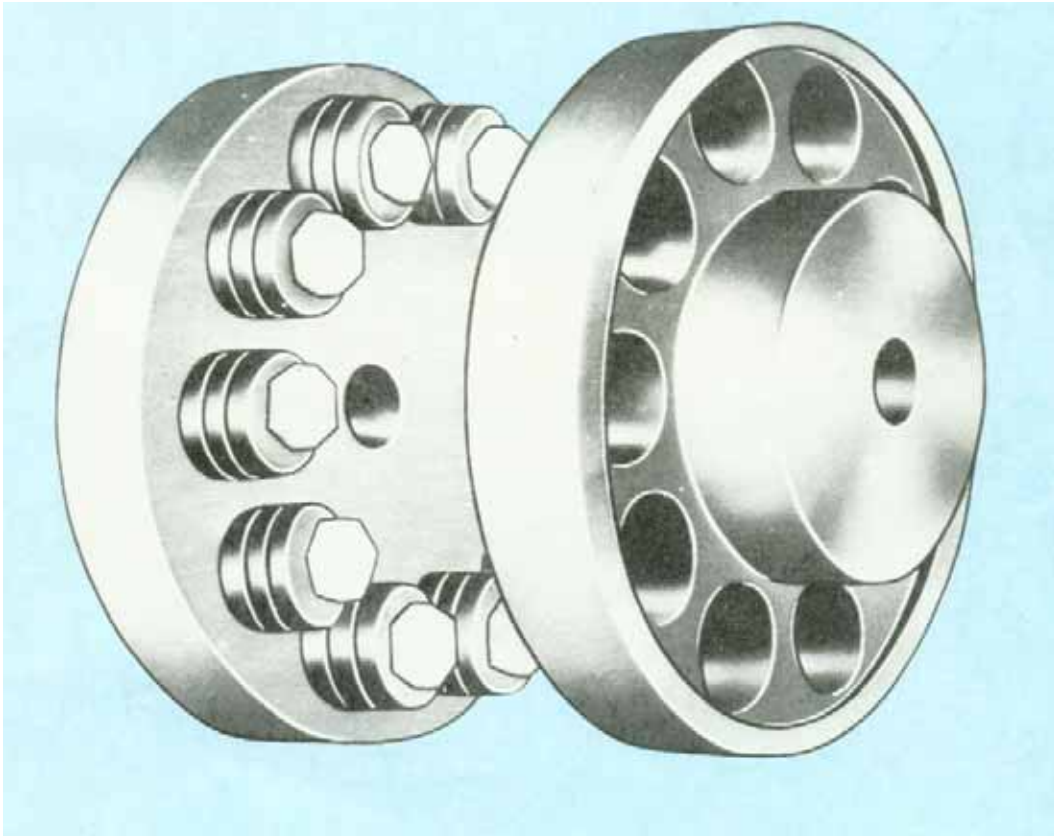


CONE RING FLEXIBLE COUPLINGS



As it is almost impossible to obtain cent percent alignment in any drive, it is essential that flexible couplings be used in all possible cases to sustain axial and radial misalignments. **cone ring flexible couplings** are being manufactured to allow these features and transmit torque through pins of substantial dimension and rubber cone rings. This construction and design while allowing larger torsional flexibility than conventional pin-bushes remains simple in mounting and dismantling.

FEATURES

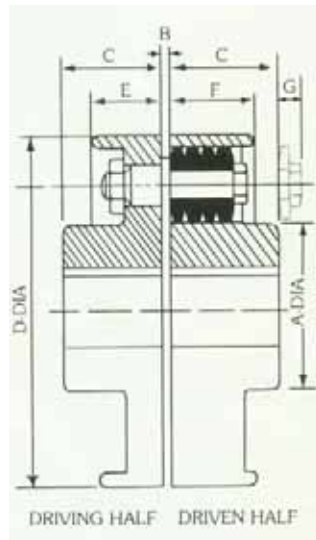
- **No lubrication required**
- **Sustains parallel and angular misalignment**
- **Absorbs shocks**
- **Torsionally flexible**
- **Completely Interchangeable**
- **Available ex-stock in pilot bore**

Cone ring flexible couplings are denoted below in 'M' for medium duty and 'H' for heavy duty types. Models G12 to G58 indicate the maximum bore size from 1.25" to 5.8". Other dimensions and details are as under.

It often happens that the minimum size of coupling required for a certain shaft has a torque capacity considerably in excess of torque required to be transmitted. For such applications Medium Type couplings are offered which permit the same shaft size but offer an economy in cost since only half the number of pins are provided.

HP RATING

SI No.	MODEL	NOMINAL BORE DIA	MAX. BORE DIA	NOS OF PINS		RINGS PER PIN	NOMINAL HP RATING PER 100 RPM		MAX RPM
				M	H		M	H	
1	G12	13.0	32.0	2	4	3	0.63	1.3	4580
2	G15	13.0	38.0	3	6	3	1.0	2.0	4420
3	G18	19.0	48.0	4	8	3	1.5	3.0	4000
4	G21	19.0	54.0	3	6	3	2.6	5.2	3400
5	G23	25.5	60.0	4	8	3	4.1	8.1	3020
6	G26	25.5	67.0	5	10	3	5.8	12.0	2700
7	G28	32.0	73.0	4	8	4	14.0	28.0	2300
8	G32	44.5	82.5	5	10	4	19.0	38.0	2090
9	G38	51.0	98.5	6	12	4	29.0	57.0	1760
10	G45	51.0	114.0	5	10	4	48.0	95.0	1570
11	G52	63.5	133.0	6	12	4	65.0	130.0	1390
12	G58	76.0	150.0	7	14	4	85.0	170.0	1270



PRINCIPAL DIMENSIONS (mm)

MODEL	A	B	C	D	E	F	G	TOTAL WT (KGS)	
								M	H
G12	50.0	3.175	40.6	127.0	28.0	35.5	35.5	4.95	4.95
G15	63.5	3.175	48.2	134.6	28.0	35.5	27.9	6.3	5.85
G18	71.1	3.175	55.8	147.3	28.0	35.5	20.3	6.75	6.75
G21	83.8	3.05	60.9	172.7	35.5	43.2	28.0	11.25	10.8
G23	96.5	3.175	68.5	193.0	35.5	43.2	25.4	16.2	15.75
G26	116.8	3.175	76.2	215.9	35.5	43.2	17.8	20.25	18.9
G28	127.0	3.175	88.9	254.0	55.9	66.0	50.8	40.0	38.7
G32	147.3	3.175	101.6	279.4	55.9	66.0	43.2	51.3	49.5
G38	177.8	3.175	116.8	330.2	55.9	66.0	28.0	77.4	75.6
G45	203.2	6.35	132.0	370.8	76.2	88.9	53.3	123.7	118.8
G52	228.6	6.35	147.3	419.1	76.2	88.9	45.7	158.4	153.0
G58	254.0	6.35	165.1	457.2	76.2	88.9	28.0	180.4	174.2



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