

Locating Pins Small Head Round Tapered

Locating Pins Small Head Round Tapered -D and P Tolerance / Taper R Selectable-

RoHS10

Materials No.	Material	Surface Treatment	Hardness	Type	Shape Code
(1)	SKS3	-	Treated Hardness 60 - 63HRC	JPRS	B(Standard, m6) PB(Standard, p6) TB(Female Thread)
(2)	SKS3	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	Buffing	Treated Hardness 60 - 63HRC	MJPRS	
(6)	SKS3	Hard Chrome Plating + Buffing Plating Thickness 3um or More	Treated Hardness 60 - 63HRC Plating Hardness: 750HV~	MGJPRS	
(7)	SUS440C Equivalent	Buffing	Treated Hardness 50 - 55HRC	MCJPRS	

- Standard

- Female Thread

Insertion Guide D: -0.01 to -0.03

Buff Finishing is at part only .

The boundary between B and E dimension is indistinct.

* Insertion Guide is applicable to tolerance m6 and p6 Type only.

SUS440C Equivalent has an identification groove on D part.

Standard

Type	Shape Code	D	D Dimension Tolerance		P Selection	L	B	C	E
			m6	p6					
JPRS GJPRS SJPRS CJPRS (Buffered Product) 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	+0.012 +0.004	+0.020 +0.012	2 3 4	10	5	1	4
		5	+0.015 +0.006	+0.024 +0.015	3 4 5 6	15	6	1.5	5
		6	+0.018 +0.007	+0.029 +0.018	4 5 6 8	22	8	2	6
		8	+0.021 +0.009	+0.035 +0.022	6 8 10	30	10	3	7
		10			8 10 12				
		12			12 13				
		13			12 13 14 15 16				
		16			15 16 20				
		20							

Female Thread

Type	Shape Code	D	D Dimension Tolerance g6	P Selection	L	B	E	M (Coarse)	E
		8	-0.005 -0.014	6 8	15	6	M4	6	
		10	-0.006 -0.017	8 10 12	22	8	M5	8	
		13	-0.007 -0.020	12 13	30	10	M6	9	
		16		12 13 14 15 16			M8	12	
		20		15 16 20			M12	16	

* Pins of D dimension with Ts 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.1281** Please confirm pilot hole depth on **P.1281**. Holes may go through.

Order Example

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

Alterations

Part Number	-	P	-	(RC)
JPRSB10	-	6	-	RC

Alterations Code	Under neck radius alteration
RC	Changes the relief to R0.5. (Ordering Code) RC
Spec.	<p>*Applicable when D-P≥2.</p>

RoHS10

Materials No.	Material	Surface Treatment	Hardness	Type	Shape Code
(1)	SKS3	-	Treated Hardness 60 - 63HRC	KFPS	A(Standard) T(Female Thread)
(2)	SKS3	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	Buffing	Treated Hardness 60 - 63HRC	MKFPS	
(6)	SKS3	Hard Chrome Plating + Buffing Plating Thickness 3um or More	Treated Hardness 60 - 63HRC Plating Hardness: 750HV~	MGKFPS	
(7)	SUS440C Equivalent	Buffing	Treated Hardness 50 - 55HRC	MCKFPS	

- Standard

- Female Thread

Insertion Guide D: -0.01 to -0.03

Buff Finishing is at part only .

The boundary between B and E dimension is indistinct.

* Insertion Guide is applicable to tolerance m6 and p6 Type only.

SUS440C Equivalent has an identification groove on D part.

Tolerance Selection

D or P	Standard Grade					Precision Grade	
	M	P	G	H	S	A	B
2.00	+0.008	+0.012	-0.002	0	-0.010		
3.00	+0.002	+0.006	-0.008	-0.010			
3.01	+0.012	+0.020	-0.004	0			
6.00	+0.004	+0.012	-0.012	-0.012			
6.01	+0.015	+0.024	-0.005	0	-0.005	0	-0.005
10.00	+0.006	+0.015	-0.014	-0.015	0	-0.01	0
10.01	+0.015	+0.029	-0.006	0			
18.00	+0.007	+0.018	-0.017	-0.018			
18.01	+0.021	+0.035	-0.007	0			
20.00	+0.008	+0.022	-0.020	-0.021			

* The unit price of Precision Type is the price of Standard Type multiplying 1.1.
* For hard chrome plated and buffed, Precision Grade tolerance is not available.

Standard

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

* Specifiable range depends on P dimension. Confirm "Details of E Dimension and R Dimension Range" below.

* For hard chrome plated and buffed, * marked (Precision Grade tolerance) are not available.

Female Thread

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

* Pins of D dimension with Ts 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.1281** Please confirm pilot hole depth on **P.1281**.
* Precision Grade Price When A and B tolerance is selected, multiply 1.1 to the above unit price. (Round up to the Baht.)
Price Calculation Example: KFPSA10-P8.00-L8-B3.0-E3.0-R10
437 (KFPSA10) x 1.1 = 481 Baht

* Pins of D dimension with Ts 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.1281** Please confirm pilot hole depth on **P.1281**.

Order Example

Part Number	-	P	-	L	-	B	-	E	-	R
MKFPS	A	M	S	16	-	P12.00	-	L14	-	B4.0 - E5.0 - R15
Part Number	-	P	-	L	-	B	-	E	-	R
KFPSA12	-	P7.00	-	L10	-	B3.0 - E3.0 - R10	-		-	RC

Alterations Code	Insertion Guide Machining	Radius	Air Vent
GDC	Adds Insertion Guide. (Ordering Code) GDC	RC	AC
Spec.	<p>*Applicable when D-P≥2.</p>	<p>*Applicable when D-P≥2.</p>	

Details of E Dimension and R Dimension Range

P 0.01mm Increment	E 0.5mm Increment	R Selection
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