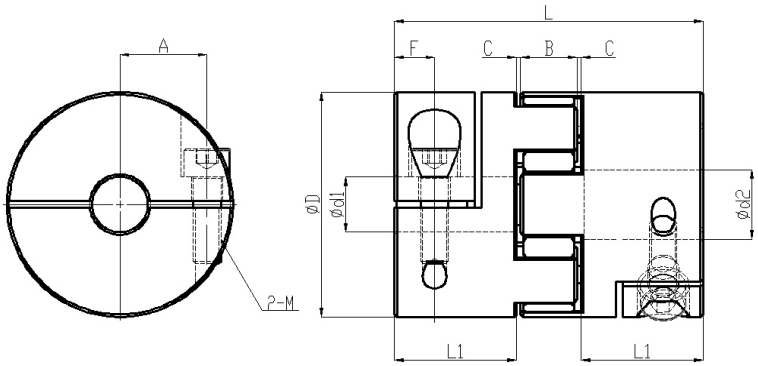
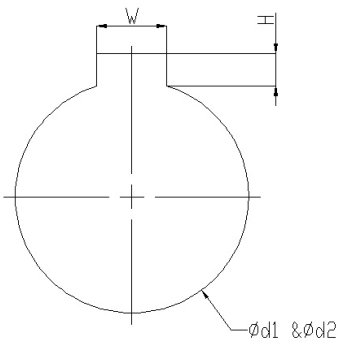
COUPLING
2012

FACE



◆Operating temperature：-20℃~90℃
◆Offset of angular , parallel , or axial deviation are individual allowed value , so couple reasons of axial offset appearing at same time would reduce the unit allowable value
◆Key way available on request per indicated as LK(Ød1 bore).RK(Ød2 bore).WK(Ød1.Ød2 bore)

Component	Material	Surface finished	Accessories
Main frame	AL6061T651	Anodized	Clamp screw
Space ring	Urethane(PU)	—	



Key way Ød1 . Ød2	W		H		Key way dimension W□
	Dimension	Alloable tolerance	Dimension	Alloable tolerance	
6~7	2	±0.015	1.0	±0.1	2*2
8~10	3		1.4		3*3
11~12	4	±0.02	1.8		4*4
13~16	5		2.3		5*5
18~22	6		2.8		6*6
24~30	8	±0.025	3.3		8*8
32~42	10				10*10

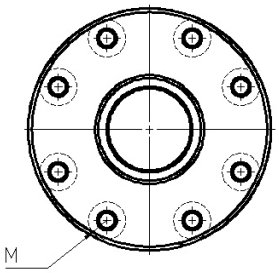
Size		Space ring Elestic strength (Color)	Ød1&Ød2 options * Ød1≦Ød2							L	L1	B	C	F	A	Clamping screw	
Model	ØD		16	20	24	32	35	40	42							M	Lock Torque (N.m)
FACE	55	98sh A(R) 92sh A(W) 80sh A(B)	●	●	●					78	30	14	2	10.5	20	M6	10.5
	65		●	●	●	●	●			90	35	15	2.5	11.5	25	M8	25
	80		●	●	●	●	●	●	●	114	45	18	3	15.5	25	M8	30

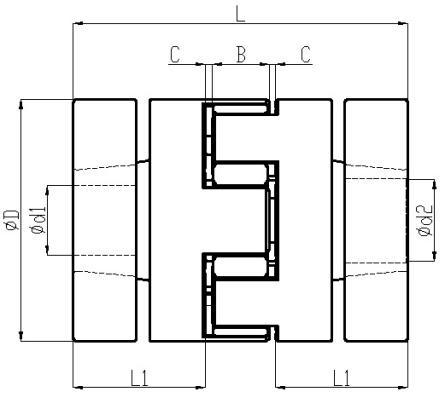
◆Moment of inertial torque and weight calculated by maximum diameter

