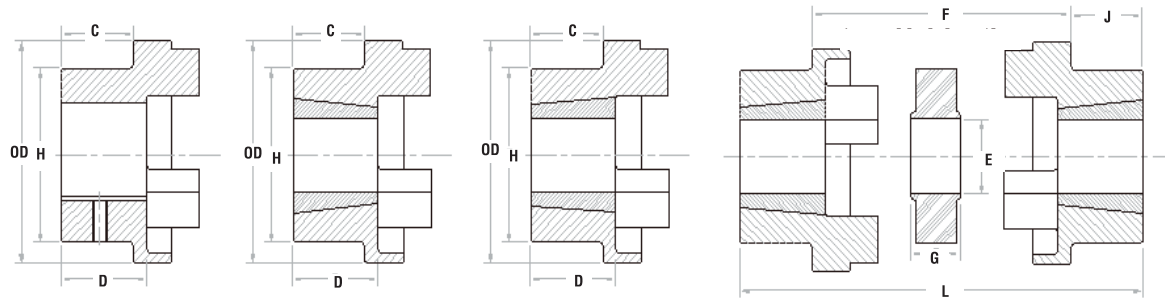
HRC Couplings



PHYSICAL DIMENSIONS AND CHARACTERISTICS

Common Dimensions						Type F&H						Type B				
Size	OD	H	E	F+	G	Bush Size	Max.Bore MM	Max.Bore Inches	C	D	J+	Bore Dia. Max.	Bore Dia. Pilot H9	Screw over key	C	D
70	69,0	60,0	31,0	25,0	18,0	1008	25	1,000	20,0	23,5	29,00	32	10	M 6	20,00	25,8
90	85,0	70,0	32,0	30,5	22,5	1108	28	1,125	19,5	23,5	29,00	38	10	M 6	26,00	30,0
110	112,0	100,0	45,0	45,0	29,0	1610	42	1,625	18,5	26,5	38,00	55	10	M10	37,00	45,3
130	130,0	105,0	50,0	54,0	36,0	1610	42	1,625	18,0	26,5	38,00	60	20	M10	39,00	47,5
150	150,0	115,0	62,0	61,0	40,0	2012	50	2,000	23,5	33,5	42,00	70	28	M10	46,00	60,0
180	180,0	125,0	77,0	74,0	49,0	2517	60	2,500	34,5	46,5	48,00	80	28	M10	58,00	70,0
230	225,0	155,0	99,0	85,5	59,5	3020	75	3,000	39,5	52,5	55,00	100	45	M12	77,00	90,0
280	275,0	206,0	119,0	105,5	74,5	3525	100	4,000	51,0	66,5	67,00	115	55	M16	90,00	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.
+ F, refers to combinations of flanges: FF, FH, HH, FB, HB, BB.
Bore limits H7 unless specified otherwise.

ASSEMBLED

Size	Assembled Length(L*) FF,FH,HH	Assembled Length(L*) FB,HB	Assembled Length(L*) BB	Mass (kg)	Inertia Mr2 (kgm2)	Dynamic Stiffness (Nm)	Maximum Misalignment Parallel	Maximum Misalignment Axial	Nominal Torque (Nm)
70	65,0	65,0	65,0	1,00	0,00085	-	0,3	+0,2	70
90	69,5	76,0	82,5	1,17	0,00115	-	0,3	+0,5	90
110	82,0	100,5	119,0	5,00	0,00400	65	0,3	+0,6	110
130	89,0	110,0	131,0	5,46	0,00780	130	0,4	+0,8	130
150	107,0	129,5	152,0	7,11	0,01810	175	0,4	+0,9	150
180	142,0	165,5	189,0	16,60	0,04340	229	0,4	+1,1	10
230	164,5	202,0	239,5	26,00	0,12068	587	0,5	+1,3	230
280	207,5	246,5	285,5	50,00	0,44653	1025	0,5	+1,7	280

Dimensions in millimeters unless otherwise specified.
All HRC Elements have an angular misalignment capacity of up to 1°.
Mass is for an FF, FH or HH coupling with mid range Taper Bushes.

ORDERING CODES

Size	Type F	Type H	Type B Unbored	Standard Element: Temper.-40°C/+100°C	FRAS Element Temper.-20°C/+80°C
70	HRC70F	HRC70H	HRC70B	HRC70NA	HRC70FR
90	HRC90F	HRC90H	HRC90B	HRC90NA	HRC90FR
110	HRC110F	HRC110H	HRC110B	HRC110NA	HRC110FR
130	HRC130F	HRC130H	HRC130B	HRC130NA	HRC130FR
150	HRC150F	HRC150H	HRC150B	HRC150NA	HRC150FR
180	HRC180F	HRC180H	HRC180B	HRC180NA	HRC180FR
230	HRC230F	HRC230H	HRC230B	HRC230NA	HRC230FR
280	HRC280F	HRC280H	HRC280B	HRC280NA	HRC280FR

Note: For details of HRC couplings suitable for application to drives involving SAE engine flywheels
Type B flanges can be supplied finished bored, with keyway if required.

Lindis
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