



WELDING TORCHES & CONSUMABLES





Magmaweld is a manufacturer of Stick Electrodes, MIG/MAG & TIG Wires, Flux Cored Wires, Submerged-Arc Wires and Fluxes, Welding Machines, Welding Ancillary Products and Automation Systems in Turkey. Oerlikon Kaynak Elektroları ve Sanayi A.Ş. was founded in 1957 in order to manufacture stick electrodes as a licensee of Oerlikon-Buehrle AG.

In the year 1996, in order to reduce costs, to strengthen the leading position in Turkey and turn Magmaweld into a global brand, two old factories in Istanbul were moved to new, state of the art factory in Manisa, situated in the west of Turkey. In 2010 the second factory has been opened also in Manisa to produce high-tech welding equipment as well as to integrate robotic automation systems.

The MAGMAWELD brand came out as an analogy between the molten core of the earth, the MAGMA and the WELDPPOOL.

Magmaweld greatly values technical education and has been contributing to the training and education of thousands of welders through regular, free of charge courses since 1961. This service helps to increase consumer awareness and technical competence throughout the industry.

Magmaweld strives for customer satisfaction and process excellence. In order to satisfy customer needs, all questions and remarks about products, training, welding technologies, welding procedures, standards, work safety and automation are processed through the call center at +90 444WELD (4449353) or through live support from www.magmaweld.com where the relevant information is directed to Magmaweld's experts.



Welding Consumables Factory
Organize Sanayi Bölgesi 2. Kısım, Manisa, Turkey



Welding Machines and Automation Factory
Organize Sanayi Bölgesi 5. Kısım, Manisa, Turkey

MIG TORCHES

Lava MIG Series	1
Lava MIG 15	3
Lava MIG 25	4
Lava MIG 35	5
Lava MIG 40	6
Lava MIG 50W	7
Lava MIG 65W	8

TIG TORCHES

Lava TIG Series	9
Lava TIG 9	11
Lava TIG 17	12
Lava TIG 26	13
Lava TIG 24W	14
Lava TIG 20W	15
Lava TIG 18W	16

