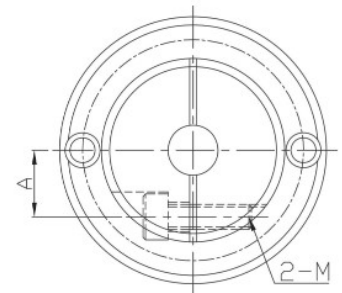
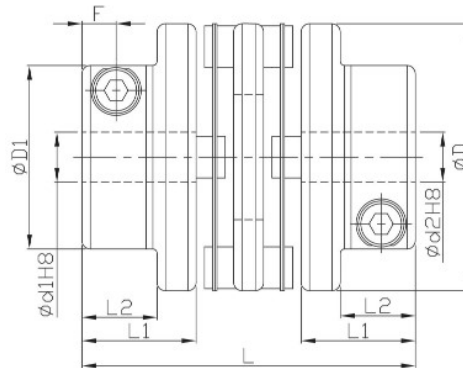


## FACTL



- High wrench torque load, high wrench torque rigidity capacity and excellent sensibility.
- Zero backlash.
- Dual stainless steel rings to correct radial, angular and axial deviation.
- Clockwise character is exactly the same as anti-clockwise one.
- Free maintenance, oil-resist and anti-corrosiveness.
- Offset of angular, parallel, or axial deviation are individual allowed value, so couple reasons of axial offset appearing at same time would reduce the unit allowable value.



| Component  | Material       | Surface finish | Accessories    |
|------------|----------------|----------------|----------------|
| Main frame | Aluminum Alloy | Anodized       | Clamping screw |
| Disk       | SUS301         | —              |                |

| Dimensions |    | ØD1 | Ød1&Ød2 selection *Ød1 ≤ Ød2 |   |   |    |    |    |    |    |    |    |    |    |    | L  | L1   | L2 | A    | F | Clamping screw |                   |
|------------|----|-----|------------------------------|---|---|----|----|----|----|----|----|----|----|----|----|----|------|----|------|---|----------------|-------------------|
| Model no.  | ØD |     | 6                            | 7 | 8 | 10 | 11 | 12 | 14 | 15 | 16 | 18 | 19 | 20 | 25 |    |      |    |      |   | M              | Lock torque (N·m) |
| FACTL      | 32 | 22  | ●                            | ● | ● | ●  |    |    |    |    |    |    |    |    |    | 40 | 13.7 | 9  | 8    | 4 | 3              | 1.5               |
|            | 40 | 28  |                              | ● | ● | ●  | ●  | ●  | ●  |    |    |    |    |    |    | 46 | 16.5 | 12 | 10.5 | 6 | 4              | 2.5               |
|            | 50 | 39  |                              |   |   |    |    | ●  | ●  | ●  | ●  | ●  | ●  | ●  |    | 52 | 19.4 | 15 | 14.8 | 7 | 5              | 7                 |
|            | 63 | 45  |                              |   |   |    |    |    |    | ●  | ●  | ●  | ●  | ●  | ●  | 58 | 22.3 | 18 | 17   | 8 | 6              | 12                |

★ Moment of inertial torque and weight calculated by maximum diameter.

| Specification |    | Allowable wrench torque (N·m) | Allowable misalignment |               |            | Static torsional stiffness (N·m/rad) | Max. RPM (r/min <sup>-1</sup> ) | ★ Moment of inertia (kg·m <sup>2</sup> ) | ★ Weight (g) |
|---------------|----|-------------------------------|------------------------|---------------|------------|--------------------------------------|---------------------------------|------------------------------------------|--------------|
| Model no.     | ØD |                               | Angular (°)            | Parallel (mm) | Axial (mm) |                                      |                                 |                                          |              |
| FACTL         | 32 | 2                             | 2                      | 0.15          | ±0.4       | 1000                                 | 4800                            | 6.2*10 <sup>-6</sup>                     | 48           |
|               | 40 | 4                             |                        | 0.2           | ±0.5       | 1500                                 | 3800                            | 1.6*10 <sup>-5</sup>                     | 81           |
|               | 50 | 7.5                           |                        |               | ±0.6       | 2000                                 | 3100                            | 4.6*10 <sup>-5</sup>                     | 150          |
|               | 63 | 10                            |                        | 0.3           | ±0.8       | 2500                                 | 2400                            | 1.1*10 <sup>-4</sup>                     | 230          |

Ordering Example: FACTL40 - 12 - 14 - 100 PCS  
Model no. Ød1 Ød2 Q'ty