

Locating Pins Large Head Round Tapered

-Standard / Female Thread / Treaded-

■ Features: Small boundary between guide and locating parts ("No Edge" in diagram) prevents damage of locating target. Buff Finished Products with enhanced appearance and slide are also available.

RoHS10

Materials No.	Material	Surface Treatment	Hardness	Type	D Tolerance / Shape Code
(1)	SKS3	-	Treated Hardness 60 ~ 63HRC	JPRB	B(Standard, m6) PB(Standard, p6) TB(Female Thread) NB(Male Thread)
(2)	SKS3	Hard Chrome Plating Plating Thickness 3um or More	Treated Hardness 60 ~ 63HRC Plating Hardness 750HV~	GJPRB	
(3)	SUS304	-	-	SJPRB	
(4)	SUS440C Equivalent	-	Treated Hardness 50 ~ 55HRC	CJPRB	
(5)	SKS3	Buffing	Treated Hardness 60 ~ 63HRC	MJPRB	
(6)	SKS3	Hard Chrome Plating + Buffing Plating Thickness 3um or More	Treated Hardness 60 ~ 63HRC Plating Hardness 750HV~	MGJPRB	
(7)	SUS440C Equivalent	Buffing	Treated Hardness 50 ~ 55HRC	MCJPRB	

-Standard

-Female Thread

-Male Thread

Ⓜ Buffed at part only.

* Insertion Guide is applicable to tolerance p6 type only.
 * SUS440C has an identification groove on D part.

The boundary between B and E dimension is indistinct.

Part Number		D Dimension Tolerance		P Selection		L	B	C	E	ℓ
Type	Shape Code	D	m6	p6						
JPRB GJPRB SJPRB CJPRB (Buffed Product) MJPRB MGJPRB MCJPRB	B(m6) PB(p6)	2	+0.008	+0.012	3 4	4	3	0.5	3	0
		3	+0.002	+0.006	4 5 6	5	5			
		4			5 6	10	6	1	4	
		5	+0.012	+0.020	6 8	15	8	1.5	5	
		6	+0.004	+0.012	8 10	22	10	2	6	
		8	+0.015	+0.024	10 12 13	30	15	3	7	2
		10	+0.006	+0.015	12 13 15					
		12	+0.018	+0.029	13 15 16					
		13	+0.007	+0.018	15 16					
		16			20 25					
20	+0.021	+0.035	25 30							

Ⓜ Applicable when D≥5.

Part Number		D Dimension Tolerance		P Selection		L	B	E	M (Coarse)	ℓ
Type	Shape Code	D	g6							
JPRB GJPRB SJPRB CJPRB (Buffed Product) MJPRB MGJPRB MCJPRB	TB	6	-0.004	8 10	10	8	5	M3	5	
		6T	-0.012	8 10	15	8	5	M2.6	4	
		8	-0.005	10 12 13	22	10	6	M5	8	
		8T	-0.014	10 12 13	30	15	7	M4	6	
		10		12 13 15						
		12	-0.006	13 15 16						
		13	-0.017	15 16						
		16		20 25						
		20	-0.007	25 30						
			-0.020							

Ⓜ 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.

Part Number		D Dimension Tolerance		P Selection		L	B	E	M (Coarse)
Type	Shape Code	D	g6						
JPRB GJPRB SJPRB CJPRB (Buffed Product) MJPRB MGJPRB MCJPRB	NB	3	-0.002	4 5 6	5	5	3	M3	
		4	-0.008	5 6	10	6	4	M4	
		5	-0.004	6 8	15	8	5	M5	
		6	-0.012	8 10	22	10	6	M6	
		8	-0.005	10 12 13	30	15	7	M8	
		10	-0.014	12 13 15					
		12	-0.006	13 15 16					
		16	-0.017	20 25					
		20	-0.007	25 30					
			-0.020						

Ⓜ Applicable when D≥5.

Order Example

Part Number	P
Type	Shape
D	

Example: JPRB B 10 - 12
 MJPRB TB 12 - 16

Alterations

Part Number	P	(DRC / RC)
JPRB10	- 12 -	RC

Alterations	Screwdriver Slot	Under neck radius alteration
Code	DRC	RC
Spec.	Width 0.8mm Depth 1mm Ⓜ Applicable to external thread only.	Changes the relief to R0.5. Ordering Code: RC Ⓜ Applicable when P-D≥2.

Surface Shape Measurement Result (Reference)

<Test Name> Surface Shape Measurement
 <Measuring Instrument> Tokyo Seimitsu SURFCOM1800D-22
 <Sample> (a) JPBB8-12 (P.1283 Large Head Tapered)
 (b) JPRBB8-12 (Large Head Round Tapered - Non Buff Finished)
 (c) MJPRBB8-12 (Large Head Round Tapered - Buff Finished)
 <Test Conditions> - Measurement Length 12mm
 - Measurement Pitch 0.001mm
 - Measurement Speed 0.6mm/S