PLASMA TORCHES

PCH-PCM Series	17
----------------	----



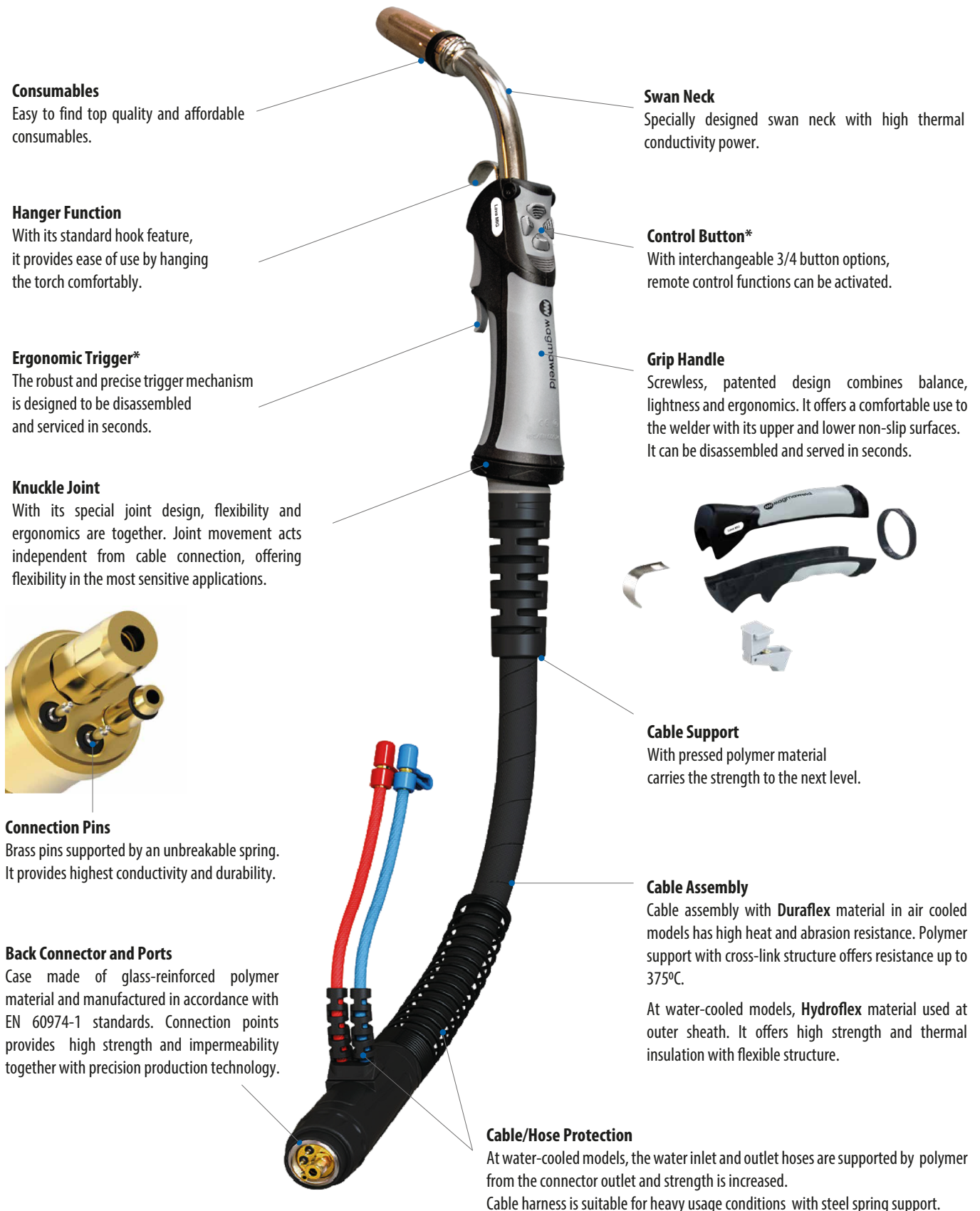
CONSUMABLES AND ACCESSORIES

MIG Consumables	20
TIG Consumables	22
Tungsten Electrodes	27
Regulators and Heaters	27
Plasma Consumables	28



Lava MIG Series

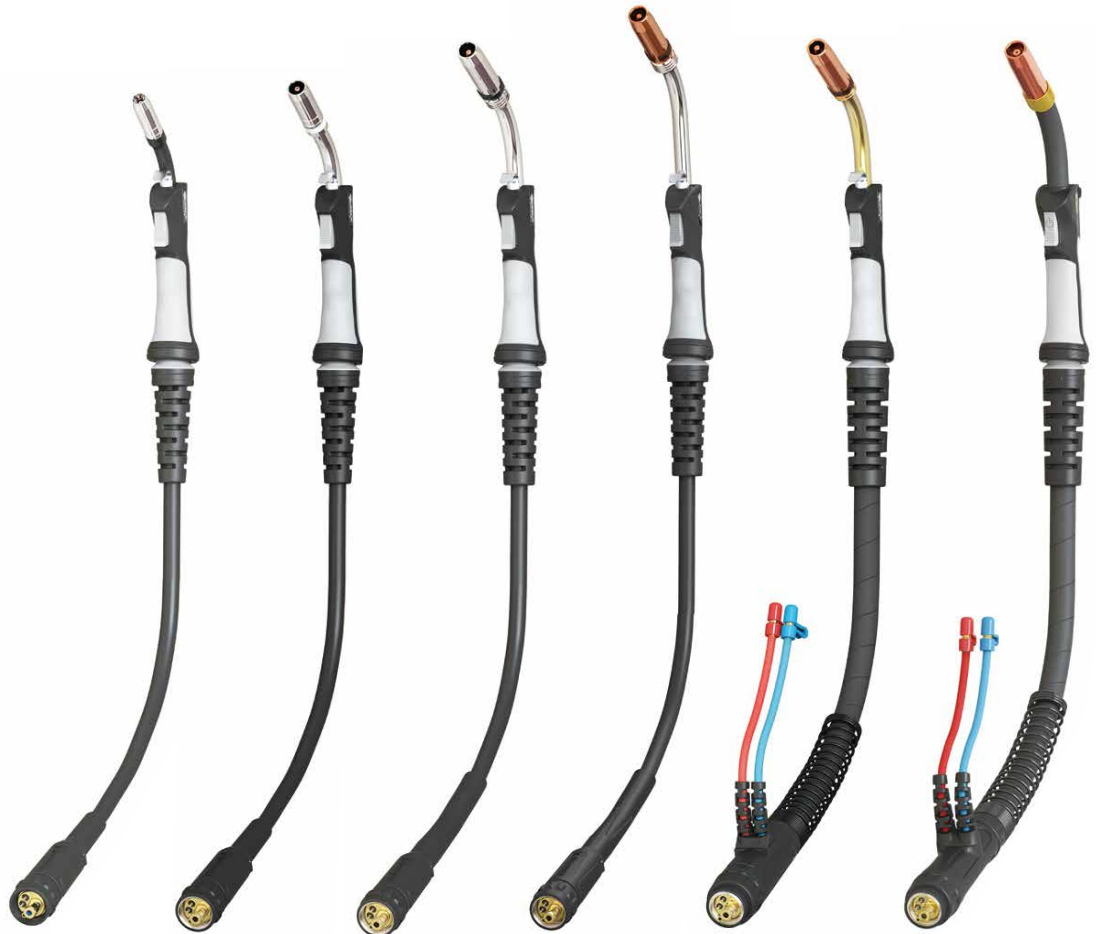
Magmaweld MIG torches will meet with your requirements on Price / Performance ratios.



