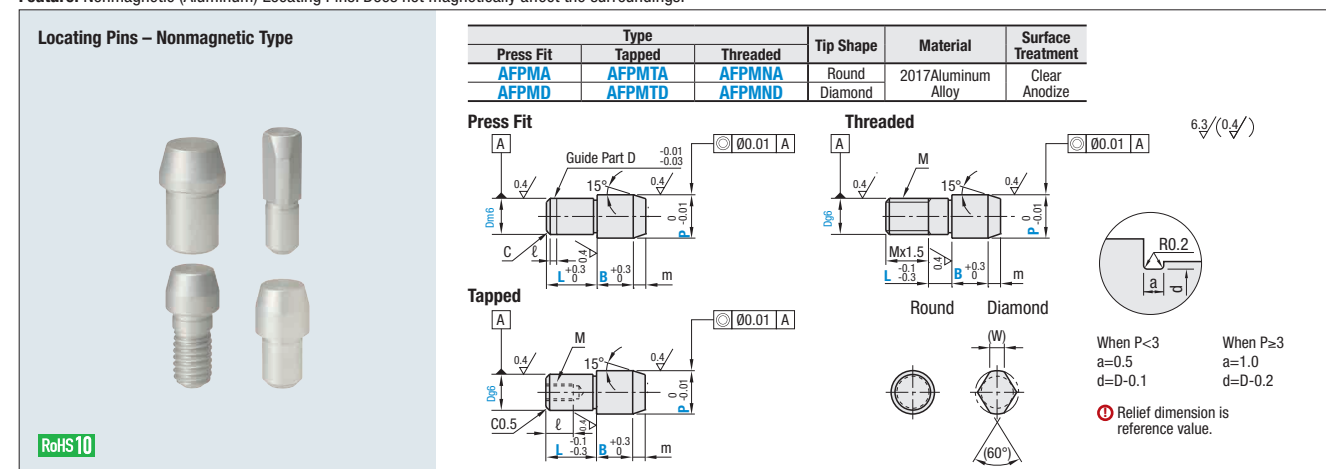


Locating Pins

Nonmagnetic Type

Feature: Nonmagnetic (Aluminum) Locating Pins. Does not magnetically affect the surroundings.



Part Number	Type	D	D Tolerance m6	P 0.01 mm Increment	L 1 mm Increment	B 0.1 mm Increment	C	m	(W)	ℓ	Compliance with Standard		Available Types		
											AFPMA	AFPMD	AFPMA	AFPMD	
AFPMA AFPMD	1	2	+0.008	1.50-2.50	2-3	1.0-5.0	0.1	0.5	—	—	—	—	—	—	—
	2	3	+0.002	2.50-4.00	2-6	1.0-10.0	—	1	1.2	—	—	—	—	—	—
	3	4	+0.012	3.50-6.00	3-6	1.0-10.0	—	0.5	2	1.5	—	—	—	—	—
	4	5													
	5	6	+0.015	5.50-8.00	5-10	1.0-10.0	—	3	2.2	2.2	—	—	—	—	
	6	7													+0.006
	8	9	+0.015	9.00-13.00	8-16	1.0-15.0	—	1.5	3.5	3.5	3.5	—	—	—	
	10	11													+0.006
	12	13	+0.018	13.00-16.00	12-24	3.0-20.0	—	4	5	5	5	—	—	—	
	13	14													+0.007
	16	17	+0.007	17.00-25.00	16-32	5.0-20.0	—	3	5	7	2	5.5	5.5	—	
		18													+0.007

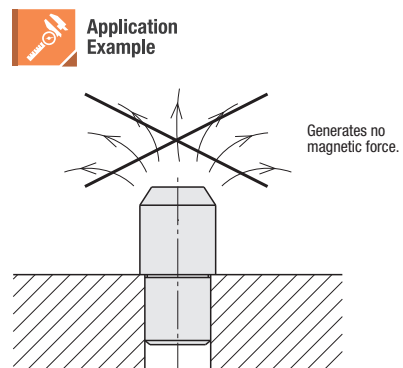
Part Number	Type	D	D Tolerance g6	P 0.01 mm Increment	L 1 mm Increment	B 0.1 mm Increment	m	(W)	ℓ	M (Coarse)	Recommended Tightening Torque (kgf·cm)										
												6	8	10	12	13	16	AFPMTA AFPMTD	3	3	5
6	8	10	12	13	16	4	3.5	8	M5	10											
6	8	10	12	13	16						5	5.5	10	M8	22.5						
6	8	10	12	13	16											7	12				

Part Number	Type	D	D Tolerance g6	P 0.01 mm Inc.	L 1 mm Inc.	B 0.1 mm Inc.	m	(W)	M (Coarse)	Recommended Tightening Torque (kgfcm)										
											3	4	5	6	8	10	12	16	AFPMA AFPMD	2
3	4	5	6	8	10	12	16	3	2.2	5	8.75									
3	4	5	6	8	10	12	16					4	3.5	8	18.75					
3	4	5	6	8	10	12	16									5	5.5	10		

Recommended tightening torque is reference value. Threads are prone to damage due to the soft material. Refer to the recommended tightening torque in the table for mounting.

