

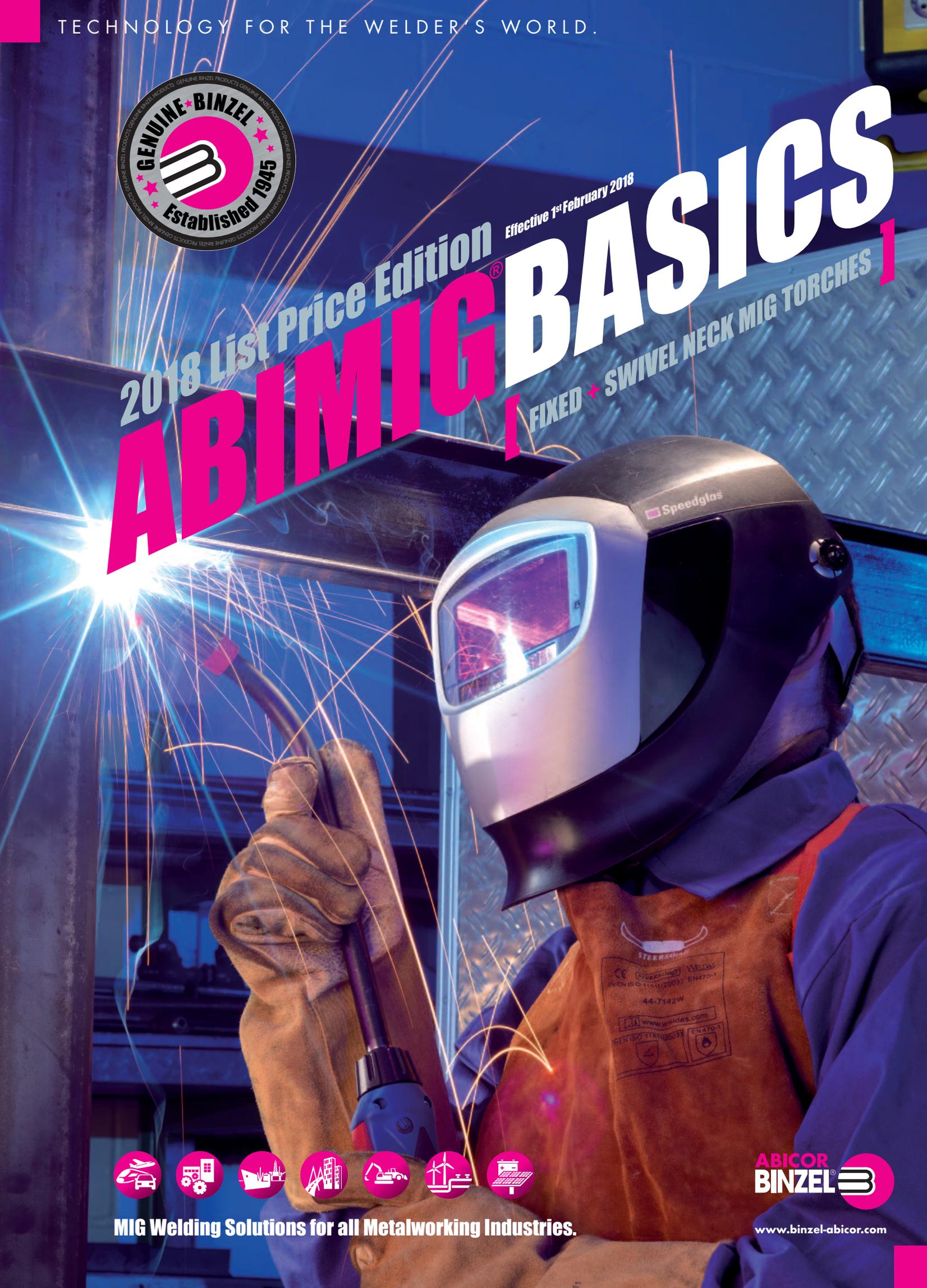
TECHNOLOGY FOR THE WELDER'S WORLD.



2018 List Price Edition Effective 1st February 2018

# ABIMIG<sup>®</sup> BASICS

FIXED + SWIVEL NECK MIG TORCHES



MIG Welding Solutions for all Metalworking Industries.



[www.binzel-abicor.com](http://www.binzel-abicor.com)

# FOLLOW THE LEADER OF WELDING TORCH TECHNOLOGY.



#genuinebinzel

- You can place orders by phone, e-mail, fax or post. We would ask that where possible written orders are used so as to minimise un-necessary mistakes and confusion.

■ Our Telephone number is :	+44 (01925) 653944
■ Our Enquiry Fax number is :	+44 (01925) 654861
■ Our order Fax number is :	free fax (0800) 373661
■ Our order e-mail address is:	orders@abimail.co.uk
■ Our full postal address is :	ABICOR BINZEL UK Limited. Binzel House, Mill Lane Winwick Quay, Warrington, Cheshire, WA2 8UA, United Kingdom
■ Our Office hours are :	Mon - Thurs 8:30am - 5:30pm / Fri 8:30am - 2:00pm

- Please when ordering can you quote an order number together with any specific delivery details.

## Deliveries

- We aim to ship, same day, all orders received by 5:00pm (Mon - Thurs) and by 1:15pm on Friday by one of the following services and charges: -

■ Next working day *	Mainland UK (excluding Scottish Highlands)	£6.00
■ 2/3 day **	Scottish Highlands, Northern Ireland and Ireland	£16.00
■ Next working day before 12 noon.	Mainland UK (excluding Scottish Highlands)	£12.00
■ Next working day before 10am	Mainland UK (excluding Scottish Highlands)	£19.00
■ Next working day before 9am	Mainland UK (excluding Scottish Highlands)	£33.00
■ Next working day - Saturday	Mainland UK (excluding Scottish Highlands)	£23.00
■ Same-day	Mainland UK (excluding Scottish Highlands)	POA

- All Next working day \* orders (excluding anti-spatter products) over £90.00 net excluding VAT will be carriage free
- All 2/3 day \*\* orders (excluding anti-spatter products) over £250.00 net excluding VAT will be carriage free.

## Returns, Credits & Discrepancies

- With respect to goods being returned to Abicor Binzel UK Ltd, we must insist that the following guidelines are adhered to, to ensure conformity with our quality control procedures.

Returning goods - please complete an "Goods Return Request" form. Available on request [info@abimail.co.uk](mailto:info@abimail.co.uk)

Re-stocking Charges:

■ Goods Returned within 14 days of date of Invoice	No re-stocking charge
■ Goods Returned between 15 & 28 days of date of Invoice	5% re-stocking charge will apply (min £5.00)
■ Goods Returned after 28 days of date of Invoice	15% re-stocking charge will apply (min £5.00)

Goods returned in excess of 4 months from date of invoice will be offered a stock swap option (less a re-stocking value of 25%)  
Not all goods can be accepted for return, i.e. special builds, old stock.  
Only goods returned in good re-sale condition can be considered.

- Invoice Discrepancies - please complete an "Invoice Discrepancy" form. Available on request [info@abimail.co.uk](mailto:info@abimail.co.uk)
- Delivery Discrepancies - please complete an "Delivery Discrepancy" form. Available on request [info@abimail.co.uk](mailto:info@abimail.co.uk)

## Warranty

- If warranty is being sought then please ensure that the following information is supplied with the goods:

- Reason for the claim.
- Details of operating conditions (including amps, volts, duty cycle, shielding gas etc) - if applicable.  
Goods must be in reasonable condition related to normal operating conditions and age. If only part of a complete assembly is defective, then only the defective item will be replaced and not the complete assembly.
- If a repair or modification has been attempted, or non-Binzel items fitted, any warranty cover will be invalidated.

Warranty cover is valid for a period of three months from the invoice date. Warranty is extended to equipment repaired by ourselves, in this case however, the replaced parts only are covered.

Index	CONTENT	PAGE/S
<b>Care &amp; Maintenance</b>	■ AIR COOLED TORCHES	6
<b>ABIMIG® AT</b> Swivel Neck Up to 350 Amps	■ TORCHES - MANUAL ■ TORCHES - AUTOMATIC ■ SPARE PARTS ■ SWAN NECK OPTIONS ■ CONSUMABLES	12 33 13 18-19 20-25
<b>ABIMIG® A</b> Fixed Neck Up to 350 Amps	■ TORCHES ■ SPARE PARTS ■ CONSUMABLES	14 15 20-25
<b>ABIMIG® EVO</b> Fixed Neck Up to 350 Amps	■ TORCHES ■ SPARE PARTS ■ CONSUMABLES	16 17 20-25
<b>Consumables</b>	■ GAS NOZZLES ■ NARROW GAP ■ TIP ADAPTORS ■ CONTACT TIPS ■ TORCH LINERS	20 21 22 23 24-25
<b>Handle Options</b>	■ WITHOUT MODULE ■ WITH MODULE	32 32



Index	CONTENT	PAGE/S
<b>Care &amp; Maintenance</b>	<ul style="list-style-type: none"> <li>■ LIQUID COOLED TORCHES</li> </ul>	7
<b>ABIMIG® 'GRIP' W</b>	<ul style="list-style-type: none"> <li>■ TORCHES</li> <li>■ SPARE PARTS</li> <li>■ GAS NOZZLES</li> </ul>	26 27 27
<b>Fixed Neck Up to 500 Amps</b>		
<b>ABIMIG® W</b>	<ul style="list-style-type: none"> <li>■ TORCHES</li> <li>■ SPARE PARTS</li> <li>■ CONSUMABLES</li> </ul>	28 29 30
<b>Fixed Neck Up to 550 Amps</b>		
<b>Consumables</b>	<ul style="list-style-type: none"> <li>■ CONTACT TIPS</li> <li>■ TIP ADAPTORS</li> <li>■ GAS NOZZLES</li> </ul>	31 30 30
<b>Handle Options</b>	<ul style="list-style-type: none"> <li>■ WITHOUT MODULE</li> <li>■ WITH MODULE</li> </ul>	32 32



**ABIMIG® W 340**

<b>Cooling Units</b>	<ul style="list-style-type: none"> <li>■ CR-1000 / CR-1250</li> <li>■ WATER TEST UNIT</li> </ul>	34-35 34
<b>Anti-Spatter</b>	<ul style="list-style-type: none"> <li>■ ABIBLUE®</li> <li>■ PASTE 'TIP-DIP'</li> </ul>	36-37 38
<b>Water Coolant</b>	<ul style="list-style-type: none"> <li>■ BTC-15</li> <li>■ BTC-20 NF</li> </ul>	38 38
<b>Protective Sprays</b>	<ul style="list-style-type: none"> <li>■ CERAMIC COATING</li> <li>■ PROTEC® METALLOTION</li> </ul>	39 39



**CERAMIC SPRAY**

### Main Complaints

Excessive usage of contact tips, gas nozzles, gas diffusers, tip adaptors & liners

#### First check the following :

■ **Are the tip adaptor and contact tip loose?**

Loose front end consumables will result in overheating & poor current transfer - make sure they are tight.

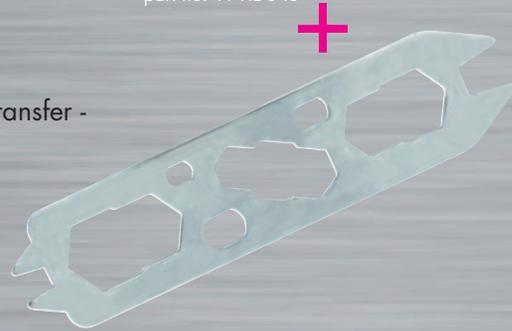
■ **Contact tips will look overheated (cooked).**

■ **Diffusers will have a burnt look at the edges.**

The diffuser is wearing away or cracked.

■ **Liners with signs of overheating ringlets may even look melted together.**

ABIMIG® Spanner  
part no. 191.D045



#### Gas flow problem?

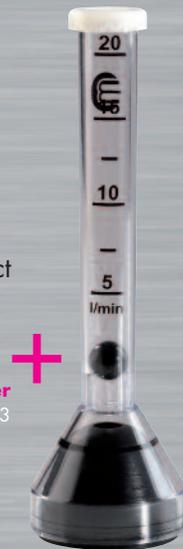
■ **Don't rely on the reading at the regulator.**

Use a gas flow tester to check what is actually being delivered to the front end of the torch.

Welding at a current of 300 amp you should expect to obtain 16 - 18 litres per min with no initial surge of the gas. If the gas surges before settling down you may have a restricted flow regulator. This will normally have 0-30 lpm or 35L written on the bonnet of the regulator.

This type of regulator has a very tiny pin hole in the outlet side making it difficult to deliver the correct volume of gas for the torch to work efficiently when welding at high currents.

Gas flow tester  
part no. 191.0003



#### Helpful tips ...



Change the regulator for an un-restricted one.



Set the regulator to 2-bar pressure & set the flow meter (0-30/0-40 lpm) to 16/18 lpm



MIG torches are gas cooled and need gas to not only protect the weld metal but gas also cools the front end consumables

#### Liner must be fitted correctly to avoid wire feeding problems.

■ **Short or poorly fitted liners will result in wire burn backs.**

See fitting instruction on the liner packet.

■ **The liner should have a 45 degree angle at the front end so it fits centrally in the flute at the back of the contact tip.**

How to fit a **liner instructions** are on the liner packaging



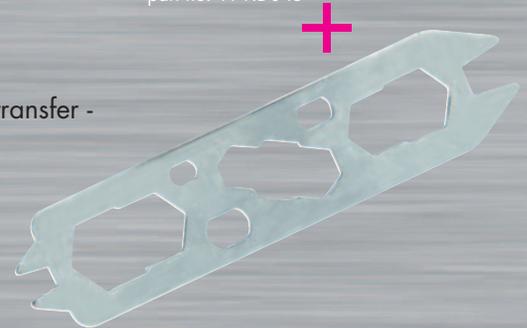
Excessive usage of contact tips, gas nozzles, gas diffusers, tip adaptors & liners

Main Complaints

First check the following ...

- **Are the tip adaptor and contact tip loose?**  
Loose front end consumables will result in overheating & poor current transfer - make sure they are tight
- **Contact tips will look overheated (cooked).**
- **Diffusers will have a burnt look at the edges.**  
The diffuser is wearing away or cracked
- **Liners with signs of overheating ringlets may even look melted together.**

ABIMIG® Spanner  
part no. 191.D045



Leaking power cables & over heating swan necks?

- **Is there any coolant in the cooler?**  
Coolers should be checked every day by the welder.
- **Are the radiator fins blocked up with dust?**  
When was the cooler last blown out with compressed air.
- **Are the hose connections the right way round?**  
If not the fluid will be pumped up the power cable first when it should be pumped to the neck first for maximum cooling of the neck.
- **Is the cooler fan working properly?**  
Make sure it's not damaged e.g. fan blades broken etc.
- **Is the cooler pump getting too hot?**  
It may be air locked or may be blocked.
- **Is the customer using 'tap water' or 'distilled water' with anti-freeze?**  
Fittings and connections may have become furred up by 'Electrolytic Action' as tap water allows current pass - this will harden and the power cables may become brittle and fail.

