

Best Accessibility – **ABITIG® GRIP Little 90 & 180 W**

Thanks to their compact and handy design the air cooled **ABITIG® GRIP Little 90** as well as the liquid cooled **ABITIG® GRIP Little 180 W** offer comfortable welding in narrow spaces.



TIG Welding Torch "ABITIG® GRIP Little"

air and liquid cooled

After having been welcomed by TIG welders all over the world for many years, the ABITIG® GRIP Little product range provides perfect access and optimum handling and now has been extended by adding the ABITIG® GRIP Little 90 as well as the ABITIG® GRIP Little 180 W torches.

The new ABITIG® GRIP Little 90 and 180 W torches with their small, ergonomic handle are the ideal solution in cases of particularly restricted access or demanding quality requirements. Nobody has to do without the well-known benefits of this torch series:

- Ergonomic "GRIP" handles for a reliable grip and a perfect feel
- Modular switching and control functions in the handle – personalised and user-friendly
- Excellent HF security
- Lightweight and flexible cable-hose assemblies with modular connectors to most standard TIG welding equipment at the machine end
- Optimised service life due to a significantly larger current and process temperature transfer area
- Reduced stocking requirements – just three spare parts



ABITIG® GRIP Little 90

Technical data (EN 60 974-7):

Type of cooling:	air cooled
Rating:	90 A DC 60 A AC
Duty cycle:	35%
Tungsten electrodes:	Ø 1.0–1.6 mm

ABITIG® GRIP Little 180 W

Technical data (EN 60 974-7):

Type of cooling:	liquid cooled ¹
Rating:	180 A DC 130 A AC
Duty cycle:	100%
Tungsten electrodes:	Ø 1.0–3.2 mm

¹Torch 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.

Torch complete

Type	Cooling	Part-No.	Version	Torch body Part-No.
ABITIG® GRIP Little 90	air cooled	see comment ²	Standard	770.0040.1
ABITIG® GRIP Little 180 W	liquid cooled	see comment ²	Standard	772.0040.1

² 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.

ABITIG® GRIP Little 90, ABITIG® GRIP Little 180 W

Wear parts



Back cap	Short (10 pcs.) 771.0053	Standard (1 pc.) 771.0051
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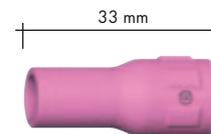
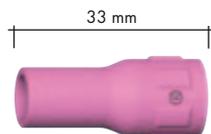
Spring (10 pcs.)	771.0037	
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Electrode holder/ Gas diffuser	Electrode holder (5 pcs.)	Gas diffuser (1 pc.)	Gas diffuser cylindrical (1 pc.)
Ø 1.0 mm	771.0061	771.0111	-
Ø 1.6 mm	771.0062	771.0112	-
Ø 2.0 mm	771.0067	771.0117	-
Ø 2.4 mm	771.0063	771.0113	771.0123
Ø 3.2 mm	771.0064	771.0114	771.0124



Gas nozzle, ceramic (10 pcs.)	Standard	Standard
Ø 6.0 mm (No. 1)	771.0081	-
Ø 8.0 mm (No. 2)	771.0082	-
Ø 10.5 mm (No. 3)	771.0083	771.0083



Gas nozzle, ceramic (10 pcs.)	Long	Long
Ø 6.0 mm (No. 1)	771.2171	-
Ø 8.0 mm (No. 2)	771.2172	-
Ø 10.5 mm (No. 3)	771.2173	771.2173



Alexander Binzel Schweisstechnik GmbH & Co. KG
P.O. Box 10 01 53 · D-35331 Giessen
Phone: +49 (0) 64 08 / 59-0
Fax: +49 (0) 64 08 / 59-191
Email: info@binzel-abicor.com

www.binzel-abicor.com