TIG WELDING TORCHES **ABITIG® GRIP LITTLE**

ABITIG® GRIP LITTLE 90 ▪ ABITIG® GRIP LITTLE 180 W

All documents in one place: ABIDOC



ABITIG® GRIP LITTLE 90

ABITIG® GRIP LITTLE 180 W

ABITIG® GRIP Little 90

Rating:	90 A DC
	60 A AC
Duty cycle:	35 %
Tungsten electrodes Ø:	1.0–1.6 mm

ABITIG® GRIP Little 180 W

Rating:	180 A DC
	130 A AC
Duty cycle:	100 %
Tungsten electrodes Ø:	1.0–3.2 mm

60–180 A

Description		**Torch body**	
Type	Cooling	Version	Part-No.
ABITIG® GRIP Little 90	gas cooled	Standard – 60.0 mm	770.0040.1
ABITIG® GRIP Little 180 W	liquid cooled	Standard – 60.0 mm	772.0040.1

Technical data according to EN 60 974-7

Due to the different connection variants on the machine side, it is not possible to list part numbers for complete torches. Please contact our sales department.

Wear parts





Back cap (10 pcs.)	Short	Standard
	771.0053	771.0051



Spring (10 pcs.)	
	771.0037







Electrode holder / Gas diffuser (5 pcs.)	Electrode holder	Gas diffuser	Gas diffuser Multilayer
Ø 1.0 mm	771.0061	771.0111	–
Ø 1.6 mm	771.0062	771.0112	–
Ø 2.0 mm	771.0067	771.0117	–
Ø 2.4 mm	771.0063	771.0113	771.0123
Ø 3.2 mm	771.0064	771.0114	771.0124





Gas nozzle, ceramic (10 pcs.)	Standard	Standard
Ø 6.0 mm (Gr. 1)	771.0081	–
Ø 8.0 mm (Gr. 2)	771.0082	–
Ø 10.5 mm (Gr. 3)	771.0083	771.0083





Gas nozzle, ceramic (10 pcs.)	Long	Long
Ø 6.0 mm (Gr. 1)	771.2171	–
Ø 8.0 mm (Gr. 2)	771.2172	–
Ø 10.5 mm (Gr. 3)	771.2173	771.2173

TIG WELDING TORCHES **ABITIG® GRIP LITTLE**

ABITIG® GRIP LITTLE 150/F ▪ ABITIG® GRIP LITTLE 260 W/WF

All documents in one place: ABIDOC



ABITIG® GRIP LITTLE 150

ABITIG® GRIP LITTLE 260 W

Special wear parts see page 158

100–240 A

ABITIG® GRIP Little 150/F

Rating:	140 A DC
	100 A AC
Duty cycle:	35 %
Tungsten electrodes Ø:	1.0–2.4 mm

ABITIG® GRIP Little 260 W/WF

Rating:	240 A DC
	170 A AC
Duty cycle:	100 %
Tungsten electrodes Ø:	1.0–3.2 mm

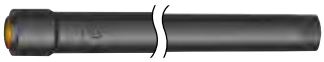
Description		**Torch body**	
Type	Cooling	Version	Part-No.
ABITIG® GRIP LITTLE 150	gas cooled	Standard – 46.0 mm	770.0010.1
ABITIG® GRIP LITTLE 150 F	gas cooled	Flexible – 46.0 mm	770.0130.1
ABITIG® GRIP LITTLE 260 W	liquid cooled	Standard – 46.0 mm	772.0010.1
ABITIG® GRIP LITTLE 260 WF	liquid cooled	Flexible – 46.0 mm	772.0037.1

Technical data according to EN 60 974-7

Due to the different connection variants on the machine side, it is not possible to list part numbers for complete torches. Please contact our sales department.