Water Cooler Tester  
part no. EKD.D001



Helpful tip ...

- ✓ Use BTC-15/BTC-20 NF coolant for all MIG & TIG applications as this coolant helps to keep all fittings and connections clean and stops electrolytic action taking place, it lubricates the pump & will pro-long the life of the torch.

**BTC-15 Coolant**  
part no. 192.0110 (5 litre)  
part no. 192.0111 (20 litre)

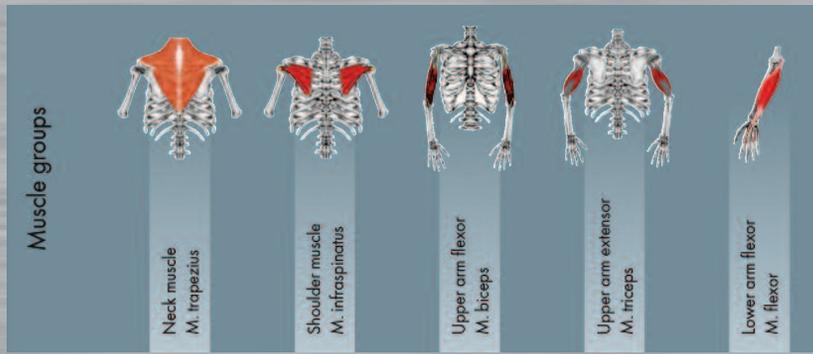
**BTC-20 NF Coolant**  
part no. 192.0265.1 (5 litre)  
part no. 192.0267.1 (20 litre)



# Lightweight & powerful

## Scientific studies prove the benefits

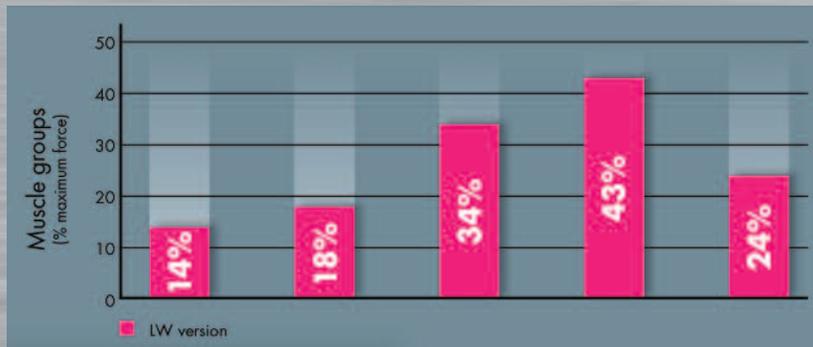
The muscle groups examined (EMG measurements made by the Sport Medicine Institute at JLU in Giessen)



Muscle strain in % when welding overhead



Relief on the muscles when BIKOX® LW is used on the same job



# Lightweight & powerful

Scientific studies prove the benefits



## Low-Weight.

The most important factor for welder physical strain is the handling weight of the torch, which has to be used throughout the working day. Thanks to specially selected alloy components, which have been optimised in terms of conductivity and elasticity, BIKOX LW cable assemblies are up to 30% lighter than standard equivalents.

## The results are impressive ...

Long-term studies at the sports science institute of The Justus-Liebig-University in Giessen have shown that the degree of muscle load on welders working with BIKOX LW cable assemblies is perceptibly reduced when compared with conventional cable assemblies. Shoulder and arm muscles are under significantly less strain.

The results are greater precision and efficiency at work and, in the longer term, less welder downtime due to work-related strain and illness.



# Flexibility

that leaves nothing to be desired ...

## Significant strain relief!

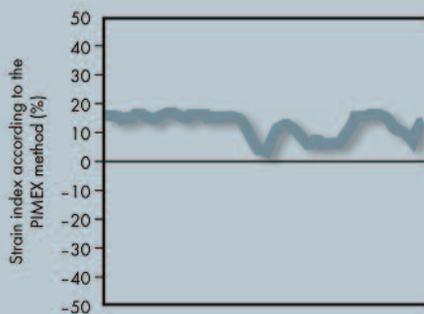
Scientific studies taking measurements according to the PIMEX method\* document a significant reduction in musculoskeletal load, when the right torch neck was selected.

\* The **PIMEX** method (**PI**cture **Mi**xed **EX**posure) is the term used to describe the synchronous recording and visual presentation of work load and employees' medical data in real time.



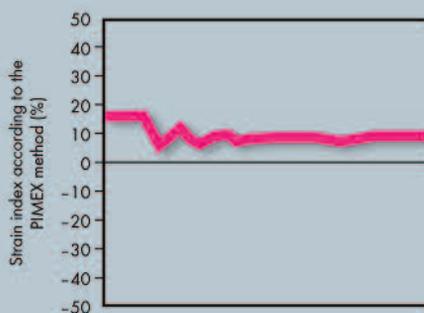
## Measured results with standard torch neck:

The welder is more often working in difficult to reach positions



## Measured result with adapted torch neck<sup>1</sup>:

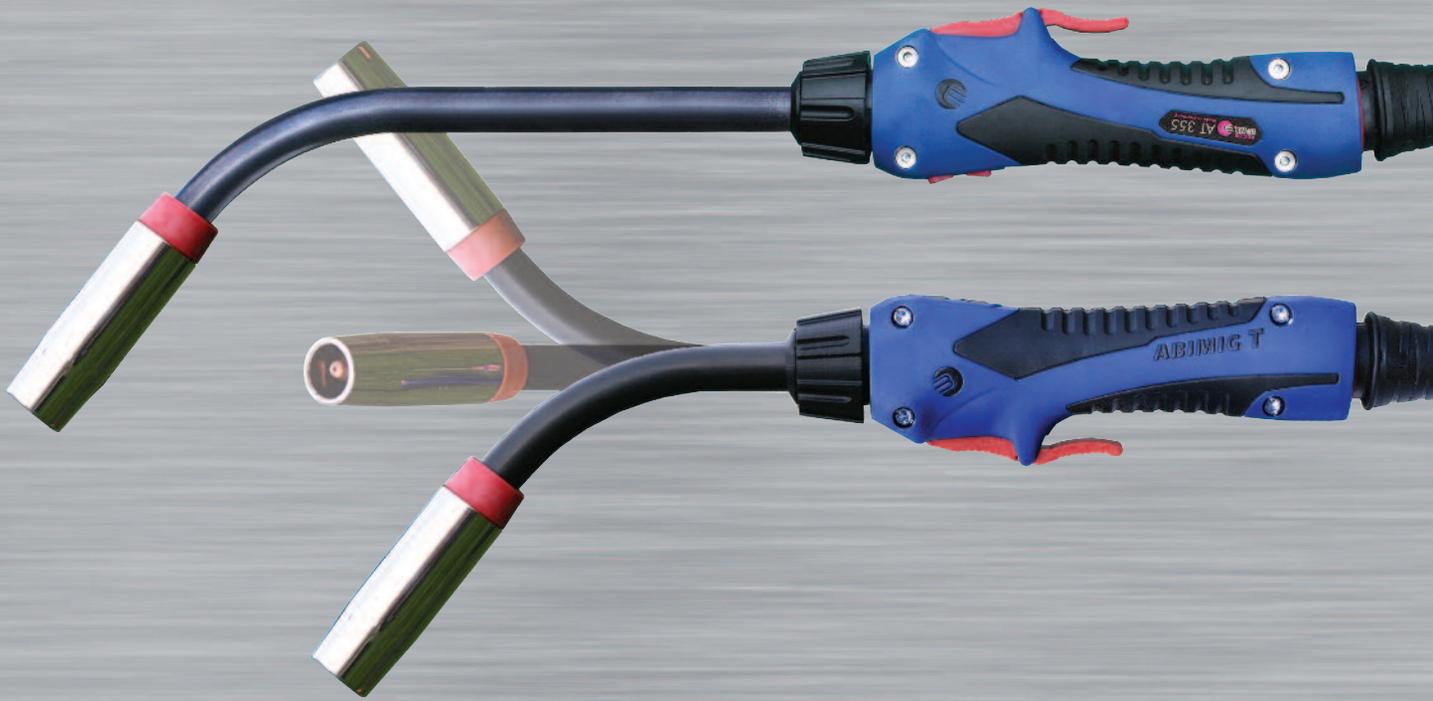
Thanks to the adapted torch neck, the welder avoids a straining posture



<sup>1</sup> Determined by ABICOR BINZEL in cooperation with a scientific partner

# Adaption makes welding easier.

Never before has there been such a versatile welding torch



Crucial for comfortable, reduced fatigue working are torch neck geometry and position.

The »T« change and positioning system allows the use of torch necks adapted in terms of power, dimensions and alignment to the welding task to be performed.

The interface has been designed in such a way that the torch neck can be replaced within one minute and without tools, on the job.

ABIMIG AT LW provides a clear and proven potential for improving welders' working conditions!

ABIMIG® AT **presentation case** part no. 999.5046.1

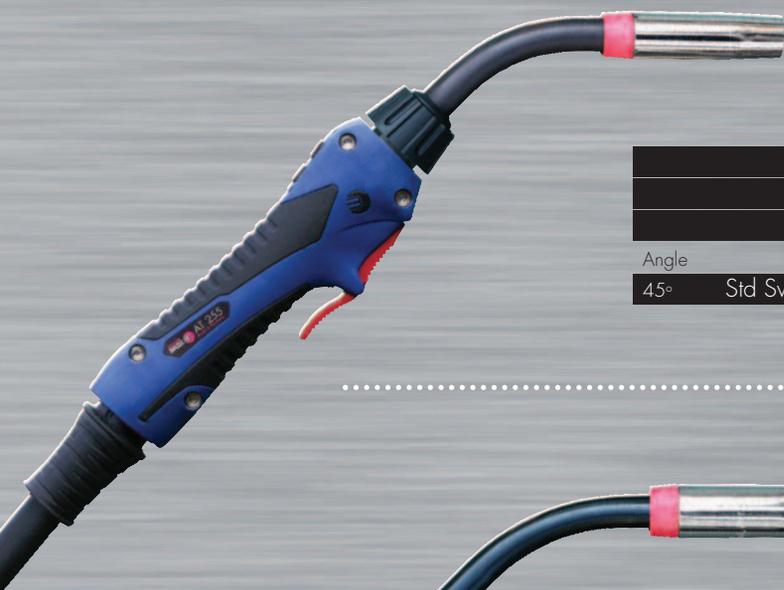


# ABIMIG® AT LW Torch Assemblies

Air Cooled - Swivel Neck

## Technical Data

(EN 60 974-7)



ABIMIG® AT 255 LW  
MIG/MAG Torch Assembly  
(Without Swan Neck)

Length	Part No.	List Ea.
3 Metre	004.D853.1	£90.85
4 Metre	004.D854.1	£101.66
5 Metre	004.D855.1	£113.56
Angle		
45° Std Swan Neck	004.D867.1	£51.91

Up to  
**50%**  
lighter!!!

- Air Cooled**
- 220 Amp**  
(Mixed Gases)
- 60%**
- 0.8-1.2mm**

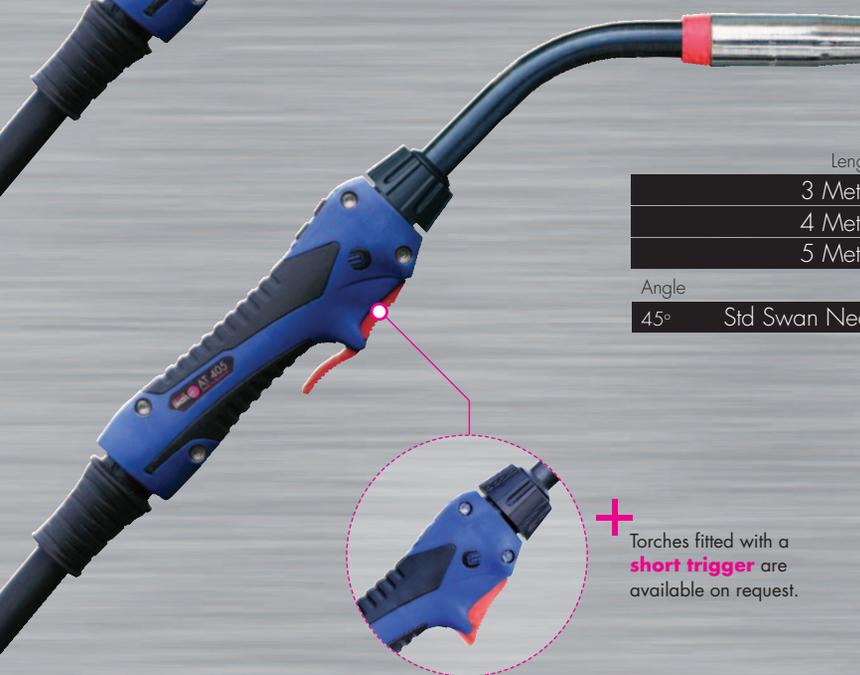


ABIMIG® AT 355 LW  
MIG/MAG Torch Assembly  
(Without Swan Neck)

Length	Part No.	List Ea.
3 Metre	014.H393.1	£130.18
4 Metre	014.H394.1	£150.69
5 Metre	014.H395.1	£167.80
Angle		
45° Std Swan Neck	014.H486.1	£71.85

Up to  
**50%**  
lighter!!!

- Air Cooled**
- 320 Amp**  
(Mixed Gases)
- 60%**
- 1.0-1.2mm**



ABIMIG® AT 455  
MIG/MAG Cable Assembly  
(Without Swan Neck)

Length	Part No.	List Ea.
3 Metre	015.D073.1	£151.81
4 Metre	015.D074.1	£172.32
5 Metre	015.D075.1	£189.43
Angle		
45° Std Swan Neck	016.D433.1	£115.37

- Air Cooled**
- 350 Amp**  
(Mixed Gases)
- 60%**
- 1.0-1.6mm**

### ABIMIG® AT LW features & benefits ...

The newly developed, super lightweight MIG/MAG welding torch series ABIMIG® AT LW with ergonomic and universal two-component handle offer flexibility in perfection. They are equipped standard with ball joint and lightweight Bikox® LW cable assembly as well as exchangeable and 360° rotatable torch neck, so the torches enable ergonomic and relaxed welding in every position.

