Locating Pins - Sphere Large Head

Press Fit

Features: The Sphere Head can prevent the mating material from being scratched even when you insert by sliding horizontally against the pin end.



Material	Matarial	Surface Treatment	∏Hardness	P Se	lectable	P, L, B Configurable			
No.	Miviateriai	Surface freatment	<u>I</u> Inaruness	Type	D Tolerance and Shape	Type	D Tolerance and Shape		
(1)	SKS3 Equivalent	-	Treated Hardness: 60~63HRC	JPQ		FPQ			
(2)	SKS3 Equivalent	Hard Chrome Plating	Treated Hardness: 50~55HRC	-		GFPQ			
(3)	SUS304*	-	-	SJPQ		SFPQ	<round></round>		
(4)	SUS304	Hard Chrome Plating	-	-	<round> B (m6)</round>	HFPQ	PA (p6)		
(5)	SUS440C Equivalent	-	Treated Hardness: 50~55HRC	CJPQ	PB (p6)	CFPQ	<diamond></diamond>		
(6)	SKS3 Equivalent	Buffing	Treated Hardness: 60~63HRC	-		MFPQ	PD (p6)		
(7)	SKS3 Equivalent	Hard Chrome Plating + Buffing	Treated Hardness: 50~55HRC	-		MGFPQ			
(8)	SUS440C Equivalent	Buffing	Treated Hardness: 50~55HRC	-		MCFPQ			

(Diamond)

No Edge

Relief dimension is a reference value.

When D<3 a=0.5 d=D-0.1

X(60°)

Locating Pins for Height

□ P1669

Adjusting with shorter B fixed dimension is also available.

*For P Selectable Type, it is SUS304 equivalent.

P Hard Chrome Plating: Plating Thickness 3µm or more, Plating Hardness: 750HV ~

Buffed at "" part only. (Except Diamond Cut Surface)



*Insertion Guide D -0.03 SR P/2

-◎Ø0.01A No Edge

- *The insertion guide is applicable to tolerance p6 only.

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

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

 When the P dimension is small, a centering hole will cause the sphere section to
- become small.

 The spherical head may be polished.

P Selectable

	Part Number								
Туре	D Tolerance and Shape	D	D Tol.		P Selection	L	В	С	l
Type	D Tolerance and Shape		m6	p6					
		1		+0.012 +0.006	2	3	3	0.1	0
	<round> B (m6) PB (p6)</round>	2				4		0.5	0
IDO		3			4 5 6	5	5	0.5	
JPQ		4		+0.020 +0.012	5 6 7	υ	6	1	
SJPQ CJPQ		5			6 7 8	10			
OUI Q		6	10.004		7 8 9 10	10	. 8		1
		8	+0.015 +0.02		9 10 11 12	15	0	1.5	
		10	+0.006 +	+0.015	12 13	15	10	2	

P, L, B Configurable

	Part Number				D		В			
Туре	D Tolerance and Shape	D	D T m6	ol. p6	0.01mm Increment	1mm Increment	0.1mm Increment	С	l	(W)
		1	0.000	0.040	1.50~3.00(2.50)	2, 3	1.5~5.0	0.1	0	-
		2		+0.012	2.50~6.00(4.00)	2~6	1.5~15.0(10.0)	0.5	U	1.2
FPQ		3	+0.002		3.50~8.00	3~10	1.5~15.0(10.0)	0.5		1.5
GFPQ	<round> A (m6) PA (p6)</round>	4	0.040	0.000	4.50~8.00	3(4)~14	1.5~15.0(10.0)			1.8
SFPQ HFPQ		5	+0.012		5.50~10.00	5~15	1.5~15.0(10.0)	1		2.2
CFPQ		6	+0.004	+0.012	6.50~10.00			1	3.0	
	<diamond></diamond>	8	+0.015	+0.024	8.50~15.00	5(6)~16	1.5~30.0(15.0)	1.5		3.5
(Buff Finished)	D (m6)	10	+0.006	+0.015	11.00~17.00	5(10)~20	3.0~30.0(25.0)	2		4.0
MFPQ MGFPQ	PD (p6)	12	0.040	0.000	13.00~18.00		3.0~30.0(25.0)			5.0
MCFPQ	• Applicable when D≥2	13	+0.018	+0.029	14.00~20.00		5.0~30.0(25.0)			5.5
• Applicable when D≥5.		16	+0.007	+0.010	17.00~27.00	8(15)~32	5.0~30.0		2	7.0
<u> </u>		20 +0.021 +0.008		+0.035 +0.022	22.00~30.00	10(15)~40	5.0~30.0	3	2	9.0

[•]P, L, B dimensions in () are applicable to Diamond Shape.

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



Part Number Type D Tol. D A 4 - P5.00 - L5 - B2.5 PA 12 - P15.98 - L12 - B5.5

D Coloctobio

P Selectable												
	Unit Pric	Unit Price Round Shap										
D	(1)Treated SKS3 JPQB JPQPB	(3)SUS304 SJPQB SJPQPB	(5)SUS440 CJPQB CJPQPI									
1												
2												
3												
4												
5												
6												
8												
10												

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

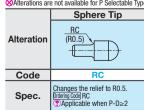
	Round Shape	Diamond Shape
D	SFPQA	SFPQD
	SFPQPA	SFPQPD
2		
3		
4		
5		
6		
8		
10		
12		
13		
16		
20		

P, L, B Configurable

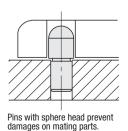
	Unit Price Round Shape									Unit Price Diamond Shape						
D	(1)Treated SKS3	(2)Hard SKS3	(3)SUS304	(4)Hard SUS304	(5)SUS440C	(6)Treated SKS3 + Buffed	(7)Hard SKS3 + Buffed	(8)SUS440C + Buffed	(1)Treated SKS3	(2)Hard SKS3	(3)SUS304	(4)Hard SUS304	(5)SUS440C	(6)Treated SVS3 + Buffed	(7)Hard SKS3 + Buffed	(8)SUS440C + Buffed
	FPQA FPQPA	GFPQA GFPQPA	SFPQA SFPQPA	HFPQA HFPQPA	CFPQA CFPQPA	MFPQA MFPQPA	MGFPQA MGFPQPA	MCFPQA MCFPQPA	FPQD FPQPD	GFPQD GFPQPD	SFPQD SFPQPD	HFPQD HFPQPD	CFPQD CFPQPD	MFPQD MFPQPD	MGFPQD MGFPQPD	MCFPQD MCFPQPD
1						-	-	-	-	-	-	-	-	-	-	-
2						-	-	-						-	-	-
3						-	-	-						-	-	-
4						-	-	-						-	-	-
5																
6																
8																
10																
12																
13																
16																
20																



Part Number - P - L - B - (RC) ⊗Alterations are not available for P Selectable Type.







1 -1641