Wear parts





Back cap (10 pcs.)	Short	Medium	Long
	776.0053	771.0051	772.0051.10









Electrode holder / Gas diffuser (5 pcs.)	Electrode holder	Gas diffuser	Gas diffuser multilayer*	Gas diffuser
Ø 1.0 mm	776.0061	776.0171	777.0171.5	776.0171
Ø 1.6 mm	776.0062	776.0172	777.0172.5	776.0172
Ø 2.0 mm	776.0067	776.0177	777.0177.5	776.0177
Ø 2.4 mm	776.0063	776.0173	777.0173.5	776.0173
Ø 3.2 mm	776.0064	776.0174	777.0174.5	776.0174

* Optimized design for improved gas coverage





Insulator / Adaptor ring	Standard version (10 pcs.)	for gas diffuser (1 pc.)
Insulator	776.1043	776.0443
Adapterring	–	776.0441




Gas diffuser 4 (1 pc.)	Standard	Multilayer
Ø 1.6 mm	775.0122	775.0127.1
Ø 2.4 mm	775.0123	775.0128.1
Ø 3.2 mm	775.0124	775.0129.1









Gas nozzle, ceramic (10 pcs.)	Standard version	Ball version	Standard version		for gas diffuser	
			X = 36 mm	X = 60 mm	X	
Ø 6.5 mm	777.0081	770.0081.10	777.2171	777.2175	–	–
Ø 8.0 mm	777.0082	770.0082.10	777.2172	777.2176	–	–
Ø 9.5 mm	777.0083	770.0083.10	777.2173	–	–	–
Ø 11.0 mm	777.0084	770.0084.10	777.2174	–	–	–
Ø 12.5 mm	–	–	–	–	50	778.1183
Ø 16.0 mm	–	–	–	–	50	778.1184
Ø 19.5 mm	–	–	–	–	50	778.1188
Ø 24.3 mm	–	–	–	–	34	778.1189**

**Without figure: cylindrical form, length 34.0 mm; not suitable for high frequency.

TIG WELDING TORCHES **ABITIG® GRIP LITTLE**

ABITIG® GRIP LITTLE 9/9 F ▪ ABITIG® GRIP LITTLE 20

All documents in one place: ABIDOC



ABITIG® GRIP LITTLE 9

ABITIG® GRIP LITTLE 20

Special wear parts see page 156

80–220 A

ABITIG® GRIP Little 9

Rating:	110 A DC
	80 A AC
Duty cycle:	35 %
Tungsten electrodes Ø:	0.5–1.6 mm

ABITIG® GRIP Little 20

Rating:	220 A DC
	150 A AC
Duty cycle:	100 %
Tungsten electrodes Ø:	0.5–3.2 mm

Description		Torch body	
Type	Cooling	Version	Part-No.
ABITIG® GRIP Little 9	gas cooled	Standard – 46.0 mm	705.0001
ABITIG® GRIP Little 9 F	gas cooled	Flexible – 46.0 mm	703.0001
ABITIG® GRIP Little 20	liquid cooled	Standard – 46.0 mm	705.0058

Technical data according to EN 60 974-7

Due to the different connection variants on the machine side, it is not possible to list part numbers for complete torches. Please contact our sales department.

Wear parts





Back cap (10 pcs.)	Short	Medium	Long
	701.0240/41V33	701.0244/41V35	701.0247/41V24



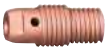




Collet (10 pcs.)	Standard version	Brass version	Jumbo version
Ø 0.5 mm	701.0249/13N20	–	701.1225/13N20L
Ø 1.0 mm	701.0250/13N21	701.1061	701.1226/13N21L
Ø 1.2 mm	701.0254/–	–	–
Ø 1.6 mm	701.0251/13N22	701.1019	701.1227/13N22L
Ø 2.0 mm	701.0255/–	–	–
Ø 2.4 mm	701.0252/13N23	701.1020	701.1228/13N23L
Ø 3.2 mm	701.0253/13N24	701.1063	701.1229/13N24L




Insulating ring/Adaptor	Insulating ring (10 pcs.)	Adaptor (5 pcs.)
	702.0055/598882	701.1234/54N63-20





