

Single-disc flexible coupling



MHS

Couplings for servo-motors

Torque: 2.8 to 38Nm

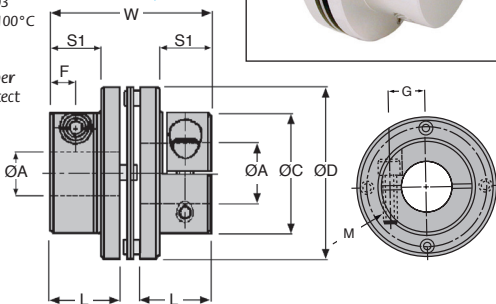
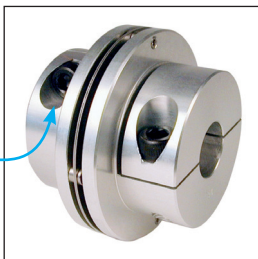
- Very rigid in torsion
- Misalignment absorbed by stainless steel disc
- Backlash free
- Resistant to oil and chemical products
- Maintenance free
- Materials:
 - Hubs: Aluminium A-U4G
 - Disc: Stainless steel 301
 - Pin: Stainless steel 303
- Max. working temp.: +100°C

Applications

- Ideal for use with stepper motors that cannot detect start position
- Applications requiring high accuracy
- Automated systems

Info

- We are unable to modify these parts



DISCOUNTS

| Qty | 1+ | 5+ | 10+ | 15+ | 20+ |
|-------|------|------|------|------|------------|
| Disc. | List | -10% | -15% | -25% | On request |

| Part number | Max. speed of rotation (rpm) | Weight (g) | Moment of inertia (kg·m ²) | Static torsional stiffness (Nm/Rad) | Misalignment | | | Nominal torque (Nm) | Max. torque (Nm) |
|-------------|------------------------------|------------|--|-------------------------------------|--------------|---------|------------|---------------------|------------------|
| | | | | | Radial (mm) | Angular | Axial (mm) | | |
| MHS-32C | 1900 | 38 | 4,5 x 10 ⁻⁶ | 1300 | - | 1° | ±0,20 | 2,8 | 5,6 |
| MHS-40C | 1500 | 66 | 1,2 x 10 ⁻⁵ | 2800 | - | 1° | ±0,20 | 6,0 | 12,0 |
| MHS-50C | 1200 | 120 | 3,7 x 10 ⁻⁵ | 3700 | - | 1° | ±0,20 | 12,0 | 24,0 |
| MHS-63C | 1000 | 190 | 8,4 x 10 ⁻⁵ | 5000 | - | 1° | ±0,20 | 19,0 | 38,0 |

| Part number | Standard bore | Max. bore | ØD | F | L | W | ØC | S1 | M | G | Stock* | Price each 1 to 4 |
|-------------|---------------|-----------|----|---|-------|----|----|----|----|-------|--------|-------------------|
| | ØA | ØA | | | | | | | | | | |
| MHS-32C | 6 | 10 | 32 | 4 | 13,70 | 32 | 22 | 9 | M3 | 8,00 | ✓✓ | 160,35 € |
| MHS-40C | 8 | 14 | 40 | 6 | 16,50 | 38 | 28 | 12 | M4 | 10,50 | ✓ | 174,11 € |
| MHS-50C | 12 | 20 | 50 | 7 | 19,40 | 44 | 39 | 15 | M5 | 14,75 | ✓ | 210,52 € |
| MHS-63C | 15 | 25 | 63 | 8 | 22,30 | 50 | 45 | 18 | M6 | 17,00 | - | 294,09 € |

*Depending on availability - Dimensions in mm

HPC

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04/2020

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Our other products



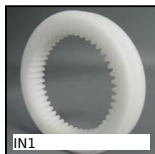
PRES

Manual workbench press accessory for PRES-3HR end PRES-4HR, Tool hol...



SLB

Indexing plunger, stainless steel



IN1

Internal gear, Machined plastic (delrin)



PAMF80EB

Articulated foot with sheet metal base Ø80, Articulated foot



LC

Friction clutch, 190 to 1800 Nm



VDSQCB

Sliding lock adjustment system, Blocking wedge



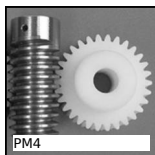
WW10

Drylin® W slide, slide assembly



INSTool

Insertion tool for self tapping inserts, Insertion tool



PM4

Worm and wheel set, Machined plastic



M1

Worm and wheel set, Machined plastic



HRV

V-rail guidance Simple Select®



EFTC

Fixing support, Stainless steel

Complementary products



MHWC

Double-disc flexible coupling, Double disk