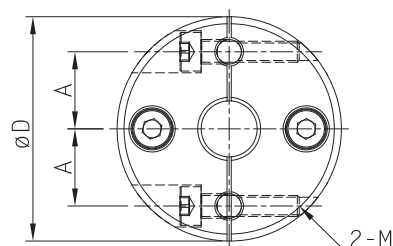
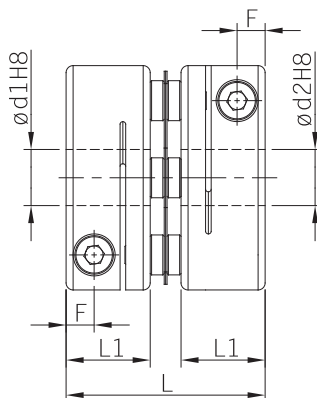


## FACHS



- Hard torque load 、 high torque rigidity and excellent sensibility.
- Zero backlash.
- Miniature coupling has short length.
- Dual stainless steel disk to correct angular and axial deviation.
- No correction for radial deviation.
- Clockwise character is exactly the same as anti-clockwise one.
- Free maintenance, oil-resist and anti-corrosiveness.
- FACH-S can't allow axial deviation caused by offset.
- Offset, deflection, shaft deviation are individual allowed value.



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

| Dimensions |    | Ød1&Ød2 selection    *Ød1 ≤ Ød2 |     |   |   |      |   |   |       |    |    |    |    |    |    |    |    |    |    |    |    |    |   | L  | L1 | F   | A   | Clamping screw    |     |
|------------|----|---------------------------------|-----|---|---|------|---|---|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|---|----|----|-----|-----|-------------------|-----|
| Model no.  | ØD | 4                               | 4.5 | 5 | 6 | 6.35 | 7 | 8 | 9.525 | 10 | 11 | 12 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 22 | 24 | 25 | M |    |    |     |     | Lock torque (N·m) |     |
| FACHS      | 19 | ●                               | ●   | ● | ● | ●    | ● | ● |       |    |    |    |    |    |    |    |    |    |    |    |    |    |   | 20 | 8  | 2.5 | 6.5 | 2                 | 0.5 |
|            | 25 |                                 |     |   | ● | ●    | ● | ● | ●     | ●  | ●  | ●  |    |    |    |    |    |    |    |    |    |    |   | 24 | 10 | 3.5 | 9   | 2.5               | 1   |
|            | 32 |                                 |     |   |   |      |   | ● | ●     | ●  | ●  | ●  | ●  | ●  |    |    |    |    |    |    |    |    |   | 29 | 12 | 4   | 11  | 3                 | 1.5 |
|            | 40 |                                 |     |   |   |      |   | ● | ●     | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  |    |    |   | 33 | 14 | 5   | 15  | 4                 | 2.5 |
|            | 50 |                                 |     |   |   |      |   |   |       |    |    |    |    | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ●  | ● | 42 | 18 | 6   | 18  | 5                 | 7   |

★ 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 (°)            | Axial (mm) |                                      |                                 |                                          |              |
| FACHS         | 19 | 0.7                           | 0.7                    | ±0.2       | 280                                  | 10000                           | 6.3*10 <sup>-7</sup>                     | 9            |
|               | 25 | 1                             |                        |            | 630                                  | 8000                            | 2.1*10 <sup>-6</sup>                     | 19           |
|               | 32 | 2.5                           |                        |            | 1600                                 | 6000                            | 7.2*10 <sup>-6</sup>                     | 41           |
|               | 40 | 3.5                           |                        |            | 2600                                 | 5000                            | 1.3*10 <sup>-5</sup>                     | 68           |
|               | 50 | 9                             |                        |            | 3100                                 | 4000                            | 6.1*10 <sup>-5</sup>                     | 140          |

Ordering Example:

FACHS40 - 10 - 12 - 100 PCS  
Model no. Ød1 Ød2 Q'ty