- New welding torch series and lightweight Bikox® LW cable assembly – Reduction of the torch weight up to 50%.
- Newly designed ergonomic handle, optionally available with Up/Down module – Improved working comfort.
- Universal contact tip holder (contact tip holder, gas diffuser and gas nozzle holder all in one) – Reduction of the number of spare parts and thus the costs.
- Screwable, thermally insulated gas nozzle – Longer service life of the torch and cost reduction.
- Turnable, quick-change torch neck – increased working comfort and reduction of service costs.

+ Torches fitted with a **short trigger** are available on request.



+ **Machine** torch versions also available on page 33.





Bikox® LW Power Cable  
Light-weight

Length	Part No.	List Ea.
3 Metre	160.H032	£58.89
4 Metre	160.H033	£74.38
5 Metre	160.H034	£89.88



Handle

Description	Part No.	List Ea.
Handle (Complete)	180.D077.1	£24.51
Long Trigger	185.D118.1	£11.01

## ABIMIG® AT 355 LW

More **neck options** available on page 18



Bikox® LW Power Cable  
Light-weight

Length	Part No.	List Ea.
3 Metre	160.H046	£92.86
4 Metre	160.H047	£114.89
5 Metre	160.H048	£136.89



Handle

Description	Part No.	List Ea.
Handle (Complete)	180.D077.1	£24.51
Long Trigger	185.D118.1	£11.01

## ABIMIG® AT 455

More **neck options** available on page 19



Bikox® Power Cable

Length	Part No.	List Ea.
3 Metre	160.H344.1	£114.61
4 Metre	160.H345.1	£140.83
5 Metre	160.H346.1	£166.99

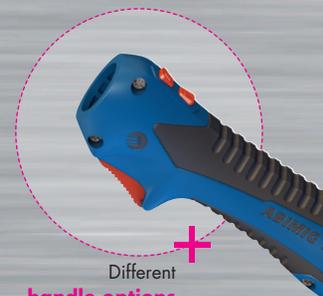


Handle

Description	Part No.	List Ea.
Handle (Complete)	180.D077.1	£24.51
Long Trigger	185.D118.1	£11.01



ABIMIG® AT 355



Different **handle options** are available on page 32



Visit our YouTube channel **ABICOR BINZEL** to watch the ABIMIG® AT promotional product film >>



# ABIMIG® A LW Torches

Air Cooled - Fixed Neck

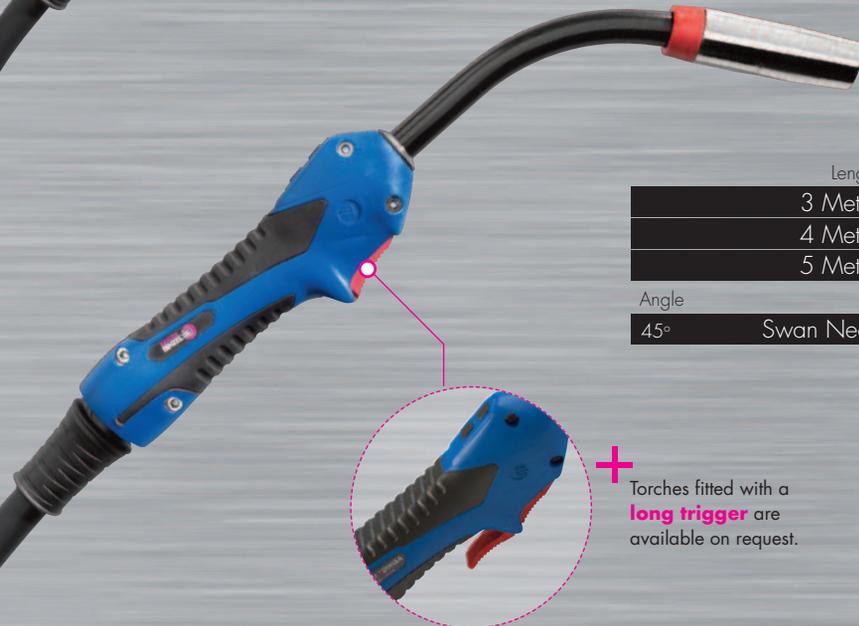


ABIMIG® A 255 LW  
MIG/MAG Welding Torch

Length		Part No.	List Ea.
3 Metre	→	767.0033.1	£142.39
4 Metre	→	767.0034.1	£158.26
5 Metre	→	767.0035.1	£174.08
Angle			
45°	Swan Neck →	767.0027.1	£21.33

Up to  
**50%**  
lighter!!!

- Air Cooled**
- 220 Amp**  
(Mixed Gases)
- 60%**
- 0.8-1.2mm**



ABIMIG® A 355 LW  
MIG/MAG Welding Torch

Length		Part No.	List Ea.
3 Metre	→	767.0101.1	£190.71
4 Metre	→	767.0102.1	£191.91
5 Metre	→	767.0103.1	£235.81
Angle			
45°	Swan Neck →	767.0097.1	£53.01

Up to  
**50%**  
lighter!!!

- Air Cooled**
- 310 Amp**  
(Mixed Gases)
- 60%**
- 1.0-1.2mm**



+ Torches fitted with a **long trigger** are available on request.

## ABIMIG® A LW features & benefits ...

ABIMIG® A LW torches are optimal whenever the best possible welding results are to be achieved with a torch neck geometry. Thanks to the slim straight handles, the torches fit comfortably in the hand and allow different postural positions and flexibility in torch neck alignment. ABIMIG® A LW torches are very hard-wearing and, thanks to the double fixation of the torch neck, are particularly well protected against mechanical deformation.

ABIMIG® A LW torches are fitted with weight-optimised LW cable assemblies and are particularly light.

- Double torch neck fixation – durable construction.
- Lightweight "Bikox® LW" cable assembly – reduction of the torch weight of up to 50 %.
- Universal contact tip holder (contact tip holder, gas diffuser and gas nozzle holder all in one) – reduction of the number of spare parts and thus the costs.
- Screwable, thermally insulated gas nozzle – longer service life of the torch and cost reduction
- Extended and short triggers available – for best handling

# ABIMIG® A LW Spare Parts

## ABIMIG® A 255 LW



Bikox® LW Power Cable  
Light-weight

Length	Part No.	List Ea.
3 Metre	160.H032	£58.89
4 Metre	160.H033	£74.38
5 Metre	160.H034	£89.88



Handle

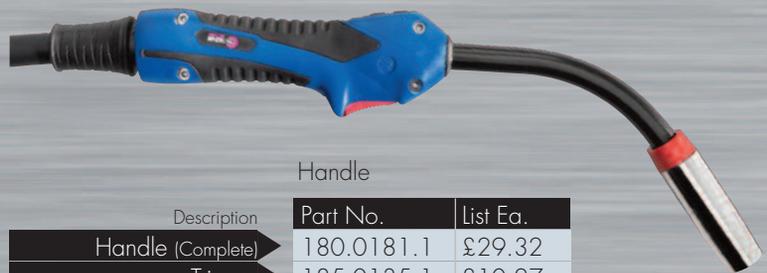
Description	Part No.	List Ea.
Handle (Complete)	180.0181.1	£29.32
Trigger	185.0135.1	£10.27

## ABIMIG® A 355 LW



Bikox® LW Power Cable  
Light-weight

Length	Part No.	List Ea.
3 Metre	160.H046	£92.86
4 Metre	160.H047	£114.89
5 Metre	160.H048	£136.89

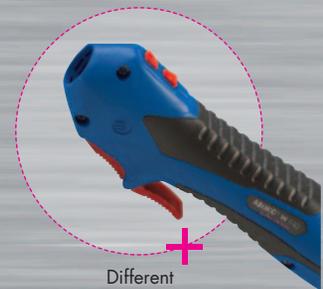


Handle

Description	Part No.	List Ea.
Handle (Complete)	180.0181.1	£29.32
Trigger	185.0135.1	£10.27



ABIMIG® A 255



Different  
handle options  
are available  
on page 32



Visit our YouTube channel **ABICOR BINZEL** to watch the ABIMIG® A promotional product film >>



# ABIMIG® EVO LW Torches

Air Cooled - Fixed Neck

## Technical Data

(EN 60 974-7)



- Air Cooled**
- 210 Amp**  
(Mixed Gases)
- 60%**
- 0.8-1.2mm**



ABIMIG® EVO 255 LW  
MIG/MAG Welding Torch

Length		Part No.	List Ea.
3 Metre	→	767.D630.1	£142.39
4 Metre	→	767.D631.1	£158.26
5 Metre	→	767.D632.1	£174.08
Angle			
45°	Swan Neck →	767.D633	£24.57



- Air Cooled**
- 270 Amp**  
(Mixed Gases)
- 60%**
- 1.0-1.2mm**



ABIMIG® EVO 355 LW  
MIG/MAG Welding Torch

Length		Part No.	List Ea.
3 Metre	→	767.D901.1	£190.71
4 Metre	→	767.D902.1	£191.91
5 Metre	→	767.D903.1	£235.81
Angle			
45°	Swan Neck →	767.D707.1	£37.97

- Air Cooled**
- 350 Amp**  
(Mixed Gases)
- 60%**
- 1.0-1.6mm**



ABIMIG® EVO 455  
MIG/MAG Welding Torch

Length		Part No.	List Ea.
3 Metre	→	767.D782.1	£192.47
4 Metre	→	767.D783.1	£212.71
5 Metre	→	767.D784.1	£232.96
Angle			
45°	Swan Neck →	767.D756.1	£65.39

### ABIMIG® EVO LW features & benefits ...

ABIMIG® EVO LW torches are optimal whenever the best possible welding results are to be achieved with a torch neck geometry. Thanks to the slim straight handles, the torches fit comfortably in the hand and allow different postural positions and flexibility in torch neck alignment. ABIMIG® EVO LW torches are very hard-wearing and, thanks to the double fixation of the torch neck, are particularly well protected against mechanical deformation.

ABIMIG® EVO LW torches are fitted with weight-optimised LW cable assemblies and are particularly light.

- Lightweight "Bikox® LW" cable assembly – reduction of the torch weight of up to 50 %.
- Universal contact tip holder (contact tip holder, gas diffuser and gas nozzle holder all in one) – reduction of the number of spare parts and thus the costs.
- Screwable, thermally insulated gas nozzle – longer service life of the torch and cost reduction

# ABIMIG® EVO LW Spare Parts

## ABIMIG® EVO 255 LW



Bikox® LW Power Cable  
Light-weight

Length	Part No.	List Ea.
3 Metre	160.H032	£58.89
4 Metre	160.H033	£74.38
5 Metre	160.H034	£89.88

Handle

Description	Part No.	List Ea.
Handle (Complete)	180.0127	£33.19
Switch	185.0101	£13.02

## ABIMIG® EVO 355 LW



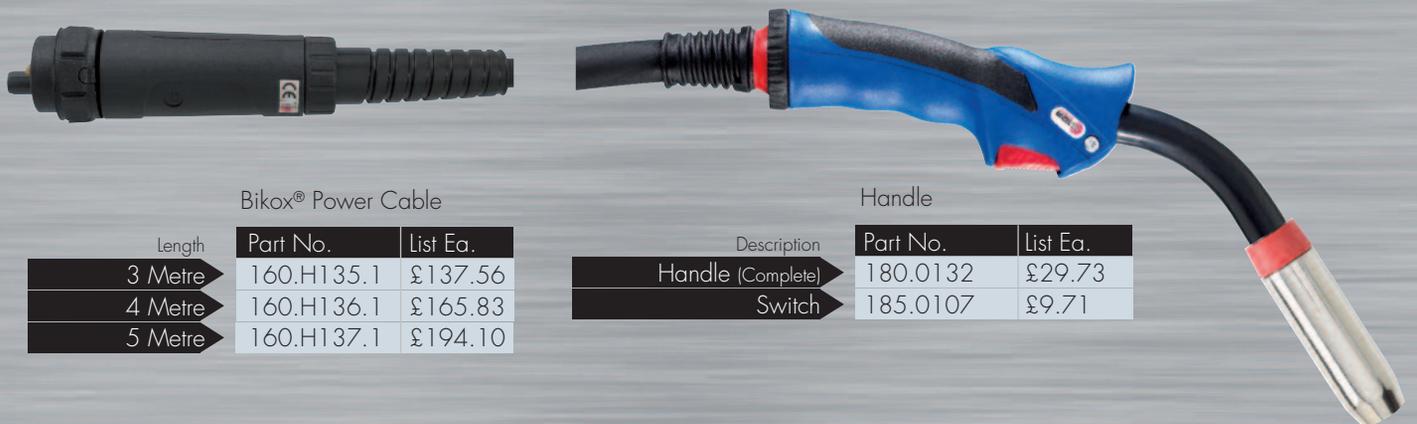
Bikox® LW Power Cable  
Light-weight

Length	Part No.	List Ea.
3 Metre	160.H046	£92.86
4 Metre	160.H047	£114.89
5 Metre	160.H048	£136.89

Handle

Description	Part No.	List Ea.
Handle (Complete)	180.0127	£33.19
Switch	185.0101	£13.02

## ABIMIG® EVO 455



Bikox® Power Cable

Length	Part No.	List Ea.
3 Metre	160.H135.1	£137.56
4 Metre	160.H136.1	£165.83
5 Metre	160.H137.1	£194.10

