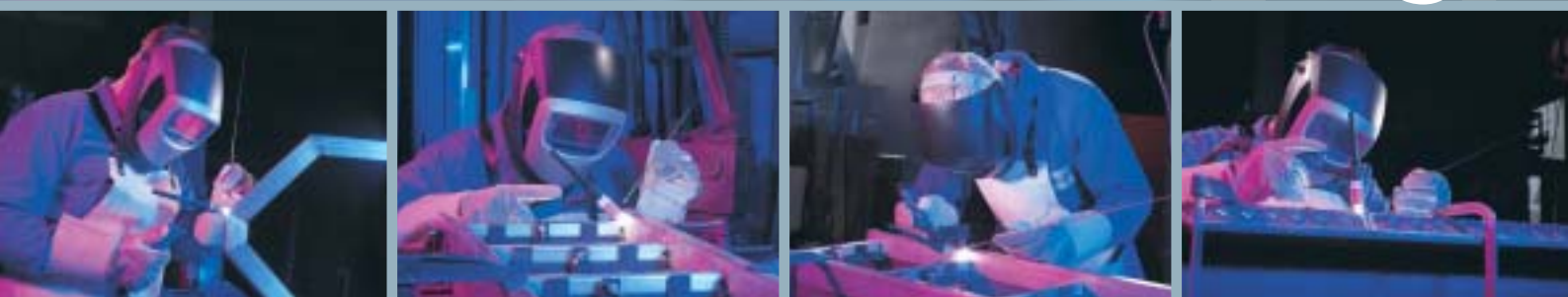




TIG



Catalogue 2006/2007

Technology for the Welder's World.





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TIG Welding Torches "ABITIG®"

air- and liquid-cooled

The ABITIG® line represents a further development of the worldwide recognized SR torch series. All torches feature the most commonly used and accepted components and are offered within a modular concept torch programme with enhanced features.

The wide range, with both air- and liquid-cooled variants, are all fitted with a uniform ergonomic handle which integrates all switching and control functions. The flexible cable assemblies are further available with modular and robust machine-side connections.

- one ergonomic handle for all ABITIG® torch types
- modular switching and control functions integrated in the handle
- light and flexible cable assemblies with modular machine-side connections for all available TIG welding power sources
- consumables compatible to the international standard



ABITIG® 9

Technical data (EN 60 974-7):

Type of cooling: air-cooled
 Rating: 110 A DC
 80 A AC
 Duty cycle: 35 %
 Tungsten electrode: ø 0.5–1.6 mm

ABITIG® 20

Technical data (EN 60 974-7):

Type of cooling: liquid-cooled*
 Rating: 220 A DC
 160 A AC
 Duty cycle: 100 %
 Tungsten electrode: ø 0.5–3.2 mm




* Torch input pressure:

Min. 2.5 bar (max. 3.5 bar);
 Min. flow rate: 0.9 l/min.

Technical data based on cable assembly lengths of up to 8.00 m.

Torch complete			Torch body	
Type	Cooling	Part-No.	Version	Part-No.
ABITIG® 9	air-cooled	Due to the highly differing types of connections on the machine side we cannot list order numbers for the complete torches. Please use the form on page 27 to order complete torches.	Standard	712.5020
ABITIG® 9 F	air-cooled		Flexible	712.5030
ABITIG® 20	liquid-cooled		Standard	712.3020

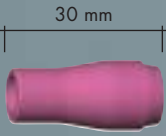

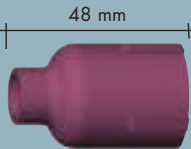
Wear parts

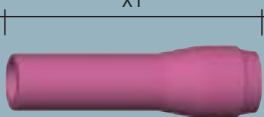

			
Back cap (10 pcs.)	short	medium	long
	701.0240 / 41V33	701.0244 / 41V35	701.0247 / 41V24

		
	25 mm	40 mm
Collet (10 pcs.)	Standard version	Jumbo version
Ø 0.5 mm	701.0249 / 13N20	701.1225 / 13N20L
Ø 1.0 mm	701.0250 / 13N21	701.1226 / 13N21L
Ø 1.2 mm	701.0254 / -	-
Ø 1.6 mm	701.0251 / 13N22	701.1227 / 13N22L
Ø 2.0 mm	701.0255 / -	-
Ø 2.4 mm	701.0252 / 13N23	701.1228 / 13N23L
Ø 3.2 mm	701.0253 / 13N24	701.1229 / 13N24L

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

			
Collet body	Standard version (10 pcs.)	Standard version with gas lens (10 pcs.)	Jumbo version with gas lens (5 pcs.)
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

			
	30 mm	25.5 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	701.0281 / 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	-	701.1200 / 57N74
No. 10 Ø 16.0 mm	701.0286 / 13N13	-	701.1201 / 53N88
No. 12	-	-	701.1121 / 53N87

		
	X1	34 mm
Gas nozzle, Ceramic (10 pcs.)	Standard version	Jumbo version for gas lens**
No. 4 Ø 6.5 mm 48 mm	701.0289 / 796F71	701.1202 / 53N89
No. 5 Ø 8.0 mm 48 mm	701.0290 / 796F72	
No. 6 Ø 9.5 mm 48 mm	701.0291 / 796F73	
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 6.5 mm 89 mm	701.0296 / 796F79	

** not suitable for high frequency

TIG Welding Torches "ABITIG®"

air- and liquid-cooled



- one ergonomic handle for all ABITIG® torch types
- modular switching and control functions integrated in the handle
- light and flexible cable assemblies with modular machine-side connections for all salable TIG welding power sources
- consumables compatible to the international standard

ABITIG® 17

Technical data (EN 60 974-7):

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

ABITIG® 18

Technical data (EN 60 974-7):

Type of cooling: liquid-cooled*
 Rating: 320 A DC
 230 A AC
 Duty cycle: 100 %
 Tungsten electrode: ø 0.5–4.0 mm

* Torch input pressure:

Min. 2.5 bar (max. 3.5 bar);
 Min. flow rate: 0.7 l/min.

ABITIG® 26

Technical data (EN 60 974-7):

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

Technical data based on cable assembly lengths of up to 8.00 m.




