



AN ISO 9001 : 2015  
CERTIFIED COMPANY

**BONNA-FLEX®**

# TYRE COUPLINGS



CATALOGUE NO. C2-BBCP - NO 14

Manufacturer & Exporter :

**BONNA-FLEX** Industries Private Limited

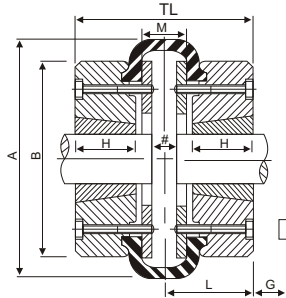




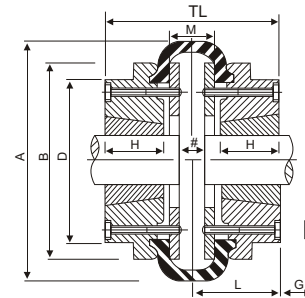
**AN ISO 9001 : 2015  
CERTIFIED COMPANY**

**BONNA-FLEX®**

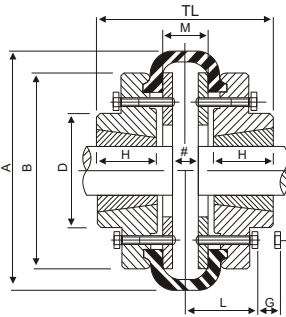
**BH TYPE**



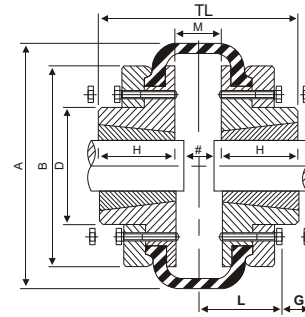
**B - 40 & 45**



**B - 50 & 60**

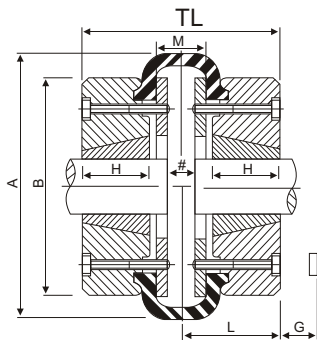


**B - 70 TO 120**

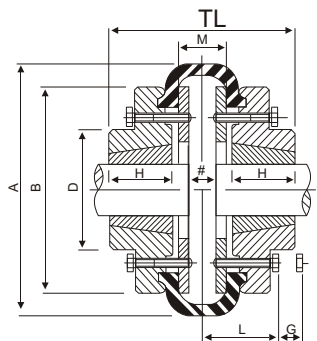


**B - 140 TO 220**

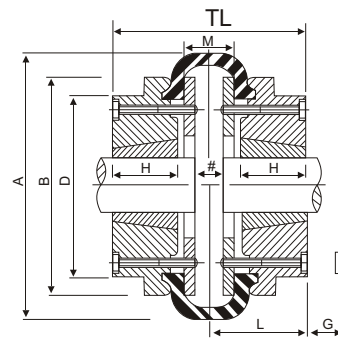
**BF TYPE**



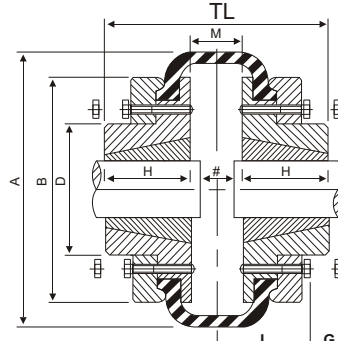
**B - 40 & 45**



**B - 70 TO 120**



**B - 50 & 60**



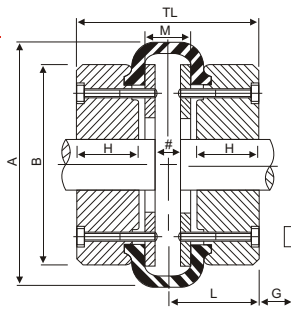
**B - 140 TO 220**



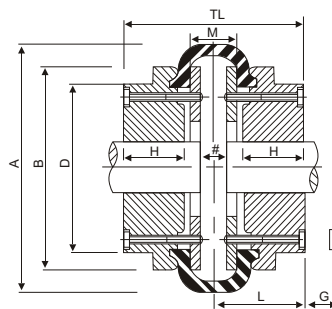
AN ISO 9001 : 2015  
CERTIFIED COMPANY

**BONNA-FLEX®**

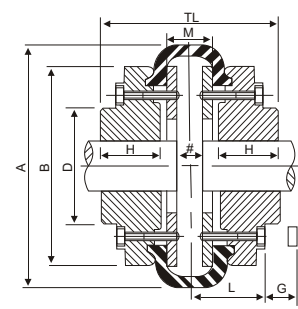
### B TYPE



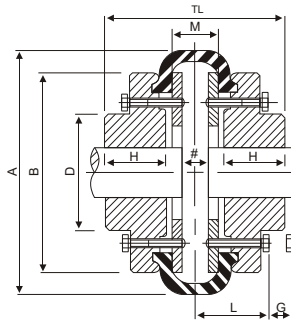
**B - 40 & 45**



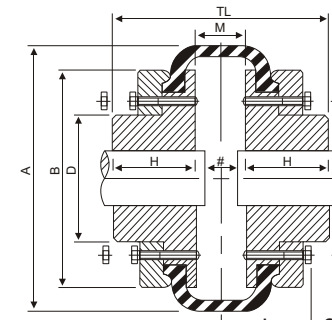
**B - 50**



**B - 60**



**B - 70 TO 120**



**B - 140 TO 250**

### ◆ Features

- Highly elastic, free from backlash
- Absorbs shock and dampens vibrations
- Available as through bore or with taper lock bushes
- No lubricants required

### ◆ Technical Details

- Radial Misalignment up to 6 mm and angular misalignment up to 4°, end float up to 8 mm can be compromised
- Can transmit torque up to 11600 Nm
- Bore sizes up to 190 mm

### DIMENSIONS "BF&BH" AND "B" TYPE COUPLINGS

| Size        | TYPE BF & BH |          |     |       |     |       |     |                    | TYPE B   |          |     |     |     |       |                  |                    | A     | B   | ‡  | †  | No. of screws per flange |
|-------------|--------------|----------|-----|-------|-----|-------|-----|--------------------|----------|----------|-----|-----|-----|-------|------------------|--------------------|-------|-----|----|----|--------------------------|
|             | Bush No.     | Max Bore | TL  | D     | H   | L     | ξ J | * Approx Weight Kg | Max Bore | Min Bore | TL  | D   | H   | L     | Set Screw on key | * Approx Weight Kg |       |     |    |    |                          |
| <b>B40</b>  | 1008         | 25       | 67  | -     | 22  | 33.5  | 29  | 1.4                | 30       | 11.00    | 67  | -   | 22  | 33.5  | M5               | 2.0                | 104.0 | 82  | 43 | 23 | 4                        |
| <b>B45</b>  | 1108         | 28       | 67  | -     | 22  | 33.5  | 29  | 3.0                | 32       | 11.00    | 73  | -   | 25  | 36.5  | M5               | 2.2                | 120.0 | 94  | 43 | 23 | 4                        |
| <b>B50</b>  | 1210         | 32       | 78  | 79.0  | 25  | 39.0  | 38  | 3.1                | 38       | 16.00    | 92  | 79  | 32  | 46.0  | M5               | 4.0                | 133.5 | 100 | 43 | 28 | 4                        |
| <b>B60</b>  | 1610         | 42       | 86  | 103.0 | 25  | 43.0  | 38  | 5.2                | 48       | 16.00    | 112 | 73  | 38  | 43.0  | M6               | 5.0                | 165.0 | 125 | 43 | 36 | 5                        |
