

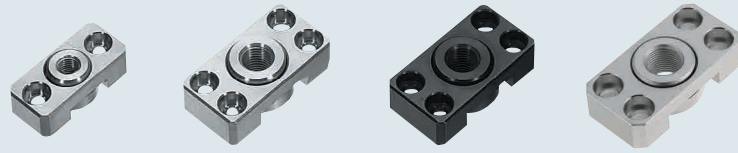
Floating Joints

Low Hardness Type / Low Hardness Thin Type

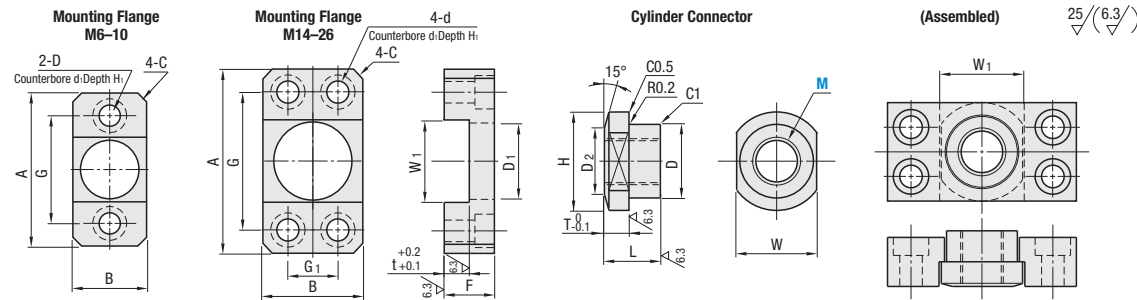
Feature: A compact design due to the square flange and short connectors.

Floating Joints – Low Hardness Type / Low Hardness Thin Type

RoHS 10



Type	Set	Cylinder Connector			Mount Flange	
		Material	Hardness	Surface Treatment	Material	Surface Treatment
Low Hardness	FJCF	1045 Carbon Steel or Equivalent	28~33 HRC min.	Black Oxide	1045 Carbon Steel or Equivalent	Black Oxide
	FJCFM			Electroless Nickel Plating		Electroless Nickel Plating
	FJCFB	304 Stainless Steel	—	—	304 Stainless Steel	—
Low Hardness Thin Type	FJCFST	1045 Carbon Steel or Equivalent	28~33 HRC min.	Black Oxide	1045 Carbon Steel or Equivalent	Black Oxide
	FJCFST	304 Stainless Steel	—	—	304 Stainless Steel	—



Low Hardness

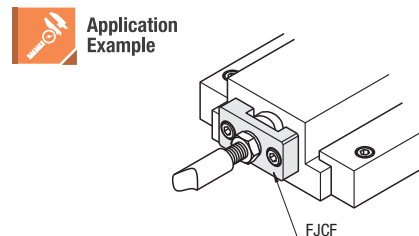
Part Number	Cylinder Connector										Mount Flange										
	Type	M	M x Pitch	L	D	D ₂	H	T	W	A	G	B	G ₁	W ₁	D ₁	t	F	d	d ₁	H ₁	C
Set FJCF FJCFM FJCFB	6	6	6 x 1.0	10	12	11	16	4	13	38	26	16	—	14	13	4	8	4.5	8	4	2
	8	8	8 x 1.25	12	14	13	20	5	16	43	30	20	—	17	15	5	10	5.5	9.5	5	—
	10	10	10 x 1.25	16	18	15	24	7	20	50	35	24	—	21	19	7	14	—	—	—	—
	14	14	14 x 1.5	18	24	20	32	8	26	60	45	32	16	27	25	8	16	7	11	6	3
	18	18	18 x 1.5	20	30	26	38	9	33	75	55	38	20	34.5	31.5	9	18	10	14	8	—
22	22	22 x 1.5	24	35	30	48	11	40	90	65	48	25	42	37	11	22	—	—	—	—	—
26	26	26 x 1.5	28	40	32	54	13	45	100	75	54	30	47	42	13	26	12	17.5	10	4	

Low Hardness Thin

Part Number	Cylinder Connector										Mount Flange										
	Type	M	M x Pitch	L	D	D ₂	H	T	W	A	G	B	G ₁	W ₁	D ₁	t	F	d	d ₁	H ₁	C
Set FJCFST FJCFST	10	10	10 x 1.25	8	18	15	24	3.5	20	50	35	24	—	21	19	3.5	7	7	11	4	3
	14	14	14 x 1.5	9	24	20	32	4	26	60	45	32	16	27	25	4	8	—	—	—	—
	18	18	18 x 1.5	10	30	26	38	4.5	33	75	55	38	20	34.5	31.5	4.5	9	10	14	5	—

M	Available Types				
	Low Hardness			Low Hardness Thin Type	
	FJCF	FJCFM	FJCFB	FJCFST	FJCFST
6	•	•	•	—	—
8	•	•	•	•	•
10	•	•	•	•	•
14	•	•	•	•	•
18	•	•	•	•	•
22	•	•	•	•	•
26	•	•	•	•	•