Handle

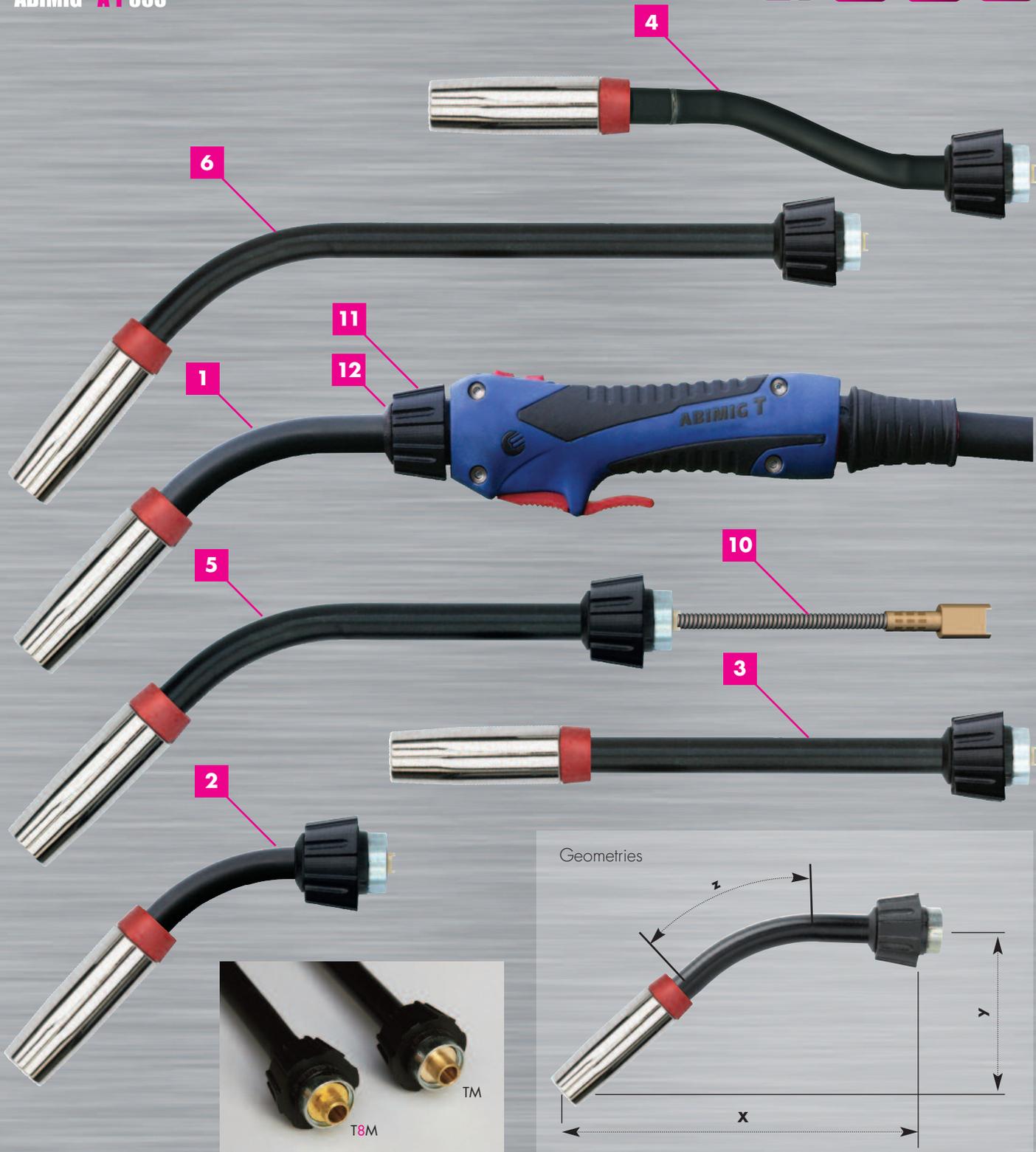
Description	Part No.	List Ea.
Handle (Complete)	180.0132	£29.73
Switch	185.0107	£9.71



ABIMIG® EVO 355

# ABIMIG® AT Special Necks

ABIMIG® AT 355



Neck Assembly **c/w consumables**  
(M8 contact tip & gas nozzle)

No.	Type	Part Number	List Ea.
<b>1</b>	Standard	014.H486.1 ●	£71.85
		014.H492.1 ●	£71.85
<b>2</b>	Short	014.H534.1 ●	£64.84
		014.H483.1 ●	£71.85
<b>3</b>	Straight	014.H489.1 ●	£71.85
		014.H565.1 ●	£76.59
<b>4</b>	Flexi	014.H574.1 ●	£102.64
		014.H515.1.X350 ●	£234.31
<b>5</b>	Long Flexi	014.H515.1.X500 ●	£270.37
		014.H499.1 ●	£101.27
<b>6</b>	Extra Long	014.H505.1 ●	£123.76

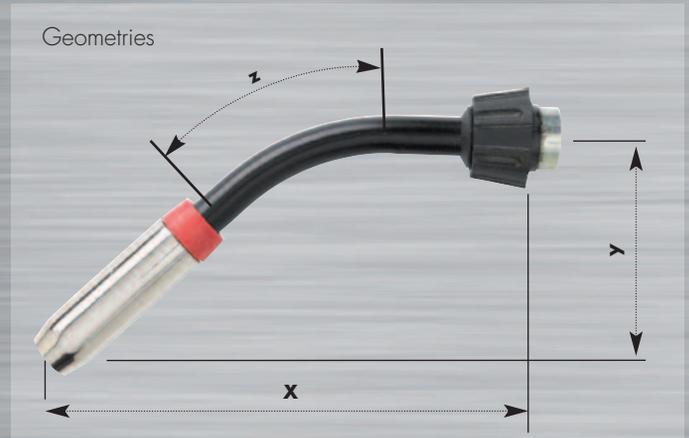
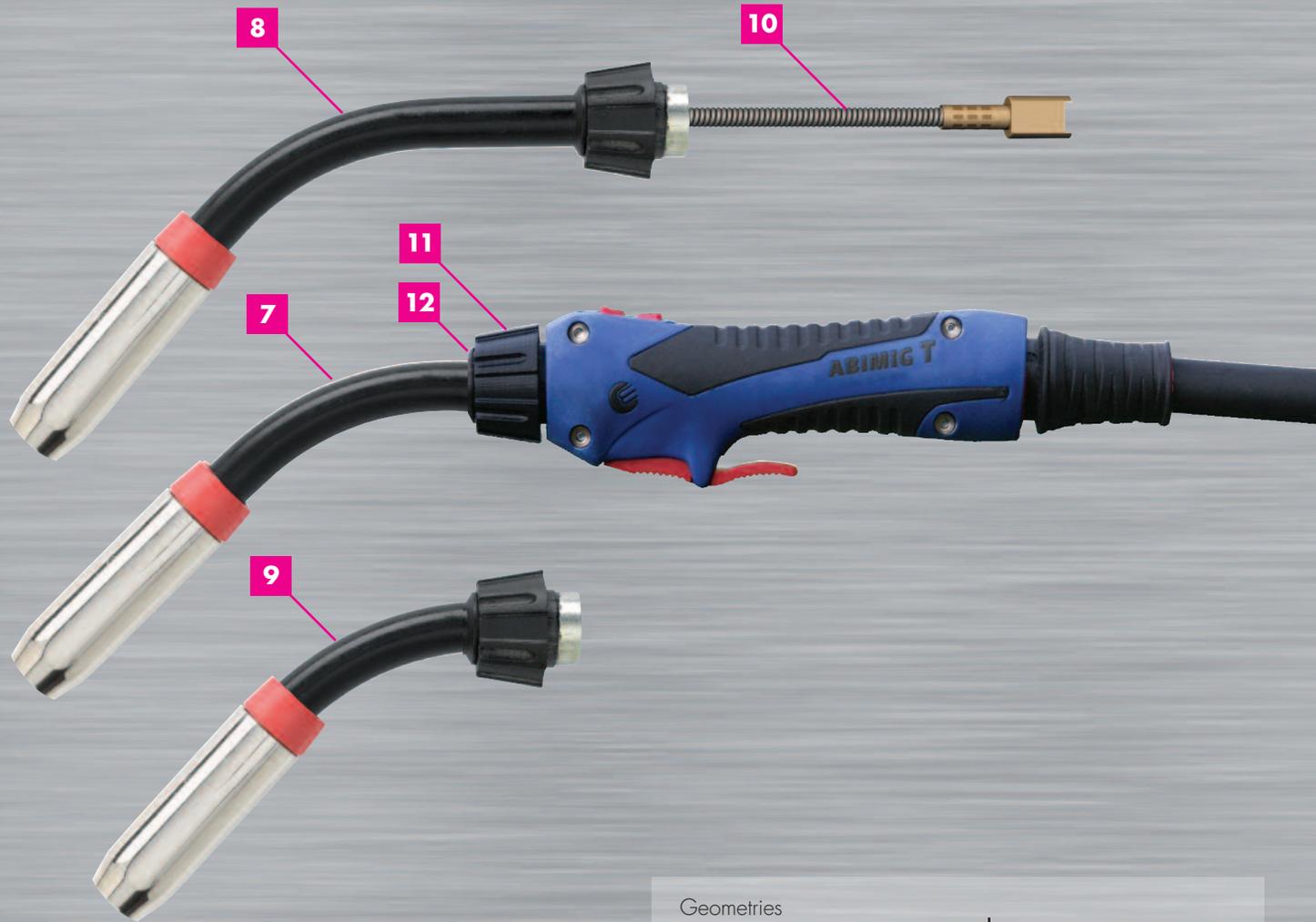
Neck Assembly **only**

Part Number	List Ea.
014.H476.1 ●	£62.67
014.H449.1 ●	£62.67
-	-
014.H471.1 ●	£62.67
014.H538.1 ●	£62.67
014.H480.1 ●	£62.67
-	-
014.H515.1 ●	£82.38
-	-
-	-
014.H494.1 ●	£101.27
014.H500.1 ●	£114.77

Geometries

x (mm)	y (mm)	z
185	95	45°
185	95	45°
160	85	45°
160	85	45°
125	105	60°
165	110	60°
220	-	0°
260	-	-
350	-	-
500	-	-
300	95	45°
500	95	45°

● T&M (8 positions) ● TM (360° position)



Neck Assembly **c/w consumables**  
 (Contact tip & gas nozzle)

No.	Type	Part Number	List Ea.
<b>7</b>	Standard	016.D433.1 ●	£115.37
<b>8</b>	Long	016.D415.1 ●	£115.37
<b>9</b>	Short	016.D441.1 ●	£115.37

Neck Assembly **only**

Part Number	List Ea.
016.D428.1 ●	£85.50
016.D410.1 ●	£96.35
016.D435.1 ●	£85.50

Geometries

x (mm)	y (mm)	z
160	130	60°
220	105	45°
135	110	60°

ABIMIG® A T 355

No.	Type	Part Number	List Ea.
<b>10</b>	Neck Liner >1.2mm	122.D038 (265mm)	£2.46
		122.D088 (415mm)	£3.27
	Neck Liner >1.6mm	122.D045 (265mm)	£2.30
<b>11</b>	Locking Nut	014.H279.1	£9.77
<b>12</b>	Protection Cap	014.H282.10	£0.67

ABIMIG® A T 455

Part Number	List Ea.
122.D077 (265mm)	£2.98
-	-
122.D078 (265mm)	£2.98
014.H279.1	£9.77
014.H283.10	£0.67

**Additional Spare Parts**

● T8M (8 positions) ● TM (360° position)

# ABIMIG® A / A T / EVO Consumables

## Screw-On Gas Nozzles



ABIMIG® 255  
Gas Nozzles  
Pack Size = 5

Ø	Length	Type	Part Number	List Ea.
16mm	70mm	Conical	145.D011 ●	£5.50
14mm	67mm	Conical	145.D012	£5.50
18mm	69mm	Cylindrical	145.D014	£5.50
12mm	70mm	Tapered	145.D015	£5.50



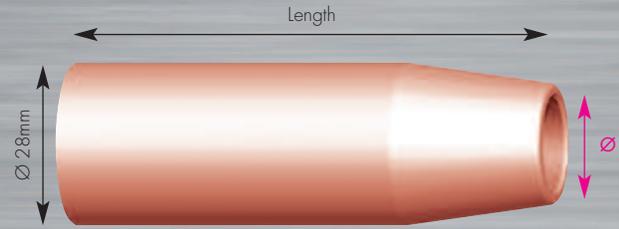
ABIMIG® 355  
Gas Nozzles  
Pack Size = 5

Ø	Length	Type	Part Number	List Ea.
18mm	72mm	Conical	145.D021 ●	£7.49
16mm	72mm	Conical	145.D026	£6.40
21mm	72mm	Cylindrical	145.D024	£7.49
12mm	72mm	Tapered	145.D025	£6.49



ABIMIG® 455  
Gas Nozzles  
Pack Size = 5

Ø	Length	Type	Part Number	List Ea.
13mm	85mm	Conical	145.D243	£13.66
16mm	85mm	Conical	145.D244 ●	£12.96
19mm	85mm	Conical	145.D245	£12.96
24mm	83mm	Cylindrical	145.D249	£12.96



ABIMIG® 455  
**HD** Gas Nozzles  
Pack Size = 5

Ø	Length	Type	Part Number	List Ea.
16mm	85mm	Conical	145.D241	£18.69
19mm	85mm	Conical	145.D242	£18.69

## Push-On Gas Nozzles



ABIMIG® 255  
Gas Nozzles  
Pack Size = 5

Ø	Length	Type	Part Number	List Ea.
16mm	70mm	Conical	145.D375	£6.32



ABIMIG® 355  
Gas Nozzles  
Pack Size = 5

Ø	Length	Type	Part Number	List Ea.
13mm	72mm	Tapered	145.D438.5	£9.98
16mm	72mm	Conical	145.D378	£8.99
18mm	72mm	Conical	145.D439.5	£9.98



ABIMIG® 455  
Gas Nozzles  
Pack Size = 5

Ø	Length	Type	Part Number	List Ea.
19mm	85mm	Conical	145.D381	£12.96

## Neck Insulator



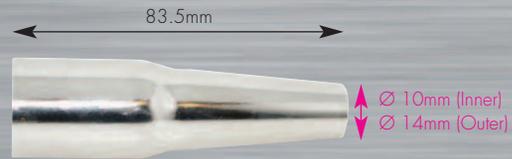
ABIMIG®  
A / A T / EVO  
Neck Insulator  
Pack Size = 5

Model	Type	Part Number	List Ea.
A / A T / EVO	ABIMIG® 255	767.D637	£2.38
A / A T / EVO	ABIMIG® 355	767.D668.5	£2.27
A / A T	ABIMIG® 455	016.D393.5	£16.36
EVO	ABIMIG® 455	767.D759.5	£3.75

● Included in the standard equipment fitted to complete torches.



