

Locating Pins - Large Head, Bullet Nose, Compact

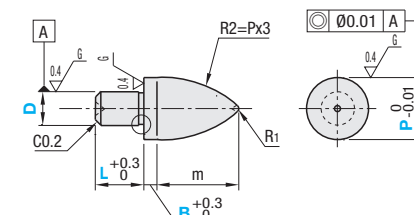
Press Fit, Threaded

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



Material No.	Material	Surface Treatment	Hardness	Type	Shape Code
①	SKS3 Equivalent	-	Treated Hardness: 60 ~ 63HRC	FPCH	A (Press Fit, m6) PA (Press Fit, p6) NA (Threaded)
②	SKS3 Equivalent	Hard Chrome Plating Plating Thickness: 3µm or more	Treated Hardness: 50 ~ 55HRC Plating Hardness: 750HV ~	GFPC	
③	SKS3 Equivalent	-	-	BFPCH	
④	SUS304	-	-	SFPCH	
⑤	SUS304	Hard Chrome Plating Plating Thickness: 3µm or more	Plating Hardness: 750HV ~	HFPC	
⑥	SUS440C Equivalent	-	Treated Hardness: 50 ~ 55HRC	CFPC	

• **Press Fit**



When D<3
a=0.5
d=D-0.1

When D≥3
a=1.0
d=D-0.2

Relief dimension is a reference value.

① $m = \sqrt{(3P-R_1)^2 - \left(\frac{5P}{2}\right)^2} + R_1$

② m dimension is the value before grinding.
Centering holes may shorten the actual length.

③ Polished, centering hole is sometimes not available for SUS304.

④ Locating Pins for Height Adjusting with shorter B fixed dimension is also available. **P1660**

Press Fit

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

Threaded

Part Number				P	L	B	R1	M	* Tightening Torque
Type	Shape Code	D	D dim. Tolerance g6	0.01mm Increment	1mm Increment	0.1mm Increment		(Coarse)	N·cm
FPCH GFPC BFPCH SFPCH HFPC CFPC	NA	3	-0.002 -0.008	3.50~6.00	2~10	1.0~5.0	1	M3	147
		4	-0.004 -0.012	4.50~7.00				M4	333
		5		5.50~8.00				M5	676
		6		-0.005 -0.014	6.50~10.00			3~10	M6
		8	9.00~13.00		M8				2803
		10	11.00~15.00		M10				5557
								2	

* Tightening torque (reference) will be within Strength Class of Tightening Torque on Technical Data **P 2297** (10.9). Not applicable when using locking materials or lock washers.

Part Number		D dim. Tolerance		P	L	B
Type	Shape Code	D	g6			
FPCH	A	3	-0.002 -0.008	P4.20	L6	B2.0
SFPCH	PA	5	-0.004 -0.012	P6.00	L4	B3.5

Press Fit

D	Unit Price					
	①SKS3 Hardened FPCHA FPCHPA	②Hard SKS3 GFPCHA GFPCHPA	③SKS3 BFPCHA BFPCHPA	④SUS304 SFPCHA SFPCHPA	⑤Hard SUS304 HFPCHA HFPCHPA	⑥SUS440C CFPCHA CFPCHPA
2						
3						
4						
5						
6						
8						
10						

Threaded

D	Unit Price					
	①SKS3 Hardened FPCHNA	②Hard SKS3 GFPCNA	③SKS3 BFPCHNA	④SUS304 SFPCHNA	⑤Hard SUS304 HFPCNA	⑥SUS440C CFPCNA
3						
4						
5						
6						
8						
10						



Alterations

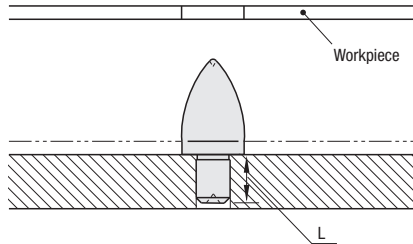


Part Number - P - L - B - (DRC, GDC, RC, AC, TC)
CFPCHPA3 - P4.00 - L4 - B1.0 - AC

Alterations	Screwdriver Slot	Insertion Guide	Sphere Tip	Air Vent	Tip Length
Code	DRC	GDC	RC	AC	TC
Spec.	Width 0.8mm Depth 1mm ① Applicable to Threaded only. ② Applicable when B≥2.0.	Adds the insertion guide. ① Ordering Code GDC ② Not applicable when L=2. ③ Not applicable to D=2. ④ Not applicable to Threaded.	Changes the relief to R0.5. ① Ordering Code RC ② Applicable when P-D≥2. ③ Not applicable when L=2.	Adds an air vent. ① Ordering Code AC ② Not applicable to Threaded. ③ Applicable when L≥4 or B≥4.0.	Changes tip length. ① Ordering Code TC5 (1mm Increment) ② P/2≤TC≤P



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.