



Manual cutting of metal tubes in any position!



Guiding of the multi-roller cutting chain and the MRA through the clamping shells

Diameter-specific clamping shells

Durable storage and shipping case

Multi-roller cutting chains: The cutting wheels are made from hardened steel

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Metal Tube Cutter MRA

Metal Tube Cutter

The clever solution for cutting metal tubes manually. This Metal Tube Cutter is especially designed for cramped working places and for chipless cutting processes.

- Deformation-free and square cut
- No electricity required
- Requires little space, for use in limited access areas

MRA

For manual cutting of metal tubes in any position.
Easy to use – first-rate cutting technology.

The patented cutting technique used in designing the MRA is based on the diameter-specific clamping shells and the flexible multi-roller cutting chain. Both these components are made of hardened, wear resistant steel and provide the following advantages:

- Long service life of the components
- The cutting chain is at a right-angle around the tube
- The MRA runs on track rollers on the clamping shells
- Minimum hand movements
- Tubes made of stainless steel can be cut

For tube materials:

- High-alloy steel (stainless steel material e.g. no. 1.40... to 1.45... or 304/316 materials)
- Low-alloy and unalloyed steel
- Cast materials
- Non-ferrous metals

Comes with:

- 1 Metal Tube Cutter MRA*
- 1 Durable storage and shipping case
- 1 Socket head key
- 1 Connection clamp
- 1 Pair of working gloves
- 1 Set of operating instructions and spare parts list

* without multi-roller cutting chains and without clamping shells (see accessories)



MRA

Application range	MRA
Tube OD	25.0 - 254.0 mm 0.984 - 10.000 inch
Wall thickness (depends on material)*	0.8 - 3.0 mm 0.031 - 0.118 inch
Technical data	
Dimensions	450 x 105 mm 17.7 x 4.1 inch

* for high-alloy steels, the max. wall thickness which can be processed is 2.0 - 2.5 mm (0.08 - 0.09 inch).

Article	Code	Weight of machine kg	Dispatch weight kg
Metal Tube Cutter MRA	790 008 001	3.100	8.000

Accessories for MRA

Multi-roller cutting chains

Cutting wheels made from hardened steel.



Multi-roller cutting chain

Article	Tube OD [mm]	Tube OD [inch]	Number of cutting wheels [pieces]	Code	kg
Multi-roller cutting chain for MRA	25.0 - 114.3	0.984 - 4.500	15	790 008 018	0.500
Multi-roller cutting chain for MRA	114.3 - 254.0	4.500 - 10.000	16	790 008 041	0.900

Clamping shells

Set of two pieces, made from hardened steel. One pair of clamping shells needed for each tube size. Further dimensions of clamping shells are available on request.



Clamping shells

Article	Tube OD [mm]	Tube OD [inch]	Code	kg
Clamping shells for MRA	25.0	0.984	790 008 102	0.650
Clamping shells for MRA	25.4	1.000	790 008 104	0.655
Clamping shells for MRA	29.0	1.142	790 008 103	0.705
Clamping shells for MRA	33.7	1.330	790 008 105	0.885
Clamping shells for MRA	38.1	1.500	790 008 130	0.955
Clamping shells for MRA	40.0	1.575	790 008 135	0.955
Clamping shells for MRA	42.4	1.670	790 008 140	1.005
Clamping shells for MRA	44.5	1.752	790 008 150	1.052
Clamping shells for MRA	48.3	1.900	790 008 155	1.100
Clamping shells for MRA	50.0	1.970	790 008 160	1.130
Clamping shells for MRA	50.8	2.000	790 008 165	1.140
Clamping shells for MRA	52.0	2.050	790 008 175	1.190
Clamping shells for MRA	53.0	2.087	790 008 180	1.150
Clamping shells for MRA	54.0	2.125	790 008 185	1.100
Clamping shells for MRA	57.0	2.244	790 008 190	1.210
Clamping shells for MRA	60.3	2.375	790 008 195	1.315
Clamping shells for MRA	63.5	2.500	790 008 200	1.375
Clamping shells for MRA	65.0	2.559	790 008 203	1.375
Clamping shells for MRA	70.0	2.755	790 008 215	1.445
Clamping shells for MRA	73.0	2.874	790 008 220	1.480
Clamping shells for MRA	75.0	2.950	790 008 225	1.600
Clamping shells for MRA	76.1	2.996	790 008 230	1.560
Clamping shells for MRA	80.0	3.150	790 008 233	1.375
Clamping shells for MRA	84.0	3.300	790 008 240	1.690
Clamping shells for MRA	85.0	3.350	790 008 245	1.750
Clamping shells for MRA	88.9	3.500	790 008 250	1.780
Clamping shells for MRA	100.0	3.937	790 008 255	1.970
Clamping shells for MRA	101.6	4.000	790 008 260	2.025
Clamping shells for MRA	104.0	4.095	790 008 270	1.925
Clamping shells for MRA	108.0	4.252	790 008 280	2.100
Clamping shells for MRA	110.0	4.330	790 008 285	2.150
Clamping shells for MRA	114.3	4.500	790 008 290	2.295
Clamping shells for MRA	129.0	5.080	790 008 315	2.800
Clamping shells for MRA	139.7	5.500	790 008 325	3.000
Clamping shells for MRA	150.0	5.906	790 008 333	3.375
Clamping shells for MRA	152.4	6.000	790 008 335	3.232
Clamping shells for MRA	154.0	6.060	790 008 340	3.365
Clamping shells for MRA	160.0	6.300	790 008 355	3.520
Clamping shells for MRA	165.0	6.496	790 008 360	4.125
Clamping shells for MRA	168.3	6.625	790 008 365	3.600
Clamping shells for MRA	204.0	8.030	790 008 380	4.375
Clamping shells for MRA	219.1	8.625	790 008 385	4.680
Clamping shells for MRA	228.6	9.000	790 008 387	4.890
Clamping shells for MRA	254.0	10.000	790 008 390	5.420