Torch complete			Torch body	
Type	Cooling	Part-No.	Version	Part-No.
ABITIG® 17	air-cooled	Due to the highly differing types of connections on the machine side we cannot list order numbers for the complete torches. Please use the form on page 27 to order complete torches.	Standard	712.1020
ABITIG® 17 F	air-cooled		Flexible	712.1030
ABITIG® 18	liquid-cooled		Standard	712.2020
ABITIG® 18 K	liquid-cooled		Short	712.2230
ABITIG® 26	air-cooled		Standard	712.4020
ABITIG® 26 K	air-cooled		Short	712.4230
ABITIG® 26 F	air-cooled		Flexible	712.4030



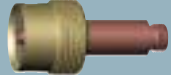
ABITIG® 17, ABITIG® 18, ABITIG® 26

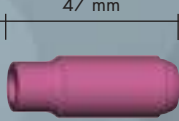
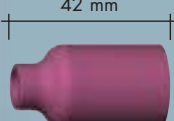
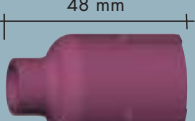
Wear parts

		
Back cap (5 pcs.)	short	long
	712.1053	712.1051


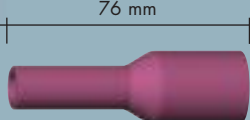

		
Collet (10 pcs.)	(50 mm)	(52 mm)
Ø 0.5 mm	702.0005 / 10N21	701.0169 / 10N21D
Ø 1.0 mm	702.0006 / 10N22	701.0171 / 10N22D
Ø 1.2 mm	702.0007 / -	701.0170 / -
Ø 1.6 mm	702.0008 / 10N23	701.0172 / 10N23D
Ø 2.0 mm	702.0012 / -	701.0176 / -
Ø 2.4 mm	702.0009 / 10N24	701.0173 / 10N24D
Ø 3.2 mm	702.0010 / 10N25	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	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

			
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

* 50 mm long

			
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

** not suitable for high frequency

TIG Welding Torches "ABITIG®"

air- and liquid-cooled

- one ergonomic handle for all ABITIG® torch types
- modular switching and control functions integrated in the handle
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- consumables compatible to the international standard



ABITIG® 24 G

Technical data (EN 60 974-7):

Type of cooling: air-cooled
 Rating: 110 A DC
 80 A AC
 Duty cycle: 35 %
 Tungsten electrode: \varnothing 0.5–1.6 mm

ABITIG® 24 W

Technical data (EN 60 974-7):

Type of cooling: liquid-cooled*
 Rating: 140 A DC
 100 A AC
 Duty cycle: 100 %
 Tungsten electrode: \varnothing 0.5–2.4 mm

* Torch input pressure:

Min. 2.5 bar (max. 3.5 bar);
 Min. flow rate: 0.7 l/min.

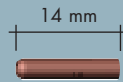
Technical data based on cable assembly lengths of up to 8.00 m.

Torch complete			Torch body	
Type	Cooling	Part-No.	Version	Part-No.
ABITIG® 24 G	air-cooled	Due to the highly differing types of connections on the machine side we cannot list order numbers for the complete torches. Please use the form on page 27 to order complete torches.	Standard	712.7020
ABITIG® 24 W	liquid-cooled		Standard	712.7120

Wear parts



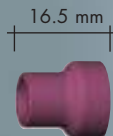
Insulating sleeve / Insulator	Insulating sleeve (10 pcs.)	Insulator for gas lens (10 pcs.)
	701.0458 / 53N22	701.0459 / 53N66



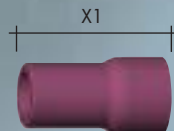
Collet (10 pcs.)	Standard version	Standard version for gas lens
Ø 0.5 mm	701.0452 / 53N15	701.0461 / -
Ø 1.0 mm	701.0453 / 53N16	701.0462 / 53N63
Ø 1.2 mm	701.0455 / -	701.0464 / -
Ø 1.6 mm	701.0454 / 53N14	701.0463 / 54N64
Ø 2.0 mm	701.0456 / -	701.0466 / -
Ø 2.4 mm	701.0457 / 24C332	701.0465 / 24GLC332



Collet body (10 pcs.)	Standard version	Standard version with gas lens
Ø 0.5 mm	701.0479 / 53N17	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 version	Standard version 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, Ceramic (10 pcs.)	Standard version
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

TIG Welding Torches "ABITIG®" liquid-cooled

- one ergonomic handle for all ABITIG® torch types
- modular switching and control functions integrated in the handle
- light and flexible cable assemblies with modular machine-side connections for all salable TIG welding power sources
- consumables compatible to the international standard



ABITIG® 12-1

Technical data (EN 60 974-7):

Type of cooling: liquid-cooled*
 Rating: 350 A DC
 250 A AC
 Duty cycle: 100 %
 Tungsten electrode: ø 1.6–4.0 mm

* Torch input pressure:

Min. 2.5 bar (max. 3.5 bar);
 Min. flow rate: 0.7 l/min.

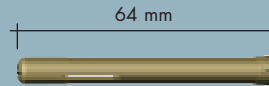
Technical data based on cable assembly lengths of up to 8.00 m.

Torch complete			Torch body	
Type	Cooling	Part-No.	Version	Part-No.
ABITIG® 12-1	liquid-cooled	Due to the highly differing types of connections on the machine side we cannot list order numbers for the complete torches. Please use the form on page 27 to order complete torches.	Standard	712.0020

Wear parts



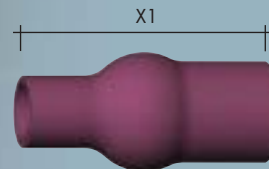
Back cap	short	long
	712.0053	712.0051



Collet (10 pcs.)	Standard version
Ø 1.6 mm	712.0062
Ø 2.4 mm	712.0063
Ø 3.2 mm	712.0064
Ø 4.0 mm	712.0065



Collet body (10 pcs.)	Standard version	Standard version with gas lens
Ø 1.6 mm	712.0072	712.0101
Ø 2.4 mm	712.0073	712.0102
Ø 3.2 mm	712.0074	712.0103
Ø 4.0 mm	712.0075	712.0104



Gas nozzle, Ceramic (10 pcs.)	Standard version
X1	
No. 4 Ø 6.5 mm 43 mm	704.0046 / 130.00
No. 5 Ø 8.0 mm 43 mm	704.0047 / 131.00
No. 6 Ø 9.5 mm 43 mm	704.0048 / 132.00
No. 7 Ø 11.0 mm 43 mm	704.0049 / 133.00
No. 8 Ø 12.5 mm 43 mm	704.0050 / 134.00
No. 9 Ø 14.5 mm 43 mm	704.0051 / 135.00
No. 10 Ø 16.0 mm 43 mm	704.0052 / 136.00
No. 11 Ø 17.5 mm 48 mm	704.0053 / 137.00

TIG Welding Torches "ABITIG®" liquid-cooled

- one ergonomic handle for all ABITIG® torch types
- modular switching and control functions integrated in the handle
- light and flexible cable assemblies with modular machine-side connections for all salable TIG welding power sources
- consumables compatible to the international standard



ABITIG® 18 SC

Technical data (EN 60 974-7):

Type of cooling: liquid-cooled*
 Rating: 400 A DC
 280 A AC
 Duty cycle: 100 %
 Tungsten electrode: ø 0.5–4.8 mm

* Torch input pressure:


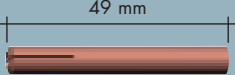
Min. 2.5 bar (max. 3.5 bar);
 Min. flow rate: 0.9 l/min.


