



MAKE WORK
LIFE EASIER



INTELLIGENT
TORCH SOLUTIONS

ARC M SERIES



A Passion for Technology & Innovation

To produce hand tools that reach the pinnacle of performance, durability and functionality you have to be passionate about what you do.

At Arc Torchology the research and development department is the beating heart of our company.

Every single component is conceived, developed, manufactured and tested in-house.

Our development and testing activities are loaded with cutting edge technologies, many of which have been developed specifically by us to meet the very stringent demands we place on our design solutions.

These specialized, bespoke solutions allow us to develop products that surpass the prerequisite of industry standards, inventing increasingly more beneficial products that deliver maximum results for the operator.

FEATURING NEW TECHNOLOGIES



BI FLOW-2
TECHNOLOGY



NRS
TECHNOLOGY



SIC
TECHNOLOGY



OSW
TECHNOLOGY

| **This is not business as usual.**

find out more arctorchology.com

Contents

Arc M Range Overview and Ratings	2
Torch Range	
M1	8
M18	10
M2	12
M22	14
M2M	16
M22M	18
M3	20
M4	22
M5	24
M6	26
M4W	28
M5W	30
M55W	32
M65W/M65WS	34
M65WLP	36
M65WFC <i>New</i>	38
M5WM	40
M55WM	42
Wear Parts	
Industrial Series	46
High Performance Series	48

AIR-COOLED

Arc M Industrial Mig Series



MAKE WORK
LIFE EASIER

TECHNICAL SPECIFICATIONS

M1 IEC/EN 60974-7

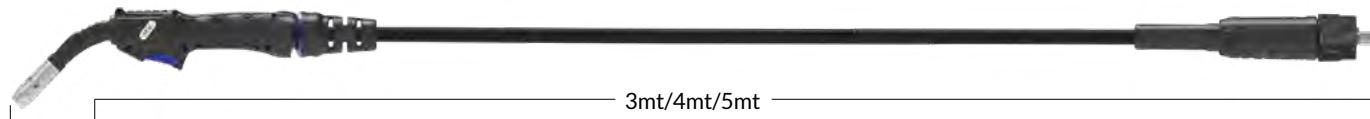
Cooling Method	Air-Cooled
Rating:	CO ₂ 180A
	Mixed Gas M21 150A
Duty Cycle	60%
Wire Size	0.6-1.0mm



3mt/4mt/5mt

M18 IEC/EN 60974-7

Cooling Method	Air-Cooled
Rating:	CO ₂ 210A
	Mixed Gas M21 180A
Duty Cycle	60%
Wire Size	0.6-1.0mm



3mt/4mt/5mt

M2 / M2M Multijust IEC/EN 60974-7

Cooling Method	Air-Cooled
Rating:	CO ₂ 230A
	Mixed Gas M21 200A
Pulse	110A
Duty Cycle	60%
Wire Size	0.8-1.2mm



3mt/4mt/5mt

M22 / M22M Multijust IEC/EN 60974-7

Cooling Method	Air-Cooled
Rating:	CO ₂ 250A
	Mixed Gas M21 220A
Pulse	120A
Duty Cycle	60%
Wire Size	0.8-1.2mm



3mt/4mt/5mt

AIR-COOLED

Arc M High Performance Mig Series



MAKE WORK
LIFE EASIER

M3 IEC/EN 60974-7

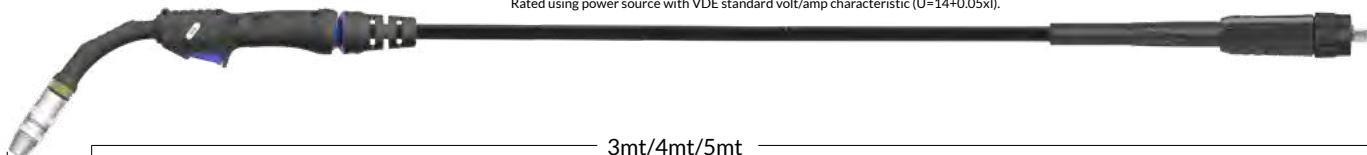
Cooling Method	Air-Cooled	Max. Load
CO ₂	300A	10.5KW
Rating: Mixed Gas M21	270A	8.9KW
Duty Cycle	60%	
Wire Size	0.9-1.2mm	

Standard: EN 50078

Cooling Method	Air-Cooled
CO ₂	340A
Rating: Mixed Gas M21	325A
Duty Cycle	60%
Wire Size	0.9-1.2mm



Rated using power source with VDE standard volt/amp characteristic (U=14+0.05xI).



3mt/4mt/5mt

M4 IEC/EN 60974-7

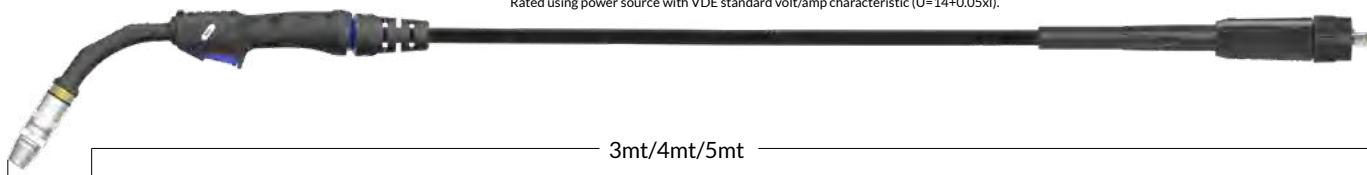
Cooling Method	Air-Cooled	Max. Load
CO ₂	350A	14.1KW
Rating: Mixed Gas M21	320A	11.4KW
Duty Cycle	60%	
Wire Size	0.9-1.2mm	

Standard: EN 50078

Cooling Method	Air-Cooled
CO ₂	410A
Rating: Mixed Gas M21	380A
Duty Cycle	60%
Wire Size	0.9-1.2mm



Rated using power source with VDE standard volt/amp characteristic (U=14+0.05xI).



3mt/4mt/5mt

M5 IEC/EN 60974-7

Cooling Method	Air-Cooled	Max. Load
CO ₂	390A	14.6KW
Rating: Mixed Gas M21	360A	12.2KW
Duty Cycle	60%	
Wire Size	0.8-1.6mm	

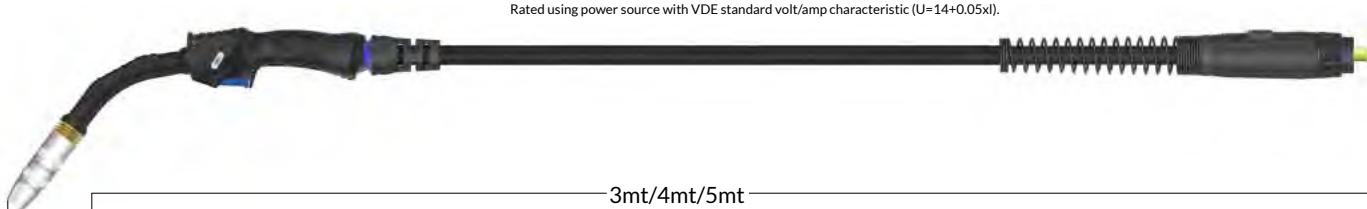
Standard: EN 50078

Cooling Method	Air-Cooled
CO ₂	420A
Rating: Mixed Gas M21	375A
Duty Cycle	60%
Wire Size	0.8-1.6mm



M5 Video

Rated using power source with VDE standard volt/amp characteristic (U=14+0.05xI).



3mt/4mt/5mt

M6 IEC/EN 60974-7

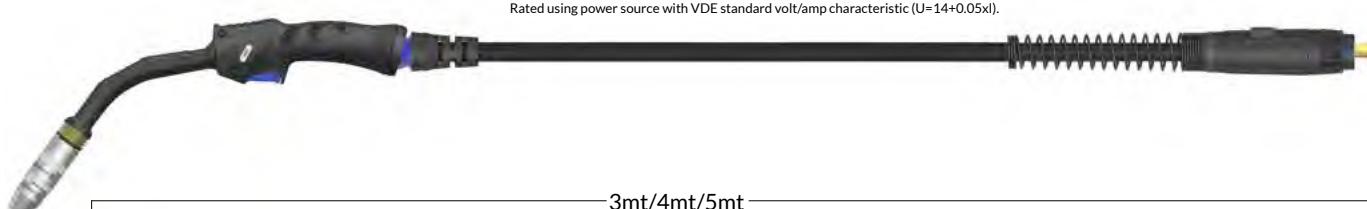
Cooling Method	Air-Cooled	Max. Load
CO ₂	430A	17.6KW
Rating: Mixed Gas M21	400A	14.8KW
Duty Cycle	60%	
Wire Size	0.8-2.0mm	

Standard: EN 50078

Cooling Method	Air-Cooled
CO ₂	470A
Rating: Mixed Gas M21	420A
Duty Cycle	60%
Wire Size	0.8-2.0mm



Rated using power source with VDE standard volt/amp characteristic (U=14+0.05xI).



3mt/4mt/5mt

The design, manufacturing and quality systems of Arc Torchology are certified by **BVQI** in accordance with EN/ISO 9001:2015

ARCTORCHOLOGY.COM

LIQUID-COOLED

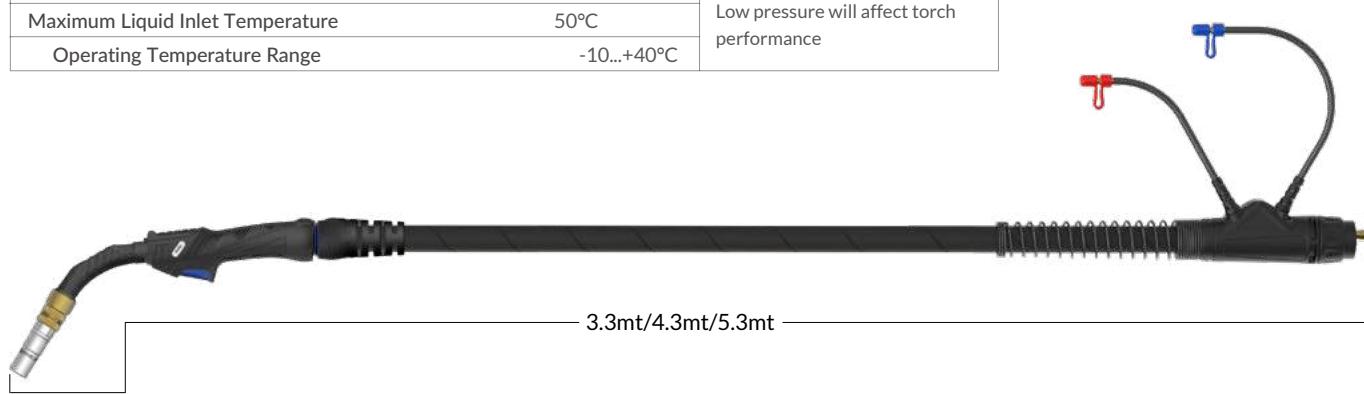
Arc M High Performance Mig Series

M4W IEC/EN 60974-7

Cooling Method	Liquid-Cooled			
	Cooler Rating	Max. A	Pulse	Max. Load
Rating: CO ₂	1000W	400A	-	15.4KW
Rating: Mixed Gas M21	1000W	350A	300A	12.8KW
Duty Cycle		100%	100%	
	Filler Wires	Fe, Fe-MC / FC		0.9-1.6mm
Wire Size	Filler Wires	Ss, Ss-MC / FC		0.9-1.6mm
	Filler Wires	AI		1.0-1.6mm
Minimum Liquid Flow Rate	1.5 l/min			
Minimum Liquid Inlet Pressure	2.5 Bar			
Maximum Liquid Inlet Pressure	5.0 Bar			
Maximum Liquid Inlet Temperature	50°C			
Operating Temperature Range	-10...+40°C			



MAKE WORK
LIFE EASIER

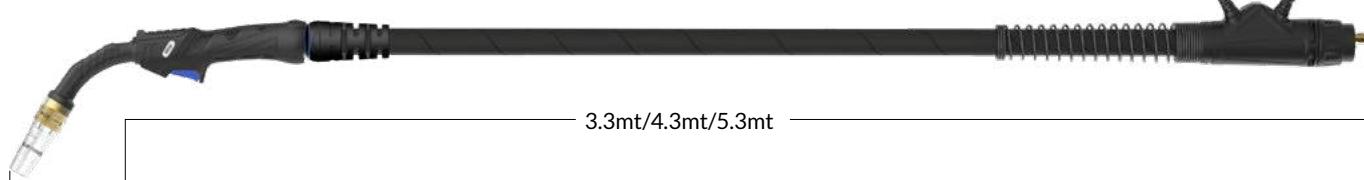


M5W / M5WM Multijust IEC/EN 60974-7

Cooling Method	Liquid-Cooled			
	Cooler Rating	Max. A	Pulse	Max. Load
Rating: CO ₂	1600W	560A	-	24KW
	1200W	540A	-	22KW
	1000W	510A	-	20KW
Rating: Mixed Gas M21	1600W	540A	380A	22KW
	1200W	520A	350A	21KW
	1000W	500A	340A	19.5KW
Duty Cycle		100%	100%	
	Filler Wires	Fe, Fe-MC / FC		0.8-1.6mm
Wire Size	Filler Wires	Ss, Ss-MC / FC		0.8-1.6mm
	Filler Wires	AI		1.0-1.6mm
Minimum Liquid Flow Rate	1.5 l/min			
Minimum Liquid Inlet Pressure	2.5 Bar			
Maximum Liquid Inlet Pressure	5.0 Bar			
Maximum Liquid Inlet Temperature	50°C			
Operating Temperature Range	-10...+40°C			



Multijust



LIQUID-COOLED

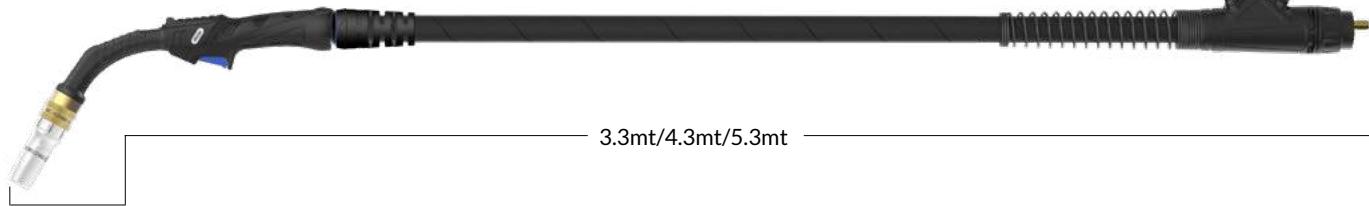
Arc M High Performance Mig Series



MAKE WORK
LIFE EASIER

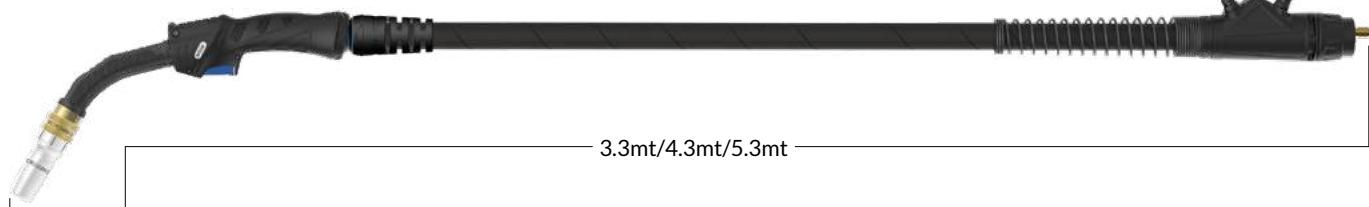
M55W / M55WM Multijust IEC/EN 60974-7

Cooling Method	Liquid-Cooled			
	Cooler Rating	Max. A	Pulse	Max. Load
Rating: CO ₂	1600W	580A	-	25KW
	1200W	550A	-	23KW
	1000W	520A	-	21KW
Rating: Mixed Gas M21	1600W	560A	400A	23KW
	1200W	530A	360A	21.5KW
	1000W	510A	350A	20KW
Duty Cycle		100%	100%	
Wire Size	Filler Wires	Fe, Fe-MC / FC		0.8-2.0mm
	Filler Wires	Ss, Ss-MC / FC		0.8-1.6mm
	Filler Wires	Al		1.0-2.0mm
Minimum Liquid Flow Rate	1.5 l/min			Important: Please note minimum inlet pressure and flow rate. Low pressure will affect torch performance
Minimum Liquid Inlet Pressure	2.5 Bar			
Maximum Liquid Inlet Pressure	5.0 Bar			
Maximum Liquid Inlet Temperature	50°C			
Operating Temperature Range	-10...+40°C			



M65W IEC/EN 60974-7

Cooling Method	Liquid-Cooled			
	Cooler Rating	Max. A	Pulse	Max. Load
Rating: CO ₂	1600W	580A	-	25KW
	1200W	550A	-	23KW
	1000W	520A	-	21KW
Rating: Mixed Gas M21	1600W	560A	400A	23KW
	1200W	530A	360A	21.5KW
	1000W	510A	350A	20KW
Duty Cycle		100%	100%	
Wire Size	Filler Wires	Fe, Fe-MC / FC		0.8-2.0mm
	Filler Wires	Ss, Ss-MC / FC		0.8-1.6mm
	Filler Wires	Al		1.0-2.0mm
Minimum Liquid Flow Rate	1.5 l/min			Important: Please note minimum inlet pressure and flow rate. Low pressure will affect torch performance
Minimum Liquid Inlet Pressure	2.5 Bar			
Maximum Liquid Inlet Pressure	5.0 Bar			
Maximum Liquid Inlet Temperature	50°C			
Operating Temperature Range	-10...+40°C			



LIQUID-COOLED

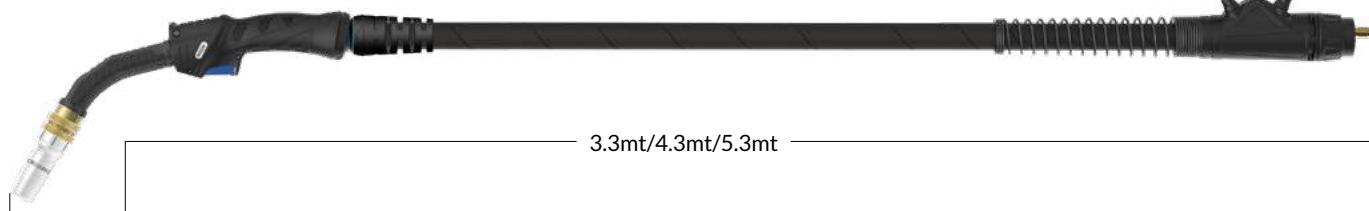
Arc M High Performance Mig Series



MAKE WORK
LIFE EASIER

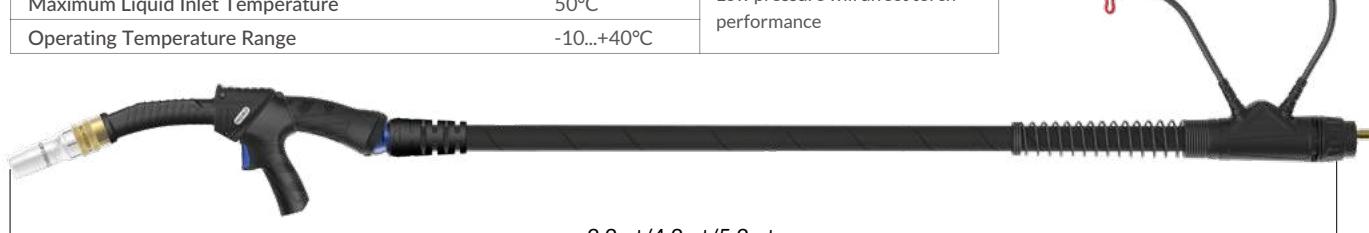
M65WS IEC/EN 60974-7

Cooling Method	Liquid-Cooled			
	Cooler Rating	Max. A	Pulse	Max. Load
Rating: CO ₂	1600W	580A	-	25KW
	1200W	550A	-	23KW
	1000W	520A	-	21KW
Rating: Mixed Gas M21	1600W	560A	400A	23KW
	1200W	530A	360A	21.5KW
	1000W	510A	350A	20KW
Duty Cycle		100%	100%	
Wire Size	Filler Wires	Fe, Fe-MC / FC	0.8-2.0mm	
	Filler Wires	Ss, Ss-MC / FC	0.8-1.6mm	
	Filler Wires	AI	1.0-2.0mm	
Minimum Liquid Flow Rate	1.5 l/min	Important: Please note minimum inlet pressure and flow rate. Low pressure will affect torch performance		
Minimum Liquid Inlet Pressure	2.5 Bar			
Maximum Liquid Inlet Pressure	5.0 Bar			
Maximum Liquid Inlet Temperature	50°C			
Operating Temperature Range	-10...+40°C			



M65WLP IEC/EN 60974-7

Cooling Method	Liquid-Cooled			
	Cooler Rating	Max. A	Pulse	Max. Load
Rating: CO ₂	1600W	590A	-	26KW
	1200W	560A	-	24KW
	1000W	530A	-	22KW
Rating: Mixed Gas M21	1600W	570A	420A	24KW
	1200W	530A	380A	22KW
	1000W	500A	360A	19.5KW
Duty Cycle		100%	100%	
Wire Size	Filler Wires	Fe, Fe-MC / FC	0.8-2.0mm	
	Filler Wires	Ss, Ss-MC / FC	0.8-1.6mm	
	Filler Wires	AI	1.0-2.0mm	
Minimum Liquid Flow Rate	1.5 l/min	Important: Please note minimum inlet pressure and flow rate. Low pressure will affect torch performance		
Minimum Liquid Inlet Pressure	2.5 Bar			
Maximum Liquid Inlet Pressure	5.0 Bar			
Maximum Liquid Inlet Temperature	50°C			
Operating Temperature Range	-10...+40°C			



LIQUID-COOLED

Arc M High Performance Mig Series



MAKE WORK
LIFE EASIER

M65WFC IEC/EN 60974-7

Cooling Method	Liquid-Cooled			
	Cooler Rating	Max. A	Pulse	Max. Load
Rating: CO ₂	1600W	590A	-	26KW
	1200W	560A	-	24KW
	1000W	530A	-	22KW
Rating: Mixed Gas M21	1600W	570A	420A	24KW
	1200W	530A	380A	22KW
	1000W	500A	360A	19.5KW
Duty Cycle		100%	100%	
	Filler Wires	Fe-FC, MC		1.2-2.4mm
Wire Size	Filler Wires	Ss-FC, MC		1.2-2.4mm
Minimum Liquid Flow Rate	1.5 l/min	Important: Please note minimum inlet pressure and flow rate. Low pressure will affect torch performance		
Minimum Liquid Inlet Pressure	2.5 Bar			
Maximum Liquid Inlet Pressure	5.0 Bar			
Maximum Liquid Inlet Temperature	50°C			
Operating Temperature Range	-10...+40°C			



M1 Air-Cooled Mig Welding Torch

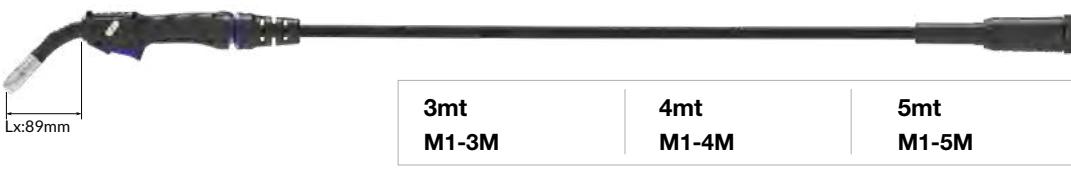
Ratings:	180A CO ₂ , 150A mixed gas M21, EN60974-7 @ 60% duty cycle. 0.6mm-1.0mm wires
----------	---

The Arc M1 is the same size as an MB15 yet 20% lighter.



ARC M INDUSTRIAL MIG TORCH PACKAGES

M1 Torches are supplied with a Euro termination as standard and are supplied 'ready to weld' with all wear parts fitted.



Wear Parts

A Nozzles

Part Number	Description	Bore	Wall	Material
•AM1CN	Conical Nozzle Assembly	12mm	1.0mm	Copper
AM1TN	Tapered Nozzle Assembly	10.6mm	1.0mm	Copper

B Contact Tips

Part Number	Description	Size (mm)	Wire Size (mm-inch)	Material
AM1CT06	Contact Tip	M6*25.0	0.6 - 0.023	Copper
•AM1CT08	Contact Tip	M6*25.0	0.8 - 0.030	Copper
AM1CT09	Contact Tip	M6*25.0	0.9 - 0.035	Copper
AM1CT10	Contact Tip	M6*25.0	1.0 - 0.040	Copper
AM1CT12	Contact Tip	M6*25.0	1.2 - 0.045	Copper
AM1CT08A	Contact Tip	M6*25.0	0.8 - 0.030	Copper
AM1CT10A	Contact Tip	M6*25.0	1.0 - 0.040	Copper
AM1CT12A	Contact Tip	M6*25.0	1.2 - 0.045	Copper

D Liners

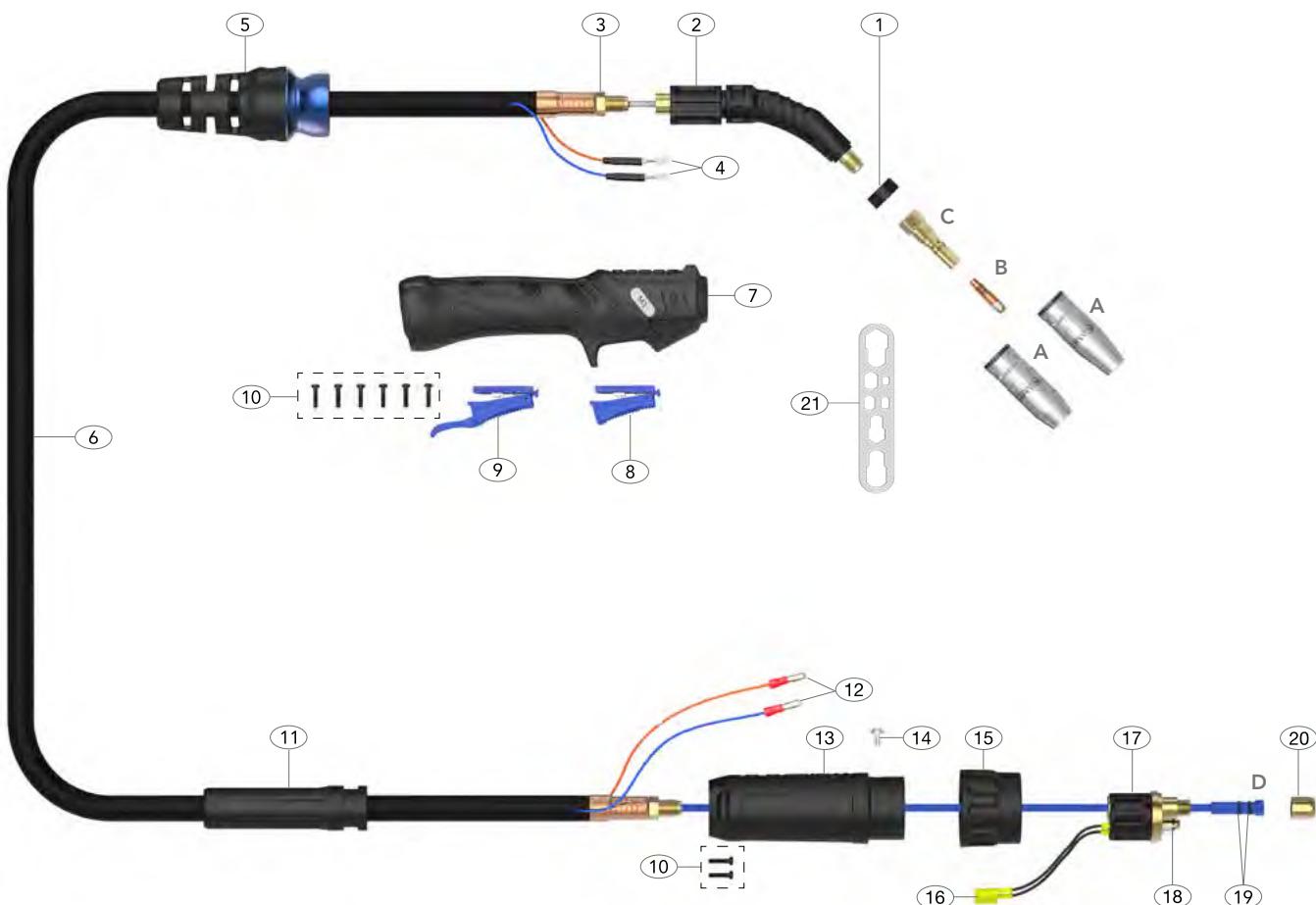
Part Number	Description	Wire Size
•AM1535-30	Steel Liner x 3mt	0.6-0.9mm
•AM1535-40	Steel Liner x 4mt	0.6-0.9mm
•AM1535-50	Steel Liner x 5mt	0.6-0.9mm

For alternate liner options please refer to page 46

C Tip Adaptors

Part Number	Description	Material
•AM1TA	Tip Adaptor	Brass

• Denotes torch package standard wear part set-up



Spare Parts

Part Number	Description	Part Number	Description
1 AM1AP	Neck Insulator	17 AM1528	Hybrid Gun Plug Body c/w Spring Pins
2 AM1001	Swan Neck Assembly	18 AM1524	Gun Plug 'O' Ring
3 AM1505	Lock Nut	19 AMLOR	Liner 'O' Ring
4 AM1521	Cable Terminal	20 AM1826	Liner Retaining Nut
5 AM1514	Handle Cable Support c/w Ball Joint	21 AMWS	Wear Parts Spanner
6 AM1517-30	Ultraflex Cable Assembly x 3mt		
AM1517-40	Ultraflex Cable Assembly x 4mt		
AM1517-50	Ultraflex Cable Assembly x 5mt		
7 AM2514	Handle Kit		
8 AM2516	Microswitch Standard Trigger		
9 AM2516L	Microswitch Extended Trigger		
10 AMSP1-1	Screw Pack		
11 AM2841	Cable Support		
12 AM1522	Cable Terminal Male		
13 AM2578/S	Gun Plug Housing		
14 AML1541	Gun Plug Screw		
15 AMC1519/S	Gun Plug Nut		
16 AM1523	Gun Plug Terminal Female		

Welding with Soft Wires

For welding with Aluminum wires use a Combi-liner (page 46). Optimum installation is achieved when using the Combi-liner set-up kit.

