CYLINDER JOINTS

- Aligning the axial center and correcting the parallelism can be performed easily.
- High machining accuracy for aligning the axial center is not required.
- Time taken for installation can be greatly reduced.
- The overall shape is simple and small, allowing simple handling.
- A dust seal is provided preventing any breakdown due to foreign objects or dust.

Specifications

Model	Applicable cylinder rod thread size	Applicable cylinder and bore size							Maximum thrust of applicable cylinder at 1MPa[145psi.] N [lbf.]	Maximum tensile strength load N [lbf.]	Allowable eccentricity U mm[in.]	Swivel angle
		Pen	Multi	Jig C (male thread specification :- B)	Slim	Twinport	DYNA	JC				
CJ-3×0.5	M3×0.5	6	6	—	—	—	—	—	19.6 [4.4]	3334.3[750]	0.5[0.020]	±5°
CJ-4×0.7	M4×0.7	10	10	—	—	—	—	—	58.8 [13.2]	3334.3 [750]	0.5[0.020]	
CJ-5×0.8	M5×0.8	16	16	12	—	—	—	—	137.3 [30.9]	5884 [1323]	0.5[0.020]	
CJ-6×1	M6×1	—	—	16	16	16	—	—	176.5 [39.7]	5884 [1323]	0.5[0.020]	
CJ□-8×1-□	M8×1	—	—	20	20, 25※	20, 25	—	20	305 [68.6] (475.6 [106.9])※	20594 [4631]	0.5[0.020]	
CJ□-10×1.25-□	M10×1.25	—	—	25	25, 32	25, 32	32	25	780.6 [175.5]	31381.3 [11025]	0.75[0.0295]	
CJ□-12×1.25-□	M12×1.25	—	—	—	—	—	—	—	686.5 [154.3]	449033.3 [11025]	1[0.039]	
CJ□-14×1.5-□	M14×1.5	—	—	32, 40	40, 50, 63	40	40	32, 40	3026.3 [680.3]	449033.3 [11025]	1[0.039]	
CJ□-18×1.5-□	M18×1.5	—	—	50, 63	—	—	50	50,63	1906.4 [428.6]	62762.6 [14112]	1.25[0.0492]	
		—	—				63		3026.3 [680.3]			
CJ□-22×1.5-□	M22×1.5	—	—	80	—	—	80	80	4879.7 [1097]	112776.5 [25352]	2[0.079]	
CJ□-26×1.5-□	M26×1.5	—	—	100	—	—	100	100	7624.7 [1714]	122583.1 [27557]	2.5[0.098]	

※: For square rod cylinders.

Order Codes

●For CJ-3×0.5, CJ-4×0.7, CJ-5×0.8, CJ-6×1

CJ — □

Cylinder joint

Thread size
3×0.5 —— M3×0.5
4×0.7 —— M4×0.7
5×0.8 —— M5×0.8
6×1 —— M6×1

●For CJ□-8×1～CJ□-26×1.5

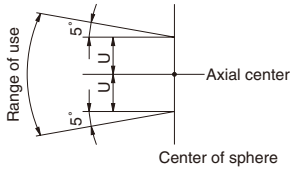
CJ □ — □ — □

Cylinder joint

Type
S — Short nose type
L — Long nose type

Mounting bracket
Blank —— No mounting bracket
1 —— Foot mounting type
3 —— Flange mounting type

Notes: 1. The mounting brackets are included at shipping.
2. The foot mounting bracket cannot be installed on the S-type (short nose type).

Nominal thread size
8×1 —— M 8×1
10×1.25 —— M10×1.25
12×1.25 —— M12×1.25
14×1.5 —— M14×1.5
18×1.5 —— M18×1.5
22×1.5 —— M22×1.5
26×1.5 —— M26×1.5

Allowable Eccentricity and Swivel Angle