Technical data based on cable assembly lengths of up to 8.00 m.




Torch complete			Torch body	
Type	Cooling	Part-No.	Version	Part-No.
ABITIG® 18 SC	liquid-cooled	Due to the highly differing types of connections on the machine side we cannot list order numbers for the complete torches. Please use the form on page 27 to order complete torches.	Standard	712.6020

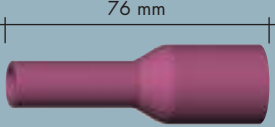
Wear parts

		
Back cap (5 pcs.)	short	long
	712.1053	712.1051

		
	50 mm	49 mm
Collet (10 pcs.)	Standard version	HL version
Ø 0.5 mm	702.0005 / 10N21	-
Ø 1.0 mm	702.0006 / 10N22	-
Ø 1.6 mm	702.0008 / 10N23	-
Ø 2.4 mm	702.0009 / 10N24	-
Ø 3.2 mm	702.0010 / 10N25	712.6064 / 10N25HD
Ø 4.0 mm	-	712.6065 / 54N20HD
Ø 4.8 mm	-	712.6066 / 18C36

	
Insulating ring	Insulating ring (5 pcs.)
	712.6043 / 18NG

			
Collet body	Standard version (10 pcs.)	Standard version with gas lens (10 pcs.)	HL version (10 pcs.)
Ø 0.5 mm	-	712.6099 / 18GL02	-
Ø 1.0 mm	-	712.6100 / 18GL04	-
Ø 1.6 mm	-	712.6101 / 18GL16	-
Ø 2.4 mm	-	712.6102 / 18GL32	-
Ø 3.2 mm	-	712.6103 / 18GL18	-
Ø 4.0 mm	-	712.6104 / 18GL53	-
Ø 4.8 mm	-	712.6105 / 18GL36	-
Ø 0.5-3.2 mm	712.6074 / NCB-53	-	-
Ø 3.2-4.8 mm	-	-	712.6076 / NCB-36

		
	42 mm	76 mm
Gas nozzle, Ceramic (10 pcs.)	Standard version	Standard version
No. 4 Ø 6.5 mm	701.0420 / 54N18	-
No. 5 Ø 8.0 mm	701.0421 / 54N17	701.0427 / 54N17L
No. 6 Ø 9.5 mm	701.0422 / 54N16	701.0428 / 54N16L
No. 7 Ø 11.0 mm	701.0423 / 54N15	701.0429 / 54N15L
No. 8 Ø 12.5 mm	701.0424 / 54N14	-
No. 12 Ø 19.5 mm	701.0426 / 54N19	-

TIG Welding Torches "ABITIG®"

air- and liquid-cooled

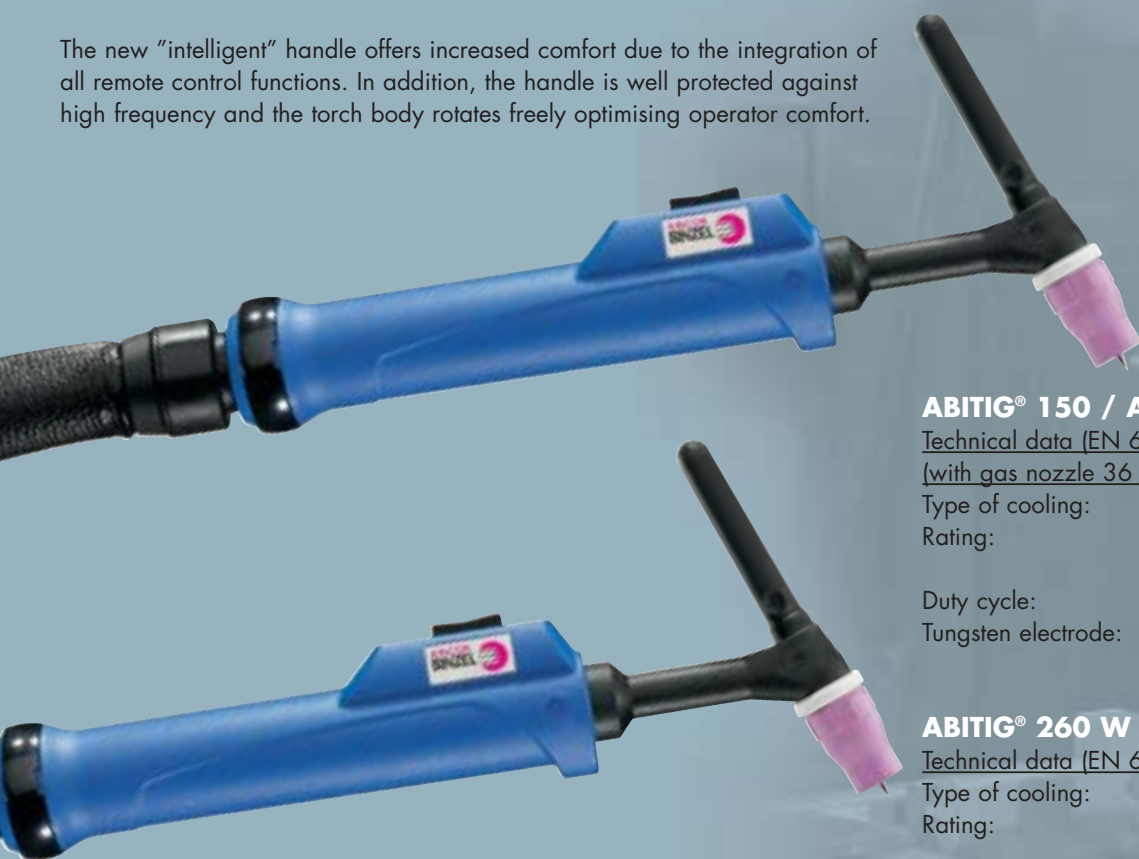
The ABITIG® line of new generation, air- and liquid-cooled TIG Torches offer leading edge performance in a comfortable and light weight package. The new cooling system guarantees long service life of both the torch body and consumables and enables the use of smaller tungsten electrodes through optimised heat dissipation.

The reduction in the quantity of consumables to only 3 components (torch cap, electrode holder/gas diffuser and threaded gas nozzle) simplifies use and helps to reduce stocking costs.

An insulating ring prevents the heat from the gas nozzle reaching the torch body. This protects the torch, increases service life and reduces further operating costs.

The new "intelligent" handle offers increased comfort due to the integration of all remote control functions. In addition, the handle is well protected against high frequency and the torch body rotates freely optimising operator comfort.

