

Locating Pins - Small Flat Head

Tapped

■ **Features:** Small Flat Head with the shape designed to be mounted from back using bolts. Improved maintainability compared to the press fit type.

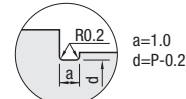
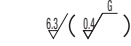
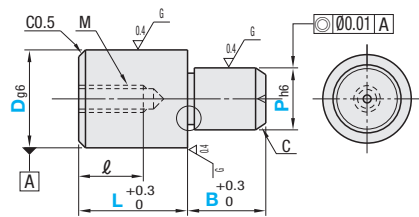


(Alteration CN)



| Material No. | Material | Surface Treatment | Hardness | Type | | |
|--------------|---------------------------|---------------------|---|--------------|----------------|----------------------|
| | | | | P Selectable | P Configurable | P, L, B Configurable |
| ① | SKS3 Equivalent | - | Treated Hardness: 60 ~ 63HRC | JPDSTB | JPDSTC | FPDSTC |
| ② | SKS3 Equivalent | Hard Chrome Plating | Treated Hardness: 50 ~ 55HRC Plating Hardness: 750HV ~ | - | - | GFPDSTC |
| ④ | SUS304* | - | - | SJPDSTB | - | SFPDSTC |
| ⑥ | SUS440C or 13Cr stainless | - | Treated Hardness: 50 ~ 55HRC | - | CJPDSTC | CFPDSTC |

* For P Selectable Type, it is SUS304 equivalent.



Ⓜ SUS440C or 13Cr stainless has an identification groove at any position on D part.
Ⓜ Polished, centering hole is sometimes not available for SUS304.

Ⓜ Relief dimension is a reference value.

■ P Dim. Tolerance Table

| P | h6 |
|-------------|-------------|
| 4.00-6.00 | 0 -0.008 |
| 6.01-10.00 | 0 -0.009 |
| 10.01-18.00 | 0 -0.011 |
| 18.01-20.00 | 0 -0.013 |

■ P Selectable

| Type | Part Number | D | D dim. Tolerance g6 | P Selection | L | B | M (Coarse) | * Tightening Torque N·cm | ℓ | C |
|-------------------|-------------|----|---------------------|-------------|----|----|------------|--------------------------|----|-----|
| JPDSTB SJPDSTB | | 6 | -0.004 -0.012 | 4 | 10 | 3 | M3 | 98 | 5 | 0.5 |
| | | 8 | -0.005 -0.014 | 6 | 12 | 4 | M4 | 225 | 6 | 1 |
| | | 10 | -0.005 -0.014 | 8 | 16 | 5 | M5 | 461 | 8 | 1.5 |
| | | 12 | -0.006 -0.017 | 10 | 20 | 6 | | | | |
| | | 16 | -0.006 -0.017 | 10 14 | 24 | 10 | M8 | 1911 | 12 | 3 |

■ P Configurable

| Type | Part Number | D | D dim. Tolerance g6 | P 0.01mm Increment | L | B | M (Coarse) | * Tightening Torque N·cm | ℓ | C |
|-------------------|-------------|----|---------------------|--------------------|----|----|------------|--------------------------|----|-----|
| JPDSTC CJPDSTC | | 6 | -0.004 -0.012 | 4.00~6.00 | 10 | 3 | M3 | 98 | 5 | 0.5 |
| | | 6T | -0.004 -0.012 | | | | M2.6 | - | 4 | |
| | | 8 | -0.005 -0.014 | 6.00~8.00 | 12 | 4 | M4 | 225 | 6 | 1 |
| | | 10 | -0.005 -0.014 | 7.00~10.00 | 16 | 5 | M5 | 461 | 8 | 1.5 |
| | | 12 | -0.006 -0.017 | 7.00~12.00 | 20 | 6 | | | | |
| | | 13 | -0.006 -0.017 | 8.00~13.00 | 22 | 10 | M8 | 1911 | 12 | 2 |
| | | 16 | -0.007 -0.020 | 10.00~16.00 | 24 | 10 | | | | |
| | | 20 | -0.007 -0.020 | 13.00~20.00 | 32 | 20 | | | | |