*It varies according to the model.

Lava MIG Series

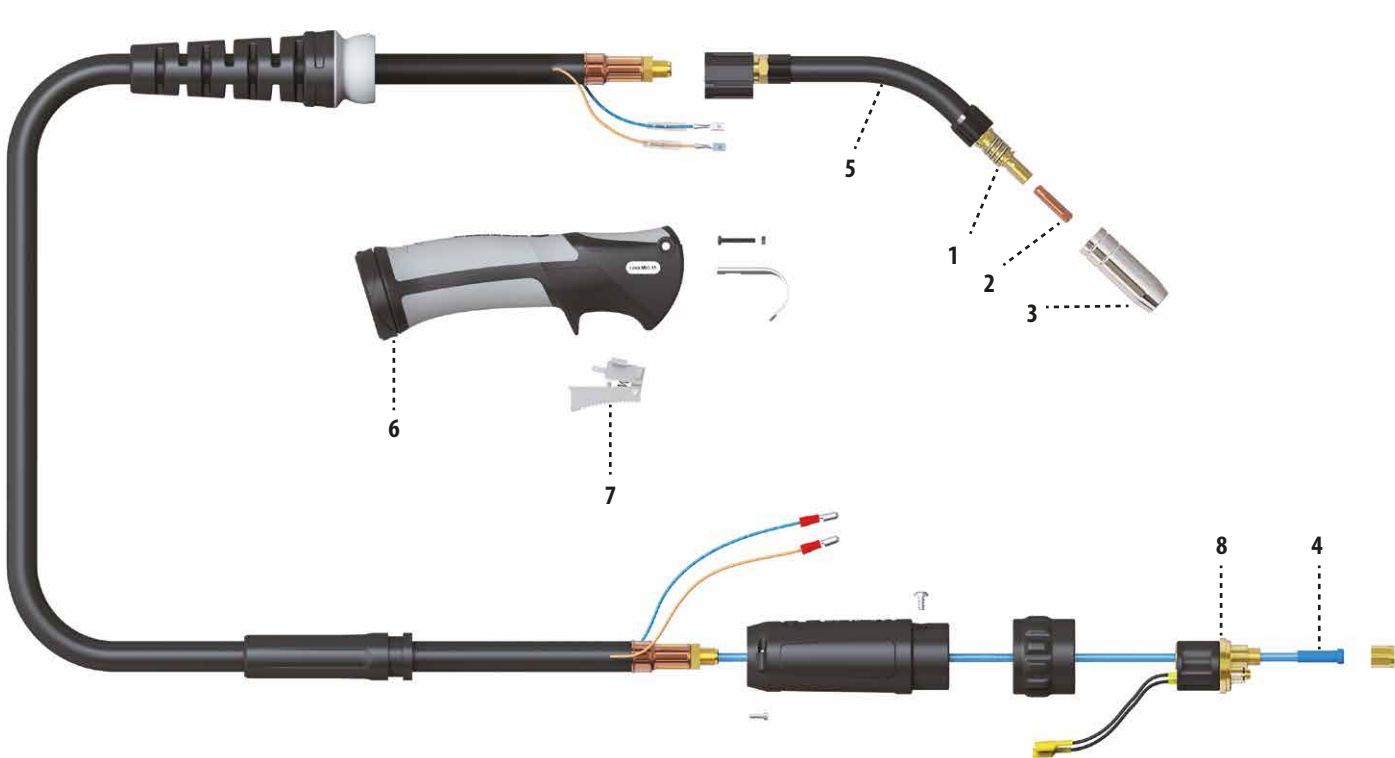
Magmaweld MIG torches will meet with your requirements on Price / Performance ratios.



