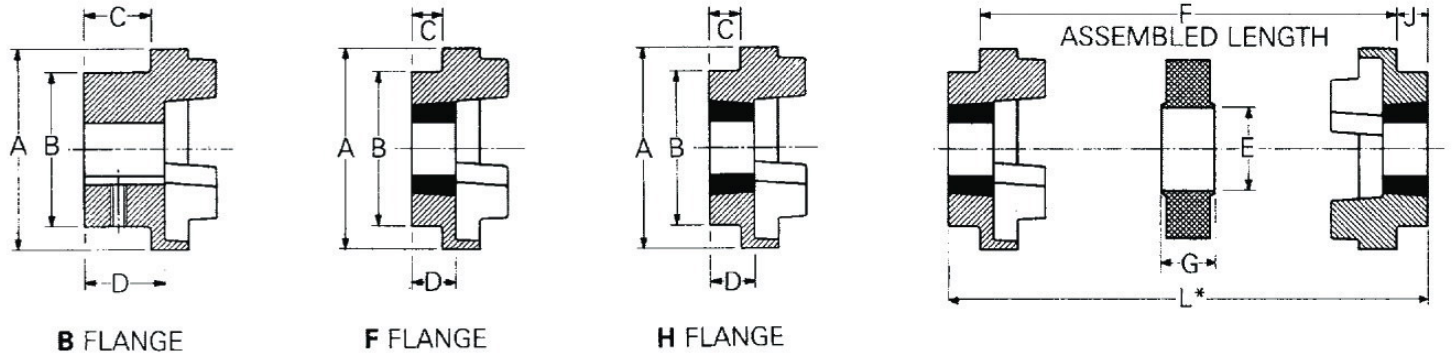


HRC Couplings Dimensions



PHYSICAL DIMENSIONS AND CHARACTERISTICS

Size	Common Dimensions					Type F & H						Type B				
	A	B	E	F ₁ †	G	Bush size	Max. Bore		C	D	J†	Bore Dia's		Screw over key	C	D
							mm	ins.				Max.	Pilot H9			
70	69	60	31	25.0	18.0	1008	25	1"	20.0	23.5	29	32	8	M 6	20	23.5
90	85	70	32	30.5	22.5	1108	28	1 1/8	19.5	23.5	29	42	10	M 6	26	30.0
110	112	100	45	45.0	29.0	1610	42	1 5/8	18.5	26.5	38	55	10	M10	37	45.0
130	130	105	50	53.0	36.0	1610	42	1 5/8	18.0	26.5	38	60	15	M10	39	47.5
150	150	115	62	60.0	40.0	2012	50	2	23.5	33.5	42	70	20	M10	46	56.0
180	180	125	77	73.0	49.0	2517	60	2 1/2	34.5	46.5	48	80	25	M10	58	70.0
230	225	155	99	85.5	59.5	3020	75	3	39.5	52.5	55	100	25	M12	77	90.0
280	275	206	119	105.5	74.5	3525	100	4	51.0	66.5	67	115	30	M16	90	105.5

† 'J' is the wrench clearance required for tightening/loosening the bush on the shaft. A shortened wrench will allow this dimension to be reduced.

† F₁ refers to combinations of flanges: FF, FH, HH, FB, HB, BB.

Bore limits H7 unless otherwise specified.

Size	Assembled Length (L*) Comprising Flange Types			Mass (kg)	Inertia Mr ² (kgm ²)	Dynamic Stiffness (Nm/°)	Maximum Misalignment		Nominal Torque (Nm)
	FF, FH, HH	FB, HB	BB				Parallel	Axial	
70	65.0	65.0	65.0	1.00	0.00085	—	0.3	+0.2	31
90	69.5	76.0	82.5	1.78	0.00115	—	0.3	+0.5	80
110	82.0	100.5	119.0	5.00	0.00400	65	0.3	+0.6	160
130	89.0	110.0	131.0	5.46	0.00780	130	0.4	+0.8	315
150	107.0	129.5	152.0	7.11	0.01810	175	0.4	+0.9	600
180	142.0	165.5	189.0	16.60	0.04340	229	0.4	+1.1	950
230	164.5	202.0	239.5	26.00	0.12068	587	0.5	+1.3	2000
280	207.5	246.5	285.5	50.00	0.44653	1025	0.5	+1.7	3150

All dimensions in millimetres unless otherwise stated.

All HRC couplings have an angular misalignment capacity of up to 1°.

Mass is for an FF, FH or HH coupling with mid range Taper Lock Bushes.