


Locating Pins - Large Head, Tapered

Plastic Tip

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

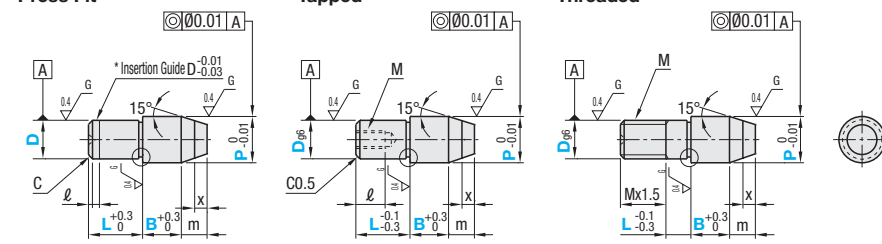
Features: Plastic material bonded to the tip of insertion guide prevents workpiece from being scratched.



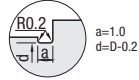
Material No.	Material	Pin Hardness	Head Plastic Material	Type	D Tolerance and Shape Code
(1)	SKS3 Equivalent	Treated Hardness: 60~63HRC	MC Nylon	JPPH	B (Press Fit, m6)
(2)	SUS304	-		SJPPH	PB (Press Fit, p6)
(3)	SUS440C or 13Cr stainless	Treated Hardness: 50~55HRC		CJPPH	TA (Tapped, g6) NA (Threaded, g6)

Features of MC Nylon P.981
 SUS440C or 13Cr stainless has an identification groove at any position on D part.

• Press Fit • Tapped • Threaded



* The insertion guide is applicable to tolerance p6 only.
 SUS304 may not be polished and may have no centering hole.



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 SJPPHB CJPPHB	(2)SUS304 SJPPHB SJPPHB	(3)SUS440C or 13Cr stainless CJPPHB CJPPHB
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	5	2				
		13	+0.007	+0.018	14.00~18.00	13~26								
		16	+0.007	+0.018	17.00~25.00	16~32								
		20	+0.021	+0.035	22.00~30.00	20~40								

Tapped

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 JPPHTA SJPPHTA CJPPHTA	(2)SUS304 SJPPHTA SJPPHTA	(3)SUS440C or 13Cr stainless CJPPHTA 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								
		8	-0.005	9.00~13.00	8~16	2.0~15.0								
		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	M5	461	8			
		13	-0.017	14.00~18.00	13~26									
		16	-0.017	17.00~25.00	16~32									
		20	-0.007	22.00~30.00	20~40									

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

* The tightening torque (ref. value) for hardened products is strength class 8.8. (See technical data on 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	Unit Price			
											(1)SKS3 Treated JPPHNA SJPPHNA CJPPHNA	(2)SUS304 SJPPHNA SJPPHNA	(3)SUS440C or 13Cr stainless CJPPHNA CJPPHNA	
JPPH SJPPH CJPPH	NA	5	-0.004	5.50~8.00	3~10	2.0~10.0	5	4	M5	461				
		6	-0.012	6.50~10.00	3~10	2.0~12.0								
		8	-0.005	9.00~13.00	5~10	2.0~15.0								
		10	-0.014	11.00~15.00	5~15	3.0~20.0								
		12	-0.006	13.00~16.00	8~15	5.0~20.0	6	5	M10	3783	8			
		13	-0.017	14.00~18.00	8~15									
		16	-0.017	17.00~25.00	8~20									
		20	-0.007	22.00~30.00	10~20									

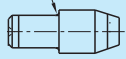
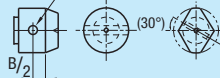
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Ordering Example: Part Number - P - L - B - (RC)

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	Wrench Hole Machining
	RC	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.