Technical Specifications		Lava MIG 15	Lava MIG 25	Lava MIG 35	Lava MIG 40	Lava MIG 50W/WR	Lava MIG 65W
Current	CO ₂	150 A	200 A	300 A	340 A	450 A / (WR) 450 A	550 A
Duty Cycle		%60	%60	%60	%60	%100	%100
Cooling Type		Air	Air	Air	Air	Water	Double Water
Product Codes	Torch 3 m	7120015003	7120020003	7120035003	7120040003	7120050003 / (WR)7120150003	7120160003
	4 m	7120015004	7120020004	7120035004	7120040004	7120050004 / (WR)7120150004	7120160004
	5 m	7120015005	7120020005	7120035005	7120040005	7120050005 / (WR)7120150005	7120160005
	CO ₂ Regulator	7020001005					
	Argon/Mix Regulator	7020001004					
	CO ₂ Heater 220V	7020009002					
	CO ₂ Heater 24V	7020009003					

Lava MIG 15

150A CO₂ 130A mix gas, EN60974-7 @ %60 Duty Cycle, 0,6 – 1.00 mm Wire Diameter



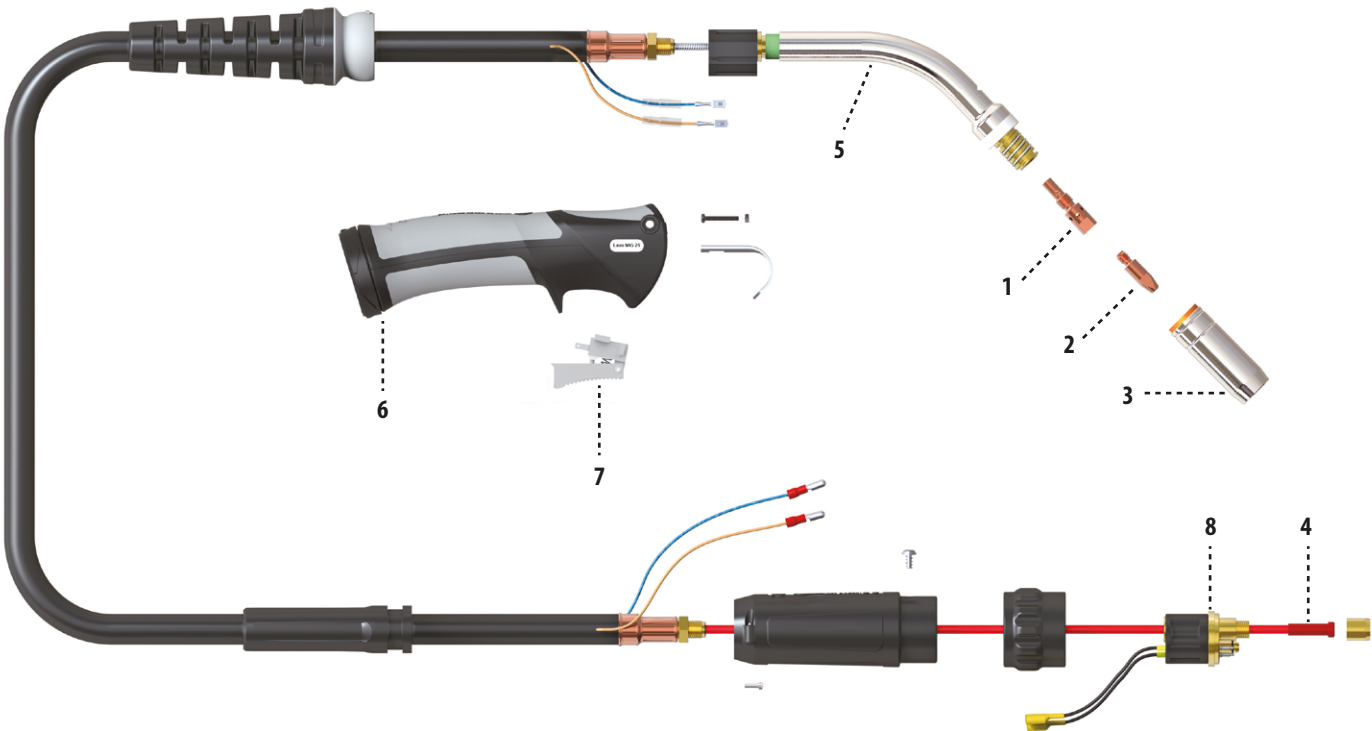
Model	Product Code		
	3 m	4 m	5 m
Lava MIG 15	7120015003	7120015004	7120015005