Optional Extra

AMCLST-KITS Combi-Liner Set-up kit (See Page 58)



Always follow the correct liner installation procedure

Liner Set-up Guide

M18 Air-Cooled Mig Welding Torch

Ratings:	210A CO ₂ , 180A mixed gas M21, EN60974-7 @ 60% duty cycle. 0.6mm-1.0mm wires
----------	---

The same footprint as an M1 with improved power rating.
Ideal for 0.8mm hard wires and semi-industrial environments.



ARC M INDUSTRIAL MIG TORCH PACKAGES

M18 Torches are supplied with a Euro termination as standard and are supplied 'ready to weld' with all wear parts fitted.

	3mt M18-3M	4mt M18-4M	5mt M18-5M
--	-----------------------------	-----------------------------	-----------------------------



Wear Parts

A Nozzles

Part Number	Description	Bore	Wall	Material
•AM18CN	Conical Nozzle Assembly	14mm	1.5mm	Copper
AM18TN	Tapered Nozzle Assembly	12mm	1.5mm	Copper

D Liners

Part Number	Description	Wire Size
•AM1535-30	Steel Liner x 3mt	0.6-0.9mm
•AM1535-40	Steel Liner x 4mt	0.6-0.9mm
•AM1535-50	Steel Liner x 5mt	0.6-0.9mm

For alternate liner options please refer to page 46

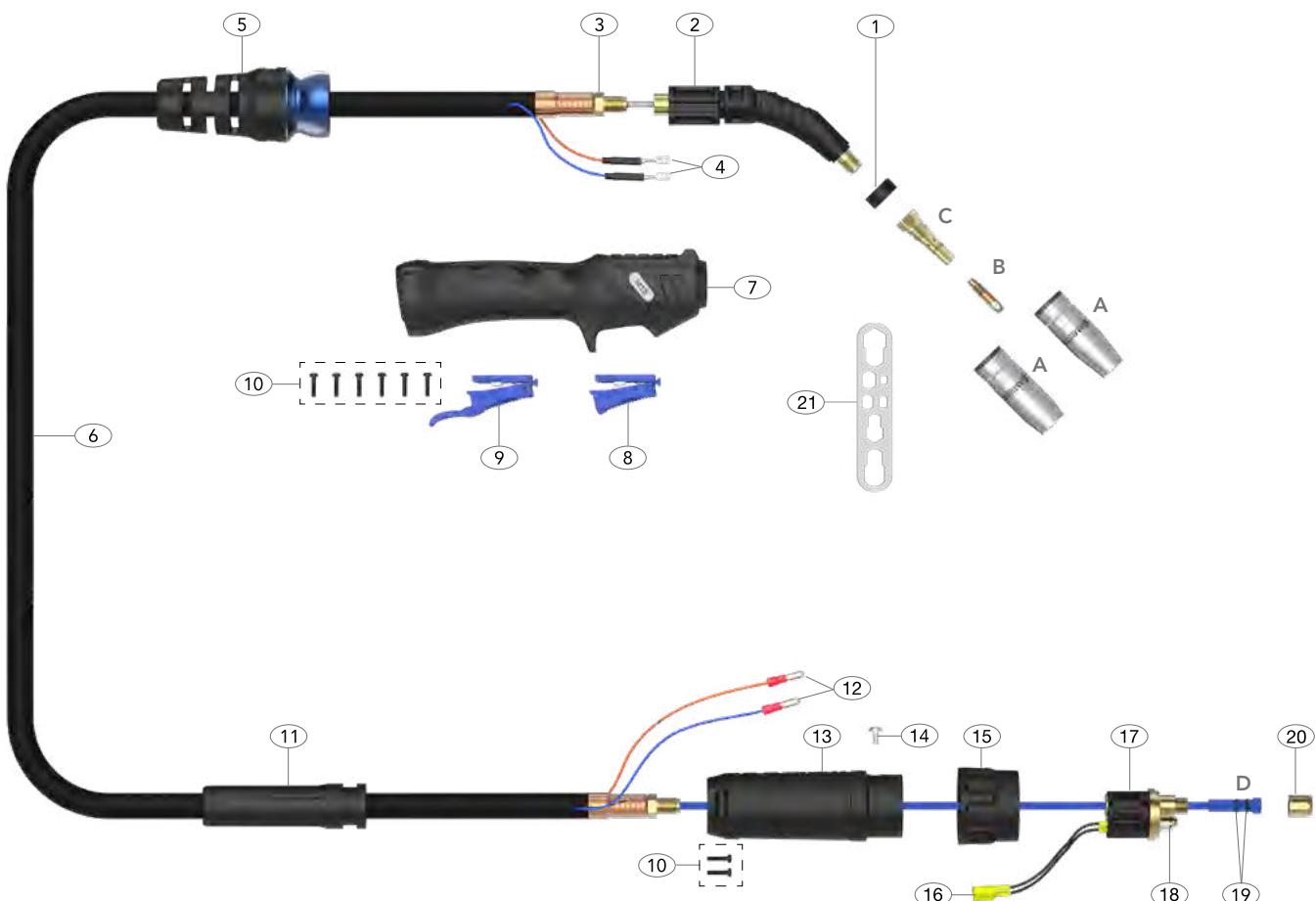
B Contact Tips

Part Number	Description	Size (mm)	Wire Size (mm-inch)	Material
AM1CT06	Contact Tip	M6*25.0	0.6 - 0.023	Copper
•AM1CT08	Contact Tip	M6*25.0	0.8 - 0.030	Copper
AM1CT09	Contact Tip	M6*25.0	0.9 - 0.035	Copper
AM1CT10	Contact Tip	M6*25.0	1.0 - 0.040	Copper
AM1CT12	Contact Tip	M6*25.0	1.2 - 0.045	Copper
AM1CT08A	Contact Tip	M6*25.0	0.8 - 0.030	Copper
AM1CT10A	Contact Tip	M6*25.0	1.0 - 0.040	Copper
AM1CT12A	Contact Tip	M6*25.0	1.2 - 0.045	Copper

C Tip Adaptors

Part Number	Description	Material
•AM18TA	Tip Adaptor	Brass

• Denotes torch package standard wear part set-up



Spare Parts

Part Number	Description	Part Number	Description
1 AM18AP	Neck Insulator	17 AM1528	Hybrid Gun Plug Body c/w Spring Pins
2 AM18001	Swan Neck Assembly	18 AM1524	Gun Plug 'O' Ring
3 AM1505	Lock Nut	19 AMLOR	Liner 'O' Ring
4 AM1521	Cable Terminal	20 AM1826	Liner Retaining Nut
5 AM1514	Handle Cable Support c/w Ball Joint	21 AMWS	Wear Parts Spanner
6 AM1817-30	Ultraflex Cable Assembly x 3mt		
AM1817-40	Ultraflex Cable Assembly x 4mt		
AM1817-50	Ultraflex Cable Assembly x 5mt		
7 AM2514	Handle Kit		
8 AM2516	Microswitch Standard Trigger		
9 AM2516L	Microswitch Extended Trigger		
10 AMSP1-1	Screw Pack		
11 AM2841	Cable Support		
12 AM1522	Cable Terminal Male		
13 AM2578/S	Gun Plug Housing		
14 AML1541	Gun Plug Screw		
15 AMC1519/S	Gun Plug Nut		
16 AM1523	Gun Plug Terminal Female		

Welding with Soft Wires

For welding with Aluminum wires use a Combi-liner (page 46). Optimum installation is achieved when using the Combi-liner set-up kit.

Optional Extra

AMCLST-KITS Combi-Liner Set-up kit (See Page 58)



Always follow the correct liner installation procedure

Liner Set-up Guide

M2 Air-Cooled Mig Welding Torch

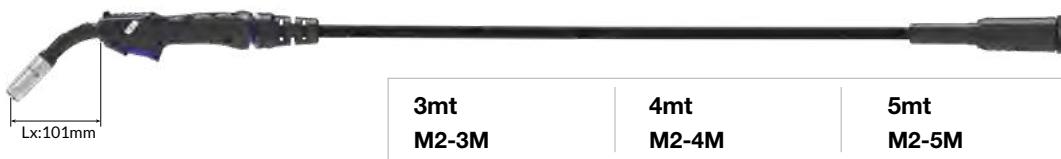
Ratings:	230A CO ₂ , 200A mixed gas M21, 110A pulse. EN60974-7 @ 60% duty cycle. 0.8mm-1.2mm wires
----------	---

The Arc M2 is the same size as an MB25 yet 20% lighter.
Ideal for 0.8-1.0mm hard wires and industrial environments.



ARC M INDUSTRIAL MIG TORCH PACKAGES

M2 Torches are supplied with a Euro termination as standard and are supplied 'ready to weld' with all wear parts fitted.



Wear Parts

A Nozzles

Part Number	Description	Bore	Wall	Material
•AM2CN	Conical Nozzle Assembly	15mm	1.9mm	Copper
AM2TN	Tapered Nozzle Assembly	12mm	1.9mm	Copper

D Liners

Part Number	Description	Wire Size
•AM2524-30	Steel Liner x 3mt	1.0-1.2mm
•AM2524-40	Steel Liner x 4mt	1.0-1.2mm
•AM2524-50	Steel Liner x 5mt	1.0-1.2mm

For alternate liner options please refer to page 46

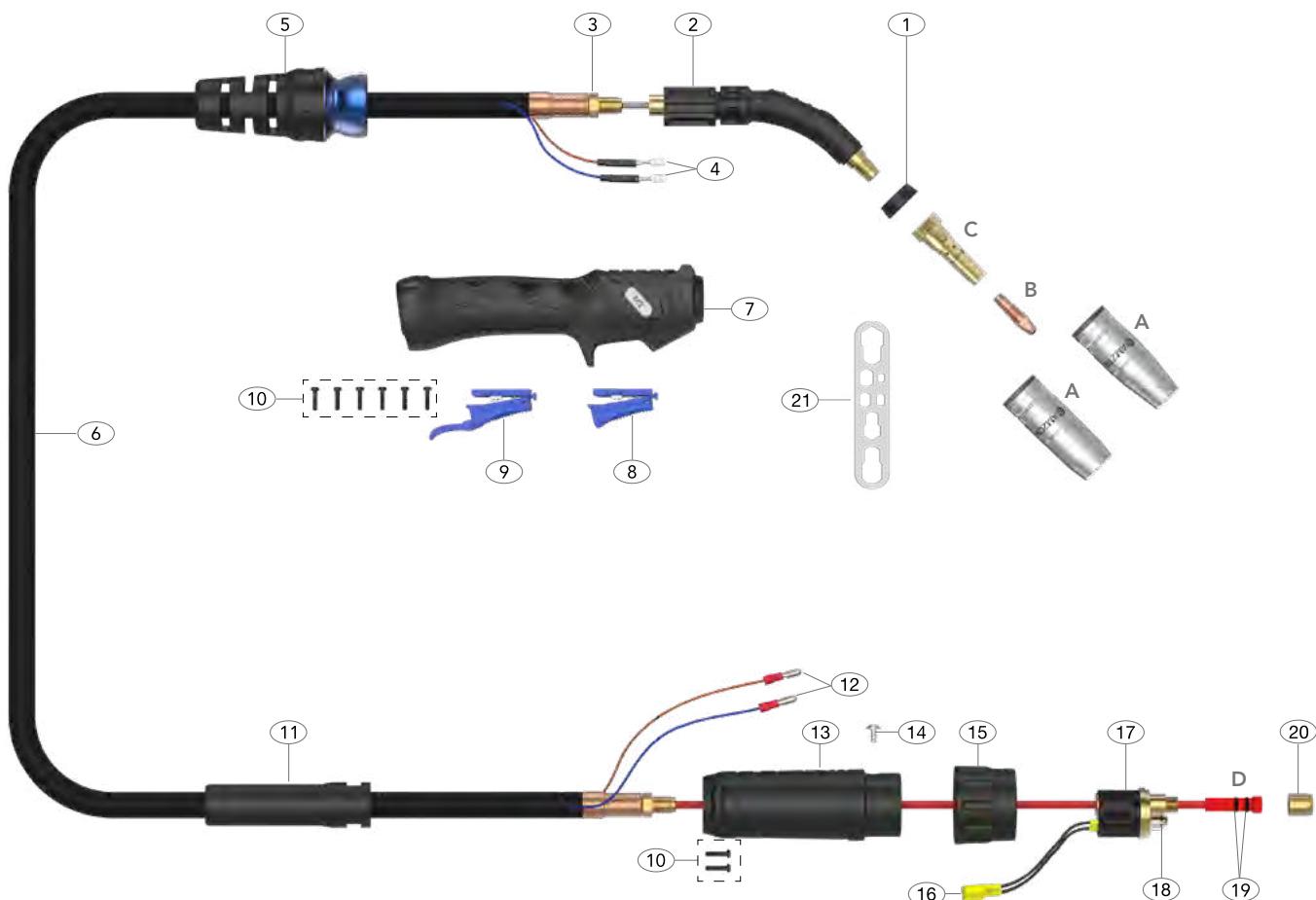
B Contact Tips

Part Number	Description	Size (mm)	Wire Size (mm-Inch)	Material
AM2CT08	Contact Tip	M8*29.5	0.8 - 0.030	Copper
AM2CT09	Contact Tip	M8*29.5	0.9 - 0.035	Copper
•AM2CT10	Contact Tip	M8*29.5	1.0 - 0.040	Copper
AM2CT12	Contact Tip	M8*29.5	1.2 - 0.045	Copper
AM2CT08A	Contact Tip	M8*29.5	0.8 - 0.030	Copper
AM2CT10A	Contact Tip	M8*29.5	1.0 - 0.040	Copper
AM2CT12A	Contact Tip	M8*29.5	1.2 - 0.045	Copper

C Tip Adaptors

Part Number	Description	Material
•AM2TA	Tip Adaptor	Brass

• Denotes torch package standard wear part set-up



Spare Parts

Part Number	Description	Part Number	Description
1 AM2AP	Neck Insulator	17 AM1528	Hybrid Gun Plug Body c/w Spring Pins
2 AM2001	Swan Neck Assembly	18 AM1524	Gun Plug 'O' Ring
3 AM1505	Lock Nut	19 AMLOR	Liner 'O' Ring
4 AM1521	Cable Terminal	20 AM1826	Liner Retaining Nut
5 AM1514	Handle Cable Support c/w Ball Joint	21 AMWS	Wear Parts Spanner
6 AM2503-30	Ultraflex Cable Assembly x 3mt		
AM2503-40	Ultraflex Cable Assembly x 4mt		
AM2503-50	Ultraflex Cable Assembly x 5mt		
7 AM2514	Handle Kit		
8 AM2516	Microswitch Standard Trigger		
9 AM2516L	Microswitch Extended Trigger		
10 AMSP1-1	Screw Pack		
11 AM2841	Cable Support		
12 AM1522	Cable Terminal Male		
13 AM2578/S	Gun Plug Housing		
14 AML1541	Gun Plug Screw		
15 AMC1519/S	Gun Plug Nut		
16 AM1523	Gun Plug Terminal Female		

Welding with Soft Wires

For welding with Aluminum wires use a Combi-liner (page 46). Optimum installation is achieved when using the Combi-liner set-up kit.

Optional Extra

AMCLST-KITS Combi-Liner Set-up kit (See Page 58)



Always follow the correct liner installation procedure

Liner Set-up Guide

M22 Air-Cooled Mig Welding Torch

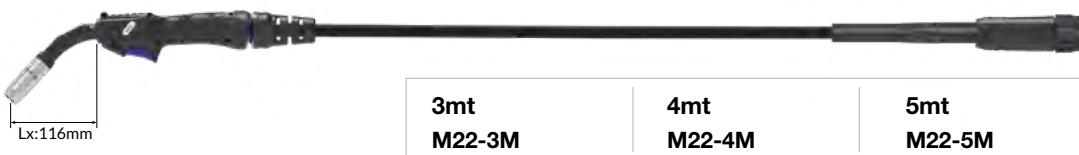
Ratings:	250A CO ₂ , 220A mixed gas M21, 120A pulse. EN60974-7 @ 60% duty cycle. 0.8mm-1.2mm wires
----------	---

The Arc M22 is the same size as an MB24 yet 20% lighter.
A great all-round Industrial torch for high duty 200 Amp solid wires and low duty Pulse Mig Aluminium applications.



ARC M INDUSTRIAL MIG TORCH PACKAGES

M22 Torches are supplied with a Euro termination as standard and are supplied 'ready to weld' with all wear parts fitted.



Wear Parts

A Nozzles

Part Number	Description	Bore	Wall	Material
•AM22CN	Conical Nozzle Assembly	16mm	1.75mm	Copper
AM22CNHD	Conical Nozzle HD Assembly	16mm	2.00mm	Copper
AM22TN	Tapered Nozzle Assembly	14mm	1.75mm	Copper

D Liners

Part Number	Description	Wire Size
•AM2524-30	Steel Liner x 3mt	1.0-1.2mm
•AM2524-40	Steel Liner x 4mt	1.0-1.2mm
•AM2524-50	Steel Liner x 5mt	1.0-1.2mm

For alternate liner options please refer to page 46

B Contact Tips

Part Number	Description	Size (mm)	Wire Size (mm-inch)	Material
AM2CT08	Contact Tip	M8*29.5	0.8 - 0.030	Copper
AM2CT09	Contact Tip	M8*29.5	0.9 - 0.035	Copper
•AM2CT10	Contact Tip	M8*29.5	1.0 - 0.040	Copper
AM2CT12	Contact Tip	M8*29.5	1.2 - 0.045	Copper
AM2CT08A	Contact Tip	M8*29.5	0.8 - 0.030	Copper
AM2CT10A	Contact Tip	M8*29.5	1.0 - 0.040	Copper
AM2CT12A	Contact Tip	M8*29.5	1.2 - 0.045	Copper

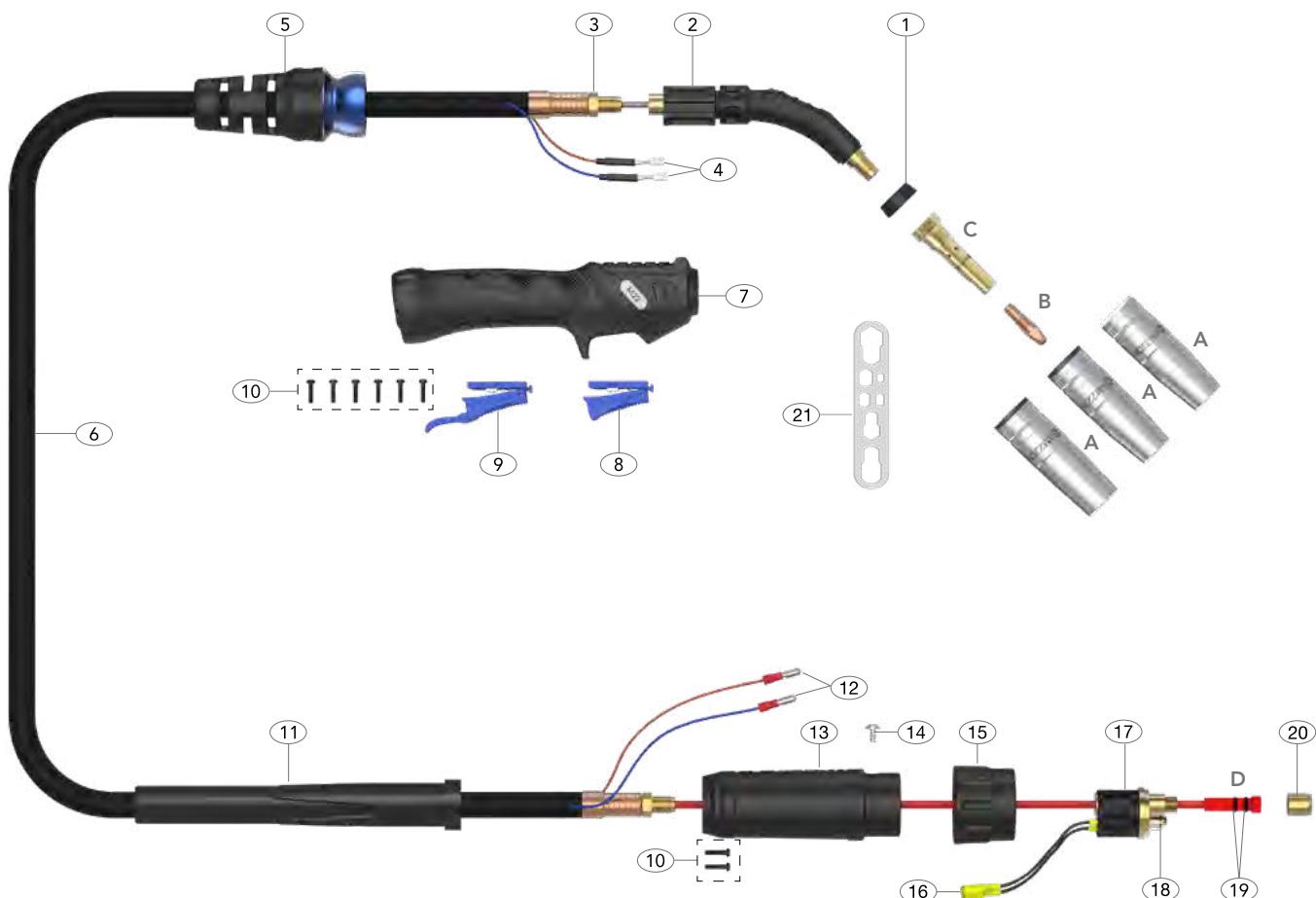
Arc Conical HD Nozzle

Ideal for High Amperage and Pulse Welding

C Tip Adaptors

Part Number	Description	Material
•AM22TA	Tip Adaptor	Brass

• Denotes torch package standard wear part set-up



Spare Parts

Part Number	Description	Part Number	Description
1 AM2AP	Neck Insulator	17 AM1528	Hybrid Gun Plug Body c/w Spring Pins
2 AM22001	Swan Neck Assembly	18 AM1524	Gun Plug 'O' Ring
3 AM1505	Lock Nut	19 AMLOR	Liner 'O' Ring
4 AM1521	Cable Terminal	20 AM1826	Liner Retaining Nut
5 AM1514	Handle Cable Support c/w Ball Joint	21 AMWS	Wear Parts Spanner
6 AM2603-30	Ultraflex Cable Assembly x 3mt		
AM2603-40	Ultraflex Cable Assembly x 4mt		
AM2603-50	Ultraflex Cable Assembly x 5mt		
7 AM2514	Handle Kit		
8 AM2516	Microswitch Standard Trigger		
9 AM2516L	Microswitch Extended Trigger		
10 AMSP1-1	Screw Pack		
11 AMPA3541	Cable Support		
12 AM1522	Cable Terminal Male		
13 AM2578/L	Gun Plug Housing		
14 AML1541	Gun Plug Screw		
15 AMC1519/S	Gun Plug Nut		
16 AM1523	Gun Plug Terminal Female		

Welding with Soft Wires

For welding with Aluminum wires use a Combi-liner (page 46). Optimum installation is achieved when using the Combi-liner set-up kit.

Optional Extra

AMCLST-KITS Combi-Liner Set-up kit (See Page 58)



Always follow the correct liner installation procedure

Liner Set-up Guide

M2M Air-Cooled Mig Welding Torch - Multijust

Ratings:	230A CO ₂ , 200A mixed gas M21, 110A pulse. EN60974-7 @ 60% duty cycle. 0.8mm-1.2mm wires
----------	---

The Arc M2M is ideal for 0.8-1.0mm hard wires and industrial environments.
Fitted with a longer neck with 360° rotation, and an extended trigger as standard.
Perfect for perfect for multiple positions in difficult to reach areas.



ARC M INDUSTRIAL MIG TORCH PACKAGES - MULTIJUST

M2M Multijust Torches are supplied with a Euro termination as standard and are supplied 'ready to weld' with all wear parts fitted.



Wear Parts

A Nozzles

Part Number	Description	Bore	Wall	Material
•AM2CN	Conical Nozzle Assembly	15mm	1.9mm	Copper
AM2TN	Tapered Nozzle Assembly	12mm	1.9mm	Copper

B Contact Tips

Part Number	Description	Size (mm)	Wire Size (mm-inch)	Material
AM2CT08	Contact Tip	M8*29.5	0.8 - 0.030	Copper
AM2CT09	Contact Tip	M8*29.5	0.9 - 0.035	Copper
•AM2CT10	Contact Tip	M8*29.5	1.0 - 0.040	Copper
AM2CT12	Contact Tip	M8*29.5	1.2 - 0.045	Copper
AM2CT08A	Contact Tip	M8*29.5	0.8 - 0.030	Copper
AM2CT10A	Contact Tip	M8*29.5	1.0 - 0.040	Copper
AM2CT12A	Contact Tip	M8*29.5	1.2 - 0.045	Copper

D Liners

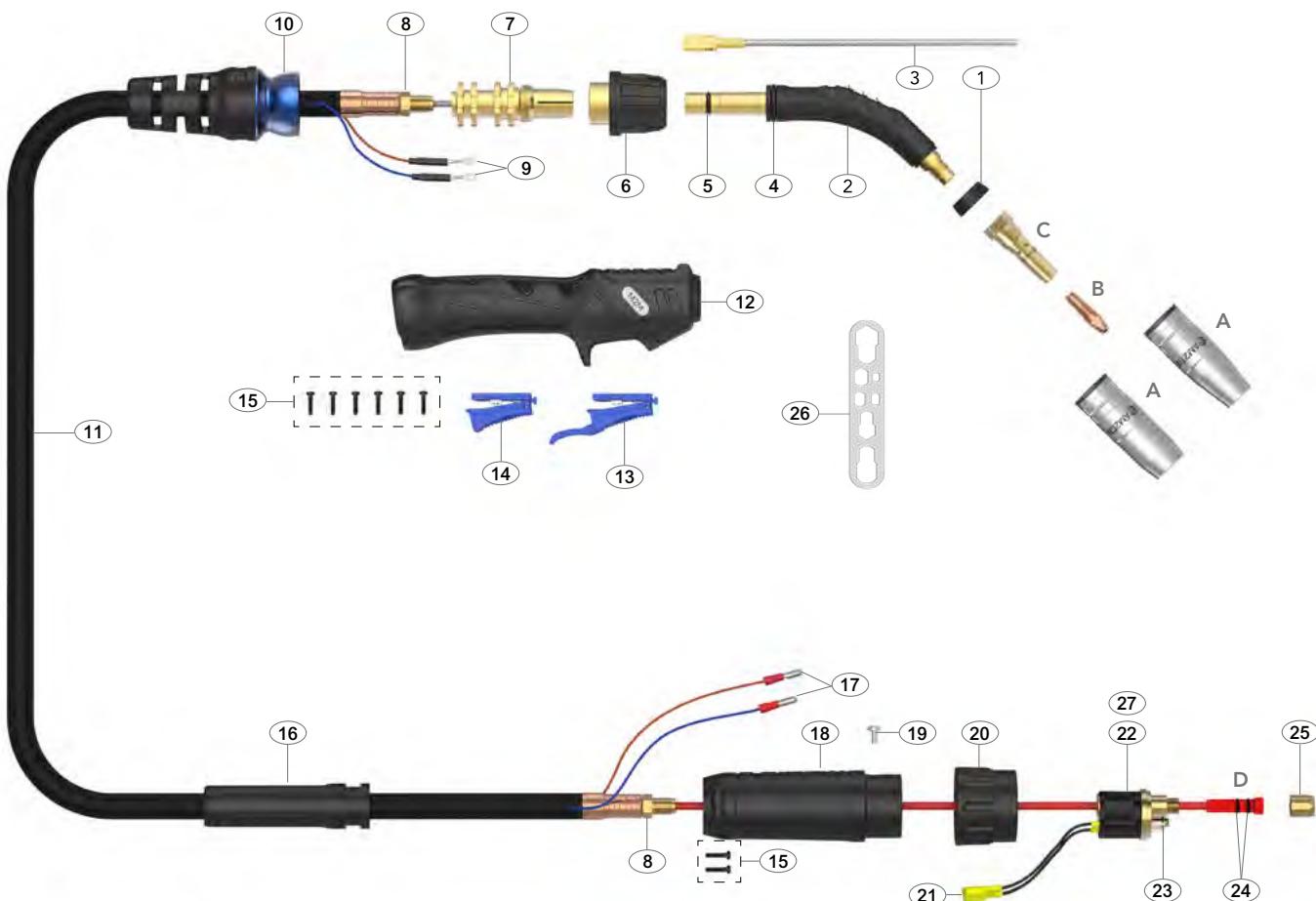
Part Number	Description	Wire Size
•AM2524-30	Steel Liner x 3mt	1.0-1.2mm
•AM2524-40	Steel Liner x 4mt	1.0-1.2mm
•AM2524-50	Steel Liner x 5mt	1.0-1.2mm

For alternate liner options please refer to page 46

C Tip Adaptors

Part Number	Description	Material
•AM2TA	Tip Adaptor	Brass

• Denotes torch package standard wear part set-up



Spare Parts

Part Number	Description
1	AM2AP
2	AM2001M
3	AM2MJL
4	AM-MJ1509
5	AM-MJ1508
6	AM1516M
7	AM1515M
8	AM1505
9	AM1521
10	AM1514
11	AM2503-30 AM2503-40 AM2503-50
12	AM2514
*13	AM2516L
14	AM2516
15	AMSP1-1
16	AM2841
17	AM1522
18	AM2578/S
19	AML1541
20	AMC1519/S
21	AM1523

Part Number	Description
22	AM1528
23	AM1524
24	AMLOR
25	AM1826
26	AMWS

Welding with Soft Wires

For welding with Aluminum wires use a Combi-liner (page 46).
Optimum installation is achieved when using the Combi-liner set-up kit.

