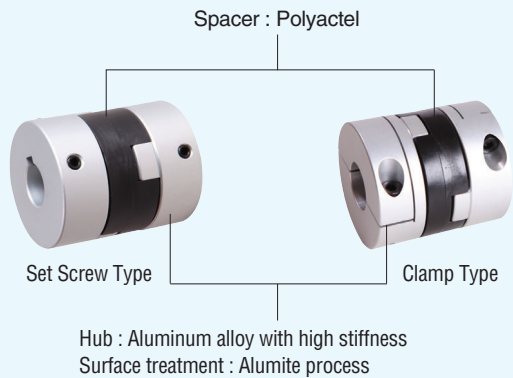




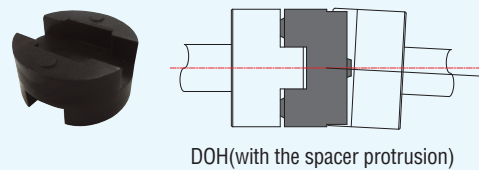
Features

- Bigger eccentricity and declination allowed as Hub and space are slipped.
- Less shaft load caused by misalignment, So reduce to force to the shaft.
- Absorbs the angularity which is easy for spacer Protrusion.
- Absorption vibration and electric insulation.
- It is easy to assemble. (Easy replacement)
- Usable temperature is -20°C~80°C

Structure & material



Advantage of Spacer



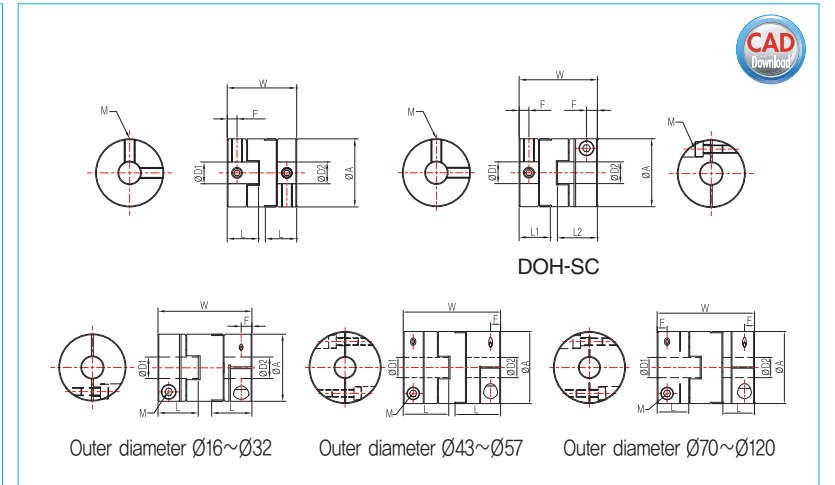
As the existing time Oldham type coupling without the spacer protrusion interferes outside diameter by spacer and hub, the error of angularity is less and a bending moment is occurred in the shaft. However DOH type absorbs the angularity which is easy as protrusion and has no bending moment. It lessens the shaft load allowing the error of angularity with large protrusion of the space without problem.

Usage

- Servo motor
- Stepping motor
- General wide use motor
- Encoder

Others

- All products are included set screw and cap screw.
- We can supply nonstandard Inner Diameter and key seat.
- We encourage h7 for tolerance of Inner Diameter.
- We can penetrate into spacer.



