

# Locating Pins - Small Head, Tapered

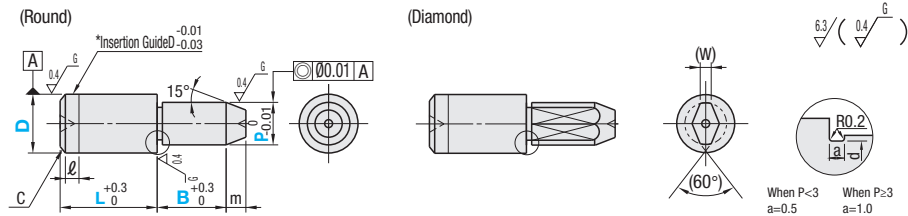
Press Fit

■ Features: Tapered Head Standard Type. Press Fit. Economical and there is a variety of selections to choose from. Same day shipping available.



Material No.	Material	Surface Treatment	Hardness	P Selectable		P Configurable		P, L, B Configurable	
				Type	D Tolerance and Shape Code	Type	D Tolerance and Shape Code	Type	D Tolerance and Shape Code
①	SKS3 Equivalent	-	Treated Hardness: 60 ~ 63HRC	JP	<Round>	JP	<Round>	FP	<Round>
②	SKS3 Equivalent	Hard Chrome Plating Plating Thickness: 3µm or more	Treated Hardness: 50 ~ 55HRC Plating Hardness: 750HV ~	GJP	SB (m6)	GJP	SA (m6)	GFP	SA (m6)
③	SKS3 Equivalent	-	-	BJP	SPB (p6)	BJP	SPA (p6)	BFP	SPA (p6)
④	SUS304*	-	-	SJP	<Diamond>	SJP	<Diamond>	SFP	<Diamond>
⑤	SUS304	Hard Chrome Plating Plating Thickness: 3µm or more	Plating Hardness: 750HV ~	HJP	DS (m6)	HJP	SD (m6)	HFP	SD (m6)
⑥	SUS440C Equivalent	-	Treated Hardness: 50 ~ 55HRC	CJP	DPS (p6)	CJP	SPD (p6)	CFP	SPD (p6)

\* For P Selectable Type, it is SUS304 equivalent.



For the insertion guide, tolerance m6 and p6 are both applicable. SUS440C Equivalent 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 Selectable

Type	D Tolerance and Shape	Part Number		P Selection	L	B	C	m	l	(W)
		D	D dim. Tolerance							
JP GJP BJP SJP HJP CJP	<Round> SB (m6) SPB (p6)	2	+0.008 +0.002	1 2	4	2	0.3	0.5	0	-
		3	+0.012 +0.006	1 2 3	5	3	0.5			
		4	+0.012 +0.004	2 3 4	10	5	1	2	1	1.0
		5	+0.012 +0.004	2 3 4 5						1.2
		6	+0.012 +0.004	2 3 4 5 6	1.5					
		<Diamond> DS (m6) DPS (p6) Applicable when D≥4.	8	+0.015 +0.006	3 4 5 6 8	15	6	1.5	3	2
	10		+0.015 +0.006	3 4 5 6 8 10	2.2					
	12		+0.018 +0.007	5 6 8 10 12	22	8	2	4	2	2.5
	13		+0.018 +0.007	6 8 10 12 13						3
	16		+0.018 +0.007	10 12 13 14 15 16	30	10	3	4	4	4
	20		+0.021 +0.008	13 14 15 16 20						5

■ P Configurable

Type	D Tolerance and Shape	Part Number		P 0.01mm Increment	L	B	C	m	l	(W)
		D	D dim. Tolerance							
JP GJP BJP SJP HJP CJP	<Round> SA (m6) SPA (p6)	2	+0.008 +0.002	1.00~2.00	4	2	0.3	0.5	0	-
		3	+0.012 +0.006	1.00~3.00	5	3	0.5			
		4	+0.012 +0.004	2.00~4.00	10	5	1	2	1	1.0
		5	+0.012 +0.004	2.00~5.00						1.2
		6	+0.012 +0.004	2.00~6.00	1.5					
		<Diamond> SD (m6) SPD (p6) Applicable when D≥4.	8	+0.015 +0.006	3.00~8.00	15	6	1.5	3	2
	10		+0.015 +0.006	3.00~10.00	2.2					
	12		+0.018 +0.007	5.00~12.00	22	8	2	4	2	2.5
	13		+0.018 +0.007	6.00~13.00						3
	16		+0.018 +0.007	10.00~16.00	30	10	3	4	4	4
	20		+0.021 +0.008	13.00~20.00						5

■ P, L, B Configurable

Type	D Tolerance and Shape	Part Number		P 0.01mm Increment	L 1mm Increment	B 0.1mm Increment	C	m	l	(W)
		D	D dim. Tolerance							
FP GFP BFP SFP HFP CFP	<Round> SA (m6) SPA (p6)	2	+0.008 +0.002	1.00~2.00	2~4	2.0~10.0	0.3	0.5	0	-
		3	+0.012 +0.006	1.00(2.00)~3.00	3~6	2.0~10.0				
		4	+0.012 +0.004	2.00~4.00	4~8	2.0~10.0	1	2	1	1.0
		5	+0.012 +0.004	2.00~5.00	5~10	2.0~10.0				1.2
		6	+0.012 +0.004	2.00~6.00	6~12	2.0~12.0	1.5			
		<Diamond> SD (m6) SPD (p6) Applicable when D≥3.	8	+0.015 +0.006	3.00~8.00	8~16	2.0~15.0	1.5	3	2
	10		+0.015 +0.006	3.00~10.00	10~20	3.0~20.0	2.2			
	12		+0.018 +0.007	5.00~12.00	12~24	3.0~20.0	2	4	2	2.5
	13		+0.018 +0.007	6.00~13.00	13~26	5.0~20.0				3
	16		+0.018 +0.007	10.00~16.00	16~32	5.0~20.0	3	4	4	4
	20		+0.021 +0.008	13.00~20.00	20~40	5.0~20.0				5

Ⓜ P dimension in ( ) is applicable to Diamond Shape.