Optional Extra

AMCLST-KITS Combi-Liner Set-up kit (See Page 58)

* Extended trigger fitted as standard

M22M Air-Cooled Mig Welding Torch - Multijust

Ratings:	250A CO ₂ , 220A mixed gas M21, 120A pulse. EN60974-7 @ 60% duty cycle. 0.8mm-1.2mm wires
----------	---

A great all-round Industrial torch for high duty 200 Amp solid wires and low duty Pulse Mig Aluminium applications.
Fitted with a longer neck with 360° rotation, and an extended trigger as standard.
Perfect for perfect for multiple positions in difficult to reach areas.

ARC M INDUSTRIAL MIG TORCH PACKAGES - MULTIJUST

M22M Multijust Torches are supplied with a Euro termination as standard and are supplied 'ready to weld' with all wear parts fitted.



Wear Parts

A Nozzles

Part Number	Description	Bore	Wall	Material
•AM22CN	Conical Nozzle Assembly	16mm	1.75mm	Copper
AM22CNHD	Conical Nozzle HD Assembly	16mm	2.00mm	Copper
AM22TN	Tapered Nozzle Assembly	14mm	1.75mm	Copper

D Liners

Part Number	Description	Wire Size
•AM2524-30	Steel Liner x 3mt	1.0-1.2mm
•AM2524-40	Steel Liner x 4mt	1.0-1.2mm
•AM2524-50	Steel Liner x 5mt	1.0-1.2mm

For alternate liner options please refer to page 46

B Contact Tips

Part Number	Description	Size (mm)	Wire Size (mm-inch)	Material
AM2CT08	Contact Tip	M8*29.5	0.8 - 0.030	Copper
AM2CT09	Contact Tip	M8*29.5	0.9 - 0.035	Copper
•AM2CT10	Contact Tip	M8*29.5	1.0 - 0.040	Copper
AM2CT12	Contact Tip	M8*29.5	1.2 - 0.045	Copper
AM2CT08A	Contact Tip	M8*29.5	0.8 - 0.030	Copper
AM2CT10A	Contact Tip	M8*29.5	1.0 - 0.040	Copper
AM2CT12A	Contact Tip	M8*29.5	1.2 - 0.045	Copper

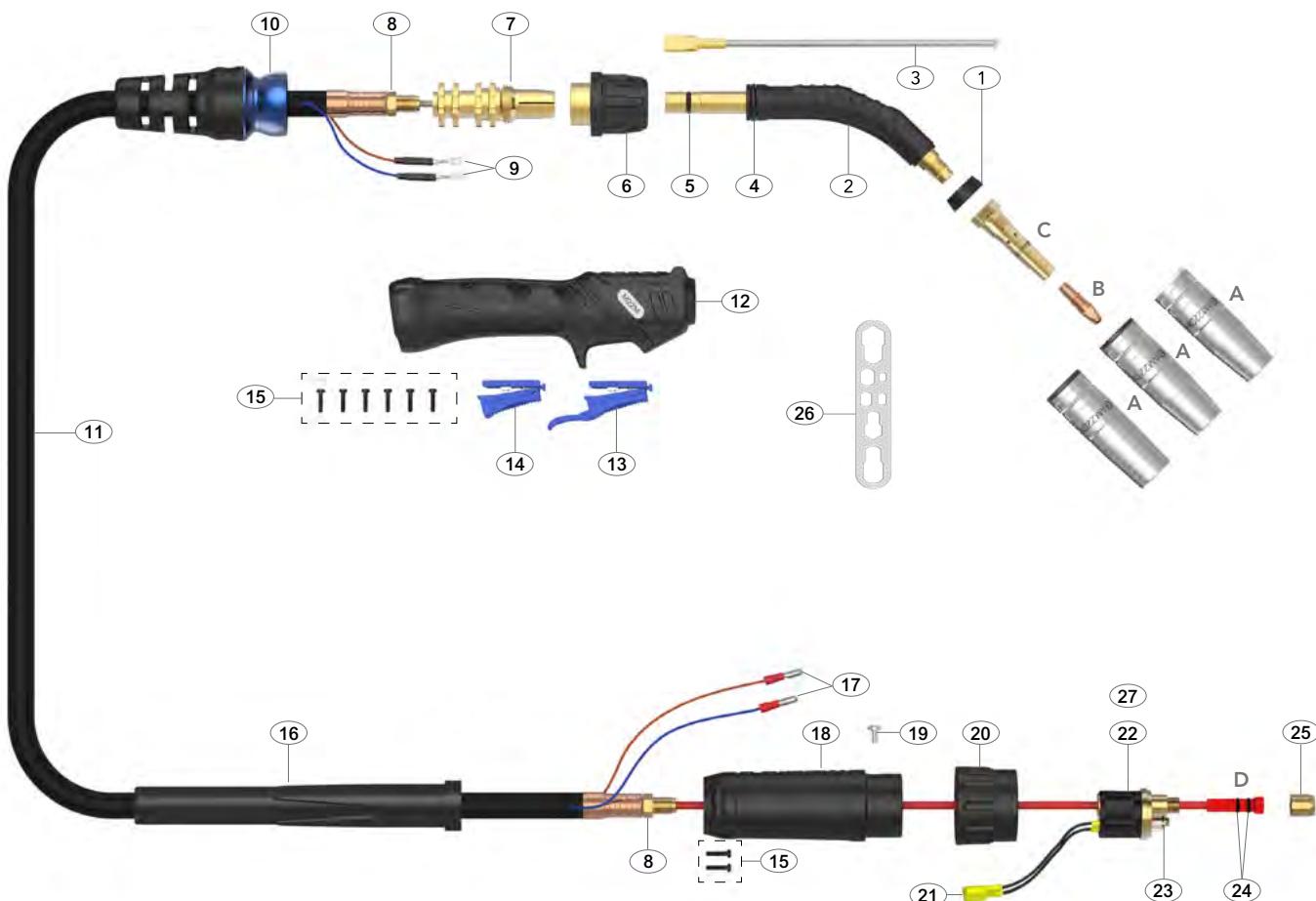
Arc Conical HD Nozzle

Recommended for High Amperage and Pulse Welding

C Tip Adaptors

Part Number	Description	Material
•AM22TA	Tip Adaptor	Brass

• Denotes torch package standard wear part set-up



Spare Parts

Part Number	Description	Part Number	Description
1 AM2AP	Neck Insulator	22 AM1528	Hybrid Gun Plug Body c/w Spring Pins
2 AM22001M	Swan Neck Assembly - Multijust	23 AM1524	Gun Plug 'O' Ring
3 AM22MUL	Neck Jump Liner 0.8-1.2mm - Hard Wire	24 AMLOR	Liner 'O' Ring
4 AM-MJ1509	Neck 'O' Ring($\varnothing 14 \times 0.25$)	25 AM1826	Liner Retaining Nut
5 AM-MJ1508	Neck 'O' Ring($\varnothing 8.5 \times 0.15$)	26 AMWS	Wear Parts Spanner
6 AM1516M	Neck Nut - Multijust		
7 AM1515M	Socket Connection		
8 AM1505	Lock Nut		
9 AM1521	Cable Terminal		
10 AM1514	Handle Cable Support c/w Ball Joint		
11 AM2603-30	Ultraflex Cable Assembly x 3mt		
AM2603-40	Ultraflex Cable Assembly x 4mt		
AM2603-50	Ultraflex Cable Assembly x 5mt		
12 AM2514	Handle Kit		
*13 AM2516L	Microswitch Extended Trigger		
14 AM2516	Microswitch Standard Trigger		
15 AMSP1-1	Screw Pack		
16 AMPA3541	Cable Support		
17 AM1522	Cable Terminal Male		
18 AM2578/L	Gun Plug Housing		
19 AML1541	Gun Plug Screw		
20 AMC1519/S	Gun Plug Nut		
21 AM1523	Gun Plug Terminal Female		

* Extended trigger fitted as standard

M3 Air-Cooled Mig Welding Torch

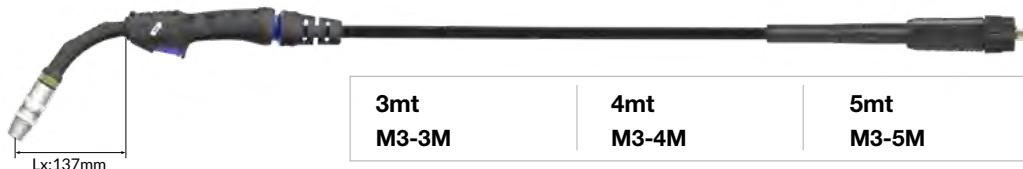
Ratings:	300A CO ₂ , 270A mixed gas M21, EN60974-7 @ 60% duty cycle. 0.9mm-1.2mm wires
----------	---

The Arc M3 is a true 300 Amp Torch which outperforms all Binzel® MB36 derivatives and is ideal for 1.2mm production work.



ARC M HIGH PERFORMANCE MIG TORCH PACKAGES

M3 Torches are supplied with a Euro termination as standard and are supplied 'ready to weld' with all wear parts fitted.



Wear Parts

Nozzles - 2 Piece

Part Number	Description	Bore	Wall	Material	
A	AM3HDTN	Tapered Nozzle (Part 2)	12mm	3mm	Copper
•	AM3HDCN	Conical Nozzle (Part 2)	14mm	3mm	Copper
	AM3HDCYN	Cylindrical Nozzle (Part 2)	19mm	3mm	Copper
A1	• AM3HDNI	Nozzle Insulator(Part 1)			Copper

Nozzles - Single Piece

A2	AM3TN	Tapered Nozzle / Insulator Assy	12mm	2.25mm	Copper
	AM3CN	Conical Nozzle / Insulator Assy	14mm	2.25mm	Copper
	AM3CYN	Cylindrical Nozzle / Insulator Assy	19mm	2.25mm	Copper

B Contact Tips

Part Number	Description	Size (mm)	Wire Size (mm-inch)	Material
Standard Series				
AM5CT09	Contact Tip	M8*29.5	0.9-0.035	CuCrZr
AM5CT10	Contact Tip	M8*29.5	1.0-0.040	CuCrZr
• AM5CT12	Contact Tip	M8*29.5	1.2-0.045	CuCrZr
A Series				
AM5CT10A	Contact Tip	M8*29.5	1.0-0.040	CuCrZr
AM5CT12A	Contact Tip	M8*29.5	1.2-0.045	CuCrZr
AM2CT10A	Contact Tip	M8*29.5	1.0-0.040	Copper
AM2CT12A	Contact Tip	M8*29.5	1.2-0.045	Copper

C Tip Adaptors

Part Number	Description	Material
• AM3TAB	Tip Adaptor	Brass
AM3TAC	Tip Adaptor High Performance	CuCrZr

D Liners

Part Number	Description	Wire Size
• AM2524-30	Steel Liner x 3mt	1.0-1.2mm
• AM2524-40	Steel Liner x 4mt	1.0-1.2mm
• AM2524-50	Steel Liner x 5mt	1.0-1.2mm
AM1535-30	Steel Liner x 3mt	0.6-0.9mm
AM1535-40	Steel Liner x 4mt	0.6-0.9mm
AM1535-50	Steel Liner x 5mt	0.6-0.9mm

• Denotes torch package standard wear part set-up

SuperSoft -20 Premium Power Cables

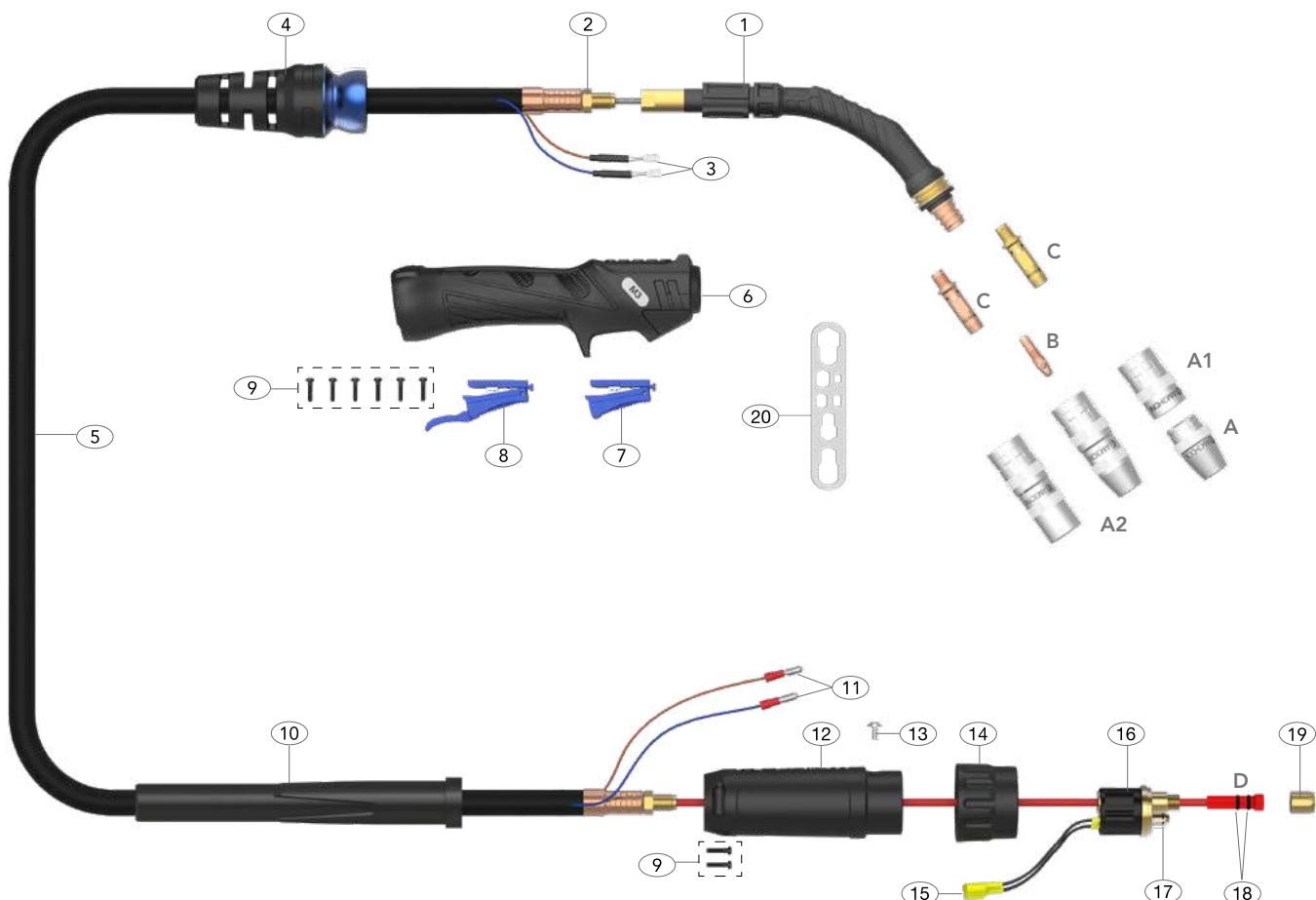
Perfect for extreme subzero working conditions

® All Trademarks are the property of their respective owners and usage is for cross reference only

HIGH PERFORMANCE SERIES



MAKE WORK
LIFE EASIER



Spare Parts

Part Number	Description	Part Number	Description
1 AM3001	Swan Neck Assembly	16 AM1528	Hybrid Gun Plug Body c/w Spring Pins
2 AM1505	Lock Nut	17 AM1524	Gun Plug 'O' Ring
3 AM1521	Cable Terminal	18 AMLOR	Liner 'O' Ring
4 AM1514	Handle Cable Support c/w Ball Joint	19 AM1826	Liner Retaining Nut
5 AM3003CW-30	Power Cable Assembly x 3mt	20 AMWS	Wear Parts Spanner
AM3003CW-40	Power Cable Assembly x 4mt		
AM3003CW-50	Power Cable Assembly x 5mt		
6 AM2514	Handle Kit		
7 AM2516	Microswitch Standard Trigger		
8 AM2516L	Microswitch Extended Trigger		
9 AMSP1-1	Screw Pack		
10 AMPA3541	Cable Support		
11 AM1522	Cable Terminal Male		
12 AM2578/L	Gun Plug Housing		
13 AML1541	Gun Plug Screw		
14 AMC1519	Gun Plug Nut		
15 AM1523	Gun Plug Terminal Female		

Welding with Soft Wires

For welding with Aluminum wires use a Combi-liner (page 57).
Optimum installation is achieved when using the Combi-liner set-up kit.

Optional Extra

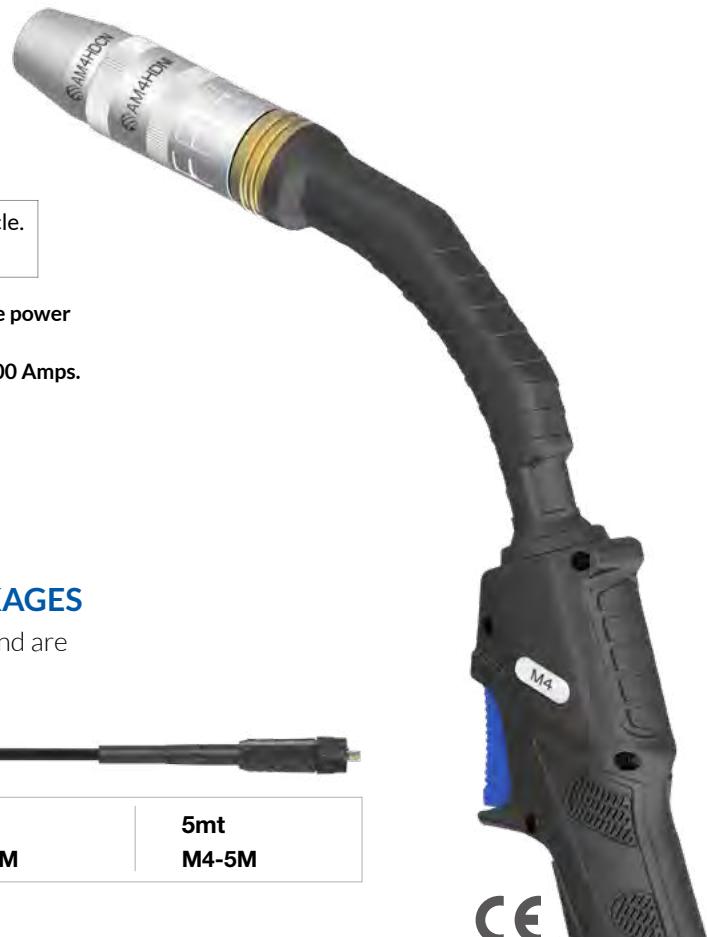
AMCLST-KITS Combi-Liner Set-up kit (See Page 58)

M4 Air-Cooled Mig Welding Torch

Ratings:	350A CO ₂ , 320A mixed gas M21, EN60974-7 @ 60% duty cycle. 0.9mm-1.2mm wires
----------	---

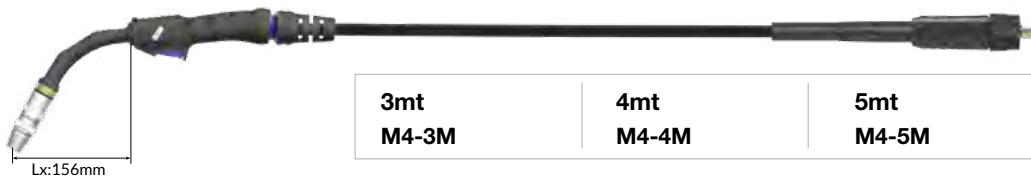
The Arc M4 performance is superior to the Binzel® MB36 and delivers more power than an MB38.

An all-day production torch in solid wire and pulse Mig applications over 300 Amps.



ARC M HIGH PERFORMANCE MIG TORCH PACKAGES

M4 Torches are supplied with a Euro termination as standard and are supplied 'ready to weld' with all wear parts fitted.



Wear Parts

Nozzles - 2 Piece

Part Number	Description	Bore	Wall	Material
A AM4HDTN	Tapered Nozzle (Part 2)	13mm	3mm	Copper
•AM4HDCN	Conical Nozzle (Part 2)	15mm	3mm	Copper
AM4HDCYN	Cylindrical Nozzle (Part 2)	21mm	3mm	Copper
A1•AM4HDNI	Nozzle Insulator (Part 1)			Copper

Nozzles - Single Piece

A2 AM4TN	Tapered Nozzle / Insulator Assy	13mm	2.25mm	Copper
AM4CN	Conical Nozzle / Insulator Assy	15mm	2.25mm	Copper
AM4CYN	Cylindrical Nozzle / Insulator Assy	21mm	2.25mm	Copper

B Contact Tips

Part Number	Description	Size (mm)	Wire Size (mm-inch)	Material
Standard Series				
AM6WCT09	Contact Tip	M10*35.5	0.9 - 0.035	CuCrZr
AM6WCT10	Contact Tip	M10*35.5	1.0 - 0.040	CuCrZr
•AM6WCT12	Contact Tip	M10*35.5	1.2 - 0.045	CuCrZr
A Series				
AM6WCT10A	Contact Tip	M10*35.5	1.0 - 0.040	CuCrZr
AM6WCT12A	Contact Tip	M10*35.5	1.2 - 0.045	CuCrZr
AMC6WCT10A	Contact Tip	M10*35.5	1.0 - 0.040	Copper
AMC6WCT12A	Contact Tip	M10*35.5	1.2 - 0.045	Copper

® All Trademarks are the property of their respective owners and usage is for cross reference only

C Tip Adaptors

Part Number	Description	Material
•AM4TAB	Tip Adaptor	Brass
AM4TAC	Tip Adaptor High Performance	CuCrZr

D Liners

Part Number	Description	Wire Size
•AM2524-30	Steel Liner x 3mt	1.0-1.2mm
•AM2524-40	Steel Liner x 4mt	1.0-1.2mm
•AM2524-50	Steel Liner x 5mt	1.0-1.2mm
AM1535-30	Steel Liner x 3mt	0.6-0.9mm
AM1535-40	Steel Liner x 4mt	0.6-0.9mm
AM1535-50	Steel Liner x 5mt	0.6-0.9mm

• Denotes torch package standard wear part set-up

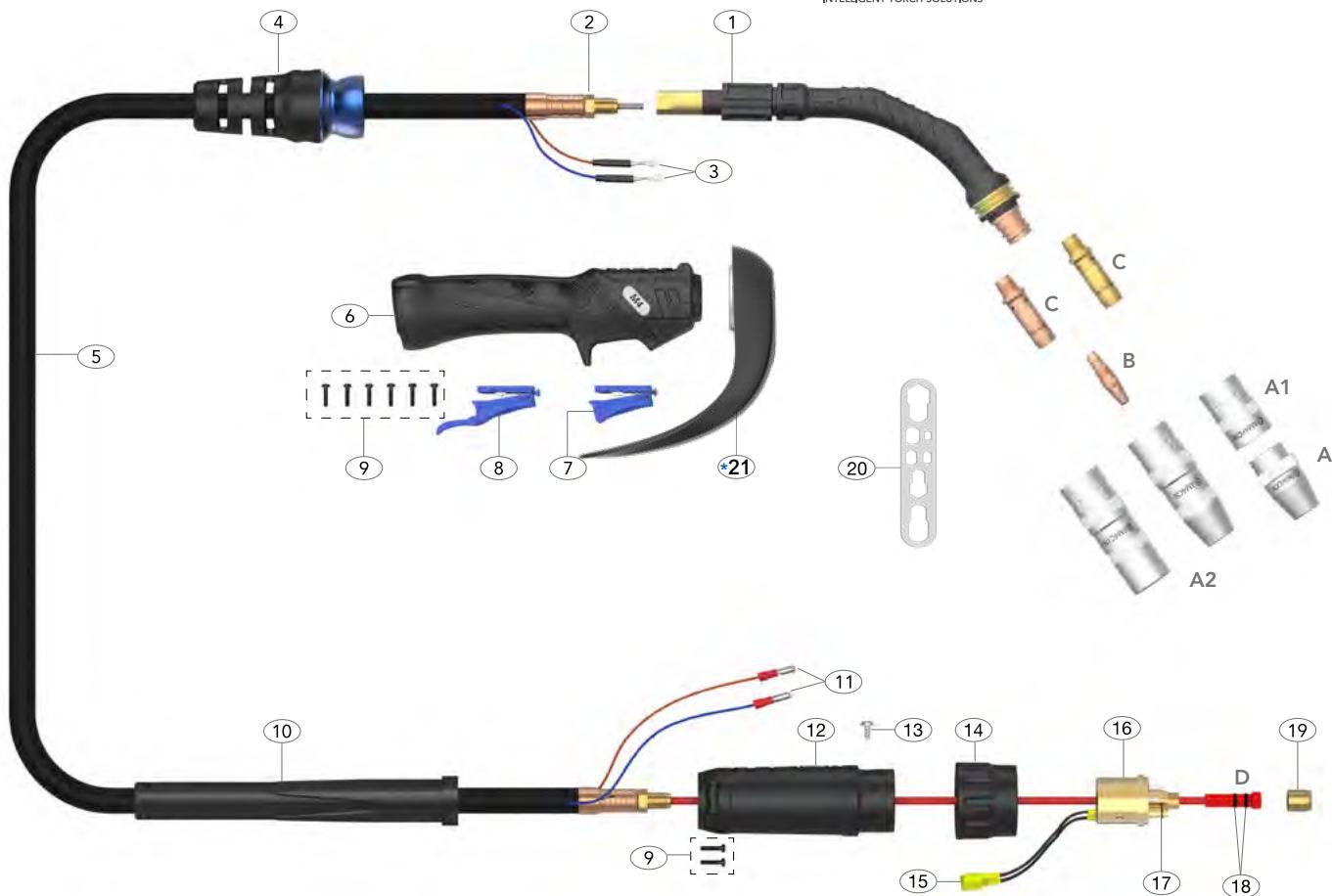
SuperSoft -20 Premium Power Cables

Perfect for extreme subzero working conditions

HIGH PERFORMANCE SERIES



MAKE WORK
LIFE EASIER



Spare Parts

Part Number	Description	Part Number	Description
1 AM4001	Swan Neck Assembly		
2 AM1505	Lock Nut		
3 AM1521	Cable Terminal		
4 AM1514	Handle Cable Support c/w Ball Joint		
5 AM4003CW-30	Power Cable Assembly x 3mt		
AM4003CW-40	Power Cable Assembly x 4mt		
AM4003CW-50	Power Cable Assembly x 5mt		
6 AM2514	Handle Kit		
7 AM2516	Microswitch Standard Trigger		
8 AM2516L	Microswitch Extended Trigger		
9 AMSP1-1	Screw Pack		
10 AMPA3541	Cable Support		
11 AM1522	Cable Terminal Male		
12 AM2578/L	Gun Plug Housing		
13 AM1526	Gun Plug Screw		
14 AMC1519	Gun Plug Nut		
15 AM1523	Gun Plug Terminal Female		
16 AMB1528S	Gun Plug Body c/w Spring Pins		
17 AM1524	Gun Plug 'O' Ring		
18 AMLOR	Liner 'O' Ring		
19 AM1826	Liner Retaining Nut		
20 AMWS	Wear Parts Spanner		
Retrofit Option (Not Fitted as Standard)			
*21 AM4001HS-KIT	Heat Shield Kit For Standard Handle		
Welding with Soft Wires			
For welding with Aluminum wires use a Combi-liner (page 57). Optimum installation is achieved when using the Combi-liner set-up kit.			
Optional Extra			
AMCLST-KITS		Combi-Liner Set-up kit (See Page 58)	

M5 Air-Cooled Mig Welding Torch

Ratings:	390A CO ₂ , 360A mixed gas M21, EN60974-7 @ 60% duty cycle. 0.8mm-1.6mm wires
----------	---

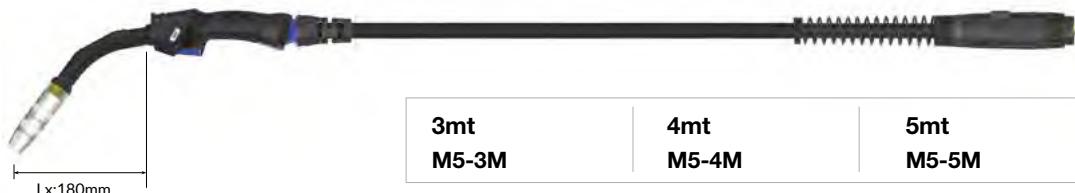
Constructed for power, performance, and longevity the M5 is ideal for heavy duty 1.2mm and 1.6mm high deposition and pulse applications.

A retrofit heat shield is available for high reflected heat applications.



ARC M HIGH PERFORMANCE MIG TORCH PACKAGES

M5 Torches are supplied with a Euro termination as standard and are supplied 'ready to weld' with all wear parts fitted.



