

Locating Pins - Small Head, Round Tapered

Locating Pins - Small Head, Round Tapered

D and P Tolerance, Taper R Selectable

(Buff Finished)

RoHS

Material No.	Material	Surface Treatment	Hardness	Type	Shape Code
①	SKS3 Equivalent	-	Treated Hardness: 60-63HRC	JPRS	B (Standard, m6) PB (Standard, p6) TB (Tapped)
②	SKS3 Equivalent	Hard Chrome Plating Plating Thickness: 3um or more	Treated Hardness: 60-63HRC Plating Hardness: 750HV~	GJPRS	
③	SUS304	-	-	SJPRS	
④	SUS440C Equivalent	-	Treated Hardness: 50-55HRC	CJPRS	
⑤	SKS3 Equivalent	Buffing	Treated Hardness: 60-63HRC	MJPRS	
⑥	SKS3 Equivalent	Hard Chrome Plating + Buffed Plating Thickness: 3um or more	Treated Hardness: 60-63HRC Plating Hardness: 750HV~	MGJPRS	
⑦	SUS440C Equivalent	Buffing	Treated Hardness: 50-55HRC	MCJPRS	

$\sqrt{\frac{0.3}{\sqrt{0.4}}}$

Standard

Tapped

* Insertion Guide D -0.01 / -0.03

Buffed at part only.

The boundary between B and E dimensions is indistinct.

Ⓜ The insertion guide is applicable to tolerance m6 and p6 type only.
 Ⓜ SUS440C Equivalent has an identification groove on D part.
 Ⓜ Polished, centering hole is sometimes not available for SUS304.

Standard

Type	Shape Code	D	D Tolerance		P	L	B	C	E	
			m6	p6						
JPRS GJPRS SJPRS CJPRS (Buff Finished) MJPRS MGJPRS MCJPRS Ⓜ Applicable when D≥5 and P≥5.	B (m6) PB (p6)	3	+0.008 +0.002	+0.012 +0.006	2 3	5	3	0.5	3	
		4			2 3 4					
		5	+0.012 +0.004	+0.020 +0.012	2 3 4 5					
		6			3 4 5 6				1 4	
		8	+0.015 +0.006	+0.024 +0.015	4 5 6 8			6	1.5	5
		10			6 8 10		15			
		12			8 10 12			8	2	6
		13	+0.018 +0.007	+0.029 +0.018	12 13					
		16			12 13 14 15 16		22			
		20	+0.021 +0.008	+0.035 +0.022	15 16 20		30	10	3	7

Tapped

Type	Shape Code	D	D Tolerance g6	P	L	B	E	M (Coarse)	ℓ
	6T		4 5 6				M2.6	4	
	8		6 8			6	M4	6	
	8T	-0.005 -0.014	6 8		15		M3	5	
	10		8 10			8	M5	8	
	12		8 10 12						
	13	-0.006 -0.017	12 13		22				
	16		12 13 14 15 16						
	20	-0.007 -0.020	15 16 20		30	10	M8	12	

Ⓜ Pins of D dimension with T have one size smaller thread diameter and larger wall thickness. (Actual D dimension is the number without "T").
 Ⓜ Note the strength of under-head part. Ⓜ P.1309 Ⓜ Please confirm pilot hole depth on Ⓜ P.1309. Holes may go through.

Ordering Example

Part Number	Type	Shape	D	P
JPRS	B	10	6	
MGJPRS	B	12	8	

Alterations

Part Number	P	RC
JPRS10	6	RC

Alterations

Code	Spherical Tip
RC	Changes the relief to R0.5. (Ordering Code) RC

Spec.

Ⓜ Applicable when D-P≥2.

(Buff Finished)

RoHS

Material No.	Material	Surface Treatment	Hardness	Type	Shape Code
①	SKS3 Equivalent	-	Treated Hardness: 60-63HRC	KFPS	A (Standard) T (Tapped)
②	SKS3 Equivalent	Hard Chrome Plating Plating Thickness: 3um or more	Treated Hardness: 60-63HRC Plating Hardness: 750HV~	GKFPS	
③	SUS304	-	-	SKFPS	
④	SUS440C Equivalent	-	Treated Hardness: 50-55HRC	CKFPS	
⑤	SKS3 Equivalent	Buffing	Treated Hardness: 60-63HRC	MKFPS	
⑥	SKS3 Equivalent	Hard Chrome Plating + Buffed Plating Thickness: 3um or more	Treated Hardness: 60-63HRC Plating Hardness: 750HV~	MGKFPS	
⑦	SUS440C Equivalent	Buffing	Treated Hardness: 50-55HRC	MCKFPS	

$\sqrt{\frac{0.3}{\sqrt{0.4}}}$

Standard

Tapped

Ⓜ When D=P, no relief is applied.
 (i) When D=P and tolerances are different

(ii) When D=P and tolerances are the same

Ⓜ Buffed at part only.

The boundary between B and E dimensions is indistinct.

Ⓜ SUS440C Equivalent has an identification groove on D part.

Standard

Type	Shape Code	D Tolerance	P Tolerance	D	P 0.01mm Increment	L 1mm Increment	B 0.5mm Increment	E 0.5mm Increment	R	C

Ⓜ Configurable range depends on P dimension. Confirm "Details of E Dimension and R Dimension Range" in the table below.

Tapped

Type	Shape Code	D Tolerance	P Tolerance	D	P 0.01mm Increment	L 1mm Increment	B 0.5mm Increment	E 0.5mm Increment	R	M (Coarse)	ℓ

Ⓜ Configurable range depends on P dimension. Confirm "Details of E Dimension and R Dimension Range" in the table below.

Ⓜ Pins of D dimension with T have one size smaller thread diameter and larger wall thickness. (Actual D dimension is the number without "T").
 Ⓜ Note the strength of under-head part. Ⓜ P.1309 Ⓜ Please confirm pilot hole depth on Ⓜ P.1309.

Ordering Example

Part Number	Type	Shape	D Tol.	P Tolerance	D	P	L	B	E	R
MKFPS	A	M	S	16	P12.00	L14	B4.0	E5.0	R15	

Alterations

Part Number	P	L	B	E	R	
KFPSA12	12	P7.00	L10	B3.0	E3.0	R10

(GDC, RC, AC)

Details of E and R Dimension Range

P 0.01mm Increment	E 0.5mm Increment	R
2.00-4.00	1.0-2.0	5 10
4.01-8.00	2.5-4.0	10 15
8.01-12.00	4.5-7.0	10 15 20
12.01-16.00	5.0-10.0	15 20 25
16.01-20.00	5.0-15.0	20 25 30

Alterations

Code	Insertion Guide	Spherical Tip	Air Vent
GDC	Adds the insertion guide. (Ordering Code) GDC	Changes the relief to R0.5. (Ordering Code) RC	Adds an air vent. (Ordering Code) AC

Spec.

Ⓜ Applicable when D-P≥2.