- high rating with smallest possible size
- one ergonomic handle for all ABITIG® torch types
- modular switching and control functions integrated in the handle
- light and flexible cable assemblies with modular machine-side connections for all salable TIG welding power sources
- reduced storage costs with only 3 consumables
- modular design



ABITIG® 150 / ABITIG® 150 F

Technical data (EN 60 974-7)

(with gas nozzle 36 mm):

Type of cooling: air-cooled
 Rating: 150 A DC
 105 A AC
 Duty cycle: 35 %
 Tungsten electrode: ø 1.0–2.4 mm

ABITIG® 260 W

Technical data (EN 60 974-7):

Type of cooling: liquid-cooled*
 Rating: 240 A DC / 220 A DC
 170 A AC / 160 A AC
 Duty cycle: 60 % / 100 %
 Tungsten electrode: ø 1.0–3.2 mm

* 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.

Torch complete			Torch body	
Type	Cooling	Part-No.	Version	Part-No.
ABITIG® 150	air-cooled	Due to the highly differing types of connections on the machine side we cannot list order numbers for the complete torches. Please use the form on page 27 to order complete torches.	Standard	776.0010
ABITIG® 150 F	air-cooled		Flexible	776.0130
ABITIG® 260 W	liquid-cooled		Standard	777.0010

ABITIG® 150, ABITIG® 260 W

Wear parts

Back cap	short	medium	long
	776.0053	771.0051	776.0051

Electrode holder / Gas diffuser	Electrode holder (5 pcs.)	Gas diffuser
Ø 1.0 mm	776.0061	776.0171
Ø 1.6 mm	776.0062	776.0172
Ø 2.0 mm	776.0067	776.0177
Ø 2.4 mm	776.0063	776.0173
Ø 3.2 mm	776.0064	776.0174

Insulator / Adaptor ring	Standard version (10 pcs.)	for gas diffuser
Insulator	776.1043	776.0443
Adaptor ring	-	776.0441

Gas diffuser	Gas diffuser
Ø 1.6 mm	775.0122
Ø 2.4 mm	775.0123
Ø 3.2 mm	775.0124

Gas nozzle, Ceramic (10 pcs.)	Standard version	Standard version	for gas diffuser
Ø 6.5 mm	777.0081	777.2171	-
Ø 8.0 mm	777.0082	777.2172	-
Ø 10.0 mm	777.0083	777.2173	-
Ø 11.5 mm	777.0084	777.2174	-
Ø 12.5 mm	-	-	778.1183
Ø 16.0 mm	-	-	778.1184
Ø 19.5 mm	-	-	778.1188

TIG Welding Torches "ABITIG®"

air- and liquid-cooled



- high rating with smallest possible size
- one ergonomic handle for all ABITIG® torch types
- modular switching and control functions integrated in the handle
- light and flexible cable assemblies with modular machine-side connections for all salable TIG welding power sources
- reduced storage costs with only 3 consumables
- modular design

ABITIG® 200 / ABITIG® 200 F

Technical data (EN 60 974-7):

Type of cooling:	air-cooled
Rating:	200 A DC 140 A AC
Duty cycle:	35 %
Tungsten electrode:	∅ 1.6–3.2 mm

ABITIG® 450 W

Technical data (EN 60 974-7):

Type of cooling:	liquid-cooled*
Rating:	420 A DC / 400 A DC 300 A AC / 280 A AC
Duty cycle:	60 % / 100 %
Tungsten electrode:	∅ 1.6–4.8 mm

ABITIG® 450 W SC

Technical data (EN 60 974-7):

Type of cooling:	liquid-cooled*
Rating:	480 A DC / 450 A DC 340 A AC / 320 A AC
Duty cycle:	60 % / 100 %
Tungsten electrode:	∅ 1.6–4.8 mm

* 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.

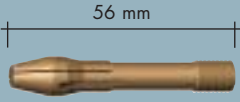

Torch complete			Torch body	
Type	Cooling	Part-No.	Version	Part-No.
ABITIG® 200	air-cooled	Due to the highly differing types of connections on the machine side we cannot list order numbers for the complete torches. Please use the form on page 27 to order complete torches.	Standard	774.0010
ABITIG® 200 F	air-cooled		Flexible	774.0130
ABITIG® 200 K	air-cooled		Short	774.0230
ABITIG® 450 W	liquid-cooled		Standard	775.0010
ABITIG® 450 W K	liquid-cooled		Short	775.0230

The torch bodies (standard and short) for the ABITIG® 450 W SC are identical with those for the ABITIG® 450 W. The complete torches differ only in terms of the layout of the cable assembly.


ABITIG® 200, ABITIG® 450 W, ABITIG® 450 W SC


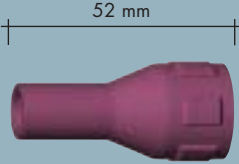
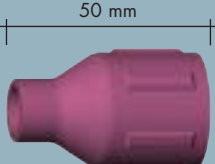
Wear parts

		
Back cap	short	long
	773.0053	773.0051

		
Electrode holder / Gas diffuser	Electrode holder (5 pcs.)	Gas diffuser
Ø 1.6 mm	775.0062	773.0172
Ø 2.0 mm	775.0067	773.0177
Ø 2.4 mm	775.0063	773.0173
Ø 3.2 mm	775.0064	773.0174
Ø 4.0 mm	775.0065	773.0175
Ø 4.8 mm	775.0066	773.0176

		
Insulator	Standard version	for gas diffuser
Insulator	775.1043	775.1143

		
Gas diffuser		Gas diffuser
Ø 1.6 mm		775.0122
Ø 2.4 mm		775.0123
Ø 3.2 mm		775.0124
Ø 4.0 mm		775.0125
Ø 4.8 mm		775.0126

			
Gas nozzle, Ceramic (10 pcs.)	Standard version x = 26 mm	Standard version x = 37 mm	for gas diffuser
Ø 7.5 mm	-	775.0081	-
Ø 10.0 mm	775.0152	775.0082	-
Ø 12.0 mm	-	-	778.1183
Ø 13.0 mm	775.0153	775.0083	-
Ø 13.0 mm (boosted)	-	775.0183	-
Ø 15.0 mm	-	775.0084	-
Ø 15.0 mm (boosted)	-	775.0184	-
Ø 16.0 mm	-	-	778.1184
Ø 19.5 mm	-	-	778.1188

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

- Rotary valve for regulating gas directly on the torch body
- light and flexible cable assemblies for all salable TIG welding power sources
- consumables compatible to the international standard



ABITIG® 9 V

ABITIG® 26 V

ABITIG® 9 V

Technical data (EN 60 974-7):