Wear Parts

Nozzle - 2 Piece

Part Number	Description	Bore	Wall	Material
A AM5HTDN	Tapered Nozzle (Part 2)	13mm	3.5mm	Copper
•AM5HDCN	Conical Nozzle (Part 2)	15mm	3.5mm	Copper
AM5HDCYN	Cylindrical Nozzle (Part 2)	21mm	3.5mm	Copper
A1•AM5HDNI	Nozzle Insulator (Part 1)			Copper

Nozzle - Single Piece

A2 AM5TN	Tapered Nozzle / Insulator Assy	13mm	2.5mm	Copper
AM5CN	Conical Nozzle / Insulator Assy	15mm	2.5mm	Copper
AM5CYN	Cylindrical Nozzle / Insulator Assy	21mm	2.5mm	Copper

B Contact Tips

Part Number	Description	Size (mm)	Wire Size (mm-inch)	Material
Standard Series				
AM6WCT09	Contact Tip	M10*35.5	0.9 - 0.035	CuCrZr
AM6WCT10	Contact Tip	M10*35.5	1.0 - 0.040	CuCrZr
•AM6WCT12	Contact Tip	M10*35.5	1.2 - 0.045	CuCrZr
AM6WCT14	Contact Tip	M10*35.5	1.4 - 0.055	CuCrZr
AM6WCT16	Contact Tip	M10*35.5	1.6 - 0.063	CuCrZr
AM6WCT20	Contact Tip	M10*35.5	2.0 - 0.080	CuCrZr
A Series				
AM6WCT10A	Contact Tip	M10*35.5	1.0 - 0.040	CuCrZr
AM6WCT12A	Contact Tip	M10*35.5	1.2 - 0.045	CuCrZr
AM6WCT16A	Contact Tip	M10*35.5	1.6 - 0.063	CuCrZr
AMC6WCT10A	Contact Tip	M10*35.5	1.0 - 0.040	Copper
AMC6WCT12A	Contact Tip	M10*35.5	1.2 - 0.045	Copper

Tip Adaptors

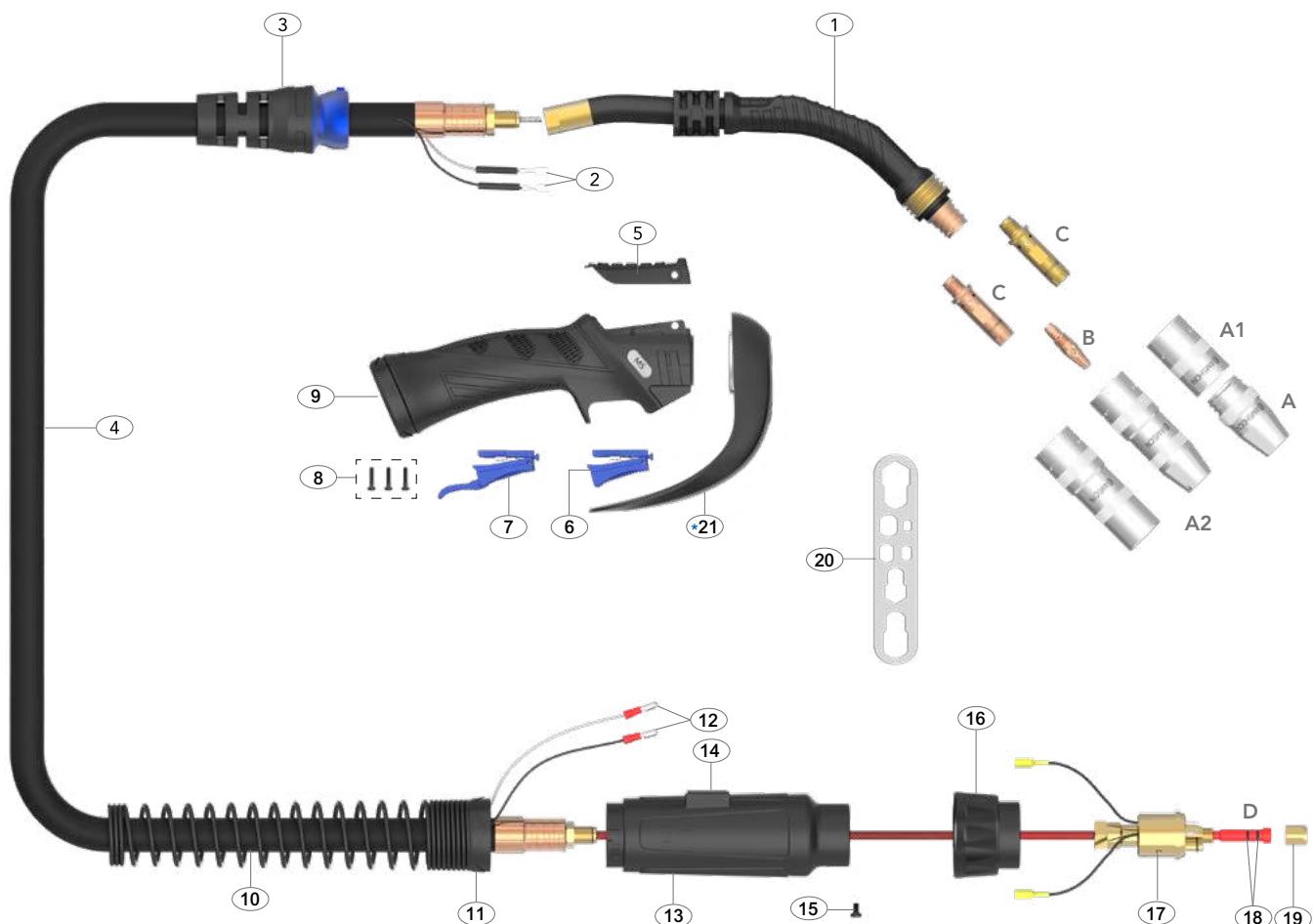
Part Number	Description	Material
AM5TAC	Tip Adaptor High Performance	CuCrZr
•AM5TAB	Tip Adaptor	Brass

D Liners

Part Number	Description	Wire Size
•AM6SL-1012-30	Steel Liner x 3mt	0.8-1.2mm
•AM6SL-1012-40	Steel Liner x 4mt	0.8-1.2mm
•AM6SL-1012-50	Steel Liner x 5mt	0.8-1.2mm
AM6SL-16-30	Steel Liner x 3mt	1.6mm
AM6SL-16-40	Steel Liner x 4mt	1.6mm
AM6SL-16-50	Steel Liner x 5mt	1.6mm

• Denotes torch package standard wear part set-up

SuperSoft -20 Premium Power Cables
Perfect for extreme subzero working conditions



Spare Parts

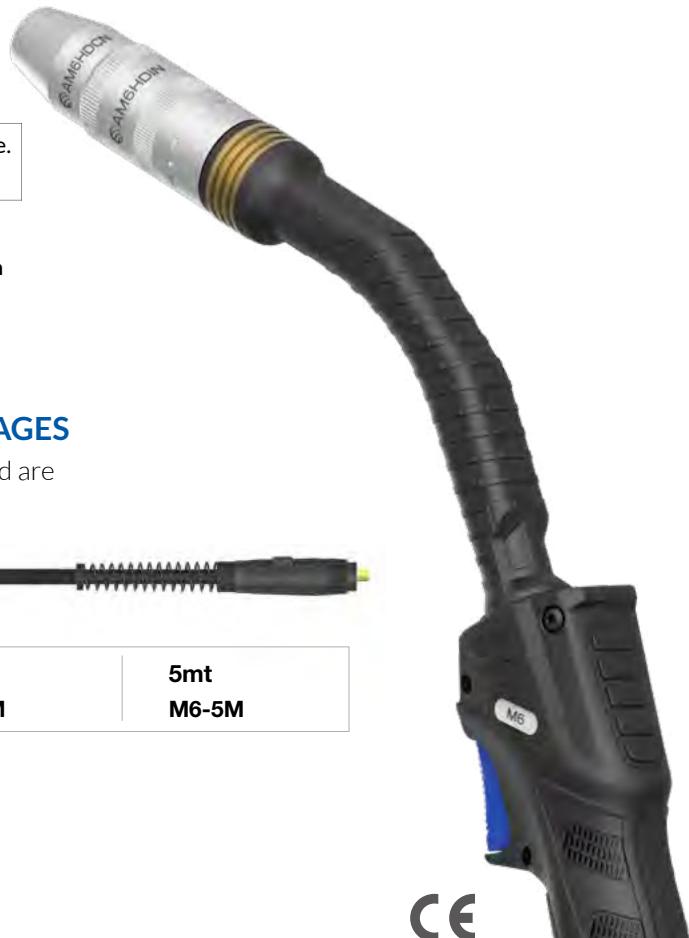
Part Number	Description
1 AM5001	Swan Neck Assembly
2 AM1521	Cable Terminal
3 AMS8017	Handle Cable Support c/w Ball Joint
4 AM5003CW-30	Power Cable Assembly x 3mt
AM5003CW-40	Power Cable Assembly x 4mt
AM5003CW-50	Power Cable Assembly x 5mt
5 AM2515-C	Handle Control Cover c/w Screw+Nut
6 AM2516	Microswitch Standard Trigger
7 AM2516L	Microswitch Extended Trigger
8 AMSP1-1	Screw Pack
9 AM2515	Handle and Lock Nut Assembly
10 AM8026	Housing Spring
11 AM8028	Housing Lock Nut
12 AM1522	Cable Terminal Male
13 AMT5022	Gun Plug Housing
14 AMF8017	Large Housing Flat Cover Block
15 AM1526	Gun Plug Screw
16 AM1519	Gun Plug Nut
17 AMB1528	Gun Plug Body
18 AMLOR	Liner 'O' Ring
19 AM1826	Liner Retaining Nut
20 AMWS	Wear Parts Spanner

Part Number	Description
Retrofit Option (Not Fitted as Standard)	
*21 AM6001HS-KIT	Heat Shield Kit For Standard Handle
Welding with Soft Wires	
For welding with Aluminum wires use a Combi-liner (page 57-58). Optimum installation is achieved when using the Combi-liner set-up kit.	
Optional Extra	
AMCLST-KITS	Combi-Liner Set-up kit (See Page 58)

M6 Air-Cooled Mig Welding Torch

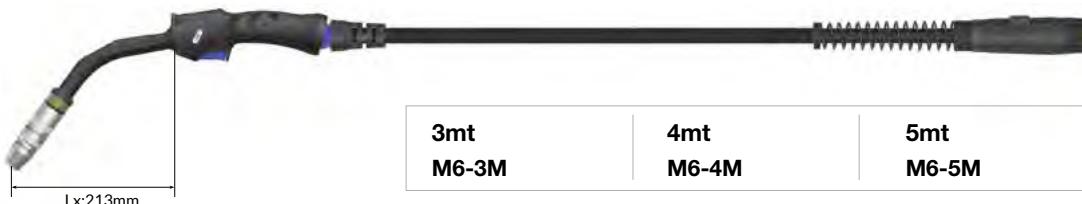
Ratings:	430A CO ₂ , 400A mixed gas M21, EN60974-7 @ 60% duty cycle. 0.8mm-2.0mm wires
----------	---

An Indestructible 400 Amp Air-Cooled Production Torch.
Perfect for high amps, high deposition, pulse, and high duty applications with 1.2mm and 1.6mm wires.
A retrofit heat shield is available for high reflected heat applications.



ARC M HIGH PERFORMANCE MIG TORCH PACKAGES

M6 Torches are supplied with a Euro termination as standard and are supplied 'ready to weld' with all wear parts fitted.



Wear Parts

Nozzle - 2 Piece

Part Number	Description	Bore	Wall	Material
A AM6HDTN	Tapered Nozzle (Part 2)	13mm	3.5mm	Copper
•AM6HDCN	Conica Nozzle (Part 2)	15mm	3.5mm	Copper
AM6HDCYN	Cylindrical Nozzle (Part 2)	23mm	3.5mm	Copper
A1•AM6HDNI	Nozzle Insulator (Part 1)			Copper

Nozzle - Single Piece

A2 AM6TN	Tapered Nozzle / Insulator Assy	13mm	2.5mm	Copper
AM6CN	Conical Nozzle / Insulator Assy	15mm	2.5mm	Copper
AM6CYN	Cylindrical Nozzle / Insulator Assy	23mm	2.5mm	Copper

B Contact Tips

Part Number	Description	Size (mm)	Wire Size (mm-inch)	Material
Standard Series				
AM6CT09	Contact Tip	M12*40.5	0.9 - 0.035	CuCrZr
AM6CT10	Contact Tip	M12*40.5	1.0 - 0.040	CuCrZr
•AM6CT12	Contact Tip	M12*40.5	1.2 - 0.045	CuCrZr
AM6CT14	Contact Tip	M12*40.5	1.4 - 0.055	CuCrZr
AM6CT16	Contact Tip	M12*40.5	1.6 - 0.063	CuCrZr
AM6CT20	Contact Tip	M12*40.5	2.0 - 0.080	CuCrZr
A Series				
AM6CT10A	Contact Tip	M12*40.5	1.0 - 0.040	CuCrZr
AM6CT12A	Contact Tip	M12*40.5	1.2 - 0.045	CuCrZr
AM6CT16A	Contact Tip	M12*40.5	1.6 - 0.063	CuCrZr
AM6CT20A	Contact Tip	M12*40.5	2.0 - 0.080	CuCrZr
AMC6CT10A	Contact Tip	M12*40.5	1.0 - 0.040	Copper
AMC6CT12A	Contact Tip	M12*40.5	1.2 - 0.045	Copper

C Tip Adaptors

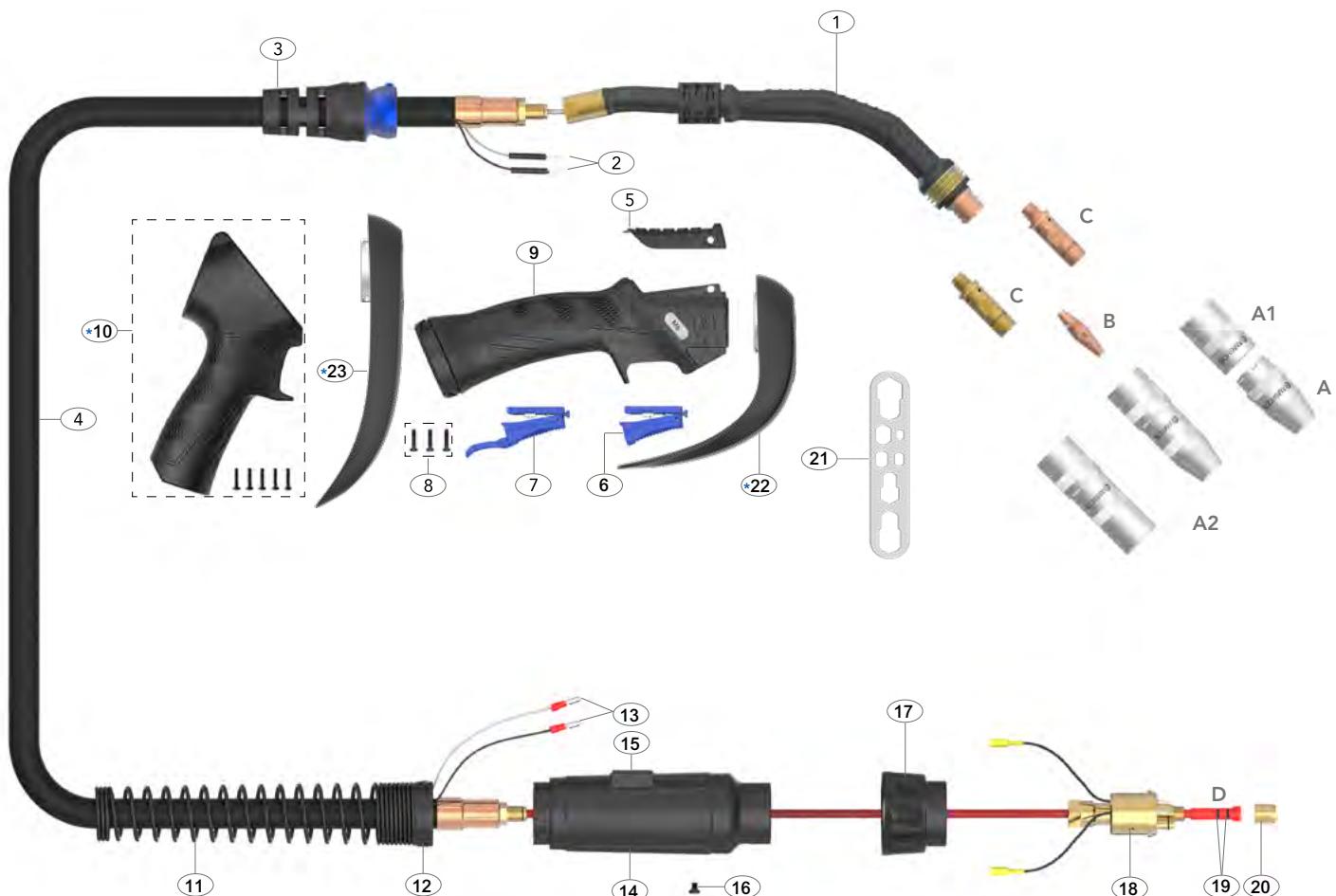
Part Number	Description	Material
•AM6TAC	Tip Adaptor High Performance	CuCrZr
AM6TAB	Tip Adaptor	Brass

D Liners

Part Number	Description	Wire Size
•AM6SL-1012-30	Steel Liner x 3mt	0.8-1.2mm
•AM6SL-1012-40	Steel Liner x 4mt	0.8-1.2mm
•AM6SL-1012-50	Steel Liner x 5mt	0.8-1.2mm
AM6SL-16-30	Steel Liner x 3mt	1.6mm
AM6SL-16-40	Steel Liner x 4mt	1.6mm
AM6SL-16-50	Steel Liner x 5mt	1.6mm

• Denotes torch package standard wear part set-up

SuperSoft -20 Premium Power Cables
Perfect for extreme subzero working conditions



Spare Parts

Part Number	Description
1 AM6001	Swan Neck Assembly
2 AM1521	Cable Terminal
3 AMS8017	Handle Cable Support c/w Ball Joint
4 AM6003CW-30	Power Cable Assembly x 3mt
AM6003CW-40	Power Cable Assembly x 4mt
AM6003CW-50	Power Cable Assembly x 5mt
5 AM2515-C	Handle Control Cover c/w Screw+Nut
6 AM2516	Microswitch Standard Trigger
7 AM2516L	Microswitch Extended Trigger
8 AMSP1-1	Screw Pack
9 AM2515	Handle and Lock Nut Assembly
11 AM8026	Housing Spring
12 AM8028	Housing Lock Nut
13 AM1522	Cable Terminal Male
14 AMT5022	Gun Plug Housing
15 AMF8017	Large Housing Flat Cover Black
16 AM1526	Gun Plug Screw
17 AM1519	Gun Plug Nut
18 AMB1528	Gun Plug Body
19 AMLOR	Liner 'O' Ring
20 AM1826	Liner Retaining Nut
21 AMWS	Wear Parts Spanner

Part Number	Description
Retrofit Options (Not Fitted as Standard)	
*10 AMMP2515	Pistol Handle Assembly
*22 AM6001HS-KIT	Heat Shield Kit For Standard Handle
*23 AMP6001HS-KIT	Heat Shield Kit For Pistol Handle
Welding with Soft Wires	
For welding with Aluminum wires use a Combi-liner (page 57-58). Optimum installation is achieved when using the Combi-liner set-up kit.	
Optional Extra	
AMCLST-KITS	Combi-Liner Set-up kit (See Page 58)

M4W Liquid-Cooled Mig Welding Torch

Ratings:	400A CO ₂ , 350A mixed gas, 300A pulse, EN60974-7@100% duty cycle. 0.9mm-1.6mm wires
----------	--

A lightweight, true performance tool. Perfect for various positions in challenging-to-access areas where a large torch isn't necessary.



ARC M HIGH PERFORMANCE MIG TORCH PACKAGES

M4W Torches are supplied with a Euro termination as standard and are supplied 'ready to weld' with all wear parts fitted.



3mt
M4W-3M

4mt
M4W-4M

5mt
M4W-5M



Wear Parts

Nozzles

Part Number	Description	Bore	Wall	Material
A •AM4WCN	Conical / Insulator Assy	13.0mm	2.5mm	Copper
AM4WCYN	Cylindrical / Insulator Assy	15.0mm	2.5mm	Copper
A1•AM4WCN-C	Conical Nozzle c/w Insulator & Retaining Ring			
AM4WCYN-C	Cylindrical Nozzle c/w Insulator & Retaining Ring			

B Nozzle Retaining Rings

Part Number	Description	Size	Material
•AM4WCNR	Nozzle Retaining Ring	26.0mm	Brass

C Contact Tips

Part Number	Description	Size (mm)	Wire Size (mm-inch)	Material
Standard Series				
AM5CT09	Contact Tip	M8*29.5	0.9 - 0.035	CuCrZr
AM5CT10	Contact Tip	M8*29.5	1.0 - 0.040	CuCrZr
•AM5CT12	Contact Tip	M8*29.5	1.2 - 0.045	CuCrZr
AM5CT14	Contact Tip	M8*29.5	1.4 - 0.055	CuCrZr
AM5CT16	Contact Tip	M8*29.5	1.6 - 0.063	CuCrZr
A Series				
AM5CT10A	Contact Tip	M8*29.5	1.0 - 0.040	CuCrZr
AM5CT12A	Contact Tip	M8*29.5	1.2 - 0.045	CuCrZr
AM5CT16A	Contact Tip	M8*29.5	1.6 - 0.063	CuCrZr

• Denotes torch package standard wear part set-up

D Tip Adaptors

Part Number	Description	Material
•AM4WTAB-20	Tip Adaptor 2.0mm Recess	Brass
AM4WTAC-20	High Performance 2.0mm Recess	Copper

E Tip Adaptor Insulators

Part Number	Description
•AM4WTAI	Tip Adaptor Insulator

F Liners

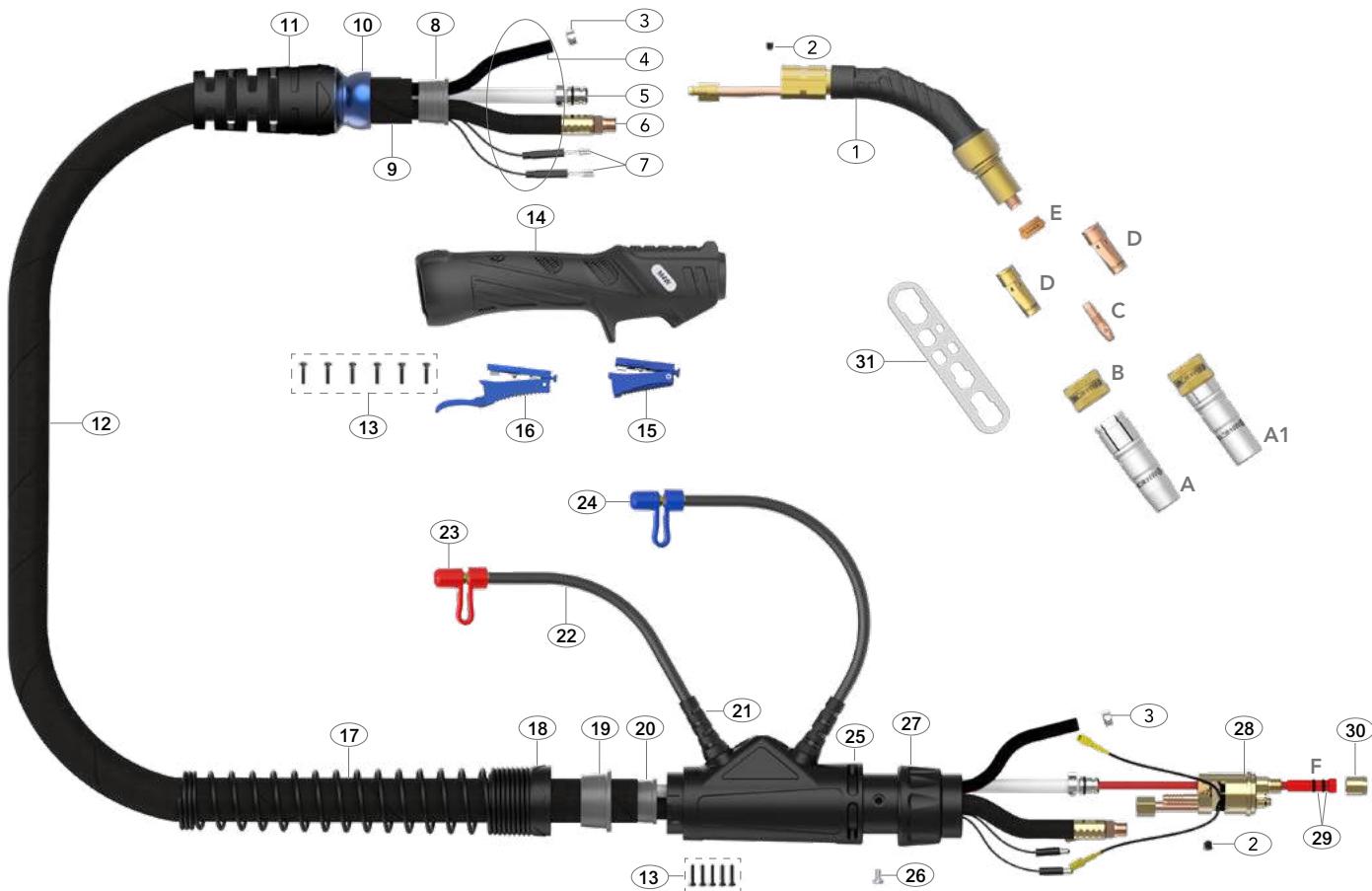
Part Number	Description	Wire Size
•AM2524-30	Steel Liner x 3mt	1.0-1.2mm
AM2524-40	Steel Liner x 4mt	1.0-1.2mm
•AM2524-50	Steel Liner x 5mt	1.0-1.2mm
AM3631-30	Steel Liner x 3mt	1.6mm
AM3631-40	Steel Liner x 4mt	1.6mm
AM3631-50	Steel Liner x 5mt	1.6mm
AM1564-30	Combi Liner x 3mt	0.8-1.2mm
AM1564-40	Combi Liner x 4mt	0.8-1.2mm
AM1564-50	Combi Liner x 5mt	0.8-1.2mm

For alternate liner options please refer to page 55-57

HIGH PERFORMANCE SERIES



MAKE WORK
LIFE EASIER



Spare Parts

Part Number	Description
1 AM4002	Swan Neck Assembly
2 AM6X5	Outer Liner Retaining Screw
3 AM15400023	Water Hose Clamp 10mm
8 AMS8010	Canvas Cover Retainer
10 AMS3208-1	Ball Joint
11 AMS3208-S	Cable Support With Nut
13 AMSP1-1	Screw Pack
14 AM2514	Handle Kit
15 AM2516	Microswitch Standard Trigger
16 AM2516L	Microswitch Extended Trigger
17 AM8027	Cable Support Spring
18 AM8028	Housing Lock Nut
19 AM8009	Canvas Cover Clamp
20 AM8010	Canvas Cover Retainer
21 AM1820	Hose Support
22 AM5017	Water Outlet Hose Assembly
23 AM80320	Red Cap Stopper
24 AM80310	Blue Cap Stopper
25 AM5022	Housing Assembly
26 AM1526	Gun Plug Screw (M4 x 0.7)
27 AM1519	Gun Plug Nut
28 AM5098	Water-Cooled Plug Body Assembly
29 AMLOR	Liner 'O' Ring
30 AM1826	Liner Retaining Nut
31 AMWS	Wear Parts Spanner

Cable Parts

Description	Part Number	3mt	4mt	5mt
4 Water Inlet Hose Assembly	AM5012-30	AM5012-40	AM5012-50	
5 Outer Liner Assembly	AM6008-30	AM6008-40	AM6008-50	
6 Power Cable Assembly	AM4015-30	AM4015-40	AM4015-50	
7 Switch Lead Assembly	AM5010-30	AM5010-40	AM5010-50	
9 Canvas Cover Assembly	AM5019-30	AM5019-40	AM5019-50	
12 Complete Cable Assembly	AM4006-30	AM4006-40	AM4006-50	

Welding with Soft Wires

For welding with Aluminum wires use a Soft Wire / Combi-Liner (page 57-58). Optimum installation is achieved when using the Soft Wire / Combi-Liner set-up kit.

Optional Extra

AM2OSWLG	Soft Wire Liner Gasket (See Page 58)
AMCLST-KITS	Combi-Liner Set-up kit (See Page 58)

M5W Liquid-Cooled Mig Welding Torch

Ratings:	560A CO ₂ , 540A mixed gas M21, 380A pulse @100% Max. Load 24KW with 1600W liquid cooler, 0.8mm-1.6mm wires
	540A CO ₂ , 520A mixed gas M21, 350A pulse @100% Max. Load 22KW with 1200W liquid cooler, 0.8mm-1.6mm wires

Ideal for heavy duty 1.2mm high deposition and pulse applications with all wire types.



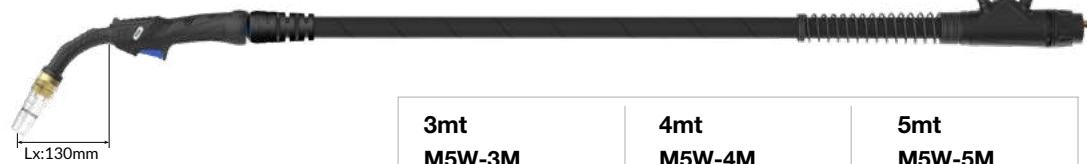
M5W Video

Compact Handle



ARC M HIGH PERFORMANCE MIG TORCH PACKAGES

M5W Torches are supplied with a Euro termination as standard and are supplied 'ready to weld' with all wear parts fitted.



