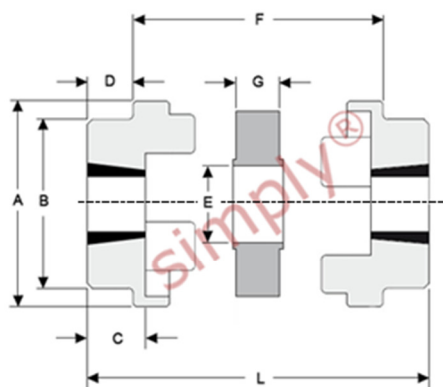
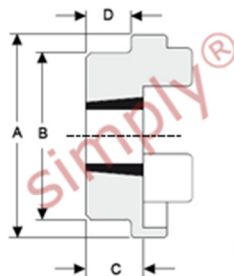


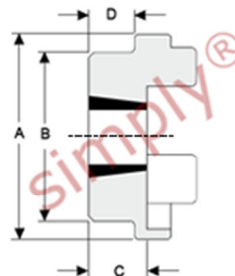
HRC COUPLING ENGINEERING DATA



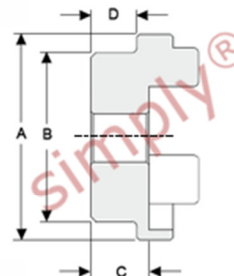
HRC Assembly



F Flange
(Taper Bore)



H Flange
(Taper Bore)



B Flange
(Pilot Bore)

Coupling No.	Nominal Torque Nm	Overall Diameter A	Hub Diameter B	Flange Length F	Insert Bore Dia E	Insert Width G	Parallel Misalignment	Weight (kg)	Assembled Length L		
									FF, FH, HH ¹	FB, HB ²	BB ³
HRC70	31	69	60	25.5	31	18.5	0.3	1	65.5	65.5	65.5
HRC90	80	85	70	30.5	32	22.5	0.3	1.17	69.5	76.5	82.5
HRC110	160	112	100	45.5	45	29.5	0.3	5	82.5	100.5	119.5
HRC130	315	130	105	53.5	50	36.5	0.4	5.46	89.5	110.5	131.5
HRC150	600	150	115	60.5	62	40.5	0.4	7.11	107.5	129.5	152.5
HRC180	950	180	125	73.5	77	49.5	0.4	16.65	142.5	165.5	189.5
HRC230	2000	225	155	85.5	99	59.5	0.5	26.05	164.5	202.5	239.5
HRC280	3150	275	206	105.5	119	74.5	0.5	50.05	207.5	246.5	285.5

Angular misalignment capacity up to 1 deg.

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

F refers to combinations of flanges: FF, FH, HH, FB, HB, BB

¹ Dimension L where 2 x F type flanges are used together or and F type flange with a H type flange or where 2 x H type flanges are used together.

² Dimension L where an F type flange is used with a B type flange or a H Type flange is used with a B type flange.

³ Dimension L where a B type flange is used on both sides.

Coupling No.	HRC TYPE F&H					HRC TYPE B				
	Bush Size	mm	Inch	Shoulder Width D	Hub Width C	Max Bore (mm)	Pilot Bore (mm)	Keyway Screw Size	Shoulder Width D	Hub Width C
HRC70	1008	25	1	20	23.5	32	8	M6	20	23.5
HRC90	1108	28	1.1/8	19.5	23.5	42	10	M6	26	30.5
HRC110	1610	42	1.5/8	18.5	26.5	55	10	M10	37	45.5
HRC130	1610	42	1.5/8	18	26.5	60	15	M10	39	47.5
HRC150	2012	50	2	23.5	33.5	70	20	M10	46	56.5
HRC180	2517	60	2.1/2	34.5	46.5	80	25	M10	58	70.5
HRC230	3020	75	3	39.5	52.5	100	25	M12	77	90.5
HRC280	3525	100	4	51	66.5	115	30	M16	90	105.5



HRC COUPLING POWER RATINGS

Speed RPM	Coupling Size (kW)							
	70	90	110	130	150	180	230	280
100	0.33	0.84	1.68	3.3	6.28	9.95	20.9	33
200	0.66	1.68	3.35	6.6	12.6	19.9	41.9	65
400	1.32	3.35	6.7	13.2	25.1	39.8	83.8	132
600	1.98	5.03	10.1	19.8	37.7	59.7	126	198
720	2.37	6.03	12.1	23.8	45.2	71.6	151	238
800	2.64	6.7	13.4	26.4	50.3	79.6	168	264
960	3.17	8.04	16.1	31.7	60.3	95.5	201	317
1200	3.96	10.1	20.1	39.6	75.4	119	251	396
1440	4.75	12.1	24.1	47.5	90.5	143	302	475
1600	5.28	13.4	26.8	52.8	101	159	335	528
1800	5.94	15.1	30.2	59.4	113	179	377	594
2000	6.6	16.8	33.5	66	126	199	419	660
2200	7.26	18.4	36.9	72.6	138	219	461	726
2400	7.92	20.1	40.2	79.2	151	239	503	-
2600	8.58	21.8	43.6	85.8	163	259	545	-
2880	9.5	24.1	48.3	95	181	286	-	-
3000	9.9	25.1	50.3	99	188	298	-	-
3600	11.9	30.1	60.3	118	226	-	-	-
Nominal Torque (Nm)	31.5	80	160	315	600	950	2000	3150
Max Torque (Nm)	72	180	360	720	1500	2350	5000	7200