Type of cooling:	air-cooled
Rating:	110 A DC 80 A AC
Duty cycle:	35 %
Tungsten electrode:	∅ 0.5–1.6 mm

ABITIG® 17 V / FV*

Technical data (EN 60 974-7):

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

ABITIG® 26 V / FV*

Technical data (EN 60 974-7):

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

* FV = Torch body (with rotary valve)
Flexible

Torch complete Type	Version*	Part-No.		Torch body	
		4 m	8 m	Type	Part-No.
ABITIG® 9 V	Rotary valve / Plug 10-25	706.5057	706.5058	Standard	705.0007
ABITIG® 17 V	Rotary valve / Plug 10-25	706.1057	706.1058	Standard	705.0038
ABITIG® 17 V	Rotary valve / Plug 35-50	706.1037	706.1038	Standard	705.0038
ABITIG® 17 FV	Rotary valve / Plug 10-25	706.1157	706.1158	Flexible	703.0010
ABITIG® 17 FV	Rotary valve / Plug 35-50	706.1137	706.1138	Flexible	703.0010
ABITIG® 26 V	Rotary valve / Plug 35-50	706.4037	706.4038	Standard	705.0091
ABITIG® 26 FV	Rotary valve / Plug 35-50	706.4137	706.4138	Flexible	703.0290

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

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

TIG Automatic Welding Torches

TIG Automatic Welding Torches air- and liquid-cooled



AUT-WIG 20 G

Technical data (EN 60 974-7):

Type of cooling:	air-cooled
Rating:	200 A DC 180 A AC
Duty cycle:	60 %
Tungsten electrode:	ø 0.5–3.2 mm

Torch body "AUT-WIG 20 G" 791.0069 (The wear parts are identical with ABITIG® 9 / 20 in gas lens version – see page 5)



AUT-WIG 200 W

Technical data (EN 60 974-7):

Type of cooling:	liquid-cooled
Rating:	220 A DC 200 A AC
Duty cycle:	100 %
Tungsten electrode:	ø 0.5–3.2 mm

Torch body "AUT-WIG 200 W" 791.0013 (The wear parts are identical with ABITIG® 9 / 20 – see page 5)



AUT-WIG 400 W

Technical data (EN 60 974-7):

Type of cooling:	liquid-cooled
Rating:	400 A DC 320 A AC
Duty cycle:	100 %
Tungsten electrode:	ø 0.5–4.0 mm

Torch body "AUT-WIG 400 W" 791.0047 (The wear parts are identical with ABITIG® 17 / 18 / 26 (Collet 52 mm) – see page 7)



ABITIG®- MT 200

Technical data (EN 60 974-7):

Type of cooling:	air-cooled
Rating:	200 A DC 140 A AC
Duty cycle:	60 %
Tungsten electrode:	ø 1.0–4.8 mm

ABITIG®- MT 300 W

Technical data (EN 60 974-7):

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

Torch body "ABITIG®- MT 200" 778.2020 / Torch body "ABITIG®- MT 300 W" 779.2020
(The wear parts are identical with ABITIG® 200 and ABITIG® 450 W – see page 17)

To order complete torches, please specify the length of the cable assembly and the connection on the machine side.

Component kits

I. Component kits ABITIG® 9 / 12-1 / 17 / 18 / 18 SC / 20 / 24 G / 24 W / 26

Type	Electr.-Ø 1.6	Electr.-Ø 2.4	Electr.-Ø 3.2	Electr.-Ø 4.0	Electr.-Ø 4.8
ABITIG® 9 (Collet body)	712.3151	712.3152	712.3153	–	–
ABITIG® 9 (Gas lens)	712.3191	712.3192	712.3193	–	–
ABITIG® 12-1 (Collet body)	712.0151	712.0152	712.0153	712.0154	–
ABITIG® 12-1 (Gas lens)	712.0191	712.0192	712.0193	712.0194	–
ABITIG® 17 (Collet body)	712.2151	712.2152	712.2153	712.2154	–
ABITIG® 17 (Gas lens)	712.2191	712.2192	712.2193	712.2194	–
ABITIG® 18 (Collet body)	712.2151	712.2152	712.2153	712.2154	–
ABITIG® 18 (Gas lens)	712.2191	712.2192	712.2193	712.2194	–
ABITIG® 18 SC (Collet body)	712.6151	712.6152	–	–	–
ABITIG® 18 SC (Collet body HL)	–	–	712.6153	712.6154	712.6155
ABITIG® 18 SC (Gas lens)	712.6191	712.6192	–	–	–
ABITIG® 18 SC (Gas lens HL)	–	–	712.6193	712.6194	712.6195
ABITIG® 20 (Collet body)	712.3151	712.3152	712.3153	–	–
ABITIG® 20 (Gas lens)	712.3191	712.3192	712.3193	–	–
ABITIG® 24 G (Collet body)	705.1519	705.1520	–	–	–
ABITIG® 24 W (Collet body)	705.1519	705.1520	–	–	–
ABITIG® 26 (Collet body)	712.2151	712.2152	712.2153	712.2154	–
ABITIG® 26 (Gas lens)	712.2191	712.2192	712.2193	712.2194	–

Component kit „Collet body“ consisting of: Back cap long, collet, collet body and gas nozzle ceramic.

Component kit „Gas lens“ consisting of: Back cap long, collet, collet body with gas lens and gas nozzle ceramic.

II. Component kits ABITIG® 150 / 260 W

Type	Electr.-Ø 1.0	Electr.-Ø 1.6	Electr.-Ø 2.0	Electr.-Ø 2.4	Electr.-Ø 3.2
ABITIG® 150 (Electrode holder)	777.0181	777.0182	777.0187	777.0183	777.0184
ABITIG® 150 (Gas diffuser)	777.0191	777.0192	777.0197	777.0193	777.0194
ABITIG® 260 W (Electrode holder)	777.0181	777.0182	777.0187	777.0183	777.0184
ABITIG® 260 W (Gas diffuser)	777.0191	777.0192	777.0197	777.0193	777.0194

Component kit „Electrode holder“ consisting of: Back cap middle, electrode holder and gas nozzle ceramic.

Component kit „Gas diffuser“ consisting of: Back cap middle, gas diffuser and gas nozzle ceramic.

