

ROPLEX Coupling



The benefits

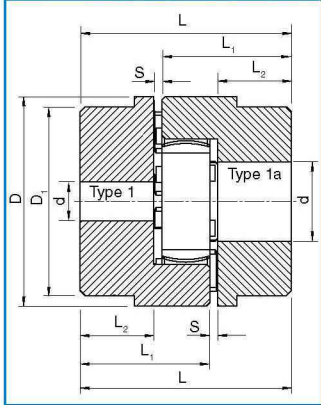


- High torque capacity for size
- Compact design
- Low weight for reduced inertia
- Machined surfaces for extended life
- Absorbs shock loads
- Vibration dampening

ROPLEX Coupling Data - Pilot bored

TYPE	Max Speed rev/min	Rated Torque 92 shore 98 shore Nm Nm		D	D ₁	d-min	d-max	S	L ₁	L ₂	L	Mass kg/hub
19 1	19000	10	17	40	32	6	19	1.0	39.0	25	65	0.19
19 1a				40	-	19	24	1.0	39.0	25	65	-
24 1	14000	35	60	56	40	9	24	1.0	46.0	30	77	0.38
24 1a				56	-	22	28	1.0	46.0	30	77	-
28 1	11800	95	160	65	48	10	28	1.5	52.5	35	89	0.62
28 1a				65	-	28	38	1.5	52.5	35	89	-
38 1	9500	190	325	80	66	12	38	1.0	66.0	45	112	1.36
38 1a				80	-	38	45	1.0	66.0	45	112	-
42 1	8000	265	450	95	75	14	42	1.0	73.0	50	124	2.03
42 1a				95	-	42	55	1.0	73.0	50	124	-
48 1	7100	310	525	105	85	15	48	1.5	80.5	56	138	2.85
48 1a				105	-	48	60	1.5	80.5	56	138	-
55 1	6300	410	685	120	98	20	55	2.0	91.0	65	158	4.32
55 1a				120	-	55	70	2.0	91.0	65	158	-
65 1	5600	625	940	135	115	22	65	1.5	105.5	75	182	6.66
65 1a				135	-	22	65	1.5	105.5	75	182	-
75 1	4750	1280	1920	160	135	30	75	1.0	120.0	85	206	10.48
75 1a				160	-	30	75	1.0	120.0	85	206	-
90 1	3750	2400	3600	200	160	40	90	1.5	139.5	100	241	17.89
90 1a				200	180	40	90	1.5	139.5	100	241	-

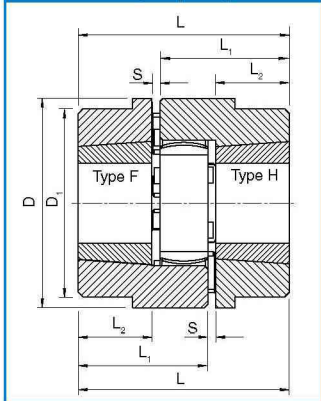
ROPLEX Coupling - Pilot bored



ROPLEX Coupling Data - Taper bored

TYPE	Max Speed rev/min	Rated Torque 92 shore 98 shore Nm Nm		Bush Size	Max Bore	D	D ₁	S	L ₁	L ₂	L	Mass kg/hub
24 F	14000	35	60	1008	25	56	-	1.0	39.0	23.0	63.0	0.31
24 H				1008	25	56	-	1.0	39.0	23.0	63.0	0.31
28 F	11800	95	160	1108	28	65	-	1.5	40.5	23.0	65.0	0.46
28 H				1108	28	65	-	1.5	40.5	23.0	65.0	0.46
38 F	9500	190	325	1108	28	80	78	1.0	44.0	23.0	68.0	0.79
38 H				1108	28	80	78	1.0	44.0	23.0	68.0	0.79
42 F	8000	265	450	1610	42	95	94	1.0	49.0	26.0	76.0	1.10
42 H				1610	42	95	94	1.0	49.0	26.0	76.0	1.10
48 F	7100	310	525	1615	42	105	104	1.5	63.5	39.0	104.0	2.07
48 H				1615	42	105	104	1.5	63.5	39.0	104.0	2.07
55 F	6300	410	685	2012	50	120	118	2.0	59.0	33.0	94.0	2.22
55 H				2012	50	120	118	2.0	59.0	33.0	94.0	2.22
65 F	5600	625	940	2012	50	135	133	1.5	63.5	33.0	98.0	3.14
65 H				2517	65	135	133	1.5	75.5	45.0	122.0	4.03
75 F	4750	1280	1920	2517	65	160	135	1.0	81.0	46.0	128.0	4.69
75 H				3020	75	160	135	1.0	87.0	52.0	140.0	4.99
90 F	3750	2400	3600	3020	75	200	160	1.5	91.5	52.0	145.0	7.74
90 H				3525	100	200	160	1.5	103.5	64.0	169.0	8.74

ROPLEX Coupling - Taper bored



ROPLEX ELEMENTS ARE AVAILABLE IN SHORE 98 (RED) HARDNESS AND SHORE 92 (YELLOW)
All dimensions in millimetres unless otherwise stated.

Never a problem always a ...



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