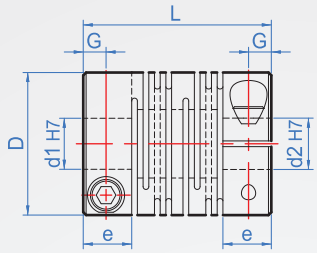
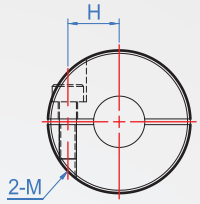
Slit clamp coupling

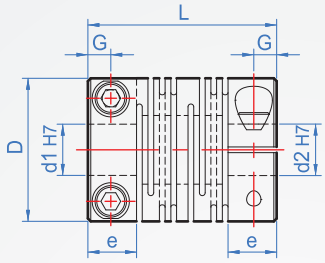
CH401

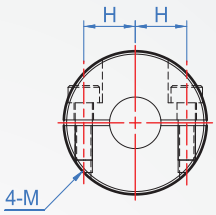
Long type





O.D. ϕ 16~ ϕ 32





O.D. ϕ 40~ ϕ 63

Main part	Hex socket head cap screws
A6061 (Clear anodizing)	SCM435 (Black oxide)
SUS303	SUS304

How to order

CH401 - 12 - 3x4 - ☐

1 = D, 2 = d1xd2

TYPE | D | d1xd2

Material chosen

A6061..... ☐

SUS303..... SUS

Unit : mm

D (1)	d1 - d2 (2) min.		max.	L	e	M	G	H	Quality(g) AL	Quality(g) SUS
12	3	~	5	18.5	5	M2	2.5	4.0	3.6	10
16	4	~	6	23	6.5	M2.5	3.25	5.0	9.2	25
20	4	~	8	26	7.5		3.75	6.5	16	43
25	5	~	10	31	8.5	M3	4.25	9.0	28	78
32	6	~	14	41	12	M4	6	11.0	64	170
40	8	~	16	56	15	M5	8.5	14.0	140	370
50	12	~	22	71	18	M6	10.5	18.0	270	750
63	14	~	35	90	22	M8	13	24.0	530	1400

AL Characteristics table

Unit : mm

D	Torque (N・m)	Max. torque (N・m)	Highest number of rotations (rpm/min)	Moment of inertia (kg・m^2)	Allowable eccentric (mm)	Allowable axial displacement (mm)	Allowable declination (°)
12	0.2	0.4	12000	7.8×10^{-8}	0.10	±0.3	2
16	0.3	0.6	9500	3.4×10^{-7}	0.10	±0.4	2
20	0.5	1.0	7600	9.1×10^{-7}	0.10	±0.4	2
25	1.0	2.0	6100	2.6×10^{-6}	0.15	±0.5	2
32	2.0	4.0	4800	9.7×10^{-6}	0.15	±0.5	2
40	5.0	10.0	3800	3.3×10^{-5}	0.20	±0.5	2
50	10.0	20.0	3100	1.0×10^{-4}	0.20	±0.5	2
63	20.0	40.0	2400	3.2×10^{-4}	0.20	±0.5	2

SUS Characteristics table

Unit : mm

D	Torque (N・m)	Max. torque (N・m)	Highest number of rotations (rpm/min)	Moment of inertia (kg・m^2)	Allowable eccentric (mm)	Allowable axial displacement (mm)	Allowable declination (°)
12	0.3	0.6	12000	2.2×10^{-7}	0.10	±0.2	2
16	0.5	1.0	9500	9.0×10^{-7}	0.10	±0.3	2
20	1.0	2.0	7600	2.5×10^{-6}	0.10	±0.3	2
25	2.0	4.0	6100	7.1×10^{-6}	0.15	±0.4	2
32	3.5	7.0	4800	2.7×10^{-5}	0.15	±0.5	2
40	8.0	16.0	3800	9.0×10^{-5}	0.20	±0.5	2
50	15.0	30.0	3100	2.8×10^{-4}	0.20	±0.5	2
63	35.0	70.0	2400	8.8×10^{-4}	0.20	±0.5	2

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