

Liquid Cooled

MB **EVO** MIG/MAG Welding Torches

EVOLINE

+ **NEW FOR 2008.**
HDH hoses as standard.



MB **EVO** 401 D

Technical Data (EN 60 974-7)

Rating	Duty Cycle	Wire Size
400 A CO ²	100%	0.8 - 1.6 mm
350 A Mixed Gas		

MB **EVO** 501 D

Technical Data (EN 60 974-7)

Rating	Duty Cycle	Wire Size
500 A CO ²	100%	1.0 - 1.6 mm
450 A Mixed Gas		



Ball jointed cable assembly, wide excursion range.



MB **EVO** 'GRIP' handle, moulded 2K material.



Same consumables as industry standard MB **ERGO** range.

+ **Special length** manual & automatic torches are available on request.

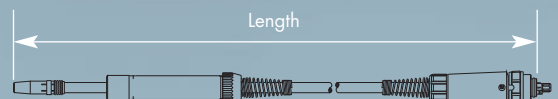
Manual Torches

Torch	3 Metre	4 Metre	5 Metre
MB EVO 401 D	033.0271	033.0272	033.0273
MB EVO 501 D	034.0492	034.0493	034.0494

+ When ordering complete automatic torches, please indicate **torch type**, **neck angle** and **length**.

Automatic Torches

Torch	3 Metre
AUT 401/501 D Str	934.0032
AUT 401/501 D 45°	934.0033

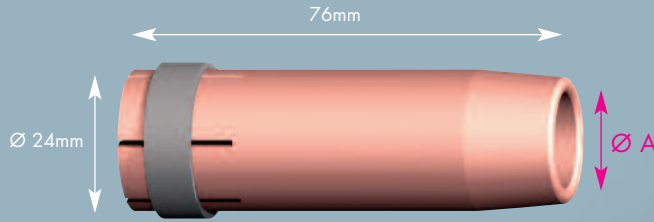


Technology for the Welder's World.



Gas Nozzles

Pack Size = 10



Ø A	Type	Part Number
Ø 20mm	Cylindrical	145.0051
Ø 16mm	Conical	145.0085
Ø 14mm	Tapered	145.0132



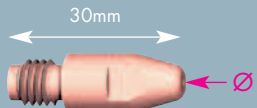
M6 Contact Tips

Pack Size = 50 (ABITIP plus = 10)



A full range of our **M6** contact tips is available.

Diameter	Standard (E-Cu)	Heavy Duty (CuCrZr)	Aluminium	ABITIP® plus
Ø 0.8 mm	140.0051	140.0054	141.0001	144.0054
Ø 1.0 mm	140.0242	140.0245	141.0006	144.0245
Ø 1.2 mm	140.0379	140.0382	141.0010	144.0382
Ø 1.4 mm	140.0516	140.0519	141.0019	144.0519
Ø 1.6 mm	140.0555	140.0558	141.0020	144.0558



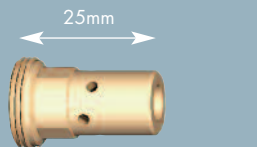
M8 Contact Tips

Pack Size = 50 (ABITIP plus = 10)



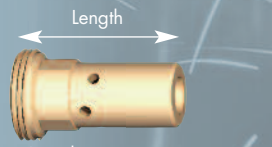
A full range of our **M8** contact tips is available.

Diameter	Standard (E-Cu)	Heavy Duty (CuCrZr)	Aluminium	ABITIP® plus
Ø 0.8 mm	140.0114	140.0117	141.0003	144.0117
Ø 1.0 mm	140.0313	140.0316	141.0008	144.0316
Ø 1.2 mm	140.0442	140.0445	141.0015	144.0445
Ø 1.4 mm	140.0533	140.0536	141.0055	144.0536
Ø 1.6 mm	140.0587	140.0590	141.0022	144.0590