| <b>B70</b>  | 1610         | 42       | 92  | 76.0  | 25  | 50.5  | 38  | 7.4                | 55       | 19.05    | 132 | 82  | 45  | 50.5  | M6               | 8.0                | 197.0 | 144 | 10 | 42 | 5                        |
| <b>B80</b>  | 2012         | 50       | 111 | 95.0  | 32  | 53.0  | 47  | 9.2                | 65       | 25.40    | 149 | 95  | 51  | 53.0  | M10              | 12.0               | 211.0 | 167 | 10 | 47 | 6                        |
| <b>B85</b>  | 2012         | 50       | 112 | 103.0 | 32  | 53.5  | 47  | 12.5               | 70       | 31.75    | 154 | 103 | 53  | 53.5  | M12              | 14.0               | 222.0 | 179 | 13 | 48 | 6                        |
| <b>B90</b>  | 2517         | 60       | 140 | 110.0 | 45  | 59.5  | 50  | 15.0               | 76       | 31.75    | 164 | 110 | 57  | 59.5  | M12              | 15.0               | 235.0 | 188 | 13 | 50 | 6                        |
| <b>B100</b> | 2517         | 60       | 148 | 124.0 | 45  | 61.5  | 50  | 20.0               | 85       | 31.75    | 178 | 124 | 60  | 61.5  | M12              | 21.0               | 254.0 | 216 | 13 | 58 | 6                        |
| <b>B110</b> | 2517         | 60       | 140 | 134.0 | 45  | 63.5  | 50  | 26.5               | 90       | 31.75    | 180 | 134 | 65  | 63.5  | M12              | 28.0               | 279.0 | 233 | 14 | 50 | 6                        |
| <b>B120</b> | 3020         | 75       | 157 | 152.0 | 51  | 70.0  | 68  | 35.5               | 102      | 38.10    | 207 | 152 | 76  | 70.0  | M12              | 41.0               | 314.0 | 264 | 14 | 55 | 6                        |
| <b>B140</b> | 3535         | 90       | 204 | 194.5 | 89  | 76.0  | 89  | 67.2               | 120      | 75.00    | 204 | 195 | 89  | 76.0  | M20              | 61.0               | 359.0 | 313 | 14 | 26 | 8                        |
| <b>B160</b> | 4040         | 100      | 220 | 216.0 | 102 | 78.0  | 110 | 91.0               | 140      | 75.00    | 220 | 216 | 102 | 78.0  | M20              | 86.0               | 402.0 | 345 | 19 | 16 | 8                        |
| <b>B180</b> | 4545         | 110      | 258 | 266.0 | 114 | 94.0  | 126 | 146.0              | 150      | 75.00    | 258 | 266 | 114 | 94.0  | M20              | 141.0              | 470.0 | 398 | 19 | 30 | 10                       |
| <b>B200</b> | 4545         | 110      | 278 | 266.0 | 114 | 103.0 | 126 | 182.0              | 150      | 75.00    | 276 | 266 | 114 | 103.0 | M20              | 179.0              | 508.0 | 429 | 19 | 48 | 12                       |
| <b>B220</b> | 5050         | 127      | 312 | 267.0 | 127 | 118.0 | 140 | 320.0              | 160      | 90.00    | 312 | 267 | 127 | 118.0 | M20              | 312.0              | 562.0 | 474 | 20 | 56 | 12                       |
| <b>B250</b> | -            | -        | -   | -     | -   | -     | -   | -                  | 190      | 100.00   | 360 | 290 | 150 | 125.0 | M20              | 500.0              | 628.0 | 532 | 25 | 60 | 12                       |



