

# HRC Coupling

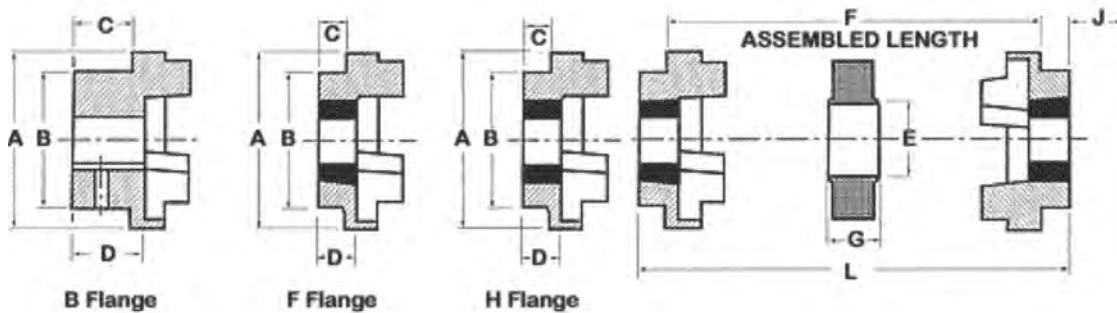
The HRC Coupling is a proven performer, consisting of two cast iron flanges and a rubber element, which performs under compression.

The modular design allows for a simple fitting and easy maintenance whilst the rubber element absorbs shock loading and compensates for marginal misalignment.

Tonson carries a full range of HRC Couplings in Pilot Bore and Taper Lock.



Coupling	A	B	E	F	G	Bush	Max. Bore		C	D	J
							mm	inch			
70	69	60	31	25	18	1008	25	1	20	23.75	29
90	85	70	32	30.5	22.5	1108	28	1 1/8	19.5	23.25	29
110	112	100	45	45	29	1610	32	1 1/4	18.5	26.75	38
130	130	105	50	53	36	1610	42	1 5/8	18	26.5	38
150	150	115	62	60	40	2012	50	2	23.5	33.5	42
180	180	125	77	73	49	2517	60	2 1/2	34.5	46.5	48
230	225	155	99	85.5	59.5	3020	75	3	39.5	52.5	55
280	275	185	119	105.5	74.5	3525	90	3 1/2	74	90	67



Coupling	Assembled Length (L) FF, FH, HH	Weight Kg	Inertia Mr <sup>2</sup> kgm	Dynamic Stiffness Nm/°	Maximum Misalignment		Nominal Torque Nm
					Parallel	Axial	
70	65	1	0.00085	-	0.3	0.2	31
90	69.5	1.17	0.00115	-	0.3	0.5	80
110	82	5	0.004	65	0.3	0.6	160
130	89	5.46	0.0078	130	0.4	0.8	315
150	107	7.11	0.0181	175	0.4	0.9	600
180	142	16.6	0.0434	229	0.4	1.1	950
230	164.5	26	0.12068	587	0.5	1.3	2000
280	207.5	55.3	0.44653	1025	0.5	1.7	3150