Wear Parts

Nozzles

Part Number	Description	Bore	Wall	Material
A •AMN5WCN	Conical / Insulator Assy	13.5mm	3.0mm	Copper
AMN5WTN	Tapered / Insulator Assy	11.5mm	3.0mm	Copper
AMN5WCYN	Cylindrical / Insulator Assy	16.0mm	3.0mm	Copper
A1•AMN5WCN-C	Conical Nozzle c/w Insulator & Retaining Ring			
AMN5WTN-C	Tapered Nozzle c/w Insulator & Retaining Ring			
AMN5WCYN-C	Cylindrical Nozzle c/w Insulator & Retaining Ring			

B Nozzle Retaining Rings

Part Number	Description	Size	Material
•AMN5WCNR	Nozzle Retaining Ring	29.5mm	Brass

C Contact Tips

Part Number	Description	Size (mm)	Wire Size (mm-inch)	Material
Standard Series				
AM5CT09	Contact Tip	M8*29.5	0.9 - 0.035	CuCrZr
AM5CT10	Contact Tip	M8*29.5	1.0 - 0.040	CuCrZr
•AM5CT12	Contact Tip	M8*29.5	1.2 - 0.045	CuCrZr
AM5CT14	Contact Tip	M8*29.5	1.4 - 0.055	CuCrZr
AM5CT16	Contact Tip	M8*29.5	1.6 - 0.063	CuCrZr
A Series				
AM5CT10A	Contact Tip	M8*29.5	1.0 - 0.040	CuCrZr
AM5CT12A	Contact Tip	M8*29.5	1.2 - 0.045	CuCrZr
AM5CT16A	Contact Tip	M8*29.5	1.6 - 0.063	CuCrZr
AM2CT10A	Contact Tip	M8*29.5	1.0 - 0.040	Copper
AM2CT12A	Contact Tip	M8*29.5	1.2 - 0.045	Copper

• Denotes torch package standard wear part set-up

D Tip Adaptors

Part Number	Description	Material
•AM5WTAC-20	High Performance 2.0mm Recess	Copper
AM5WTAC-45	High Performance 4.5mm Recess	Copper
AM5WTAB-20	Tip Adaptor 2.0mm Recess	Brass
AM5WTAB-45	Tip Adaptor 4.5mm Recess	Brass

E Tip Adaptor Insulators

Part Number	Description
•AM5WTAI	Tip Adaptor Insulator

F Liners

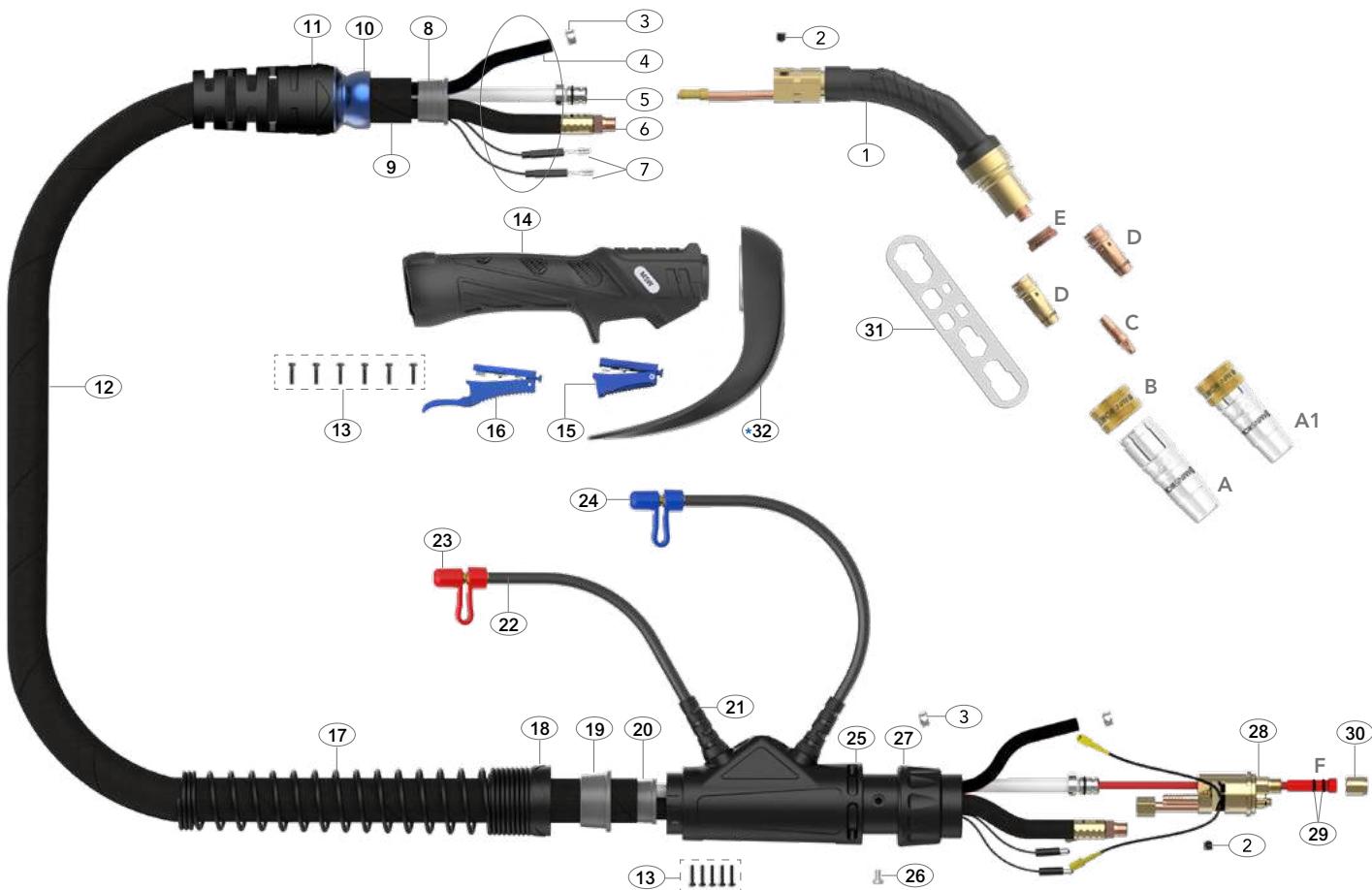
Part Number	Description	Wire Size
•AM6SL-1012-30	Steel Liner x 3mt	0.8-1.2mm
AM6SL-1012-40	Steel Liner x 4mt	0.8-1.2mm
•AM6SL-1012-50	Steel Liner x 5mt	0.8-1.2mm
AM6SL-16-30	Steel Liner x 3mt	1.6mm
AM6SL-16-40	Steel Liner x 4mt	1.6mm
AM6SL-16-50	Steel Liner x 5mt	1.6mm
AM6OSWL-1012-30	Soft Wire Liner x 3mt	1.0-1.2mm
AM6OSWL-1012-40	Soft Wire Liner x 4mt	1.0-1.2mm
AM6OSWL-1620-30	Soft Wire Liner x 3mt	1.6-2.0mm
AM6OSWL-1620-40	Soft Wire Liner x 4mt	1.6-2.0mm

For alternate liner options please refer to page 55-58

HIGH PERFORMANCE SERIES



MAKE WORK
LIFE EASIER



Spare Parts

Part Number	Description
1 AM5002	Swan Neck Assembly
2 AM6X5	Outer Liner Retaining Screw
3 AM15400023	Water Hose Clamp 10mm
8 AMS8010	Canvas Cover Retainer
10 AMS3208-1	Ball Joint
11 AMS3208-S	Cable Support With Nut
13 AMSP1-1	Screw Pack
14 AM2514	Handle Kit
15 AM2516	Microswitch Standard Trigger
16 AM2516L	Microswitch Extended Trigger
17 AM8027	Cable Support Spring
18 AM8028	Housing Lock Nut
19 AM8009	Canvas Cover Clamp
20 AM8010	Canvas Cover Retainer
21 AM1820	Hose Support
22 AM5017	Water Outlet Hose Assembly
23 AM80320	Red Cap Stopper
24 AM80310	Blue Cap Stopper
25 AM5022	Housing Assembly
26 AM1526	Gun Plug Screw (M4 x 0.7)
27 AM1519	Gun Plug Nut
28 AM5098	Water-Cooled Plug Body Assembly
29 AMLOR	Liner 'O' Ring
30 AM1826	Liner Retaining Nut
31 AMWS	Wear Parts Spanner

Cable Parts

Description	Part Number	3mt	4mt	5mt
4 Water Inlet Hose Assembly	AM5012-30	AM5012-40	AM5012-50	
5 Outer Liner Assembly	AM6008-30	AM6008-40	AM6008-50	
6 Power Cable Assembly	AM6015-30	AM6015-40	AM6015-50	
7 Switch Lead Assembly	AM5010-30	AM5010-40	AM5010-50	
9 Canvas Cover Assembly	AM5019-30	AM5019-40	AM5019-50	
12 Complete Cable Assembly	AM5506-30	AM5506-40	AM5506-50	

Retrofit Option (Not Fitted as Standard)

*32 AM5002HS-KIT Heat Shield Kit For Standard Handle

Welding with Soft Wires
For welding with Aluminum wires use a Soft Wire / Combi-Liner (page 57-58). Optimum installation is achieved when using the Soft Wire / Combi-Liner set-up kit.

Optional Extra

AMOSWLG	Soft Wire Liner Gasket (See Page 58)
AMOSW-LINER-T	Soft Wire / Combi-Liner Set-up Kit (See Page 58)

M55W Liquid-Cooled Mig Welding Torch

Ratings:	580A CO ₂ , 560A mixed gas M21, 400A pulse @100% Max. Load 25KW with 1600W liquid cooler, 0.8mm-2.0mm wires
	550A CO ₂ , 530A mixed gas M21, 360A pulse @100% Max. Load 23KW with 1200W liquid cooler, 0.8mm-2.0mm wires

Ideal for all high deposition applications with high reflected heat.

ARC M HIGH PERFORMANCE MIG TORCH PACKAGES

M55W Torches are supplied with a Euro termination as standard and are supplied 'ready to weld' with an M10 set-up.



Wear Parts

Nozzles

Part Number	Description	Bore	Wall	Material
A •AMN55WCN	Conical / Insulator Assy	15mm	3.0mm	Copper
AMN55WTON	Tapered / Insulator Assy	13mm	3.0mm	Copper
AMN55WCYN	Cylindrical/Insulator Assy	17mm	3.0mm	Copper
A1•AMN55WCN-C	Conical Nozzle c/w Insulator & Retaining Ring			
AMN55WTON-C	Tapered Nozzle c/w Insulator & Retaining Ring			
AMN55WCYN-C	Cylindrical Nozzle c/w Insulator & Retaining Ring			

Compact Handle



B Nozzle Retaining Rings

Part Number	Description	Size	Material
•AMN6WCNR	Nozzle Retaining Ring-Pull Off	30.5mm	Brass

C Contact Tips

Part Number	Description	Size (mm)	Wire Size (mm-inch)	Material
Standard Series				
AM6WCT09	Contact Tip	M10*35.5	0.9 - 0.035	CuCrZr
AM6WCT10	Contact Tip	M10*35.5	1.0 - 0.040	CuCrZr
•AM6WCT12	Contact Tip	M10*35.5	1.2 - 0.045	CuCrZr
AM6WCT14	Contact Tip	M10*35.5	1.4 - 0.055	CuCrZr
AM6WCT16	Contact Tip	M10*35.5	1.6 - 0.063	CuCrZr
AM6WCT20	Contact Tip	M10*35.5	2.0 - 0.080	CuCrZr
A Series				
AM6WCT10A	Contact Tip	M10*35.5	1.0 - 0.040	CuCrZr
AM6WCT12A	Contact Tip	M10*35.5	1.2 - 0.045	CuCrZr
AM6WCT16A	Contact Tip	M10*35.5	1.6 - 0.063	CuCrZr
AM6WCT20A	Contact Tip	M10*35.5	2.0 - 0.080	CuCrZr
AMC6WCT10A	Contact Tip	M10*35.5	1.0 - 0.040	Copper
AMC6WCT12A	Contact Tip	M10*35.5	1.2 - 0.045	Copper

• Denotes torch package standard wear part set-up

D Tip Adaptors

Part Number	Description	Material
AM6OSWTAC-20	High Performance 2.0mm Recess	Copper
AM6OSWTAC-45	High Performance 4.5mm Recess	Copper
AM6OSWTAB-20	Tip Adaptor 2.0mm Recess	Brass
AM6OSWTAB-45	Tip Adaptor 4.5mm Recess	Brass

E Tip Adaptor Insulators

Part Number	Description
AM55WTAI	Tip Adaptor Insulator

F Liners

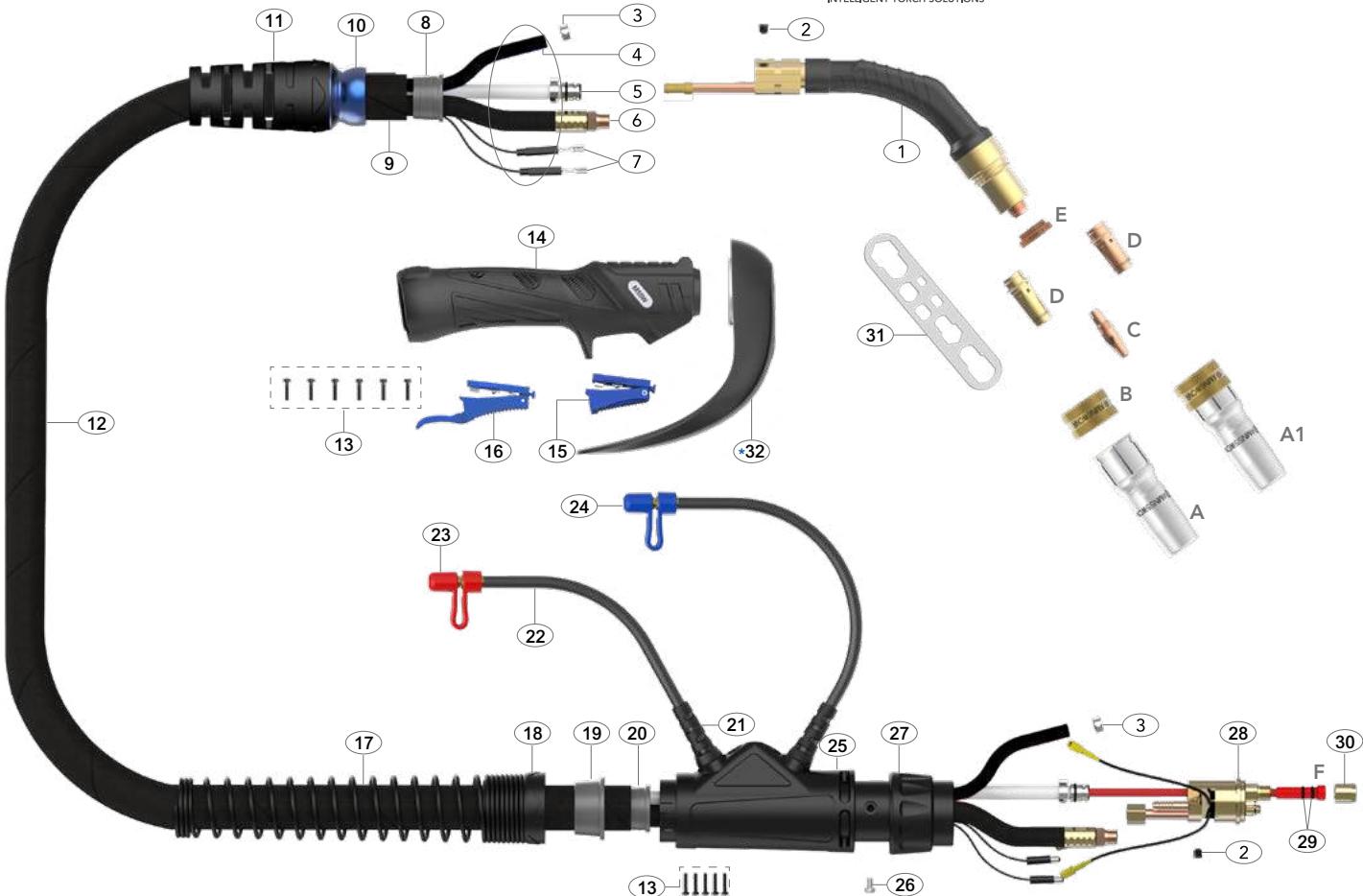
Part Number	Description	Wire Size
AM6SL-1012-30	Steel Liner x 3mt	0.8-1.2mm
AM6SL-1012-40	Steel Liner x 4mt	0.8-1.2mm
AM6SL-1012-50	Steel Liner x 5mt	0.8-1.2mm
AM6SL-16-30	Steel Liner x 3mt	1.6mm
AM6SL-16-40	Steel Liner x 4mt	1.6mm
AM6SL-16-50	Steel Liner x 5mt	1.6mm
AM6SL-20-30	Steel Liner x 3mt	2.0mm
AM6SL-20-40	Steel Liner x 4mt	2.0mm
AM6SL-20-50	Steel Liner x 5mt	2.0mm
AM6OSWL-1012-30	Soft Wire Liner x 3mt	1.0-1.2mm
AM6OSWL-1012-40	Soft Wire Liner x 4mt	1.0-1.2mm
AM6OSWL-1620-30	Soft Wire Liner x 3mt	1.6-2.0mm
AM6OSWL-1620-40	Soft Wire Liner x 4mt	1.6-2.0mm

For alternate liner options please refer to page 55-58

HIGH PERFORMANCE SERIES



MAKE WORK
LIFE EASIER



Spare Parts

Part Number	Description
1	AM5502
2	AM6X5
3	AM15400023
8	AMS8010
10	AMS3208-1
11	AMS3208-S
13	AMSP1-1
14	AM2514
15	AM2516
16	AM2516L
17	AM8027
18	AM8028
19	AM8009
20	AM8010
21	AM1820
22	AM5017
23	AM80320
24	AM80310
25	AM5022
26	AM1526
27	AM1519
28	AM5098
29	AMLR
30	AM1826
31	AMWS

Cable Parts

Description	Part Number	3mt	4mt	5mt
4 Water Inlet Hose Assembly	AM5012-30	AM5012-40	AM5012-50	
5 Outer Liner Assembly	AM6008-30	AM6008-40	AM6008-50	
6 Power Cable Assembly	AM6015-30	AM6015-40	AM6015-50	
7 Switch Lead Assembly	AM5010-30	AM5010-40	AM5010-50	
9 Canvas Cover Assembly	AM5019-30	AM5019-40	AM5019-50	
12 Complete Cable Assembly	AM5506-30	AM5506-40	AM5506-50	

Retrofit Option (Not Fitted as Standard)

*32 AM5502HS-KIT Heat Shield Kit For Standard Handle

Welding with Soft Wires

For welding with Aluminum wires use a Soft Wire / Combi-Liner (page 57-58). Optimum installation is achieved when using the Soft Wire / Combi-Liner set-up kit.

Optional Extra

AMOSWLG Soft Wire Liner Gasket (See Page 58)
AMOSW-LINER-T Soft Wire / Combi-Liner Set-up Kit (See Page 58)

M65W/M65WS Liquid-Cooled Mig Welding Torch

M65W/ M65WS	580A CO ₂ , 560A mixed gas M21, 400A pulse @100% Max. Load 25KW with 1600W liquid cooler, 0.8mm-2.0mm wires
Ratings:	550A CO ₂ , 530A mixed gas M21, 360A pulse @100% Max. Load 23KW with 1200W liquid cooler, 0.8mm-2.0mm wires

Ideal for high deposition and pulse applications with high reflected heat.

Fitted with a long neck as standard with an optional shorter version.

A retrofit heat shield is available for high reflected heat applications.

ARC M HIGH PERFORMANCE MIG TORCH PACKAGES

M65W/WS Torches are supplied with a Euro termination as standard and are supplied 'ready to weld' with all wear parts fitted.



3mt
M65W-3M
M65WS-3M

4mt
M65W-4M
M65WS-4M

5mt
M65W-5M
M65WS-5M



CE

Wear Parts

Nozzles

Part Number	Description	Bore	Wall	Material
A •AMN55WCN	Conical / Insulator Assy	15mm	3.0mm	Copper
AMN55WTN	Tapered / Insulator Assy	13mm	3.0mm	Copper
AMN55WCYN	Cylindrical/Insulator Assy	17mm	3.0mm	Copper
A1•AMN55WCN-C	Conical Nozzle c/w Insulator & Retaining Ring			
AMN55WTN-C	Tapered Nozzle c/w Insulator & Retaining Ring			
AMN55WCYN-C	Cylindrical Nozzle c/w Insulator & Retaining Ring			

B Nozzle Retaining Rings

Part Number	Description	Size	Material
•AMN6WCNR	Nozzle Retaining Ring-Pull Off	30.5mm	Brass

C Contact Tips

Part Number	Description	Size (mm)	Wire Size (mm-inch)	Material
Standard Series				
AM6WCT09	Contact Tip	M10*35.5	0.9 - 0.035	CuCrZr
AM6WCT10	Contact Tip	M10*35.5	1.0 - 0.040	CuCrZr
•AM6WCT12	Contact Tip	M10*35.5	1.2 - 0.045	CuCrZr
AM6WCT14	Contact Tip	M10*35.5	1.4 - 0.055	CuCrZr
AM6WCT16	Contact Tip	M10*35.5	1.6 - 0.063	CuCrZr
AM6WCT20	Contact Tip	M10*35.5	2.0 - 0.080	CuCrZr
A Series				
AM6WCT10A	Contact Tip	M10*35.5	1.0 - 0.040	CuCrZr
AM6WCT12A	Contact Tip	M10*35.5	1.2 - 0.045	CuCrZr
AM6WCT16A	Contact Tip	M10*35.5	1.6 - 0.063	CuCrZr
AM6WCT20A	Contact Tip	M10*35.5	2.0 - 0.080	CuCrZr
AMC6WCT10A	Contact Tip	M10*35.5	1.0 - 0.040	Copper
AMC6WCT12A	Contact Tip	M10*35.5	1.2 - 0.045	Copper

• Denotes torch package standard wear part set-up

D Tip Adaptors

Part Number	Description	Material
•AM6OSWTAC-20	High Performance 2.0mm Recess	Copper
AM6OSWTAC-45	High Performance 4.5mm Recess	Copper
AM6OSWTAB-20	Tip Adaptor 2.0mm Recess	Brass
AM6OSWTAB-45	Tip Adaptor 4.5mm Recess	Brass

E Tip Adaptor Insulators

Part Number	Description
•AM55WTAI	Tip Adaptor Insulator

F Liners

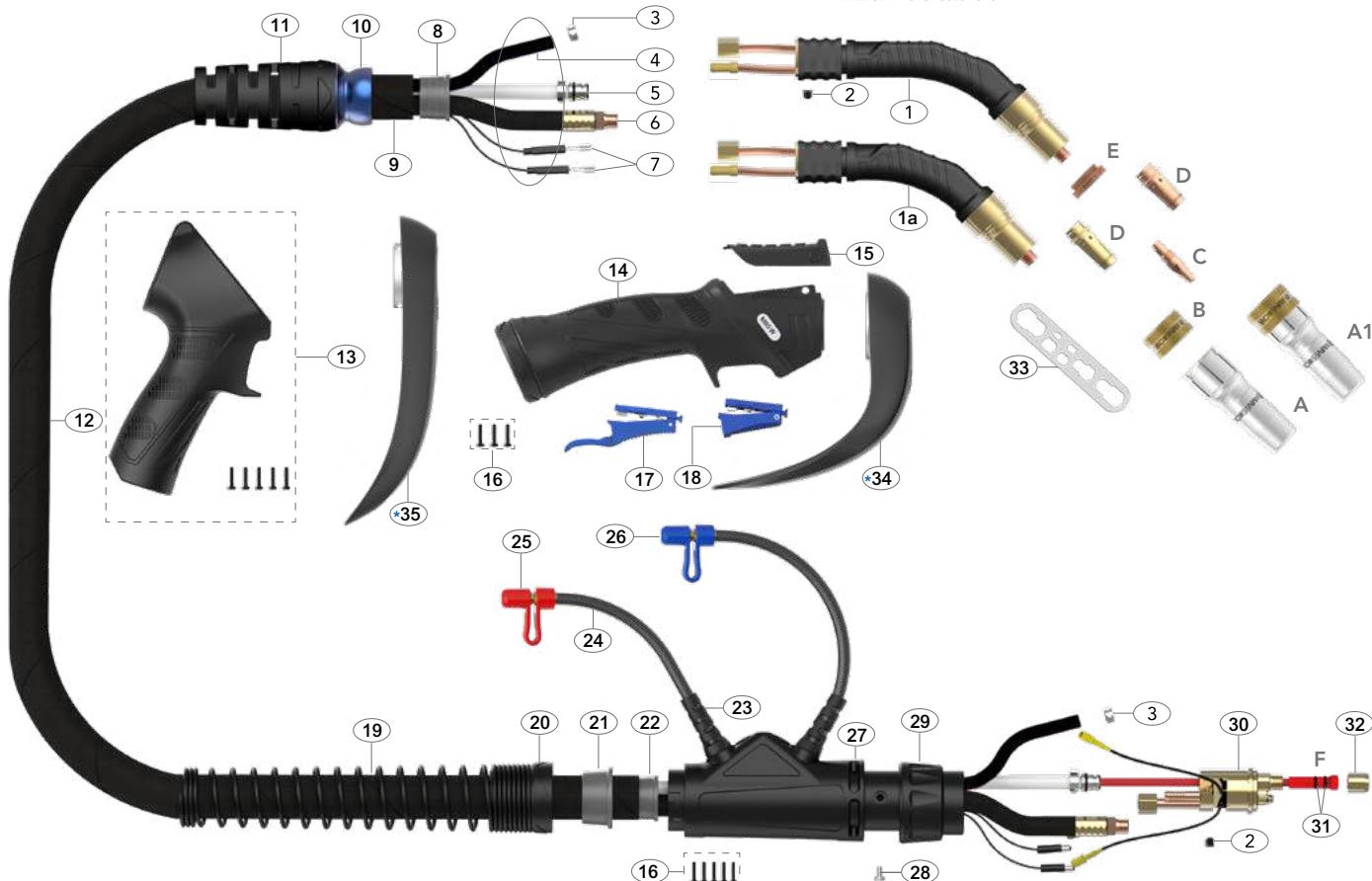
Part Number	Description	Wire Size
•AM6SL-1012-30	Steel Liner x 3mt	0.8-1.2mm
•AM6SL-1012-40	Steel Liner x 4mt	0.8-1.2mm
•AM6SL-1012-50	Steel Liner x 5mt	0.8-1.2mm
AM6SL-16-30	Steel Liner x 3mt	1.6mm
AM6SL-16-40	Steel Liner x 4mt	1.6mm
AM6SL-16-50	Steel Liner x 5mt	1.6mm
AM6SL-20-30	Steel Liner x 3mt	2.0mm
AM6SL-20-40	Steel Liner x 4mt	2.0mm
AM6SL-20-50	Steel Liner x 5mt	2.0mm
AM6OSWL-1012-30	Soft Wire Liner x 3mt	1.0-1.2mm
AM6OSWL-1012-40	Soft Wire Liner x 4mt	1.0-1.2mm
AM6OSWL-1620-30	Soft Wire Liner x 3mt	1.6-2.0mm
AM6OSWL-1620-40	Soft Wire Liner x 4mt	1.6-2.0mm

For alternate liner options please refer to page 55-58

HIGH PERFORMANCE SERIES

arc
TORCHOLOGY
INTELLIGENT TORCH SOLUTIONS

MAKE WORK
LIFE EASIER



Spare Parts

Part Number	Description
1 AM6502	M65W Swan Neck Assembly 45°
1a AM6502S	M65WS Swan Neck Assembly 45°
2 AM6X5	Outer Liner Retaining Screw
3 AM15400023	Water Hose Clamp 10mm
8 AMS8010	Canvas Cover Retainer
10 AM3208-1	Ball Joint
11 AMS3208-S	Cable Support With Nut
14 AM2515	Handle and Lock Nut Assembly
15 AM2515-C	Handle Control Cover
16 AMSP1-1	Screw Pack
17 AM2516	Microswitch Standard Trigger
18 AM2516L	Microswitch Extended Trigger
19 AM8027	Cable Support Spring
20 AM8028	Housing Lock Nut
21 AM8009	Canvas Cover Clamp
22 AM8010	Canvas Cover Retainer
23 AM1820	Hose Support
24 AM5017	Water Outlet Hose Assembly
25 AM80320	Red Cap Stopper
26 AM80310	Blue Cap Stopper
27 AM5022	Housing Assembly
28 AM1526	Gun Plug Screw (M4 x 0.7)
29 AM1519	Gun Plug Nut
30 AM5098	Water-Cooled Plug Body Assembly
31 AMLOR	Liner 'O' Ring
32 AM1826	Liner Retaining Nut
33 AMWS	Wear Parts Spanner

Cable Parts

Description	Part Number	3mt	4mt	5mt
4 Water Inlet Hose Assembly	AM5012-30	AM5012-40	AM5012-50	
5 Outer Liner Assembly	AM6008-30	AM6008-40	AM6008-50	
6 Power Cable Assembly	AM6015-30	AM6015-40	AM6015-50	
7 Switch Lead Assembly	AM5010-30	AM5010-40	AM5010-50	
9 Canvas Cover Assembly	AM5019-30	AM5019-40	AM5019-50	
12 Complete Cable Assembly	AM6006-30	AM6006-40	AM6006-50	

Retrofit Options (Not Fitted as Standard)

- *13 AMMP2515 Piston Handle Assembly
- *34 AM6502HS-KIT Heat Shield Kit For Standard Handle
- *35 AMP6502HS-KIT Heat Shield Kit For Piston Handle

Welding with Soft Wires

For welding with Aluminum wires use a Soft Wire / Combi-Liner (page 57-58). Optimum installation is achieved when using the Soft Wire / Combi-Liner set-up kit.

Optional Extra

- AMOSWLG Soft Wire Liner Gasket (See Page 58)
- AMOSW-LINER-T Soft Wire / Combi-Liner Set-up Kit (See Page 58)

M65WLP Liquid-Cooled Mig Welding Torch

M65WLP	590A CO ₂ , 570A mixed gas M21, 420A pulse @100% Max. Load 26KW with 1600W liquid cooler, 0.8mm-2.0mm wires
Ratings:	560A CO ₂ , 530A mixed gas M21, 380A pulse @100% Max. Load 24KW with 1200W liquid cooler, 0.8mm-2.0mm wires

Ideal for high deposition and pulse applications with high reflected heat.

Suitable for larger wire sizes, the 22 degree neck is better for feeding both stiff and soft wires.

A retrofit heat shield is available for high reflected heat applications.

ARC M HIGH PERFORMANCE MIG TORCH PACKAGES

M65WLP Torches are supplied with a Euro termination as standard and are supplied with a pistol handle and 'ready to weld' with high performance M10 wear parts.



3mt M65WLP-3M	4mt M65WLP-4M	5mt M65WLP-5M
--------------------------------	--------------------------------	--------------------------------

*M65WLP supplied with high performance M10 wear parts.