Consumables					
Part No.	Product Name	Product Code	Part No.	Product Name	Product Code
1	Tip Holder	7026000156	4	Teflon Lineer	
2	Contact Tips			0.6 - 0.9 mm / 3 m	7025530610
	M6 x 0.6 x L25 mm	7023062506		0.6 - 0.9 mm / 4 m	7025540610
	M6 x 0.8 x L25 mm	7023062508		1.0 - 1.2 mm / 3 m	7025531012
	M6 x 1.0 x L25 mm	7023062510		1.0 - 1.2 mm / 4 m	7025541012
	M6 x 1.2 x L25 mm	7023062512		1.0 - 1.2 mm / 5 m	7025551012
3	Nozzle (Ø12 x 53 mm)	7022001253	5	Swan Neck	Y522000562
4	Steel Lineer		6	Handle	Y522000559
	0.6 - 0.9 mm / 3 m	7025030609	7	Trigger Switch	Y522000560
	0.6 - 0.9 mm / 4 m	7025040609	8	Euro Connector	Y522000561
	0.6 - 0.9 mm / 5 m	7025050609			
	1.0 - 1.2 mm / 3 m	7025031012			
	1.0 - 1.2 mm / 4 m	7025041012			
	1.0 - 1.2 mm / 5 m	7025051012			

