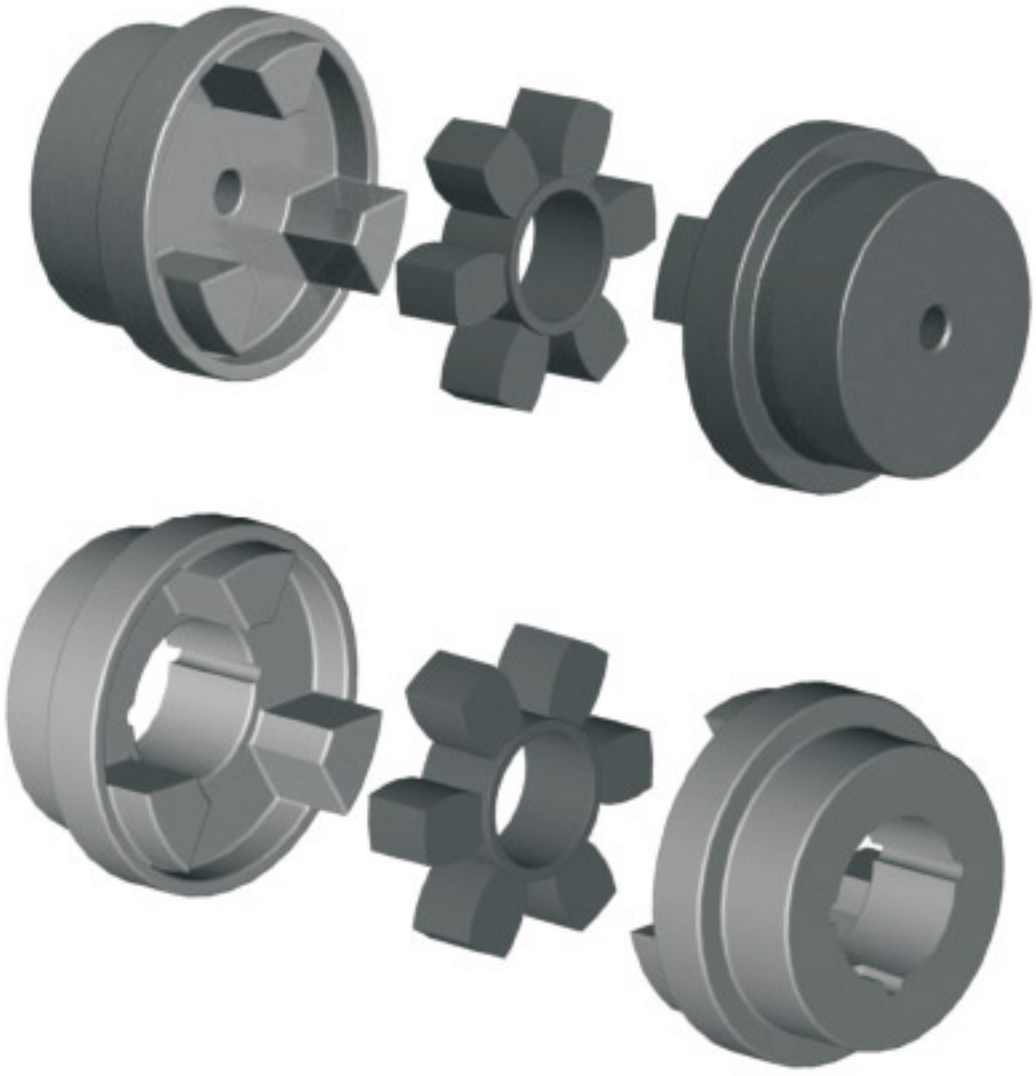
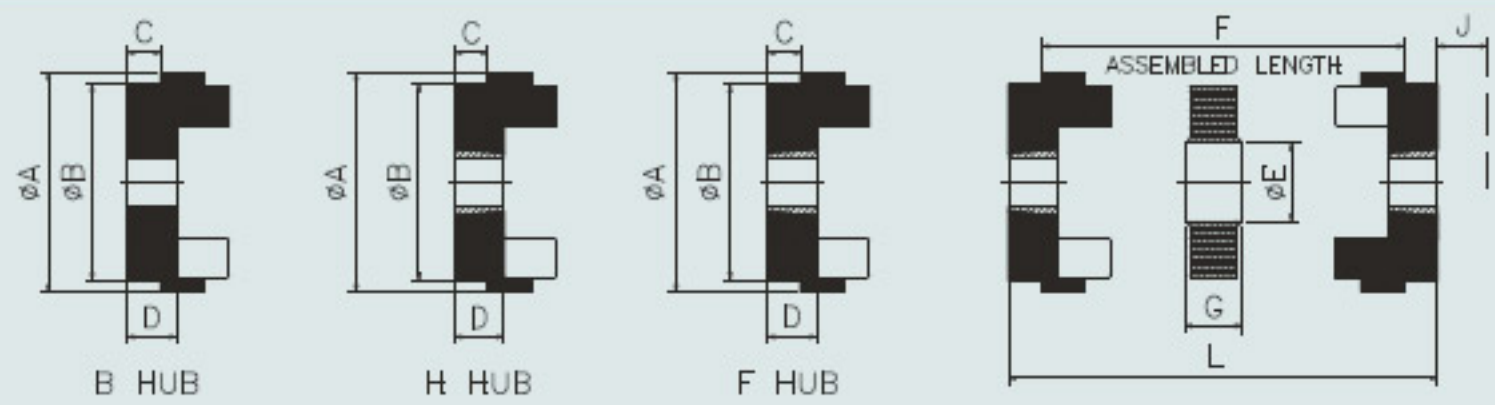
Yashimpex

