

TIG Welding Torches "ABITIG®" with rotary valve air cooled

- Rotary valve for regulating gas mounted directly on the torch body
- Light and flexible cable assemblies for all common TIG welding power sources
- Consumables compatible to the international standard

ABITIG® 17 V / FV¹

Technical data (EN 60 974-7):

Type of cooling: air cooled
Rating: 140 A DC
100 A AC
Duty cycle: 35%
Tungsten electrodes: Ø 0.5–2.4 mm

ABITIG® 26 V / FV¹

Technical data (EN 60 974-7):

Type of cooling: air cooled
Rating: 180 A DC
130 A AC
Duty cycle: 35%
Tungsten electrodes: Ø 0.5–4.0 mm

¹ FV = Torch body (with rotary valve)
Flexible

ABITIG® 26 V

Torch complete		Part-No.		Torch body	
Type	Version ²	4 m	8 m	Type	Part-No.
ABITIG® 17 V	Rotary valve / Plug 10-25	706.1057	706.1058	Standard; 65.0 mm	705.0038
ABITIG® 17 V	Rotary valve / Plug 35-50	706.1037	706.1038	Standard; 65.0 mm	705.0038
ABITIG® 17 FV	Rotary valve / Plug 10-25	706.1157	706.1158	Flexible; 80.0 mm	703.0010
ABITIG® 17 FV	Rotary valve / Plug 35-50	706.1137	706.1138	Flexible; 80.0 mm	703.0010
ABITIG® 26 V	Rotary valve / Plug 35-50	706.4037	706.4038	Standard; 80.0 mm	705.0091
ABITIG® 26 FV	Rotary valve / Plug 35-50	706.4137	706.4138	Flexible; 80.0 mm	703.0290

² Power cable / gas hose separate, gas hose with G1/4" union nut. Other versions available on request.

Wear parts – back cap, collet, collet body, adaptor, insulating ring and gas nozzle – are identical with those of the same type for ABITIG® torches.

ABITIG® 17 V / FV / ABITIG® 26 V / FV

Wear parts

Back cap (10 pcs.)



Short
712.1053



Long
712.1051

Collet (10 pcs.)



Version (50 mm)



Version (52 mm)

Ø 0.5 mm	702.0005 / 10N21	701.0169 / 10N21D
Ø 1.0 mm	702.0006 / 10N22	701.0171 / 10N22D
Ø 1.2 mm	702.0007 / -	701.0170 / -
Ø 1.6 mm	702.0008 / 10N23	701.0172 / 10N23D
Ø 2.0 mm	702.0012 / -	701.0176 / -
Ø 2.4 mm	702.0009 / 10N24	701.0173 / 10N24D
Ø 3.2 mm	702.0010 / 10N25	701.0174 / 10N25D
Ø 4.0 mm	702.0011 / 54N20	701.0175 / 54N20D

Insulating ring / Adaptor



Insulating ring (10 pcs.)
703.0012 / 18CG



Adaptor (10 pcs.)
701.0130 / 54N01



Adaptor (5 pcs.)
701.1122 / 54N63

Collet body



Standard version
(10 pcs.)

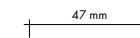


Standard version
with gas lens (10 pcs.)

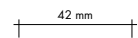


Jumbo version
with gas lens (5 pcs.)

Ø 0.5–1.2 mm	701.0190 / 10N30	701.0201 / 45V24	-
Ø 1.6 mm	701.0191 / 10N31	701.0203 / 45V25	701.1116 / 45V116
Ø 2.0 mm	701.0196 / 10N32	701.0207 / 45V26	-
Ø 2.4 mm	701.0196 / 10N32	701.0207 / 45V26	701.1117 / 45V64
Ø 3.2 mm	701.0197 / 10N28	701.0209 / 45V27	701.1118 / 995795
Ø 4.0 mm	701.0198 / 406488	701.0211 / 45V28	701.1208 / 45V63



Standard version



Standard version
for gas lens

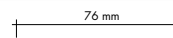


Jumbo version
for gas lens

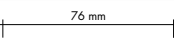
Gas nozzle, ceramic
(10 pcs.)

No. 4 Ø 6.5 mm	701.0107 / 10N50	701.0420 / 54N18	-
No. 5 Ø 8.0 mm	701.0108 / 10N49	701.0421 / 54N17	-
No. 6 Ø 9.5 mm	701.0109 / 10N48	701.0422 / 54N16	701.1199 / 57N75
No. 7 Ø 11.0 mm	701.0110 / 10N47	701.0423 / 54N15	-
No. 8 Ø 12.5 mm	701.0111 / 10N46	701.0424 / 54N14	701.1200 / 57N74
No. 10 Ø 16.0 mm	701.0113 / 10N45	-	701.1201 / 53N88
No. 12 Ø 19.5 mm	701.0114 / 10N44 ¹	701.0426 / 54N19	701.1121 / 53N87

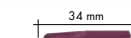
¹ 50 mm long



Standard version



Standard version
for gas lens



Jumbo version
for gas lens²

Gas nozzle, ceramic
(10 pcs.)

No. 5 Ø 8.0 mm	701.0115 / 10N49L	701.0427 / 54N17L	-
No. 6 Ø 9.5 mm	701.0116 / 10N48L	701.0428 / 54N16L	-
No. 7 Ø 11.0 mm	701.0117 / 10N47L	701.0429 / 54N15L	-
Ø 24.0 mm	-	-	701.1202 / 53N89

² not suitable for high frequency