

# TIG Welding Torches "ABITIG® GRIP Little"

## air and liquid cooled

The welding torch line ABITIG® GRIP Little – particularly suited to those everyday, less accessible welding jobs. Maximum flexibility with no compromises.

The torches of various ratings, both air and liquid cooled, are combined with a standardized ergonomic handle with "GRIP" and optimised cable

assembly management, into which standard switching and control functions can be integrated.

In addition the flexible cable assemblies are available with modular and robust machine-side connections.



### Technical data (EN 60 974-7):

#### TIG Welding Torches "ABITIG® GRIP Little" (air cooled)

Type	Rating (A)		Duty cycle (%)	Tungsten electrodes (Ø in mm)
	DC	AC		
ABITIG® GRIP Little 9 / 9 F	110	80	35	0.5-1.6
ABITIG® GRIP Little 17 / 17 F	140	100	35	0.5-2.4
ABITIG® GRIP Little 24 G	110	80	35	0.5-1.6
ABITIG® GRIP Little 90	90	60	35	1.0-1.6
ABITIG® GRIP Little 150 / 150 F	140	100	35	1.0-2.4

#### TIG Welding Torches "ABITIG® GRIP Little" (liquid cooled)

Type	Rating (A)		Duty cycle (%)	Tungsten electrodes (Ø in mm)
	DC	AC		
ABITIG® GRIP Little 20 / 20 F	220	150	100	0.5-3.2
ABITIG® GRIP Little 24 W	140	100	100	0.5-2.4
ABITIG® GRIP Little 180 W	180	130	100	1.0-3.2
ABITIG® GRIP Little 260 W	240	170	100	1.0-3.2

Subject to change without notice.

- One ergonomic handle with "GRIP" for all ABITIG® GRIP torch types – offers high gripability and optimum feel
- Modular switching and control functions integrated into the handle
- Excellent protection against high frequency flashover

- Light and flexible cable assemblies (High-Flex-Leather) with modular machine-side connections for most available TIG welding power sources
- Consumables (Types 9 / 17 / 20 / 24) compatible to the international standard
- Air cooled up to 140 A – at 35 % duty cycle
- Liquid cooled up to 240 A – at 100 % duty cycle

**ABITIG® GRIP Little**  
handle system –  
even smaller, even lighter  
(see page 44–45)



- 1 ABITIG® 9 / 9 F
- 2 ABITIG® 17 / 17 F
- 3 ABITIG® 20 / 20 F
- 4 ABITIG® 24 G
- 5 ABITIG® 24 W
- 6 ABITIG® 90
- 7 ABITIG® 150 / 150 F
- 8 ABITIG® 180 W
- 9 ABITIG® 260 W

### Torch complete

Type	Handle	Part-No.	Torch body
ABITIG® 9 <sup>1</sup>	ABITIG® GRIP Little	see comment <sup>3</sup>	Standard; 46.0 mm 705.0001
ABITIG® 9 F <sup>1</sup>	ABITIG® GRIP Little	see comment <sup>3</sup>	Flexible; 46.0 mm 703.0001
ABITIG® 17 <sup>1</sup>	ABITIG® GRIP Little	see comment <sup>3</sup>	Standard; 65.0 mm 705.0033
ABITIG® 17 F <sup>1</sup>	ABITIG® GRIP Little	see comment <sup>3</sup>	Flexible; 62.0 mm 703.0009
ABITIG® 20 <sup>1</sup>	ABITIG® GRIP Little	see comment <sup>3</sup>	Standard; 46.0 mm 705.0058
ABITIG® 20 F <sup>1</sup>	ABITIG® GRIP Little	see comment <sup>3</sup>	Flexible; 46.0 mm 703.0302
ABITIG® 20 F <sup>1</sup>	ABITIG® GRIP Little	see comment <sup>3</sup>	Flexible; 75.0 mm 703.0305
ABITIG® 20 F <sup>1</sup>	ABITIG® GRIP Little	see comment <sup>3</sup>	Flexible; 110.0 mm 703.0306
ABITIG® 24 G <sup>1</sup>	ABITIG® GRIP Little	see comment <sup>3</sup>	Standard; 55.0 mm 705.0075
ABITIG® 24 W <sup>1</sup>	ABITIG® GRIP Little	see comment <sup>3</sup>	Standard; 55.0 mm 705.0080
ABITIG® 90 <sup>2</sup>	ABITIG® GRIP Little	see comment <sup>3</sup>	Standard; 60.0 mm 770.0040.1
ABITIG® 150 <sup>1</sup>	ABITIG® GRIP Little	see comment <sup>3</sup>	Standard; 46.0 mm 770.0010.1
ABITIG® 150 F <sup>1</sup>	ABITIG® GRIP Little	see comment <sup>3</sup>	Flexible; 46.0 mm 770.0130.1
ABITIG® 180 W <sup>2</sup>	ABITIG® GRIP Little	see comment <sup>3</sup>	Standard; 60.0 mm 772.0040.1
ABITIG® 260 W <sup>1</sup>	ABITIG® GRIP Little	see comment <sup>3</sup>	Standard; 46.0 mm 772.0010.1

<sup>1</sup> Wear parts see "ABITIG® GRIP" torches of similar design (Page 4–13 and 18–21).

<sup>2</sup> Wear parts see page 16 and 17.

<sup>3</sup> Due to the highly differing types of connections on the machine side we cannot list order numbers for complete torches. Please use the TIG torch overview for the order of complete torches – this you can find in the download area of our website [www.binzel-abicor.com](http://www.binzel-abicor.com).