

Floating Joints - Flange Mounting

Flat Dual Mountable Side Flange and Cylinder Connector with 4 Sided Wrench Flats - Sets

■ **Features** - Flange: Mounting holes are tapped, which enables the product to be fixed from both sides. Connector: Change from 2 sided wrench flats to 4 sided wrench flats makes fine positioning possible.

■ Dual Mountable Side Flange and Cylinder Connector with 4 Sided Wrench Flats - Sets

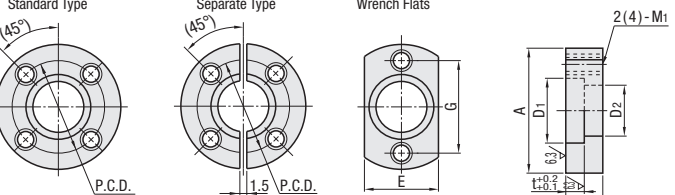


RoHS 10

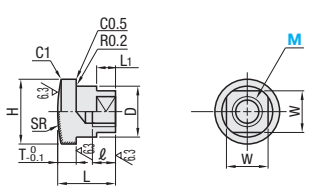
Type	Type			Mount Flanges			Cylinder Connector		
	Standard	Separate	Wrench Flats	Material	Hardness	Surface Treatment	Material	Hardness	
Set	FJAT	FJBT	FJCT	S45C Equivalent	45-55HRC	Black Oxide	S45C Equivalent	45-55HRC	
	FJATS	-	-	SUS440C Equivalent	-	-	SUS440C Equivalent	Induction Hardened Surface	

■ Mount Flanges

Standard Type (45°), Separate Type (45°), Wrench Flats



■ Cylinder Connector



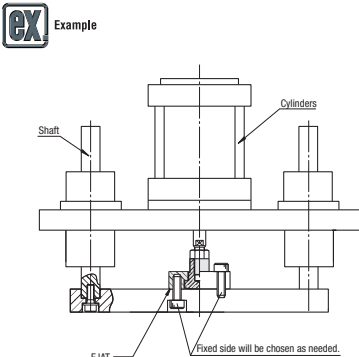
Part Number		Mount Flanges										Cylinder Connector									
Type	M	A	D1	D2	t	F	P.C.D.	M1	E	G	MxPitch	ℓ	L	D	H	T	W	L1	SR		
Set	8	51	24	17	8	16	37	M6	30	37	8x1.25	14	25	16	23	8	14	10	60		
Standard	10	54	28	21			40		32	40	10x1.25	15		20	27	8	17				
FJAT	14	70	36	27	10	20	52	M8	42	52	14x1.5	21	35	25	34	10	22	12	100		
FJBT	18	90	46	35	12	24	68	M10	54	68	18x1.5	27	45	32	43	12	27	15			
FJCT	22	106	56	44	15	30	80	M12	66	80	22x1.5	33	55	40	52	15	32	18	200		

⚠ SUS440C Equivalent Hardened Type may be discolored due to hardening.

Unit Price					
M		FJAT	FJBT	FJCT	FJATS
8					
10					
14					
18					
22					

■ Allowable Misalignment (mm)

M	U
8, 10	0.5
14	1
18	1.5
22	2



■ Tip shape of cylinder connector is flat.

■ Flat Connector Sets

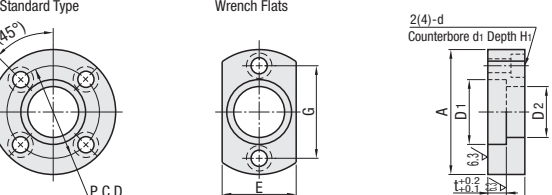


RoHS 10

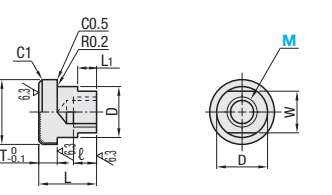
Type	Type		Mount Flanges			Cylinder Connector		
	Set	Cylinder Connector only	Material	Hardness	Surface Treatment	Material	Surface Treatment	Hardness
Standard	FJAZ	FJCZ	FJZN	S45C Equivalent	45-55HRC	Black Oxide	S45C Equivalent	Black Oxide
	FJAZS	-	FJZNS	SUS440C Equivalent	-	-	SUS440C Equivalent	Induction Hardened Surface

