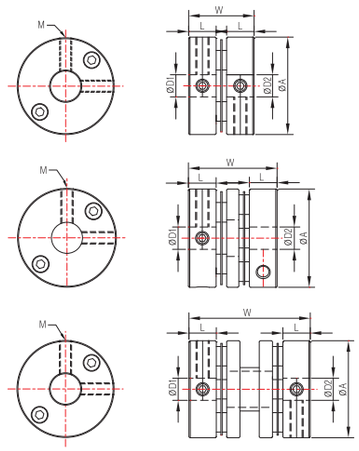
Coupling

DRS | DRW | DRA (Set Screw Type)

Order method: DRW–31–Ø8×Ø10 (Product No. – D1 – D2)



Product NO.	Dimension(mm)			Tightening Screw		Rated. Torque	Max. Torque	Max. RPM	Moment of Inertia	Torsional Stiffness	Angle	Parallel	End Play	Mass
				Size	Torque									
	A	L	W	M	N · m	N · m	N · m	min^{-1}	kg · m^2	N·m/rad	°	mm	± mm	g
DRS-16	16	5.1	11.9	M2.5	0.5	0.6	1.2	30,000	1.8×10^{-7}	270	0.5	0.02	0.1	5
DRW-16	16	5.1	15.6	M2.5	0.5	0.6	1.2	30,000	2.2×10^{-7}	200	2	0.05	0.2	6
DRWL-16	16	5.1	17.6	M2.5	0.5	0.6	1.2	30,000	2.6×10^{-7}	200	2	0.05	0.2	7
DRS-19	19	6.1	14	M3	0.7	1	2	20,000	3.0×10^{-7}	600	1	0.02	0.1	6
DRW-19	19	6.1	18	M3	0.7	1	2	20,000	5.3×10^{-7}	450	2	0.05	0.2	10
DRWL-19	19	6.1	21	M3	0.7	1	2	20,000	5.8×10^{-7}	450	2	0.05	0.2	11
DRS-22	22	6.2	14.8	M4	1.7	1.3	2.6	20,000	6.9×10^{-7}	600	1	0.02	0.2	10
DRW-22	22	6.2	19.9	M4	1.7	1.3	2.6	20,000	1.0×10^{-6}	500	2	0.12	0.2	16
DRWL-22	22	6.2	21.5	M4	1.7	1.3	2.6	20,000	1.1×10^{-6}	500	2	0.12	0.2	17
DRA-22	22	6.2	27.5	M4	1.7	1.3	2.6	20,000	1.3×10^{-6}	500	2	0.12	0.2	18
DRS-26	26	7.3	17	M4	1.7	2	4	20,000	2.0×10^{-6}	1,300	1	0.02	0.2	20
DRW-26	26	7.3	25.3	M4	1.7	2	4	20,000	2.3×10^{-6}	800	2	0.15	0.2	28
DRA-26	26	7.3	31.2	M4	1.7	2	4	20,000	3.2×10^{-6}	800	2	0.15	0.2	32
DRS-31	31.8	7.2	17.1	M4	1.7	3	6	15,000	4.4×10^{-6}	1,700	1	0.02	0.2	30
DRW-31	31.8	7.2	24.2	M4	1.7	3	6	15,000	4.3×10^{-6}	1,300	2	0.15	0.2	30
DRWL-31	31.8	7.2	29.2	M4	1.7	3	6	15,000	5.5×10^{-6}	1,300	2	0.15	0.2	38
DRA-31	31.8	7.2	35.7	M4	1.7	3	6	15,000	5.5×10^{-6}	1,300	2	0.15	0.2	38

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

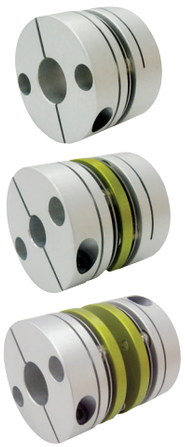
Product NO.	Standard Inner diameter(D1, D2) (mm)																	
	3	4	4.5	5	6	6.35	7	8	9	9.525	10	11	12	12.7	14	15	15.875	16
DR□-16	•	•	•	•														
DR□-19	•	•	•	•	•													
DR□-22		•	•	•	•	•	•	•										
DR□-26				•	•	•	•	•	•	•	•	•	○					
DR□-31				•	•	•	•	•	•	•	•	•	•	•	•	○	○	○

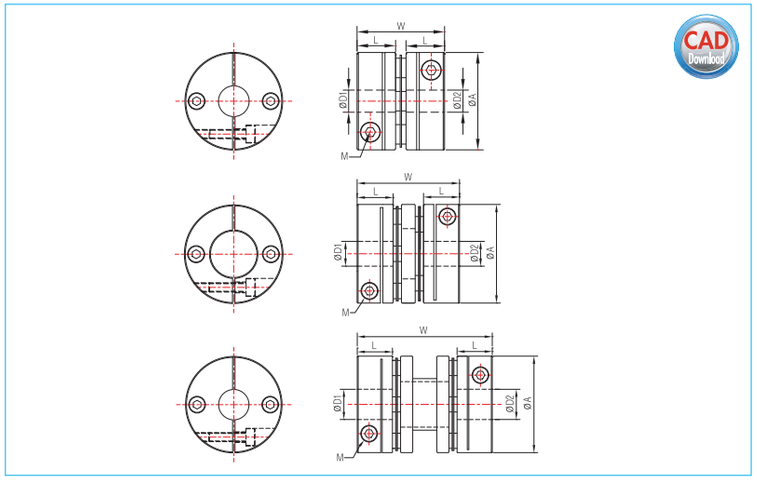
○ : Axis penetration is impossible.