Standard parts include -  
Tip/Nozzle Adaptor  
(014.H460.1)



Tapered  
Contact Tip **M6**  
Pack Size = 10

Tapered  
Gas Nozzle  
Pack Size = 5

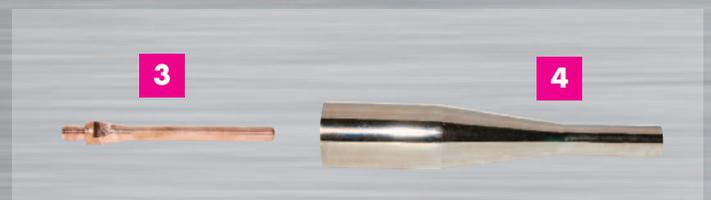
No.	Wire Size	Part No.	List Ea.
<b>1</b>	1.0mm	140.D454.10	£4.33
	1.2mm	140.D455.10	£4.33

No.	Type	Part No.	List Ea.
<b>2</b>	Tapered	145.D402	£12.14

Bottle - ABIMIG® A / AT / EVO



Standard parts include -  
Tip/Nozzle Adaptor  
(014.H460.1)



Bottle  
Contact Tip **M8**  
Pack Size = 10

Bottle  
Gas Nozzle  
Pack Size = 5

No.	Wire Size	Part No.	List Ea.
<b>3</b>	1.0mm	140.1584.10	£16.63
	1.2mm	140.1585.10	£16.63

No.	Type	Part No.	List Ea.
<b>4</b>	Bottle	145.D437.5	£28.08

# ABIMIG® A / A T / EVO Consumables

## Screw-On Gas Nozzles



ABIMIG® 255  
Screw On Tip/Nozzle Holder  
Pack Size = 5

Type	Size	Part No.	List Ea.
Fine Thread	M6	004.D624 ●	£3.58
Fine Thread	M8	004.D719	£3.58



ABIMIG® 355  
Screw On Tip/Nozzle Holder  
Pack Size = 5

Type	Size	Part No.	List Ea.
Coarse Thread	M6	014.H400.5	£7.53
Coarse Thread	M8	014.H460.5 ●	£4.75



ABIMIG® EVO 455  
Screw On Tip/Nozzle Holder  
Pack Size = 5

Type	Size	Part No.	List Ea.
Fine Thread	M8	016.D155	£4.77
Fine Thread	M10	016.D156 ●	£4.77



ABIMIG® A T 455  
Screw On Tip/Nozzle Holder  
Pack Size = 5

Type	Size	Part No.	List Ea.
Coarse Thread	M8	016.D407.5 ●	£5.54
Coarse Thread	M10	016.D408.5	£6.07

## Push On Tip/Nozzle Holder



ABIMIG® 255  
Push On Tip/Nozzle Holder  
Pack Size = 5

Type	Size	Part No.	List Ea.
Fine Thread	M6	004.D763	£5.44



ABIMIG® 355  
Push On Tip/Nozzle Holder  
Pack Size = 5

Type	Size	Part No.	List Ea.
Coarse Thread	M8	014.H402.5	£5.82



ABIMIG® 455  
Push On Tip/Nozzle Holder  
Pack Size = 5

Type	Size	Part No.	List Ea.
Coarse Thread	M8	016.D418.5	£6.73
Coarse Thread	M10	016.D423.5	£6.73

## Get more life out of your BINZEL consumables ...

### Ceramic Coating Spray

- Reduction of ongoing maintenance costs.
- Increase of equipment availability.
- Excellent adhesion of the coating.
- High abrasion resistance.

### Ceramic Spray Coating Cap

- Cost savings through less consumption.
- Protects welders and the environment.
- Time saving thanks to better handling.
- Optimised coating of the gas nozzle.
- Can be used several times.

See page 39 for list prices.



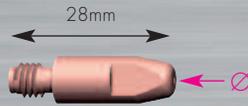
**Long-lasting protection**  
for the gas nozzle area,  
workpiece holder and  
workpiece. Silicon free.  
Extremely heat-resistant  
and abrasion-resistant.



# Contact Tips

## Heavy Duty (CuCrZr)

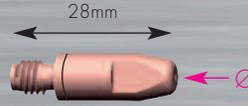
### Standard (E-Cu)



ABIMIG® 255  
Standard (E-Cu)  
Pack size = 50

**M6**

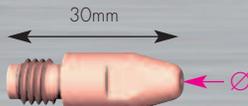
Diameter	Part No.	List Ea.
Ø 0.8 mm	140.0051	£0.83
Ø 1.0 mm	140.0242 ●	£0.83
Ø 1.2 mm	140.0379	£0.83
Ø 1.4 mm	140.0516	£0.83
Ø 1.6 mm	140.0555	£0.83



ABIMIG® 255  
Heavy Duty (CuCrZr)  
Pack size = 50

**M6**

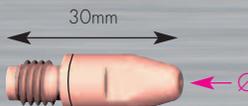
Diameter	Part No.	List Ea.
Ø 0.8 mm	140.0054	£1.47
Ø 1.0 mm	140.0245	£1.47
Ø 1.2 mm	140.0382	£1.47
Ø 1.4 mm	140.0519	£1.47
Ø 1.6 mm	140.0558	£1.47



ABIMIG®  
255/355/455  
Standard (E-Cu)  
Pack size = 50

**M8**

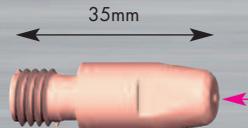
Diameter	Part No.	List Ea.
Ø 0.8 mm	140.0114	£1.25
Ø 1.0 mm	140.0313	£1.25
Ø 1.2 mm	140.0442	£1.25
Ø 1.4 mm	140.0533	£1.25
Ø 1.6 mm	140.0587	£1.25



ABIMIG®  
255/355/455  
Heavy Duty (CuCrZr)  
Pack size = 50

**M8**

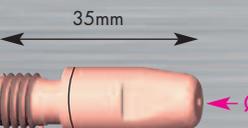
Diameter	Part No.	List Ea.
Ø 0.8 mm	140.0117	£2.21
Ø 1.0 mm	140.0316	£2.21
Ø 1.2 mm	140.0445 ●	£2.21
Ø 1.4 mm	140.0536	£2.21
Ø 1.6 mm	140.0590	£2.21



ABIMIG® 455  
Standard (E-Cu)  
Pack size = 50

**M10**

Diameter	Part No.	List Ea.
Ø 1.0 mm	140.1542	£3.32
Ø 1.2 mm	140.1543	£3.32
Ø 1.4 mm	-	-
Ø 1.6 mm	140.1544	£3.32

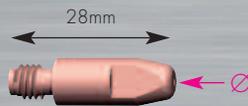


ABIMIG® 455  
Heavy Duty (CuCrZr)  
Pack size = 50

**M10**

Diameter	Part No.	List Ea.
Ø 1.0 mm	140.0348	£3.82
Ø 1.2 mm	140.0481 ●	£3.46
Ø 1.4 mm	140.0547	£3.46
Ø 1.6 mm	140.0616	£3.46

### Aluminium



ABIMIG® 255  
Aluminium  
Pack size = 50

**M6**

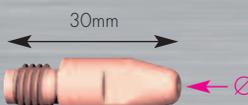
Diameter	Part No.	List Ea.
Ø 0.8 mm	141.0001	£1.30
Ø 1.0 mm	141.0006	£1.30
Ø 1.2 mm	141.0010	£1.30
Ø 1.4 mm	141.0019	£1.30



ABIMIG® 255  
ABITIP®  
Pack size = 10

**M6**

Diameter	Part No.	List Ea.
Ø 0.8 mm	144.0054	£2.59
Ø 1.0 mm	144.0245	£2.59
Ø 1.2 mm	144.0382	£2.59
Ø 1.4 mm	144.0519	£2.59



ABIMIG®  
255/355/455  
Aluminium  
Pack size = 50

**M8**

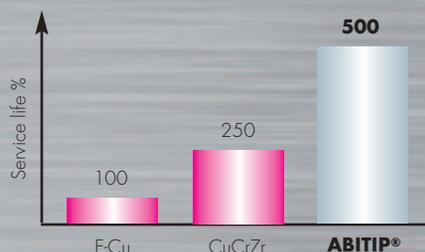
Diameter	Part No.	List Ea.
Ø 0.8 mm	141.0003	£1.35
Ø 1.0 mm	141.0008	£1.35
Ø 1.2 mm	141.0015	£1.35
Ø 1.4 mm	141.0055	£1.35
Ø 1.6 mm	141.0022	£1.35



ABIMIG®  
255/355/455  
ABITIP®  
Pack size = 10

**M8**

Diameter	Part No.	List Ea.
Ø 0.8 mm	144.0117	£3.46
Ø 1.0 mm	144.0316	£3.46
Ø 1.2 mm	144.0445	£3.46
Ø 1.4 mm	144.0536	£3.46
Ø 1.6 mm	144.0590	£3.46



ABIMIG® 455  
ABITIP®  
Pack size = 10

**M10**

Diameter	Part No.	List Ea.
Ø 1.2 mm	147.0481	£6.29
Ø 1.4 mm	147.0547	£6.29
Ø 1.6 mm	147.0616	£6.29

● Included in the standard equipment fitted to complete torches (ABIMIG® 255)  
● Included in the standard equipment fitted to complete torches (ABIMIG® EVO 455)

● Included in the standard equipment fitted to complete torches (ABIMIG® 355 & A T 455)

# Manual Torch Liners

## PVC Coated

We strongly recommend the use of **Combi** versions in manual torches to increase performance, extend the life of the liner & prevent the liner from melting in the torch neck.

### Recommended for:

-  **Air or Liquid Cooled**
-  **Low or High Temp**
-  **Hard Wires**



ABIMIG® A / A T / EVO / W

Colour	Diameter Ø	3 Metre	List Ea.	4 Metre	List Ea.	5 Metre	List Ea.
	0.6 - 0.8 mm	124.0011	£7.32	124.0012	£8.53	124.0015	£9.83
	1.0 - 1.2 mm	124.0026 ●	£7.32	124.0031 ●	£8.53	124.0035 ●	£9.83
	1.4 - 1.6 mm	124.0041	£7.32	124.0042	£8.53	124.0044	£9.83

## PVC Coated (ABIMIG® 455)



ABIMIG® A T / EVO

Colour	Diameter Ø	3 Metre	List Ea.	4 Metre	List Ea.	5 Metre	List Ea.
	1.0 - 1.2 mm	124.D094 ●	£10.02	124.D095 ●	£10.62	124.D096 ●	£12.84
	1.4 - 1.6 mm	124.D044	£13.66	124.D044	£13.66	124.D044	£13.66

-  **Air Cooled**
-  **High Temp**
-  **Hard Wires**

## PTFE

Recommended for low heat applications in air cooled torches. They can be used on higher heat applications when used with a liquid cooled torch and a brass neck liner.



ABIMIG® A / A T / EVO / W

Colour	Diameter Ø	3 Metre	List Ea.	4 Metre	List Ea.	5 Metre	List Ea.
	0.6 - 0.8 mm	126.0005	£19.19	126.0008	£24.67	126.0011	£30.15
	1.0 - 1.2 mm	126.0021	£19.19	126.0026	£24.67	126.0028	£30.15
	1.4 - 1.6 mm	126.0039	£19.19	126.0042	£24.67	126.0045	£30.15

-  **Air or Liquid Cooled**
-  **Low Temp**
-  **Soft Wires**

## Combi-PTFE

The addition of a short brass spiral wound liner attached to the front of the PTFE liner enables this liner to be used in higher temperature applications.



ABIMIG® A / A T / EVO / W

Colour	Diameter Ø	3 Metre	List Ea.	4 Metre	List Ea.	5 Metre	List Ea.
	0.6 - 0.8 mm	126.M002	£35.95	126.M003	£41.49	-	-
	1.0 - 1.2 mm	126.M006	£35.95	126.M007	£41.49	126.M008	£47.05
	1.4 - 1.6 mm	126.M009	£42.60	126.M010	£47.60	126.M011	£52.57

-  **Air or Liquid Cooled**
-  **High Temp**
-  **Soft Wires**

## Carbon PTFE

Designed for wires that are difficult to feed (e.g. stainless & nickel) due to either the composition of the wire (soft) or the outside characteristics of the wire. The PTFE material is impregnated with carbon leading to better wear characteristics compared to other plastic liners.



ABIMIG® A / A T / EVO

Colour	Diameter Ø	3 Metre	List Ea.	4 Metre	List Ea.	5 Metre	List Ea.
	0.6 - 0.8 mm	127.0002	£26.30	127.0003	£31.81	127.0004	£43.53
	1.0 - 1.2 mm	127.0005	£28.91	127.0007	£35.02	127.0008	£43.53
	1.4 - 1.6 mm	127.0010	£28.91	127.0012	£35.02	127.0013	£43.53

-  **Air Cooled**
-  **Low or High Temp**
-  **Soft or Hard Wires**

## Combi-Carbon PTFE

Same as the Carbon PTFE liner but with the addition of a short brass spiral wound liner attached to the front enables it to be used in higher temperature applications.



ABIMIG® A / A T / EVO

Colour	Diameter Ø	3 Metre	List Ea.	4 Metre	List Ea.	5 Metre	List Ea.
	1.0 - 1.2 mm	127.M006	£44.28	127.M007	£49.80	127.M008	£55.32

-  **Air Cooled**
-  **High Temp**
-  **Soft or Hard Wires**

## Polyamide (PA)

Designed to be used in low temperature applications in a variety of wire types. It is a low cost alternative and a good choice for low duty cycle air-cooled, Push-Pull applications.



ABIMIG® A / A T / EVO

Colour	Diameter Ø	3 Metre	List Ea.	4 Metre	List Ea.	5 Metre	List Ea.
	1.0 - 1.2 mm	128.0012	£13.69	128.0015	£18.23	128.0016	£22.82
	1.4 - 1.6 mm	128.0020	£13.69	128.0021	£18.23	128.0030	£36.54

-  **Air Cooled**
-  **Low Temp**
-  **Soft Wires**

## Combi-PA

The addition of a short brass spiral wound liner attached to the front enables this liner to be used in higher temperature applications. The brass part aids in transferring current to the weld wire, and for this reason, Combi-PA liners are often used with soft wires (Aluminium).



ABIMIG® A / A T / EVO / W

Colour	Diameter Ø	3 Metre	List Ea.	4 Metre	List Ea.	5 Metre	List Ea.
	1.0 - 1.2 mm	128.M002	£27.69	128.M003	£30.44	128.M004	£33.19

-  **Air or Liquid Cooled**
-  **High Temp**
-  **Soft Wires**

# ABI! glide

COMBI TORCH LINER



**EXTREMELY LOW FRICTION.**

**PERFECT FOR DIFFICULT TO FEED WIRES e.g. ALUMINIUM, STAINLESS & NICKEL.**

**AVAILABLE IN A 50M COIL.**

**EXCLUSIVELY DESIGNED BY BINZEL FOR USE IN GENUINE BINZEL TORCHES**

Diameter Ø	Length	Part No.	List Ea.
1.0 - 1.6mm	3 Metres	128GB001	£33.86
1.0 - 1.6mm	4 Metres	128GB002	£45.62
1.0 - 1.6mm	5 Metres	128GB003	£57.38
1.0 - 1.6mm	6 Metres	128GB004	£68.86



#genuinebinzel



# ABIMIG® 'GRIP' W Torch

## Liquid Cooled - Fixed Neck

**Technical Data**  
(EN 60 974-7)



ABIMIG® 'GRIP' W  
555 D TS  
MIG/MAG Welding Torch

Length		Part No.	List Ea.
3 Metre		766.1457.1	£344.90
4 Metre		766.1458.1	£361.70
5 Metre		766.1459.1	£373.12
Angle			
50°	Swan Neck	766.0900.1	£183.32

-  **Liquid Cooled**
-  **500 Amp**  
(Mixed Gases)
-  **100%**
-  **0.8-1.6mm**



### ABIMIG® GRIP W features & benefits ...

MIG/MAG welding torches ABIMIG® GRIP W liquid cooled with the innovative two-component handle system "GRIP" combine ergonomics and feel with all common module variations (for switch and control functions) as well as "top trigger" solutions. "GRIP" insert and ball joint in the handle guarantees secure grip and optimal handling.