Std Tip Adaptor

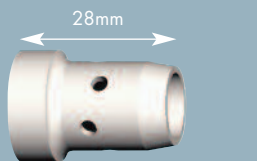
Pack Size = 10



Long Tip Adaptor

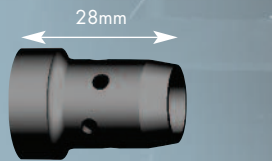
Pack Size = 10

	Std	Length	Long
M6	142.0008	29mm	142.0013
M8	142.0022	31mm	142.0027



Gas Diffusor

Pack Size = 10



HD Gas Diffusor

Pack Size = 10

	Part Number	Part Number
Standard Ceramic	030.0145 030.0190	Heavy Duty 030.0037



Steel Liners

Uncoated liner carry gas separate from the wire/liner

Colour	Diameter Ø	3 Metre	4 Metre	5 Metre	50 Metre Coil
White	0.6 - 0.8 mm	122.0005	122.0007	122.0009	120.0009
Grey	1.0 - 1.2 mm	122.0031	122.0036	122.0039	120.0026
Black	1.4 - 1.6 mm	122.0056	122.0060	122.0063	-



PTFE Liners

To be used for Aluminium welding

Colour	Diameter Ø	3 Metre	4 Metre	5 Metre	50 Metre Coil
Blue	0.6 - 0.8 mm	126.0005	126.0008	126.0011	125.0004
Orange	1.0 - 1.2 mm	126.0021	126.0026	126.0028	125.0006
Yellow	1.4 - 1.6 mm	126.0039	126.0042	126.0045	125.0017

Swan Neck

	MB EVO 401 D	MB EVO 501 D
50° Swan Neck	033.0277	034.0496
Insulator	030.0019	030.0019





Handle

	MB EVO 401 D	MB EVO 501 D
Complete Handle	180.0127	180.0127
Switch	185.0101	185.0101
Ball Joint	400.1125	400.1125
Locking Ring	400.1122	400.1122
Screw	400.1123	400.1123
Insert Bush	400.1091	400.1091

Cable Assembly

	3 Metre	4 Metre	5 Metre
Power Cable	115.0561	115.0562	115.0563
Wire Conduit	156.0275	156.0276	156.0277
Outer Cover		107.0004 (per metre)	
Water Hose		109.0052 (per metre)	
Gas Hose		109.0040 (per metre)	

Water & Gas Hose Parts

	Water Hose	Gas Hose
Hose Clamp	173.0001	171.0002
Quick Connector	501.0114	-
 Fastening Cap	501.2423	-
 Fastening Cap	501.2424	-
 Hose Marker	501.2166	-
 Hose Marker	501.2167	-

