

Locating Pins - Large Head, Tapered
Press Fit

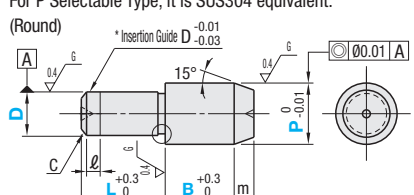
■ **Features:** Tapered Head Standard Type. Press Fit. Economical and there is a variety of selections to choose from. Same day shipping available.



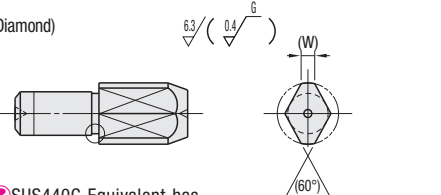
Material No.	Material	Surface Treatment	Hardness	P Selectable		P, L, B Configurable	
				Type	D Tolerance and Shape	Type	D Tolerance and Shape
(1)	SKS3 Equivalent	-	Treated Hardness: 60~63HRC	JP	<Round>	FP	<Round>
(2)	SKS3 Equivalent	Hard Chrome Plating Plating Thickness: 3µm or more	Treated Hardness: 50 ~ 55HRC / Plating Hardness: 750HV ~	GJP	BB (m6)	GFP	BA (m6)
(3)	SKS3 Equivalent	-	-	BJP	BPB (p6)	BFP	BG (g6)
(4)	SUS304*	-	-	SJP	<Diamond>	SFP	<Diamond>
(5)	SUS304	Hard Chrome Plating Plating Thickness: 3µm or more	Plating Hardness: 750HV ~	HJP	DB (m6)	HFP	BD (m6)
(6)	SUS440C Equivalent	-	Treated Hardness: 50~55HRC	CJP	DPB (p6)	CFP	DG (g6)

* For P Selectable Type, it is SUS304 equivalent.

(Round)



(Diamond)



⚡ SUS440C Equivalent has an identification groove at any position on D part.

⚡ Polished, centering hole is sometimes not available for SUS304.

* The insertion guide is applicable to tolerance p6 only.

■ P Selectable

Part Number		D dim. Tolerance		P Selection		L	B	C	m	ℓ	(W)
Type	D Tolerance and Shape	D	m6	p6							
JP GJP BJP SJP HJP CJP	<Round> BB (m6) BPB (p6)	1	+0.008 +0.002	+0.012 +0.006	2	3	3	0.1	0.5	0	-
		2			3 4	4	5	0.5	1		1.2
		3			4 5 6	5	6		2		1.5
		4			5 6						1.8
		5	+0.012 +0.004	+0.020 +0.012	6 8	10	6	1	3		2.2
		6			8 10					1	3
	<Diamond> DB (m6) DPB (p6) ⚡ Applicable when D≥2	8	+0.015 +0.006	+0.024 +0.015	10 12 13		8	1.5			3.5
		10			12 13 15	15			4		4
		12			13 15 16			2			5
		13	+0.018 +0.007	+0.029 +0.018	15 16		10				5.5
		16			20 25	22		3	5	2	7
		20	+0.021 +0.008	+0.035 +0.022	25 30	30	15				9

■ P, L, B Configurable

Part Number		D dim. Tolerance			P	L	B	C	m	ℓ	(W)
Type	D Tolerance and Shape	D	m6	p6	0.01mm Increment	1mm Increment	0.1mm Increment				
FP GFP BFP SFP HFP CFP	<Round> BA (m6) BPA (p6) BG (g6)	1			1.20(1.50) ~3.00(2.50)	2~3	1.0~5.0	0.1	0.5	0	0.6
		2	+0.008 +0.002	+0.012 +0.006	2.50~6.00(4.00)	2~6	1.0~15.0(10.0)		1		1.2
		3			3.50~8.00	3~10	1.0~15.0(10.0)		2		1.5
		4			4.50~8.00	3(4)~14	1.0~15.0(10.0)				1.8
		5	+0.012 +0.004	+0.020 +0.012	5.50~10.00	5~15	1.0~15.0(10.0)	1	3		2.2
		6			6.50~10.00	5~15	1.0~30.0(25.0)			1	3
	<Diamond> BD (m6) BPD (p6) DG (g6)	8	+0.015 +0.006	+0.024 +0.015	8.50~15.00	5(6)~16	1.0~30.0(25.0)	1.5			3.5
		10			11.00~17.00	5(10)~20	3.0~30.0(25.0)		4		4
		12			13.00~18.00	6(10)~24	3.0~30.0(25.0)	2			5
		13	+0.018 +0.007	+0.029 +0.018	14.00~20.00	7(12)~26	5.0~30.0(25.0)				5.5
		16			17.00~27.00	8(15)~32	5.0~30.0		3	5	7
		20	+0.021 +0.008	+0.035 +0.022	22.00~30.00	10(15)~40	5.0~30.0				9

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



Ordering Example

Part Number

Type D Tol. Shape D - P - L - B

JP BB 6 - 10

FP BA 10 - P12.02 - L10 - B3.2

FP BD 12 - P13.97 - L12 - B5

⚡ 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
	SFPBA SFPBPA SFPBG	SFPBD SFPBPD SFPDG
2		
3		
4		
5		
6		
8		
10		
12		
13		
16		
20		