Coupling

DRS | DRW | DRA (Clamp Type)

Order method: DRW–31C–Ø8×Ø10 (Product No. – D1 – D2)





Product NO.	Dimension(mm)			Tightening Screw		Rated. Torque	Max. Torque	Max. RPM	Moment of Inertia	Torsional Stiffness	Angle	Parallel	End Play	Mass
				Size	Torque									
	A	L	W	M	N · m	N · m	N · m	min^{-1}	kg · m^2	N·m/rad	°	mm	± mm	g
DRS-16C	16	7.8	17.4	M2	0.5	0.6	1.2	30,000	2.6×10^{-7}	270	0.5	0.02	0.1	7
DRW-16C	16	7.8	21	M2	0.5	0.6	1.2	30,000	3.3×10^{-7}	200	2	0.05	0.2	9
DRWL-16C	16	7.8	23	M2	0.5	0.6	1.2	30,000	3.7×10^{-7}	200	2	0.05	0.2	10
DRS-19C	19	8.7	19.2	M2.5	1	1	2	20,000	4.0×10^{-7}	600	1	0.02	0.1	8
DRW-19C	19	8.7	23	M2.5	1	1	2	20,000	7.4×10^{-7}	450	2	0.05	0.2	14
DRWL-19C	19	8.7	26.2	M2.5	1	1	2	20,000	7.9×10^{-7}	450	2	0.05	0.2	15
DRS-22C	22	8.7	19.8	M2.5	1	1.3	2.6	20,000	1.0×10^{-6}	600	1	0.02	0.2	15
DRW-22C	22	8.7	24.9	M2.5	1	1.3	2.6	20,000	1.3×10^{-6}	500	2	0.12	0.2	18
DRWL-22C	22	8.7	26.5	M2.5	1	1.3	2.6	20,000	1.4×10^{-6}	500	2	0.12	0.2	19
DRA-22C	22	8.7	32.5	M2.5	1	1.3	2.6	20,000	1.5×10^{-6}	500	2	0.12	0.2	20
DRS-26C	26	10.7	23.8	M3	2	2	4	20,000	2.4×10^{-6}	1,300	1	0.02	0.2	15
DRW-26C	26	10.7	32	M3	2	2	4	20,000	3.4×10^{-6}	500	2	0.15	0.2	34
DRA-26C	26	10.7	38	M3	2	2	4	20,000	3.9×10^{-6}	800	2	0.15	0.2	39
DRS-31C	31.8	11.6	25.9	M3	2	3	6	15,000	5.8×10^{-6}	1,700	1	0.02	0.2	40
DRW-31C	31.8	11.6	33	M3	2	3	6	15,000	7.5×10^{-6}	1,300	2	0.15	0.2	52
DRWL-31C	31.8	11.6	38	M3	2	3	6	15,000	8.8×10^{-6}	1,300	2	0.15	0.2	60
DRA-31C	31.8	11.6	44.5	M3	2	3	6	15,000	8.8×10^{-6}	1,300	2	0.15	0.2	60
DRS-39C	39	13.6	30.9	M4	4	6	12	10,000	1.6×10^{-5}	2,300	1	0.02	0.6	70
DRW-39C	39	13.6	38.6	M4	4	6	12	10,000	2.1×10^{-5}	1,800	2	0.15	0.6	95
DRWL-39C	39	13.6	44	M4	4	6	12	10,000	2.4×10^{-5}	1,800	2	0.15	0.6	110
DRA-39C	39	13.6	56	M4	4	6	12	10,000	3.0×10^{-5}	1,800	2	0.15	0.6	120
DRSC-42C	42.5	13.6	30.9	M4	4	8	16	10,000	3.2×10^{-5}	3,500	2	0.02	0.6	95
DRWC-42C	42.5	13.6	45.2	M4	4	8	16	10,000	3.3×10^{-5}	3,500	2	0.15	0.6	120
DRSC-47C	47	16.5	37	M4	4	13	26	10,000	5.4×10^{-5}	6,000	2	0.02	0.6	140
DRWC-47C	47	16.5	49.1	M4	4	13	26	10,000	5.5×10^{-5}	6,000	2	0.15	0.6	160

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

Product NO.	Standard Inner diameter(D1, D2) (mm)																							
	3	4	4.5	5	6	6.35	7	8	9	9.525	10	11	12	12.7	14	15	15.875	16	17	18	19	20	24	25
DR□-16C	•	•	•	•																				
DR□-19C	•	•	•	•	•																			
DR□-22C		•	•	•	•	•	•	•																
DR□-26C				•	•	•	•	•	•	•	•	•	○											
DR□-31C				•	•	•	•	•	•	•	•	•	•	•	•	○	○	○						
DR□-39C					•	•	•	•	•	•	•	•	•	•	•	•	•	•	○	○	○	○		
DR□-42C					•	•	•	•	•	•	•	•	•	•	•	•	•	•	○	○	○			
DR□-47C								•	•	•	•	•	•	•	•	•	•	•	•	•	•	○	○	

○ : Axis penetration is impossible.