

SJ Series

- SJ series compensate displacement, imbalance and equilibrium deficiency of the rotating axle between a cylinder and the other component.



■ How to order

SJ F 40 - 14-150

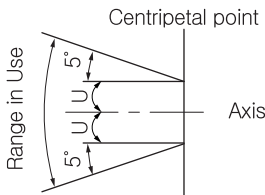
- ① Floating Joint
- ② Connecting Method
Nil – Standard type
F – Flange type
- ③ Inside diameter of tube(mm)
- | Model | Mark | inside diameter of tube(mm) |
|----------|-----------|-----------------------------|
| Standard | 10 | 10 |
| | 15 | 10 · 15 |
| | 20 | 20 |
| | 30 | 25 · 30 |
| | 40 | 40 |
| | 63 | 50 · 63 |
| | 80 | 80 |
| | 100 | 100 |
| 140 | 125 · 140 | |
- ④ Number of Screw (Standard)

Number of Screw	Applicable cylinder number of screw
5-080	M4x0.8
6-100	M6x1.0
8-125	M8x1.25
10-125	M10x1.25
14-150	M14x1.5
18-150	M18x1.5
22-150	M22x1.5
26-150	M26x1.5
30-150	M30x1.5

■ Specification

Operating Pressure	Air pressure cylinder 0.97MPa [9.9 kgf/cm ²] less than
	Oil pressure cylinder 3.4 MPa [35 kgf/cm ²] less than
Connecting Mehtod	Standard type, Flange type

■ Range in Use

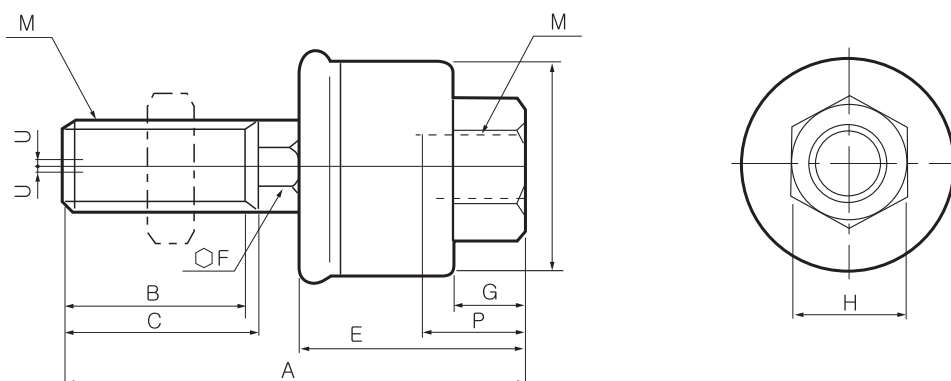


■ Precautions

- ① For application other than pneumatic and hydraulic, consultation with manufacturer is strongly required.
- ② Can not be used for the applications of rotation since there is no axial fitting for rotation.

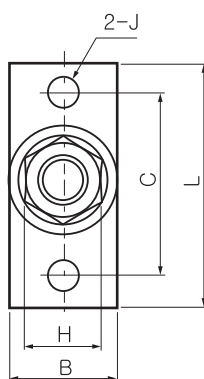
DIMENSIONS (mm)

SJ 10~140

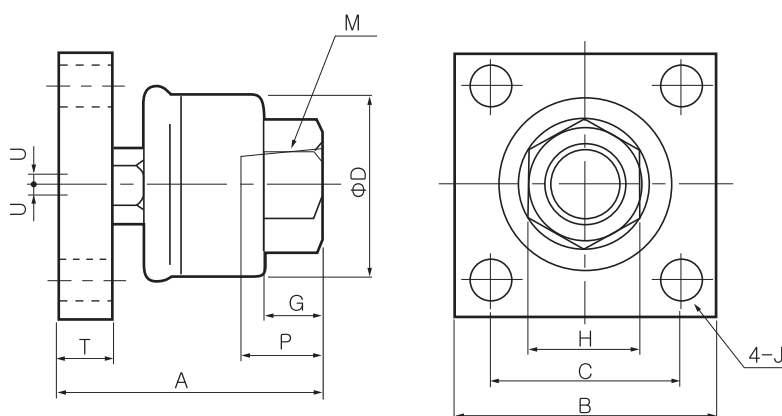


Model	M		A	B	C	D	E	F	G	H	Max. Depth of screw(P)	Permitted eccentricity(U)	Max. Operating compression(kgf)	Weight (g)
	Diameter	Pitch												
SJ10-4-070	4	0.7	34	12	14	16	2	6	5	10	5.5	0.5	5.4	20
SJ15-5-080	5	0.8	34	12	14	16	2	6	5	10	7	0.5	12.3	22
SJ15-6-100	6	1	34	12	14	16	2	6	5	10	7	0.5	12.3	24
SJ20-8-125	8	1.25	44	17	-	22	4.5	7	7	13	8	0.5	110	54
SJ30-10-125	10	1.25	50	19	-	25	5	8	8	17	9	0.5	250	86
SJ40-14-150	14	1.5	60	20	-	32	6	11	11	22	13	0.75	600	182
SJ63-18-150	18	1.5	75	25	-	42	7.5	14	13.5	27	15	1	1,100	404
SJ80-22-150	22	1.5	90	29	-	52	9.5	19	16	32	18	1.25	1,800	700
SJ100-26-150	26	1.5	110	35	-	63	11.5	24	20	41	24	2	2,800	1,250
SJ140-30-150	30	1.5	153	42	45	79	14	30	22	46	38	2.5	5,400	2,952

SJ F30~F40



SJ F63~F140



Model	M		A	B	L	C	D	T	J	G	H	Max. Depth of screw(P)	Permitted eccentricity(U)	Max. Operating compression(kgf)	Weight (g)
	Diameter	Pitch													
SJ F30-10-125	10	1.25	40	25	52	40	25	6	6.6	8	17	9	0.5	250	128
SJ F40-14-150	14	1.5	49	32	70	52	32	9	9	11	22	13	0.75	440	292
SJ F63-18-150	18	1.5	62	65	-	45	42	9	9	13.5	27	15	1	1,100	680
SJ F80-22-150	22	1.5	77	75	-	55	52	16	11	16	32	18	1.25	1,800	1,206
SJ F100-26-150	26	1.5	94	90	-	65	63	19	11	20	41	24	2	2,800	2,170
SJ F140-30-150	30	1.5	131	125	-	82	79	25	18	22	46	38	2.5	3,600	5,420