | - |
| | 10 | | | - | - |
| | 12 | | | - | - |
| | 13 | | | - | - |
| | 14 | | | | - |
| | 17 | | | | - |
| | 19 | | | | - |
| | 24 | | | | - |
| | 27 | | | | |
| | 30 | | | | |
| | 32 | | | | |
| EN 1.0038 Equiv. Trivalent Chromate BLSBF | 5 | | - | - | - |
| | 6 | | - | - | - |
| | 7 | | - | - | - |
| | 8 | | | - | - |
| | 10 | | | - | - |
| | 12 | | | - | - |
| | 13 | | | - | - |
| | 14 | | | | - |
| | 17 | | | | - |
| | 19 | | | | - |
| | 24 | | | | - |
| | 27 | | | | |
| | 30 | | | | |
| | 32 | | | | |

| Part Number Type | B | Min. L ~ 200 | L200.5~400 | L400.5~600 | L600.5~800 |
|---|---|---|---|---|---|
| EN 1.4301 Equiv. SLSBF | 5 | | - | - | - |
| | 6 | | - | - | - |
| | 7 | | - | - | - |
| | 8 | | | - | - |
| | 10 | | | - | - |
| | 12 | | | - | - |
| | 13 | | | - | - |
| | 14 | | | | - |
| | 17 | | | | - |
| | 19 | | | | - |
| | 24 | | | | - |
| | 27 | | | | |
| | 30 | | | | |
| | 32 | | | | |
| EN AW-2011 Equiv. Clear Anodize ALSBF | 6 | | - | - | - |
| | 7 | | - | - | - |
| | 8 | | | - | - |
| | 10 | | | - | - |
| | 12 | | | - | - |
| | 13 | | | - | - |
| | 14 | | | | - |
| | 17 | | | | - |
| | 19 | | | | - |
| | 24 | | | | - |
| | 27 | | | | |
| | 30 | | | | |
| | 32 | | | | |

**Example**