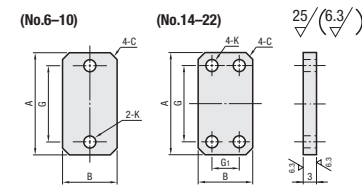
Part Number Example: FJCF10



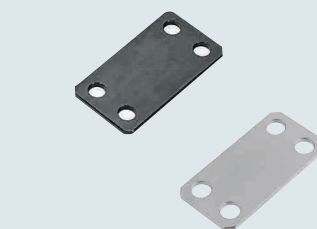
Part Number	Type	No.	A	G	B	G ₁	K	C
BPFJM	8	43	30	20	—	5.5	—	
BPFJS	10	50	35	24	—	7	3	
	14	60	45	32	16	—	—	
	18	75	55	38	20	10	—	
	22	90	65	48	25	12	4	

Part Number Example: BPFJ10

Type	Material	Hardness	Surface Treatment
BPFJ	1045 Carbon Steel or Equivalent	28~33 HRC min.	Black Oxide
BPFJM			Electroless Nickel Plating
BPFJS	304 Stainless Steel	—	—



Backing Plates



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Floating Joints

Slide Type

Feature: Adjust the mounting pitch freely.

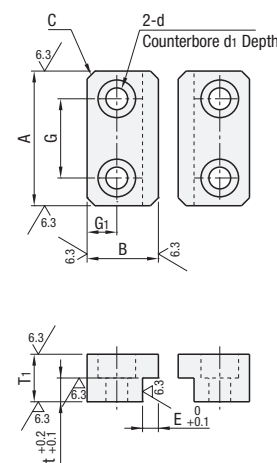
Floating Joints – Slide Type

RoHS 10

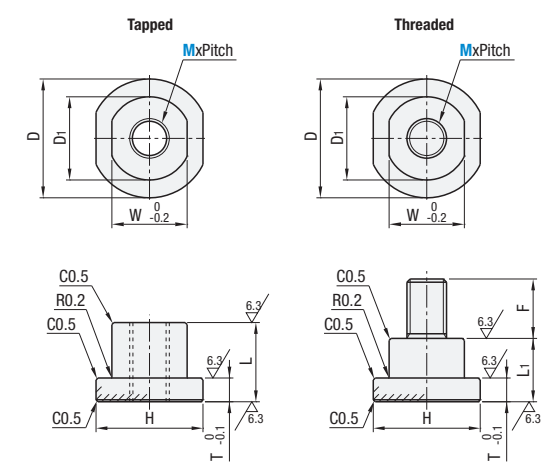


Screws	Components			Mount Flanges			Cylinder Connector		
	Set	Cylinder Connector	Mount Flange	Material	Surface Treatment	Hardness	Material	Surface Treatment	Hardness
Tapped	FJY	—	FJY-H	1045 Carbon Steel or Equivalent	Black Oxide	40~45 HRC min.	1045 Carbon Steel or Equivalent	Black Oxide	Part: 45~50 HRC min. Induction Hardened Surface
Threaded	FJMY	FJMYN	—	—	—	—	—	—	—

Mount Flanges



Cylinder Connector



Mount Flange & Cylinder Connector – Sets / Mount Flange Flange

Part Number	Cylinder Connector										Mount Flanges													
	Type	M	Tapped			Threaded			D	D ₁	H	T	W	A	G	B	G ₁	E	t	T ₁	d	d ₁	h	C
			M x Pitch	L	M x Pitch	L ₁	F																	
Set Connector Tapped FJY	6	6	6 x 1.0	14	6 x 1.0	11	13	20	14	18	4	12	22	12	14	6	3	4	8	4.5	8	4.5	2	
	8	8	8 x 1.25	17	8 x 1.25	14	15	23	16	20	5	14	25	14	14	6	3	5	11	—	—	—		
Connector Threaded FJMY	10	10	10 x 1.25	21	10 x 1.5	16	18	30	21	27	6	19	34	20	19	8	4	6	13	5.5	9.5	5	—	
	14	14	14 x 1.5	25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Cylinder Connector Connector Threaded FJMYN	16	—	—	16 x 2.0	19	30	—	38	27	34	7	24	42	26	22	9	5	7	15	6.5	11	6.5	—	
	18	18	18 x 1.5	28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Mount Flange FJY-H	20	—	—	20 x 2.5	20	32	—	45	32	40	8	30	48	30	25	10	5	8	15	10	14	8	3	
	22	22	22 x 1.5	33	22 x 2.5	23	35	56	40	50	10	36	60	38	28	11	7	10	18	—	—	—	—	

Part Number Example: FJY18

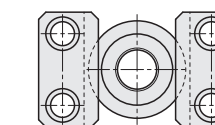
Application Example

Features

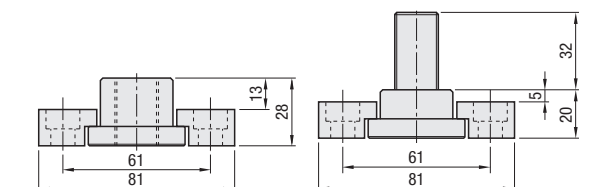
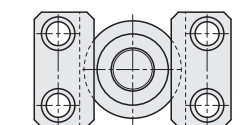
- Allowable lateral misalignment can be adjusted by adjusting the mounting pitch as desired.
- Sliding removal design is also suitable for frequent maintenance scheme.

Assembled (When Allowable Misalignment is 0.5 mm)

FJY18



FJMY20



M	Available Types			
	Set		Cylinder Connector	Mount Flange (Set of 2 pcs.)
	FJY	FJMY	FJMYN	FJY-H
6	•	•	•	•
8	•	•	•	•
10	•	•	•	•
14	•	•	•	•
16	—	•	•	•
18	•	•	•	•
22	—	•	•	•
26	•	•	•	•