

Locating Pins - Large Head, Tapered Plastic Tip

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

Features: Plastic material bonded to the tip of insertion guide prevents workpiece from being scratched.

Material No.	Pin		Head Plastic Material	Type	D Tolerance and Shape Code
	Material	Hardness			
(1)	SKS3 Equivalent	Treated Hardness: 60~63HRC	MC Nylon	JPPH	B (Press Fit, m6)
(2)	SUS304	-		SJPPH	PB (Press Fit, p6)
(3)	SUS440C Equivalent	Treated Hardness: 50~55HRC		CJPPH	TA (Tapped, g6)

Features of MC Nylon P.981
SUS440C Equivalent has an identification groove at any position on D part.

Press Fit

Tapped

Threaded

* The insertion guide is applicable to tolerance p6 only.

Relief dimension is a reference value.

Press Fit

Type	Shape Code	D	D Dim. Tolerance		P 0.01mm Increment	L 1mm Increment	B 0.1mm Increment	C	m	x	ℓ	Unit Price		
			m6	p6								(1)SKS3 Treated JPPHB JPPHPB	(2)SUS304 SJPPHB SJPPHPB	(3)SUS440C CJPPHB CJPPHPB
JPPH SJPPH CJPPH	B (m6) PB (p6)	5	+0.012	+0.020	5.50~8.00	5~10	2.0~10.0	1	5	4	1			
		6	+0.004	+0.012	6.50~10.00	6~12	2.0~12.0							
		8	+0.015	+0.024	9.00~13.00	8~16	2.0~15.0							
		10	+0.006	+0.015	11.00~15.00	10~20	3.0~20.0							
		12	+0.018	+0.029	13.00~16.00	12~24	5.0~20.0	2	6	5	2			
		13	+0.007	+0.018	14.00~18.00	13~26								
		16			17.00~25.00	16~32								
		20	+0.021	+0.035	22.00~30.00	20~40								
			+0.008	+0.022										

Tapped

Part Number				P 0.01mm Increment	L 1mm Increment	B 0.1mm Increment	m	x	M (Coarse)	* Tightening Torque N · cm	ℓ	Unit Price		
Type	Shape Code	D	D Dim. Tolerance g6									(1)SKS3 Treated JPPHTA	(2)SUS304 SJPPHTA	(3)SUS440C CJPPHTA
JPPH SJPPH CJPPH	TA	5	-0.004	5.50-8.00	5-10	2.0-10.0	5	4	M2	-	3			
		6	-0.012	6.50-10.00	6-12	2.0-12.0			M3	147	5			
		8	-0.005	9.00-13.00	8-16	2.0-15.0			M5	676	8			
		10	-0.014	11.00-15.00	10-20	3.0-20.0								
		12	-0.006	13.00-16.00	12-24	5.0-20.0	6	5	M6	2803	9			
		13	-0.017	14.00-18.00	13-26									
		16		17.00-25.00	16-32									
		20	-0.007 -0.020	22.00-30.00	20-40									

When D=5, L+B≥Mx4+1 When D≥6, L+B≥Mx3+1

* Tightening torque (reference) is of Tightening Torque Strength Class (10.9) indicated on Technical Data P.2365. Not applicable when using locking materials or lock washers.

Threaded

Type	Shape Code	D	D Dim. Tolerance g6	P 0.01mm Increment	L 1mm Increment	B 0.1mm Increment	m	x	M (Coarse)	* Tightening Torque N·cm	ℓ	Unit Price		
												(1)SKS3 Treated JPPHNA	(2)SUS304 SJPPHNA	(3)SUS440C CJPPHNA
JPPH SJPPH CJPPH	NA	5	-0.004	5.50~8.00	3~10	2.0~10.0	5	4	M5	676				
		6	-0.012	6.50~10.00	3~10	2.0~12.0			M6	1156				
		8	-0.005	9.00~13.00	5~10	2.0~15.0			M8	2803				
		10	-0.014	11.00~15.00	5~15	3.0~20.0			M10	5557				
		12	-0.006	13.00~16.00	8~15	5.0~20.0	6	5	M12	9702				
		16	-0.017	17.00~25.00	8~20				M16	24108				
		20	-0.007	22.00~30.00	10~20				M20	46942				
			-0.020											

* Tightening torque (reference) is of Tightening Torque Strength Class (10.9) indicated on Technical Data P.2365. Not applicable when using locking materials or lock washers.

Ordering Example

Part Number

Type

Shape

D

P

L

B

JPPH B 8 - P10.00 - L10 - B5.5

CJPPH TA 16 - P25.00 - L22 - B13.0

Alterations

Part Number

P

L

B

(RC)

SJPPHB10 - P15.00 - L12 - B6.4 - RC

Alteration Code	Sphere Tip RC	Wrench Hole Machining LAC
Spec.	Changes the relief to R0.5. (Ordering Code) RC 	Machines wrench holes. (Ordering Code) LAC
	Applicable when P-D≥2	Applicable when D≥6 Diamond Shape Hole is drilled on the diamond head vertically but with arbitrary orientation of their diamond surfaces against those of the diamond head.

