


Locating Pins - Sphere Small Head

Tapped

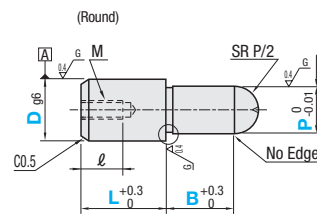
Features: Sphere Small Head with the shape designed to be mounted from back using bolts. Improved maintainability compared to Press Fit Type.



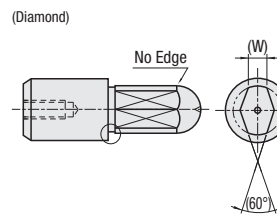
Material No.	Material	Surface Treatment	Hardness	P Selectable		P, L, B Configurable	
				Type	Shape Code	Type	Shape Code
(1)	SKS3 Equivalent	-	Treated Hardness: 60~63HRC	JPQS	TB (Round)	FPQS	TA (Round) TD (Diamond)
(2)	SKS3 Equivalent	Hard Chrome Plating	Treated Hardness: 50~55HRC Plating Hardness: 750HV~	-			
(3)	SUS304*	-	-	-			
(4)	SUS440C or 13Cr stainless	-	Treated Hardness: 50~55HRC	-			

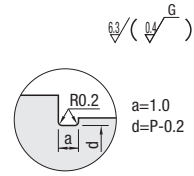
* For P Selectable Type, it is SUS304 equivalent.

(Round)



(Diamond)





a=1.0
d=P-0.2

⚠ Relief dimension is a reference value.

- ⚠ Polished, centering hole is sometimes not available for SUS304.
- ⚠ SUS440C or 13Cr stainless has an identification groove at any position on D part.
- ⚠ When the P dimension is small, a centering hole will cause the sphere section to become small.
- ⚠ When D=P, relief is also applied.
- ⚠ The spherical head may be polished.

⚠ Locating Pins for Height Adjusting with shorter B fixed dimension is also available.
P.1669

P Selectable

Part Number		P Selection		L	B	M (Coarse)	*Tightening Torque N·cm	ℓ		
Type	D	D dim. Tolerance g6								
JPQS	TB (Round)	6	-0.004 -0.012	4	5	10	5	M3	98	5
		8	-0.005 -0.014	6	7					
		10	-0.006 -0.017	7	8	15	8	M5	461	8
		13		8	10					
		16		10	10	22	10	M8	1911	12

P, L, B Configurable

Part Number		P		L		B		M (Coarse)	*Tightening Torque N·cm	ℓ	(W)	
Type	D	D dim. Tolerance g6	0.01mm Increment	1mm Increment	0.1mm Increment	(Coarse)						
FPQS GFFPQS SFFPQS CFFPQS	TA (Round) TD (Diamond)	5	-0.004 -0.012	3.00~5.00	8~10	2.0~15.0(10.0)	M2	-	3	1.2		
		6		4.00~6.00	8(9)~17	2.0~15.0	M3	98	5	1.5		
		6T	-0.005 -0.014	4.00~6.00	8(9)~17	2.0~15.0	M2.6	-	4	8	1.8	
		8										6.00~8.00
		8T		7.00~10.00	11(12)~23	8(12)~23	3.0~30.0(25.0)	M5	461	8	6	2.2
		10										
		10T	-0.006 -0.017	7.00~12.00	12~24	8(12)~18	M5	461	8	6	2.5	
		12										7.00~12.00
		12T		8.00~13.00	10(14)~26	16~32	5.0~30.0(25.0)	M8	1911	10	9	3
		13										
		13T	-0.007 -0.020	10.00~16.00	20~40	12(18)~30	5.0~30.0	M6	784	9	4	
		16										10.00~16.00
		16T		13.00~20.00	20~40	12(18)~30	5.0~30.0	M8	1911	12	9	5
		20										
		20T										

⚠ Pins of D dimension with T have one size smaller thread diameter and larger wall thickness. (Actual D dimension is the number without "T".)
 ⚠ 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.
 * 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 - P - L - B
 JPQSTB6 - 4
 FPQSTA6 - P4.00 - L10 - B5.5