

Locating Pins Large Head Tapered Type

–Female Thread–

RoHS 10

Materials No.	M	S	H	Type		Shape Code		
				P Fixed - Specified	P - L - B Dim. Specified	P Fixed	P Dim. Specified	P - L - B Dim. Specified
(1) SKS3	—	—	Hardening Hardness 60~63HRC	JP	FP	BTB (Round) DTB (Diamond)	BTA (Round) BTD (Diamond)	BTA (Round) BTD (Diamond)
(2) SKS3	Hard Chrome Plating Plating Thickness 3µm or more	—	Hardening Hardness 60~63HRC Plating Hardness 750HV~	GJP	GFP			
(3) SKS3	—	—	—	BJP	BFP			
(4) SUS304	—	—	—	SJP	SFP			
(5) SUS304	Hard Chrome Plating Plating Thickness 3µm or more	—	Plating Hardness 750HV~	HJP	HFP			
(6) SUS440C Equivalent	—	—	Hardening Hardness 50~55HRC	CJP	CFP			
(7) SCM415	—	—	Carburized 55HRC~ (Depth 0.7~0.8)	TJP	TFP			

(Round)

(Diamond)

⚠SUS440C equivalent type has an identification groove on D part.

P Dimension Fixed Type										
Part Number			D Dim. Tolerance g6	P	L	B	m	(W)	M Coarse	ℓ
Type	Shape	D								
JP GJP BJP SJP HJP CJP TJP	BTB (Round) DTB (Diamond)	6	-0.004	8 10	10	8	3	3	M3	5
		6T	-0.012	8 10					M2.6	4
		8	-0.005	10 12 13	15	4	3.5	M5	8	
		8T	-0.014	10 12 13			4	M4	6	
		10		12 13 15	10		5	M5	8	
		12		13 15 16			5.5			
		13	-0.006	15 16	22	5	7	M8	12	
		16	-0.017				9			
		20	-0.007 -0.020	20 25 25 30	30		15			

P Dimension Specified Type											
Part Number			D Dim. Tolerance μm	P 0.01mm Increment	L	B	m	(W)	M Coarse	ℓ	
Type	Shape	D									
JP GJP BJP SJP HJP CJP TJP	BTA (Round) BTD (Diamond)	6	-0.004	6.50~10.00	10	8	3	3	M3	5	
		6T	-0.012	6.50~10.00					M2.6	4	
		8	-0.005	9.00~13.00	15		4	3.5	M5	8	
		8T	-0.014	9.00~13.00					M4	6	
		10		11.00~15.00				4	M5	8	
		12		13.00~16.00				5			
		13	-0.006	14.00~18.00	22		5.5				
		16	-0.017	17.00~25.00			7	M8	12		
		20	-0.007	22.00~30.00			9				
				-0.020				30	15		

P · L · B · Dimension Specified Type											
Features of D Dimension T Size: Smaller thread diameter and thicker than conventional specification. With D dimension 8T or more, shorter mounting length L is available.											
Part Number			D Dim. Tolerance g6	P	L	B	m	(W)	M	ℓ	
Type	Shape	D		0.01mm Increment	1mm Increment	0.1mm Increment			Coarse		
FP GFP BFP SFP HFP CFP TFP	BTA (Round) BTD (Diamond)	6	-0.004	6.50~10.00	6(9)~12	2.0~12.0	3	3	M3	5	
		6T	-0.012						M2.6	4	
		8	-0.005 -0.014	9.00~13.00	8(12)~16 6(12)~16	2.0~15.0	4	3.5	M5	8	
		8T							M4	6	
		10	11.00~15.00	10(12)~20 6(12)~16	3.0~20.0	4		M5	8		
		10T						M4	6		
		12	13.00~16.00	12~24 8(12)~18	3.0~20.0	5		M5	8		
		12T						M4	6		
		13	-0.006 -0.017	14.00~18.00	13(14)~26 8(14)~20	5.0~20.0	5.5	M8	10		
		13T						M6	9		
		16	17.00~25.00	16~32 10(14)~24	5.0~20.0	5	7	M8	12		
		16T						M6	9		
		20	-0.007 -0.020	22.00~30.00	20~40 12(18)~30		5.0~20.0	9	M8	12	
		20T							M6	9	

⚠L dimension () is applicable to diamond shape. ⚠Note the strength of under-head part. ⚠P: R33

Order Example

Part Number

-

P

-

L

-

B

Type

Shape

D

JP

BTB

6 - 8

JP

BTA

10 - 12.10

FP

BTA

10 - P11.01 - L12 - B6.4

Alterations

Part Number

-

P

-

L

-

B

-

(TC · RC · RAC · LAC)

FPBTA10

-

P11.01

-

L12

-

B6.4

-

TC6

	Length of Tapered Point	Radius	Hexagon Socket	Wrench Hole																				
Alterations																								
Code	TC	RC	RAC	LAC																				
Spec.	Changes the m dimension. <u>Ordering Code</u> TC8 (1 mm Increment)		Changes the relief to R0.5. <u>Ordering Code</u> RC																					
	<table><tr><th>D</th><th>TC</th><th>D</th><th>TC</th></tr><tr><td>6</td><td>4~13</td><td>13</td><td>5~22</td></tr><tr><td>8</td><td>5~16</td><td>16</td><td>6~23</td></tr><tr><td>10</td><td>5~22</td><td>20</td><td></td></tr><tr><td>12</td><td>5~22</td><td></td><td></td></tr></table>		D	TC	D	TC	6	4~13	13	5~22	8	5~16	16	6~23	10	5~22	20		12	5~22			<u>Ordering Code</u> RC	
	D	TC	D	TC																				
	6	4~13	13	5~22																				
	8	5~16	16	6~23																				
10	5~22	20																						
12	5~22																							
⚠ P Dimension Fixed Type is not applicable.		⚠ P dimension () is applicable to diamond shape.																						
⚠ Combination with RAC and LAC is not available.		⚠ Combination with TC, RC and LAC is not available.																						
⚠ B+m>TC+2 (Straight Part min. 2mm)		⚠ Applicable to P · L · B Dimension Specified Type only.																						
⚠ P/2-TCtan15°(≈0.27)>0.5 (Tip Ø1.0min.)		⚠ Although the diamond shaped wrench hole is drilled vertically to the diamond surface, the direction is arbitrary.																						
⚠ B Dimension change when TC is specified.		⚠ Combination with TC, RC and RAC is not available.																						
⚠ P Dimension Fixed Type is not applicable.																								
⚠ Combination with RAC and LAC is not available.																								