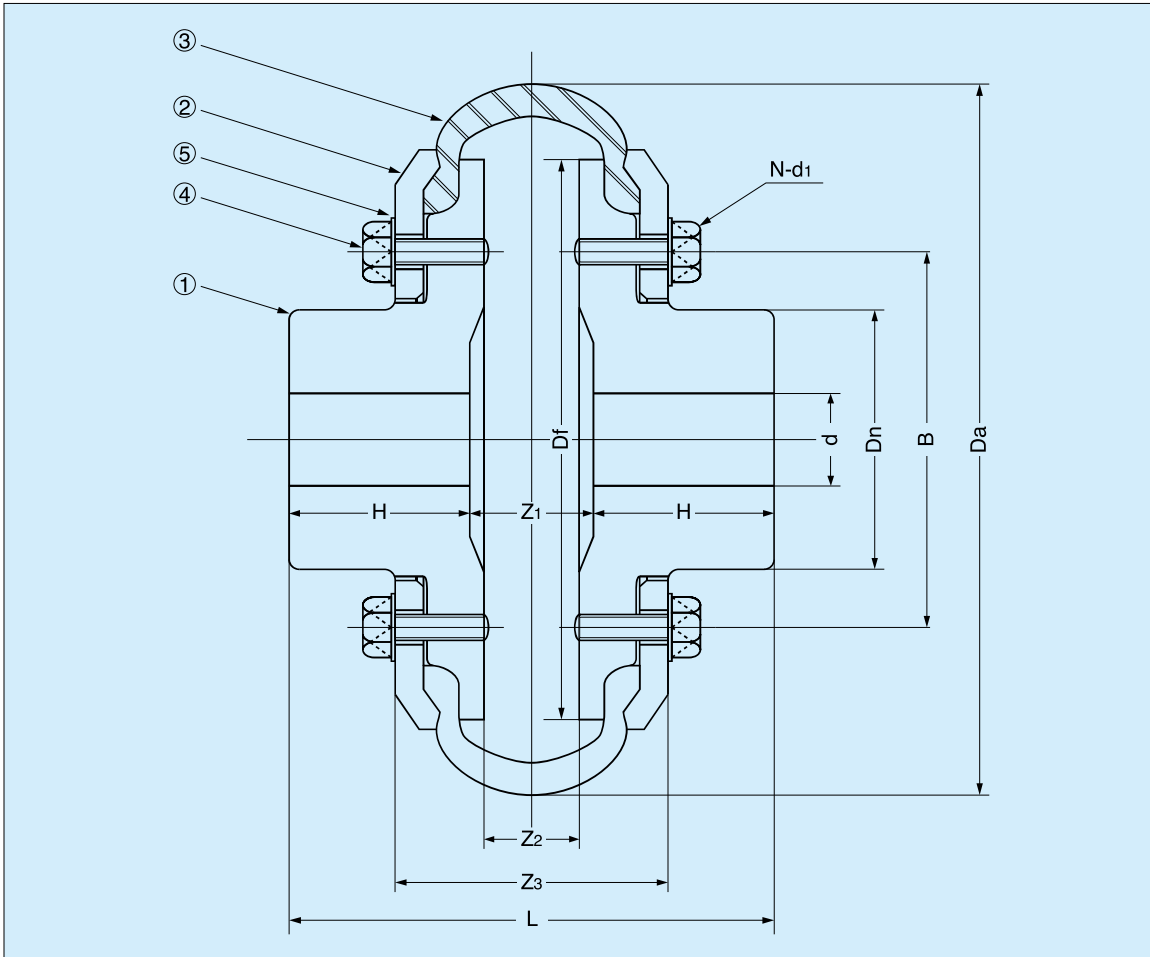
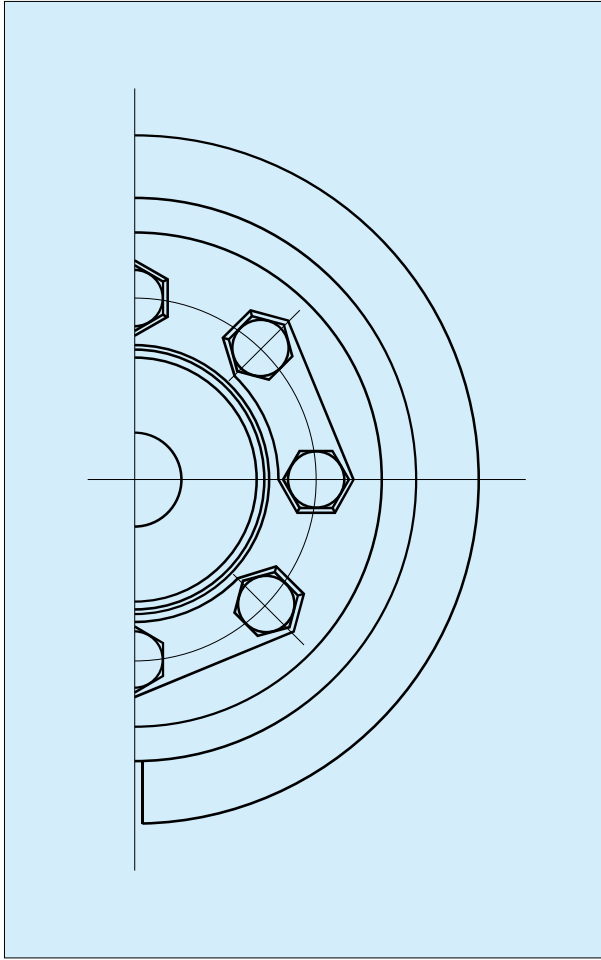