III. Component kits ABITIG® 200 / 450 W / 450 W SC

Type	Electr.-Ø 1.6	Electr.-Ø 2.0	Electr.-Ø 2.4	Electr.-Ø 3.2	Electr.-Ø 4.0	Electr.-Ø 4.8
ABITIG® 200 (EH)	774.0182	774.0187	774.0183	774.0184	774.0185	774.0186
ABITIG® 200 (GD)	774.0192	774.0197	774.0193	774.0194	774.0195	774.0196
ABITIG® 450 W (EH)	774.0182	774.0187	774.0183	774.0184	774.0185	774.0186
ABITIG® 450 W (GD)	774.0192	774.0197	774.0193	774.0194	774.0195	774.0196
ABITIG® 450 W SC (EH)	774.0182	774.0187	774.0183	774.0184	774.0185	774.0186
ABITIG® 450 W SC (GD)	774.0192	774.0197	774.0193	774.0194	774.0195	774.0196

Electr. = Electrode, EH = Electrode holder, GD = Gas diffuser

Component kit „Electrode holder“ consisting of: Back cap long, electrode holder and gas nozzle ceramic.

Component kit „Gas diffuser“ consisting of: Back cap long, gas diffuser and gas nozzle ceramic.

Power cables, Control cables, Hoses, Handles and Modules

I. Power cables

Type	Power cable standard			Power cable High Flex		
	4 m	8 m	12 m	4 m	8 m	12 m
ABITIG® 9	150.0084	150.0085	150.0086	150.0056	150.0057	150.0058
ABITIG® 20	150.0015	150.0016	150.0017	150.0062	150.0063	150.0064
ABITIG® 17	150.0084	150.0085	150.0086	150.0065	150.0066	150.0067
ABITIG® 18	150.0018	150.0019	150.0020	150.0068	150.0069	150.0070
ABITIG® 26	150.0087	150.0088	150.0089	150.0059	150.0060	150.0061
ABITIG® 24 G	150.0084	150.0085	150.0086	150.0065	150.0066	150.0067
ABITIG® 24 W	150.0015	150.0016	150.0017	150.0062	150.0063	150.0064
ABITIG® 12-1	150.0074	150.0075	150.0076	150.0071	150.0072	150.0073
ABITIG® 18 SC	150.0018	150.0019	150.0020	150.0068	150.0069	150.0070
ABITIG® 150	150.0111	150.0112	150.0113	150.0040	150.0041	150.0190
ABITIG® 260 W	150.0099	150.0100	150.0101	150.0164	150.0165	150.0166
ABITIG® 200	150.0170	150.0171	150.0172	150.0036	150.0037	150.0114
ABITIG® 450 W	150.0054	150.0055	150.0083	150.0167	150.0168	150.0169
ABITIG® 450 W SC	150.0205	150.0206	150.0207	150.0203	150.0194	150.0204

Power cable for TIG welding torches ABITIG® with rotary valve and TIG automatic welding torches on request.

II. Control cables

Type	Description	Cable assembly length			
		4 m	8 m	12 m	per m
all torches*	Power cable 3 core	–	–	–	100.0100
all torches*	Power cable 6 core	–	–	–	100.0112
all torches*	Power cable 6 core (protected)	–	–	–	100.0028

*Apart from TIG welding torches ABITIG® with rotary valve and TIG automatic welding torches.

III. Outer hoses

Type	Description	Cable assembly length			
		4 m	8 m	12 m	per m
ABITIG® 9/20	Outer hose 20x1.25	–	–	–	105.0005
ABITIG® 17/18/26					
ABITIG® 24 G/24 W					
ABITIG® 12-1					
ABITIG® 18 SC					
ABITIG® 150/260 W					
ABITIG® 200/450 W					
ABITIG® 9 V					
ABITIG® 17 V/17 FV					
ABITIG® 450 W SC	Outer hose 25x1.25	–	–	–	105.0019
ABITIG® 26 V/26 FV					
AUT-WIG 200 W	Outer hose 28x1.25	–	–	–	105.0032
AUT-WIG 400 W					
ABITIG®-MT 200	Outer hose 18.2x1.25	–	–	–	109.0019
ABITIG®-MT 300 W	Outer hose 22.5x1.5	–	–	–	109.0020

Power cables, Control cables, Hoses, Handles and Modules

IV. Leather hose and hose coupling

Type	Description	Part-No.
all torches*	Leather hose 0.8 m	108.0028
all torches*	Hose coupling complete for connecting leather- and outer hose	400.0391

*Apart from TIG welding torches ABITIG® with rotary valve and TIG automatic welding torches.

V. Gas hoses

Type	Description	Cable assembly length			
		4 m	8 m	12 m	per m
ABITIG® 20	Gas hose 3x1.5	–	–	–	102.0124
ABITIG® 18					
ABITIG® 24 W					
ABITIG® 12-1					
ABITIG® 18 SC					
ABITIG® 260 W					
ABITIG® 450 W					
ABITIG® 450 W SC					
ABITIG® 9 V					
ABITIG® 17 V/17 FV					
ABITIG® 26 V/26 FV	Gas hose 4.9x1.5	–	–	–	109.0040
AUT-WIG 200 W					
AUT-WIG 400 W					
ABITIG®-MT 300 W	Gas hose 3x1.2	–	–	–	109.0055

VI. Water hose

Type	Description	Cable assembly length			
		4 m	8 m	12 m	per m
ABITIG® 20	Water hose 3.9x1.5	–	–	–	109.0011
ABITIG® 18					
ABITIG® 24 W					
ABITIG® 12-1					
ABITIG® 18 SC					
AUT-WIG 200 W	Water hose 5.5x1.5	–	–	–	109.0032
AUT-WIG 400 W					
ABITIG®-MT 300 W	Water hose 3.9x1.5	–	–	–	109.0059

VII. Hose clamps and marking washer

Type	Part-no. (20 pcs.)	for hose					
		102.0124	109.0011	109.0032	109.0040	109.0055	109.0059
Hose clamp D=9.0 with ring (mark. 9.5)	173.0001			•	•		
Hose clamp D=8.2 with ring (mark. 8.7)	173.0005		•				•
Hose clamp D=7.5 with ring (mark. 8.0)	173.0007	•				•	
Marking washer red	501.2166		•	•			•
Marking washer blue	501.2167		•	•			•

Power cables, Control cables, Hoses, Handles and Modules

VIII. Handles and control modules

Type	Description	Part-No.
all torches*	Handle ABITIG® for single push-button and double push-button, without control module	180.0108
	Control module single push-button	400.0934
	Control module double push-button	400.0935
all torches*	Handle ABITIG® SH, without control module	180.0109
	Control module double push-button for high switching current (up to 2 A)	400.0937
	Control module double push-button with Potentiometer 1 kΩ	400.0939
	Control module double push-button with Potentiometer 2.2 kΩ	400.0942
	Control module double push-button with Potentiometer 4.7 kΩ	400.0944
	Control module double push-button with Potentiometer 10 kΩ	400.0936
	Control module double push-button with Potentiometer 47 kΩ	400.0946
	Control module UP / DOWN (device-dependent)	400.0940
all torches*	Ball and socket joint complete for handle ABITIG® and handle ABITIG® SH	400.0991

*Apart from TIG welding torches ABITIG® with rotary valve and TIG automatic welding torches.