Wear Parts

Nozzles

Part Number	Description	Bore	Wall	Material
A • AMN55WCN	Conical / Insulator Assy	15mm	3.0mm	Copper
AMN55WTN	Tapered / Insulator Assy	13mm	3.0mm	Copper
AMN55WCYN	Cylindrical/Insulator Assy	17mm	3.0mm	Copper
A1• AMN55WCN-C	Conical Nozzle c/w Insulator & Retaining Ring			
AMN55WTN-C	Tapered Nozzle c/w Insulator & Retaining Ring			
AMN55WCYN-C	Cylindrical Nozzle c/w Insulator & Retaining Ring			

B Nozzle Retaining Rings

Part Number	Description	Size	Material
• AMN6WCNR	Nozzle Retaining Ring-Pull Off	30.5mm	Brass

C Contact Tips

Part Number	Description	Size (mm)	Wire Size (mm-inch)	Material
Standard Series				
AM6WCT09	Contact Tip	M10*35.5	0.9 - 0.035	CuCrZr
AM6WCT10	Contact Tip	M10*35.5	1.0 - 0.040	CuCrZr
• AM6WCT12	Contact Tip	M10*35.5	1.2 - 0.045	CuCrZr
AM6WCT14	Contact Tip	M10*35.5	1.4 - 0.055	CuCrZr
AM6WCT16	Contact Tip	M10*35.5	1.6 - 0.063	CuCrZr
AM6WCT20	Contact Tip	M10*35.5	2.0 - 0.080	CuCrZr
A Series				
AM6WCT10A	Contact Tip	M10*35.5	1.0 - 0.040	CuCrZr
AM6WCT12A	Contact Tip	M10*35.5	1.2 - 0.045	CuCrZr
AM6WCT16A	Contact Tip	M10*35.5	1.6 - 0.063	CuCrZr
AM6WCT20A	Contact Tip	M10*35.5	2.0 - 0.080	CuCrZr
AMC6WCT10A	Contact Tip	M10*35.5	1.0 - 0.040	Copper
AMC6WCT12A	Contact Tip	M10*35.5	1.2 - 0.045	Copper

• Denotes torch package standard wear part set-up

D Tip Adaptors

Part Number	Description	Material
• AM6OSWTAC-20	High Performance 2.0mm Recess	Copper
AM6OSWTAC-45	High Performance 4.5mm Recess	Copper
AM6OSWTAB-20	Tip Adaptor 2.0mm Recess	Brass
AM6OSWTAB-45	Tip Adaptor 4.5mm Recess	Brass

E Tip Adaptor Insulators

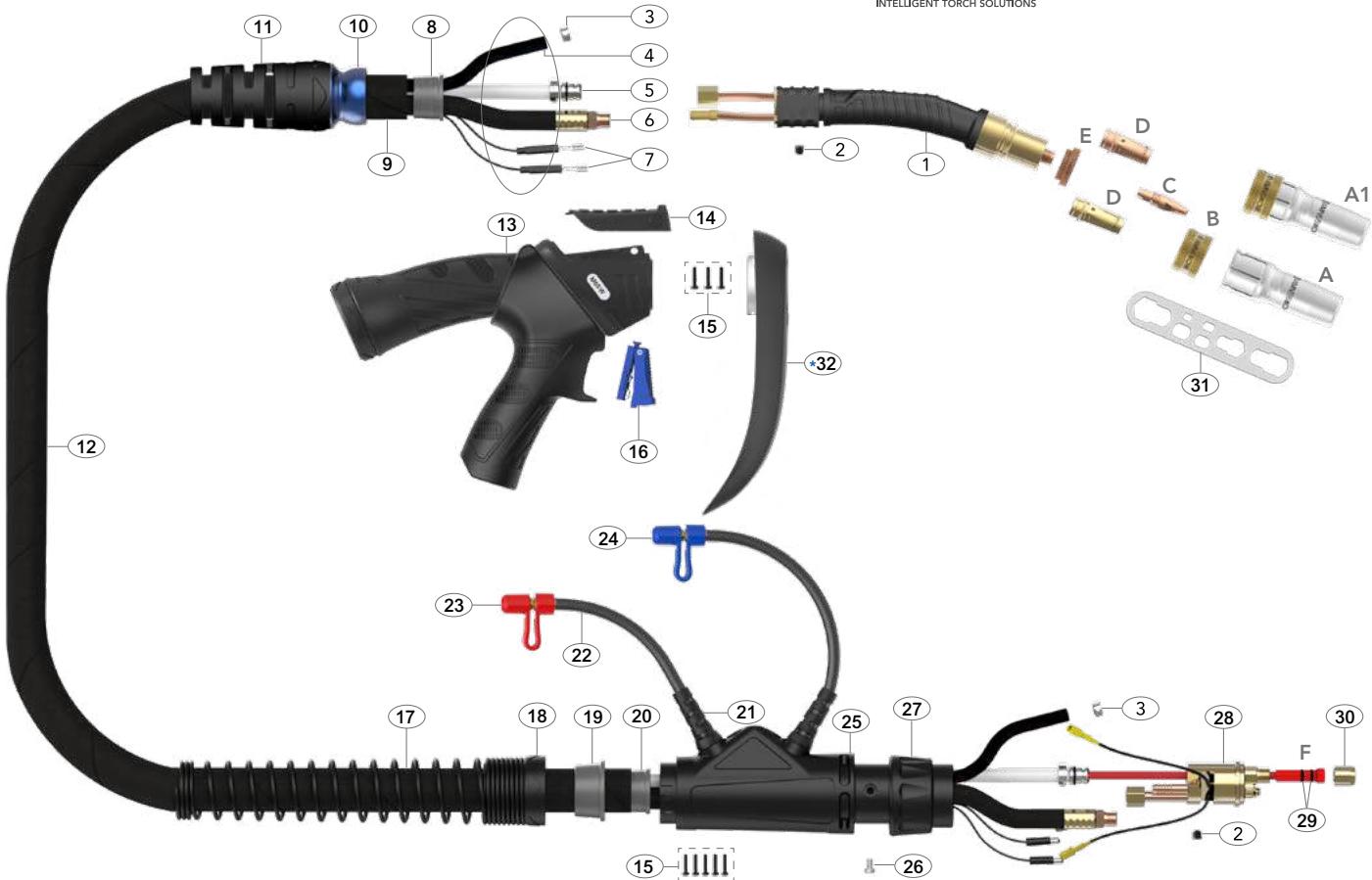
Part Number	Description
• AM55WTAI	Tip Adaptor Insulator

F Liners

Part Number	Description	Wire Size
• AM6SL-1012-30	Steel Liner x 3mt	0.8-1.2mm
• AM6SL-1012-40	Steel Liner x 4mt	0.8-1.2mm
• AM6SL-1012-50	Steel Liner x 5mt	0.8-1.2mm
AM6SL-16-30	Steel Liner x 3mt	1.6mm
AM6SL-16-40	Steel Liner x 4mt	1.6mm
AM6SL-16-50	Steel Liner x 5mt	1.6mm
AM6SL-20-30	Steel Liner x 3mt	2.0mm
AM6SL-20-40	Steel Liner x 4mt	2.0mm
AM6SL-20-50	Steel Liner x 5mt	2.0mm
AM6OSWL-1012-30	Soft Wire Liner x 3mt	1.0-1.2mm
AM6OSWL-1012-40	Soft Wire Liner x 4mt	1.0-1.2mm
AM6OSWL-1620-30	Soft Wire Liner x 3mt	1.6-2.0mm
AM6OSWL-1620-40	Soft Wire Liner x 4mt	1.6-2.0mm

For alternate liner options please refer to page 55-58

HIGH PERFORMANCE SERIES



Spare Parts

Part Number	Description
1	AM6502P
2	AM6X5
3	AM15400023
8	AMS8010
10	AM3208-1
11	AMS3208-S
13	AMP2515-KJ
14	AM2515-C
15	AMSP1-1
16	AM2516
17	AM8027
18	AM8028
19	AM8009
20	AM8010
21	AM1820
22	AM5017
23	AM80320
24	AM80310
25	AM5022
26	AM1526
27	AM1519
28	AM5098
29	AMLOR
30	AM1826
31	AMWS

Cable Parts

Description	Part Number	3mt	4mt	5mt			
4 Water Inlet Hose Assembly	AM5012-30	AM5012-40	AM5012-50				
5 Outer Liner Assembly	AM6008-30	AM6008-40	AM6008-50				
6 Power Cable Assembly	AM6015-30	AM6015-40	AM6015-50				
7 Switch Lead Assembly	AM5010-30	AM5010-40	AM5010-50				
9 Canvas Cover Assembly	AM5019-30	AM5019-40	AM5019-50				
12 Complete Cable Assembly	AM6006-30	AM6006-40	AM6006-50				
Retrofit Option (Not Fitted as Standard)							
*32 AM6502PHS-KIT		Heat Shield Kit For Pistol Handle					
Welding with Soft Wires							
For welding with Aluminum wires use a Soft Wire / Combi-Liner (page 57-58). Optimum installation is achieved when using the Soft Wire / Combi-Liner set-up kit.							
Optional Extra							
AMOSWLG		Soft Wire Liner Gasket (See Page 58)					
AMOSW-LINER-T		Soft Wire / Combi-Liner Set-up Kit (See Page 58)					

M65WFC Liquid-Cooled Mig Welding Torch

M65WFC	590A CO ₂ , 570A mixed gas M21, 420A pulse @100% Max. Load 26KW with 1600W liquid cooler, 1.2mm-2.4mm flux-cored wires
Ratings:	560A CO ₂ , 530A mixed gas M21, 380A pulse @100% Max. Load 24KW with 1200W liquid cooler, 1.2mm-2.4mm flux-cored wires

Specifically designed for self-shielded and dual-shielded flux-core wires, this product is built to perform in demanding, high-heat environments.

Suitable for larger wire sizes, the 22 degree neck is better for feeding both stiff and soft wires.
A retrofit heat shield is available for high reflected heat applications.

ARC M HIGH PERFORMANCE MIG TORCH PACKAGES

M65WFC Torches are supplied with a Euro termination as standard and are supplied with a pistol handle and 'ready to weld' with high performance M10 wear parts.



3mt
M65WFC-3M

4mt
M65WFC-4M



Wear Parts

Nozzles				
Part Number	Description	Bore	Wall	Material
A • AMN55WCN	Conical / Insulator Assy	15mm	3.0mm	Copper
AMN55WTN	Tapered / Insulator Assy	13mm	3.0mm	Copper
AMN55WCYN	Cylindrical/Insulator Assy	17mm	3.0mm	Copper
A1 • AMN55WCN-C	Conical Nozzle c/w Insulator & Retaining Ring			
AMN55WTN-C	Tapered Nozzle c/w Insulator & Retaining Ring			
AMN55WCYN-C	Cylindrical Nozzle c/w Insulator & Retaining Ring			

B Nozzle Retaining Rings			
Part Number	Description	Size	Material
• AMN6WCNR	Nozzle Retaining Ring-Pull Off	30.5mm	Brass

C Contact Tips				
Part Number	Description	Size (mm)	Wire Size (mm-inch)	Material
Standard Series				
AM6WCT12	Contact Tip	M10*35.5	1.2 - 0.045	CuCrZr
AM6WCT14	Contact Tip	M10*35.5	1.4 - 0.055	CuCrZr
AM6WCT16	Contact Tip	M10*35.5	1.6 - 0.063	CuCrZr
AM6WCT20	Contact Tip	M10*35.5	2.0 - 0.080	CuCrZr
• AM6WCT24	Contact Tip	M10*35.5	2.4 - 3/32	CuCrZr

E Tip Adaptor Insulators

Part Number	Description
• AM55WTAI	Tip Adaptor Insulator

F Liners

Part Number	Description	Wire Size
• AM6SL-2432-30	Steel Liner x 3mt	2.4-3.2mm
• AM6SL-2432-40	Steel Liner x 4mt	2.4-3.2mm
AM6SL-1012-30	Steel Liner x 3mt	1.0-1.2mm
AM6SL-1012-40	Steel Liner x 4mt	1.0-1.2mm
AM6SL-16-30	Steel Liner x 3mt	1.6mm
AM6SL-16-40	Steel Liner x 4mt	1.6mm
AM6SL-20-30	Steel Liner x 3mt	2.0mm
AM6SL-20-40	Steel Liner x 4mt	2.0mm

For alternate liner options please refer to page 55-58

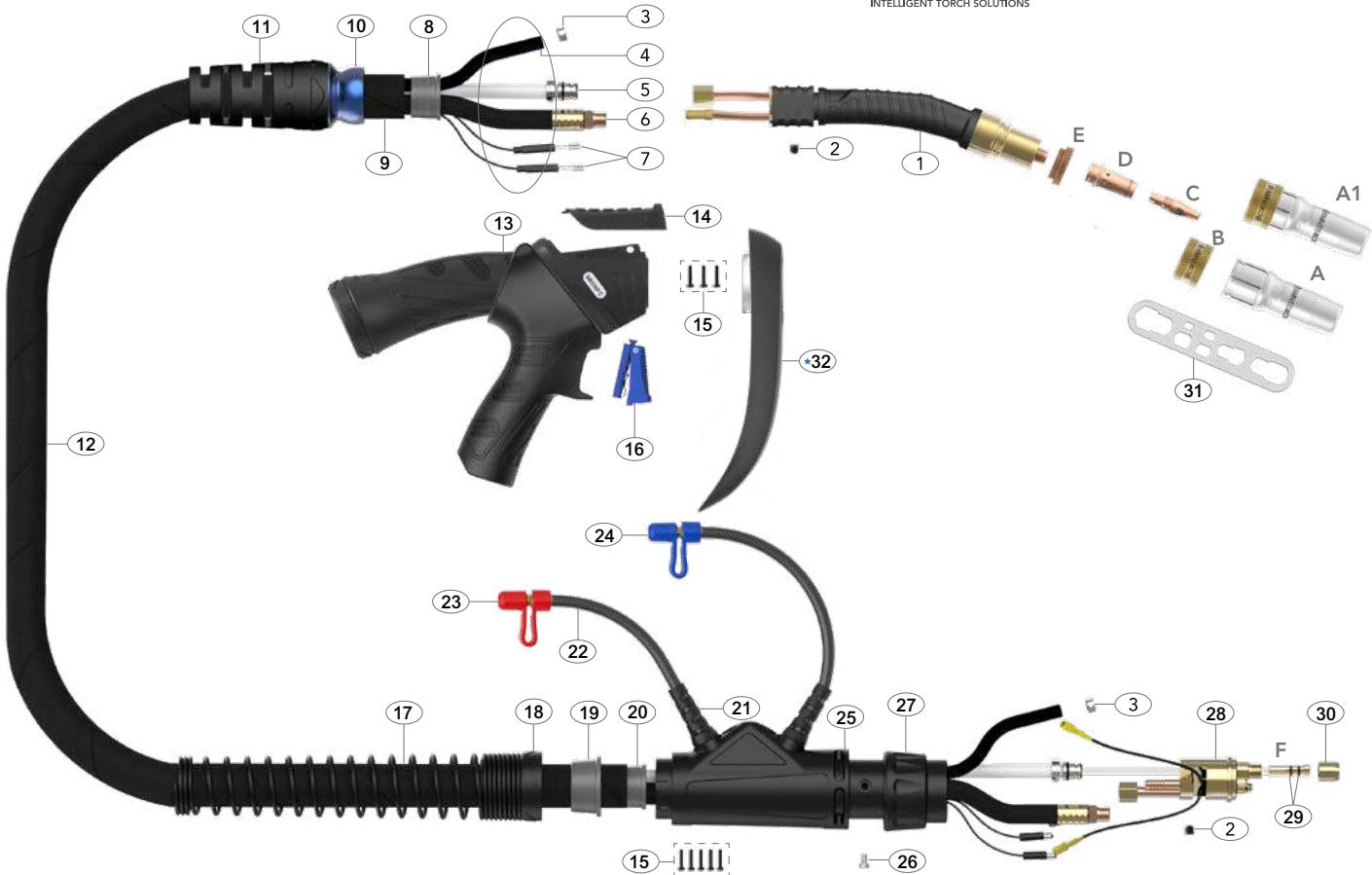
D Tip Adaptors

Part Number	Description	Material
-------------	-------------	----------

AM6WFCTAC-20	High Performance 2.0mm Recess	Copper
AM6WFCTAC-45	High Performance 4.5mm Recess	Copper

• Denotes torch package standard wear part set-up

HIGH PERFORMANCE SERIES



Spare Parts

Part Number	Description
1	AM6502P
2	AM6X5
3	AM15400023
8	AMS8010
10	AM3208-1
11	AMS3208-S
13	AMP2515-KJ
14	AM2515-C
15	AMSP1-1
16	AM2516
17	AM8027
18	AM8028
19	AM8009
20	AM8010
21	AM1820
22	AM5017
23	AM80320
24	AM80310
25	AM5022
26	AM1526
27	AM1519
28	AM5098FC
29	AMLOR
30	AM1826
31	AMWS

Cable Parts

Description	Part Number
3mt	4mt
4 Water Inlet Hose Assembly	AM5012-30
5 Outer Liner Assembly	AM6008FC-30
6 Power Cable Assembly	AM6015-30
7 Switch Lead Assembly	AM5010-30
9 Canvas Cover Assembly	AM5019-30
12 Complete Cable Assembly	AM6006FC-30

Retrofit Option (Not Fitted as Standard)

*32 AM6502PHS-KIT Heat Shield Kit For Pistol Handle

M5WM Liquid-Cooled Mig Welding Torch-Multijust

Ratings:	560A CO ₂ , 540A mixed gas M21, 380A pulse @100% Max. Load 24KW with 1600W liquid cooler, 0.8mm-1.6mm wires
	540A CO ₂ , 520A mixed gas M21, 350A pulse @100% Max. Load 22KW with 1200W liquid cooler, 0.8mm-1.6mm wires

Ideal for heavy duty 1.2mm high deposition and pulse applications with all wire types.

Fitted with a long neck with 360° rotation and an extended trigger as standard.

Perfect for multiple positions in difficult to reach areas.



ARC M HIGH PERFORMANCE MIG TORCH PACKAGES-MULTIJUST

M5WM Torches are supplied with a Euro termination as standard and are supplied 'ready to weld' with all wear parts fitted.



Wear Parts

Nozzles

Part Number	Description	Bore	Wall	Material
A •AMN5WCN	Conical / Insulator Assy	13.5mm	3.0mm	Copper
AMN5WTN	Tapered / Insulator Assy	11.5mm	3.0mm	Copper
AMN5WCYN	Cylindrical / Insulator Assy	16.0mm	3.0mm	Copper
A1•AMN5WCN-C	Conical Nozzle c/w Insulator & Retaining Ring			
AMN5WTN-C	Tapered Nozzle c/w Insulator & Retaining Ring			
AMN5WCYN-C	Cylindrical Nozzle c/w Insulator & Retaining Ring			

B Nozzle Retaining Rings

Part Number	Description	Size	Material
•AMN5WCNR	Nozzle Retaining Ring	29.5mm	Brass

C Contact Tips

Part Number	Description	Size (mm)	Wire Size (mm-inch)	Material
Standard Series				
AM5CT09	Contact Tip	M8*29.5	0.9 - 0.035	CuCrZr
AM5CT10	Contact Tip	M8*29.5	1.0 - 0.040	CuCrZr
•AM5CT12	Contact Tip	M8*29.5	1.2 - 0.045	CuCrZr
AM5CT14	Contact Tip	M8*29.5	1.4 - 0.055	CuCrZr
AM5CT16	Contact Tip	M8*29.5	1.6 - 0.063	CuCrZr
A Series				
AM5CT10A	Contact Tip	M8*29.5	1.0 - 0.040	CuCrZr
AM5CT12A	Contact Tip	M8*29.5	1.2 - 0.045	CuCrZr
AM5CT16A	Contact Tip	M8*29.5	1.6 - 0.063	CuCrZr
AM2CT10A	Contact Tip	M8*29.5	1.0 - 0.040	Copper
AM2CT12A	Contact Tip	M8*29.5	1.2 - 0.045	Copper

D Tip Adaptors

Part Number	Description	Material
AM5WTAC-20	High Performance 2.0mm Recess	Copper
AM5WTAC-45	High Performance 4.5mm Recess	Copper
AM5WTAB-20	Tip Adaptor 2.0mm Recess	Brass
AM5WTAB-45	Tip Adaptor 4.5mm Recess	Brass

E Tip Adaptor Insulators

Part Number	Description
AM5WTAI	Tip Adaptor Insulator

F Liners

Part Number	Description	Wire Size
AM6SL-1012-30	Steel Liner x 3mt	0.8-1.2mm
AM6SL-1012-40	Steel Liner x 4mt	0.8-1.2mm
AM6SL-1012-50	Steel Liner x 5mt	0.8-1.2mm
AM5PL-1012-30	Polyamide Liner x 3mt	1.0-1.2mm
AM5PL-1012-40	Polyamide Liner x 4mt	1.0-1.2mm
AM5PL-1620-30	Polyamide Liner x 3mt	1.6-2.0mm
AM5PL-1620-40	Polyamide Liner x 4mt	1.6-2.0mm

G Jump Liners

Part Number	Description	Wire Size
AM5WMJL-1012	Hard Wire Jump Liner	1.0-1.2mm
AM5WMJL-1620	Hard Wire Jump Liner	1.6-2.0mm
AM5WMJL-1012-B	Soft Wire Jump Liner	1.0-1.2mm
AM5WMJL-1620-B	Soft Wire Jump Liner	1.6-2.0mm

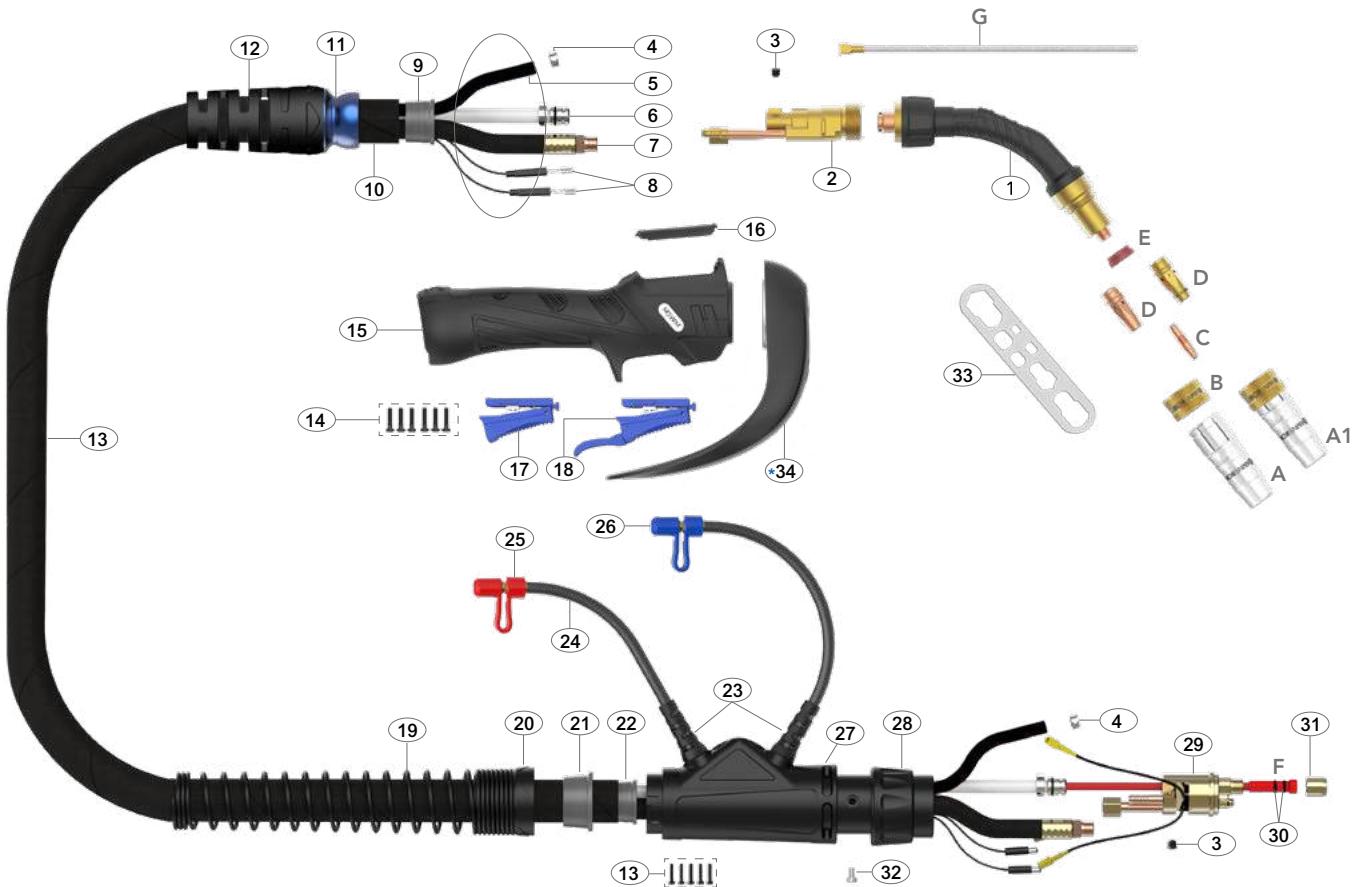
For alternate liner options please refer to page 55-59

• Denotes torch package standard wear part set-up

HIGH PERFORMANCE SERIES-MULTIJUST



MAKE WORK
LIFE EASIER



Spare Parts

Part Number	Description
1	AM5002M
2	AM5WM-B
3	AM6X5
4	15400023
9	AMS8010
11	AMS3208-1
12	AMS3208-S
14	AMSP1-1
15	AMJ2514-KJ
16	AM2514-C
17	AM2516
*18	AM2516L
19	AM8027
20	AM8028
21	AM8009
22	AM8010
23	AM1820
24	AM5017
25	AM80320
26	AM80310
27	AM5022
28	AM1519
29	AM5098
30	AMLR
31	AM1826

Part Number	Description
32	AM1526
33	AMWS

Cable Parts

Description	Part Number	3mt	4mt	5mt
5 Water Inlet Hose Assembly	AM5012-30	AM5012-40	AM5012-50	
6 Outer Liner Assembly	AM6008-30	AM6008-40	AM6008-50	
7 Power Cable Assembly	AM6015-30	AM6015-40	AM6015-50	
8 Switch Lead Assembly	AM5010-30	AM5010-40	AM5010-50	
10 Canvas Cover Assembly	AM5019-30	AM5019-40	AM5019-50	
13 Complete Cable Assembly	AM5506-30	AM5506-40	AM5506-50	

* Extended trigger fitted as standard

Retrofit Option (Not Fitted as Standard)

*34 AM5002HS-KIT	Heat Shield Kit For Standard Handle
------------------	-------------------------------------

Welding with Soft Wires

For welding with Aluminum wires use a Soft Wire / Combi-Liner (page 57-58). Optimum installation is achieved when using the Soft Wire / Combi-Liner set-up kit.

Optional Extra

AMOSWLG	Soft Wire Liner Gasket (See Page 58)
AMOSW-LINER-T	Soft Wire / Combi-Liner Set-up Kit (See Page 58)

M55WM Liquid-Cooled Mig Welding Torch-Multijust

Ratings:	580A CO ₂ , 560A mixed gas M21, 400A pulse @100% Max. Load 25KW with 1600W liquid cooler, 0.8mm-2.0mm wires
	550A CO ₂ , 530A mixed gas M21, 360A pulse @100% Max. Load 23KW with 1200W liquid cooler, 0.8mm-2.0mm wires

Ideal for all high deposition applications with high reflected heat.

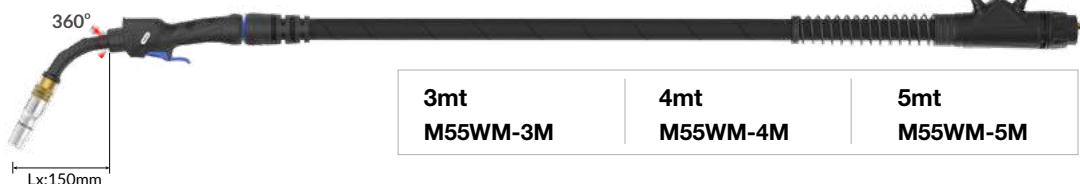
Fitted with a long neck with 360° rotation and an extended trigger as standard.

Perfect for multiple positions in difficult to reach areas.



ARC M HIGH PERFORMANCE MIG TORCH PACKAGES-MULTIJUST

M55WM Torches are supplied with a Euro termination as standard and are supplied 'ready to weld' with an M10 set-up.



