

Floating Joints

Both Sides Fixable Flange / Cylinder Connector Set, 2 Width Across Flats

Feature 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.

Floating Joints

RoHS10

	Type			Mount Flanges			Cylinder Connector	
	Standard	Separate	Compact	Material	Hardness	Surface Treatment	Material	Hardness
Set	FJAT	FJBT	FJCT	1045 Carbon Steel or Equivalent	40HRC~	Black Oxide	1045 Carbon Steel or Equivalent	Section from 45 HRC Induction Hardened
	FJATS	—	FJCTS	440C Stainless Steel or Equivalent	45HRC~	—	440C Stainless Steel or Equivalent	
Mount Flange	FJAT-H	FJBT-H	FJCT-H	1045 Carbon Steel or Equivalent	50~55 HRC min.	Black Oxide	—	—
	FJATS-H	—	FJCTS-H	440C Stainless Steel or Equivalent				

Mount Flanges

Standard Type, Separate Type, Compact Type

Cylinder Connector

Surface finish: $25 / (6.3 / \sqrt{\quad})$

Part Number		Mount Flange										Cylinder Connector									
Type	M	A	D ₁	D ₂	t	F	P.C.D.	M ₁	E	G	M x Pitch	ℓ	L	D	H	T	W	L ₁	SR		
Set Standard	Mount Flange Standard	8	51	24	17	8	16	37	M6	30	37	8 x 1.25	14	25	16	23	8	14	10	60	
	FJAT FJATS		FJAT-H FJATS-H	10	54		28	21		40	32		40		10 x 1.25	15		20		27	17
Separate	Separate Type	14	70	36	27	10	20	52	M8	42	52	14 x 1.5	21	35	25	34	10	22	12	100	
	FJBT FJBT-H		18	90	46	35	12	24		68	M10		54		68	18 x 1.5		27		45	32
Compact	Compact	22	106	56	44	15	30	80	M12	66	80	22 x 1.5	33	55	40	52	15	32	18	200	
	FJCT FJCTS		FJCT-H FJCTS-H																		

① 440C Stainless Steel or Equivalent Hardened Type may be discolored due to hardening.
 ② M dimension 22 is not available for FJATS, FJCTS, FJATS-H, and FJCTS-H.

Allowable Misalignment (mm)

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

Part Number Example

Part Number: **FJAT10**
FJBT-H18

Application Example

Floating Joints / Backing Plates

Cylinder Connectors, Flange Type

Floating Joints

RoHS10

Type	Type		Material	Surface Treatment	Hardness
	L Fixed	L Configurable			
FJTN	FJTNL		1045 Carbon Steel or Equivalent	Black Oxide	Section from 45 HRC Induction Hardened
FJTNS	—		440C Stainless Steel or Equivalent	—	

Surface finish: $25 / (6.3 / \sqrt{\quad})$

Part Number		L		Cylinder Connector									
Type	M	Selectable	Configurable Type (1 mm Increment)	M x Pitch	ℓ	D	H	T	W	L ₁	SR		
L Fixed FJTN FJTNS	8	25	30-60	8 x 1.25	14	16	23	8	14	10	60		
	10			10 x 1.25	15	20	27		17				
L Configurable FJTNL	14	35	40-80	14 x 1.5	21	25	34	10	22	12	100		
	18			18 x 1.5	27	32	43		27			15	
	22			22 x 1.5	33	40	52		15			32	18

① 440C Stainless Steel or Equivalent Hardened Type may be discolored due to hardening.
 ② M dimension 22 is not available for FJTNS.

Part Number Example

Part Number: **FJTN10**
FJTNS22
FJTNL18 - 60