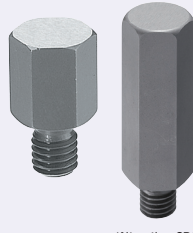


Height Adjusting Pin

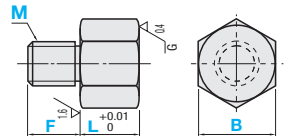
Threaded

Hex RoHS



(Alteration CRC)

Material	Surface Treatment	Hardness	Type		
			B, F Fixed	B Fixed and F Configurable	B Selectable and F Fixed
4137 Alloy Steel	-	Treated Hardness: 46~50HRC	JPRA	JPRAM	JPRFA
	Black Oxide	Treated Hardness: 46~50HRC	BJPRA	BJPRAM	BJPRFA
	Hard Chrome Plating Plating Thickness: 3µm or more	Treated Hardness: 46~50HRC Plating Hardness: 750HV~	HJPRA	HJPRAM	HJPRFA
304 Stainless Steel	-	-	SJPRA	SJPRAM	SJPRFA
440C Stainless Steel	-	Treated Hardness: 50~55HRC	CJPRA	CJPRAM	CJPRFA



$6.3 / (1.6 / 0.4)^G$


* Under-head of "B Fixed and F Configurable Type" is R0.5 or less. Take note of chamfering on the tapped hole.

Part Number Type	M (Coarse)	L 0.01mm Increment	B			F
			Standard	Selection	Standard	
B, F Fixed JPRA BJPRA HJPRA SJPRA CJPRA	3	2.00-10.00	6	5	5	3-36 (M≤F≤Mx3)
			7	6	6	
			8	7	7	
B Selectable and F Fixed JPRFA BJPRFA HJPRFA SJPRFA CJPRFA	5	5.00-30.00	10	8	8	
			13	10	12	
			17	12	13	
B Fixed and F Configurable JPRAM BJPRAM HJPRAM SJPRAM CJPRAM	8	10.00-50.00	19	14	17	
			12	13	14	
			15	14	15	

* Tightening torque will be within Strength Class of 10.9 as indicated in the Technical Data (Ref. MISUMI 2011 catalog P3549). *Not applicable when using locking adhesives or lock washers.

M (Coarse)	Unit Price														
	B, F Fixed					B Fixed and F Configurable					B Selectable and F Fixed				
3	JPRA	BJPRA	HJPRA	SJPRA	CJPRA	JPRAM	BJPRAM	HJPRAM	SJPRAM	CJPRAM	JPRFA	BJPRFA	HJPRFA	SJPRFA	CJPRFA
4															
5															
6															
8															
10															
12															

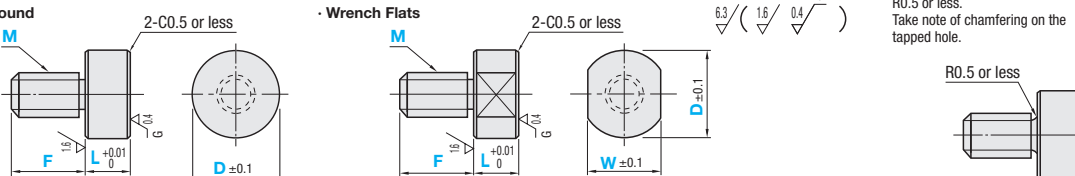
Round, Wrench Flats RoHS



Material	Surface Treatment	Hardness	Type	Ordering Code and Shape Code	
				F Fixed	F Configurable
01 Tool Steel	-	Treated Hardness: 60~63HRC	JPH		
	Black Oxide	Treated Hardness: 60~63HRC	BJPH		
	Hard Chrome Plating Plating Thickness: 3µm or more	Treated Hardness: 60~63HRC Plating Hardness: 750HV~	HJPH	AF (Round)	AFM (Round)
304 Stainless Steel	-	-	SJPH		
440C Stainless Steel	-	Treated Hardness: 50~55HRC	CJPH		
SCM415 Alloy Steel (JIS)	-	Carburized Treated Hardness: 55HRC~(Depth 0.7~0.8)	TJPH		

* Some combinations are not available. Refer to the price list to select the available combination.

* Under-head of F Configurable Type is R0.5 or less. Take note of chamfering on the tapped hole.



$6.3 / (1.6 / 0.4)^G$

R0.5 or less

Part Number Type	Shape Code	M (Coarse)	L 0.01mm Increment	D 1mm Increment	W		F
					Standard	1mm Increment	
JPH BJPH HJPH SJPH CJPH TJPH	(Round) AF (F Fixed) AFM (F Configurable)	3	2.00-10.00	5-30 (M<D<Mx5)	4-13	5	3-36 (M≤F≤Mx3)
					5-18	6	
					6-23	7	
(Wrench Flats) AW (F Fixed) AWM (F Configurable)	5	5.00-30.00	10.00-50.00	7-28	8		
				9-29	10		
				11-29	12		
	8			13-29	15		

M<W<D


Round

M (Coarse)	Unit Price F Fixed					Unit Price F Configurable					
	JPHAF	BJPHAF	HJPHAF	SJPHAF	CJPHAF	JPHAFM	BJPHAFM	HJPHAFM	SJPHAFM	CJPHAFM	TJPHAFM
3											
4											
5											
6											
8											
10											
12											