The liquid cooled ABIMIG® GRIP W torches particularly excel in pulse arc welding due to an optimized dual-circuit cooling system that ensures "extra-cool" wear parts and therefore extended service life.

All torches are thoroughly designed to provide comfortable and precise operation.

- Dual-circuit cooling system with increased cooling liquid flow and novel heat dissipation for optimum power and heat conduction – guarantees less spatter adhesion and therefore extremely extended service life of wear and spare parts
- Additional torch neck protection through a UV, ozone and temperature resistant protective cover – for longer torch service life
- The newly developed torch neck and handle system ABIMIG® GRIP with ball joint guarantees optimum balance – even for welding tasks when access is difficult
- Mechanically resilient and robust tip holder (optionally soldered or changeable) – long service life



Power Cable

Length	Part No.	List Ea.
3 Metre	115.0581	£60.85
4 Metre	115.0582	£73.06
5 Metre	115.0583	£85.20

Wire & Gas Conduit

Length	Part No.	List Ea.
3 Metre	156.0275	£20.41
4 Metre	156.0276	£22.04
5 Metre	156.0277	£23.24

Water Hose

Length	Part No.	List Ea.
Per Metre	109.0056	£2.25
Per Metre	109.0057	£2.25



Handle

Description	Part No.	List Ea.
Handle (Complete)	180.0132	£29.73
Trigger	185.0107	£9.71

Outer Cover

Length	Part No.	List Ea.
Per Metre	107.0004	£8.83



The ABIMIG GRIP W 555 D is also available with standard **MB 501 Gas Nozzles** on request.

Screw-On Gas Nozzle



TS Gas Nozzles

Screw-On

Pack Size = 5

Ø A	Type	Part No.	List Ea.
20mm	Cylindrical	145.0709.5	£19.68
16mm	Conical	145.0708.5	£16.07
13mm	Tapered	145.0734.5	£21.97

All other consumables...



For contact tips see page 31, for liners see page 24.

For gas diffusers & tip adaptors, please consult the **BINZEL BASICS 2018** Product Catalogue.

The catalogue is available to view & download online [www.binzel-abicor.co.uk](http://www.binzel-abicor.co.uk)

● Included in the standard equipment fitted to complete torches.

# ABIMIG® W Torches

Liquid Cooled - Fixed Neck

## Technical Data

(EN 60 974-7)



ABIMIG® W 340  
MIG/MAG Welding Torch

Length		Part No.	List Ea.
3 Metre	→	766.1530.1	£255.09
4 Metre	→	766.1531.1	£271.92
5 Metre	→	766.1532.1	£288.75
Angle			
50°	Swan Neck →	766.1553.1	£63.77

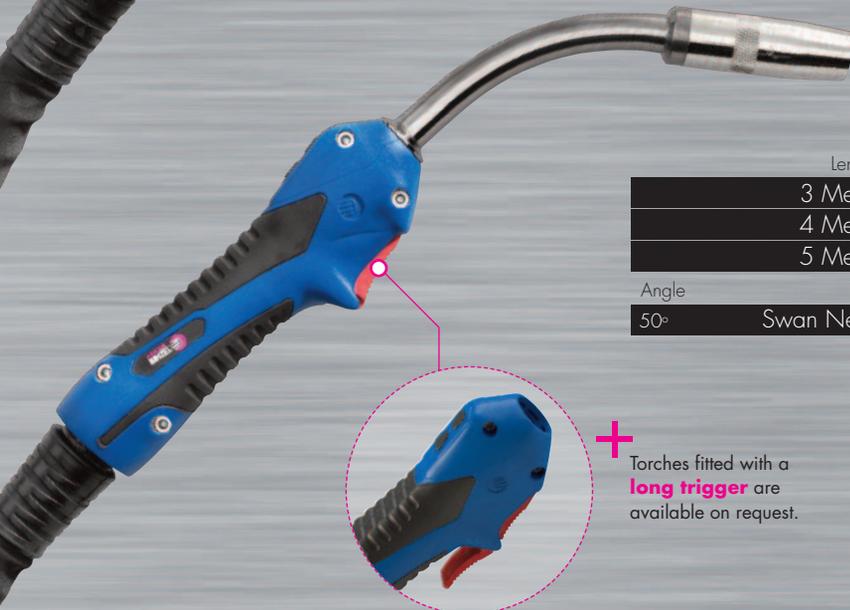
-  **Liquid Cooled**
-  **350 Amp**  
(Mixed Gases)
-  **100%**
-  **0.8-1.2mm**



ABIMIG® W 440  
MIG/MAG Welding Torch

Length		Part No.	List Ea.
3 Metre	→	766.1533.1	£263.95
4 Metre	→	766.1534.1	£280.78
5 Metre	→	766.1535.1	£297.61
Angle			
50°	Swan Neck →	766.1548.1	£70.60

-  **Liquid Cooled**
-  **450 Amp**  
(Mixed Gases)
-  **100%**
-  **0.8-1.6mm**



ABIMIG® W 540  
MIG/MAG Welding Torch

Length		Part No.	List Ea.
3 Metre	→	766.1536.1	£280.75
4 Metre	→	766.1537.1	£298.07
5 Metre	→	766.1538.1	£315.39
Angle			
50°	Swan Neck →	766.1539.1	£80.21

-  **Liquid Cooled**
-  **550 Amp**  
(Mixed Gases)
-  **100%**
-  **1.0-1.6mm**

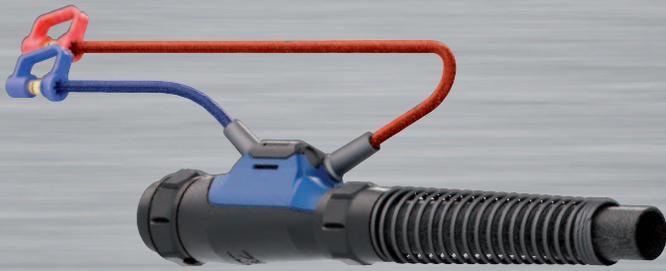


**+** Torches fitted with a **long trigger** are available on request.

### ABIMIG® W features & benefits ...

ABIMIG® W torches are optimal whenever the best possible welding results are to be achieved with a torch neck geometry. Thanks to the slim straight handles, the torches fit comfortably in the hand and allow different postural positions and flexibility in torch neck alignment. ABIMIG® W torches are very hard-wearing and, thanks to the double fixation of the torch neck, are particularly well protected against mechanical deformation.

- Coated torch necks and robust design for use at high process temperatures
- Durable, screwable gas nozzles with integrated, replaceable spatter protection
- Extended and short triggers available – for best handling
- Tried-and-tested ergonomic grip – easy to hold in all positions



Power Cable

Length	Part No.	List Ea.
3 Metre	115.0855.1	£49.91
4 Metre	115.0856.1	£55.93
5 Metre	115.0857.1	£64.87

Handle

Description	Part No.	List Ea.
Handle (Complete)	180.0181.1	£30.48
Trigger	185.0135.1	£10.27

Wire & Gas Conduit

Length	Part No.	List Ea.
3 Metre	154.0020.1	£24.58
4 Metre	154.0021.1	£28.58
5 Metre	154.0022.1	£34.10

Outer Cover

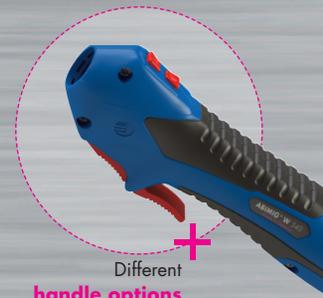
Length	Part No.	List Ea.
3 Metre	107.0109.1	£51.08
4 Metre	107.0110.1	£63.83
5 Metre	107.0111.1	£75.58

Water Hose

Length	Part No.	List Ea.
Per Metre	109.0056	£2.25
Per Metre	109.0057	£2.25



**ABIMIG® W 340**



Different **handle options** are available on page 32



Visit our YouTube channel **ABICOR BINZEL** to watch the **ABIMIG® W** promotional product film >>



# ABIMIG® W Consumables

## Screw-On Gas Nozzles



ABIMIG® W 340  
Gas Nozzles  
Pack Size = 5

$\varnothing$	Length	Type	Part Number	List Ea.
17mm	62mm	Cylindrical	145.0740.5	£6.22
12.5mm	62mm	Conical	145.0737.5	£6.22
10mm	62mm	Conical	145.0739.5	£6.22



ABIMIG® W 440  
Gas Nozzles  
Pack Size = 5

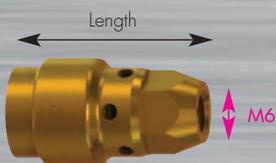
$\varnothing$	Length	Type	Part Number	List Ea.
18mm	66mm	Cylindrical	145.0745.5	£7.89
14.5mm	66mm	Conical	145.D092.5	£7.89
12mm	66mm	Conical	145.0746.5	£7.89



ABIMIG® W 540  
Gas Nozzles  
Pack Size = 5

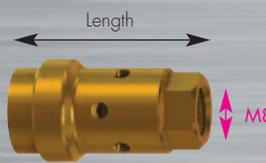
$\varnothing$	Length	Type	Part Number	List Ea.
20mm	66mm	Cylindrical	145.0742.5	£9.20
16mm	66mm	Conical	145.0735.5	£9.20
14mm	66mm	Conical	145.0741.5	£9.20

## Tip Holder



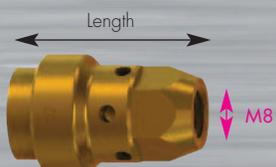
ABIMIG® W 340  
Tip Holder  
Pack Size = 5

Size	Length	Type	Part Number	List Ea.
M6	24mm	Brass	142.0241.5	£3.00
M6	26mm	Brass	142.0242.5	£3.10



ABIMIG® W 440  
Tip Holder  
Pack Size = 5

Size	Length	Type	Part Number	List Ea.
M8	26mm	Brass	142.0252.5	£4.01
M8	28mm	Brass	142.0253.5	£4.11
M8	31mm	Brass	142.0243.5	£4.11



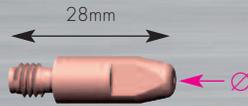
ABIMIG® W 540  
Tip Holder  
Pack Size = 5

Size	Length	Type	Part Number	List Ea.
M8	25mm	Brass	142.0239.5	£4.21
M8	27mm	Brass	142.0240.5	£4.21

# Contact Tips

## Heavy Duty (CuCrZr)

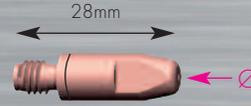
## Standard (E-Cu)



ABIMIG® W 340  
Standard (E-Cu)  
Pack size = 50

**M6**

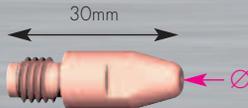
Diameter	Part No.	List Ea.
Ø 0.8 mm	140.0051	£0.83
Ø 1.0 mm	140.0242 ●	£0.83
Ø 1.2 mm	140.0379	£0.83
Ø 1.4 mm	140.0516	£0.83
Ø 1.6 mm	140.0555	£0.83



ABIMIG® W 340  
Heavy Duty (CuCrZr)  
Pack size = 50

**M6**

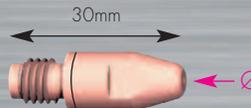
Diameter	Part No.	List Ea.
Ø 0.8 mm	140.0054	£1.47
Ø 1.0 mm	140.0245	£1.47
Ø 1.2 mm	140.0382	£1.47
Ø 1.4 mm	140.0519	£1.47
Ø 1.6 mm	140.0558	£1.47



ABIMIG® W  
440/540/555  
Standard (E-Cu)  
Pack size = 50

**M8**

Diameter	Part No.	List Ea.
Ø 0.8 mm	140.0114	£1.25
Ø 1.0 mm	140.0313	£1.25
Ø 1.2 mm	140.0442	£1.25
Ø 1.4 mm	140.0533	£1.25
Ø 1.6 mm	140.0587	£1.25

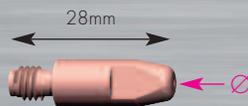


ABIMIG® W  
440/540/555  
Heavy Duty (CuCrZr)  
Pack size = 50

**M8**

Diameter	Part No.	List Ea.
Ø 0.8 mm	140.0117	£2.21
Ø 1.0 mm	140.0316	£2.21
Ø 1.2 mm	140.0445 ●	£2.21
Ø 1.4 mm	140.0536	£2.21
Ø 1.6 mm	140.0590	£2.21

## Aluminium



ABIMIG® W 340  
Aluminium  
Pack size = 50

**M6**

Diameter	Part No.	List Ea.
Ø 0.8 mm	141.0001	£1.30
Ø 1.0 mm	141.0006	£1.30
Ø 1.2 mm	141.0010	£1.30
Ø 1.4 mm	141.0019	£1.30
Ø 1.6 mm	141.0020	£1.30

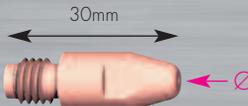


ABIMIG® W 340  
ABITIP®  
Pack size = 10

## ABITIP®

**M6**

Diameter	Part No.	List Ea.
Ø 0.8 mm	144.0054	£2.59
Ø 1.0 mm	144.0245	£2.59
Ø 1.2 mm	144.0382	£2.59
Ø 1.4 mm	144.0519	£2.59



ABIMIG® W  
440/540/555  
Aluminium  
Pack size = 50

**M8**

Diameter	Part No.	List Ea.
Ø 0.8 mm	141.0003	£1.35
Ø 1.0 mm	141.0008	£1.35
Ø 1.2 mm	141.0015	£1.35
Ø 1.4 mm	141.0055	£1.35
Ø 1.6 mm	141.0022	£1.35



ABIMIG® W  
440/540/555  
ABITIP®  
Pack size = 10

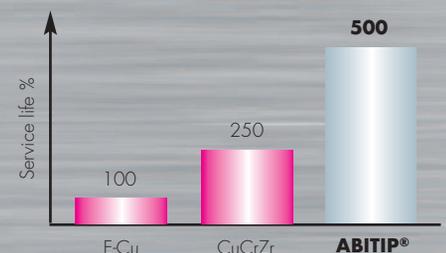
**M8**

Diameter	Part No.	List Ea.
Ø 0.8 mm	144.0117	£3.46
Ø 1.0 mm	144.0316	£3.46
Ø 1.2 mm	144.0445	£3.46
Ø 1.4 mm	144.0536	£3.46
Ø 1.6 mm	144.0590	£3.46



**CERAMIC COATING SPRAY**

Up to  
**5X**  
longer life!!!



Get even more life out of your  
**BINZEL** consumables with our  
**<< Ceramic Coating spray** (see p.39)

● Included in the standard equipment fitted to complete torches.

