

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	Treated Hardness: 50 ~ 55HRC Plating Hardness: 750HV ~	GFPCH	
③	SKS3 Equivalent	-	-	BFPCH	
④	SUS304	-	-	SFPCH	
⑤	SUS304	Hard Chrome Plating	Plating Hardness: 750HV ~	HFPCH	
⑥	SUS440C or 13Cr stainless	-	Treated Hardness: 50 ~ 55HRC	CFPCH	

• **Press Fit**

• **Threaded**

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 = $\sqrt{(3P-R_1)^2 - \frac{5P^2}{2}} + R_1$
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**

Part Number		D	D dim. Tolerance		P	L	B	R1
Type	Shape Code		m6	p6				
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
		3	+0.002	+0.006	3.50~6.00			
		4	+0.012	+0.020	4.50~7.00			
		5	+0.012	+0.012	5.50~8.00	3~10		
		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			

Part Number		D	D dim. Tolerance g6	P	L	B	R1	M (Coarse)	N-cm
Type	Shape Code								
FPCH GFPCH BFPCH SFPCH HFPCH CFPCH	NA	3	-0.002 -0.008	3.50~6.00	2~10	1.0~5.0	1	M3	98
		4	-0.004 -0.012	4.50~7.00					
		5	-0.004 -0.012	5.50~8.00					
		6	-0.004 -0.012	6.50~10.00	3~10				
		8	-0.005 -0.014	9.00~13.00					
		10	-0.005 -0.014	11.00~15.00					
		10	-0.005 -0.014	11.00~15.00				2	M10

*The tightening torque (ref. value) for hardened products is strength class 8.8. (See technical data on **P.2297**.) Not applicable when using locking materials or lock washers.

Part Number		D	P	L	B
Type	Shape				
FPCH	A	3	P4.20	L6	B2.0
SFPCH	PA	5	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 or 13Cr stainless CFPCHA CFPCHPA
2						
3						
4						
5						
6						
8						
10						

Threaded

D	Unit Price					
	①SKS3 Hardened FPCHNA	②Hard SKS3 GFPCHNA	③SKS3 BFPCHNA	④SUS304 SFPCHNA	⑤Hard SUS304 HFPCHNA	⑥SUS440C or 13Cr stainless 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

Alterations	Screwdriver Slot	Insertion Guide	Sphere Tip	Air Vent	Tip Length
	Code	DRC	GDC	RC	AC
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

ex Example