XRC JAW CURVE COUPLING



2C

2C... XRC JAW Curve Coupling



PHYSICAL DIMENSIONS AND CHARACTERISTICS

	Common Dimensions					Type F & H						Type B				
							Max. Bore					Bore Dia's				
Model	A	B	E	F_1‡	G	Bush size	mm	ins.	C	D	J†	Max.	Pilot H9	Screw over key	C	D
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	1⅛	19.5	23.5	29	42	10	M 6	26	30.0
110	112	100	45	45.0	29.0	1610	42	1⅝	18.5	26.5	38	55	10	M10	37	45.0
130	130	105	50	53.0	36.0	1610	42	1⅝	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	2½	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.
‡ F_1 refers to combinations of flanges: FF, FH, HH, FB, HB, BB. Bore limits H7 unless otherwise specified.

POWER RATINGS (KW)

Speed rev/min	Coupling Size							
	70	**90**	**110**	**130**	**150**	**180**	**230**	**280**
100	0.33	0.84	1.68	3.30	6.28	9.95	20.90	33.00
200	0.66	1.68	3.35	6.60	12.60	19.90	41.90	65.00
400	1.32	3.35	6.70	13.20	25.10	39.80	83.80	132.00
600	1.98	5.03	10.10	19.80	37.70	59.70	126.00	198.00
720	**2.37**	**6.03**	**12.10**	**23.80**	**45.20**	**71.60**	**151.00**	**238.00**
800	2.64	6.70	13.40	26.40	50.30	79.60	168.00	264.00
960	**3.17**	**8.04**	**16.10**	**31.70**	**60.30**	**95.50**	**201.00**	**317.00**
1200	3.96	10.10	20.10	39.60	75.40	119.00	251.00	396.00
1440	**4.75**	**12.10**	**24.10**	**47.50**	**90.50**	**143.00**	**302.00**	**475.00**
1600	5.28	13.40	26.80	52.80	101.00	159.00	335.00	528.00
1800	5.94	15.10	30.20	59.40	113.00	179.00	377.00	594.00
2000	6.60	16.80	33.50	66.00	126.00	199.00	419.00	660.00
2200	7.26	18.40	36.90	72.60	138.00	219.00	461.00	726.00
2400	7.92	20.10	40.20	79.20	151.00	239.00	503.00	
2600	8.58	21.80	43.60	85.80	163.00	259.00	545.00	
2880	**9.50**	**24.10**	**48.30**	**95.00**	**181.00**	**286.00**		
3000	9.90	25.10	50.30	99.00	188.00	298.00		
3600	11.90	30.10	60.30	118.00	226.00			
Nominal Torque (Nm)	31.5	80	160	315	600	950	2000	3150
Max Torque (Nm)	72	180	360	720	1500	2350	5000	7200

For speeds below 100 rev/min, and intermediate speeds, use nominal torque ratings.
* Maximum coupling speeds are calculated using an allowable peripheral speed for the hub material. For selection of smaller sizes with speeds in excess of 3600 rev/min – Consult Us

Model	Assembled Length (L*) Comprising Flange Types			Mass (kg)	Inertia Mr^2 (kgm^2)	Dynamic Stiffness ($Nm/^o$)	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 XRC 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.
All dimensions are in mm unless otherwise specified. In view of our constant endeavor to improve the quality of our products, we reserve the right to alter or change specifications without prior notice.