**BONNA-FLEX®**

AN ISO 9001 : 2015  
CERTIFIED COMPANY

# Mechanical Power Transmission Equipments

## Bonnaflex Range Of Engineering Products



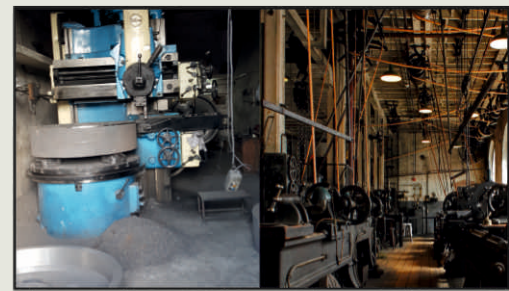
### Facility



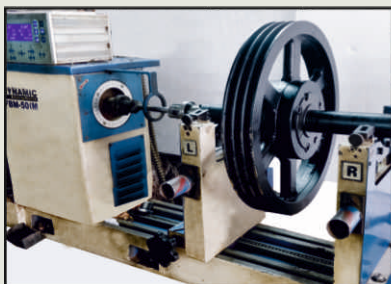
Foundry Division



CNC Machining Workshop



Conventional Machining Workshop



Dynamic Balancing



Quality Control



Packing & Dispatch

**BONNA-FLEX**

**Mfg. : SHAFT LOCK TAPER BUSH PULLEY, COUPLINGS & ALL TYPE OF TRANSMISSION PRODUCTS.**

Off. : 7/3, Samrat Industrial Area, E/h. Chandan Marbal, Gondal Road, Rajkot.

Ph. : 0281-2360761 Mo. +91 75729 40600

E-mail : bonnaflex@gmail.com / Web : [www.bonnaflex.com](http://www.bonnaflex.com) / [www.bonnaflex.co.in](http://www.bonnaflex.co.in)