

Locating Pins - Large Head, Tapered Threaded

RoHS

Material No.	Material	Surface Treatment	Hardness	P Selectable Type	P Configurable Type	P, L, B Configurable Type	P, L, B, ML Configurable Type
①	01 Tool Steel	-	Treated Hardness: 60~63HRC	JPN	JPN	FPN	FPNL
②	01 Tool Steel	Hard Chrome Plating: Plating Thickness 3μm or more	Hardness: 50~55HRC Plating Hardness: 750HV~	-	GJPN	GFPN	GFPNL
③	01 Tool Steel	-	-	-	-	-	-
④	304 Stainless Steel	-	-	SJPN	SJPN	SFPN	SFPNL
⑤	304 Stainless Steel	Hard Chrome Plating: Plating Thickness 3μm or more	Plating Hardness: 750HV~	-	HJPN	HFPN	-
⑥	440C Stainless Steel	-	Treated Hardness: 50~55HRC	CJPN	CJPN	CFPN	CFPNL

⚠ Some combinations are not available. Refer to the price list to select the available combination.

(Round)

(Diamond)

⚠ 440C Stainless Steel has an identification groove on D part.
⚠ When L<Pitchx2, the incomplete threaded portion (Pitchx2) is included in ML. Coarse Thread Pitch Dia. **P1998**

P Selectable

Part Number				P								L	B	ML	M (Coarse)	m	(W)
Type	Shape	D	D Tolerance g6														
JPN SJP CJP	BB (Round)	3	-0.002 -0.008	3.5	4	4.5	5	6		2	5	4.5	3	2	1.5		
		4	-0.004 -0.012	4.5	5	6	7		6	6	4	1.8					
		5		6	7	8		7.5	5	3	2.2						
		6	-0.005 -0.014	7	8	9	10		8	9	6	3	3				
		8		9	10	11	12	13		12	8	4	3.5				
		10		11	12	13		10	15	10	4	4					

P Configurable

Part Number				P	L	B	ML	M (Coarse)	m	(W)
Type	Shape	D	D Tolerance g6	0.01mm Increment						
JPN GJP SJP HJP CJP	A (Round) D (Diamond)	3	-0.002 -0.008	3.50~ 6.00	2	5	4.5	3	2	1.5
		4	-0.004 -0.012	4.50~ 7.00		6	6	4	1.8	
		5		5.50~ 8.00	3		7.5	5	2.2	
		6	6.50~10.00	8		9	6	3		
		8	-0.005 -0.014		9.00~13.00	5	12	8	3.5	
		10	11.00~15.00	10	15		10	4		
		12	-0.006 -0.017		13.00~18.00	18	12	5		
		16	17.00~25.00	8	24	16	7			
		20	-0.007 -0.020		22.00~30.00	10	15	30	20	5

P, L, B Configurable

Part Number				P	L	B	ML	M	m	(W)
Type	Shape	D	D Tolerance g6	0.01mm Increment	1mm Increment	0.1mm Increment		(Coarse)		
FPN GFPN BFPN SFPN HFPN CFPN	A (Round) D (Diamond)	3	-0.002 -0.008	3.50~ 6.00	2~ 6	1.0~10.0	4.5	3	2	1.5
		4	-0.004 -0.012	4.50~ 7.00	2~ 8	1.0~10.0	6	4	3	1.8
		5	-0.004 -0.012	5.50~ 8.00	3~10	1.0~10.0	7.5	5	3	2.2
		6	-0.005 -0.014	6.50~10.00	3~10	1.0~12.0	9	6	3	3
		8	-0.005 -0.014	9.00~13.00	5~10	1.0~15.0	12	8	4	3.5
		10	-0.006 -0.017	11.00~15.00	5~15	3.0~20.0	15	10	4	4
		12	-0.006 -0.017	13.00~18.00	8~15	3.0~20.0	18	12	5	5
		16	-0.007 -0.020	17.00~25.00	8~20	5.0~20.0	24	16	7	7
		20	-0.007 -0.020	22.00~30.00	10~20	5.0~20.0	30	20	9	9

P, L, B, ML Configurable Thread length (ML) is configurable between Mx1~Mx3 (max.).