# ABIMIG® Handle Options

## ABIMIG® A / W

ABIMIG® A 255 / 355  
ABIMIG® W 340 / 440 / 540



ABIMIG® A / W  
Long Trigger

Type	Part No.	List Ea.
Handle (Complete)	180.0180.1	£30.48
Long Trigger	185.D118.1	£11.01



ABIMIG® A / W  
Short Trigger

Type	Part No.	List Ea.
Handle (Complete)	180.0181.1	£30.48
Short Trigger	185.0135.1	£10.27

## ABIMIG® A / W (with Up/Down module)

ABIMIG® A 255 / 355  
ABIMIG® W 340 / 440 / 540



ABIMIG® A / W  
Long Trigger

Type	Part No.	List Ea.
Handle (Complete)	180.0182.1	£39.82
Long Trigger	185.D118.1	£11.01



ABIMIG® A / W  
Short Trigger

Type	Part No.	List Ea.
Handle (Complete)	180.0183.1	£39.82
Short Trigger	185.0135.1	£10.27

## ABIMIG® A T

ABIMIG® A T 255 / 355 / 455



ABIMIG® A T  
Long Trigger

Type	Part No.	List Ea.
Handle (Complete)	180.D077.1	£24.51
Long Trigger	185.D118.1	£11.01



ABIMIG® A T  
Short Trigger

Type	Part No.	List Ea.
Handle (Complete)	180.D078.1	£24.51
Short Trigger	185.0135.1	£10.27

## ABIMIG® A T (with Up/Down module)

ABIMIG® A T 255 / 355 / 455



ABIMIG® A T  
Long Trigger

Type	Part No.	List Ea.
Handle (Complete)	180.D079.1	£48.55
Long Trigger	185.D118.1	£11.01



ABIMIG® A T  
Short Trigger

Type	Part No.	List Ea.
Handle (Complete)	180.D080.1	£48.55
Short Trigger	185.0135.1	£10.27



## Technical Data (EN 60 974-7)

-  **Air Cooled**
-  **220 Amp**  
(Mixed Gases)
-  **60%**
-  **0.8-1.2mm**

Length	Part No.	List Ea.
3 Metre	904.D010.1	£231.89
Angle	Swan Neck	
0°	Straight	004.0690.1 £61.22
45°	Bent	004.D867.1 £51.91

-  **Air Cooled**
-  **320 Amp**  
(Mixed Gases)
-  **60%**
-  **1.0-1.2mm**

Length	Part No.	List Ea.
3 Metre	914.D020.1	£185.79
Angle	Swan Neck	
0°	Straight	014.H565.1 £76.59
45°	Bent	014.H486.1 £71.85

**+** For more **neck options** and neck geometries, please go to page 18.

-  **Air Cooled**
-  **370 Amp**  
(Mixed Gases)
-  **60%**
-  **1.0-1.6mm**

Length	Part No.	List Ea.
3 Metre	916.D005.1	£208.31
Angle	Swan Neck	
0°	Straight	016GB001 £122.00
45°	Bent	016.D433.1 £115.37

**+** For more **neck options** and neck geometries, please go to page 19.

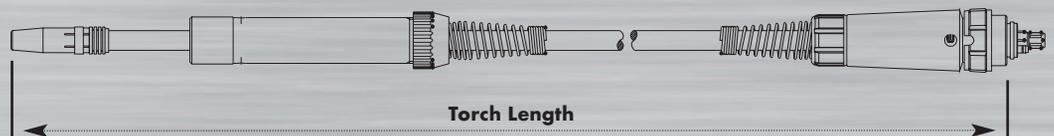


### ABIMIG® MT A T features & benefits ...

ABIMIG® torches in the MT series were developed specially for the requirements in partially mechanised welding processes and are just as robust and versatile as all ABIMIG® models. ABIMIG® MT A T torches with changeable torch necks are able to display their advantages in particular in tasks with different demands on the required neck geometries. In addition, the quick torch neck change ensures short setting up and maintenance times.

- Rotatable and exchangeable torch neck
- Robust welding torch, durable construction
- 8-fold positioning of the torch neck for optimal accessibility also for demanding seam geometries
- Reduction of set-up and repair times with quick-change torch neck

When ordering complete torches, please indicate the torch type, torch geometry (straight or bent) & torch length.



# Cooling Unit CR 1000

Light-weight & user-friendly.



## For a "cool" welding process.

- High cooling performance in a compact design is ideal for mobile use.
- International quick connectors for easy, time-saving installation.
- Integrated flow switch for the permanent monitoring of the complete cooling system for protection of the welding torch and the cooling unit - connection set included in delivery.
- Exposed tank with coolant level indicator for convenient filling and draining of the coolant.
- Overheat protection for pump and motor - for a long life.
- Low-weight and sturdy carrying handles for easy transport to the job location.
- Splash-proof fuse, main switch and louvers.

Connector for the integrated flow switch.

Quick connector NW 5 (supply)

Quick connector NW 5 (return)

Coolant tank (6.0 litres)

Coolant drain cap



Main switch & fuse (splash-proof)

CR 1000  
Water Cooler

Voltage	Part No.	List Ea.
115V	850.1002.1	£508.30
240V	850.1001.1	£508.30

Coolant level (min./max.)

## Water Test Unit



### This unit can be used for testing the following...

- Temperature & pressure of cooling liquid in the cooler circuit.
- Temperature & pressure of cooling liquid in the torch circuit.
- Coolant flow rate.
- Function point of flow guard (when installed).

Water Test Unit  
Includes 2 x 3 metre hose kits.

Part No.	List Ea.
EKD.D001	£757.05

Part Number



Type	CR 1000	CR 1250
Heat exchanger	2-row	3-row
Supply voltage	115/230 VAC / 50/60Hz	115/230 VAC / 50/60Hz
Pump 50/60 Hz	Flow rate $Q_{max}$ 7 l/min Delivery height $H_{max}$ 3.5 m	Flow rate $Q_{max}$ 7 l/min Delivery height $H_{max}$ 3.5 m
Pump pressure	3.5 bar	3.5 bar
Cooling capacity	1000 W with H <sub>2</sub> O 750 W with BTC-15 67 dB (A)	1250 W with H <sub>2</sub> O 1050 W with BTC-15 67 dB (A)
Noise level at 1 m distance		
Weight	14.9 kg	16.7 kg
Dimensions L / W / H	490 / 250 / 410 mm	690 / 250 / 340 mm
Tank capacity	6.0 litres	6.0 litres
Water connection	NW 5 (quick connector)	Nw 5 (quick connector)



Connector for the integrated flow switch.

Quick connector NW 5 (supply)

Quick connector NW 5 (return)

Coolant tank (6.0 litres)

Coolant drain cap

CR 1250  
Water Cooler

Voltage	Part No.	List Ea.
115V	850.1052.1	£573.19
240V	850.1051.1	£573.19

Coolant level (min./max.)

Main switch & fuse  
(splash-proof)



Visit our YouTube channel  
**ABICOR BINZEL** to watch the  
**BTC-20 NF** instructional video >>



We recommend you use  
**BTC Water Coolant**  
in our CR Water Coolers.  
Visit page 38.



# ABIBLUE

## Anti-Spatter-Emulsion

# BLUE, NEW, EFFECTIVE!

3

### ABIBLUE – the key benefits

- Ready-to-use compound
- Non-hazardous – no restrictions on transportation, storage or use.
- Colour indicator – optimal indication of moisture on workpieces.
- Suitable for welding and laser cutting tasks.
- Water washable.
- Ability to weld coated surfaces confirmed by an independent testing institute.
- Emulsion with long-term stability.
- Frost resistant.
- Readily biodegradable.

4

5



Visit our YouTube channel **ABICOR BINZEL** to watch the **ABIBLUE** instructional video >>



TECHNOLOGY FOR THE WELDER'S WORLD

### ABIBLUE

Anti-Spatter-Emulsion /  
Anti-Spatter-Emulsion /  
Anti-Projection-Emulsion

Antispritzmittel (gebrauchsfertig)  
Verhindert das Aufspritzen von  
Schweißspritzungen.

Anti-spatter agent (ready to use)  
Protects against spatter on workpieces.

Agent anti-projections (prêt à l'emploi)  
Empêche que les projections de  
soudures ne dégrèvent les résultats de soudage.

**Eigenschaften**

- Silikon- und wachsfrei
- Ungiftig
- Unentzündlich
- Lösungsmittelfrei
- Biologisch abbaubar
- Geruchlos
- Leicht überprüfbar
- Bildet keine persistenten Rückstände

**Verarbeitungshinweise**

Wenden Sie vor dem Schweißen oder Laserschneiden auf die zu schützenden Flächen eine dünne Schicht ABIBLUE auf. Die Schicht wird durch das Schweißen oder Laserschneiden abgetragen und bildet keine persistenten Rückstände.

**Ver Gebrauchshinweise**

Verwenden Sie vor dem Schweißen oder Laserschneiden auf die zu schützenden Flächen eine dünne Schicht ABIBLUE auf. Die Schicht wird durch das Schweißen oder Laserschneiden abgetragen und bildet keine persistenten Rückstände.

**Properties**

- Silicone- and wax-free
- Non-toxic
- Non-flammable
- Solvent-free
- Biodegradable
- Odourless
- Easily checked off
- Leaves no unwanted residues

**Instructions for use**

Apply a thin layer of the product to the workpieces to be protected before welding or laser cutting. The product is removed by the welding or laser cutting process and does not leave any persistent residues.

**Ver Gebrauchshinweise**

Verwenden Sie vor dem Schweißen oder Laserschneiden auf die zu schützenden Flächen eine dünne Schicht ABIBLUE auf. Die Schicht wird durch das Schweißen oder Laserschneiden abgetragen und bildet keine persistenten Rückstände.

Barcode: 4 201 192 0240 1

Artikel-Nr. / Code No. / Ref. No.: 201

Artikel / Name / Contenu: 201

Made in Germany

TECHNOLOGY FOR THE WELDER'S WORLD

### ABIBLUE

Anti-Spatter-Emulsion /  
Anti-Spatter-Emulsion /  
Anti-Projection-Emulsion

**Eigenschaften**

- Silikon- und wachsfrei
- Ungiftig
- Unentzündlich
- Lösungsmittelfrei
- Biologisch abbaubar
- Geruchlos
- Leicht überprüfbar
- Bildet keine persistenten Rückstände

**Verarbeitungshinweise**

Wenden Sie vor dem Schweißen oder Laserschneiden auf die zu schützenden Flächen eine dünne Schicht ABIBLUE auf. Die Schicht wird durch das Schweißen oder Laserschneiden abgetragen und bildet keine persistenten Rückstände.

**Ver Gebrauchshinweise**

Verwenden Sie vor dem Schweißen oder Laserschneiden auf die zu schützenden Flächen eine dünne Schicht ABIBLUE auf. Die Schicht wird durch das Schweißen oder Laserschneiden abgetragen und bildet keine persistenten Rückstände.

Barcode: 4 201 192 0240 1

Artikel-Nr. / Code No. / Ref. No.: 201

Artikel / Name / Contenu: 201

Made in Germany



ABIBLUE  
Anti-Spatter-Emulsion

No.	Size	Part No.	List Ea.
1	5 Litre	192.0238.1	£17.44
2	10 Litre	192.0239.1	£25.38
3	20 Litre	192.0240.1	£50.40
4	400 ml*	192.0163	£5.71
5	500 ml*	192.0254.1	£7.89
6	Tap for 10 Litre	192GBTAP-10L	£5.50
7	Tap for 20 Litre	192GBTAP	£5.50

2

1

\*Not Filled, spray can only.



6

7



#genuinebinzel

# Water Coolant & Anti-Spatter

## Water Coolant



**BTC 15/20 NF.**  
The special coolant you can rely on!

High performance liquid cooled welding torches e.g. ABIMIG® W 440, need special coolants. The BTC range ensures optimal cooling and perfect protection for the complete cooling system.

**When other coolants fail, our BTC range still continues to work.**

- For all welding & cutting equipment
- Frost resistant down to -12°C (BTC-15) & -17°C (BTC-20 NF)
- Offer outstanding protection against electro corrosion with a very low conductivity.
- Non-flammable (BTC-20 NF)
- Non-hazardous - no storage or transport restrictions.



BTC-15  
Water Coolant

Size	Part No.	List Ea.
5 Litre	192.0110	£44.36
20 Litre	192.0111	£173.04

BTC-20 NF  
Water Coolant

Size	Part No.	List Ea.
5 Litre	192.0265.1	£49.74
20 Litre	192.0267.1	£196.84
200 Litre	192.0269.1	£1575.26

## Anti-Spatter Paste 'Tip-Dip'



Anti-Spatter Paste  
'Tip-Dip'

Size	Part No.	List Ea.
300g	192.0058	£3.94

# Protective Sprays

## Ceramic Protective Spray



Visit our YouTube channel **ABICOR BINZEL** for a helpful instructional video on how to use the coating cap.



**Long-lasting protection** for the gas nozzle area, workpiece holder and workpiece. Silicon free. Extremely heat-resistant and abrasion-resistant.



Size	Part No.	List Ea.
400ml	192.0228.1	£17.10

Size	Part No.	List Ea.
	192.0256.10	£13.76



Protec®

## METALLOTION PROTEC CE15L Spray

- Protection and cleaning effect combined in one product
- Easy over-welding, no porosity, no issues with residues
- Bio Technology, silicone free
- Optimum coating results (Zinc, cathodic dip-coating, water lacquer, etc.)

PROTEC® Metallotion  
CE15L Aerosol (Filled)

Size	Part No.	List Ea.
400ml	01C.5040	£4.92

PROTEC® Metallotion  
Hand Pump Spray (Empty)

Size	Part No.	List Ea.
500ml	01C.GB01	£1.90

PROTEC® Fluids  
10 Litres

Type	Part No.	List Ea.
Metalotion CE15L	01C.GB10	£34.63
Visco Lotion CE15V	01C.7010	£83.64
Laser Lotion LC20A	02C.8010	£71.08



# Terms & Conditions

The buyer is advised to ensure that he has adequate insurance cover.

## 1. Interpretation

In these Conditions except where the context otherwise requires the following expressions have the following meanings:

"The Company" means Abicor Binzel UK Limited.

"The Buyer" means the buyer of the goods the subject of the contract to which these conditions apply.

"Goods" means and includes goods to be manufactured and/or to be supplied by the Company pursuant to the contract.

"Admix" means and includes any process in which the distinctive character or nature of the goods is lost by reason of combination with other goods or materials.

## 2. Terms and Conditions

(a) The Company enters into all agreements with the Buyer solely on the terms of these Conditions and no Conditions of Purchase or other Conditions whether of general application or otherwise of the purchaser shall be of any effect notwithstanding that the same, appear or purport to appear on any document sent by the Buyer to the Company.

(b) No addition to or variation of or exclusion of the Company's Conditions shall have effect unless the Company shall have assented thereto in writing such assent to be signed by not less than one Director of the Company.

