

TIG Machine Torches "ABITIG® MT"

air and liquid cooled



- Compact in design
- Rugged cable assemblies suitable for all established welding machines
- Ideally suited for welding operations with simple geometries

ABITIG® 400 W MT

Technical data (EN 60 974-7):

Type of cooling: liquid cooled
 Rating: 400 A DC
 280 A AC
 Duty cycle: 100%
 Tungsten electrodes: Ø 1.6–4.8 mm

ABITIG® 500 W MT

Technical data (EN 60 974-7):

Type of cooling: liquid cooled
 Rating: 500 A DC
 350 A AC
 Duty cycle: 100%
 Tungsten electrodes: Ø 1.6–6.4 mm



ABITIG® 500 W MT with cold wire feeding (see page 38).

Torch complete			Torch body	
Type	Cooling	Part-No.	Type	Part-No.
ABITIG® 400 W MT	liquid cooled	see comment ¹	Standard; 228.0 mm	779.4020
ABITIG® 500 W MT	liquid cooled	see comment ¹	Standard; 265.0 mm	779.6020

¹ Due to the highly differing types of connections on the machine side we cannot list order numbers for complete torches. For the order of complete torches please indicate the cable assembly length and the machine side connection.

ABITIG® 400 W MT, ABITIG® 500 W MT

Wear parts

ABITIG® 400 W MT

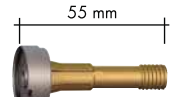
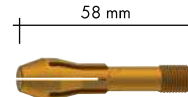
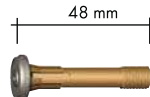
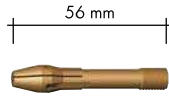
ABITIG® 500 W MT

Guide tube (1 pc.)



779.4030

779.6026



Electrode holder / Gas diffuser

Electrode holder (5 pcs.)

Gas diffuser (5 pcs.)

Electrode holder (1 pc.)

Gas diffuser (1 pc.)

Ø 1.6 mm	775.0062	773.0172
Ø 2.0 mm	775.0067	773.0177
Ø 2.4 mm	775.0063	773.0173
Ø 3.2 mm	775.0064	773.0174
Ø 4.0 mm	775.0065	773.0175
Ø 4.8 mm	775.0066	773.0176
Ø 6.4 mm	-	-

779.6044	779.6058
779.6049	779.6063
779.6045	779.6059
779.6046	779.6060
779.6047	779.6061
779.6048	779.6062
779.6050	779.6064



Insulator (1 pc.)

779.4043

779.6033



Gas nozzle, ceramic (10 pcs.)

Standard version x = 26 mm x = 37 mm

Long version

Standard version

Long version

Ø 7.5 mm	-	775.0081	775.2171
Ø 10.0 mm	775.0152	775.0082	775.2172
Ø 12.5 mm	-	-	-
Ø 13.0 mm	775.0153	775.0083	775.2173
Ø 13.0 mm (boosted)	-	775.0183	-
Ø 15.0 mm	-	775.0084	775.2174
Ø 15.0 mm (boosted)	-	775.0184	-
Ø 16.0 mm	-	-	-
Ø 19.5 mm	-	-	-
Ø 24.0 mm	-	-	-

-	-
-	-
-	778.1183
-	-
-	-
-	-
-	-
-	778.1184
-	778.1188
778.1189	-

Further options please see chapter 10 of our spare parts list – this you can find in the download area of our website www.binzel-abicor.com.