

Height Adjusting Pins

Hex Small Head / Height Adjusting Pins / Height Adjusting Caps

■ **Features:** Small Head Height Adjusting Pins are useful if the receiving surface is limited. Height Adjusting Pins support deflection by the workpiece weight.

■ **Height Adjusting Pins**

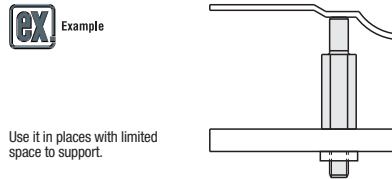
Material	Hardness	Type
SCM435	Treated Hardness: 46 ~ 50HRC	JPSRA

L	Tolerance
5.00~50.00	+0.01 0
50.01~100.00	+0.02 0

Part Number Type	G	L 0.01mm Increment	P 0.5mm Increment	B 0.1mm Increment	F 1mm Increment	D(M)	(C)	Unit Price
JPSRA	8	5.00~50.00	3.0~5.0	2.0~30.0 (B≤P x4.0)	2~4 or 0	5	11.5	
	10	5.00~60.00	4.0~6.0		2~5 or 0			
	13	5.00~80.00	4.0~8.0		2~6 or 0			
	17	10.00~80.00	5.0~10.0		2~8 or 0			
	19	10.00~100.00	5.0~12.0	2~10 or 0	8	19.6	21.9	

⚠ When F=0, a relief will be added at the neck of thread.

Ordering Example: Part Number - L - P - B - F
 Example: JPSRA17 - L12.00 - P8.0 - B3.5 - F4



■ **Height Adjusting Pins**

Material	Surface Treatment	Hardness	Type
SCM435	-	Treated Hardness: 46 ~ 50HRC	JPTU
	Black Oxide	Treated Hardness: 46 ~ 50HRC	BJPTU
	Hard Chrome Plating	Treated Hardness: 46 ~ 50HRC Plating Hardness: 750HV ~	HJPTU SJPTU
SUS304	-	-	-

Part Number Type	B	L 1mm Increment	F 1mm Increment	M (Coarse)	Tightening Torque N·cm	R	(ℓ)	(C)	Unit Price
JPTU	10	10~30	6~18	M6	784	4	6	11.5	
BJPTU	13	10~32				6	7	15.0	
HJPTU	17	15~50	8~24	M8	1911	7	10	19.6	
SJPTU	19	15~50				9	10	21.9	

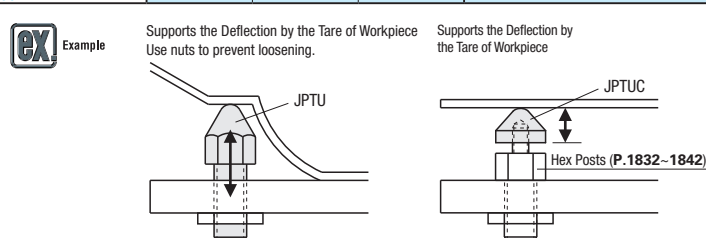
*The tightening torque (ref. value) for hardened products is strength class 8.8. (See technical data on P. 2297.) Not applicable when using locking materials or lock washers.

■ **Height Adjusting Caps**

Material	Operating Ambient Temperature	Type
Polyacetal (Black)	-45 ~ 95°C	JPTUC

Part Number Type	D	L 1mm Increment	M (Coarse)	R	(ℓ)	Unit Price
JPTUC	6	10~30	M3	3	1	
	7			3		
	8	15~50	M5	4		
	10			5		
13	20~60	M8	6	3		

Ordering Example: Part Number - L - F
 Example: JPTU10 - L15 - F8
 Example: JPTUC13 - 25



HOLDERS FOR LOCATING PINS

Standard, Compact Flange

■ **Features:** Use in combination with Locating Pins Set Screw Type (P.1624, etc.) and Internal Thread Type (P.1577, etc.) enables locating at higher position.

■ **Standard**

Material	Surface Treatment	Set Screw Mounted	Screw Mounted
S45C	Black Oxide	M-LPHT	M-LPHB

• **Set Screw Mounted**

• **Screw Mounted**

■ **Set Screw Mounted and Screw Mounted**

Part Number Type	P	L 0.1mm Increment	D	V	p1	p2	*A	M (Coarse)	X	N	P.C.D.	H	Unit Price
(Set Screw Mounted) M-LPHT	6	20.0~100.0	12	12	3.5	6.5	10	M3	4.5	4.5	30	39	Min. L - 100.0
	8	25.0~100.0	15	15	5.5	9.5	15	5	5.5				34
	10	30.0~100.0	17							20	22	M4	
	12		18	24	32	49	63						
(Screw Mounted) M-LPHB	13	40.0~150.0	20	20	9	14	22	M4	7	6.5	43	53	
	16	40.0~150.0	27										24
	20	45.0~200.0	32										

* When using with Locating Pins, L dimension (under-head length) ≤ A dimension (shown above).

■ **Compact Flange**

Material	Surface Treatment	Set Screw Mounted	Screw Mounted
S45C	Black Oxide	LPHT	LPHB

• **Set Screw Mounted**

• **Screw Mounted**

■ **Set Screw Mounted and Screw Mounted**

Part Number Type	P	L 0.1mm Increment	D	V	*p1	p2	*A	M (Coarse)	X	N	Q	H	W	Unit Price
(Set Screw Mounted) LPHT	6	20.0~150.0	12	12	3.5	6.5	10	M3	4.5	4.5	30	39	13	
	8	25.0~150.0	15	15	5.5	9.5	15	5	5.5				34	44
	10	30.0~150.0	17							20	22	M4		
	12		18	24	32	49	63	33						
(Screw Mounted) LPHB	13	40.0~150.0	20	20	9	14	22	M4	7	6.5	43	53	21	
	16	40.0~150.0	27										24	32
	20	45.0~200.0	32											

* When using with Locating Pins, L dimension (under-head length) ≤ A dimension (shown above). * For P=6, p1 of L>100 is 5; for P=8, 10 and 12, p1 of L>100 is 7.

Ordering Example: Part Number - L
 Example: LPHT8 - L30.0