(c) No representation or warranty, collateral or otherwise shall bind the Company unless such representation, warranty or statement shall be made in writing and signed by a Director of the Company and shall be stated to be made specifically in purchase of this Clause 2 (c) of these Conditions.

(d) Where there is any variance between any Conditions or purported Conditions of the Buyer and these Conditions, these Conditions shall prevail and acceptance of delivery of the Goods by the Buyer shall be and evidence acceptance of these Conditions.

## 3. Waiver

Any variation of waiver of these Conditions or any warranty representation or statement validly made by the Company pursuant to Clause 2 of these Conditions on any one occasion shall be binding upon the Company only for the one contract or purpose specified and shall not, unless otherwise specifically agreed in writing, affect any future contract or the applicability of these Conditions for any purpose.

## 4. Exclusion

For the purpose of these Conditions, the Company contracts on behalf of itself its servants and agents and insofar as any exclusion or limitation of liability or indemnity here in after appears, the same shall inure to the benefit not only of the Company but also of its servants and agents.

## 5. Death or Personal Injury

Where in these Conditions the Company excludes or limits its liability in respect of any loss or damage, the Company does not intend or purport thereby to exclude or limit liability for death or personal injury resulting whether wholly or (pro tan to) in part from its own negligence or that of its servants or agents and these Conditions shall take effect accordingly.

## 6. Prices

(a) The company's terms of payment are net cash, payment in full without any deduction or set off howsoever arising or allegedly arising to be made within the month following the month of the invoice.

(b) No discount, allowance or credit facility whatsoever will be given unless specifically agreed upon by the Company in writing signed by not less than one Director on behalf of the Company.

(c) The Company reserves the right in its absolute discretion to refuse to establish a credit facility for any Buyer, to refuse credit to any Buyer notwithstanding that a credit account may already have been established and to withdraw established credit facilities.

(d) Without prejudice to all and any other rights of the Company interest at 2% over the base rate for the time being adopted by the Company's Bank shall, at the discretion of the Company be payable by the Buyer from the due date for payment until payment is actually received by the Company in respect of all and any overdue payments.

(e) In the event of the Buyer failing to comply with the Company's terms of payment as to the whole or part of the Goods the subject matter of this contract or of any contract between the parties whether made before or after the date hereof, the Company reserves the right to discontinue forthwith the supply of any further Goods or Services.

(f) All costs incurred by the Company due to the Buyer's default in payment including but not limited to all legal expenses in prosecution of the Company's claim for the price of the goods shall be payable to the Buyer.

(g) All prices quoted by the Company are exclusive of Value Added Tax or any similar taxes, levies or duties, unless otherwise stated.

## 7. Delivery

(a) Any time or date stated by the Company for delivery of the Goods or part thereof is an estimate only and the Company shall not be liable in any manner whatsoever or for any loss or damage whatsoever for failure to deliver or failure to supply within such time or for any delays in delivery. For the avoidance of doubt it is hereby agreed that time is not of the essence for delivery of the Goods.

(b) The Goods shall be delivered by the Company to any address supplied in writing by the Buyer provided that from the time of the dispatch thereof from the Company's premises the risk of any loss or damage to or deterioration of the Goods howsoever arising shall be borne by the Buyer.

(c) No claim for damage or shortages will be recognised unless the Company is advised forthwith in writing and unless the Goods are weighed in bulk and not in daught loads. Upon request whether oral or in writing the Buyer shall have the Goods reweighed or re-examined by or in the presence of a servant or agent of the Company.

(d) Delivery shall be taken by the Buyer within the period (if any) named in the order and such full details as may be necessary to enable the Company to complete delivery within such period shall be supplied by the Buyer.

## 8. Storage

If for any reason the Buyer is unable or refuses to accept delivery of the Goods at the time when the Goods are due and ready for delivery the Company may, in its absolute discretion and without prejudice to all and any its other remedies hereunder, store the Goods until their actual delivery or the Company's acceptance of the Buyer's repudiation and the Buyer shall be liable to the seller for the reasonable costs (including any insurance which the company may in its absolute discretion obtain) of it so doing.

This provision shall be in addition to not in substitution of any other payment or damages for which the Buyer may become liable in respect of its failure to take delivery on the appropriate date.

## 9. Cancellation

- (a) Without prejudice to all other rights of the Company cancellation of an order by the Buyer after commencement of work on or the manufacture of the Goods comprised in the order, or after the placement by the Company of an order for the materials required to manufacture the Goods will give rise to a further claim for the expenditure on the work commenced by the Company and for the price of any materials ordered by the Company.
- (b) Any trade discount given for Goods already delivered in anticipation of further deliveries ordered shall be reduced to take into account the cancellation and the amount of such reduction shall be payable by the Buyer forthwith.

## 10. Property

- (a) The property in the Goods will pass when (and not before) all monies owing by the Buyers whether pursuant to this Contract or to any other contract between the parties (whether made before or after the date hereof) to the Company shall have been fully paid. The Buyer shall as bailee keep the Goods safely and separate from other Goods and in such a way that they are clearly the property of the Company; and shall have the power to sell the Goods in the ordinary course of its business prior to the passing of property therein to the Buyer, but only as agent and for the account of the Company unless and until all monies owing be paid; and the proceeds of such sale less such profit or mark up as the purchaser may seek on such sale to make shall be retained upon trust in a separate account in the name of the Company upon a fiduciary duty to pay the same to the Company.
- (b) Pending payment in full as aforesaid the Buyer may in the ordinary course of its business admix the Goods with other goods not the property of the Company to make other products as such agent and trustee for the Company and shall have the power to sell such other products as agent and for the account of the Company and shall retain upon trust in a separate account in the name of the Company upon a fiduciary duty to pay the same to the Company such part of the proceeds of sale thereof as may be required to satisfy the Company's claim for the price of the Goods so admixed.
- (c) The exercise by the Buyer of the power set out in sub-paragraph (b) above shall be upon and subject to the following provisions which for the avoidance of doubt are expressed and acknowledged to be Conditions precedent to the exercise of such power:
- (i) Before admixture the Buyer shall notify the Company in writing of the Goods the property of the Company to be admixed, the products to be made there from and the date of such admixture together with the value of the Company's Goods, the total value of the goods to be admixed and the sale price of the products produced from such admixture.
- (ii) The Buyer hereby undertakes to notify the Company of any subsequent variation in the Goods, the products, the dates, the value or the sale price as aforesaid forthwith upon the occurrence of such change.
- (iii) The Buyer undertakes not to oppose and to give all due assistance to the Company in the registration of such charges or bills of sale as the Company shall from time to time in its absolute discretion require to secure all and any its rights hereunder.
- (d) In the event of the Buyer going into liquidation, whether compulsory or voluntary, or committing an act of bankruptcy or being dissolved (as may be appropriate) or entering into a composition with its creditors or having a receiver appointed over it, or in the event of the Buyer failing to comply by payment in full with a repossession notice, (which shall be a notice sent by Recorded Delivery to the Buyer's last known address giving the Buyer fourteen days from the date of posting to pay the monies therein specified which shall have been already due and payable, on pain of repossession as here in after appears) the Company shall have the right upon three days notice in writing to the said address to enter any premises of or controlled by the buyer and to repossess any goods not paid for in full and/or the property of the Company threat and thereafter resell the same.
- (e) In the event of the exercise by the Company of its powers under subparagraph (d) above after the exercise by the Buyer of the power to admix under sub-paragraph (b) above the Buyer shall freely and peaceably permit the Company by its servants or agents to enter any premises of or controlled by the Buyer and to retake possession of the products produced by such admixture and to sell the same.
- (f) In the event of resale pursuant to sub-paragraph (e) above the Company shall repay to the Buyer or to its order such part of the proceeds of resale (if any) as exceeds the price of the Goods the property of the Company admixed together with any charges incurred by the Company in such resale.

## 11. Risk

Notwithstanding that property in the Goods has not passed to the Buyer the risk in the Goods shall pass to the Buyer upon the making of this contract. If the Goods are unascertained the risk shall pass on appropriation. If the Goods are to be manufactured to the order of the Buyer to risk shall pass upon the commencement of manufacture. The Buyer is therefore recommended and advised to insure the Goods from the date of making of this contract.

## 12. Conditions and Warranties

- (a) Subject to the provisions of this Clause there are no Conditions of the contract and/or the Company gives and the Buyer received no warranty whether express or implied by the Sale of Goods Act 1979 or otherwise as to correspondence with description and/or sample and/or that the Goods are fit for their purpose and/or for any purpose made know to the Company by the purchaser.
- (b) Subject to Clause 13 the Company warrants that:
- (i) The Goods comply with the description stated herein.
- (ii) The Goods are of merchantable quality.

## 13. Liability

- (a) All and any claims by the Buyer against the Company must be notified in writing to the Company within seven days of the delivery of the Goods in connection with which it is alleged the claim arises or in the case of non-delivery within seven days of the scheduled delivery date.
- (b) If no written claim is submitted in accordance with Clause 13 (a) any claim shall be deemed to be barred and absolutely waived.
- (c) In no case whatsoever the liability of the Company (whether for its own breach of contract and/or negligence and/or vicariously arising) exceed the price of the Goods sold. The Company shall not be liable in any matter whatsoever to the Buyer for any loss of profit, market or of any contract or of any other consequential loss sustained or alleged to be sustained by the Buyer.
- (d) Prior to the making of any claim the Buyer shall return the Goods allegedly defective to the Company and if accepted by the Company to be defective shall at the request of the Buyer and if practicable be replaced by the Company without charge.
- (e) In the event of replacement by the Company pursuant to sub-paragraph (d) above the Buyer shall have and hereby acknowledges that is has no further claim whatsoever against the Company.
- (f) If the goods have been modified or added to in any way after delivery to the Buyer without the Company's prior written consent then the Company accepts no liability or responsibility for any defect howsoever arising from the date of such modification or alteration.
- (g) If is expressly acknowledged and agreed by the Buyer that the limitations and/or exclusion of liability in Clauses 12 and 13 are fair and reasonable having regard to:-
- (i) The price of the Goods.
- (ii) Any special requirements of the Buyer.
- (iii) The difficulty of dealing with claims submitted a considerable time after the events allegedly giving rise to them.
- (iv) The necessity of the Buyer obtaining insurance cover for the Goods in any event.
- (v) The difficulty and expense of the Company obtaining adequate insurance cover for the Goods and any other attendant liabilities.

# Terms & Conditions

## 14. Frustration

If the supply of all or any of the Goods shall be prevented by unavailability of the Goods themselves or of any raw materials or constituent parts, any industrial action or dispute, wars, fires, floods or any natural disasters, any statutes, rules, regulations, orders or requisitions issued by any Government Department, Council or other duly constituted authority, or by any circumstances whatsoever beyond the control of the Company, the Company shall be at liberty to suspend or cancel the contract or that part thereof which is so affected without incurring and liability for any loss or damage arising there from howsoever caused, and the provisions of the Law Reform (Frustrated Contracts) Act 1943 or any statutory amendment or re-enactment thereof shall so far as is applicable apply.

## 15. Bankruptcy Etc.

In the event of the occurrence of any of the matters set out in Clause 10 (d) above and in the event of any distress or execution being levied or threatened upon any of the Buyer's property then the Company shall (without prejudice to all and any of its other rights) be entitled forthwith to withhold the delivery of any Goods to be delivered pursuant to this contract or to any other contract between the parties whether made before or after the date hereof and to terminate such agreement at its entire discretion upon giving written notice to the customer so to terminate without any liability whatsoever on its part.

## 16. Inspection & Testing

All inspection and testing of Goods required by the Buyer shall be made at the Company's premises or other place agreed to in writing by the Company. Any special test that may be required to be witnessed by the Buyer or his representatives will be made at the Company's premises or other place nominated by the Company and charges will be made for such services to be notified in writing by the Company to the Buyer prior to the date thereof. Should the Buyer or his nominated representatives fail to attend as previously agreed, the tests will proceed and will be deemed to have been carried out to the satisfaction of the Buyer.

## 17. Promotional Literature & Technical Information

(a) While the Company endeavors to ensure that the information contained in brochures, technical literature, price lists, advertising matter or similar material furnished to the Buyer is properly prepared, such information is intended solely as an indication of the Goods offered. Nothing contained therein shall be deemed as binding upon the Company by way of representation, statement or warranty whether collateral or otherwise.  
(b) No technical or other advice or information given by the Company its servants or agents whether at the request of the Buyer or otherwise shall bind the Company whether by way of representation statement or warranty collateral or otherwise howsoever. It is the Buyer's responsibility to ensure that the Goods ordered by him are suitable for his purpose.

## 18. Patent / Copyrights

(a) All drawings calculations brochures and instructive matter furnished by the Company to the Buyer in connection with this Contract are and shall remain the Company's property and must not be copied or shown to any third party except in the ordinary course of the Buyer's business without the written consent of the Company.  
(b) The purchaser shall indemnify the Company against all damages costs loss penalties claims and other matters whatsoever arising out of the infringement or alleged infringement of any patent registered design or copyright or in respect of any passing off action which may arise out of the Company carrying out work in respect of the manufacture and/or adaption of the Goods the subject matter of this contract in accordance with the requirements and/or to the Order of the Buyer.

## 19. Arbitration

All disputes arising between the Buyer and the Company as to the construction of the contract or as to any matter or thing arising out of the contract or in any way connected therewith shall be referred to the arbitration of a single arbitrator who shall be agreed, shall be appointed at the request of either party by the President of the Law Society for the time being and the parties hereby irrevocably submit to such binding arbitration.

## 20. English Law

This contract and all matters or things arising out of this contract or in any way connected therewith shall be interpreted or construed in accordance with the English Law.

## 21. Headings

All headings used in these Conditions are for ease of identification only and shall not form part of the contract nor shall they have effect in the construction thereof.



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VAT Reg No. 380167946





**THERMACUT®**  
THE CUTTING COMPANY®

■ **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 Equipment**

- Robot Torches
- MIG/TIG/Plasma
- Robot Mount System
- ATS-Rotor
- Tool Change System VVWS
- Wire Cutting Station DAV
- Torch Cleaning Station
- BRS-LC, BRS-CC and BRS-FP
- Wire Feeding Station MFS-V2

■ **Welding Accessories**

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

■ **Plasma Cutting Consumables**

- Replacement consumables suitable for: -
- HYPERTHERM®
  - ESAB®
  - KJELLBERG®
  - THERMAL DYNAMICS®

■ **Oxy Fuel Consumables**

■ **Laser Cutting Consumables**

- Replacement consumables suitable for: -
- TRUMPF®
  - BYSTRONIC®
  - AMADA®
  - MAZAK®
  - LVD®
  - PRECITEC®
  - SALVAGNINI®
  - PRIMA POWER®
  - MITSUBISHI®
  - BALLIU®
  - BEHRENS®
  - LASAG®

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