Part Number Example
 Part Number - P - L - B
 AFPMA6 - P8.50 - L6 - B3.0

Part Number Alterations
 Part Number - P - L - B - (MH / RC / AC)
 AFPMTA10 - P12.00 - L15 - B6.0 - AC

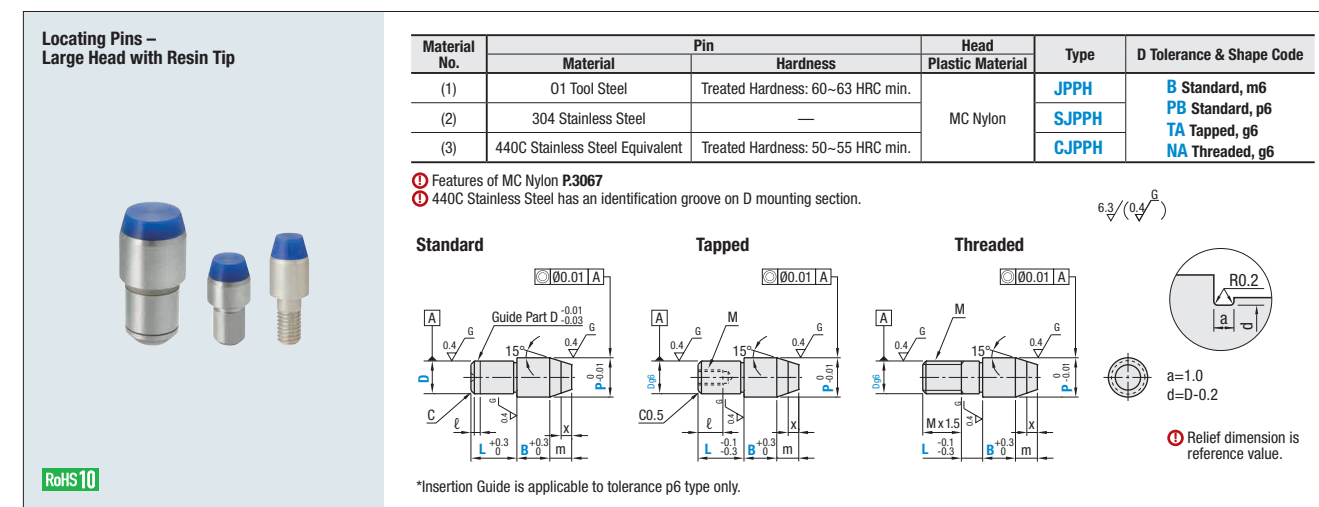


Alterations	Code	Tapping	Underhead Fillet	Air Vent												
					MH	RC	AC									
Spec.		Adds tapped hole. Ordering Code: MH	Changes the relief to R0.5. Ordering Code: RC	Adds an air vent. Ordering Code: AC												
		<table border="1"> <tr><th>D</th><th>MH (Coarse)</th><th>ℓ₂</th></tr> <tr><td>6</td><td>M3</td><td>4</td></tr> <tr><td>8-13</td><td>M4</td><td>6</td></tr> <tr><td>16</td><td>M6</td><td>9</td></tr> </table>	D	MH (Coarse)	ℓ ₂	6	M3	4	8-13	M4	6	16	M6	9		
D	MH (Coarse)	ℓ ₂														
6	M3	4														
8-13	M4	6														
16	M6	9														

Locating Pins

Large Head with Resin Tip

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



Part Number	Type	Shape Code	D	D Tolerance		P 0.01 mm Increment	L 1 mm Increment	B 0.1 mm Increment	C	m	x	ℓ
				m6	p6							
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	2	5.0-20.0		
			10	+0.006	+0.015	11.00-15.00	10-20					
			12	+0.018	+0.029	13.00-16.00	12-24		3	6	5	2
			13	+0.007	+0.018	14.00-18.00	13-26					
			16	+0.021	+0.035	17.00-25.00	16-32					
			20	+0.008	+0.022	22.00-30.00	20-40					

Part Number	Type	Shape Code	D	D Tolerance g6	P 0.01 mm Increment	L 1 mm Increment	B 0.1 mm Increment	m	x	M (Coarse)	ℓ					
												5	6	8	10	12
5	6	8	10	12	13	16	20	M3	5							
5	6	8	10	12	13	16	20			M5	8					
5	6	8	10	12	13	16	20					M6	9			

When D=5, L+B≥Mx4+1 When D≥6, L+B≥Mx3+1
 Tightening torque will be within Strength Class of 10.9 as indicated in the Technical Data P.4016 (10.9). Not applicable when using locking materials or lock washers.

Part Number	Type	Shape Code	D	D Tolerance g6	P 0.01 mm Increment	L 1 mm Increment	B 0.1 mm Increment	m	x	M (Coarse)					
											5	6	8	10	12
5	6	8	10	12	16	20	M6	8.75							
5	6	8	10	12	16	20			M8	18.75					
5	6	8	10	12	16	20					M10	27.5			

Tightening torque will be within Strength Class of 10.9 as indicated in the Technical Data P.4016 (10.9). Not applicable when using locking materials or lock washers.

Part Number Example
 Part Number - P - L - B
 Type Shape D
 JPPH B 8 - P10.00 - L10 - B5.5
 CJPPH TA 16 - P25.00 - L22 - B13.0

Part Number Alterations
 Part Number - P - L - B - (RC)
 SJPPHB10 - P15.00 - L12 - B6.4 - RC

Alteration	Code	Underhead Fillet
Spec.		Changes the relief to R0.5. Ordering Code: RC
		Applicable when P-D≥2.