

Height Adjusting Pins (Tapped)

Hex / Round, Width Across Flats

Height Adjusting Pins (Tapped) – Hex

Type	Material	Surface Treatment	Hardness
JPRM	4137 Alloy Steel	—	Treated Hardness: 46–50 HRC min.
BJPRM		Black Oxide	Treated Hardness: 46–50 HRC min.
HJPRM		Hard Chrome Plating Plating Thickness: 3 μm or More	Treated Hardness: 46–50 HRC min.
			Plating Hardness 750 HV min.

RoHS 10

Type	Part Number	B	L 0.01 mm Increment	M (Coarse)	ℓ
JPRM BJPRM HJPRM		8	16.00–50.00	M5	8
		10			
		13			
		17			
		19	22.00–50.00	M8	12

*Tightening torque will be within Strength Class of 10.9 as indicated in the Technical Data P.4016 (10.9). Not applicable when using locking adhesives or lock washers.

Part Number Example

Part Number - L

JPRM8 - 20.00

Height Adjusting Pins (Tapped) – Round, Width Across Flats

Round	Wrench Flats	Material	Surface Treatment	Hardness
JPHUF	JPHUW	O1 Tool Steel or Equivalent	—	Treated Hardness: 60–63 HRC min.
BJPHUF	BJPHUW		Black Oxide	Treated Hardness: 60–63 HRC min.
HJPHUF	HJPHUW		Hard Chrome Plating Plating Thickness 3 μm or more	Treated Hardness: 60–63 HRC min.
				Plating Hardness 750 HV min.

RoHS 10

Type	Part Number	D	L 0.01 mm Increment	W Specified in 1 mm Increment	M (Coarse)	ℓ
Round JPHUF BJPHUF HJPHUF	Wrench Flats JPHUW BJPHUW HJPHUW	6	12.00–30.00	—	M3	5
		8	16.00–30.00	—	M5	8
		10	16.00–50.00	8–9		
		12	16.00–50.00	8–11		
		16	22.00–50.00	11–15	M8	12
20	22.00–50.00	11–19				

Ⓜ M+2<W<D Ⓜ Width across flats is D≥10. *Tightening torque will be within Strength Class of 10.9 as indicated in the Technical Data P.4016 (10.9). Not applicable when using locking adhesives or lock washers.

Part Number Example

Part Number - L - W

JPHUF6 - 20.00 Round
BJPHUW10 - 17.00 - W8 Wrench Flats

Height Adjusting Pins / Height Adjusting Caps

Small Head

Height Adjusting Pins – Small Head

Type	Material	Hardness
JPSRA	4137 Alloy Steel	46–50 HRC min.

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

RoHS 10

Part Number Type	G	L 0.01 mm Increment	P 0.5 mm Increment	B 0.1 mm Increment	F 1 mm Increment	D (M)	(C)
JPSRA	8	5.00–50.00	3.0–5.0	2.0–30.0 (B≤Px4.0)	2–4 or 0	5	9.2
	10	5.00–60.00	4.0–6.0		2–5 or 0	11.5	
	13	5.00–80.00	4.0–8.0		2–6 or 0	15.0	
	17	10.00–80.00	5.0–10.0		2–8 or 0	19.6	
	19	10.00–100.00	5.0–12.0		2–10 or 0	21.9	

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

Part Number Example

Part Number - L - P - B - F

JPSRA17 - L12.00 - P8.0 - B3.5 - F4

Application Example

Use it in places with small space to support.

Height Adjusting Pins

Type	Material	Surface Treatment	Hardness
JPTU	4137 Alloy Steel	—	Treated Hardness: 46–50 HRC min.
BJPTU		Black Oxide	Treated Hardness: 46–50 HRC min.
HJPTU		Hard Chrome Plating Plating Thickness 3 μm or More	Treated Hardness: 46–50 HRC min. Plating Hardness 750 HV min.
SJPTU	304 Stainless Steel	—	—

RoHS 10

Type	Part Number	B	L 1 mm Increment	F 1 mm Increment	M (Coarse)	R	(ℓ)	(C)
JPTU BJPTU HJPTU SJPTU		10	10–30	6–18	M6	4	6	11.5
		13	10–32	8–24	M8	6	7	15.0
		17	15–50			7	19.6	
		19	15–50			9	10	21.9

Height Adjusting Caps

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

RoHS 10

Type	Part Number	D	L 1 mm Increment	M (Coarse)	R	(ℓ)	
JPTUC		6	10–30	M3	3	1	
		7					
		8		M5	4		
		10			5		2
		13			M8		6

Part Number Example

Part Number - L - F

JPTU10 - L15 - F8
JPTUC13 - 25

Application Example

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

Prevents the Deflection by the Tare of Workpiece.