Specifications		Allowable Torque (N.m)			Allowable Angle Mis-alignment	Allowable Parallel Mis-alignment (mm)			Allowable Axile Mis-alignment (mm)	Static torsional stiffness (N · m/rad)			Max. RPM (r/min^{-1})	Moment of inertia (kg • m)	Weight (g)
Model	ØD	R	W	B		R	W	B		R	W	B			
FACE	55	60	35	17	0.9°	0.1	0.1	0.1	1.2	2600	1600	1400	8650	$1.6*10^{-4}$	330
	65	160	95	46					1.2	4900	3000	2800	7350	$3.8*10^{-4}$	560
	80	325	190	95					1.2	6500	5300	3200	5950	$1.0*10^{-3}$	560

COUPLING
2012

FASE





◆Operating temperature：-20℃~90℃
◆Offset of angular , parallel , or axial deviation are individual allowed value , so couple reasons of axial offset appearing at same time would reduce the unit allowable value
◆Unique one-unit design to achieve non-backlash and high precision performance.
◆Aluminum sleeve, light and low rotatary inertia
◆Tighted axle to have high friction torque.
◆Stable rotation in maximum speed to 40m/s.

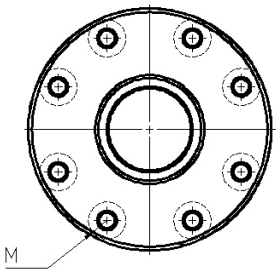
Component	Material	Surface finished	Accessories
Main frame	Aluminum	—	Clamp screw
Space ring	Urethane(PU)	—	

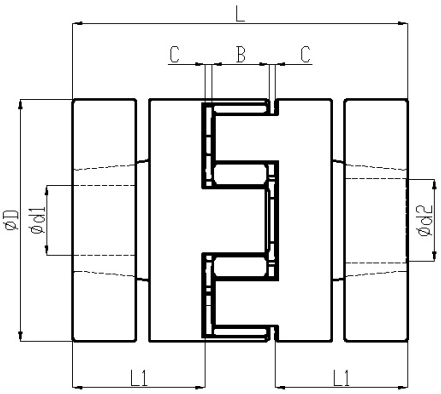
Size		Space ring Elestic strength (Color)	Ød1&Ød2 Options * Ød1≦Ød2						L	L1	B	C	Cinch Bolt	
Model	ØD		26	28	29.2	32	36	38					M	Lock Torque (N.m)
FASE	65	98sh A(R) 92sh A(W)	●	●	●	●	●	●	90	35	15	2.5	M5	7
	80		●	●	●	●	●	●	114	45	18	3	M6	12
	95			●	●	●	●	●	126	50	20	3	M8	30
	105				●	●	●	●	140	56	21	3.5	M10	59

◆Moment of inertial torque and weight calculated by maximum diameter

Specifications		Allowable Torque (N.m)		Allowable Angle Mis-alignment	Allowable Parallel Mis-alignment (mm)		Allowable Axile Mis-alignment (mm)	Static torsional stiffness (N · m/rad)		Max. RPM (r/min^{-1})	Moment of inertia (kg • m)	Weight (g)
Model	ØD	R	W		R(紅)	W(白)		R(紅)	W(白)			
FACE	65	190	95	0.9°	0.1	0.1	1.2	2600	1600	11700	$1.7*10^{-4}$	240
	80	380	190				1.2	4900	3000	9550	$5.17*10^{-4}$	490
	95	530	265				1.2	2600	1600	8250	$11.17*10^{-4}$	772
	105	620	310				1.2	4900	3000	7200	$18.81*10^{-4}$	1066

FCSE





Component	Material	Surface finished	Accessories
Main frame	Mid-carbon steel	—	Clamp screw
Space ring	Urethane(PU)	—	

Size		Space ring Elestic strength (Color)	Ød1&Ød2 Options * Ød1≦Ød2						L	L1	B	C	Cinch Bolt	
Model	ØD		26	28	29.2	32	36	38					M	Lock Torque (N.m)
FCSE	65	98sh A(R) 92sh A(W)	●	●	●	●	●	●	90	35	15	2.5	M5	7
	80		●	●	●	●	●	●	114	45	18	3	M6	12
	95			●	●	●	●	●	126	50	20	3	M8	30
	105				●	●	●	●	140	56	21	3.5	M10	59