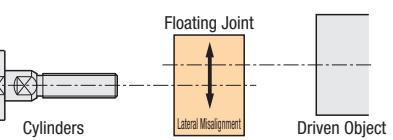


Floating Joints - Overview

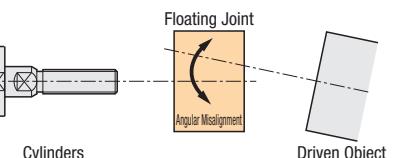
Features of Floating Joints

This Product connects cylinder and operated object and absorbs misalignment (= Lateral Misalignment) or Angular Misalignment (= Out of Parallelism Tolerance).



Advantages of Floating Joints

- It is not necessary for the cylinder shaft to match the connecting body with high precision.
- Thrust does not lower even if the precision of the shaft fit is rough.
- Prevents breakage of cylinder gaskets and prolong the life of operated objects.



Types of Floating Joints

- Quick Connection Type: The connector latches in the groove of the holder and the connecting unit, enabling simple connection simply by passing through the hole of the connecting unit.

Cylinder Rod Tip Shape	Connector	Connector and Holder Set	Holder
Threaded	[Tapped Type] Fixed P1527 Separate P1529 Configurable P1528	Connector and Holder Set P1526	■Mounting Image Flange Type P1533 Compact Type P1536
Tapped	[Threaded Type] Fixed P1530 Separate Type P1532 Configurable P1531 Bolt Mount Type P1532	Connector and Holder Set P1530	■Mounting Image Bar Type P1535 Top Mount Type P1534

- Flange Type: Connect can be retained by a flange. Use Backing Plates (Cover plates) to avoid breakage of operated objects by impact caused by connectors.

Cylinder Rod Tip Shape	Connector, Mount Flange Sets	Backing Plates	Connected images of the cylinder and driven part
Threaded	[Tapped Type] Standard P1539 Separate P1539 Wrench Flats P1539		Cylinders Connector, Mount Flange Sets Backing Plate Driven Part
Tapped	[Threaded Type] Standard P1541 Separate P1541 Wrench Flats P1541	Round, Wrench Flats P1544	Connected images of the cylinder and driven part

- One-Piece Type: This product absorbs lateral, angular misalignment. Extra Short Type is compact in size and space-saving.

Joining Method	Floating Joints Integrated Type			Connected images of the cylinder and driven part
	Threaded for Cylinder	Tapped for Cylinder		
Side Mounting	Extra Short Threaded Stud Mount (for Threaded Cylinder) P1549 Miniature P1547 Screw-In P1547	Extra Short Threaded Stud Mount (for Tapped Cylinder) P1549		Cylinders Connector Driven Part
Foot Mount	Extra Short Foot Mount (for Threaded Cylinder) P1550 Bracket Mounting P1548	Extra Short Foot Mount (for Tapped Cylinder) P1550		Cylinders Connector Driven Part
Flange Mounting	Extra Short Tapped Round P1551 Extra Short Tapped Compact P1551 Flange Mounting P1547	Extra Short Threaded Round P1551 Extra Short Threaded Compact P1551		Cylinders Connector Driven Part

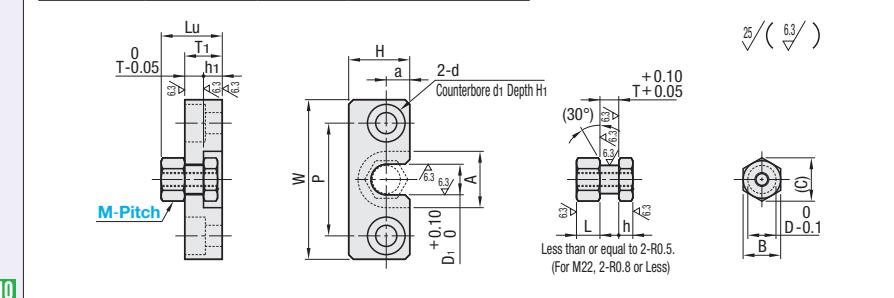
Floating Joints - Quick Connection Type

[Tapped] Cylinder Connector and Holder Set Sheet Metal Holder Set

■Features: Purchasing a set of Connector (FJR) and Holder (HLRA) for Floating Joints Quick Connection Type is better value than purchasing stand-alone products.

Cylinder Connector and Holder Set

Type	Holder Type	Material	Surface Treatment	Hardness
FJRHA	HLRA	EN 1.1191 Equiv.	Tufftride®	500HV~

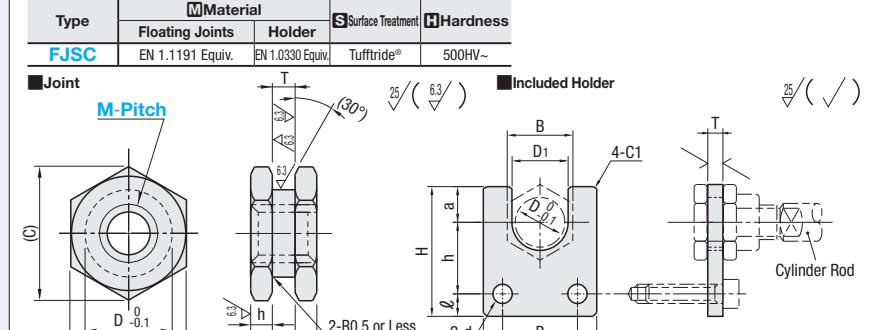


RoHS10

Type	M-Pitch	Cylinder Connector					Holder										Unit Price		
		T	D	L	h	B	C	D ₁	A	T ₁	h ₁	W	H	a	P	d	d ₁	H ₁	Lu
FJRHA	3-0.5	4	6	5	3	8	9.2	6.5	12	8	4	34	13	5	24	4.5	8	4.4	13
	4-0.7	4	7	6	3	10	11.5	8	14	8	4	36	15	6	26	4.5	8	4.4	14
	5-0.8	6	8	7	3	12	13.9	9	17	10	4	42	18	7	30	5.5	9.5	5.4	17
	6-1.0	6	10	8	4	14	16.2	11	19	11	5	44	20	8	32	5.5	9.5	5.4	19
	8-1.25	8	13	9	4	17	19.6	14	23	13	5	52	24	10	38	6.6	11	6.5	22
	10-1.25	8	16	11	4	21	24.2	18	28	13	5	56	30	12	42	6.6	11	6.5	24
	14-1.5	12	21	13	4	26	30	23	34	17	5	70	36	15	52	9	14	8.6	30
	18-1.5	15	25	15	5	30	34.6	27	38	21	6	84	43	19	62	11	17	10.5	36

Ordering Example Part Number FJRHA5-0.8

Sheet Metal Holder Set



RoHS10

Type	Material			Surface Treatment	Hardness	Included Holder
	Floating Joints	Holder				
FJSC	EN 1.1191 Equiv.	EN 1.0330 Equiv.	Tufftride®	500HV~		

Ordering Example Part Number FJSC4-0.7

