


# Locating Pins - Large Head, Tapered Threaded

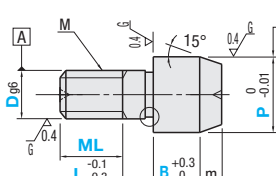
■ **Features:** Large Head, Tapered, Press Fit + Lock Nut Shape. Improved maintainability compared to Press Fit Type.



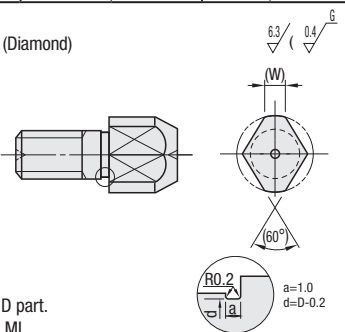
Material No.	Material	Surface Treatment	Hardness	P Selectable		P, L, B Configurable		P, L, B, ML Configurable	
				Type	Shape Code	Type	Shape Code	Type	Shape Code
(1)	SKS3 Equivalent	-	Treated Hardness: 60~63HRC	JPN	BB (Round)	FPN	A (Round) D (Diamond)	FPNL	A (Round) D (Diamond)
(2)	SKS3 Equivalent	Hard Chrome Plating	Treated Hardness: 50~55HRC / Plating Hardness: 750HV~	-		GFPN		GFPNL	
(3)	SKS3 Equivalent	-	-	-		BFPN		-	
(4)	SUS304*	-	-	SJPN		SFPN		SFPNL	
(5)	SUS304	Hard Chrome Plating	Plating Hardness: 750HV~	-		HFPN		-	
(6)	SUS40C or 13Cr stainless	-	Treated Hardness: 50~55HRC	CJPN		CFPN		CFPNL	

\* For P Selectable Type, it is SUS304 equivalent.

(Round)



(Diamond)



- Ⓜ Polished, centering hole is sometimes not available for SUS304.
- Ⓜ SUS40C or 13Cr stainless has an identification groove at any position on D part.
- Ⓜ When L < Pitch x 2, the incomplete threaded portion (Pitch x 2) is included in ML.

Coarse Thread Pitch Dims. **P.2360**

## ■ P Selectable

Type	Part Number Shape	D	D dim. Tolerance g6	P Selection						L	B	ML	M (Coarse)	*Tightening Torque N·cm	m	(W)	
				3.5	4	4.5	5	6	7								8
JPN SJPN CJPN	BB (Round)	3	-0.002 -0.008							2	5	4.5	3	98	2	1.5	
		4									6	6	4	225		1.8	
		5	-0.004 -0.012									3	7.5	5	461	3	2.2
		6										8	9	6	784		3
		8	-0.005 -0.014									5	12	8	1911		3.5
		10										10	15	10	3783	4	4

## ■ P, L, B Configurable

Type	Part Number Shape	D	D dim. Tolerance g6	P	L	B	ML	M (Coarse)	*Tightening Torque N·cm	m	(W)
				0.01mm Increment	1mm Increment	0.1mm Increment					
FPN GFPN BFPN SFPN HFPN CFPN	A (Round) D (Diamond)	3	-0.002 -0.008	3.50~8.00	2~6	1.0~10.0	4.5	3	98	2	1.5
		4		4.50~8.00	2~8	1.0~10.0	6	4	225		1.8
		5	-0.004 -0.012	5.50~8.00	3~10	1.0~15.0(10.0)	7.5	5	461	3	2.2
		6		6.50~10.00	3~10	1.0~15.0	9	6	784		3
		8	-0.005 -0.014	8.50~15.00	5~10	1.0~30.0(15.0)	12	8	1911		3.5
		10		11.00~17.00	5~15	3.0~30.0(25.0)	15	10	3783	4	4
		12	-0.006 -0.017	13.00~20.00(18.00)	5(8)~15	3.0~30.0(25.0)	18	12	6605		5
		16		17.00~27.00	5(8)~20	5.0~30.0	24	16	16366		7
		20	-0.007 -0.020	22.00~30.00	5(10)~20	5.0~30.0	30	20	32928	5	9

Ⓜ P, L, B dimensions in ( ) are applicable to Diamond Shape.

■ **P, L, B, ML Configurable** Thread length (ML) is configurable within the range between Mx1 and Mx3 (max.).

Type	Part Number Shape	D	D dim. Tolerance g6	P	L	B	ML	M (Coarse)	*Tightening Torque N·cm	m	(W)
				0.01mm Increment	1mm Increment	0.1mm Increment	1mm Increment				
FPNL GFPNL SFPNL CFPNL	A (Round) D (Diamond)	3	-0.002 -0.008	3.50~6.00	2~6	1.0~10.0	3~9	3	98	2	1.5
		4		4.50~7.00	2~8	1.0~10.0	4~12	4	225		1.8
		5	-0.004 -0.012	5.50~8.00	3~10	1.0~10.0	5~15	5	461	3	2.2
		6		6.50~10.00	3~10	1.0~12.0	6~18	6	784		3
		8	-0.005 -0.014	9.00~13.00	5~10	1.0~15.0	8~24	8	1911		3.5
		10		11.00~15.00	5~15	3.0~20.0	10~30	10	3783	4	4
		12	-0.006 -0.017	13.00~18.00	8~15	3.0~20.0	12~30	12	6605		5
		16		17.00~25.00	8~20	5.0~20.0	16~40	16	16366		7
		20	-0.007 -0.020	22.00~30.00	10~20	5.0~20.0	20~40	20	32928	5	9

\* 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.