Collet body (10 pcs.)	Standard version	Standard version with gas lens	Jumbo version with gas lens
Ø 0.5–1.0 mm	701.0275/13N26	701.0301/45V42	701.1230/45V0204S
Ø 1.2 mm	701.0279/–	701.0313/–	–
Ø 1.6 mm	701.0276/13N27	701.0307/45V43	701.1231/45V116S
Ø 2.0 mm	701.0280/–	701.0315/–	–
Ø 2.4 mm	701.0277/13N28	701.0309/45V44	701.1232/45V64S
Ø 3.2 mm	701.0278/13N29	701.0311/45V45	701.1233/995795S







Gas nozzle, ceramic (10 pcs.)		Standard version	Standard version with gas lens	Jumbo version with gas lens
No. 4	Ø 6.5 mm	701.0281/13N08	701.0317/53N58	–
No. 5	Ø 8.0 mm	701.0282/13N09	701.0318/53N59	–
No. 6	Ø 9.5 mm	701.0283/13N10	701.0319/53N60	701.1199/57N75
No. 7	Ø 11.0 mm	701.0284/13N11	701.0320/53N61	–
No. 8	Ø 12.5 mm	701.0285/13N12	701.0322/53N61S	701.1200/57N74
No. 10	Ø 16.0 mm	701.0286/13N13	–	701.1201/53N88
No. 12	–	–	–	701.1121/53N87

Gas nozzle, ceramic (10 pcs.)			X1	Standard version	Jumbo version for gas lens*
	No. 4	Ø 6.5 mm	48 mm	701.0289/796F71	–
	No. 5	Ø 8.0 mm	48 mm	701.0290/796F72	–
	No. 6	Ø 9.5 mm	48 mm	701.0291/796F73	–
JUMBO 	No. 4	Ø 6.5 mm	63 mm	701.0293/796F75	–
	No. 5	Ø 8.0 mm	63 mm	701.0294/796F76	–
	No. 4	Ø 9.5 mm	89 mm	701.0296/796F79	–
	–	–	–	–	701.1202/53N89

*not suitable for high frequency

TIG WELDING TORCHES **ABITIG® GRIP LITTLE**

ABITIG® GRIP LITTLE 17 / 17 F / 17 V

All documents in one place: ABIDOC



ABITIG® GRIP LITTLE 17

Further wear parts see page 157

100–140 A

ABITIG® GRIP Little 17

Rating:	140 A DC
	100 A AC
Duty cycle:	35 %
Tungsten electrodes Ø:	0.5–2.4 mm

Description		Torch body	
Type		Version	Part-No.
ABITIG® GRIP Little 17	gas cooled	Standard – 65.0 mm	705.0033
ABITIG® GRIP Little 17 F	gas cooled	Flexible – 62.0 mm	703.0009
ABITIG® GRIP Little 17 V	gas cooled	Valve – 64.0 mm	705.0038

Technical data according to EN 60 974-7

Due to the different connection variants on the machine side, it is not possible to list part numbers for complete torches. Please contact our sales department.

Wear parts




Back cap (10 pcs.)	Short	Long
	712.1053	712.1051

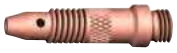
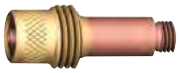



Collet (10 pcs.)	Version 50 mm	Version 52 mm
Ø 0.5 mm	702.0005/10N21	701.0169/10N21D
Ø 1.0 mm	702.0006/10N22	701.0171/10N22D
Ø 1.2 mm	702.0007/–	701.0170/–
Ø 1.6 mm	702.0008/10N23	701.0172/10N23D
Ø 2.0 mm	702.0012/–	701.0176/–
Ø 2.4 mm	702.0009/10N24	701.0173/10N24D
Ø 3.2 mm	702.0010/10N25	701.0174/10N25D
Ø 4.0 mm	702.0011/54N20	701.0175/54N20D





Insulating ring/Adaptor	Insulating ring (10 pcs.)	Adaptor (10 pcs.)	Adaptor (5 pcs.)
	703.0012/18CG	701.0130/54N01	701.1122/54N63


