


Locating Pins - Small Head, Tapered

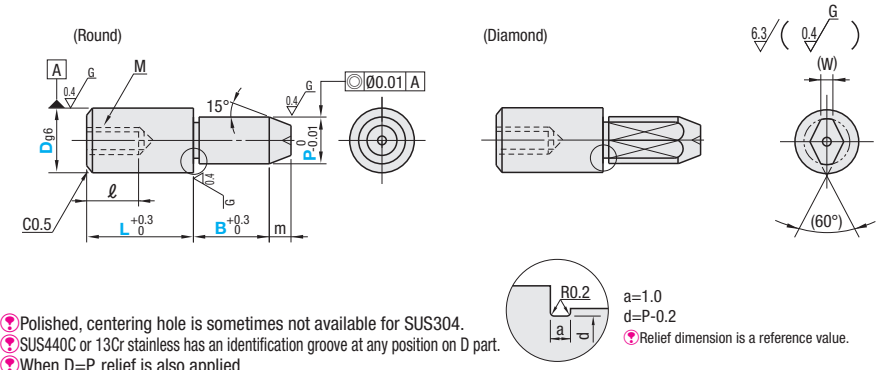
Tapped

■ **Features:** Small Head, Tapered with the shape designed to be mounted from back using bolts. Improved maintainability compared to Press Fit Type.



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	JPS	TB (Round)	FPS	TA (Round)
(2)	SKS3 Equivalent	Hard Chrome Plating	Treated Hardness: 50~53HRC Plating Hardness: 750HV~	-		GFPS	TD (Diamond)
(4)	SUS304*	-	-	SJPS		SFPS	
(5)	SUS304	Hard Chrome Plating	Plating Hardness: 750HV~	-		HFPS	
(6)	SUS440C or 13Cr stainless	-	Treated Hardness: 50~55HRC	CJPS		CFPS	

* For P Selectable Type, it is SUS304 equivalent.



⚡ Polished, centering hole is sometimes not available for SUS304.
 ⚡ SUS440C or 13Cr stainless has an identification groove at any position on D part.
 ⚡ When D=P, relief is also applied.

RoHS 10

■ **P Selectable**

Type	Part Number	D	D dim. Tolerance g6	P Selection		L	B	m	M (Coarse)	*Tightening Torque N·cm	ℓ		
				4	5								
JPS SJPS CJPS	TB (Round)	6	-0.004 -0.012			10	5	2	M3	98	5		
		8	-0.005	6	7		6						
		10	-0.014	7	8	9	10	15	8	3	M5	461	8
		12	-0.006 -0.017	8	9	10	11	12					

■ **P, L, B Configurable**

Type	Part Number	D	D dim. Tolerance g6	P Selection			m	(W)	M (Coarse)	*Tightening Torque N·cm	ℓ	
				0.01mm Increment	1mm Increment	0.1mm Increment						
FPS GFPS SFPS HFPS CFPS	TA (Round) TD (Diamond)	5		3.00~5.00	8~10	2.0~15.0(10.0)	2	1.2	M2	-	3	
		6	-0.004 -0.012	4.00~6.00	8(9)~17	2.0~15.0		1.5	M3	98	5	
		6T										
		8						3	1.8	M5	461	8
		8T	-0.005	6.00~8.00	11(12)~21	2.0~30.0(15.0)	1.8		M4	225	6	
		10	-0.014	7.00~10.00	11(12)~23	3.0~30.0(25.0)	2.2	M5	461	8		
		10T						M4	225	6		
		12					2.5	M5	461	8		
		12T						M4	225	6		
		13					3	M8	1911	10		
		13T	-0.006 -0.017	8.00~13.00	13(14)~26	5.0~30.0(25.0)		M6	784	9		
		16					4	M8	1911	12		
		16T						M6	784	9		
		20	-0.007	13.00~20.00	20~40	5.0~30.0	5	M8	1911	12		
		20T	-0.020		12(18)~30			M6	784	9		

⚡ L, B dimensions in () are applicable to Diamond Shape. ⚡ Note the strength of under-head part. ⚡ P.1618 ⚡ Please confirm pilot hole depth on P.1618. Holes may go through.
 ⚡ Pins of D dimension with T have one size smaller thread diameter and larger wall thickness. (Actual D dimension is the number without "T".)
 * The tightening torque (ref. value) for hardened products is strength class 8.8. (See technical data on P.2365.) Not applicable when using locking materials or lock washers.

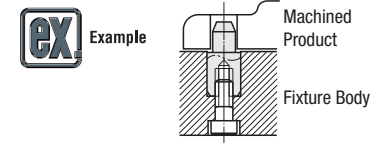
Ordering Example

Part Number	Type	Shape	D	P	L	B
JPS TB 6 - 4	JPS	TB	6	-	4	
FPS TA 10 - P8.52 - L12 - B6.4	FPS	TA	10	- P8.52	- L12	- B6.4

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

■ (4) Price List for Large Qty. Order of SUS304 (301~500 pcs.)