■ P, L, B Configurable

| Type | Part Number | D | D dim. Tolerance g6 | P 0.01mm Increment | L 1mm Increment | B 0.1mm Increment | M (Coarse) | * Tightening Torque N·cm | ℓ | C |
|---|-------------|-----|---------------------|--------------------|-----------------|-------------------|------------|--------------------------|----|-----|
| FPDSTC GFPDSTC SFPDSTC CFPDSTC | | 6 | -0.004 -0.012 | 4.00~6.00 | 8~12 | 2.0~12.0 | M3 | 98 | 5 | 0.5 |
| | | 6T | -0.004 -0.012 | | | | M2.6 | - | 4 | |
| | | 8 | -0.005 -0.014 | 6.00~8.00 | 11~16 | 2.0~15.0 | M4 | 225 | 6 | 1 |
| | | 10 | -0.005 -0.014 | 7.00~10.00 | 11~20 | 3.0~20.0 | M5 | 461 | 8 | 1 |
| | | 10T | -0.005 -0.014 | | 8~16 | 3.0~20.0 | M4 | 225 | 6 | |
| | | 12 | -0.006 -0.017 | 7.00~12.00 | 12~24 | 3.0~20.0 | M5 | 461 | 8 | 1.5 |
| | | 12T | -0.006 -0.017 | | 8~18 | 3.0~20.0 | M4 | 225 | 6 | |
| | | 13 | -0.006 -0.017 | 8.00~13.00 | 13~26 | 5.0~20.0 | M8 | 1911 | 10 | 2 |
| | | 13T | -0.006 -0.017 | | 10~20 | 5.0~20.0 | M6 | 784 | 9 | 2 |
| | | 16 | -0.007 -0.020 | 10.00~16.00 | 16~32 | 5.0~20.0 | M8 | 1911 | 12 | 3 |
| | | 16T | -0.007 -0.020 | | 10~24 | 5.0~20.0 | M6 | 784 | 9 | |
| | | 20 | -0.007 -0.020 | 13.00~20.00 | 20~40 | 5.0~20.0 | M8 | 1911 | 12 | 3 |
| | | 20T | -0.007 -0.020 | | 12~30 | 5.0~20.0 | M6 | 784 | 9 | |

Ⓜ Pins of D dimension with T have one size smaller thread diameter and larger wall thickness. (Actual D dimension is the number without "T".)

Ⓜ Note the strength of under-head part. Ⓜ P.1566 Ⓜ Please confirm pilot hole depth on Ⓜ P.1566. Holes may go through.

* The tightening torque (ref. value) for hardened products is strength class 8.8. (See technical data on Ⓜ P.2297.) Not applicable when using locking materials or lock washers.



Ordering Example

| | | | | | | |
|-------------|---|-------|---|-----|---|------|
| Part Number | - | P | - | L | - | B |
| JPDSTC6 | - | 4.00 | - | L10 | - | B5.5 |
| FPDSTC6 | - | P4.00 | - | L10 | - | B5.5 |

■ P Selectable

| D | Unit Price | |
|----|-----------------------|-----------------|
| | ①SKS3 Hardened JPDSTB | ④SUS304 SJPDSTB |
| 6 | | |
| 8 | | |
| 10 | | |
| 12 | | |
| 16 | | |

■ P Configurable

| D | Unit Price | |
|----|-----------------------|------------------------------------|
| | ①SKS3 Hardened JPDSTC | ⑥SUS440C or 13Cr stainless CJPDSTC |
| 6 | | |
| 6T | | |
| 8 | | |
| 10 | | |
| 12 | | |
| 13 | | |
| 16 | | |
| 20 | | |

■ P, L, B Configurable

| D | Unit Price | | | |
|-----|-----------------------|--------------------|-----------------|------------------------------------|
| | ①SKS3 Hardened FPDSTC | ②Hard SKS3 GFPDSTC | ④SUS304 SFPDSTC | ⑥SUS440C or 13Cr stainless CFPDSTC |
| 6 | | | | |
| 6T | | | | |
| 8 | | | | |
| 10 | | | | |
| 10T | | | | |
| 12 | | | | |
| 12T | | | | |
| 13 | | | | |
| 13T | | | | |
| 16 | | | | |
| 16T | | | | |
| 20 | | | | |
| 20T | | | | |



Alterations

| | | | | | | | | |
|-------------|---|-------|---|-----|---|------|---|--------------------|
| Part Number | - | P | - | L | - | B | - | (RC, CN, RAC, LAC) |
| FPDSTC6 | - | P4.00 | - | L10 | - | B5.5 | - | RC |

Ⓜ Alterations are not available for P Selectable Type.