Gun Plug Assembly

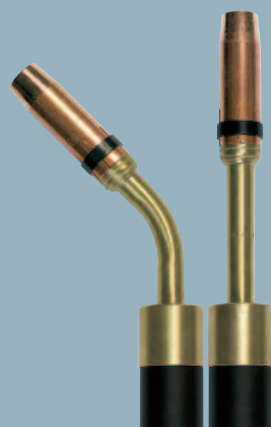
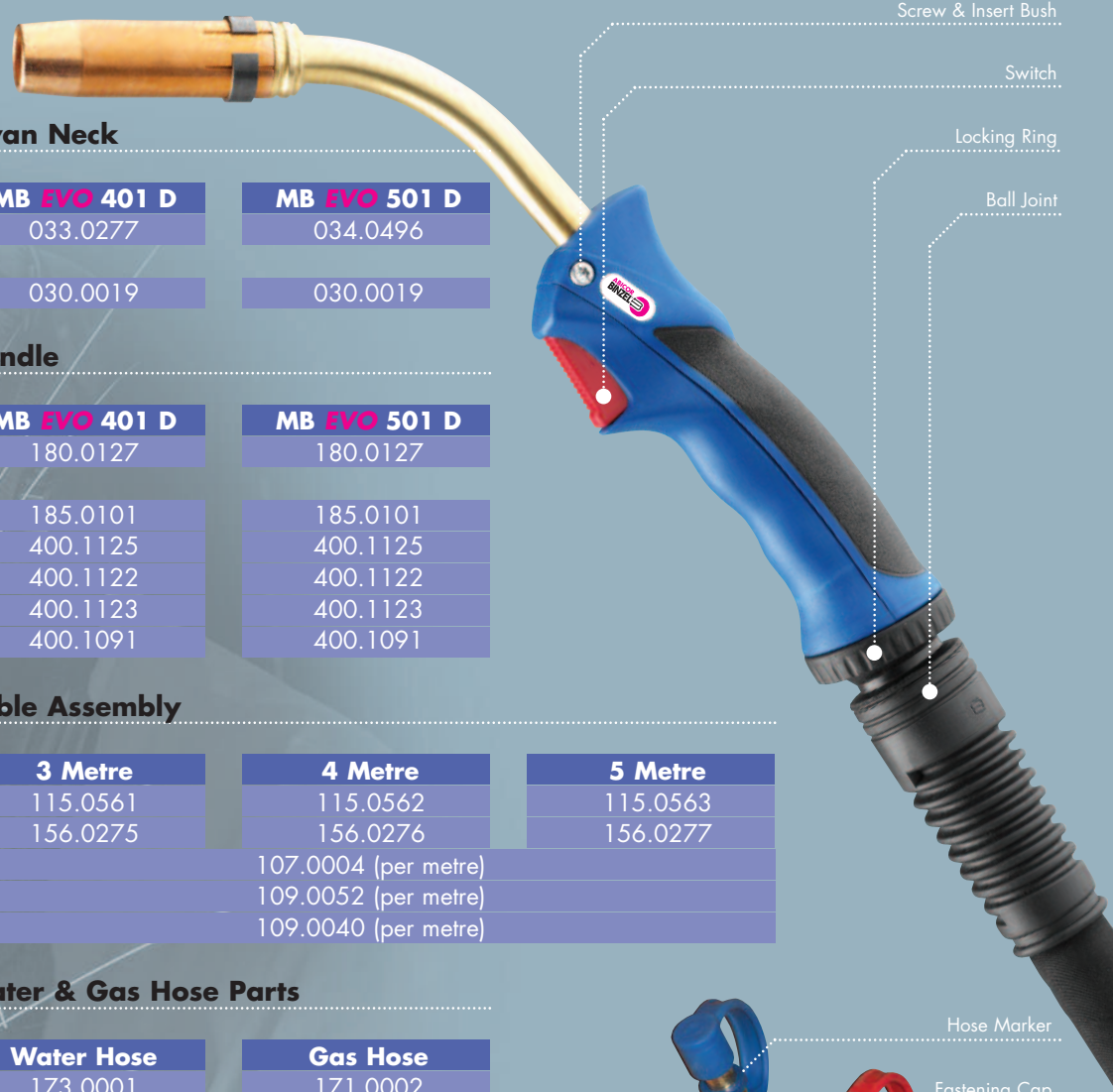
	MB EVO 401 D	MB EVO 501 D
Gun Plug Body	501.0015	501.0015
Liner Nut	501.0082	501.0082
Spring Pins	501.2378	501.2378
Locking Nut	500.0213	500.0213
Black Housing	500.0342	500.0342
Spring Support	500.0233	500.0233

Automatic Version

	AUT 501 D
Straight Neck	934.0001
22° Neck	934.0067
45° Neck	934.0002
Handle	180.0097
Support Spring	500.0233

+ A full range of our **Hose Clamps & Quick connectors** is available.

+ The consumables for the automatic torches are the same as the manual torches.



The Ergo Has Evolved.

MB **EVO** MIG/MAG Welding Torches Excellent Ergonomics & Flexibility!

- The Ergonomic handle with 'GRIP' – positive handling even in extreme circumstances.
- Ball joint for air and liquid cooled torches – optimal handling.
- Air cooled up to 320 A.
- Liquid cooled up to 500 A.
- Optimum cooling of the torch – extending torch life.
- BIKOX® R air cooled torches – high flexibility even at low temperatures, extremely UV-resistant, considerably increased temperature stability and tensile strength.
- Time-saving torch change-over due to the ABICOR BINZEL central connector.
- Ergonomically and technically mature and reliable.
- Leading quality recognised worldwide.

Introducing the rest of the **EVO** range...



1. MB **EVO** 15 AK
Air Cooled
2. MB **EVO** 25 AK
Air Cooled
3. MB **EVO** 36 KD
Air Cooled

Technology for the Welder's World.



EVOLINE

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