

M5W Liquid-Cooled Mig Welding Torch

Ratings:	560A CO ₂ , 540A mixed gas M21, 380A pulse @100% Max. Load 24KW with 1600W liquid cooler, 0.9mm-1.6mm wires
	540A CO ₂ , 520A mixed gas M21, 350A pulse @100% Max. Load 22KW with 1200W liquid cooler, 0.9mm-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.



3mt M5W-3M	4mt M5W-4M	5mt M5W-5M
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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

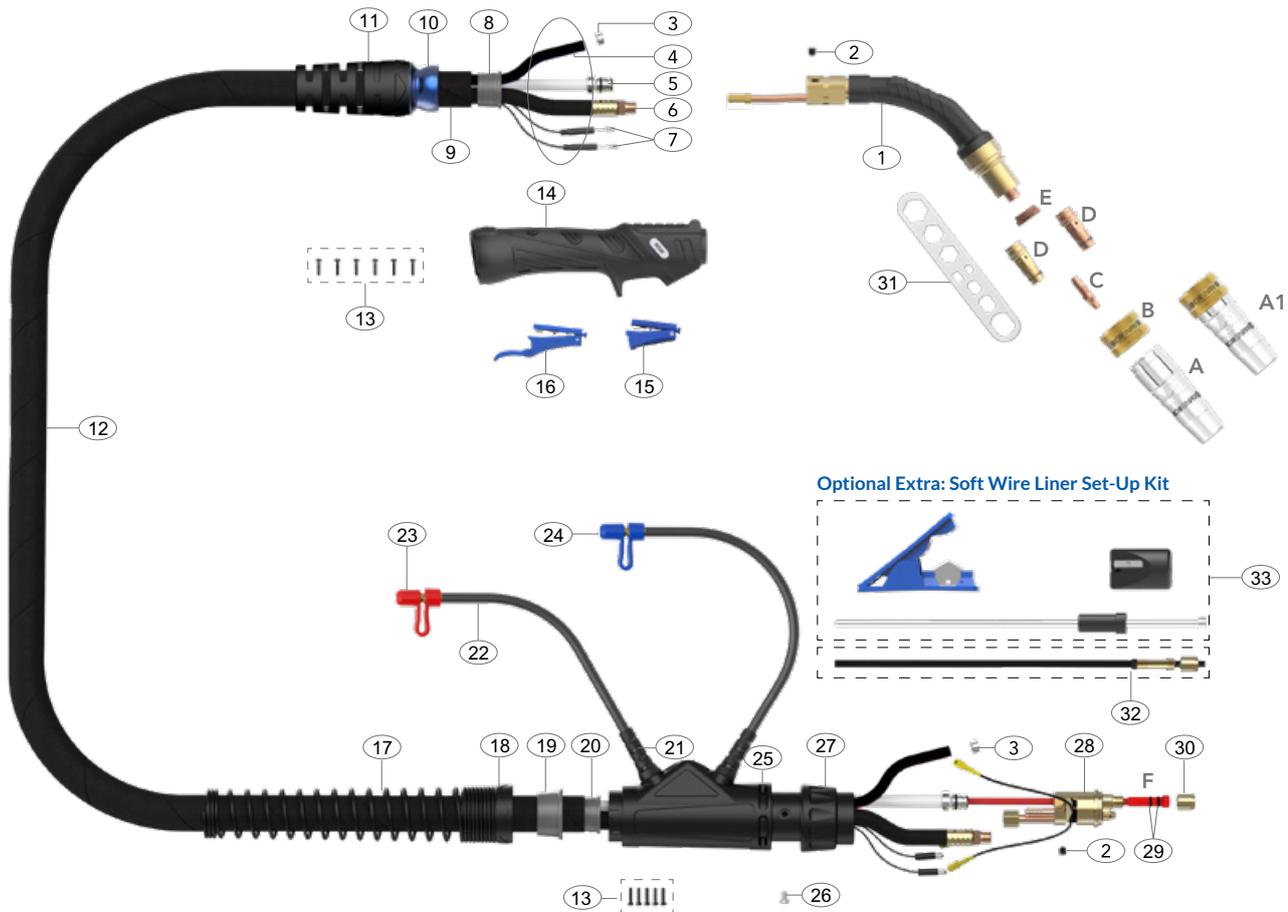
Part Number	Description	Wire Size
•AM6SL-1012-30	Steel Liner x 3mt	1.0-1.2mm
•AM6SL-1012-40	Steel Liner x 4mt	1.0-1.2mm
•AM6SL-1012-50	Steel Liner x 5mt	1.0-1.2mm
AM6SL-16-30	Steel Liner x 3mt	1.6mm
AM6SL-16-40	Steel Liner x 4mt	1.6mm
AM6SL-16-50	Steel Liner x 5mt	1.6mm
AM6OSWL-1012-30	Soft Wire Liner 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 33-34

HIGH PERFORMANCE SERIES



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Spare Parts

Part Number	Description
1	AM5002 Swan Neck Assembly
2	AM6X6 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	AMM2514-KJ 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

Part Number	Description
Optional Extra	
32	AMOSWLG Soft Wire Liner Gasket
33	AMOSW-LINER-T Soft Wire / Combi-Liner Set-up Kit

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

Welding with Soft Wires

For welding with Aluminum wires use a Soft Wire / Combi-Liner (page 34). Optimum installation is achieved when using the Soft Wire / Combi-Liner set-up kit.