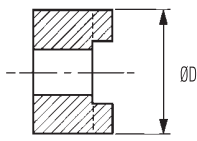
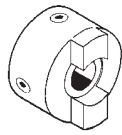


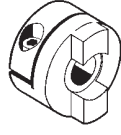
Stainless Steel Thro' Hubs



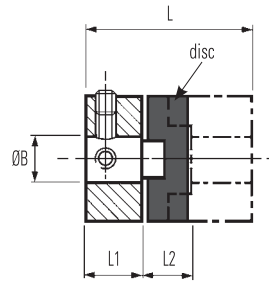
Thro' bores allow disc replacement without disturbing shaft alignment



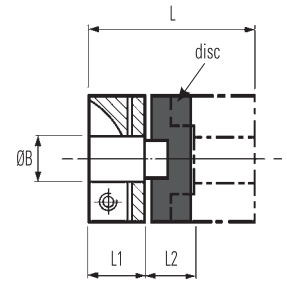
Set screw style



Clamp style



Ref. 850
Set screw style



Ref. 852
Clamp style

DIMENSIONS & ORDER CODES

| Size | Hub Ref | | Dimensions | | | | | | | Fasteners | | | Disc Ref | |
|------|-----------------|-------------|-------------|-------------|-------------|-------------|------------------|--|---------------------------|-----------|----------------------|--------------|---------------------|----------------|
| | Set Screw Style | Clamp Style | ØD in. (mm) | L in. (mm) | L1 in. (mm) | L2 in. (mm) | ØB1 Max in. (mm) | Moment of Inertia kgm ² x10 ⁻⁸ | Mass kg x10 ⁻³ | Size | Torque lbs.-in. (Nm) | A/F in. (mm) | Acetal (black) Std. | Nylon 11 (Nat) |
| 13 | 850.13 | - | 0.5 (12.7) | 0.63 (15.9) | 0.21 (5.5) | 0.08 (1.7) | 0.25 (6.35) | 26 | 14 | M3 | 2.83 (0.32) | 0.06 (1.5) | 236.13 | 238.13 |
| 19 | 850.19 | - | 0.75 (19.1) | 1.02 (26.0) | 0.37 (9.4) | 0.28 (7.2) | 0.31 (8.0) | 220 | 45 | M4 | 9.3 (1.05) | 0.08 (2.0) | 236.19 | 238.19 |
| | - | 852.19 | | | | | | | | M2.5 | 6.0 (0.68) | 0.08 (2.0) | | |
| 25 | 850.25 | - | 1.0 (25.4) | 1.28 (32.4) | 0.46 (11.6) | 0.36 (9.2) | 0.47 (12.0) | 587 | 76 | M5 | 18.6 (2.1) | 0.10 (2.5) | 236.25 | 238.25 |
| | - | 852.25 | | | | | | | | M3 | 10.6 (1.2) | 0.10 (2.5) | | |
| 33 | 850.33 | - | 1.31 (33.3) | 1.65 (42.0) | 0.60 (15.0) | 0.36 (12.0) | 0.63 (16.0) | 2091 | 165 | M6 | 33.6 (3.8) | 0.12 (3.0) | 836.33 | 838.33 |
| | - | 852.33 | | | | | | | | M4 | 25.7 (2.9) | 0.12 (3.0) | | |
| 41 | 850.41 | - | 1.63 (41.3) | 2.0 (50.8) | 0.70 (17.8) | 0.6 (15.3) | 0.79 (20.0) | 6822 | 305 | M6 | 33.6 (3.8) | 0.12 (3.0) | 236.41 | 238.41 |
| | - | 852.41 | | | | | | | | M5 | 52.2 (5.9) | 0.16 (4.0) | | |
| 50 | 850.50 | - | 1.97 (50.0) | 2.35 (59.6) | 0.81 (20.6) | 0.81 (20.6) | 1.0 (25.4) | 17368 | 510 | M8 | 79.7 (9.0) | 0.16 (4.0) | 236.50 | N/A |
| | - | 852.50 | | | | | | | | M6 | 86.7 (9.8) | 0.20 (5.0) | | |

PERFORMANCE (AT 20°C WITH STANDARD ACETAL DISC)

| Coupling Size | ⑤ Peak torque lbs.-in. (Nm) | ⑥ Max compensation @ 3000 rpm | | | ⑦ Torsional | | Static break torque lbs.-in. (Nm) |
|---------------|-----------------------------|-------------------------------|-----------------|------------------|---------------|--------------------|-----------------------------------|
| | | Angular deg | Radial in. (mm) | Axial in. (± mm) | Rate deg / Nm | Stiffness Nm / rad | |
| 13 | 4.43 (0.5) | 0.5 | .004 (0.1) | .002 (0.05) | 0.88 | 65 | 35.4 (4) |
| 19 | 15.0 (1.7) | | .008 (0.2) | .004 (0.1) | 0.50 | 115 | 70.1 (8) |
| 25 | 35.4 (4) | | .008 (0.2) | .004 (0.1) | 0.28 | 205 | 115 (13) |
| 33 | 79.7 (9) | | .008 (0.2) | .006 (0.15) | 0.093 | 615 | 469 (53) |
| 41 | 151 (17) | | .01 (0.25) | .006 (0.15) | 0.048 | 1200 | 504 (57) |
| 50 | 266 (30) | | .01 (0.25) | .008 (0.2) | 0.042 | 1375 | 841 (95) |

Materials Finishes

Hubs: Stainless Steel 303 S31
- Natural Finish

Fasteners: Stainless Steel

IMPORTANT

Load capacity depends on application conditions:

STANDARD BORES® FOR ALL TYPES

Sizes indicated in parenthesis are metric (mm).

| Coupling Size | ØB1, ØB2 +0.0012/ -0 (+0.03mm/-0mm) | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|-------------------------------------|-----|------|-----|-------|-----|-----|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|
| | (2) | (3) | 1/8" | (4) | 3/16" | (5) | (6) | 1/4" | (8) | 3/8" | (10) | (12) | 1/2" | (14) | (15) | 5/8" | (16) | (18) | (19) | 3/4" | (20) | (24) | (25) | (30) | |
| 13 | | • | • | • | • | • | • | • | | | | | | | | | | | | | | | | | |
| 19 | | | | • | • | • | • | • | | | | | | | | | | | | | | | | | |
| 25 | | | | | | • | • | • | | | | | | | | | | | | | | | | | |
| 33 | | | | | | | | • | • | • | • | • | • | • | • | • | • | | | | | | | | |
| 41 | | | | | | | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| 50 | | | | | | | | | | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Bore ref. | 11 | 14 | 16 | 18 | 19 | 20 | 22 | 24 | 28 | 31 | 32 | 35 | 36 | 38 | 40 | 41 | 42 | 45 | 46 | 47 | 48 | 51 | 52 | 56 | |