

Locating Pins (Small Flat Head)

with Tapped Shank

Locating Pins – Small Flat Head with Tapped Shank



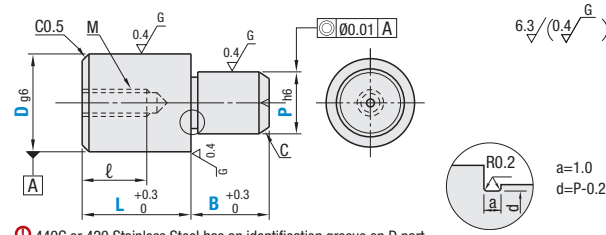
RoHS10

(Alteration CN)

Material No.	Material	Surface Treatment	Hardness	Type		
				P Selectable	P Configurable	P, L, B Configurable
(1)	O1 Tool Steel Equivalent	—	Treated Hardness: 60–63 HRC min.	JPDSTB	JPDSTC	FPDSTC
(2)	O1 Tool Steel Equivalent	Hard Chrome Plating	Hardness: 50–55 HRC min. Plating Hardness: 750 HV min.	—	—	GFPDSTC
(4)	304 Stainless Steel Equivalent	—	—	SJPDSTB	SJPDSTC	SFPDSTC
(6)	440C or 420 Stainless Steel	—	Treated Hardness: 50–55 HRC min.	—	CJPDSTC	CFPDSTC

P Tolerance Table

P	h6
4.00–6.00	0 -0.008
6.01–10.00	0 -0.009
10.01–18.00	0 -0.011
18.01–20.00	0 -0.013



- ① 440C or 420 Stainless Steel has an identification groove on D part.
- ② Polished, centering hole is sometimes not available for 304 Stainless Steel.

P Selectable

Part Number		D Tolerance g6	P	L	B	M (Coarse)	ℓ	C
Type	D							
JPDSTB SJPDSTB	6	-0.004 -0.012	4	10	3	M3	5	0.5
	8	-0.005 -0.014	6	12	4	M4	6	1
	10	-0.005 -0.014	8	16	5	M5	8	1.5
	12	-0.006 -0.017	10	20	6	M5	8	1.5
	16	-0.006 -0.017	10 14	24	10	M8	12	3

P Configurable

Part Number		D Tolerance g6	P 0.01 mm Increment	L	B	M (Coarse)	ℓ	C
Type	D							
JPDSTC SJPDSTC CJPDSTC	6	-0.004	4.00–6.00	10	3	M3	5	0.5
	6T	-0.012				M2.6	4	
	8	-0.005	6.00–8.00	12	4	M4	6	1
	10	-0.014	7.00–10.00	16	5	M5	8	
	12	-0.006	7.00–12.00	20	6	M8	12	3
	13	-0.017	8.00–13.00	22	10			
	16	-0.007	10.00–16.00	24	10	M8	12	3
	20	-0.020	13.00–20.00	32	20			

Locating Pins (Small Flat Head)

with Tapped Shank, *continued*

P, L, B Configurable

Part Number		D Tolerance g6	P 0.01 mm Increment	L 1 mm Increment	B 0.1 mm Increment	M (Coarse)	ℓ	C
Type	D							
FPDSTC GFPDSTC SFPDSTC CFPDSTC	6	-0.004 -0.012	4.00–6.00	8–17	2.0–15.0	M3	5	0.5
	6T					M2.6	4	
	8	-0.005 -0.014	6.00–8.00	11–21	2.0–30.0	M4	6	1
	10					M5	8	
	10T					M4	6	
	12					M5	8	
	12T	-0.006 -0.017	7.00–12.00	12–24	3.0–30.0	M4	6	1.5
	13					M8	10	
	13T					M6	9	
	16					M8	12	
	16T	-0.007 -0.020	8.00–13.00	10–20	5.0–30.0	M6	9	2
	20					M6	9	
	20T					M8	12	
	20T					M6	9	

- ① Pins with D value ending in T (ex. 10T) have one size smaller thread diameter and larger wall thickness. (Actual D dimension is the number without "T".)
- ② Note the strength of under-head part. P.1542
- ③ Please confirm pilot hole depth on P.1542. Holes may go through.
- * The tightening torque (ref. value) for hardened products is strength class 8.8. (See technical data on MISUMI 2019 catalog P.4015).
- * Not applicable when using locking adhesives or lock washers.

