Lifting Solutions Group
Axel Johnson International

Master Link Assembly MC4 POWERTEX

Product information



The POWERTEX Master Link assembly MC4 is a Grade 10 master link assembly with two integrated connectors, each fitted with two shortening hooks, for four-leg chain sling assemblies. The integrated design allows all four sling legs to be adjusted quickly for different lifting applications while reducing the number of separate components compared with a traditional assembly.

Available for 6 mm up to 16 mm chain and from WLL 3t up to WLL 21,2t.
All models have a welded master link and forged connectors.

Also available as MC1 for one-leg assemblies and MC2 for two-legged assemblies.

Best used for

- Four-leg Grade 10 chain sling assemblies.
- Lifting applications requiring quick and easy sling length adjustment.

Product benefits

- Four integrated shortening hooks enable quick adjustment of all sling legs.
- Combined design reduces components, weight, and assembly costs.
- Designed as the top assembly for four-leg chain sling configurations.
- Grade 10 design delivers 25% higher capacity than traditional Grade 8 components.
- Conforms to EN 1677 Parts 1, 2, 3 and 4 with 25% increased WLL.
- Each forged component is crack detection tested. Production samples are proof-load tested, and the design is factory-type tested.
- The design is fatigue tested to 20,000 cycles at 1.5 × WLL, with batch traceability and a POWERTEX 2.2 certificate.
- The components may also be used with Grade 8 chain to EN 818-2. In such a case, the chain sling must be rated to Grade 8 in accordance with E ... *Read more*

Marking: According to standard, POWERTEX + Model (MC4-6-10) + traceability code.
Temperature range: -40°C up to +200°C without reduction in WLL
Finish: Powder painted in red
Standard: EN 1677-4 (+25% WLL) , AS 3776
Note: All models are welded

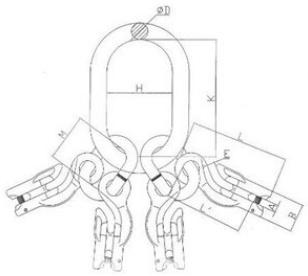
Safety factor: 4:1
Grade: 10

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Blueprint



Technical data

Part code	Code	WLL ton	EWL mm	For chain, 3-4-leg mm	A mm	B mm	D mm	E mm	H mm	K mm	L mm	L' mm	M mm	Weight kg
402100300810	MC4-6-10	3	223	6	8	32	18	8	75	135	112	88	54	2.32
402100530810	MC4-8-10	5.3	276	8	10	36	22	10	90	160	145	116	70	4.95
402100840810	MC4-10-10	8.4	325	10	12.5	48	27	12.5	100	180	184	145	85	8.8
402101400810	MC4-13-10	14	378	13	15.5	59.5	33	15.5	110	200	223	178	115	15.8
402102120810	MC4-16-10	21.2	476	16	19	70	36	19	140	260	273	216	140	28.6

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