


Locating Pins (Small Flat Head)

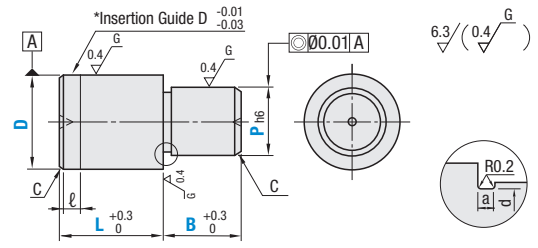
Locating Pins – Small Flat Head



Alteration CN

RoHS10

Material No.	Material	Surface Treatment	Hardness	Type			D Tolerance Code
				P Selectable	P Configurable	P, L, B Configurable	
(1)	O1 Tool Steel Equivalent	—	Treated Hardness: 60–63 HRC min.	JPDB	JPDS	FPDS	C m6 PC p6
(2)	O1 Tool Steel Equivalent	Hard Chrome Plating	Hardness: 50–55 HRC min. Plating Hardness: 750 HV min.	—	GJPDS	GFPDS	
(3)	SKS3 Tool Steel or Equiv.	—	—	—	BJPDS	BFPDS	
(4)	304 Stainless Steel Equivalent	—	—	SJPDB	SJPDS	SFPDS	
(5)	304 Stainless Steel Equivalent	Hard Chrome Plating	Plating Hardness: 750 HV min.	—	HJPDS	HFPDS	
(6)	440C or 420 Stainless Steel	—	Treated Hardness: 50–55 HRC min.	CJPDB	CJPDS	CFPDS	



* The insertion guide is applicable to tolerance p6 only. 440C or 420 Stainless Steel has an identification groove on D part.
 Ⓞ Polished, centering hole is sometimes not available for 304 Stainless Steel.

P Tolerance Table

P	h6
1.50–3.00	0 -0.006
3.01–6.00	0 -0.008
6.01–10.00	0 -0.009
10.01–18.00	0 -0.011
18.01–20.00	0 -0.013

P Selectable

Part Number		D Tolerance		P	L	B	ℓ	C	
Type	D Tolerance	m6	p6						
JPDB SJPDB CJPDB	C m6 PC p6	3	+0.008 +0.002	2	5	3	1	0.1	
		4	+0.012 +0.004	2 3					
		5		2 3 4					
		6	3 4 5						
		8	+0.015 +0.006	+0.024 +0.015	4 5 6	12	4	2	1
		10	5 6 7 8						
16	+0.018 +0.007	+0.029 +0.018	10 13	22	12	3			

P Configurable

Part Number		D Tolerance		P 0.01 mm Increment	L	B	ℓ	C	
Type	D Tolerance	m6	p6						
JPDS GJPDS BJPDS SJPDS HJPDS CJPDS	C m6 PC p6	2	+0.008 +0.002	1.50–2.00	4	3	1	0.1	
		3	+0.012 +0.004	1.50–3.00					
		4		2.00–4.00					
		5	2.00–5.00						
		6	2.00–6.00						
		8	+0.015 +0.006	+0.024 +0.015	3.00–8.00	12	4	2	1
		10	3.00–10.00						
		12	5.00–12.00						
		13	+0.018 +0.007	+0.029 +0.018	6.00–13.00	22	10	3	1.5
		16	6.00–13.00						
20	+0.021 +0.008	+0.035 +0.022	10.00–16.00	30	20	3	2		
13	10.00–16.00								
16	10.00–16.00								
20	13.00–20.00								

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continued

P, L, B Configurable

Part Number		D Tolerance		P 0.01 mm Increment	L 1 mm Increment	B 0.1 mm Increment	I	C	
Type	D Tolerance	m6	p6						
FPDS GFPDS BFPDS SFPDS HFPDS CFPDS	C m6 PC p6	2	+0.008 +0.002	1.50–2.00	2–5	3.0–10.0	0	0.1	
		3	+0.012 +0.004	1.50–3.00	3–10	3.0–10.0			
		4		1.50–4.00	4–10	4.0–10.0			
		5	2.00–5.00	5–10	4.0–15.0				
		6	2.00–6.00	5–17	4.0–15.0				
		8	+0.015 +0.006	+0.024 +0.015	3.00–8.00	8–21	6.0–20.0	1	0.5
		10	3.00–10.00	10–23	6.0–20.0				
		12	5.00–12.00	12–24	6.0–30.0				
		13	+0.018 +0.007	+0.029 +0.018	6.00–13.00	13–26	6.0–30.0	2	1
		16	6.00–13.00	16–32	7.0–30.0				
20	+0.021 +0.008	+0.035 +0.022	10.00–16.00	20–40	7.0–30.0				

Part Number Example

Part Number - P - L - B

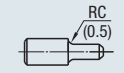

JPDS4 - 2.55
 FPDS4 - P2.01 - L6 - B5.5

Part Number Alterations

Part Number - P - L - B - (RC, CN)

FPDS4 - P2.00 - L6 - B5.5 - RC

⊗ Alteration is not available for P Selectable Type.

Alterations	Spherical Tip	C Chamfered Size
	 <p>RC (0.5)</p>	 <p>C0.5 or less</p>
Code	RC	CN
Spec.	Changes the relief to R0.5. Ordering Code: RC ⊗ Applicable when D-P≥2.	Changes C Chamfering at P dimension part to 0.5 or less. Ordering Code: CN ⊗ Not applicable to D dimension part. ⊗ Applicable when D≥8.