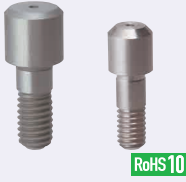


Locating Pins - Large Flat Head Threaded

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



RoHS 10

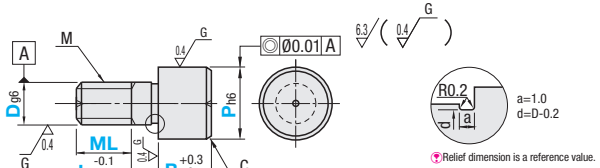
Material No.	Material	Surface Treatment	Hardness	Type		
				P Selectable	P, L, B Configurable	P, L, B, ML Configurable
(1)	SKS3 Equivalent	-	Treated Hardness: 60~63HRC	JPFNB	FPFNA	FPFNLA
(2)	SKS3 Equivalent	Hard Chrome Plating	Treated Hardness: 50~55HRC Plating Hardness: 750HV -	-	GFPFNA	GFPFNLA
(3)	SKS3 Equivalent	-	-	-	BFPFNA	-
(4)	SUS304*	-	-	SJPFNB	SFPFNA	SFPFNLA
(6)	SUS440C or 13Cr stainless	-	Treated Hardness: 50~55HRC	CJPFNB	CFPFNA	CFPFNLA

* For P Selectable Type, it is SUS304 equivalent.

■ P dim. Tolerance Table

P	h6
3.50-6.00	0 -0.008
6.01-10.00	0 -0.009
10.01-18.00	0 -0.011
18.01-30.00	0 -0.013

- Polished, centering hole is sometimes not available for SUS304.
- SUS440C or 13Cr stainless has an identification groove at any position on D part.



■ P Selectable

Part Number		P Selection			L	B	C	M (Coarse)	* Tightening Torque N·cm	ML	
Type	D	D dim. Tolerance g6	4	5	6						
JPFNB SJPFNB CJPFNB	3	-0.002 -0.008	4	5	6	2	3	0.5	M3	98	4.5
	4	-0.004 -0.012	5 6 8			3	4	1	M4	225	6
	5		6 8 9						M5	461	7.5
	6	-0.005 -0.014	8 9 10			5	6	1.5	M6	784	9
	8		9 10 12 13						M8	1911	12

■ P, L, B Configurable

Part Number		P	L	B	C	M (Coarse)	* Tightening Torque N·cm	ML	
Type	D	D dim. Tolerance g6	0.01mm Increment	1mm Increment	0.1mm Increment				
FPFNA GFPFNA BFPFNA SFPFNA CFPFNA	3	-0.002 -0.008	3.50~8.00	2~6	3.0~10.0	0.5	M3	98	4.5
	4	-0.004 -0.012	4.50~8.00	2~8	4.0~10.0	1	M4	225	6
	5		5.50~8.00	3~10	4.0~15.0		M5	461	7.5
	6	-0.005 -0.014	6.50~10.00	3~10	4.0~15.0	1.5	M6	784	9
	8		8.50~15.00	5~10	5.0~30.0		M8	1911	12
	10	-0.006 -0.017	11.00~17.00	5~15	6.0~30.0	2	M10	3783	15
	12		13.00~20.00	5~15	6.0~30.0		M12	6605	18
	16	-0.007 -0.020	17.00~27.00	5~20	7.0~30.0	3	M16	16366	24
	20		22.00~30.00	5~20	10.0~30.0		M20	32928	30

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

Part Number		P	L	B	ML	C	M (Coarse)	* Tightening Torque N·cm	
Type	D	D dim. Tolerance g6	0.01mm Increment	1mm Increment	0.1mm Increment	1mm Increment			
FPFNLA GFPFNLA SFPFNLA CFPFNLA	3	-0.002 -0.008	3.50~6.00	2~6	3.0~10.0	3~9	0.5	M3	98
	4	-0.004 -0.012	4.50~7.00	2~8	4.0~10.0	4~12	1	M4	225
	5		5.50~8.00	3~10	4.0~10.0	5~15		M5	461
	6	-0.005 -0.014	6.50~10.00	3~10	4.0~12.0	6~18	1.5	M6	784
	8		9.00~13.00	5~10	5.0~15.0	8~24		M8	1911
	10	-0.006 -0.017	11.00~15.00	5~15	6.0~20.0	10~30	2	M10	3783
	12		13.00~16.00	8~15	6.0~20.0	12~30		M12	6605
	16	-0.007 -0.020	17.00~25.00	8~20	7.0~20.0	16~40	3	M16	16366
	20		22.00~30.00	10~20	10.0~20.0	20~40		M20	32928

* The tightening torque (ref. value) for hardened products is strength class 8.8. (See technical data on P2365.) Not applicable when using locking materials or lock washers.



Ordering Example

Part Number	P	L	B	ML
JPFNB3	- 5			
FPFNA5	- P7.80	- L8	- B4.0	
FPFNLA8	- P10.00	- L5	- B5.0	- ML8