Product NO.	Dimension(mm)					Tightening Screw		Rated Torque	Max. Torque	Max. RPM	Moment of Inertia	Torsional Stiffness	Angle	Parallel	End Play	Mass
	A	L		W	F	Size	Torque									
		L1	L2			M	N · m									
DOH-16	16	8.1	18	2.5	M3	0.7	1	2	39,000	2.4 × 10 ⁻⁷	65	2	1	0.1	8	
DOH-20	20	9	20	2.7	M4	1.7	1.5	3	31,000	8.1 × 10 ⁻⁷	120	2	1.5	0.1	14	
DOH-25	25	11.5	25.5	3.6	M4	1.7	2.5	5	25,000	1.8 × 10 ⁻⁶	200	2	2	0.1	27	
DOH-32	32	14.5	32	4	M5	4	7	14	19,000	3.0 × 10 ⁻⁶	620	2	2.5	0.2	48	
DOH-43	43	24	52	8.25	M5	4	15	30	15,000	3.9 × 10 ⁻⁵	1,200	2	3	0.2	140	
DOH-53	53	27	58	9.75	M6	7	25	50	12,000	6.7 × 10 ⁻⁵	1,400	2	3.5	0.2	250	
DOH-57	57	36	77	13.5	M8	15	36	72	10,000	2.2 × 10 ⁻⁴	2,600	2	4	0.2	350	
DOH-70	73	37	77	12.5	M8	15	65	130	7,000	4.5 × 10 ⁻⁴	4,800	2	4	0.2	550	
DOH-16C	16	10.9	23.6	2.9	M2.5	1	1	2	39,000	3.7 × 10 ⁻⁷	65	2	1.0	0.1	9	
DOH-20C	20	11.7	25.5	3.2	M2.5	1	1.5	3	31,000	9.3 × 10 ⁻⁷	120	2	1.5	0.1	16	
DOH-25C	25	14.7	32	4	M3	2	2.5	5	25,000	3.3 × 10 ⁻⁶	200	2	2	0.1	30	
DOH-32C	32	21	45	5.4	M4	4	7	14	19,000	1.4 × 10 ⁻⁵	620	2	2.5	0.2	60	
DOH-43C	43	24	52	6.2	M5	8	15	30	15,000	4.3 × 10 ⁻⁵	1,200	2	3	0.2	150	
DOH-53C	53	27	58	7	M5	8	25	50	12,000	1.2 × 10 ⁻⁴	1,400	2	3.5	0.2	250	
DOH-57C	57	36	77	7.9	M6	13	36	72	10,000	1.8 × 10 ⁻⁴	2,600	2	3.5	0.2	315	
DOH-70C	73	28	83	10	M8	30	65	130	7,000	5.4 × 10 ⁻⁴	2,000	2	3.5	0.2	670	
DOH-90C	88	33.5	98.7	13	M10	50	105	210	5,000	1.2 × 10 ⁻³	2,500	2	4	0.35	1,240	
DOH-120C	118	40.5	138.7	18	M12	90	200	400	4,000	6.5 × 10 ⁻³	6,300	2	4.5	0.4	2,600	
DOH-16SC	16	8.1	10.9	20.8	2.5/2.9	M3/M2.5	0.7/1	1	2	39,000	2.9 × 10 ⁻⁷	65	2	1	0.1	7.5
DOH-20SC	20	9	11.7	22.8	2.7/3.2	M4/M2.5	1.7/1	1.5	3	31,000	9.0 × 10 ⁻⁷	120	2	1.5	0.1	15.5
DOH-25SC	25	11.5	14.7	28.8	3.6/4	M4/M3	1.7/2	2.5	5	25,000	2.6 × 10 ⁻⁶	200	2	2	0.1	27
DOH-32SC	32	14.5	21	38.5	4 / 5.4	M5/M4	4/4	7	14	19,000	1.1 × 10 ⁻⁵	620	2	2.5	0.2	70

Set screw is one in the hub of 16-DOH

Mass and Moment of inertia are measured with max bore size.

Product NO.	Standard Inner diameter(D1, D2) (mm)																											
	3	4	5	6	6.35	8	9.525	10	12	14	15	16	18	20	22	24	25	28	30	32	34	35	40	42	45	50	55	60
DOH-16	•	•	•	•	•																							
DOH-20		•	•	•	•	•	•																					
DOH-25			•	•	•	•	•	•																				
DOH-32				•	•	•	•	•	•	•	•	•	•															
DOH-43						•	•	•	•	•	•	•	•	•														
DOH-53							•	•	•	•	•	•	•	•	•	•												
DOH-57										•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DOH-70											•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DOH-90												•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
DOH-120																		•	•	•	•	•	•	•	•	•	•	•

○ : Axis penetration is impossible.