IX. Handles and rotary valves

Type	Description	Part-No.
ABITIG® 9 V/17 V/17 FV	Handle	705.1440
	Rotary valve	705.0046
ABITIG® 26 V/26 FV	Handle	705.0096
	Rotary valve	705.0097
AUT-WIG 200 W	Handle	791.0024

Welding accessories

To achieve the best results ...

... one of the things which will help you to achieve the best results in the welding process is to use professional accessories. When ideally tailored to the task, they provide the basis for operational safety and long service life. High-quality welding accessories increase the output and reliability of your torch.

To achieve perfect results, don't leave anything to chance.

Rely on original welding accessories from ABICOR BINZEL.



1 Tungsten electrodes

All commonly used tungsten electrodes acc. to DIN/EN 26 848 are in stock. See schedule.

Tungsten electrodes acc. DIN EN 26 848:

Material short cut	Alloy content in % (min./max.)	Character	Colour code
WP	-	-	green
WT 10	0.9/1.2	ThO ₂	yellow
WT 20	1.8/2.2	ThO ₂	red
WT 40	3.8/4.2	ThO ₂	orange
WR 2	-	Mixed oxides	turquoise
WL 10	0.8/1.2	La ₂ O ₃	black
WL 15	1.3/1.7	La ₂ O ₃	gold
WL 20	1.8/2.2	La ₂ O ₃	blue
WC 20	1.8/2.2	CeO ₂	grey
WZ 8	0.7/0.9	ZrO ₂	white

2 Panel socket ABI-IF 10-25
Part-no.: 511.0304

3 Panel socket ABI-IF 35-50
Part-no.: 511.0314

4 Panel socket ABI-IF 50-70
Part-no.: 511.0330

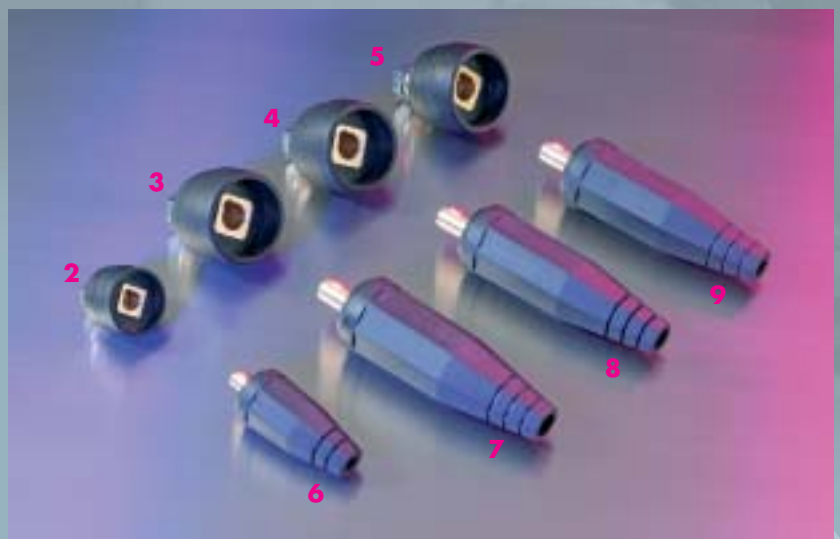
5 Panel socket ABI-IF 70-95
Part-no.: 511.0309

6 Cable plug ABI-CM 10-25
Part-no.: 511.0305

7 Cable plug ABI-CM 35-50
Part-no.: 511.0315

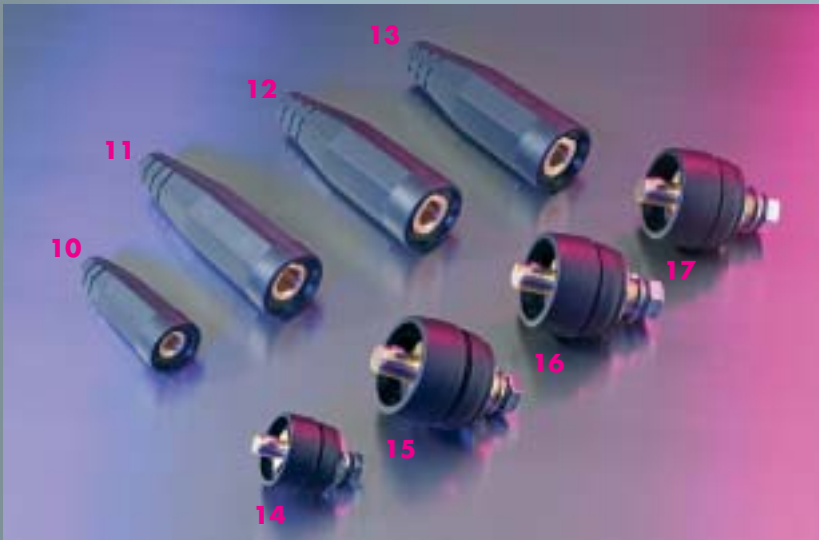
8 Cable plug ABI-CM 50-70
Part-no.: 511.0331

9 Cable plug ABI-CM 70-95
Part-no.: 511.0342



ABICOR BINZEL

Welding accessories



**10 Cable socket
ABI-CF 10-25**
Part-no.: 511.0303

**11 Cable socket
ABI-CF 35-50**
Part-no.: 511.0313

**12 Cable socket
ABI-CF 50-70**
Part-no.: 511.0329

**13 Cable socket
ABI-CF 70-95**
Part-no.: 511.0340

**14 Panel plug
ABI-IM 10-25**
Part-no.: 511.0306

**15 Panel plug
ABI-IM 35-50**
Part-no.: 511.0316

**16 Panel plug
ABI-IM 50-70**
Part-no.: 511.0332

**17 Panel plug
ABI-IM 70-95**
Part-no.: 511.0320

**18 Special coolant
BTC-15**
The special coolant from BINZEL protects down to minus 10° C for all liquid-cooled welding and cutting facilities.
Part-no.:
5 litre 192.0110
20 litre 192.0111
200 litre 192.0112



19 Spigot
Part-no.: 192.0109
for 200 litre barrel



**20 TIG-Handy-
Support (FIX)**
Part-no.: 193.0019

**21 2 component
glue**
Part-no.: 191.0005
22 Special glue
for rubber and
plastic
Part-no.: 191.0034



**23 Accessories case
big**
Part-no.: 192.0069
**24 Accessories case
small**
Part-no.: 192.0066



Coolant Recirculator WK 23 / WK 43

The portable cooling device for all common applications!

■ **Simple handling**

Connection (feed and return) via quick-action couplings.

■ **Compact design size**

Small space requirements.

■ **Sturdy design**

Indestructible stainless steel tank and sturdy housing.

