SEC Couplings

Type Remarks:

SEC - □ - □ - □

Diamater of axle of d2
Diamster of axle of d1
Outer diamater
Series no.

1.Aluminium flexible coupling introduction:

Aluminium flexible couplings are offered in the industrys largest variety of stock bore/keyway combinations. These couplings require no lubrication and provide highly reliable service for light, medium, and heavy duty electrical motor and internal combustion power transmission applications. Applications include power transmission to industrial equipment such as pumps, gear boxes, compressors, blowers, mixers, and conveyors.

2.Our a**luminium flexible coupling details are as follow:**

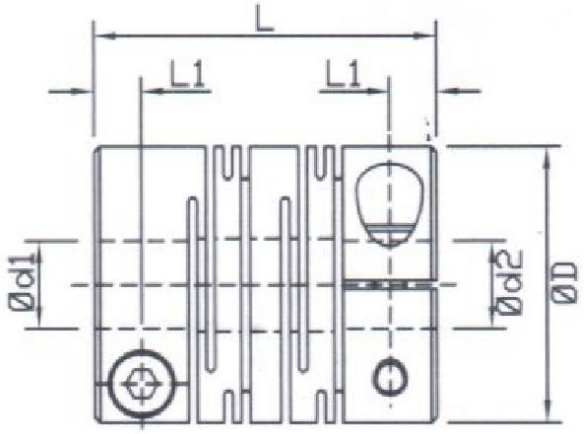
1.Materail: Aluminium alloy or steel,TPU,NBR rubber etc.
2.Elastic Spider: Three type of Elatic Spider can be choosed 86SH. A 92SH. A 98SH. A
3.Surface treatment: black finished / Anodizing.
4.High sensitivity High torque rigid Zero back lash.
5.Type of shaft lock: Setscrew or Clamp type.
6.Rotation character of clockwise or anti-clockwise are exactly the same.
7.Coupling assembled by pressing a polyurethane sleeve into hubs on both sides.

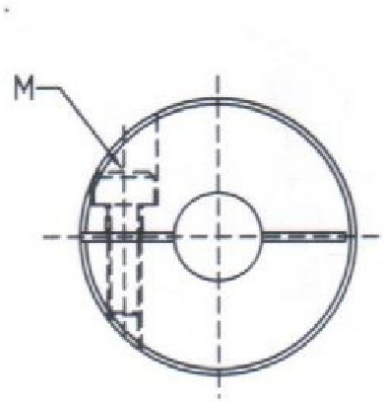
3.Our Features:

1.Zero backlash.
2. Small volume and large transmitted torque.
3.Free maintenance,oil-resist and anti-corrosiveness.
4. Easy pulling out and install.
5.Stock to ensure a prompt delivery within one week.
6. High-performance with competitive prices.

4: Coupling sizes:

Model	The inner diameter of the sheft diameter		D	L	L1	M	Tightening torque [N.m]
	Min	Max					
SEC-12	3	5	12	18.5	2.50	M2	0.5
SEC-16	3	6	16	23	3.25	M2.5	1.0
SEC-20	4	8	20	26	3.75	M2.5	1.0
SEC-25	5	10	25	31	4.25	M3	1.5
SEC-32	8	14	32	41	6.00	M4	2.5
SEC-40	10	18	40	56	8.50	M5	7.0
SEC-50	12	20	50	71	10.50	M6	12.0
SEC-63	14	24	63	90	13.00	M8	16.0





5:Technical date:

Model	Rated torque		Maximum Speed	Inertia moment	Static torque rigidity	Maximum allowed deviation			Weight [g]
	Nominal [N.m]	Max [N.m]	[r/min]	[kg-m^2]	[N.m/rad]	Radial direction [mm]	Angle [.]	Axial [mm]	
SEC-12	0.4	0.8	12000	7.8×10^{-8}	45	0.10	2	±0.2	3.6
SEC-16	0.5	1	9000	3.4×10^{-7}	80	0.10	2	±0.3	9.2
SEC-20	1	2	7500	9.1×10^{-7}	170	0.10	2	±0.3	16
SEC-25	2	4	6000	2.6×10^{-6}	380	0.15	2	±0.4	28
SEC-32	4	8	4600	9.7×10^{-6}	500	0.15	2	±0.5	64
SEC-40	8	16	3600	3.3×10^{-5}	600	0.20	2	±0.5	140
SEC-50	13	26	3000	9.0×10^{-5}	780	0.20	2	±0.5	272
SEC-63	22	44	2200	3.1×10^{-4}	1000	0.20	2	±0.5	530