

RD8-C Series

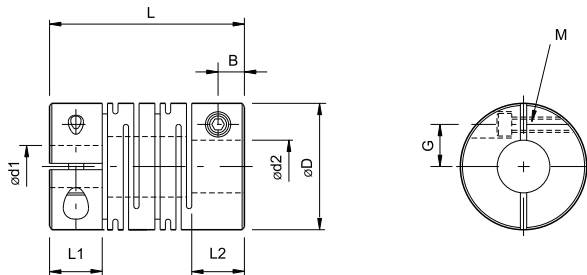
Parallel Clamp Screw Fixation Type



Parameters

| Model | Rated Torque (N.m) | Max Torque (N.m) | Max Rotational Speed(rpm) | Moment of Inertia kg.m ² | Static Torsional Stiffness(N.m/rad) | Parallel Misalignment (mm) | Angular Misalignment(°) | Axial Misalignment (mm) | Weight(g) |
|----------|--------------------|------------------|---------------------------|-------------------------------------|-------------------------------------|----------------------------|-------------------------|-------------------------|-----------|
| RD8-12C | 0.2 | 0.4 | 12000 | 7.8x10 ⁻⁶ | 35 | 0.10 | 2 | ±0.3 | 3.6 |
| RD8-16C | 0.3 | 0.6 | 9500 | 3.4x10 ⁻⁷ | 47 | 0.10 | 2 | ±0.4 | 9.2 |
| RD8-20C | 0.5 | 1 | 7600 | 9.1x10 ⁻⁷ | 120 | 0.10 | 2 | ±0.4 | 16 |
| RD8-25C | 1 | 2 | 6100 | 2.6x10 ⁻⁶ | 170 | 0.15 | 2 | ±0.5 | 28 |
| RD8-32C | 2 | 4 | 4800 | 9.7x10 ⁻⁶ | 280 | 0.15 | 2 | ±0.5 | 64 |
| RD8-40C | 5 | 10 | 3800 | 3.3x10 ⁻⁵ | 350 | 0.20 | 2 | ±0.5 | 140 |
| RD8-50C | 10 | 20 | 3100 | 1.0x10 ⁻⁴ | 590 | 0.20 | 2 | ±0.5 | 270 |
| RD8-63C | 20 | 40 | 2400 | 3.2x10 ⁻⁴ | 850 | 0.20 | 2 | ±0.5 | 530 |
| RD8-12CS | 0.3 | 0.6 | 12000 | 2.2x10 ⁻⁷ | 64 | 0.10 | 2 | ±0.2 | 10 |
| RD8-16CS | 0.5 | 1 | 9500 | 9.0x10 ⁻⁷ | 85 | 0.10 | 2 | ±0.3 | 25 |
| RD8-20CS | 1 | 2 | 7600 | 2.5x10 ⁻⁶ | 250 | 0.10 | 2 | ±0.3 | 43 |
| RD8-25CS | 2 | 4 | 6100 | 7.1x10 ⁻⁶ | 330 | 0.15 | 2 | ±0.4 | 78 |
| RD8-32CS | 3.5 | 7 | 4800 | 2.7x10 ⁻⁵ | 850 | 0.15 | 2 | ±0.5 | 170 |
| RD8-40CS | 8 | 16 | 3800 | 9.0x10 ⁻⁵ | 1000 | 0.20 | 2 | ±0.5 | 370 |
| RD8-50CS | 15 | 30 | 3100 | 2.8x10 ⁻⁴ | 1400 | 0.20 | 2 | ±0.5 | 750 |
| RD8-63CS | 35 | 70 | 2400 | 8.8x10 ⁻⁴ | 1800 | 0.20 | 2 | ±0.5 | 1400 |

Dimensions



Unit (mm)

| Model | D | L1 · L2 | L | B | G | M | Tightening Torque(N.m) | Standard Bore Diameter d1.d2(mm) | | | | | | | | |
|----------|----|---------|------|------|-----|------|------------------------|----------------------------------|--------------------|----------------------|-------|----------------------|----------------------|---------------------|-------|--|
| | | | | | | | | 4×4 | 4×5 | 4 ⁵ ×5 | 5×5 | 6×6 | 6×6 ³⁵ | 6×7 | 6×8 | |
| RD8-12C | 12 | 5 | 18.5 | 2.5 | 4 | M2 | 0.5 | | | | | | | | | |
| RD8-16C | 16 | 6.5 | 23 | 3.25 | 5 | M2.5 | 1 | 4 ⁵ ×5 | 4 ⁵ ×6 | 5×5 | 5×6 | 6×6 | | | | |
| RD8-20C | 20 | 7.5 | 26 | 3.75 | 6.5 | M2.5 | 1 | 5×6 | 5×6 ³⁵ | 5×7 | 5×8 | 6×6 | 6×6 ³⁵ | 6×7 | 6×8 | |
| RD8-25C | 25 | 8.5 | 31 | 4.25 | 9 | M3 | 1.5 | 5×6 | 6×6 | 6×6 ³⁵ | 6×8 | 6×10 | 6 ³⁵ ×8 | 6 ³⁵ ×10 | 8×8 | |
| RD8-32C | 32 | 12 | 41 | 6 | 11 | M4 | 2.5 | 8×8 | 8×9 ⁵²⁵ | 8×10 | 8×12 | 9 ⁵²⁵ ×10 | 9 ⁵²⁵ ×12 | 10×10 | 10×11 | |
| RD8-40C | 40 | 17 | 56 | 8.5 | 14 | M5 | 4 | 8×8 | 12×12 | 12×14 | 14×14 | 14×16 | 15×15 | 16×16 | | |
| RD8-50C | 50 | 21 | 71 | 10.5 | 18 | M6 | 8 | 12×14 | 14×14 | 14×16 | 15×15 | 16×16 | 18×18 | | | |
| RD8-63C | 63 | 26 | 90 | 13 | 24 | M8 | 16 | 14×14 | 15×15 | 16×16 | 18×18 | | | | | |
| RD8-12CS | 12 | 5 | 18.5 | 2.5 | 4 | M2 | 0.5 | | | | | | | | | |
| RD8-16CS | 16 | 6.5 | 23 | 3.25 | 5 | M2.5 | 1 | | | | | | | | | |
| RD8-20CS | 20 | 7.5 | 26 | 3.75 | 6.5 | M2.5 | 1 | 6 ³⁵ ×8 | 8×8 | | | | | | | |
| RD8-25CS | 25 | 8.5 | 31 | 4.25 | 9 | M3 | 1.5 | 8×9 ⁵²⁵ | 8×10 | 9 ⁵²⁵ ×10 | 10×10 | | | | | |
| RD8-32CS | 32 | 12 | 41 | 6 | 11 | M4 | 2.5 | 10×12 | 10×14 | 12×12 | 12×14 | | | | | |
| RD8-40CS | 40 | 17 | 56 | 8.5 | 14 | M5 | 4 | | | | | | | | | |
| RD8-50CS | 50 | 21 | 71 | 10.5 | 18 | M6 | 8 | | | | | | | | | |
| RD8-63CS | 63 | 26 | 90 | 13 | 24 | M8 | 16 | | | | | | | | | |

Ordering Information

RD8 - 20C - **6 x 8** - **L(26)** Length
 Outer Diameter Bore Diameter:d1-d2
 Clamp Type S:Stainless Steel Body