Wear Parts

Nozzles

Part Number	Description	Bore	Wall	Material	
A •AMN55WCN	Conical / Insulator Assy	15mm	3.0mm	Copper	
AMN55WTN	Tapered / Insulator Assy	13mm	3.0mm	Copper	
AMN55WCYN	Cylindrical/Insulator Assy	17mm	3.0mm	Copper	
A1•AMN55WCN-C		Conical Nozzle c/w Insulator & Retaining Ring			
AMN55WTN-C	Tapered Nozzle c/w Insulator & Retaining Ring				
AMN55WCYN-C	Cylindrical Nozzle c/w Insulator & Retaining Ring				

B Nozzle Retaining Rings

Part Number	Description	Size	Material
•AMN6WCNR	Nozzle Retaining Ring	30.5mm	Brass

C Contact Tips

Part Number	Description	Size (mm)	Wire Size (mm-inch)	Material
Standard Series				
AM6WCT09	Contact Tip	M10*35.5	0.9 - 0.035	CuCrZr
AM6WCT10	Contact Tip	M10*35.5	1.0 - 0.040	CuCrZr
•AM6WCT12	Contact Tip	M10*35.5	1.2 - 0.045	CuCrZr
AM6WCT14	Contact Tip	M10*35.5	1.4 - 0.055	CuCrZr
AM6WCT16	Contact Tip	M10*35.5	1.6 - 0.063	CuCrZr
AM6WCT20	Contact Tip	M10*35.5	2.0 - 0.080	CuCrZr
A Series				
AM6WCT10A	Contact Tip	M10*35.5	1.0 - 0.040	CuCrZr
AM6WCT12A	Contact Tip	M10*35.5	1.2 - 0.045	CuCrZr
AM6WCT16A	Contact Tip	M10*35.5	1.6 - 0.063	CuCrZr
AM6WCT20A	Contact Tip	M10*35.5	2.0 - 0.080	CuCrZr
AMC6WCT10A	Contact Tip	M10*35.5	1.0 - 0.040	Copper
AMC6WCT12A	Contact Tip	M10*35.5	1.2 - 0.045	Copper

• Denotes torch package standard wear part set-up

D Tip Adaptors

Part Number	Description	Wire Size
AM6OSWTAC-20	High Performance 2.0mm Recess	Copper
AM6OSWTAC-45	High Performance 4.5mm Recess	Copper
AM6OSWTAB-20	Tip Adaptor 2.0mm Recess	Brass
AM6OSWTAB-45	Tip Adaptor 4.5mm Recess	Brass

E Tip Adaptor Insulators

Part Number	Description
AM55WTAI	Tip Adaptor Insulator

F Liners

Part Number	Description	Wire Size
AM6SL-16-30	Steel Liner x 3mt	1.6mm
AM6SL-16-40	Steel Liner x 4mt	1.6mm
AM6SL-16-50	Steel Liner x 5mt	1.6mm
AM6SL-20-30	Steel Liner x 3mt	2.0mm
AM6SL-20-40	Steel Liner x 4mt	2.0mm
AM6SL-20-50	Steel Liner x 5mt	2.0mm
AM5PL-1012-30	Polyamide Liner x 3mt	1.0-1.2mm
AM5PL-1012-40	Polyamide Liner x 4mt	1.0-1.2mm
AM5PL-1620-30	Polyamide Liner x 3mt	1.6-2.0mm
AM5PL-1620-40	Polyamide Liner x 4mt	1.6-2.0mm

G Jump Liners

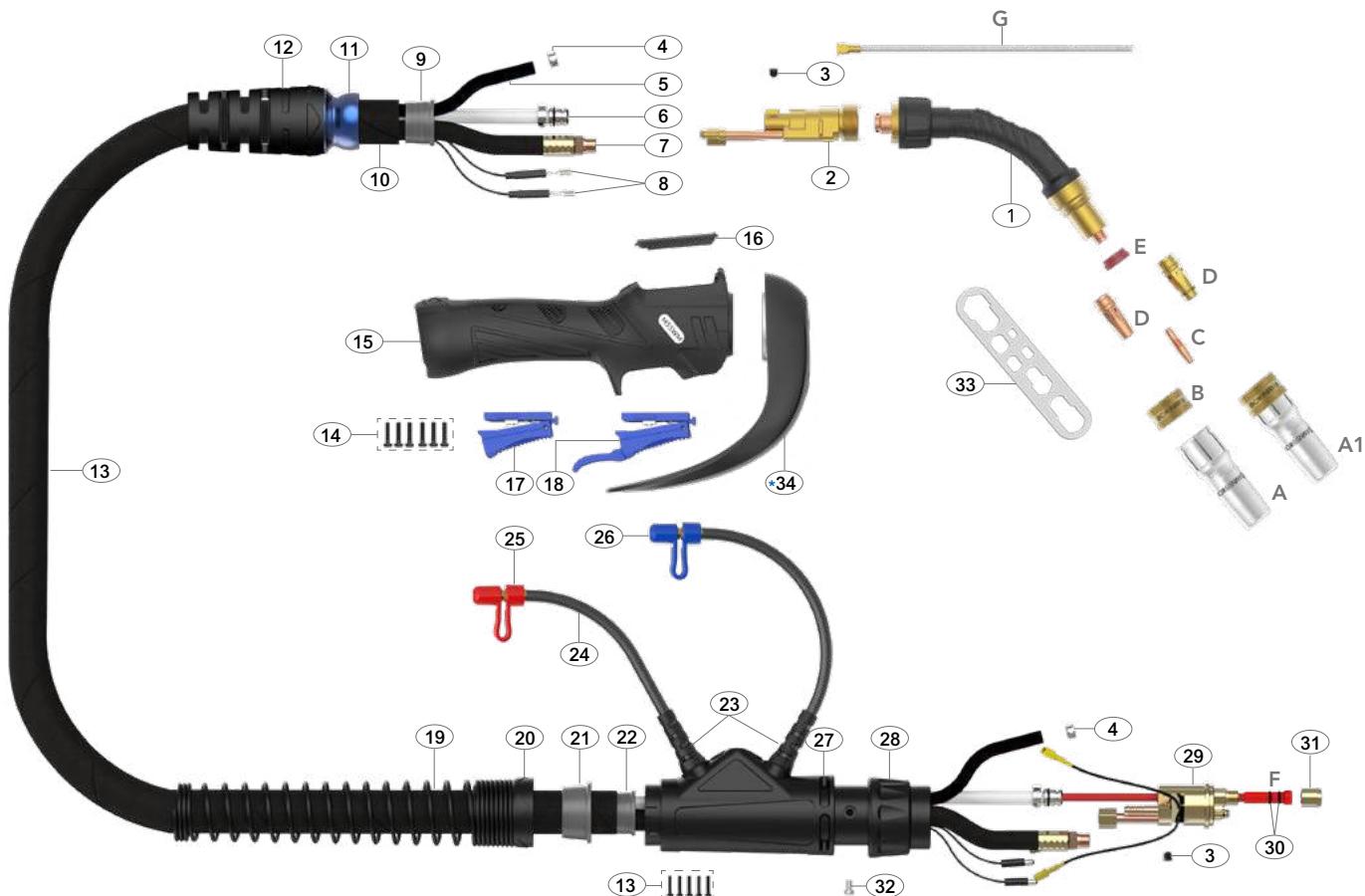
Part Number	Description	Wire Size
AM55WMJL-1012	Hard Wire Jump Liner	1.0-1.2mm
AM55WMJL-1620	Hard Wire Jump Liner	1.6-2.0mm
AM55WMJL-1012-B	Soft Wire Jump Liner	1.0-1.2mm
AM55WMJL-1620-B	Soft Wire Jump Liner	1.6-2.0mm

For alternate liner options please refer to page 55-59

HIGH PERFORMANCE SERIES-MULTIJUST



MAKE WORK
LIFE EASIER



Spare Parts

Part Number	Description
1 AM5502M	Swan Neck Assembly
2 AM5WM-B	Water-Cooled Block c/w Shut off Valve
3 AM6X5	Outer Liner Retaining Screw
4 15400023	Water Hose Clamp 10mm
9 AMS8010	Canvas Cover Retainer
11 AMS3208-1	Ball Joint
12 AMS3208-S	Cable Support With Nut
14 AMSP1-1	Screw Pack
15 AMJ2514-KJ	Arc M Multijust Small Handle Assembly
16 AM2514-C	Arc M Blank Canopy
17 AM2516	Microswitch Standard Trigger
*18 AM2516L	Microswitch Extended Trigger
19 AM8027	Cable Support Spring
20 AM8028	Housing Lock Nut
21 AM8009	Canvas Cover Clamp
22 AM8010	Canvas Cover Retainer
23 AM1820	Hose Support
24 AM5017	Water Outlet Hose Assembly
25 AM80320	Red Cap Stopper
26 AM80310	Blue Cap Stopper
27 AM5022	Housing Assembly
28 AM1519	Gun Plug Nut
29 AM5098	Water-Cooled Plug Body Assembly
30 AMLOR	Liner 'O' Ring
31 AM1826	Liner Retaining Nut

Part Number	Description
32 AM1526	Gun Plug Screw (M4 x 0.7)
33 AMWS	Wear Parts Spanner

Cable Parts

Description	Part Number	3mt	4mt	5mt
5 Water Inlet Hose Assembly	AM5012-30	AM5012-40	AM5012-50	
6 Outer Liner Assembly	AM6008-30	AM6008-40	AM6008-50	
7 Power Cable Assembly	AM6015-30	AM6015-40	AM6015-50	
8 Switch Lead Assembly	AM5010-30	AM5010-40	AM5010-50	
10 Canvas Cover Assembly	AM5019-30	AM5019-40	AM5019-50	
13 Complete Cable Assembly	AM5506-30	AM5506-40	AM5506-50	

* Extended trigger fitted as standard

Retrofit Option (Not Fitted as Standard)

*34 AM5002HS-KIT	Heat Shield Kit For Standard Handle
------------------	-------------------------------------

Welding with Soft Wires

For welding with Aluminum wires use a Soft Wire / Combi-Liner (page 57-58). Optimum installation is achieved when using the Soft Wire / Combi-Liner set-up kit.

Optional Extra

AMOSWLG	Soft Wire Liner Gasket (See Page 58)
AMOSW-LINER-T	Soft Wire / Combi-Liner Set-up Kit (See Page 58)

Nozzles



Part No.	Description	Bore	Wall	Material	M1	M18	M2/M2M	M22/M22M
AM1CN	Conical Nozzle Assembly	12mm	1.0mm	Copper	●			
AM1TN	Tapered Nozzle Assembly	10.6mm	1.0mm	Copper	●	●	●	●
AM18CN	Conical Nozzle Assembly	14mm	1.5mm	Copper	●	●	●	●
AM18TN	Tapered Nozzle Assembly	12mm	1.5mm	Copper	●	●	●	●
AM2CN	Conical Nozzle Assembly	15mm	1.9mm	Copper	●	●	●	●
AM2TN	Tapered Nozzle Assembly	12mm	1.9mm	Copper	●	●	●	●
AM22CN	Conical Nozzle Assembly	16mm	1.75mm	Copper	●	●	●	●
AM22TN	Tapered Nozzle Assembly	14mm	1.75mm	Copper	●	●	●	●
AM22CNHD	Conical Nozzle HD Assembly	16mm	2.00mm	Copper	●	●	●	●

Contact Tips



Part No.	Description	Size mm	Wire Size mm-Inch	Material	M1	M18	M2/M2M	M22/M22M
Standard Series - Recommended for Fe, Fe-MC/FC Set-up								
AM1CT06	Contact Tip	M6*25.0	0.6-0.023	Copper	●	●	●	●
AM1CT08	Contact Tip	M6*25.0	0.8-0.030	Copper	●	●	●	●
AM1CT09	Contact Tip	M6*25.0	0.9-0.035	Copper	●	●	●	●
AM1CT10	Contact Tip	M6*25.0	1.0-0.040	Copper	●	●	●	●
AM1CT12	Contact Tip	M6*25.0	1.2-0.045	Copper	●	●	●	●



AM2CT08	Contact Tip	M8*29.5	0.8-0.030	Copper	●	●	●	●
AM2CT09	Contact Tip	M8*29.5	0.9-0.035	Copper	●	●	●	●
AM2CT10	Contact Tip	M8*29.5	1.0-0.040	Copper	●	●	●	●
AM2CT12	Contact Tip	M8*29.5	1.2-0.045	Copper	●	●	●	●



AM1CT08A	Contact Tip	M6*25.0	0.8-0.030	Copper	●	●	●	●
AM1CT10A	Contact Tip	M6*25.0	1.0-0.040	Copper	●	●	●	●
AM1CT12A	Contact Tip	M6*25.0	1.2-0.045	Copper	●	●	●	●



AM2CT08A	Contact Tip	M8*29.5	0.8-0.030	Copper	●	●	●	●
AM2CT10A	Contact Tip	M8*29.5	1.0-0.040	Copper	●	●	●	●
AM2CT12A	Contact Tip	M8*29.5	1.2-0.045	Copper	●	●	●	●

● Standard wear part range ● Torch package standard wear part set-up

ARC M

Part No.	Description	Material	M1	M18	M2/M2M	M22/M22M
AM1TA	Tip Adaptor	Brass	●	●	●	●
AM18TA	Tip Adaptor	Brass	●	●	●	●
AM2TA	Tip Adaptor	Brass	●	●	●	●
AM22TA	Tip Adaptor	Brass	●	●	●	●

Liners

Filler Metal

Steel Liner Recommended for: Fe, Fe-MC/FC. Light and medium duty applications

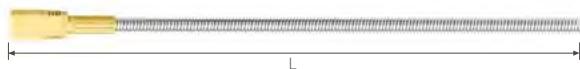
Part No.	Description	Nipple	Wire Size mm	M1	M18	M2/M2M	M22/M22M
AM1535-30	Steel Liner x 3mt	Moulded Nipple	0.6-0.9	●	●	●	●
AM1535-40	Steel Liner x 4mt	Moulded Nipple	0.6-0.9	●	●	●	●
AM1535-50	Steel Liner x 5mt	Moulded Nipple	0.6-0.9	●	●	●	●



AM2524-30	Steel Liner x 3mt	Moulded Nipple	1.0-1.2	●	●	●	●
AM2524-40	Steel Liner x 4mt	Moulded Nipple	1.0-1.2	●	●	●	●
AM2524-50	Steel Liner x 5mt	Moulded Nipple	1.0-1.2	●	●	●	●



AM2MJL	Neck Jump Liner - Hard Wire(L:170mm)	Brass Nipple	0.8-1.2	●	●	●	●
AM22MJL	Neck Jump Liner - Hard Wire(L:186.5mm)	Brass Nipple	0.8-1.2	●	●	●	●



● Standard wear part range ● Torch package standard wear part set-up

Liners

Filler Metal

Al - Combi Liner Recommended for: Air-Cooled torches, Can be used for SS-MC/FC wires

Part No.	Description	Nipple	Wire Size mm	M1	M18	M2/M2M	M22/M22M
AM1564-30	Combi-Liner x 3mt	Brass Nipple	0.8-1.2	●	●	●	●
AM1564-40	Combi-Liner x 4mt	Brass Nipple	0.8-1.2	●	●	●	●
AM1564-50	Combi-Liner x 5mt	Brass Nipple	0.8-1.2	●	●	●	●

Note: Uses 4.0mm Wire Guide



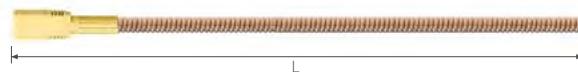
Al - Soft Wire Liner Recommended for: Air-Cooled torches, Can be used for SS-MC/FC wires

AM1564A-30	Soft Wire Liner x 3mt	Brass Nipple	0.8-1.2	●	●	●	●
AM1564A-40	Soft Wire Liner x 4mt	Brass Nipple	0.8-1.2	●	●	●	●
AM1564A-50	Soft Wire Liner x 5mt	Brass Nipple	0.8-1.2	●	●	●	●

Note: Uses 4.0mm Wire Guide



AM2MJL-B	Neck Jump Liner - Soft Wire(L:170mm)	Brass Nipple	0.8-1.2	●	●	●	●
AM22MJL-B	Neck Jump Liner - Soft Wire(L:186.5mm)	Brass Nipple	0.8-1.2	●	●	●	●



AM15L_4.4X200	Wire Guide Tube 4.0mm (L:200mm)	● ● ● ● ●
---------------	---------------------------------	-----------



Welding with Soft Wires

For welding with Aluminum wires use a Combi-liner.

Optimum installation is achieved when using the Combi-liner set-up kit.

● Standard wear part range ● Torch package standard wear part set-up

Air-Cooled Nozzles - 2 Piece

Part No.	Description	Bore	Wall	M3	M4	M5	M6
AM3HDTN	Tapered Nozzle	12mm	3mm	Copper	●	● ● ●	
AM3HDCN	Conical Nozzle	14mm	3mm	Copper	●	● ● ●	
AM3HDCYN	Cylindrical Nozzle	19mm	3mm	Copper	●	● ● ●	
AM4HDTN	Tapered Nozzle	13mm	3mm	Copper	● ●	● ●	
AM4HDCN	Conical Nozzle	15mm	3mm	Copper	● ●	● ●	
AM4HDCYN	Cylindrical Nozzle	21mm	3mm	Copper	● ●	● ●	
AM5HDTN	Tapered Nozzle	13mm	3.5mm	Copper	● ●	● ●	
AM5HDCN	Conical Nozzle	15mm	3.5mm	Copper	● ●	● ●	●
AM5HDCYN	Cylindrical Nozzle	21mm	3.5mm	Copper	● ●	● ●	●
AM6HDTN	Tapered Nozzle	13mm	3.5mm	Copper	● ●	● ●	●
AM6HDCN	Conical Nozzle	15mm	3.5mm	Copper	● ●	● ●	●
AM6HDCYN	Cylindrical Nozzle	23mm	3.5mm	Copper	● ●	● ●	●

Air-Cooled Narrow Gap Nozzles - 2 Piece

Part No.	Description	Bore	Wall	Material	M3	M4	M5	M6
AM3TN-NG	Tapered Nozzle, Narrow Gap	8mm	2.0mm	Copper	●	● ● ●		
AM3PN-NG	Pipeline Nozzle, Narrow Gap	10mm	2.0mm	Copper	●	● ● ●		
AM4TN-NG	Tapered Nozzle, Narrow Gap	10mm	2.0mm	Copper	● ●	● ●		
AM4PN-NG	Pipeline Nozzle, Narrow Gap	12mm	2.0mm	Copper	● ●	● ●		

● Standard wear part range ● Torch package standard wear part set-up

Air-Cooled Insulator - 2 Piece Nozzle

Part No.	Description	Bore	Wall	M3	M4	M5	M6
AM3HDNI	Nozzle Insulator			●	●	●	●
AM4HDNI	Nozzle Insulator			●	●	●	●
AM5HDNI	Nozzle Insulator			●	●	●	●
AM6HDNI	Nozzle Insulator			●	●	●	●

Air-Cooled Nozzles - Single Piece

Lasts
3 Times
Longer!

Part No.	Description	Bore	Wall	Material	M3	M4	M5	M6
AM3TN	Tapered Nozzle / Insulator Assy	12mm	2.25mm	Copper	●	●	●	●
AM3CN	Conical Nozzle / Insulator Assy	14mm	2.25mm	Copper	●	●	●	●
AM3CYN	Cylindrical Nozzle / Insulator Assy	19mm	2.25mm	Copper	●	●	●	●
AM4TN	Tapered Nozzle / Insulator Assy	13mm	2.25mm	Copper	●	●	●	●
AM4CN	Conical Nozzle / Insulator Assy	15mm	2.25mm	Copper	●	●	●	●
AM4CYN	Cylindrical Nozzle / Insulator Assy	21mm	2.25mm	Copper	●	●	●	●
AM5TN	Tapered Nozzle / Insulator Assy	13mm	2.5mm	Copper	●	●	●	●
AM5CN	Conical Nozzle / Insulator Assy	15mm	2.5mm	Copper	●	●	●	●
AM5CYN	Cylindrical Nozzle / Insulator Assy	21mm	2.5mm	Copper	●	●	●	●
AM6TN	Tapered Nozzle / Insulator Assy	13mm	2.5mm	Copper	●	●	●	●
AM6CN	Conical Nozzle / Insulator Assy	15mm	2.5mm	Copper	●	●	●	●
AM6CYN	Cylindrical Nozzle / Insulator Assy	23mm	2.5mm	Copper	●	●	●	●

● Standard wear part range ● Torch package standard wear part set-up

M4W
M5W/M5WM
M55W/M55WM
M65W/WS
M65W/LP
M65WFC

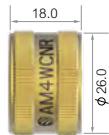
Liquid-Cooled Nozzles - Separate

Part No.	Description	Bore	Wall	Material	M4W	M5W/M5WM	M55W/M55WM	M65W/WS	M65W/LP	M65WFC
AM4WCN	Conical / Insulator Assy	13mm	2.5mm	Copper	●	●	●	●	●	●
AM4WCYN	Cylindrical / Insulator Assy	15mm	2.5mm	Copper	●	●	●	●	●	●
AMN5WCN	Conical / Insulator Assy	13.5mm	3.0mm	Copper	●	●	●	●	●	●
AMN5WTN	Tapered / Insulator Assy	11.5mm	3.0mm	Copper	●	●	●	●	●	●
AMN5WCYN	Cylindrical / Insulator Assy	16.0mm	3.0mm	Copper	●	●	●	●	●	●
AMN55WCN	Conical / Insulator Assy	15mm	3.0mm	Copper	●	●	●	●	●	●
AMN55WTN	Tapered / Insulator Assy	13mm	3.0mm	Copper	●	●	●	●	●	●
AMN55WCYN	Cylindrical / Insulator Assy	17mm	3.0mm	Copper	●	●	●	●	●	●

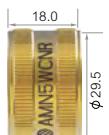
Liquid-Cooled Narrow Gap Nozzles - Separate

Part No.	Description	Bore	Wall	Material	M4W	M5W/M5WM	M55W/M55WM	M65W/WS	M65W/LP	M65WFC
AM5WTN-NG	Tapered Nozzle Assy, Narrow Gap	8mm	2.0mm	Copper	●	●	●	●	●	●
AM5WPN-NG	Pipeline Nozzle Assy, Narrow Gap	10mm	2.0mm	Copper	●	●	●	●	●	●
AM55WTN-NG	Tapered Nozzle Assy, Narrow Gap	10mm	2.0mm	Copper	●	●	●	●	●	●
AM55WPN-NG	Pipeline Nozzle Assy, Narrow Gap	12mm	2.0mm	Copper	●	●	●	●	●	●

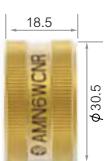
Nozzle Retaining Rings



Part No.	Description	Size	Material	M4W	M5W/M5WM	M55W/M55WM	M65W/WS	M65WLP	M65WFC
AM4WCNR	Nozzle Retaining Ring	26.0mm	Brass	●	● ● ● ● ●				



AMN5WCNR	Nozzle Retaining Ring	29.5mm	Brass	●	● ● ● ● ●				
----------	-----------------------	--------	-------	---	-----------	--	--	--	--



AMN6WCNR	Nozzle Retaining Ring	30.5mm	Brass	● ●	● ● ● ● ●				
----------	-----------------------	--------	-------	-----	-----------	--	--	--	--

Liquid-Cooled Nozzles -Complete



M4W
M5W/M5WM
M55W/M55WM
M65W/WS
M65WLP
M65WFC



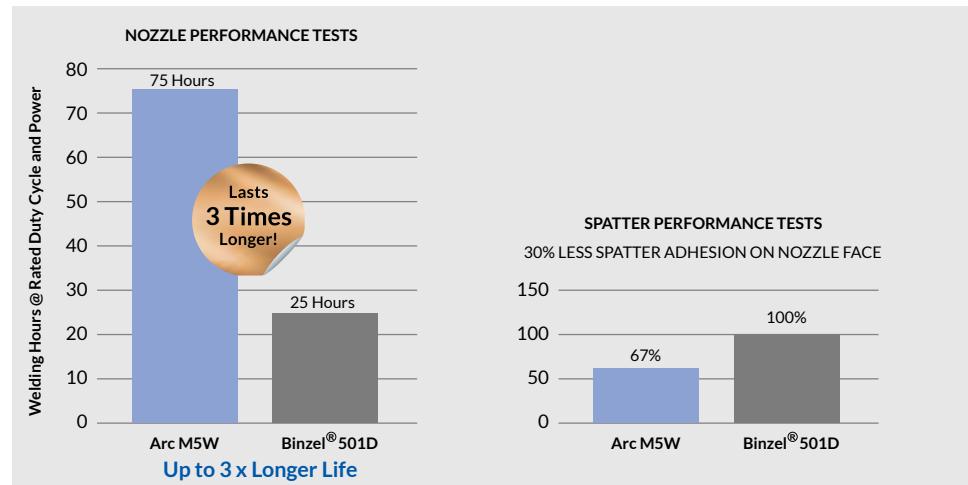
Part No.	Description	M4W	M5W/M5WM	M55W/M55WM	M65W/WS	M65WLP	M65WFC
AM4WCN-C AM4WCYN-C	Conical Nozzle c/w Insulator and Retaining Ring Cylindrical Nozzle c/w Insulator and Retaining Ring	● ●	● ● ● ● ●				



AMN5WCN-C AMN5WTN-C AMN5WCYN-C	Conical Nozzle c/w Insulator and Retaining Ring Tapered Nozzle c/w Insulator and Retaining Ring Cylindrical Nozzle c/w Insulator and Retaining Ring	● ●	● ● ● ● ●	● ● ● ● ●			
--------------------------------------	---	-----	-----------	-----------	--	--	--



AMN55WCN-C AMN55WTN-C AMN55WCYN-C	Conical Nozzle c/w Insulator and Retaining Ring Tapered Nozzle c/w Insulator and Retaining Ring Cylindrical Nozzle c/w Insulator and Retaining Ring	● ● ●	● ● ● ● ●	● ● ● ● ●			
---	---	-------	-----------	-----------	--	--	--



® All trademarks are the property of their respective owners and usage is for cross reference only

● Standard wear part range ● Torch package standard wear part set-up

WEAR PARTS

High Performance Series



MAKE WORK
LIFE EASIER

Lasts
6 Times
Longer!

Contact Tips



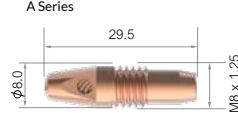
Part No.	Description	Size mm	Wire Size mm-Inch	Material	Wire Type	M3	M4	M5	M6	M4W	M5W/M5MM	M5W/M55WM	M65W/W5	M65WLP	M65WFC
Standard Series - Recommended for Fe, Fe-MC/FC Set-up															
AM5CT09	Contact Tip	M8*29.5	0.9-0.035	CuCrZr		●	●	●	●	●	●	●	●	●	●
AM5CT10	Contact Tip	M8*29.5	1.0-0.040	CuCrZr	Fe, Fe-FC/MC	●	●	●	●	●	●	●	●	●	●
AM5CT12	Contact Tip	M8*29.5	1.2-0.045	CuCrZr	SS,SS-FC/MC	●	●	●	●	●	●	●	●	●	●
AM5CT14	Contact Tip	M8*29.5	1.4-0.055	CuCrZr	upto 1.2mm		●	●	●	●	●	●	●	●	●
AM5CT16	Contact Tip	M8*29.5	1.6-0.063	CuCrZr			●	●	●	●	●	●	●	●	●



Standard Series - Recommended for Fe, Fe-MC/FC Set-up															
AM6CT09	Contact Tip	M12*40.5	0.9-0.035	CuCrZr		●	●	●	●	●	●	●	●	●	●
AM6CT10	Contact Tip	M12*40.5	1.0-0.040	CuCrZr		●	●	●	●	●	●	●	●	●	●
AM6CT12	Contact Tip	M12*40.5	1.2-0.045	CuCrZr	Fe, Fe-FC/MC	●	●	●	●	●	●	●	●	●	●
AM6CT14	Contact Tip	M12*40.5	1.4-0.055	CuCrZr	SS,SS-FC/MC		●	●	●	●	●	●	●	●	●
AM6CT16	Contact Tip	M12*40.5	1.6-0.063	CuCrZr	upto 1.2mm		●	●	●	●	●	●	●	●	●
AM6CT20	Contact Tip	M12*40.5	2.0-0.080	CuCrZr			●	●	●	●	●	●	●	●	●



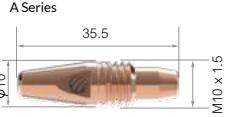
Standard Series - Recommended for Fe, Fe-MC/FC Set-up															
AM6WCT09	Contact Tip	M10*35.5	0.9-0.035	CuCrZr		●	●	●	●	●	●	●	●	●	●
AM6WCT10	Contact Tip	M10*35.5	1.0-0.040	CuCrZr		●	●	●	●	●	●	●	●	●	●
AM6WCT12	Contact Tip	M10*35.5	1.2-0.045	CuCrZr	Fe, Fe-FC/MC	●	●	●	●	●	●	●	●	●	●
AM6WCT14	Contact Tip	M10*35.5	1.4-0.055	CuCrZr	SS,SS-FC/MC		●	●	●	●	●	●	●	●	●
AM6WCT16	Contact Tip	M10*35.5	1.6-0.063	CuCrZr	upto 1.2mm		●	●	●	●	●	●	●	●	●
AM6WCT20	Contact Tip	M10*35.5	2.0-0.080	CuCrZr			●	●	●	●	●	●	●	●	●
AM6WCT24	Contact Tip	M10*35.5	2.4-3/32	CuCrZr			●	●	●	●	●	●	●	●	●



A Series - Recommended for Aluminium and SS Set-up															
AM5CT10A	Contact Tip	M8*29.5	1.0-0.040	CuCrZr		●	●	●	●	●	●	●	●	●	●
AM5CT12A	Contact Tip	M8*29.5	1.2-0.045	CuCrZr		●	●	●	●	●	●	●	●	●	●
AM5CT16A	Contact Tip	M8*29.5	1.6-0.063	CuCrZr	Aluminium		●	●	●	●	●	●	●	●	●
AM2CT10A	Contact Tip	M8*29.5	1.0-0.040	Copper	SS, SS-FC/MC	upto 1.6mm	●	●	●	●	●	●	●	●	●
AM2CT12A	Contact Tip	M8*29.5	1.2-0.045	Copper			●	●	●	●	●	●	●	●	●



A Series - Recommended for Aluminium and SS Set-up															
AM6CT10A	Contact Tip	M12*40.5	1.0-0.040	CuCrZr		●	●	●	●	●	●	●	●	●	●
AM6CT12A	Contact Tip	M12*40.5	1.2-0.045	CuCrZr	Aluminium	●	●	●	●	●	●	●	●	●	●
AM6CT16A	Contact Tip	M12*40.5	1.6-0.063	CuCrZr	SS, SS-FC/MC	upto 1.6mm	●	●	●	●	●	●	●	●	●
AM6CT20A	Contact Tip	M12*40.5	2.0-0.080	CuCrZr			●	●	●	●	●	●	●	●	●
AMC6CT10A	Contact Tip	M12*40.5	1.2-0.045	Copper			●	●	●	●	●	●	●	●	●
AMC6CT12A	Contact Tip	M12*40.5	2.0-0.080	Copper			●	●	●	●	●	●	●	●	●



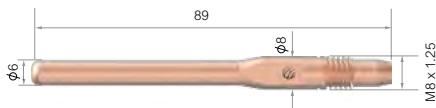
A Series - Recommended for Aluminium and SS Set-up															
AM6WCT10A	Contact Tip	M10*35.5	1.0-0.040	CuCrZr		●	●	●	●	●	●	●	●	●	●
AM6WCT12A	Contact Tip	M10*35.5	1.2-0.045	CuCrZr		●	●	●	●	●	●	●	●	●	●
AM6WCT16A	Contact Tip	M10*35.5	1.6-0.063	CuCrZr	Aluminium	●	●	●	●	●	●	●	●	●	●
AM6WCT20A	Contact Tip	M10*35.5	2.0-0.080	CuCrZr	SS, SS-FC/MC	1.6mm	●	●	●	●	●	●	●	●	●
AMC6WCT10A	Contact Tip	M10*35.5	1.0-0.040	Copper			●	●	●	●	●	●	●	●	●
AMC6WCT12A	Contact Tip	M10*35.5	1.2-0.045	Copper			●	●	●	●	●	●	●	●	●

● Standard wear part range ● Torch package standard wear part set-up

Narrow Gap Contact Tips



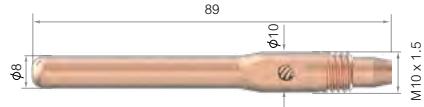
Part No.	Description	Size mm	Wire Size mm-Inch	Material	M3	M4	M5	M6	M4W	M5W/M5WM	M55W/M5WS	M65WLP	M65WF
A Series - Recommended for Aluminium and SS Set-up													
AM5CT10T	Contact Tapered	M8*63.5mm	1.0-0.040	CuCrZr	●	●	●	●	●	●	●	●	●
AM5CT12T	Contact Tapered	M8*63.5mm	1.2-0.045	CuCrZr	●	●	●	●	●	●	●	●	●