Air Cooled MIG Torch

Lava MIG 25

200A CO₂ 180A mix gas, EN60974-7 @ %60 Duty Cycle, 0,8 – 1.20 mm Wire Diameter

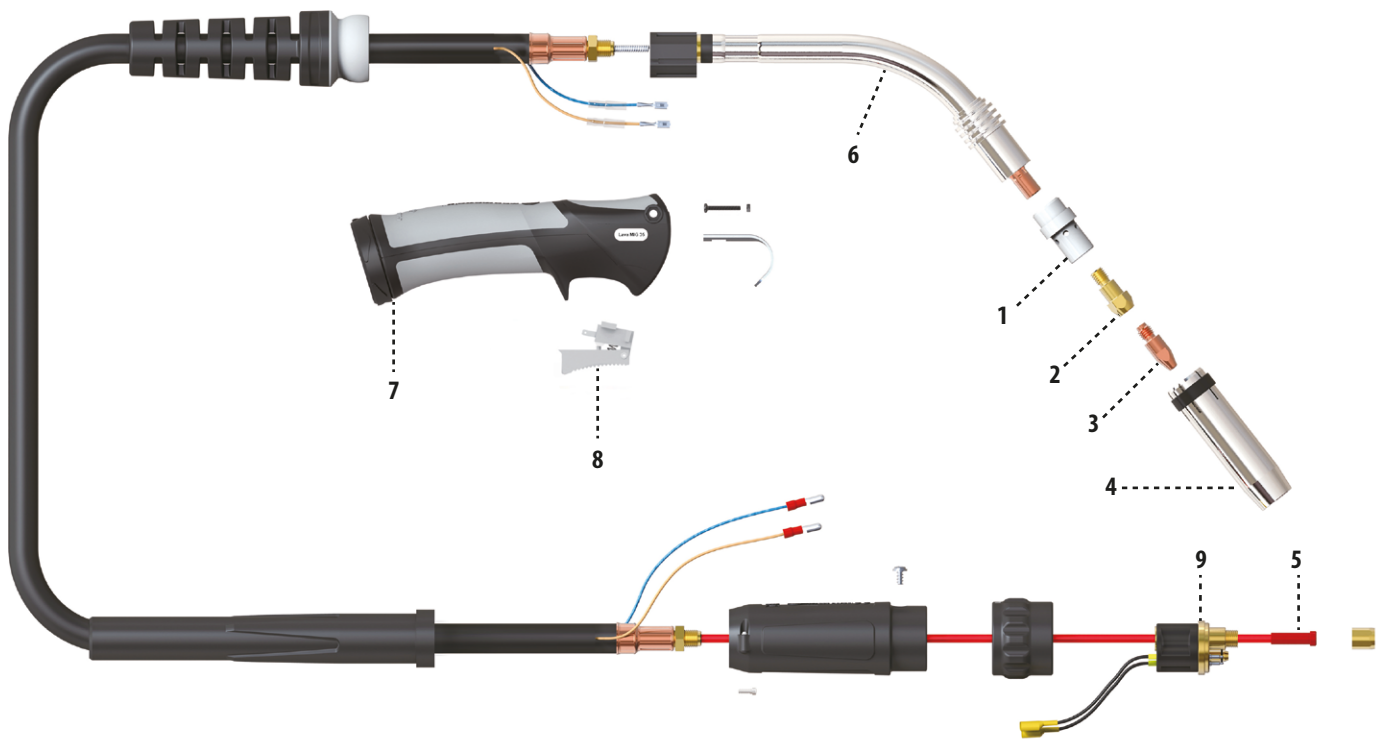


Model	Product Code		
	3 m	4 m	5 m
Lava MIG 25	7120020003	7120020004	7120020005

Consumables					
Part No.	Product Name	Product Code	Part No.	Product Name	Product Code
1	Tip Holder (M6)	7026000256	4	Teflon Liner	
2	Contact Tips			0.6 - 0.9 mm / 3 m	7025530610
	M6 x 0.6 x L28 mm	7023062806		0.6 - 0.9 mm / 4 m	7025540610
	M6 x 0.8 x L28 mm	7023062808		1.0 - 1.2 mm / 3 m	7025531012
	M6 x 1.0 x L28 mm	7023062810		1.0 - 1.2 mm / 4 m	7025541012
	M6 x 1.2 x L28 mm	7023062812		1.0 - 1.2 mm / 5 m	7025551012
3	Nozzle Narrow (Ø12 x 57.5 mm)	7022011253	5	Swan Neck	Y522000563
	Nozzle Conical (Ø15 x 57.5 mm)	7022001554	6	Handle	Y522000559
4	Steel Liner		7	Trigger Switch	Y522000560
	0.6 - 0.9 mm / 3 m	7025030609	8	Euro Connector	Y522000561
	0.6 - 0.9 mm / 4 m	7025040609			
	0.6 - 0.9 mm / 5 m	7025050609			
	1.0 - 1.2 mm / 3 m	7025031012			
	1.0 - 1.2 mm / 4 m	7025041012			
	1.0 - 1.2 mm / 5 m	7025051012			