| Alterations | Sphere Tip | C Chamfered Size | Hex Socket Machining | Wrench Hole Machining | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------|---|--|--|-----------------------|-----------------------|---------------------|--|---|---|---|---|---|-------|------|---|---|--------|-------|--|--|--|--------|-------|--|--|--|--------|--------|--|-----|---|--------|--------|-------|---|---|--------|--------|--|---|---|---|---|-----------------------|------------------------|--|---|---|---|---|--|-----------|---|--------|------|-------------|-----|--------|--|--------|---|--------|------|--|--|--------|--|--|--|--------|-------|--|--|
| | Code | RC | CN | RAC | LAC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spec. | Changes the relief to R0.5. (Ordering Code) RC Ⓜ Applicable when D-P≥2. Ⓜ Combination with LAC is not available. | Changes C Chamfering at P dimension part to 0.5 or less. (Ordering Code) CN Ⓜ Not applicable to D dimension part. Ⓜ Applicable when D≥8. | Machines hex sockets. (Ordering Code) RAC <table border="1"> <thead> <tr> <th>D</th> <th>Applicable Dimensions</th> <th>Hex Hole Dimensions</th> </tr> <tr> <th></th> <th>P</th> <th>B</th> <th>E</th> <th>S</th> </tr> </thead> <tbody> <tr><td>8</td><td>7.00~</td><td>9.0~</td><td>2</td><td>3</td></tr> <tr><td>10 10T</td><td>8.00~</td><td></td><td></td><td></td></tr> <tr><td>12 12T</td><td>8.00~</td><td></td><td></td><td></td></tr> <tr><td>13 13T</td><td>11.00~</td><td></td><td>2.5</td><td>4</td></tr> <tr><td>16 16T</td><td>14.00~</td><td>10.0~</td><td>3</td><td>5</td></tr> <tr><td>20 20T</td><td>15.00~</td><td></td><td>4</td><td>6</td></tr> </tbody> </table> | D | Applicable Dimensions | Hex Hole Dimensions | | P | B | E | S | 8 | 7.00~ | 9.0~ | 2 | 3 | 10 10T | 8.00~ | | | | 12 12T | 8.00~ | | | | 13 13T | 11.00~ | | 2.5 | 4 | 16 16T | 14.00~ | 10.0~ | 3 | 5 | 20 20T | 15.00~ | | 4 | 6 | Machines wrench holes. (Ordering Code) LAC <table border="1"> <thead> <tr> <th>D</th> <th>Applicable Dimensions</th> <th>Wrench Hole Dimensions</th> </tr> <tr> <th></th> <th>B</th> <th>P</th> <th>Q</th> </tr> </thead> <tbody> <tr><td>8</td><td></td><td>6.00~9.99</td><td>2</td></tr> <tr><td>10 10T</td><td>8.0~</td><td>10.00~15.99</td><td>3.5</td></tr> <tr><td>12 12T</td><td></td><td>16.00~</td><td>5</td></tr> <tr><td>13 13T</td><td>9.0~</td><td></td><td></td></tr> <tr><td>16 16T</td><td></td><td></td><td></td></tr> <tr><td>20 20T</td><td>10.0~</td><td></td><td></td></tr> </tbody> </table> | D | Applicable Dimensions | Wrench Hole Dimensions | | B | P | Q | 8 | | 6.00~9.99 | 2 | 10 10T | 8.0~ | 10.00~15.99 | 3.5 | 12 12T | | 16.00~ | 5 | 13 13T | 9.0~ | | | 16 16T | | | | 20 20T | 10.0~ | | |
| | D | Applicable Dimensions | Hex Hole Dimensions | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P | B | E | S | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 7.00~ | 9.0~ | 2 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 10T | 8.00~ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 12T | 8.00~ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 13T | 11.00~ | | 2.5 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 16T | 14.00~ | 10.0~ | 3 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 20T | 15.00~ | | 4 | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| D | Applicable Dimensions | Wrench Hole Dimensions | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | B | P | Q | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | 6.00~9.99 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 10T | 8.0~ | 10.00~15.99 | 3.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 12T | | 16.00~ | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 13T | 9.0~ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 16T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 20T | 10.0~ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Ⓜ Applicable when D≥8. Ⓜ Applicable to P, L, B Dimension Configurable Type only. Ⓜ Combination with LAC is not available. | | Ⓜ Applicable when D≥8. Ⓜ Applicable to P, L, B Dimension Configurable Type only. Ⓜ Combination with RC and RAC is not available. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |