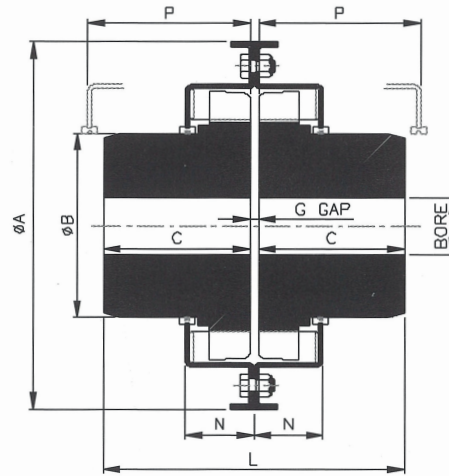
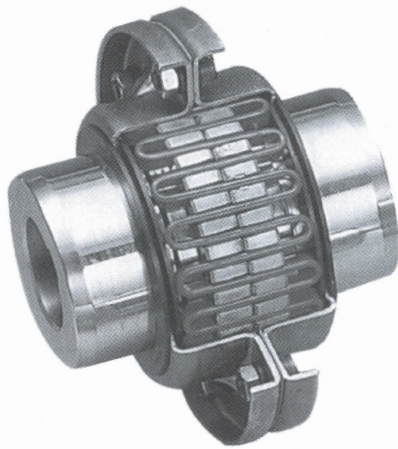


TAPER GRID COUPLINGS TYPE RGTV

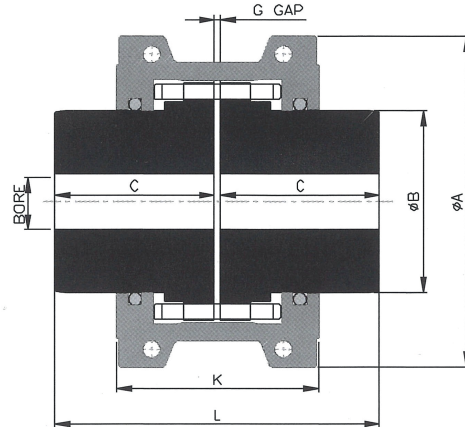
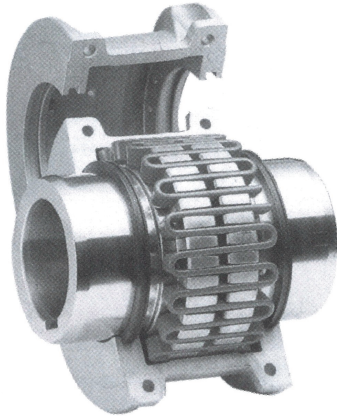


- Vertical split cover: Ideal for higher running speeds and general purpose applications.
- Lubrication fittings: One or more lube holes in each half cover makes for easier lubrication. Fill through one and remove other plug for venting.
- Seals: Durable synthetic material prevents loss of lubricant & entrance of water, dust or other foreign materials.
- Hubs: Made of steel for maximum strength.
- Taper Grid: Made of high strength steel, quenched and tempered to spring hardness.

TECHNICAL DATA

Coupling Size	KW at 100 RPM	Basic Torque (Nm)	Max. Speed (rpm)	PB	Bore Dia (mm)		Dimensions (mm)						Gap (mm)	Lube weight (Kg)	Weight In (kg)
					Min.	Max.	ØA	ØB	C	L	N	P			
1020	0.54	52	6000	16	18	30	111.0	39.7	47.5	98.0	24.0	47.5	3.0	0.030	2.0
1030	1.56	149	6000	16	18	36	121.0	49.2	47.5	98.0	25.0	47.5	3.0	0.030	2.6
1040	2.61	249	6000	16	18	44	128.5	57.1	51.0	104.5	25.5	51.0	3.0	0.050	3.4
1050	4.56	435	6000	16	18	51	147.5	66.7	60.5	123.5	31.0	60.5	3.0	0.050	5.4
1060	7.16	684	6000	18	20	56	162.0	76.2	63.5	130.0	32.0	63.5	3.0	0.090	7.3
1070	10.41	994	5500	18	20	67	173.0	87.3	76.0	155.5	33.5	76.0	3.0	0.110	10.4
1080	21.47	2050	4750	25	27	80	200.0	104.8	89.0	181.0	44.0	89.0	3.0	0.170	17.7
1090	39.06	3730	4000	25	27	95	232.0	123.8	98.5	200.0	47.5	98.5	3.0	0.250	25.4
1100	65.76	6280	3250	39	42	110	267.0	142.0	120.5	245.5	60.0	120.5	4.5	0.430	42.2
1110	97.60	9320	3000	39	42	120	286.0	160.3	127.0	258.5	64.0	127.0	4.5	0.510	54.4
1120	143.47	13700	2700	58	61	140	319.0	179.4	149.0	304.5	73.5	149.0	6.0	0.730	81.6
1130	208.39	19900	2400	64	67	170	378.0	217.5	162.0	330.0	75.0	162.0	6.0	0.910	122.5
1140	299.50	28600	2200	64	67	200	416.0	254.0	184.0	371.5	78.0	184.0	6.0	1.130	180.1
1150	416.78	39800	2000	104	108	215	476.5	269.2	183.0	372.0	107.0	183.0	6.0	1.950	230.0
1160	585.38	55900	1750	117	121	240	533.5	304.8	198.0	402.0	114.5	198.0	6.0	2.810	321.1
1170	781.21	74600	1600	130	134	280	584.0	355.6	216.0	438.0	120.0	216.0	6.0	3.490	448.2
1180	1078.61	103000	1400	149	153	300	630.0	393.7	239.0	483.5	130.0	239.0	6.0	3.760	591.0
1190	1434.66	137000	1300	149	153	335	685.0	436.9	260.0	524.5	135.0	259.0	6.0	4.400	761.0
1200	1947.79	186000	1100	174	178	360	737.0	497.8	279.5	565.0	145.0	279.5	6.0	5.620	1021.0

