## Features

- Completely integrated coupling with Compact type.
- Zero backlash.
- The plate spring formed with slit absorbs Declination and end play.
- Donŕ allow eccentricity.
- Forward and reverse are the same features and Torsional rigidity is outstanding.
- Maintenance free and Outstanding Oil-resistance and anti-chemical.

## Structure & material

Set Screw Type

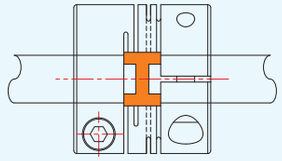


Clamp Type



Material : Aluminum alloy with high stiffness
Surface treatment : Alumite process

## Relief Type



## Usage

- Servo motor
- Stepping motor
- General wide use motor
- Encoder

## Others

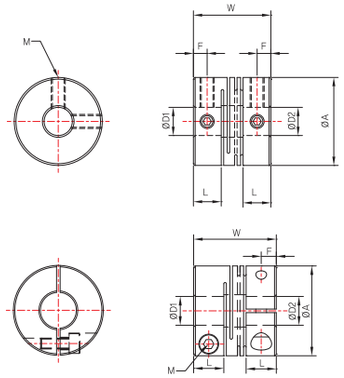
- All products are included set screw and cap screw.
- We can supply nonstandard Inner Diameter.
- We encourage h7 for tolerance of Inner Diameter.
- We can supply with key seat.

Order method **DRBS–25C–Ø8×Ø10**
Product No. D1 D2

Set Screw Type

Clamp Type

CAD Download




| Product NO. | Dimension(mm) | | | | Tightening Screw | | Rated. Torque | Max. Torque | Max. RPM | Moment of Inertia | Torsional Stiffness | Angle | Parallel | End Play | Mass |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Size | Torque | | | | | | | | | |
| | A | L | W | F | M | N · m | N · m | N · m | $min^{-1}$ | kg · $m^2$ | N·m/rad | ° | mm | ± mm | g |
| **DRBS-8** | 8 | 3.4 | 10 | 1.7 | M2 | 0.3 | 0.1 | 0.2 | 78,000 | $1.0\times10^{-8}$ | 25 | 1 | 0 | 0.1 | 1 |
| **DRBS-12** | 12.7 | 4.5 | 13 | 2.2 | M2.5 | 0.5 | 0.4 | 0.8 | 52,000 | $7.4\times10^{-8}$ | 80 | 1 | 0 | 0.15 | 3.4 |
| **DRBS-16** | 16 | 5.0 | 14 | 2.5 | M3 | 0.7 | 0.5 | 1 | 39,000 | $2.9\times10^{-7}$ | 180 | 1 | 0 | 0.2 | 6 |
| **DRBS-19** | 19 | 6.31 | 17 | 3.1 | M3 | 0.7 | 1 | 2 | 31,000 | $5.0\times10^{-7}$ | 200 | 1 | 0 | 0.2 | 10 |
| **DRBS-22** | 22 | 6.9 | 19 | 3.4 | M4 | 1.7 | 1.5 | 3 | 27,000 | $1.1\times10^{-6}$ | 350 | 1 | 0 | 0.2 | 14 |
| **DRBS-25** | 25 | 7.9 | 22 | 3.9 | M4 | 1.7 | 2 | 4 | 25,000 | $2.5\times10^{-6}$ | 780 | 1 | 0 | 0.2 | 22 |
| **DRBS-32** | 32 | 10.5 | 29 | 5.2 | M5 | 4 | 4 | 8 | 19,000 | $7.5\times10^{-6}$ | 1,100 | 1 | 0 | 0.2 | 45 |
| **DRBS-12C** | 12.7 | 5 | 14 | 2.5 | M2 | 0.5 | 0.4 | 0.8 | 52,000 | $7.4\times10^{-8}$ | 80 | 1 | 0 | 0.15 | 3.8 |
| **DRBS-16C** | 16 | 6 | 16 | 3.0 | M2.5 | 1 | 0.5 | 1 | 39,000 | $2.9\times10^{-7}$ | 180 | 1 | 0 | 0.2 | 6.5 |
| **DRBS-19C** | 19 | 6.31 | 17 | 3.1 | M2.5 | 1 | 1 | 2 | 31,000 | $5.0\times10^{-7}$ | 200 | 1 | 0 | 0.2 | 10 |
| **DRBS-22C** | 22 | 7.4 | 20 | 3.7 | M3 | 2 | 1.5 | 3 | 27,000 | $1.1\times10^{-6}$ | 350 | 1 | 0 | 0.2 | 15 |
| **DRBS-25C** | 25 | 8.4 | 23 | 4.2 | M3 | 2 | 2 | 4 | 25,000 | $2.5\times10^{-6}$ | 780 | 1 | 0 | 0.2 | 25 |
| **DRBS-32C** | 32 | 11 | 30 | 5.5 | M4 | 4 | 4 | 8 | 19,000 | $7.5\times10^{-6}$ | 1,100 | 1 | 0 | 0.2 | 50 |

Mass and Moment of inertia are measured with max bore size.

| Product NO. | Standard Inner diameter(D1, D2) (mm) | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 3 | 4 | 5 | 6 | 6.35 | 8 | 9.525 | 10 | 11 | 12 | 14 | 15 |
| **DRBS-8** | • | • | | | | | | | | | | | |
| **DRBS-12□** | | • | • | • | | | | | | | | | |
| **DRBS-16□** | | • | • | • | • | • | | | | | | | |
| **DRBS-19□** | | | • | • | • | • | • | | | | | | |
| **DRBS-22□** | | | | • | • | • | • | • | • | | | | |
| **DRBS-25□** | | | | • | • | • | • | • | • | • | • | | |
| **DRBS-32□** | | | | | • | • | • | • | • | • | • | • | • |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COUPLING