Ordering Example

Part Number: P - L - B

Type: JP SB 5 - 3  
 JP SD 6 - 2.01  
 FP SA 8 - P6.01 - L8 - B5.3  
 FP SPD 10 - P5.97 - L12 - B3.5

■ P Selectable

D	Unit Price Round Shape						Unit Price Diamond Shape					
	①SKS3 Hardened JPSPB JPSPB	②Hard SKS3 GJPSPB GJPSPB	③SKS3 BJPSPB BJPSPB	④SUS304 SJPSB SJPSB	⑤Hard SUS304 HJPSPB HJPSPB	⑥SUS440C CJPSPB CJPSPB	①SKS3 Hardened JPSPD JPSPD	②Hard SKS3 GJPSPD GJPSPD	③SKS3 BJPSPD BJPSPD	④SUS304 SJPSPD SJPSPD	⑤Hard SUS304 HJPSPD HJPSPD	⑥SUS440C CJPSPD CJPSPD
2												
3												
4												
5												
6												
8												
10												
12												
13												
16												
20												

■ P Configurable

D	Unit Price Round Shape						Unit Price Diamond Shape					
	①SKS3 Hardened JPSPA JPSPA	②Hard SKS3 GJPSPA GJPSPA	③SKS3 BJPSPA BJPSPA	④SUS304 SJPSA SJPSA	⑤Hard SUS304 HJPSPA HJPSPA	⑥SUS440C CJPSPA CJPSPA	①SKS3 Hardened JPSPD JPSPD	②Hard SKS3 GJPSPD GJPSPD	③SKS3 BJPSPD BJPSPD	④SUS304 SJPSPD SJPSPD	⑤Hard SUS304 HJPSPD HJPSPD	⑥SUS440C CJPSPD CJPSPD
2												
3												
4												
5												
6												
8												
10												
12												
13												
16												
20												

■ P, L, B Configurable

D	Unit Price Round Shape						Unit Price Diamond Shape					
	①SKS3 Hardened FPSPA FPSPA	②Hard SKS3 GFPSA GFPSA	③SKS3 BFPSA BFPSA	④SUS304 SFPSA SFPSA	⑤Hard SUS304 HFPSA HFPSA	⑥SUS440C CFPSA CFPSA	①SKS3 Hardened FPSPD FPSPD	②Hard SKS3 GFPSD GFPSD	③SKS3 BFPSD BFPSD	④SUS304 SFPSD SFPSD	⑤Hard SUS304 HFPSD HFPSD	⑥SUS440C CFPSD CFPSD
2												
3												
4												
5												
6												
8												
10												
12												
13												
16												
20												

Alterations

Part Number: FPSPA10 - P8.52 - L12 - B6.4 - TC7

Ⓜ Alterations are not available for P Selectable Type.

Example

Alterations Code	Length of Tapered Point		Sphere Tip																									
	TC	RC																										
Spec.	Changes the m dimension. (Ordering Code) TC8 (1mm increment)		Changes the relief to R0.5. (Ordering Code) RC																									
	<table border="1"> <tr><th>D</th><th>TC</th><th>D</th><th>TC</th></tr> <tr><td>2</td><td>1</td><td>6</td><td>3-9</td></tr> <tr><td>3</td><td>1-3</td><td>8</td><td>4-13</td></tr> <tr><td>4</td><td>2-5</td><td>10</td><td>4-16</td></tr> <tr><td>5</td><td>3-7</td><td>12</td><td>4-20</td></tr> </table>	D	TC	D	TC	2	1	6	3-9	3	1-3	8	4-13	4	2-5	10	4-16	5	3-7	12	4-20	<table border="1"> <tr><th>D</th><th>TC</th></tr> <tr><td>13</td><td>4-21</td></tr> <tr><td>16</td><td>5-22</td></tr> </table>	D	TC	13	4-21	16	5-22
D	TC	D	TC																									
2	1	6	3-9																									
3	1-3	8	4-13																									
4	2-5	10	4-16																									
5	3-7	12	4-20																									
D	TC																											
13	4-21																											
16	5-22																											
	<ul style="list-style-type: none"> <li>Ⓜ B+m≥TC+2 (Straight Part min. 2mm)</li> <li>Ⓜ Applicable when P≥2.00. Ⓜ P/2-TC x tan15°(≈0.27) &gt; 0.5 (Tip Ø1.0min.)</li> <li>Ⓜ B dimension changes when TC is specified. (Changed B dimension = B+m-TC)</li> </ul>	<ul style="list-style-type: none"> <li>Ⓜ Applicable when D-P≥2.</li> </ul>																										