■ **Service-friendly**

Clear coolant sight glass.



WK 23

WK 43

■ **Cool supplement:
Liquid-cooled welding
with air-cooled
power sources**

Technical data:

Type	WK 23	WK 43
Heat exchanger:	2 rows	4 rows
Immersion pump 50 Hz (protection class IP 54)	Delivery height: Hmax. 32 m Delivery height at G3/8" connector: Qmax. 13.5 litres per min.	Delivery height: Hmax. 32 m Delivery height at G3/8" connector: Qmax. 13.5 litres per min.
Immersion pump 60 Hz (protection class IP 54)	Delivery height: Hmax. 32 m Delivery height at G3/8" connector: Qmax. 16.0 litres per min.	Delivery height: Hmax. 32 m Delivery height at G3/8" connector: Qmax. 16.0 litres per min.
Cooling capacity (RT = 22° C)	ca.1000 W at 1 litre per min.	ca.1300 W at 1 litre per min.
Dimensions (LxBxH)	253x270x460 mm	253x270x516 mm
Weight:	17 kg	18 kg
Tank capacity:	7 litres	7 litres

Type	Line Voltage	Frequency	Power Rating	Current Consumption	Part-No.
WK 23	115 V	50 Hz	0.35 kW	6.5 A	850.0214
WK 23	115 V	60 Hz	0.35 kW	6.5 A	850.0135
WK 23	230 V	50 Hz	0.35 kW	3.1 A	850.0137
WK 23	230 V	60 Hz	0.35 kW	3.1 A	850.0210
WK 23	240/415 V	50 Hz	0.50 kW	2.6/1.6 A	850.0144
WK 43	115 V	50 Hz	0.35 kW	6.5 A	850.0215
WK 43	115 V	60 Hz	0.35 kW	6.5 A	850.0156
WK 43	230 V	50 Hz	0.35 kW	3.1 A	850.0159
WK 43	230 V	60 Hz	0.35 kW	3.1 A	850.0211
WK 43	240/415 V	50 Hz	0.50 kW	2.6 A/1.6 A	850.0165

Operating instructions

As coolant for all liquid-cooled torch systems, we recommend the special BINZEL coolant BTC-15, which remains liquid down to -10°C. Must be used in conjunction with an adequate motor protection device. A water flow cut-off switch (850.0033) is recommended.

The large number of versions requires that you specify the desired torch version with your order. Please supply details on your torch with this order form.

Basic torch

1	Type	Torch body/Version
<input type="checkbox"/>	ABITIG® 9	<input type="checkbox"/> standard <input type="checkbox"/> flexible
<input type="checkbox"/>	ABITIG® 20	<input type="checkbox"/> standard
<input type="checkbox"/>	ABITIG® 17	<input type="checkbox"/> standard <input type="checkbox"/> flexible
<input type="checkbox"/>	ABITIG® 18	<input type="checkbox"/> standard <input type="checkbox"/> short
<input type="checkbox"/>	ABITIG® 26	<input type="checkbox"/> standard <input type="checkbox"/> flexible <input type="checkbox"/> short
<input type="checkbox"/>	ABITIG® 24 G	<input type="checkbox"/> standard
<input type="checkbox"/>	ABITIG® 24 W	<input type="checkbox"/> standard
<input type="checkbox"/>	ABITIG® 12-1	<input type="checkbox"/> standard
<input type="checkbox"/>	ABITIG® 18 SC	<input type="checkbox"/> standard
<input type="checkbox"/>	ABITIG® 150	<input type="checkbox"/> standard <input type="checkbox"/> flexible
<input type="checkbox"/>	ABITIG® 260 W	<input type="checkbox"/> standard
<input type="checkbox"/>	ABITIG® 200	<input type="checkbox"/> standard <input type="checkbox"/> flexible <input type="checkbox"/> short
<input type="checkbox"/>	ABITIG® 450 W	<input type="checkbox"/> standard <input type="checkbox"/> short
<input type="checkbox"/>	ABITIG® 450 W SC	<input type="checkbox"/> standard <input type="checkbox"/> short

2	Cable assembly
<input type="checkbox"/>	High Flex/Leather (with ball and socket joint)
<input type="checkbox"/>	PVC/Leather (with ball and socket joint)
<input type="checkbox"/>	Standard (with ball and socket joint)

3	Cable assembly length
<input type="checkbox"/>	4.00 m
<input type="checkbox"/>	8.00 m
<input type="checkbox"/>	12.00 m

Control modules

4	Control modules
<input type="checkbox"/>	Single push-button
<input type="checkbox"/>	Double push-button
<input type="checkbox"/>	Double push-button for high switching current (up to 2 A)
<input type="checkbox"/>	Double push-button with Potentiometer*
<input type="checkbox"/>	UP / DOWN (device-dependent)

5	* Potentiometer
<input type="checkbox"/>	1,0 K Ω
<input type="checkbox"/>	2,2 K Ω
<input type="checkbox"/>	4,7 K Ω
<input type="checkbox"/>	10,0 K Ω
<input type="checkbox"/>	47,0 K Ω

TIG welding power source

6	Specification
<input type="checkbox"/>	Make <input type="text"/>
<input type="checkbox"/>	Machine type <input type="text"/>
<input type="checkbox"/>	Year of manufacture <input type="text"/>

Miscellaneous

7	
<input type="text"/>	
<input type="text"/>	
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<input type="text"/>	
<input type="text"/>	
<input type="text"/>	
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<input type="text"/>	

Address

Company:	
<input type="text"/>	
Street/No.:	
<input type="text"/>	
City/Postal code:	
<input type="text"/>	
Phone:	
<input type="text"/>	
Fax:	
<input type="text"/>	
Contact person:	
<input type="text"/>	
Date:	Signature:
<input type="text"/>	<input type="text"/>
Stamp:	
<input type="text"/>	

We recommend copying this page and sending it to us by fax. This is quicker and allows you to use the order form a number of times.



Our product range:

■ MIG/MAG

- Welding Torches
- Automatic and Special Torches
- Push-Pull Welding Torches
- Fume Extraction Torches
- Central Adaptor System

■ TIG

- Welding Torches
- Automatic and Special Torches

■ PLASMA

- Cutting Torches
- Welding Torches
- Automatic and Special Torches

■ Robotic Peripheral Equipment

- Robot Torches
MIG/TIG/Plasma
- Robot Mount CAT2
- Torch Change System ATS-Rotor
- Tool Change System WWS
- Wire Cutting Station DAV
- Torch Cleaning Station
BRS-LC and BRS-FP
- Wire Feeding Station APD-MF

■ Welding Accessories

- Cooling Device
- Welding Cable Plug and Socket
- Anti Spatter Spray and Paste
and so on ...

Technology for the Welder's World.



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