### Performance

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<th>Radial</th>
<th>Angular</th>
<th>Max RPM*</th>
<th>Torque (in-lb)</th>
<th>Torsional Stiffness (in-lb/rad)</th>
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*Max RPM for Set Screw Style, Clamp Style less 20%

### Materials

Hubs: Aluminum 6061-T6  
Fasteners: Alloy Steel  
Spiders: Polyurethane  
Temp Range: -40°F to 212°F

![Curved Jaw Couplings](image)  
Aluminum Hubs, Polyurethane Spiders

![Image](image)
COUPLINGS

Curved Jaw
Aluminum Hubs, Polyurethane Spiders

Dimensions

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<tr>
<th>Coupling Size</th>
<th>Inch or Metric</th>
<th>OD (in)</th>
<th>HD (in)</th>
<th>OAL (in)</th>
<th>L1 (in)</th>
<th>G (in)</th>
<th>C (in)</th>
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</tbody>
</table>

Materials
Hubs: Aluminum 6061-T6
Fasteners: Alloy Steel
Spiders: Polyurethane
Temp Range: -40°F to 212°F

Example:
Size 65, Clamp Style, 80A Spider, 1/2" Bores
Bore Codes: See Chart
Coupling Size: 41 to 95
Hub Style & Spider Durometer:

ondrives.us  1-888-260-7466  sales@ondrivesus.com
516-771-6444  www.ondrivesus.com
Aluminum Curved Jaw Flexible Shaft Coupling

Set Screw Fixing: 2 - 320Nm, 3 - 30mm Bores

Materials
- Setscrews: Alloy steel - black oxide coating.
- Sleeve: Polyurethane. Sleeve Durometer Hardness (Shore A): 98 (BL=80, ... are decreased in case of use in high ambient temperatures. If ambient temperature exceeds 30°C, adjust torque capacity.

Ordering
- High Torque RD (Red disc) supplied as standard. If the alternative Low Torque (BL - Blue Disc) and Medium Torque (WH - White Disc) is required, please change RD in the part number to color required (White WH or Blue BL).
- These are supplied at no extra cost. Technical Data available on request. The MJCK Keywaved couplings can be ordered as specials, but a minimum order quantity may apply. Larger sizes MJC-80 and MJC-95 available. P.O.A.

Features
- For use with stepper motors and some servo and general purpose motors.
- Excellent flexibility- torsional vibration can be absorbed as well as parallel and angular misalignments.
- Excellent resistance to oil, and electrical insulation.
- Can transmit generally higher torque than metallic spring couplings.
- Compression type coupling assembled by pressing an elastic polyurethane sleeve into hubs on both sides for zero backlash in low torque application.
- Can be used as a flexible coupling in high torque applications.
- Identical clockwise & counter-clockwise rotational characteristics.
- Finished bore product - models with two different end bores also in stock.
- Setscrews supplied. Bores of 3 or 4mm only have 1 setscrew.
- Recommended tolerance on shaft diameters is h6 and h7.
- Complete absorption of eccentricity, angularity and end-play by spring actions.

† Based on maximum shaft bores.
**COUPLINGS**

**MJC-CS**

**Aluminum Curved Jaw Flexible Shaft Coupling**

Set Screw Fixing: 2 - 320Nm, 3 - 30mm Bores

---

**Materials**

Cap Screws: Alloy steel- black oxide coating.
Sleeve: Polyurethane. Sleeve Durometer Hardness (Shore A): 98 (BL=80, WH=92).

Operating temperature Range: -20°C to +60°C.

Rated and max. torque capacities are decreased in case of use in high ambient temperatures. If ambient temperature exceeds 30°C, adjust torque capacity.

---

**Ordering**

High Torque RD (Red disc) supplied as standard.
If the alternative Low Torque (BL - Blue Disc) and Medium Torque (WH - White Disc) is required, please change RD in the part number to color required (White WH or Blue BL).

These are supplied at no extra cost. Technical Data available on request.

The MJC-CS coupling can be bored out, but not keywayed.

MJC-CKeywayed couplings can be ordered as specials, but a minimum order quantity may apply. Larger sizes MJC-80CS and MJC-95CS available. P.O.A.

---

**Part Number**

**Min. Bores ØD1 ØD2**

**Max. Bores ØD1 ØD2 ØA L W B C F G M**

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**Features**

- For use with stepper motors and some servo and general purpose motors.
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- Can transmit generally higher torque than metallic spring couplings.
- Compression type coupling assembled by pressing an elastic polyurethane sleeve into hubs on both sides for zero backlash in low torque application.
- Can be used as a flexible coupling in high torque applications.
- Identical clockwise & counter-clockwise rotational characteristics.
- Finished bore product - models with two different end bores also in stock.
- Capscrews supplied.
- Recommended tolerance on shaft diameters is h6 and h7.
- Complete absorption of eccentricity, angularity and end-play by spring actions.

† Based on maximum shaft bores.

---

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Rated and max. torque capacities are decreased in case of use in high ambient temperatures. If ambient temperature exceeds 30°C, adjust torque capacity.

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**Ordering**

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If the alternative Low Torque (BL - Blue Disc) and Medium Torque (WH - White Disc) is required, please change RD in the part number to color required (White WH or Blue BL).

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