


Locating Pins - Shouldered

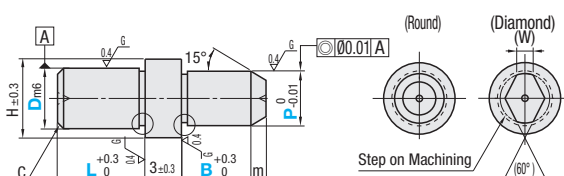
Tapered Press Fit

For products uncovered by e-Catalog Standard, see P.131.

Features: Shouldered Standard Tapered Head allows for height adjustment of the locating target.



Material No.	Material	Surface Treatment	Hardness	P Selectable		P, L, B Configurable	
				Type	Shape Code	Type	Shape Code
(1)	SKS3 Equivalent	-	Treated Hardness: 60~63HRC	JP	JB (Round)	FP	JA (Round)
(3)	SUS304	-	-	SJP	DJ (Diamond)	SFP	JD (Diamond)
(5)	SUS440C or 13Cr stainless	-	Treated Hardness: 50~55HRC	-	-	CFP	-



Step on Machining

Relief dimension is a reference value.

When D (P) ≥ 3 a=1.0 d=D(P)-0.2

When D(P) < 3 a=0.5 d=D(P)-0.1

RoHS 10

A machining step remains on the shoulder top for Diamond Shape.

SUS440C or 13Cr stainless has an identification groove at any position on D part.

SUS304 may not be polished and may have no centering hole.

P Selectable

Part Number		D	D dim. Tolerance m6	P Selection	L	B	C	m	H	(W)	Unit Price Round Shape		Unit Price Diamond Shape			
Type	Shape										(1)Treated SKS3 JPJB	(3)SUS304 SJPJB	(1)Treated SKS3 JPDJ	(3)SUS304 SJPDJ		
JP SJP	JB (Round) DJ (Diamond) Applicable when D≥3.	2	+0.008	1 2	4	2	0.5	-	6	1.0						
		3	+0.002	2 3 4	5						1					
		4		2 3 4 5	10	5	1	2	8	1.5	1.8					
		5	+0.012	3 4 5 6												
		6	+0.004	4 5 6	15	6	1.5	3	11	2.2	13	3				
		8	+0.015	5 6 8												
		10	+0.006	8 10	8	2	15	3.2	15	3.2						
		12		8 10 12												
		13	+0.018	8 10 12 13	22	4	16	3.5	16	3.5						
		16	+0.007	13 14 15 16												
20	+0.021	+0.008	16 20	30	10	3	5	23	5.5							

P, L, B Configurable

Part Number		D	D dim. Tolerance m6	P	L	B	C	m	H	(W)	Unit Price Round Shape		Unit Price Diamond Shape		
Type	Shape										0.01mm Increment	1mm Increment	0.1mm Increment	(1)Treated SKS3 FPJA	(3)SUS304 SFPJA
FP SFP CFP	JA (Round) JD (Diamond) Applicable when D≥3.	2	+0.008	1.00~2.00	2~4	2.0~10.0	0.5	-	6	1.0					
		3	+0.002	2.00~4.00	3~6	2.0~10.0					1				
		4		2.00~5.00	4~8	2.0~10.0	1	2	8	1.5	1.8				
		5	+0.012	3.00~6.00	5~10	2.0~15.0(10.0)									
		6	+0.004	4.00~7.00	5~12	2.0~15.0	1.5	3	11	2.2	13	3			
		8	+0.015	5.00~9.00	5~16	2.0~20.0(15.0)									
		10	+0.006	7.00~12.00	8(10)~20	3.0~30.0(25.0)	2	4	15	3.2					
		12		7.00~12.00	10~24	3.0~30.0(25.0)									
		13	+0.018	8.00~13.00	13~26	5.0~30.0(25.0)	3	5	19	4					
		16	+0.007	13.00~16.00	16~32	5.0~30.0									
20	+0.021	+0.008	16.00~20.00	20~40	5.0~30.0										

L, B dimensions in () are applicable to Diamond Shape.

Ordering Example

Part Number: [P] - [L] - [B]

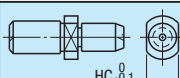
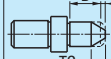

Type: JP JB 6 - 4

Type: FP JD 12 - P11.97 - L12 - B5.5

Alterations

Part Number: [P] - [L] - [B] - (HC, TC, RC)

FPJA6 - P4.01 - L8 - B3.5 - HC7.0

Alterations	Wrench Flats Alteration	Length of Tapered Point	Sphere Tip																														
Code	HC	TC	RC																														
Spec.	 <p>HC = 0.5mm Increment</p> <p>HC > D HC > P</p> <p>Ordering Code: HC10.0</p>	 <p>Changes the m dimension. Ordering Code: TC8 (1mm increment)</p> <table border="1"> <thead> <tr> <th>D</th> <th>TC</th> <th>D</th> <th>TC</th> <th>D</th> <th>TC</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>1</td> <td>6</td> <td>3-11</td> <td>13</td> <td>5-22</td> </tr> <tr> <td>3</td> <td>2-5</td> <td>8</td> <td>4-14</td> <td>16</td> <td>6-23</td> </tr> <tr> <td>4</td> <td>2-7</td> <td>10</td> <td>4-18</td> <td>20</td> <td>6-23</td> </tr> <tr> <td>5</td> <td>3-9</td> <td>12</td> <td>4-20</td> <td></td> <td></td> </tr> </tbody> </table> <p>B+m ≥ TC+2 (Straight Section min. 2mm)</p> <p>Applicable when P ≥ 2.00. P/2 - TC x tan15° (=0.27) > 0.5 (Tip Ø1.0 min.)</p> <p>B dimension changes when TC is specified. (Changed B dimension = B+m-TC)</p>	D	TC	D	TC	D	TC	2	1	6	3-11	13	5-22	3	2-5	8	4-14	16	6-23	4	2-7	10	4-18	20	6-23	5	3-9	12	4-20			 <p>Changes the relief to R0.5</p> <p>Ordering Code: RC</p> <p>When H-P ≥ 2</p> <p>Applicable when H-P ≥ 2.</p>
D	TC	D	TC	D	TC																												
2	1	6	3-11	13	5-22																												
3	2-5	8	4-14	16	6-23																												
4	2-7	10	4-18	20	6-23																												
5	3-9	12	4-20																														

