

TIG Machine Torches "ABITIG® MT"

air and liquid cooled



- Compact in design
- Rugged cable assemblies suitable for all established welding machines
- ABITIG® 200 MT / 300 W MT with adjustable tungsten electrode
- Ideally suited for welding operations with simple geometries

ABITIG® 200 MT

Technical data (EN 60 974-7):

Type of cooling:	air cooled
Rating:	200 A DC 140 A AC
Duty cycle:	60%
Tungsten electrodes:	Ø 1.6–4.0 mm

ABITIG® 300 W MT

Technical data (EN 60 974-7):

Type of cooling:	liquid cooled
Rating:	300 A DC 210 A AC
Duty cycle:	100%
Tungsten electrodes:	Ø 1.6–4.8 mm

Torch complete

Type	Cooling	Part-No.
ABITIG® 200 MT	air cooled	see comment ¹
ABITIG® 300 W MT	liquid cooled	see comment ¹

Torch body

Type	Part-No.
Standard; 249.0 mm	778.2020
Standard; 249.0 mm	779.2020

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® 200 MT, ABITIG® 300 W MT

Wear parts



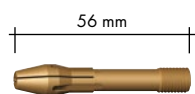
Guide tub (1 pc.)

778.1030

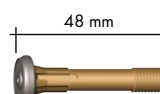


Collet (1 pc.)

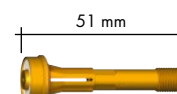
778.1140



Electrode holder



Gas diffuser



Gas diffuser

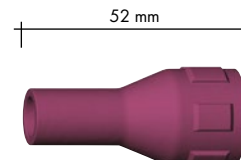
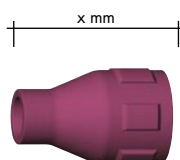
**Electrode holder /
Gas diffuser** (5 pcs.)

	Electrode holder	Gas diffuser	Gas diffuser
Ø 1.6 mm	775.0062	773.0172	773.0112.5
Ø 2.0 mm	775.0067	773.0177	-
Ø 2.4 mm	775.0063	773.0173	773.0113
Ø 3.2 mm	775.0064	773.0174	773.0114
Ø 4.0 mm	775.0065	773.0175	-
Ø 4.8 mm	775.0066	773.0176	-



Insulator (1 pc.)

775.1043



Gas nozzle, ceramic

Standard version

Long version

	x = 26 mm	x = 37 mm	
(10 pcs.)			
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	-	-	-

Further options, e. g. the "Jumbo" version up to NS 24 or metal gas nozzles, please see chapter 10 of our spare parts list - this you can find in the download area of our website www.binzel-abicor.com.



Setting gauge (1 pc.)

778.1157