

Locating Pins - Large Head, Bullet Nose, Compact

Standard / Threaded

■ **Feature:** R shape at insertion guide enables smooth insertion of workpiece. Compact Type with specifiable shorter L dimension.

RoHS 10

Material No.	Material	Surface Treatment	Hardness	Type	Shape Code
①	01 Tool Steel	-	Treated Hardness: 60~63HRC	FPCH	A (Standard, m6) PA (Standard, p6) NA (Threaded)
②	01 Tool Steel	Hard Chrome Plating	Hardness: 50~55HRC Plating Hardness: 750HV~	GFPCH	
③	01 Tool Steel	-	-	BFPCH	
④	304 Stainless Steel	-	-	SFPCH	
⑤	304 Stainless Steel	Hard Chrome Plating	Plating Hardness: 750HV~	HFPCH	
⑥	440C Stainless Steel	-	Treated Hardness: 50~55HRC	CFPCH	

Standard

Threaded

$m = \sqrt{(3P-R_1)^2 - \left(\frac{5P}{2}\right)^2} + R_1$
 * m dimension is the value before grinding. Centering holes may shorten the actual length.

* Polished, centering hole is sometimes not available for 304 Stainless Steel.
 * Locating Pins for Height Adjusting with shorter B fixed dimension is also available. [P.1384](#)

Standard		Part Number		D Tolerance		P	L	B	R1
Type	Shape Code	D	m6	p6	0.01mm Increment	1mm Increment	0.1mm Increment		
FPCH GFPCH BFPCH SFPCH HFPCH CFPCH	A (m6) PA (p6)	2	+0.008	+0.012	3.00~4.00	2~10	1.0~5.0	1	1
		3	+0.002	+0.006	3.50~6.00				
		4			4.50~7.00				
		5	+0.012	+0.020	5.50~8.00				
		6	+0.004	+0.012	6.50~10.00				
		8	+0.015	+0.024	8.50~13.00				
10	+0.006	+0.015	10.50~15.00	3~10	2				

Threaded		Part Number		P	L	B	R1	M (Coarse)
Type	Shape Code	D	D Tolerance g6	0.01mm Increment	1mm Increment	0.1mm Increment		
FPCH GFPCH BFPCH SFPCH HFPCH CFPCH	NA	3	-0.002 -0.008	3.50~6.00	2~10	1.0~5.0	1	M3
		4		4.50~7.00				M4
		5	-0.004 -0.012	5.50~8.00				M5
		6		6.50~10.00				M6
		8	-0.005 -0.014	9.00~13.00				M8
		10		11.00~15.00				M10

* The tightening torque (ref. value) for hardened products is strength class 8.8. (See technical data on MISUMI 2019 catalog P4015.) Not applicable when using locking agents or spring washers.

Ordering Example

Part Number	Type	Shape	D	P	L	B
FPCH	A	3	P4.20	L6	B2.0	
SFPCH	PA	5	P6.00	L4	B3.5	

Days to Ship [Configure Online](#)

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D	Unit Price					
	①01 Tool Steel Hardened FPCHA FPCHPA	②01 Tool Steel (Hardened) GFPCHA GFPCHPA	③01 Tool Steel BFPCHA BFPCHPA	④304 Stainless Steel SFPCHA SFPCHPA	⑤Hard 304 Stainless Steel HFPCHA HFPCHPA	⑥440C Stainless Steel CFPCHA CFPCHPA
2						
3						
4						
5						
6						
8						
10						

D	Unit Price					
	①01 Tool Steel Hardened FPCHNA	②01 Tool Steel (Hardened) GFPCHNA	③01 Tool Steel BFPCHNA	④304 Stainless Steel SFPCHNA	⑤Hard 304 Stainless Steel HFPCHNA	⑥440C Stainless Steel CFPCHNA
3						
4						
5						
6						
8						
10						

Alterations [Part Number](#) - P - L - B - (DRC, GDC, RC, AC, TC)

CFPCHPA3 - P4.00 - L4 - B1.0 - AC

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Alterations	Screwdriver Slot	Insertion Guide	Spherical Tip	Air Vent	Tip Length
Code	DRC	GDC	RC	AC	TC
Spec.	Width 0.8mm Depth 1mm * Applicable to Threaded Type only. * Applicable when B≥2.0.	Adds the insertion guide. [Ordering Code] GDC * Not applicable when L=2. * Not applicable to D=2. * Not applicable to Threaded Type.	Changes the relief to R0.5. [Ordering Code] RC * Applicable when P-D≥2. * Not applicable when L=2.	Adds an air vent. [Ordering Code] AC * Not applicable to Threaded Type. * Applicable when L≥4 or B≥4.0.	Changes tip length. [Ordering Code] TC5 (1mm Increment) * P/2≤TC≤P
Price Adder					

ex Example

Tip radius R enables smooth insertion of workpiece. Space-saving compact type with shorter mounting part (L dimension).

Designed to be used in limited spaces.