TAPER GRID COUPLINGS TYPE RGTH



Features

- Torsionally Flexible.
- Vibration dampening - reduced peak / shock loads.
- Accommodates angular, parallel & axial misalignments.
- Low operating cost.
- Smooth & quiet operation.
- Low & easy maintenance.
- Overload conditions cause the grid element to shear, like a mechanical fuse.
- Quick & easy installation.

TECHNICAL DATA

Coupling Size	KW at 100 rpm	Basic Torque (Nm)	Max. Speed (rpm)	PB	Bore Dia (mm)		Dimensions (mm)					Gap (mm)	Lube weight (kg)	Weight In (kg)
					Min.	Max.	ØA	ØB	C	K	L			
1020	0.54	52	4500	16	18	30	101.5	39.7	47.5	66.5	98.0	3.0	0.03	1.9
1030	1.56	149	4500	16	18	36	110.0	49.2	47.5	68.0	98.0	3.0	0.03	2.6
1040	2.61	249	4500	16	18	44	117.5	57.1	51.0	70.0	104.5	3.0	0.05	3.4
1050	4.56	435	4500	16	18	51	138.0	66.7	60.0	79.5	123.5	3.0	0.05	5.4
1060	7.16	684	4350	18	20	56	150.5	76.2	63.5	92.0	130.0	3.0	0.09	7.3
1070	10.41	994	4125	18	20	67	162.0	87.3	76.0	95.0	155.5	3.0	0.11	10.0
1080	21.47	2050	3600	25	27	80	194.0	104.8	89.0	116.0	181.0	3.0	0.17	18.0
1090	39.06	3730	3600	25	27	95	213.0	123.8	98.5	122.0	200.0	3.0	0.25	25.0
1100	65.76	6280	2400	39	42	110	250.0	142.0	120.5	155.5	245.5	4.5	0.43	42.0
1110	97.60	9320	2250	39	42	120	270.0	160.3	127.0	161.5	258.5	4.5	0.51	54.0
1120	143.47	13700	2025	58	61	140	308.0	179.4	149.5	191.5	304.5	6.0	0.73	81.0
1130	208.39	19900	1800	64	67	170	346.0	217.5	162.0	195.0	330.0	6.0	0.91	121.0
1140	299.50	28600	1650	64	67	200	384.0	254.0	184.0	201.0	371.5	6.0	1.13	178.0
1150	416.78	39800	1500	104	108	215	453.0	269.2	183.0	271.0	372.0	6.0	1.95	234.0
1160	585.38	55900	1350	117	121	240	501.5	304.8	198.0	279.0	402.0	6.0	2.81	317.0
1170	781.21	74600	1225	130	134	280	566.5	355.6	216.0	304.0	438.0	6.0	3.49	448.0
1180	1078.61	103000	1100	149	153	300	630.0	393.7	239.0	321.0	483.5	6.0	3.76	619.0
1190	1434.66	137000	1050	149	153	335	675.5	436.9	259.0	325.0	524.5	6.0	4.40	776.0
1200	1947.79	186000	900	174	178	360	757.0	497.8	279.5	355.5	565.0	6.0	5.62	1058.0
1210	2607.52	249000	820	174	178	390	844.5	533.4	305.0	432.0	622.5	12.7	10.50	1424.0
1220	3518.58	336000	730	199	203	420	920.5	571.5	325.1	490.0	663.0	12.7	16.10	1785.0

Lubrication:

For quality lubrication to get good performance and long life, Rathi Special Grease (RSG) is highly recommended. After every three months or every 240 ~ 250 operating hours, required to add grease.

Every 6 months or every 4000 operating hours required to replace all deteriorated grease.