■ Mount Flanges

Standard Type (45°), Wrench Flats



■ Cylinder Connector



Part Number		Mount Flanges											Cylinder Connector										Unit Price				
Type	M	A	D1	D2	t	F	P.C.D.	d	d1	H1	E	G	MxPitch	ℓ	L	D	H	T	W	L1	FJAZ	FJAZS	FJCZ	FJZN	FJZNS		
Set FJAZ FJAZS FJCZ Cylinder Connector only FJZN FJZNS	8	51	24	17	8	16	37	7	11	6	30	37	8x1.25	14	25	16	23	8	14	10							
	10	54	28	21		40							32	40		10x1.25	15		20	27	8	17					
	14	70	36	27	10	20	52	10	14	8	42	52	14x1.5	21	35	25	34	10	22	12							
	18	90	46	35	12	24	68	12	17.5	10	54	68	18x1.5	27	45	32	43	12	27	15							
22	106	56	44	15	30	80	14	20	12	66	80	22x1.5	33	55	40	52	15	32	18		-			-			

⚠ SUS440C Equivalent Hardened Type may be discolored due to hardening.

Ordering Example	Part Number
	FJAT10
	FJAZ10

Backing Plates

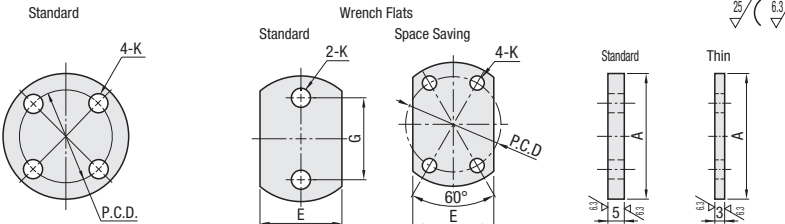
■ **Features:** Avoids breakage of operated objects by impact caused by connectors.



RoHS 10

Shape	Type				Material	Hardness	Surface Treatment
	Standard		Wrench Flats				
	Standard	Thin	Standard	Thin			
Standard	BPFA	BPFUA	BPFC	BPFUC	S45C Equivalent	45-50HRC	Black Oxide
	BPFAS	BPFUAS	BPFCS	BPFUCS	SUS440C Equivalent *	-	-
Space Saving	BPUA	-	BPUC	BPUUC	S45C Equivalent	-	Black Oxide

Standard, Wrench Flats, Space Saving



* Material for BPFUAS and BPFUCS is SUS420J2 Equivalent.

■ Floating Joint (for Standard Shape Type) Backing Plates

Part Number		Unit Price												
Type	No. (M No.)	A	P.C.D.	E	G	K	Standard				Thin			
							BPFA	BPFC	BPFAS	BPFCS	BPFUA	BPFUC	BPFUAS	BPFUCS
Standard	3	42	30	24	30	4.5					-	-	-	-
	4													
	5	48	34	28	34	6								
	6													
	8	51	37	30	37	7								
	10	54	40	32	40									
Wrench Flats	12	70	52	42	52	10								
	14													
	16	90	68	54	68	12								
	18													
	20	106	80	66	80	14								
	22													
Standard	24	116	86	78	86									
	26													
	30	134	104	80	104	18								

⚠ SUS440C Equivalent / SUS420J2 Equivalent Hardened Type may be discolored due to hardening.

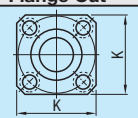
⚠ For floating joints M36, the applicable backing plate is No. 30.

■ Floating Joint (for Space Saving Shape Type) Backing Plates

Part Number		Unit Price			
Type	No. (M No.)	A	P.C.D.	E	K
Standard	5	34	24	22	4.5
	6				
	8	40	30	25	
	10				
	12	52	40	34	6
	14				
Wrench Flats	16	62	48	41	7
	18				
	20	74	58	48	10
	22				
	24	80	64	54	
	30	90	74	64	

Ordering Example	Part Number
	BPFA18
	BPFA14

Alterations	Part Number - (AWC)
	BPFA10 - AWC

Flange Cut	
Alteration	
Code	AWC
Spec.	Cuts four sides of the flange. (Ordering Code) AWC ⚠ Applicable to BPFA and BPFAS only.
	No. K
	3, 4 32
	5, 6 36
	8 40
	10 42
	12, 14 54
	16, 18 68
	20, 22 80
	24, 26 86
	30 104