TOYO RUBBFLEX RF COUPLING SPECIFICATIONS AND DIMENSIONS



Size No.	Outer dia. Da	Bore		Outer dia. of boss Dn	Total width L	Length of single hub H	Outer dia. of hub Df	Hub separation		
		Min. d min	Max. d max					Z1	Z2	Z3
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
RF- 60	60	8	12	20	32	10.5	44	11	5	25
RF-100	100	10	22	36	66	26	80	14	10	40
RF-135	135	16	30	48	90	35	108	20	14	53
RF-180	180	23	35	64	120	46	144	28	20	70
RF-210	210	28	50	76	143	54	168	35	27	83
RF-265	265	33	60	95	178	67	210	44	32	105
RF-310	310	36	70	112	208	75	248	58	36	121
RF-400	400	40	85	145	270	100	320	70	44	153
RF-450	450	55	100	165	300	110	360	80	50	171
RF-550	550	90	130	200	365	130	440	105	53	196
RF-700	700	100	160	255	460	165	560	130	70	256

Note: (*1) The figures in this table represent standard measurements at the time of temporary assembly.



Note

1. Hub material is FC200 (except RF60 which uses SS400). If required, we can supply hubs made of SF440 (JIS).
2. Unlike other models, RF-60 uses a spring washer (SWRH4) instead of the usual SS400 common washer
3. The bore size (d) will be finished using the "d min" figure, unless otherwise specified. (Tolerance: $\phi d=0$ to -1)
4. Specify if electrical insulation between shafts is required.
5. Recommended temperature: $+20^{\circ}\text{C}$, Service temperature range: $-10\sim+60^{\circ}\text{C}$.

Prod. No.	Name	Material	Surface treatment
1	Hub	FC200	Lacquer coating
2	Pressure ring	SS400	Lacquer coating
3	Flexible element	Rubber and tire cord	—
4	Bolt	SWCH10R	Zinc electroplating
5	Common washer	SPCC	Zinc electroplating

Bolt pitch dia.	Bolt size			Max. rpm	Max. torque	Mass moment of inertia	Vibration moment	Weight	Size No.
	Number of bolts	Dia. $\times$ pitch	Length						
B	N	$d_1 \times p$	ℓ	n	T	I	GD^2	W	
mm		mm	mm	r.p.m.	N·m	N·cm·sec ²	N·m ²	kg	
29	12	M4 $\times$ 0.7	10	4,000	9.8	7.53×10^{-3}	0.0029	0.28	RF- 60
54	12	M6 $\times$ 1	15	4,000	29	0.0875	0.0343	1.21	RF-100
70	12	M8 $\times$ 1.25	20	4,000	78	0.384	0.151	2.87	RF-135
95	12	M10 $\times$ 1.5	25	3,000	147	1.51	0.588	6.38	RF-180
110	16	M10 $\times$ 1.5	30	3,000	294	3.19	1.25	9.40	RF-210
140	16	M12 $\times$ 1.75	40	2,000	736	10.1	3.96	19.0	RF-265
165	16	M12 $\times$ 1.75	45	2,000	1,230	22.4	8.77	31.0	RF-310
210	16	M16 $\times$ 2	55	1,600	2,700	79.1	31.0	70.0	RF-400
240	16	M20 $\times$ 2.5	60	1,250	4,900	139	54.6	101	RF-450
280	16	M24 $\times$ 3	75	1,000	9,810	378	148	170	RF-550
364	16	M30 $\times$ 3.5	100	800	19,600	1,260	492	358	RF-700