


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.

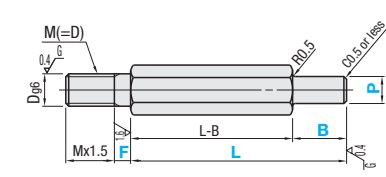


Height Adjusting Pins

RoHS10

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

$6.3 / (1.6 / 0.4 / 6)$

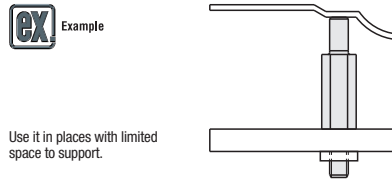



L	Tolerance
5.00~50.00	+0.01 0
50.01~100.00	+0.02 0

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	9.2	
	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			

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

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



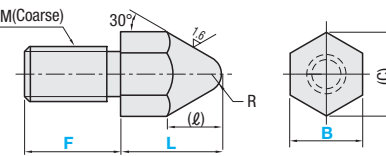


Height Adjusting Pins

RoHS10


Material	Surface Treatment	Hardness	Type
SCM435	-	Treated Hardness: 46 ~ 50HRC	JPTU
	Black Oxide	Treated Hardness: 46 ~ 50HRC	BJPTU
	Hard Chrome Plating Plating Thickness: 3um or more	Treated Hardness: 46 ~ 50HRC Plating Hardness: 750HV ~	HJPTU
SUS304	-	-	SJPTU

$6.3 / (1.6 /)$



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	1156	4	6	11.5	
BJPTU	13	10~32				6	7	15.0	
HJPTU	17	15~50	8~24	M8	2803	7	10	19.6	
SJPTU	19	15~50				9	10	21.9	

*Tightening torque (reference) will be within Strength Class of Tightening Torque on Technical Data of P.2297 (10.9). Not applicable when using locking materials or lock washers.

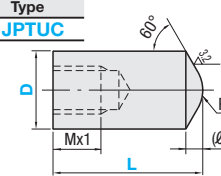


Height Adjusting Caps

RoHS10

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

$6.3 / (3.2 /)$

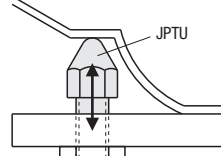


Part Number Type	D	L 1mm Increment	M (Coarse)	Tightening Torque N·cm	R	(ℓ)	Unit Price
JPTUC	6	10~30	M3	147	3	1	
	7						
	8	15~50	M5	676	4	2	
	10						
	13						
	20~60	M8	2803	6	3		

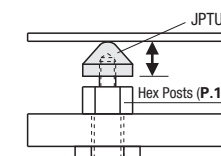
*Tightening torque (reference) will be within Strength Class of Tightening Torque on Technical Data of P.2297 (10.9). Not applicable when using locking materials or lock washers.

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

Example



Supports the Deflection by the Tare of Workpiece
Use nuts to prevent loosening.




Supports the Deflection by the Tare of Workpiece
Hex Posts (P.1832~1842)

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

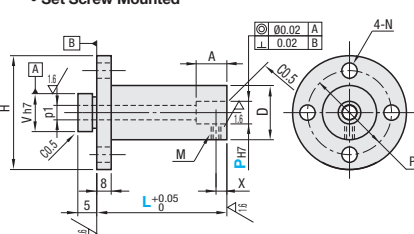


RoHS10

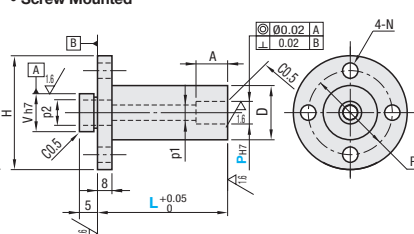
Material	Surface Treatment	Set Screw Mounted	Screw Mounted
S45C	Black Oxide	M-LPHT	M-LPHB

$2.5 / (1.6 /)$

• Set Screw Mounted



• Screw Mounted




Part Number Type	P	L 0.1mm Increment	D	V	p1	p2	A	M (Coarse)	Tightening Torque N·cm	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	147	4.5	4.5	30	39	Min. L ~ 100.0
	8	25.0~100.0	15				15			5				L100.1~150.0
	10	30.0~100.0	17	15	5.5	9.5	16				5.5	34	44	L150.1~200.0
	12		18				20							
(Screw Mounted) M-LPHB	13		20				22	M4	333	7		43	53	
	16	40.0~150.0	27	20	9	14	24				6.5	49	63	
	20	45.0~200.0	32				32							

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

* Tightening torque (reference) will be within Strength Class of Tightening Torque on Technical Data of P.2297 (10.9). Not applicable when using locking materials or lock washers.

Compact Flange

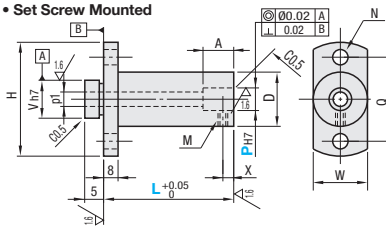


RoHS10

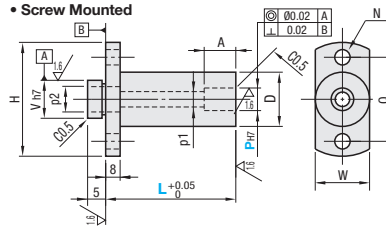
Material	Surface Treatment	Set Screw Mounted	Screw Mounted
S45C	Black Oxide	LPHT	LPHB

$2.5 / (1.6 /)$

• Set Screw Mounted



• Screw Mounted



* When P dimension 6~12 with L>100, concentricity is 0.05 and L dimension tolerance is +0.1.

Part Number Type	P	L 0.1mm Increment	D	V	*p1	p2	*A	M (Coarse)	Tightening Torque N·cm	X	N	Q	H	W	Unit Price
(Set Screw Mounted) LPHT	6	20.0~150.0	12	12	3.5	6.5	10	M3	147	4.5	4.5	30	39	13	Min. L ~ 100.0
	8	25.0~150.0	15				15			5				16	L100.1~150.0
	10	30.0~150.0	17	15	5.5	9.5	16				5.5	34	44	18	L150.1~200.0
	12		18				20							19	
(Screw Mounted) LPHB	13	40.0~150.0	20				22	M4	333	7		43	53	21	
	16	45.0~200.0	27	20	9	14	24				6.5	49	63	28	
	20		32				32							33	

* 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.

* Tightening torque (reference) will be within Strength Class of Tightening Torque on Technical Data of P.2297 (10.9). Not applicable when using locking materials or lock washers.

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

Example



JPGTS (P.1624) / JPBTB (P.1577)
 LPHT / LPHB
 Workpiece / Stage