Collet body (10 pcs.)	Standard version	Standard version with gas lens	JumboVersion with gas lens
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


47 mm

42 mm

48 mm

Gas nozzle, ceramic (10 pcs.)		Standard version	Standard version for gas lens	Jumbo version for gas lens
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*	701.0426/54N19	701.1121/53N87


76 mm

76 mm

34 mm

Gas nozzle, ceramic (10 pcs.)		Standard version	Standard version for gas lens	Jumbo version for gas lens
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

*Length 50 mm ▪ **not suitable for high frequency

TIG WELDING TORCHES **ABITIG® GRIP LITTLE**

ABITIG® GRIP LITTLE 24 G ▪ ABITIG® GRIP LITTLE 24 W

All documents in one place: ABIDOC



ABITIG® GRIP LITTLE 24 G

ABITIG® GRIP LITTLE 24 W

80–140 A

* Torch input pressure: min. 2.5 bar (max. 3.5 bar); Min. flow rate: 0.7 l/min. Technical data based on cable assembly lengths of up to 8.00 m

ABITIG® GRIP Little 24 G

Rating:	110 A DC
	80 A AC
Duty cycle:	35 %
Tungsten electrodes Ø:	0.5–1.6 mm

ABITIG® GRIP Little 24 W

Rating:	140 A DC
	100 A AC
Duty cycle:	100 %
Tungsten electrodes Ø:	0.5–2.4 mm

Description		**Torch body**	
Type	Cooling	Version	Part-No.
ABITIG® GRIP Little 24 G	gas cooled	Standard – 55.0 mm	705.0075
ABITIG® GRIP Little 24 W	liquid cooled	Standard – 55.0 mm	705.0080

Technical data according to EN 60 974-7

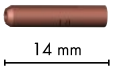
Due to the different connection variants on the machine side, it is not possible to list part numbers for complete torches. Please contact our sales department.

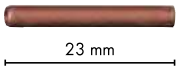
Wear parts





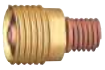
Insulator sleeve / Insulator (10 pcs.)	Insulator sleeve	Insulator for gas lens
	701.0458 / 53N22	701.0459 / 53N66





Collet (10 pcs.)	Standard	Standard for gas lens
Ø 0.5 mm	–	–
Ø 1.0 mm	701.0453 / 53N16	701.0462 / 53N63
Ø 1.2 mm	701.0455 / –	–
Ø 1.6 mm	701.0454 / 53N14	701.0463 / 53N64
Ø 2.0 mm	701.0456 / –	701.0466 / –
Ø 2.4 mm	701.0457 / 24C332	701.0465 / 24GLC332





Collet body (10 pcs.)	Standard	Standard with gas lens
Ø 0.5 mm	–	701.0301 / 45V41
Ø 1.0 mm	701.0480 / 53N18	701.0301 / 45V42
Ø 1.2 mm	701.0483 / –	701.0313 / –
Ø 1.6 mm	701.0481 / 53N19	701.0307 / 45V43
Ø 2.0 mm	701.0484 / –	701.0315 / –
Ø 2.4 mm	701.0482 / 24CB332	701.0309 / 45V44





Gas nozzle, ceramic (10 pcs.)			Standard	Standard for gas lens
No. 4	Ø 6.5 mm		701.0468 / 53N24	701.0317 / 53N58
No. 5	Ø 8.0 mm		701.0469 / 53N25	701.0318 / 53N59
No. 6	Ø 9.5 mm		701.0470 / 53N27	701.0319 / 53N60
No. 7	Ø 11.0 mm		–	701.0320 / 53N61



Gas nozzle, cearmic (10 pcs.)		X	Standard	
No. 4L	Ø 6.5 mm	29.0 mm	701.0471 / 53N28	–
No. 6L	Ø 9.5 mm	29.0 mm	701.0472 / 53N26	–
No. 4L	Ø 6.5 mm	62.5 mm	701.0473 / 53N24L	–
No. 5L	Ø 8.0 mm	91.5 mm	701.0474 / 53N27L	–