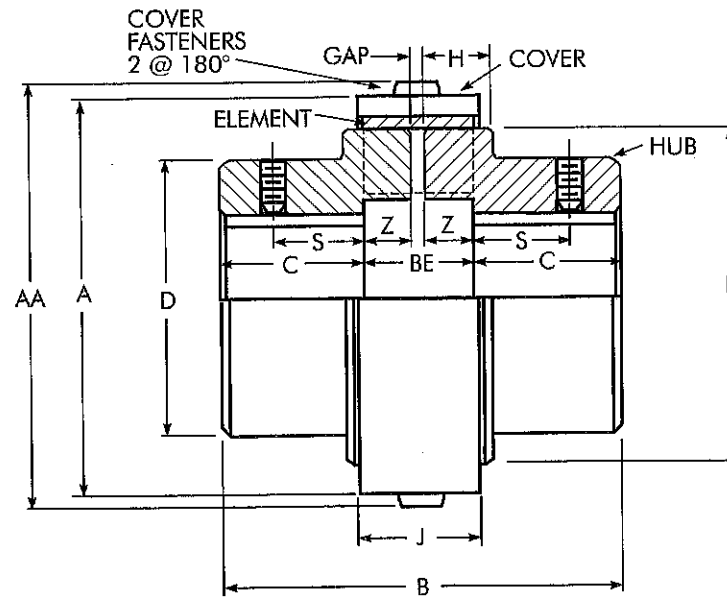


Type R10

Close Coupled Coupling/Dimensions — Millimeters



SIZE *	Torque Rating Nm †	Allow. Speed rpm	Max Bore ‡	Cplg Wt No Bore - kg		A		AA		B	BE	C	D	F	H	J		S †	Z	Gap	Cover Fasteners ▲	
				Nylon Cover	Steel Cover *	Nylon Cover	Steel Cover *	Nylon Cover	Steel Cover *							Nylon Cover	Steel Cover *				Size	Hex Head
5R	61	4 500	38,00	1,34	1,48	76,5	76,5	80,5	80,4	72,0	20,0	26	60	64	15,0	23,0	23,0	15,9	9,0	2,00	M4	M2.5
10R	121	4 500	45,00	2,48	2,70	90,5	90,5	94,5	94,4	92,0	24,0	34	72	76	19,0	28,0	28,0	22,2	11,0	2,00	M4	M2.5
20R	305	4 500	58,00	5,59	6,07	126,0	124,0	132,1	130,1	122,0	32,0	45	90	102	25,0	37,1	37,1	25,4	15,0	2,00	M6	M4
30R	497	4 500	64,00	9,37	10,0	146,5	143,0	152,6	149,1	152,0	36,0	58	105	118	29,0	42,0	41,6	31,8	17,0	2,00	M6	M4
40R	994	3 600	80,00	17,1	18,1	182,0	177,0	190,0	185,0	181,0	47,0	67	130	150	34,0	54,0	53,0	41,3	21,0	5,00	M8	M5
50R	2 500	3 000	105,00	33,7	35,6	231,0	224,0	239,0	232,0	215,0	61,0	77	170	190	46,0	69,0	67,2	44,5	28,0	5,00	M8	M5
60R	4 000	2 500	133,00	...	62,4	...	267,0	...	278,0	275,4	75,4	100	200	228	60,2	...	67,0	...	35,2	5,00	M10	M6
70R	8 000	2 100	156,00	...	98,2	...	310,0	...	321,0	324,4	84,4	120	227	270	69,7	...	75,0	...	39,7	5,00	M10	M6
80R	15 000	1 800	186,00	...	165	...	370,0	...	381,0	376,8	96,8	140	270	328	83,4	...	85,0	...	45,4	6,00	M10	M6

* See Page 5 for General Information and Common Reference Notes.

† 5R thru 50R are standard "clearance" fit with keyway and two setscrews (one over keyway & one at 90° from keyway). 60R thru 80R are standard "interference" fit with keyway and no setscrews.

* Nylon cover furnished as standard for 5R-50R. Epoxy coated steel cover available upon request. For 60R-80R, epoxy coated steel covers are standard.

▲ Cover Fasteners are ISO 7380, stainless steel, socket button-head cap screws. Two cover fasteners per coupling.

Table 4 — Taper-Lock® Bushings for Type R Hubs

COUPLING SIZE	Torque Rating		kW per rpm	HP per 100 rpm	Allow. Speed rpm	Bore Range		Bushings Size
	Nm	lb-in				mm	Inch	
5R	61	540	0.0064	0.86	4500	13-26	.500-1.125	1108
10R	121	1,070	0.0127	1.70	4500	13-32	.500-1.250	1210
20R	305	2,700	0.0320	4.28	4500	13-40	.500-1.625	1610
30R	497	4,400	0.0521	6.98	4500	13-48	.500-2.000	2012
40R	994	8,800	0.104	14.0	3600	13-63	.500-2.500	2517
50R	2 500	22,100	0.262	35.1	3000	24-75	.875-3.000	3020
60R	4 000	35,450	0.420	56.2	2500	37-109	1.438-4.438	4040
70R	8 000	70,870	0.839	112.4	2100	62-121	1.938-4.938	4545
80R	14 224	126,000	1.491	199.9	1800	75-127	2.438-5.313	5050

Table 5 — "QD" Bushings for Type R Hubs

COUPLING SIZE	Torque Rating		kW per rpm	HP per 100 rpm	Allow. Speed rpm	Bore Range		Bushings Size
	Nm	lb-in				Max mm	Inch	
5R	61	540	0.0064	0.86	4500	15-28	0.500-1.250	JA
10R	113	1,000	0.0118	1.59	4500	15-28	0.500-1.250	JA
20R	305	2,700	0.0320	4.28	4500	24-42	0.500-1.938	SD
30R	497	4,400	0.0521	6.98	4500	24-42	0.500-1.938	SD
40R	994	8,800	0.104	14.0	3600	28-65	0.500-2.938	SF
50R	2 260	20,000	0.237	31.7	3000	35-80	0.875-3.500	E
60R	4 000	35,450	0.420	56.2	2500	50-100	1.438-4.500	J
70R	♣	♣	♣	♣	2100	50-100	1.438-4.500	J
80R	♣	♣	♣	♣	1800	80-120	1.938-5.500	M▼

♣ Limited by bushing. Refer to bushing manufacturer's restrictions.

▼ 80R requires a special "M" bushing, manufactured for "reverse" mounting. Consult bushing manufacturer.