■ P Selectable

D	Unit Price Round Shape						Unit Price Diamond Shape					
	(1)Treated SKS3 JPBB JPBPB	(2)Hard SKS3 GJPBB GJPBPB	(3)SKS3 BJPBB BJPBPB	(4)SUS304 SJPBB SJPBPB	(5)Hard SUS304 HJPBB HJPBPB	(6)SUS440C CJPBB CJPBPB	(1)Treated SKS3 JPDB JPDDB	(2)Hard SKS3 GJPDB GJDPDB	(3)SKS3 BJPDB BJPDDB	(4)SUS304 SJPDB SJPDDB	(5)Hard SUS304 HJPDB HJPDDB	(6)SUS440C CJPDB CJPDDB
1												
2												
3												
4												
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6												
8												
10												
12												
13												
16												
20												

■ P, L, B Configurable

D	Unit Price Round Shape						Unit Price Diamond Shape					
	(1)Treated SKS3 FPBA FPBPA FPBG	(2)Hard SKS3 GFPBA GFPBPA GFPBG	(3)SKS3 BFPBA BFPBPA BFPBG	(4)SUS304 SFPBA SFPBPA SFPBG	(5)Hard SUS304 HFPBA HFPBPA HFPBG	(6)SUS440C CFPBA CFPBPA CFPBG	(1)Treated SKS3 FPBD FPBPD FPDG	(2)Hard SKS3 GFPBD GFPBPD GFPDG	(3)SKS3 BFPBD BFPBPD BFPDG	(4)SUS304 SFPBD SFPBPD SFPDG	(5)Hard SUS304 HFPBD HFPBPD HFPDG	(6)SUS440C CFPBD CFPBPD CFPDG
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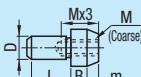


Alterations

Part Number - P - L - B - (MH, NTK, TC, RC)

FPBPA10 - P11.01 - L12 - B6.4 - TC6

⚡ Alterations are not available for P Selectable Type.

Alterations Code	Tapping MH	Removal Tap NTK	Length of Tapered Point TC	Sphere Tip RC																																																							
Spec.	Adds a tapped hole. Ordering Code MH	Machines a removal tap hole. Ordering Code NTK	Changes the m dimension. Ordering Code TC8 (1mm increment)	Changes the relief to R0.5. Ordering Code RC																																																							
																																																											
	⚡ Applicable when D≥6	⚡ Applicable only when D≥6.	⚡ B+m≥TC+2 (Straight Section min. 2mm)	⚡ Applicable when P-D≥2																																																							
	⚡ B≥ℓ2÷4	⚡ Combination with MH or TC is not available.	⚡ Applicable when P≥2.00.																																																								
	⚡ M+2 ≤ P - 2 x m x tan15°(≈0.27)	⚡ Effective tap length of D depends on B dimension configurable range.	⚡ P/2 - TC x tan15° (≈0.27) > 0.5 (Tip Ø1.0min.)																																																								
	<table><tr><th>D</th><th>MH (Coarse)</th><th>ℓ2</th></tr><tr><td>6</td><td>M3</td><td>4</td></tr><tr><td>8~13</td><td>M4</td><td>6</td></tr><tr><td>16~20</td><td>M6</td><td>9</td></tr></table>	D	MH (Coarse)	ℓ2	6	M3	4	8~13	M4	6	16~20	M6	9	<table><tr><th>D</th><th>M (Coarse)</th><th>B</th></tr><tr><td>6</td><td>3</td><td>1.0~4.5</td></tr><tr><td>8</td><td>4</td><td>1.0~5.9</td></tr><tr><td>10, 12</td><td>5</td><td>3.0~8.6</td></tr><tr><td>13~20</td><td>8</td><td>5.0~15.2</td></tr></table>	D	M (Coarse)	B	6	3	1.0~4.5	8	4	1.0~5.9	10, 12	5	3.0~8.6	13~20	8	5.0~15.2	<table><tr><th>D</th><th>TC</th><th>D</th><th>TC</th></tr><tr><td>1</td><td>1~2</td><td>8</td><td>5~16</td></tr><tr><td>2</td><td>2~5</td><td>10</td><td>5~22</td></tr><tr><td>3</td><td>3~9</td><td>12</td><td>5~22</td></tr><tr><td>4</td><td>4~11</td><td>13</td><td>5~22</td></tr><tr><td>5</td><td>4~11</td><td>16</td><td>6~23</td></tr><tr><td>6</td><td>4~13</td><td>20</td><td>6~23</td></tr></table>	D	TC	D	TC	1	1~2	8	5~16	2	2~5	10	5~22	3	3~9	12	5~22	4	4~11	13	5~22	5	4~11	16	6~23	6	4~13	20	6~23	
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	⊗ Combination with NTK is not available.	⚡ When L+B+m≤Mx3, the tapped holes go through. ⚡ When L+B+m≤Mx5, the pilot holes for tapping may go through.	⚡ B dimension changes when TC is specified. (Changed B dimension = B+m-TC) ⊗ Combination with NTK is not available.																																																								