Part Number Example

Part Number - P - L - B

JPDSTC6 - 4.00

FPDSTC6 - P4.00 - L10 - B5.5

Part Number Alterations

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

FPDSTC6 - P4.00 - L10 - B5.5 - RC

⊗ Alteration is not available for P Selectable Type.

Alterations	Spherical Tip	C Chamfered Size	Hex Socket Machining	Wrench Hole Machining																																																																
	Code	RC	CN	RAC	LAC																																																															
Spec.	Changes the relief to R0.5. Ordering Code: RC ① Applicable when D-P≥2. ⊗ Combination with LAC is not available.	Changes C Chamfering at P dimension part to 0.5 or less. Ordering Code: CN ⊗ Not applicable to D dimension part. ① Applicable when D≥8.	Machines hex socket. Ordering Code: RAC <table border="1"> <thead> <tr> <th rowspan="2">D</th> <th colspan="2">Applicable Dimension</th> <th colspan="2">Hex Hole Dimension</th> </tr> <tr> <th>P</th> <th>B</th> <th>E</th> <th>S</th> </tr> </thead> <tbody> <tr> <td>8</td> <td>7.00~</td> <td>9.0~</td> <td>2</td> <td>3</td> </tr> <tr> <td>10, 10T</td> <td>8.00~</td> <td rowspan="2">10.0~</td> <td>2.5</td> <td>4</td> </tr> <tr> <td>12, 12T</td> <td>8.00~</td> <td>3</td> <td>5</td> </tr> <tr> <td>13, 13T</td> <td>11.00~</td> <td rowspan="2">10.0~</td> <td>4</td> <td>6</td> </tr> <tr> <td>16, 16T</td> <td>14.00~</td> <td>4</td> <td>6</td> </tr> <tr> <td>20, 20T</td> <td>15.00~</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> ① Applicable when D≥8. ② Applicable to P, L and B Dimension Configurable Type only. ⊗ Combination with LAC is not available.	D	Applicable Dimension		Hex Hole Dimension		P	B	E	S	8	7.00~	9.0~	2	3	10, 10T	8.00~	10.0~	2.5	4	12, 12T	8.00~	3	5	13, 13T	11.00~	10.0~	4	6	16, 16T	14.00~	4	6	20, 20T	15.00~				Machines wrench hole. Ordering Code: LAC <table border="1"> <thead> <tr> <th rowspan="2">D</th> <th rowspan="2">Applicable Dimension B</th> <th colspan="2">Wrench Hole Dimension</th> </tr> <tr> <th>P</th> <th>Q</th> </tr> </thead> <tbody> <tr> <td>8</td> <td rowspan="3">8.0~</td> <td>6.00–9.99</td> <td>2</td> </tr> <tr> <td>10, 10T</td> <td>10.00–15.99</td> <td>3.5</td> </tr> <tr> <td>12, 12T</td> <td>16.00~</td> <td>5</td> </tr> <tr> <td>13, 13T</td> <td rowspan="2">9.0~</td> <td></td> <td></td> </tr> <tr> <td>16, 16T</td> <td></td> <td></td> </tr> <tr> <td>20, 20T</td> <td>10.0~</td> <td></td> <td></td> </tr> </tbody> </table> ① Applicable when D≥8. ② Applicable to P, L and B Dimension Configurable Type only. ⊗ Combination with RC and RAC is not available.	D	Applicable Dimension B	Wrench Hole Dimension		P	Q	8	8.0~	6.00–9.99	2	10, 10T	10.00–15.99	3.5	12, 12T	16.00~	5	13, 13T	9.0~			16, 16T			20, 20T	10.0~		
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