D	Round Shape	Diamond Shape
	SFPSTA	SFPSTD
5		
6		
6T		
8		
8T		
10		
10T		
12		
12T		
13		
13T		
16		
16T		
20		
20T		



■ **P Selectable**

D	Unit Price Round Shape		
	(1)Treated SKS3 JPSTB	(4)SUS304 SJPSTB	(6)SUS440C or 13Cr stainless CJPSTB
6			
8			
10			
12			

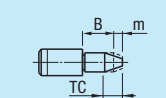
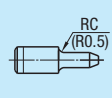
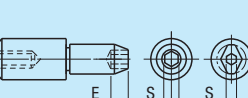
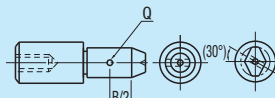
■ **P, L, B Configurable**

D	Unit Price Round Shape						Unit Price Diamond Shape								
	(1)Treated SKS3 FPSTA	(2)Hard SKS3 GFPSTA	(4)SUS304 SFPSTA	(5)Hard SUS304 HFPSTA	(6)SUS440C or 13Cr stainless CFPSTA	(1)Treated SKS3 FPSTD	(2)Hard SKS3 GFPSTD	(4)SUS304 SFPSTD	(5)Hard SUS304 HFPSTD	(6)SUS440C or 13Cr stainless CFPSTD					
5															
6															
6T															
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10															
10T															
12															
12T															
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16															
16T															
20															
20T															

Alterations

Part Number - P - L - B - (TC, RC, RAC, LAC)

FPSTA10 - P8.52 - L12 - B6.4 - TC7

Alterations	Length of Tapered Point	Sphere Tip	Hex Socket Machining	Wrench Hole Machining																																																																																																				
																																																																																																								
Code	TC	RC	RAC	LAC																																																																																																				
Spec.	Changes the m dimension. Ordering Code TC8 (1mm increment) <table border="1"> <thead> <tr> <th>D</th> <th>TC</th> <th>D</th> <th>TC</th> </tr> </thead> <tbody> <tr><td>5</td><td>3~7</td><td>12</td><td>4~20</td></tr> <tr><td>6</td><td>3~9</td><td>13</td><td>4~21</td></tr> <tr><td>8</td><td>4~13</td><td>16</td><td>5~22</td></tr> <tr><td>10</td><td>4~16</td><td>20</td><td></td></tr> </tbody> </table>	D	TC	D	TC	5	3~7	12	4~20	6	3~9	13	4~21	8	4~13	16	5~22	10	4~16	20		Changes the relief to R0.5 Ordering Code RC ⚡ Applicable when D-P≥2. ⚡ Combination with LAC is not available.	Machines hex sockets. Ordering Code RAC <table border="1"> <thead> <tr> <th rowspan="2">D</th> <th colspan="2">Applicable Dimension</th> <th colspan="2">Hex Hole Dimensions</th> </tr> <tr> <th>P</th> <th>L</th> <th>E</th> <th>S</th> </tr> </thead> <tbody> <tr><td>8</td><td>8T</td><td>6.00~</td><td rowspan="2">6.0~</td><td rowspan="2">2</td></tr> <tr><td>10</td><td>10T</td><td>7.00~</td></tr> <tr><td>12</td><td>12T</td><td>13~</td><td rowspan="2">2.5</td><td rowspan="2">4</td></tr> <tr><td>13</td><td>13T</td><td>9.00~</td></tr> <tr><td>16</td><td>16T</td><td>10.00~</td><td rowspan="2">3</td><td rowspan="2">5</td></tr> <tr><td>20</td><td>20T</td><td>13.00~</td></tr> <tr><td>20</td><td>20T</td><td>22~</td><td rowspan="2">4</td><td rowspan="2">6</td></tr> <tr><td></td><td></td><td></td></tr> </tbody> </table>	D	Applicable Dimension		Hex Hole Dimensions		P	L	E	S	8	8T	6.00~	6.0~	2	10	10T	7.00~	12	12T	13~	2.5	4	13	13T	9.00~	16	16T	10.00~	3	5	20	20T	13.00~	20	20T	22~	4	6				Machines wrench holes. Ordering Code LAC <table border="1"> <thead> <tr> <th rowspan="2">D</th> <th colspan="2">Applicable Dimension</th> <th colspan="2">Wrench Hole Dimensions</th> </tr> <tr> <th>P</th> <th>B</th> <th>P</th> <th>Q</th> </tr> </thead> <tbody> <tr><td>8</td><td>8T</td><td>6.00~</td><td>6.00~9.99</td><td>2</td></tr> <tr><td>10</td><td>10T</td><td>7.00(8.00)~</td><td>10.00~15.99</td><td>3.5</td></tr> <tr><td>12</td><td>12T</td><td>7.00(8.00)~</td><td>5.0~</td><td>16.00~</td></tr> <tr><td>13</td><td>13T</td><td>8.00~</td><td></td><td></td></tr> <tr><td>16</td><td>16T</td><td>10.00~</td><td></td><td></td></tr> <tr><td>20</td><td>20T</td><td>13.00~</td><td>10.0~</td><td></td></tr> </tbody> </table>	D	Applicable Dimension		Wrench Hole Dimensions		P	B	P	Q	8	8T	6.00~	6.00~9.99	2	10	10T	7.00(8.00)~	10.00~15.99	3.5	12	12T	7.00(8.00)~	5.0~	16.00~	13	13T	8.00~			16	16T	10.00~			20	20T	13.00~	10.0~	
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