


Locating Pins - Sphere Small 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.

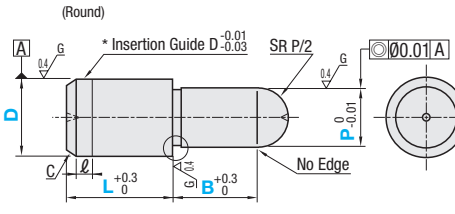


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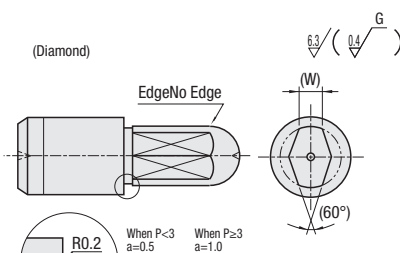
Material No.	Material	Surface Treatment	Hardness	P Selectable		P, L, B Configurable	
				Type	D Tolerance and Shape	Type	D Tolerance and Shape
(1)	SKS3 Equivalent	-	Treated Hardness: 60~63HRC	JPQ	<Round> SB (m6) SPB (p6)	FPQ	<Round> SA (m6) SPA (p6)
(2)	SKS3 Equivalent	Hard Chrome Plating	Treated Hardness: 50~55HRC / Plating Hardness: 750HV ~	-		GFPQ	<Diamond> SD (m6) SPD (p6)
(3)	SUS304*	-	-	SJPQ		SFPQ	
(4)	SUS304	-	-	-		HFPQ	
(5)	SUS440C or 13Cr stainless	Hard Chrome Plating	Plating Hardness: 750HV ~	-		CFPQ	
(6)	SKS3 Equivalent	Buffing	Treated Hardness: 60~63HRC	-		MFPQ	

* For P Selectable Type, it is SUS304 equivalent.

(Round)



(Diamond)



- ⦿ Buffed at // part only. (Except Diamond Cut Surface)
- * The insertion guide is applicable to both the Tolerance m6 and p6 Types.
- ⦿ SUS440C or 13Cr stainless has an identification groove on insertion guide.
- ⦿ 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.
- ⦿ When D=P, relief is also applied.
- ⦿ The spherical head may be polished.

P Selectable

Type	Part Number			P Selection	L	B	C	ℓ	
	D Tolerance and Shape	D	D dim. Tolerance						
JPQ SJPQ	<Round> SB (m6) SPB (p6)	2	+0.008 +0.002	+0.012 +0.006	1 1.5	4	2	0.3	
		3			2	5	3	0.5	
		4			2 3	10	5	1	1
		5	+0.012 +0.004	+0.020 +0.012	2 3 4				
		6			2 3 4 5				

P, L, B Configurable

Type	Part Number			P	L	B	C	ℓ	(W)	
	D Tolerance and Shape	D	D dim. Tolerance							
FPQ GFPQ SFPQ HFPQ CFPQ (Buff Finished) MFPQ	<Round> SA (m6) SPA (p6) <Diamond> SD (m6) SPD (p6)	2	+0.008 +0.002	+0.012 +0.006	1.00~2.00	2~5	2.0~10.0	0.3	0	-
		3			1.00~3.00	3~10	2.0~10.0	1	1	1.0
		4			1.50(2.00)~4.00	4~10	2.0~10.0			1.2
		5	+0.012 +0.004	+0.020 +0.012	2.00~5.00	5~10	2.0~15.0(10.0)	1.5	1.8	
		6			2.00~6.00	5~17	2.0~15.0	2	2	2.2
		8	+0.015 +0.006	+0.024 +0.015	3.00~8.00	8~21	2.0~20.0(15.0)			2.5
		10			3.00~10.00	10~23	3.0~20.0	3	3	3
		12	+0.018 +0.007	+0.029 +0.018	5.00~12.00	12~24	3.0~30.0(25.0)			4
		13			6.00~13.00	13~26	5.0~30.0(25.0)	5	5	4
		16	+0.021 +0.008	+0.035 +0.022	10.00~16.00	16~32	5.0~30.0			5
		20			13.00~20.00	20~40	5.0~30.0			

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

Ordering Example

Part Number	-	P	-	L	-	B
Type	Shape	D				
JPQ	SB	4	-	2		
FPQ	SA	4	-	P2.01	-	L6
			-		-	B5.5