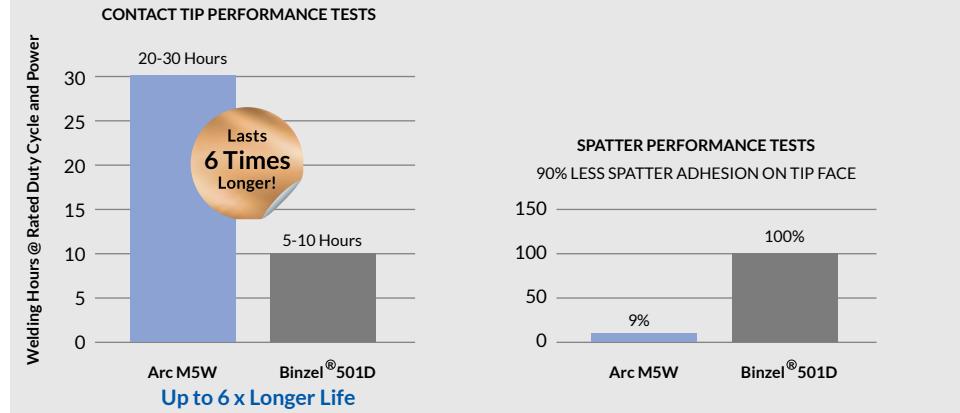
A Series - Recommended for Aluminium and SS Set-up													
AM5CT10L	Contact Pipeline	M8*89mm	1.0-0.040	CuCrZr	●	●	●	●	●	●	●	●	●
AM5CT12L	Contact Pipeline	M8*89mm	1.2-0.045	CuCrZr	●	●	●	●	●	●	●	●	●



A Series - Recommended for Aluminium and SS Set-up													
AM6WCT10T	Contact Tapered	M10*63.5mm	1.0-0.040	CuCrZr	●	●	●	●	●	●	●	●	●
AM6WCT12T	Contact Tapered	M10*63.5mm	1.2-0.045	CuCrZr	●	●	●	●	●	●	●	●	●



A Series - Recommended for Aluminium and SS Set-up													
AM6WCT10L	Contact Pipeline	M10*89mm	1.0-0.040	CuCrZr	●	●	●	●	●	●	●	●	●
AM6WCT12L	Contact Pipeline	M10*89mm	1.2-0.045	CuCrZr	●	●	●	●	●	●	●	●	●



® All trademarks are the property of their respective owners and usage is for cross reference only

● Standard wear part range ● Torch package standard wear part set-up

WEAR PARTS

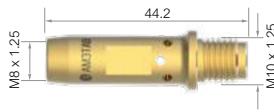
High Performance Series



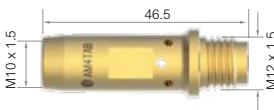
MAKE WORK
LIFE EASIER



Tip Adaptors



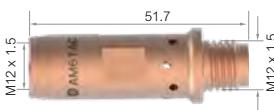
Part No.	Description	Length	Material	Transfer	Amps / Pulse	M3	M4	M5	M6	M4W	M5W/M5WM	M55W/W5	M65WLP	M65WFC
Recommended for high amperages, high duty and pulse welding. Tips run cooler														
AM3TAC	Tip Adaptor High Performance	44.2mm	CuCrZr		High Current Pulse	●	●	●	●	●	●	●	●	●
AM3TAB	Tip Adaptor	44.2mm	Brass		Low Current Pulse	●	●	●	●	●	●	●	●	●



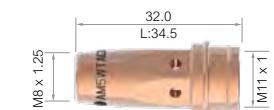
AM4TAC	Tip Adaptor High Performance	46.5mm	CuCrZr		High Current Pulse	●	●	●	●	●	●	●	●	●
AM4TAB	Tip Adaptor	46.5mm	Brass		Low Current Pulse	●	●	●	●	●	●	●	●	●



AM5TAC	Tip Adaptor High Performance	51.7mm	CuCrZr		High Current Pulse	●	●	●	●	●	●	●	●	●
AM5TAB	Tip Adaptor	51.7mm	Brass		Low Current Pulse	●	●	●	●	●	●	●	●	●



AM6TAC	Tip Adaptor High Performance	51.7mm	CuCrZr		High Current Pulse	●	●	●	●	●	●	●	●	●
AM6TAB	Tip Adaptor	51.7mm	Brass		Low Current Pulse	●	●	●	●	●	●	●	●	●



AM5WTAC-20	High Performance 2.0mm Recess	34.5mm	Copper	Short Circuit	≤200A Low Current Pulse	●	●	●	●	●	●	●	●	●
AM5WTAC-45	High Performance 4.5mm Recess	32mm	Copper	Spray	>200A High Current Pulse	●	●	●	●	●	●	●	●	●



AM5WTAB-20	Tip Adaptor 2.0mm Recess	34.5mm	Brass	Short Circuit	≤200A Low Current Pulse	●	●	●	●	●	●	●	●	●
AM5WTAB-45	Tip Adaptor 4.5mm Recess	32mm	Brass	Spray	>200A High Current Pulse	●	●	●	●	●	●	●	●	●



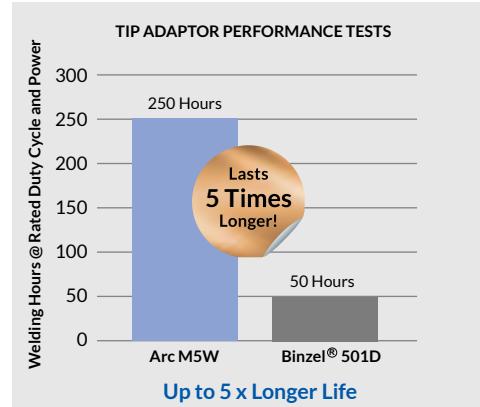
AM4WTAC-20	High Performance 2.0mm Recess	34.5mm	Copper	Short Circuit	>200A High Current Pulse	●	●	●	●	●	●	●	●	●
AM4WTAB-20	Tip Adaptor 2.0mm Recess	34.5mm	Brass	Short Circuit	<200A Low Current Pulse	●	●	●	●	●	●	●	●	●

● Standard wear part range ● Torch package standard wear part set-up

Tip Adaptors



Part No.	Description	Length	Material	Transfer	Amps / Pulse	M3	M4	M5	M6	M4W	M5W/M5WM	M65W/WS	M65WLP	M65WFC
Recommended for high amperages, high duty and pulse welding. Tips run cooler														
AM6OSWTAC-20	High Performance 2.0mm Recess	36.0mm	Copper	Short Circuit	<200A Low Current Pulse	●	●	●	●	●	●	●	●	
AM6OSWTAC-45	High Performance 4.5mm Recess	33.5mm	Copper	Spray	>200A High Current Pulse	●	●	●	●	●	●	●	●	
AM65WFCTAC-20	High Performance 2.0mm Recess	36.0mm	Copper	Short Circuit	<200A Low Current Pulse	●	●	●	●	●	●	●	●	
AM65WFCTAC-45	High Performance 4.5mm Recess	33.5mm	Copper	Spray	>200A High Current Pulse	●	●	●	●	●	●	●	●	
AM6OSWTAB-20	Tip Adaptor 2.0mm Recess	36.0mm	Brass	Short Circuit	<200A Low Current Pulse	●	●	●	●	●	●	●	●	
AM6OSWTAB-45	Tip Adaptor 4.5mm Recess	33.5mm	Brass	Spray	>200A High Current Pulse	●	●	●	●	●	●	●	●	

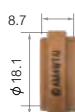


® All trademarks are the property of their respective owners and usage is for cross reference only

Tip Adaptor Insulators

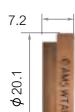
Part No.	Description
----------	-------------

M3
M4
M5
M6
M4W
M5W/M5WM
M65W/WS
M65WLP
M65WFC
Air-Cooled
Liquid-Cooled



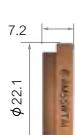
AM4WTAI	Tip Adaptor Insulator
---------	-----------------------

● Standard wear part range ● Torch package standard wear part set-up



AM5WTAI	Tip Adaptor Insulator
---------	-----------------------

● Standard wear part range ● Torch package standard wear part set-up



AM55WTAI	Tip Adaptor Insulator
----------	-----------------------

● Standard wear part range ● Torch package standard wear part set-up

WEAR PARTS

High Performance Series



MAKE WORK
LIFE EASIER

Liners

Filler Metal

Steel Liner Recommended for: Fe, Fe-MC/FC. Light and medium duty applications

Part No.	Description	Nipple	Wire Size mm	M3 Air-Cooled	M4 Air-Cooled	M5 Air-Cooled	M6 Air-Cooled	M4W Liquid-Cooled	M5W/M5WM Liquid-Cooled	M55W/M55WM Liquid-Cooled	M65W/WS Liquid-Cooled	M65WLP Liquid-Cooled	M65WFBC Liquid-Cooled
AM1535-30	Steel Liner x 3mt	Moulded Nipple	0.6-0.9	●	●	●	●	●	●	●	●	●	●
AM1535-40	Steel Liner x 4mt	Moulded Nipple	0.6-0.9	●	●	●	●	●	●	●	●	●	●
AM1535-50	Steel Liner x 5mt	Moulded Nipple	0.6-0.9	●	●	●	●	●	●	●	●	●	●



AM2524-30	Steel Liner x 3mt	Moulded Nipple	1.0-1.2	●	●	●	●	●	●	●	●	●	●
AM2524-40	Steel Liner x 4mt	Moulded Nipple	1.0-1.2	●	●	●	●	●	●	●	●	●	●
AM2524-50	Steel Liner x 5mt	Moulded Nipple	1.0-1.2	●	●	●	●	●	●	●	●	●	●
AM3631-30	Steel Liner x 3mt	Moulded Nipple	1.6	●	●	●	●	●	●	●	●	●	●
AM3631-40	Steel Liner x 4mt	Moulded Nipple	1.6	●	●	●	●	●	●	●	●	●	●
AM3631-50	Steel Liner x 5mt	Moulded Nipple	1.6	●	●	●	●	●	●	●	●	●	●



Filler Metal Fe, Fe-MC/FC

Steel Liner Recommended for: Light and medium duty applications

Part No.	Description	Contact Tip	Wire Size mm	M3 Air-Cooled	M4 Air-Cooled	M5 Air-Cooled	M6 Air-Cooled	M4W Liquid-Cooled	M5W/M5WM Liquid-Cooled	M55W/M55WM Liquid-Cooled	M65W/WS Liquid-Cooled	M65WLP Liquid-Cooled	M65WFBC Liquid-Cooled
AM6SL-1012-20	Steel Liner x 2mt	Standard Series	0.8-1.2	●	●	●	●	●	●	●	●	●	●
AM6SL-1012-30	Steel Liner x 3mt	Standard Series	0.8-1.2	●	●	●	●	●	●	●	●	●	●
AM6SL-1012-40	Steel Liner x 4mt	Standard Series	0.8-1.2	●	●	●	●	●	●	●	●	●	●
AM6SL-1012-50	Steel Liner x 5mt	Standard Series	0.8-1.2	●	●	●	●	●	●	●	●	●	●



AM6SL-16-20	Steel Liner x 2mt	Standard Series	1.6	●	●	●	●	●	●	●	●	●	●
AM6SL-16-30	Steel Liner x 3mt	Standard Series	1.6	●	●	●	●	●	●	●	●	●	●
AM6SL-16-40	Steel Liner x 4mt	Standard Series	1.6	●	●	●	●	●	●	●	●	●	●
AM6SL-16-50	Steel Liner x 5mt	Standard Series	1.6	●	●	●	●	●	●	●	●	●	●



AM6SL-20-20	Steel Liner x 2mt	Standard Series	2.0	●	●	●	●	●	●	●	●	●	●
AM6SL-20-30	Steel Liner x 3mt	Standard Series	2.0	●	●	●	●	●	●	●	●	●	●
AM6SL-20-40	Steel Liner x 4mt	Standard Series	2.0	●	●	●	●	●	●	●	●	●	●
AM6SL-20-50	Steel Liner x 5mt	Standard Series	2.0	●	●	●	●	●	●	●	●	●	●



● Standard wear part range ● Torch package standard wear part set-up

WEAR PARTS

High Performance Series



MAKE WORK
LIFE EASIER

Liners

Filler Metal Fe, Fe-MC/FC

Steel Liner Recommended for: Light and medium duty applications

Part No.	Description	Contact Tip	Wire Size mm	M3	M4	M5	M6	M4W	M5W	M55W	M5WM	M65W/WS	M65WLP	M65WFC
AM6SL-2432-30	Steel Liner x 3mt	Standard Series	2.4-3.2	●	●	●	●	●	●	●	●	●	●	●
AM6SL-2432-40	Steel Liner x 4mt	Standard Series	2.4-3.2	●	●	●	●	●	●	●	●	●	●	●



Filler Metal ss, ss-MC/FC

Stainless Steel Liner Recommended for: Heavy Duty Fe. High amperages and heavy deposition welding

Part No.	Description	Contact Tip	Wire Size mm	M3	M4	M5	M6	M4W	M5W	M55W	M5WM	M65W/WS	M65WLP	M65WFC
AM6SSTL-1012-20	Stainless Steel Liner x 2mt	Standard Series	0.8-1.2	●	●	●	●	●	●	●	●	●	●	●
AM6SSTL-1012-30	Stainless Steel Liner x 3mt	Standard Series	0.8-1.2	●	●	●	●	●	●	●	●	●	●	●
AM6SSTL-1012-40	Stainless Steel Liner x 4mt	Standard Series	0.8-1.2	●	●	●	●	●	●	●	●	●	●	●
AM6SSTL-1012-50	Stainless Steel Liner x 5mt	Standard Series	0.8-1.2	●	●	●	●	●	●	●	●	●	●	●



AM6SSTL-16-20	Stainless Steel Liner x 2mt	A Series	1.6	●	●	●	●	●	●	●	●	●	●	●
AM6SSTL-16-30	Stainless Steel Liner x 3mt	A Series	1.6	●	●	●	●	●	●	●	●	●	●	●
AM6SSTL-16-40	Stainless Steel Liner x 4mt	A Series	1.6	●	●	●	●	●	●	●	●	●	●	●
AM6SSTL-16-50	Stainless Steel Liner x 5mt	A Series	1.6	●	●	●	●	●	●	●	●	●	●	●



● Standard wear part range ● Torch package standard wear part set-up

Filler Metal

Al - Combi Liner Recommended for: Al, can be used for SS, SS-MC/FC

Part No.	Description	Contact Tip	Wire Size mm	M3 Air-Cooled	M4	M5	M6	M4V	M5V	M55W	M55WM	M65WLP	M65WFC
AM1564-30	Combi-Liner x 3mt	A Series	0.8-1.2	●	●	●	●	●	●	●	●	●	●
AM1564-40	Combi-Liner x 4mt	A Series	0.8-1.2	●	●	●	●	●	●	●	●	●	●
AM1564-50	Combi-Liner x 5mt	A Series	0.8-1.2	●	●	●	●	●	●	●	●	●	●
AM2564-30	Combi-Liner x 3mt	A Series	1.2-1.6	●	●	●	●	●	●	●	●	●	●
AM2564-40	Combi-Liner x 4mt	A Series	1.2-1.6	●	●	●	●	●	●	●	●	●	●
AM2564-50	Combi-Liner x 5mt	A Series	1.2-1.6	●	●	●	●	●	●	●	●	●	●



Al - Combi Liner Recommended for: Air-Cooled, Liquid-Cooled frequent / repetitive arc starts

AM6CL-1012-20	Combi-Liner x 2mt	A Series	1.0-1.2	●	●	●	●	●	●	●	●	●	●
AM6CL-1012-30	Combi-Liner x 3mt	A Series	1.0-1.2	●	●	●	●	●	●	●	●	●	●
AM6CL-1012-40	Combi-Liner x 4mt	A Series	1.0-1.2	●	●	●	●	●	●	●	●	●	●
AM6CL-1012-50	Combi-Liner x 5mt	A Series	1.0-1.2	●	●	●	●	●	●	●	●	●	●



Al - Polyamide Liner

AM5PL-1012-30	Polyamide Liner x 3mt	Standard Series	1.0-1.2	●	●	●	●	●	●	●	●	●	●
AM5PL-1012-40	Polyamide Liner x 4mt	Standard Series	1.0-1.2	●	●	●	●	●	●	●	●	●	●
AM5PL-1012-50	Polyamide Liner x 5mt	Standard Series	1.0-1.2	●	●	●	●	●	●	●	●	●	●
AM5PL-1620-30	Polyamide Liner x 3mt	A Series	1.6-2.0	●	●	●	●	●	●	●	●	●	●
AM5PL-1620-40	Polyamide Liner x 4mt	A Series	1.6-2.0	●	●	●	●	●	●	●	●	●	●
AM5PL-1620-50	Polyamide Liner x 5mt	A Series	1.6-2.0	●	●	●	●	●	●	●	●	●	●



WEAR PARTS

High Performance Series



MAKE WORK
LIFE EASIER

Liners

Filler Metal

AI - Combi Liner Recommended for: Air-Cooled, Liquid-Cooled frequent / repetitive arc starts

Part No.	Description	Contact Tip	Wire Size mm	M3 Air-Cooled	M4 Air-Cooled	M5 Air-Cooled	M6 Air-Cooled	M4W Liquid-Cooled	M5W Liquid-Cooled	M55W Liquid-Cooled	M65WM Liquid-Cooled	M65WLP Liquid-Cooled	M65WFC Liquid-Cooled
AM6CL-1620-20	Combi-Liner x 2mt	A Series	1.6	●	●	●	●	●	●	●	●	●	●
AM6CL-1620-30	Combi-Liner x 3mt	A Series	1.6	●	●	●	●	●	●	●	●	●	●
AM6CL-1620-40	Combi-Liner x 4mt	A Series	1.6	●	●	●	●	●	●	●	●	●	●
AM6CL-1620-50	Combi-Liner x 5mt	A Series	1.6	●	●	●	●	●	●	●	●	●	●



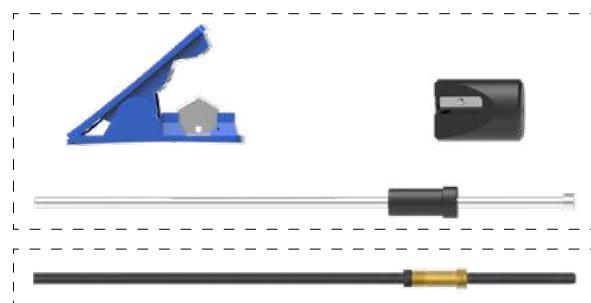
Filler Metal

AI - Soft Wire Liner Recommended for: Liquid-Cooled torches, AlSi, Pure Al and copper wires

Part No.	Description	Contact Tip	Wire Size mm	M3 Air-Cooled	M4 Air-Cooled	M5 Air-Cooled	M6 Air-Cooled	M4W Liquid-Cooled	M5W Liquid-Cooled	M55W Liquid-Cooled	M65WM/WS Liquid-Cooled	M65WLP Liquid-Cooled	M65WFC Liquid-Cooled
AM6OSWL-1012-20	Soft Wire Liner x 2mt	A Series	1.0-1.2	●	●	●	●	●	●	●	●	●	●
AM6OSWL-1012-30	Soft Wire Liner x 3mt	A Series	1.0-1.2	●	●	●	●	●	●	●	●	●	●
AM6OSWL-1012-40	Soft Wire Liner x 4mt	A Series	1.0-1.2	●	●	●	●	●	●	●	●	●	●
AM6OSWL-1620-20	Soft Wire Liner x 2mt	A Series	1.6-2.0	●	●	●	●	●	●	●	●	●	●
AM6OSWL-1620-30	Soft Wire Liner x 3mt	A Series	1.6-2.0	●	●	●	●	●	●	●	●	●	●
AM6OSWL-1620-40	Soft Wire Liner x 4mt	A Series	1.6-2.0	●	●	●	●	●	●	●	●	●	●



AMOSW_LINER-T	Soft Wire / Combi-Liner Set-up Kit	●	●	●	●	●	●	●	●	●	●	●	●
AMCLST-KITS	Combi-Liner Set-up Kit	●	●	●	●	●	●	●	●	●	●	●	●
AMOSWLG	Soft Wire Liner Gasket	●	●	●	●	●	●	●	●	●	●	●	●

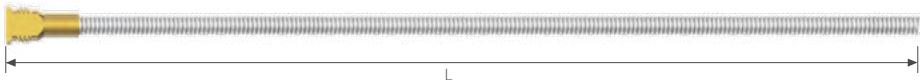


● Standard wear part range ● Torch package standard wear part set-up

Neck Jump Liners

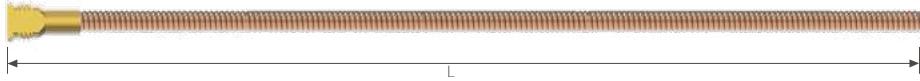
Filler Metal Fe, Fe-FC/MC

Part No.	Description	Contact Tip	Wire Size mm	M3 Air-Cooled	M4	M5	M6	M4W Liquid-Cooled	M5W	M55W	M55WM	M65W/WS	M65WLP	M65WFC
AM5WMJL-1012	Neck Jump Liner - Hard Wire(L:181mm)	Brass Nipple	1.0-1.2	●	●	●	●	●	●	●	●	●	●	●
AM5WMJL-1620	Neck Jump Liner - Hard Wire(L:181mm)	Brass Nipple	1.6-2.0	●	●	●	●	●	●	●	●	●	●	●
AM55WMJL-1012	Neck Jump Liner - Hard Wire(L:184.8mm)	Brass Nipple	1.0-1.2	●	●	●	●	●	●	●	●	●	●	●
AM55WMJL-1620	Neck Jump Liner - Hard Wire(L:184.8mm)	Brass Nipple	1.6-2.0	●	●	●	●	●	●	●	●	●	●	●



Al, Copper, SS, SS-FC.MC

AM5WMJL-1012-B	Neck Jump Liner - Soft Wire(L:181mm)	Brass Nipple	1.0-1.2	●	●	●	●	●	●	●	●	●	●	●
AM5WMJL-1620-B	Neck Jump Liner - Soft Wire(L:181mm)	Brass Nipple	1.6-2.0	●	●	●	●	●	●	●	●	●	●	●
AM55WMJL-1012-B	Neck Jump Liner - Soft Wire(L:184.8mm)	Brass Nipple	1.0-1.2	●	●	●	●	●	●	●	●	●	●	●
AM55WMJL-1620-B	Neck Jump Liner - Soft Wire(L:184.8mm)	Brass Nipple	1.6-2.0	●	●	●	●	●	●	●	●	●	●	●



● Standard wear part range ● Torch package standard wear part set-up

RETROFIT HEATSHIELD



MAKE WORK
LIFE EASIER

The Retrofit Heatshield offers optimal protection for the welder's hand in situations where there is a high degree of reflected heat.

The Heatshield easily snaps into place and can be adjusted through 360 degrees to provide hand protection in hard-to-reach areas.

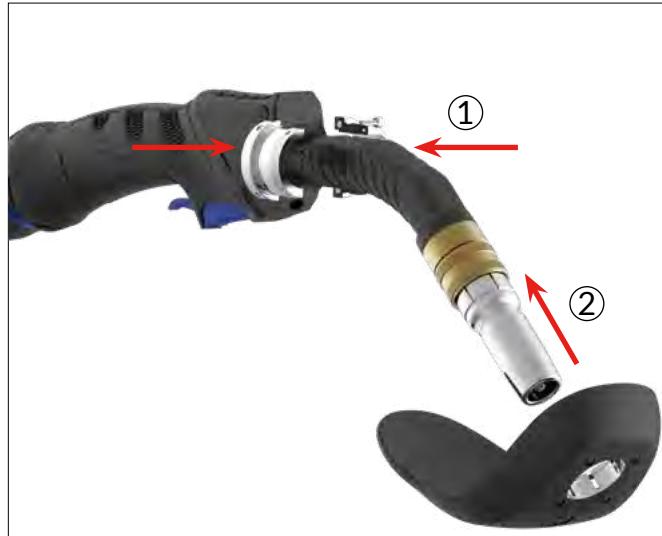
Standard Style



Pistol Grip Style

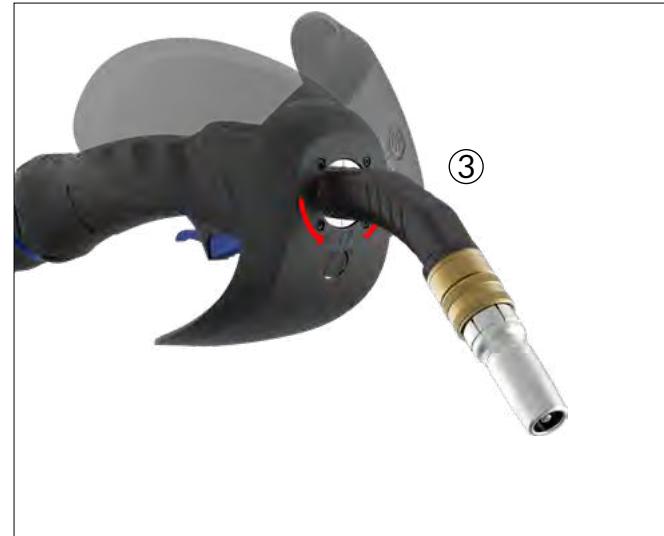


Installation



1. Attach Heat Shield Holder to the swan neck, tighten with allen key.

2. Slide the Heatshield along the swan neck. Once you hear a click it is installed correctly.



3. The heat shield can be adjusted 360° around the heat shield holder according to the user's needs.

WEAR PARTS

High Performance Series



MAKE WORK
LIFE EASIER

Heat Shields

Part No.	Description	M4 Air-Cooled	M5 M5W/M5WM	M6 M55W/W5	M65W/LP	M65WFC
AMHS	Heat Shield for Standard Handle	●	●	●	●	●

AMPHS	Heat Shield for Pistol Handle	●	●	●	●	●	●	●
-------	-------------------------------	---	---	---	---	---	---	---

AM4001HS	Heat Shield Holder	●	●	●	●	●	●	●
AM6001HS	Heat Shield Holder	●	●	●	●	●	●	●
AM5002HS	Heat Shield Holder	●	●	●	●	●	●	●
AM5502HS	Heat Shield Holder	●	●	●	●	●	●	●
AM6502HS	Heat Shield Holder	●	●	●	●	●	●	●
AM6502PHS	Heat Shield Holder	●	●	●	●	●	●	●

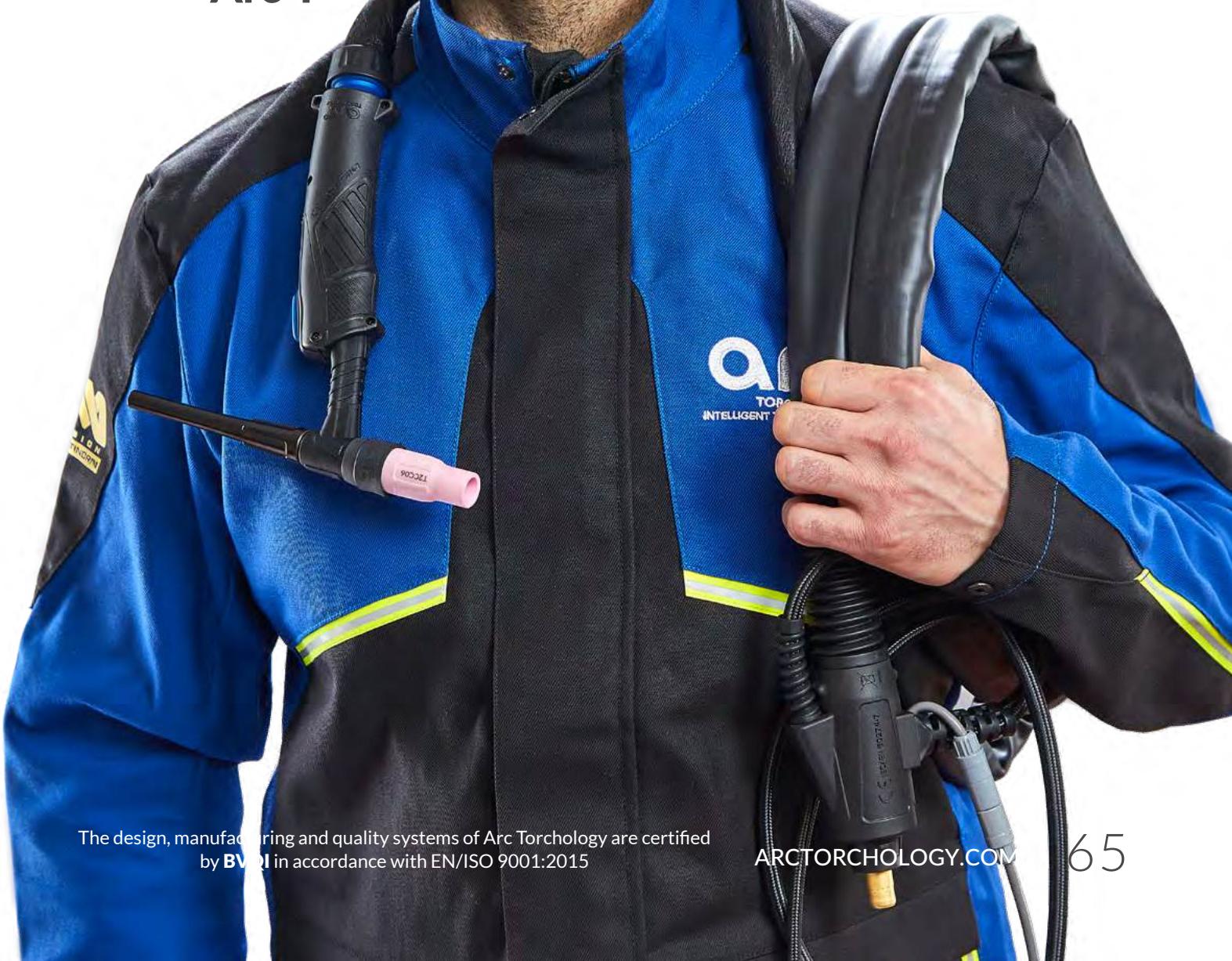


Y Y

SAY HELLO

TO OUR VISION OF THE FUTURE

Arc T



The design, manufacturing and quality systems of Arc Torchology are certified
by **BV** in accordance with EN/ISO 9001:2015

ARCTORCHOLOGY.COM

65

ARC M SERIES

Make Work Life Easier

MPA001 / 2025.04



MAKE WORK
LIFE EASIER