

## Master Link Assembly MC1 POWERTEX

### Product information



The POWERTEX Master Link assembly MC1 is part of the range of Powertex G10 Lifting Sling Chain Components. The MC1 assembly is made up of a master link and an integrated connector with a shortening hook. This convenient combination allows operators to easily adjust the assembly length according to the specific application requirements. Due to its integrated components, this part is more cost-efficient, user-friendly, and lightweight than traditional assemblies. The MC-1 is to be used for one leg chain sling assemblies.

Available for 6 mm up to 16 mm chain and from WLL 1,4t up to WLL 10t. All models have a welded master link and forged connector.

Also available as MC2 for two-legged assemblies and MC4 for four-legged assemblies.

#### Powertex G10 Range benefits:

- 25% higher capacity compared to traditional Grade 8 components
- All POWERTEX G10 components are powder painted in luminous red
- Multi-functional master links and components are included in the range to allow quick and cost-effective assembly of chain slings
- The components meet EN 1677 part 1/2/3/4 +25% WLL
- Each forged component is crack detection tested, and samples are proof load tested.
- Each component is type tested in the factory and fatigue rated to 20,000 cycles at 1.5 times the WLL
- Full traceability through a batch number
- Replacement spare parts available
- All components are chromium 6 free
- POWERTEX 2.2 certificate enclosed with each box of components ... [Read more](#)

**Marking:** According to standard, POWERTEX + Model (MC1-6-10) + traceability code.

**Temperature range:** -40°C up to +200°C without reduction in WLL

**Finish:** Powder painted in luminous red

**Standard:** EN 1677-4 (+25% WLL) , AS 3776

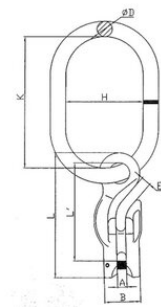
**Note:** All models are welded

**Safety factor:** 4:1

**Grade:** 10

## Master Link Assembly MC1 POWERTEX

### Blueprint



### Technical data

| Part code    | Code      | WLL ton | EWL mm | For chain, 1-leg mm | A mm | B mm | D mm | E mm | H mm | K mm | L mm | L' mm | Weight kg |
|--------------|-----------|---------|--------|---------------------|------|------|------|------|------|------|------|-------|-----------|
| 402100140790 | MC1-6-10  | 1.4     | 198    | 6                   | 8    | 32   | 13   | 8    | 60   | 110  | 112  | 88    | 1.24      |
| 402100250790 | MC1-8-10  | 2.5     | 236    | 8                   | 10   | 36   | 14   | 10   | 70   | 120  | 145  | 116   | 1.81      |
| 402100400790 | MC1-10-10 | 4       | 285    | 10                  | 12.5 | 48   | 17   | 12.5 | 80   | 140  | 184  | 145   | 3.41      |
| 402100670790 | MC1-13-10 | 6.7     | 338    | 13                  | 15.5 | 59.5 | 22   | 15.5 | 95   | 160  | 223  | 178   | 6.2       |
| 402101000790 | MC1-16-10 | 10      | 406    | 16                  | 19   | 70   | 25   | 19   | 110  | 190  | 273  | 216   | 11.25     |