



POWER TRANSMISSION PARTS

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Beam Couplings



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BEAM COUPLING - METRIC

RULAND FLEXBEAM BEAM

Flexbeam™ zero backlash flexible shaft couplings are available with inch and metric bores. And outside diameters ranging from 3/8" (9.5mm) to 1-1/2" (38mm). The Flexbeam series are machined from a single piece of aluminium and feature multiple spiral cuts. Stainless steel available on request.

| Part No. | | Max Bore | Power at 100 RPM kW | Nominal Torque (Nm) | | Normal Maximum Speed (RPM) |
|--------------------------|-----------|----------|---------------------------|---------------------|----------|-------------------------------------|
| Clamp | Set Screw | | | Min Bore | Max Bore | |
| Flexbeam-2 Beam Coupling | | | | | | |
| PCMR10 | PSMR10 | 3.0 | 0.002 | 0.31 | 0.31 | 6000 |
| PCMR13 | PSMR13 | 3.0 | 0.002 | 0.45 | 0.45 | 6000 |
| PCMR16 | PSMR16 | 5.0 | 0.004 | 0.85 | 0.68 | 6000 |
| PCMR19 | PSMR19 | 6.0 | 0.008 | 1.47 | 0.79 | 6000 |
| PCMR22 | PSMR22 | 8.0 | 0.006 | 1.13 | 0.91 | 6000 |
| PCMR25 | PSMR25 | 9.0 | 0.011 | 2.04 | 1.70 | 6000 |
| PCMR29 | PSMR29 | 12.0 | 0.014 | 2.66 | 1.92 | 6000 |
| PCMR32 | PSMR32 | 12.0 | 0.020 | 3.84 | 2.94 | 6000 |

Ratings are for aluminium.

For static torque rating multiply nominal torque by 2.

This coupling is fully suited to carrying torque up to this rating.

| Part No. | | Bore | | A | B | B | C |
|--------------------------|-----------|------|------|------|------|------|---|
| Clamp | Set Screw | Min | Max | | | | |
| Flexbeam-2 Beam Coupling | | | | | PCMR | PSMR | |
| PCMR10 | PSMR10 | 3.0 | 3.0 | 9.5 | 14.3 | 14.3 | |
| PCMR13 | PSMR13 | 3.0 | 3.0 | 12.7 | 19.1 | 19.1 | |
| PCMR16 | PSMR16 | 3.0 | 5.0 | 15.9 | 20.3 | 20.3 | |
| PCMR19 | PSMR19 | 3.0 | 6.0 | 19.1 | 22.9 | 22.9 | |
| PCMR22 | PSMR22 | 5.0 | 8.0 | 22.2 | 27.0 | 27.0 | |
| PCMR25 | PSMR25 | 6.0 | 9.0 | 25.4 | 31.8 | 31.8 | |
| PCMR29 | PSMR29 | 6.0 | 12.0 | 28.6 | 38.1 | 38.1 | |
| PCMR32 | PSMR32 | 6.0 | 12.0 | 31.8 | 38.1 | 38.1 | |

PERFORMANCE DATA



DIMENSIONAL DATA