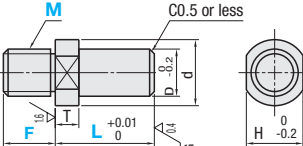
Wrench Flats

M (Coarse)	Unit Price F Fixed					Unit Price F Configurable					
	JPHAW	BJPHAW	HJPHAW	SJPHAW	CJPHAW	JPHAWM	BJPHAWM	HJPHAWM	SJPHAWM	CJPHAWM	TJPHAWM
3											
4											
5											
6											
8											
10											
12											

Shouldered RoHS



Material	Surface Treatment	Hardness	Type	
			F Fixed	F Configurable
01 Tool Steel	-	Treated Hardness: 60~63HRC	JPHA	JPHAM
	Black Oxide	Treated Hardness: 60~63HRC	BJPHA	BJPHAM
	Hard Chrome Plating Plating Thickness: 3µm or more	Treated Hardness: 60~63HRC Plating Hardness: 750HV~	HJPHA	HJPHAM
304 Stainless Steel	-	-	SJPHA	SJPHAM
440C Stainless Steel	-	Treated Hardness: 50~55HRC	CJPHA	CJPHAM
SCM415 Alloy Steel (JIS)	-	Carburized Treated Hardness: 55HRC~(Depth 0.7~0.8)	-	TJPHAM



C0.5 or less

$6.3 / (1.6 / 0.4)^G$

* Under-head of F Configurable Type is R0.5 or less. Take note of chamfering on the tapped hole.

Part Number Type	M (Coarse)	L 0.01mm Increment	F		D	d	T	H
			Standard	1mm Increment				
F Fixed JPHA BJPHA HJPHA SJPHA CJPHA	3	5.00-10.00	5	3-36 (M≤F≤Mx3)	3	5	3	3
			6		4	6		4
			8		5	8		5
			10		6	10		6
			12		8	12		8
			15		10	14		10
			15		12	16		12
			15		15	16		15

* Tightening torque will be within Strength Class of 10.9 as indicated in the Technical Data (Ref. MISUMI 2011 catalog P3549). *Not applicable when using locking adhesives or lock washers.

M (Coarse)	Unit Price F Fixed					Unit Price F Configurable					
	JPHA	BJPHA	HJPHA	SJPHA	CJPHA	JPHAM	BJPHAM	HJPHAM	SJPHAM	CJPHAM	TJPHAM
3											
4											
5											
6											
8											
10											
12											

Ordering Example

(Hex, B and F Fixed) JPRA4 - L 10.00 - B - D - W - F

(Hex, B Fixed and F Configurable) JPRAM8 - L15.00 - B - D - W - F12

(Hex, B Selectable and F Fixed) JPRFA6 - 20.00 - B - D - W - F12

(Round, F Fixed) JPHAF3 - 5.21 - B - D6 - W - F9

(Round, F Configurable) JPHAFM3 - L5.21 - B - D6 - W - F9

(Wrench Flats, F Fixed) HJPHAW10 - 20.00 - B - D15 - W11 - F15

(Wrench Flats, F Configurable) HJPHAWM10 - L20.00 - B - D15 - W11 - F15

(Flanged, F Fixed) JPHA8 - 14.00 - B - D - W - F10

(Flanged, F Configurable) JPHAM8 - L14.00 - B - D - W - F10

Days to Ship [Configure Online](#)

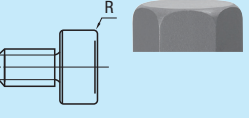
Price [Configure Online](#)

Alterations

Part Number - L - B - D - W - F - (CRC, EAT) [Configure Online](#)

JPRA10 - 20.5 - B - D20 - W20 - F15 - EAT

HJPHAWM10 - L15.00 - B - D20 - W20 - F15 - EAT

Alterations Code	Radius to End Face		Seating Sensor Holes																					
	CRC	EAT	EAT																					
Spec.	Chamfering of workpiece receiving-surface is changed to R1. Hex is R size in the right table.		Machines seating sensor holes on the work-receiving surface. Hole diameters are shown in the table below.																					
	<p>(Ordering Code) CRC</p> <p>⊗ No addition of radius to wrench flats.</p> <p>⊙ Applicable when L≥15.</p> <p>⊕ Hex is applicable to B≥10.</p>		<p>⊗ Applicable when D≥6.</p> <p>⊙ Application conditions vary depending on F and L dimensions.</p>																					
Price Adder	<p><Enlarged Photo of Receiving-surface></p> 		<table border="1"> <thead> <tr> <th>M</th> <th>Narrow Hole Dia. d1</th> <th>Through Hole Dia. d2</th> <th>Applicable Overall Length Conditions</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>1.0</td> <td>1.5</td> <td>F+L≤20</td> </tr> <tr> <td>8</td> <td>1.0</td> <td>2.5</td> <td>F+L≤30</td> </tr> <tr> <td>10</td> <td>1.5</td> <td>3.5</td> <td>F+L≤40</td> </tr> <tr> <td>12</td> <td>1.5</td> <td>4.5</td> <td>F+L≤50</td> </tr> </tbody> </table>		M	Narrow Hole Dia. d1	Through Hole Dia. d2	Applicable Overall Length Conditions	6	1.0	1.5	F+L≤20	8	1.0	2.5	F+L≤30	10	1.5	3.5	F+L≤40	12	1.5	4.5	F+L≤50
	M	Narrow Hole Dia. d1	Through Hole Dia. d2	Applicable Overall Length Conditions																				
6	1.0	1.5	F+L≤20																					
8	1.0	2.5	F+L≤30																					
10	1.5	3.5	F+L≤40																					
12	1.5	4.5	F+L≤50																					