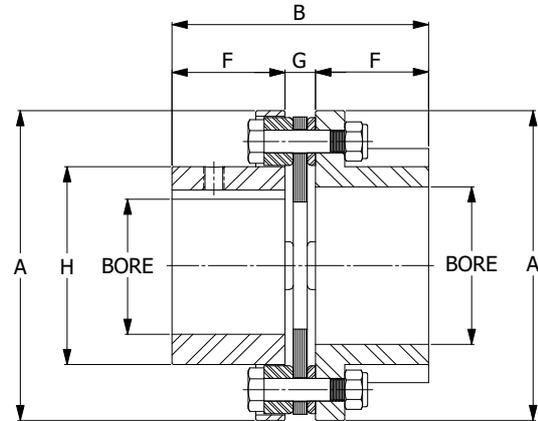


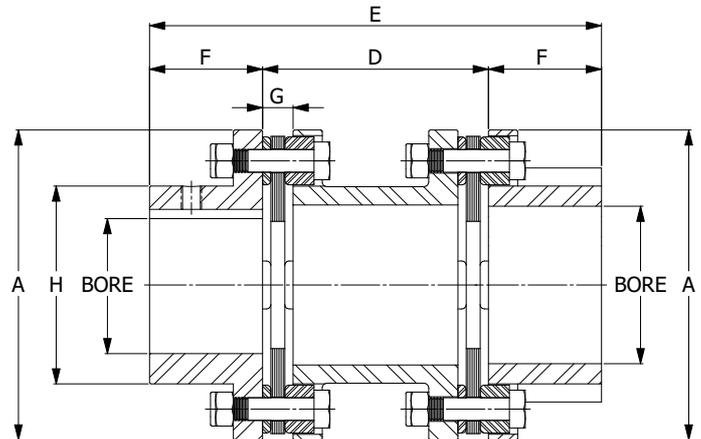
## Liberal Disc Couplings

### Liberal Disc Coupling Series 4000 – Single and spacer types

#### Single Disc Type



#### Spacer Disc Type



STANDARD HUB

LARGE HUB

| Size | Rated Torque (Nm.) | Max. Speed (RPM.) | Max.bore (mm.) |           | Dimension (mm) |       |     |      |     |       |       |
|------|--------------------|-------------------|----------------|-----------|----------------|-------|-----|------|-----|-------|-------|
|      |                    |                   | Standard Hub   | Large Hub | A              | B     | F   | G    | H   | D     | E     |
| 4005 | 34                 | 47,000            | 20             | 28        | 67             | 55.8  | 25  | 5.8  | 33  | 88.9  | 138.9 |
| 4010 | 90                 | 39,000            | 32             | 40        | 81             | 57.1  | 25  | 7.1  | 46  | 88.9  | 138.9 |
| 4015 | 178                | 34,000            | 35             | 45        | 93             | 66.4  | 29  | 8.4  | 51  | 101.6 | 159.6 |
| 4020 | 249                | 30,000            | 42             | 54        | 104            | 79.0  | 34  | 11.0 | 61  | 127.0 | 195.0 |
| 4025 | 429                | 25,000            | 50             | 60        | 126            | 93.2  | 41  | 11.2 | 71  | 127.0 | 209.0 |
| 4030 | 783                | 22,000            | 58             | 73        | 143            | 108.5 | 48  | 12.5 | 84  | 127.0 | 223.0 |
| 4035 | 1,281              | 19,000            | 74             | 95        | 168            | 130.0 | 57  | 16.0 | 105 | 127.0 | 241.0 |
| 4040 | 2,064              | 16,000            | 83             | 102       | 194            | 145.0 | 64  | 17.0 | 118 | 139.7 | 267.7 |
| 4045 | 3,417              | 15,000            | 95             | 118       | 214            | 174.8 | 76  | 22.8 | 137 | 152.4 | 304.4 |
| 4050 | 4,900              | 13,000            | 109            | 125       | 246            | 202.0 | 89  | 24.0 | 157 | 177.8 | 355.8 |
| 4055 | 6,376              | 11,000            | 118            | 136       | 276            | 230.0 | 102 | 26.0 | 170 | 177.8 | 381.8 |

#### Notes to tables :

1. Peak overload torque of 2.5 x nominal torque rating are permitted.
2. Operating speeds could be limited by the critical speeds of spacers.
3. The maximum bores shown are for cylindrical or taper shafts with standard rectangular keys.
4. D is the minimum distance between shaft ends (DBSE).
5. Accommodating for axial misalignment is given for spacer disc couplings.
6. Stainless steel or non-sparking material are available on request.