Part Number		D		D Tolerance g6		P		L	B	ML	M (Coarse)	m	(W)
Type	Shape	D	D Tolerance g6	P		L	B	ML	M (Coarse)	m	(W)		
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	2	1.5
		4	-0.004 -0.012	4.50~	7.00	2~	8	1.0~10.0	4~	12	4	1.8	
		5	-0.004 -0.012	5.50~	8.00	3~	10	1.0~10.0	5~	15	5	3	2.2
		6	-0.005 -0.014	6.50~	10.00	3~	10	1.0~12.0	6~	18	6	3	
		8	-0.005 -0.014	9.00~	13.00	5~	10	1.0~15.0	8~	24	8	3.5	
		10	-0.006 -0.017	11.00~	15.00	5~	15	3.0~20.0	10~	30	10	4	
		12	-0.006 -0.017	13.00~	18.00	8~	15	3.0~20.0	12~	30	12	5	
		16	-0.007 -0.020	17.00~	25.00	8~	20	5.0~20.0	16~	40	16	7	
		20	-0.007 -0.020	22.00~	30.00	10~	20	5.0~20.0	20~	40	20	9	

* Tightening torque will be within Strength Class of 10.9 as indicated in the Technical Data (Ref. MISUMI 2011 catalog P3549). *Not applicable when using locking adhesives or lock washers.



Ordering Example

Part Number		D		D Tolerance g6		P		L	B	ML	M (Coarse)	m	(W)
Type	Shape	D	D Tolerance g6	P		L	B	ML	M (Coarse)	m	(W)		
JPN	A	3	-	5.20									
FPN	A	5	-	P6.00		L5	-	B4.0					
FPNL	A	8	-	P9.51		L8	-	B4.0	-	ML8			



Days to Ship

[Configure Online](#)

P Selectable

Unit Price		Round Shape		Diamond Shape	
D	Unit Price	① 01 Tool Steel Hardened JPNBB	③ 304 Stainless Steel SJPBB	⑥ 440C Stainless Steel CJPBB	
3					
4					
5					
6					
8					
10					



Price [Configure Online](#)

P Configurable

D	Unit Price									
	Round Shape					Diamond Shape				
	①01 Tool Steel Hardened JPNA	②01 Tool Steel Hardened GJPNA	④304 Stainless Steel SJPNA	⑤Hard 304 Stainless Steel HJPNA	⑥440C Stainless Steel CJPNA	①01 Tool Steel Hardened JPND	②01 Tool Steel Hardened GJPND	④304 Stainless Steel SJPND	⑤Hard 304 Stainless Steel HJPND	⑥440C Stainless Steel CJPND
3									-	-
4									-	-
5									-	-
6									-	-
8									-	-
10									-	-
12									-	-
16									-	-
20									-	-

P, L, B Configurable

D	Unit Price											
	Round Shape						Diamond Shape					
	①01 Tool Steel Hardened FPNA	②01 Tool Steel (Hardened) GFPNA	③01 Tool Steel BFPNA	④304 Stainless Steel SFPNA	⑤Hard 304 Stainless Steel HFPNA	⑥440C Stainless Steel CFPNA	①01 Tool Steel Hardened FPND	②01 Tool Steel (Hardened) GFPND	③01 Tool Steel BFPND	④304 Stainless Steel SFPND	⑤Hard 304 Stainless Steel HFPND	⑥440C Stainless Steel CFPND
3									-			
4									-			
5									-			
6									-			
8									-			
10									-			
12									-			
16									-			
20									-			

P, L, B, ML Configurable

D	Unit Price							
	Round Shape				Diamond Shape			
	①01 Tool Steel Hardened FPNLA	②01 Tool Steel Hardened GFPNLA	④304 Stainless Steel SFPNLA	⑥440C Stainless Steel CFPNLA	①01 Tool Steel Hardened FPNLD	②01 Tool Steel Hardened GFPNLD	④304 Stainless Steel SFPNLD	⑥440C Stainless Steel CFPNLD
3								-
4								-
5								-
6								-
8								-
10								-
12								-
16								-
20								-

Price of P, L, B, ML Configurable Type

ML	Price
Mx1≤ML<Mx1.5	-
Mx1.5≤ML<Mx2	-
Mx2≤ML<Mx2.5	-
Mx2.5≤ML≤Mx3	-



Example

⚠ For P, L, B, ML Configurable Type, the thread length is adjustable depending on environment and application.