Lava MIG 35

300A CO₂ 280A mix gas, EN60974-7 @ %60 Duty Cycle, 0,8 – 1.20 mm Wire Diameter

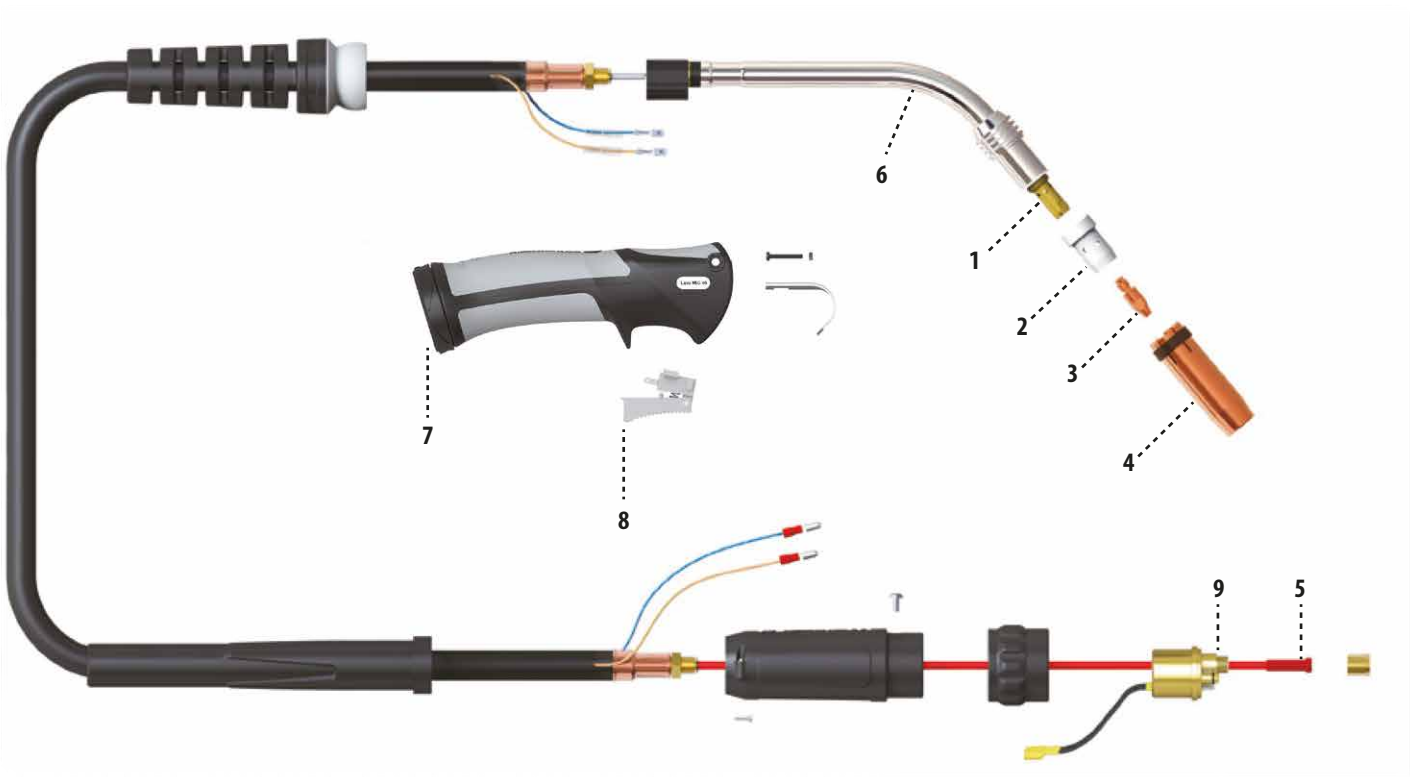


Model	Product Code		
	3 m	4 m	5 m
Lava MIG 35	7120035003	7120035004	7120035005

Consumables					
Part No.	Product Name	Product Code	Part No.	Product Name	Product Code
1	Gas Diffuser	7024100035	5	Steel Liner	
2	Tip Holder (M6) (Optional)	7026000356		1.2 - 1.6 mm / 4 m	7025041216
	Tip Holder (M8) (Standard)	7026000358		1.2 - 1.6 mm / 5 m	7025051216
3	Contact Tips			1.6 - 2.4 mm / 3 m	7025032024
	M6 x 0.6 x L28 mm	7023062806		1.6 - 2.4 mm / 4 m	7025042024
	M6 x 0.8 x L28 mm	7023062808		1.6 - 2.4 mm / 5 m	7025052024
	M6 x 1.0 x L28 mm	7023062810	5	Teflon Liner	
	M6 x 1.2 x L28 mm	7023062812		1.0 - 1.2 mm / 3 m	7025531012
	M8 x 0.8 x L30 mm	7023083008		1.0 - 1.2 mm / 4 m	7025541012
	M8 x 1.0 x L30 mm	7023083010		1.0 - 1.2 mm / 5 m	7025551012
	M8 x 1.2 x L30 mm	7023083012		1.2 - 1.6 mm / 3 m	7025531216
4	Nozzle (Ø16 x 83 mm)	7022001684		1.2 - 1.6 mm / 4 m	7025541216
5	Steel Liner			1.2 - 1.6 mm / 5 m	7025551216
	1.0 - 1.2 mm / 3 m	7025031012	6	Swan Neck	Y522000564
	1.0 - 1.2 mm / 4 m	7025041012	7	Handle	Y522000559
	1.0 - 1.2 mm / 5 m	7025051012	8	Trigger Switch	Y522000560
	1.2 - 1.6 mm / 3 m	7025031216	9	Euro Connector	Y522000561

Lava MIG 40

340A CO₂ 300A mix gas, EN60974-7 @ %60 Duty Cycle, 0,8 – 1.20 mm Wire Diameter

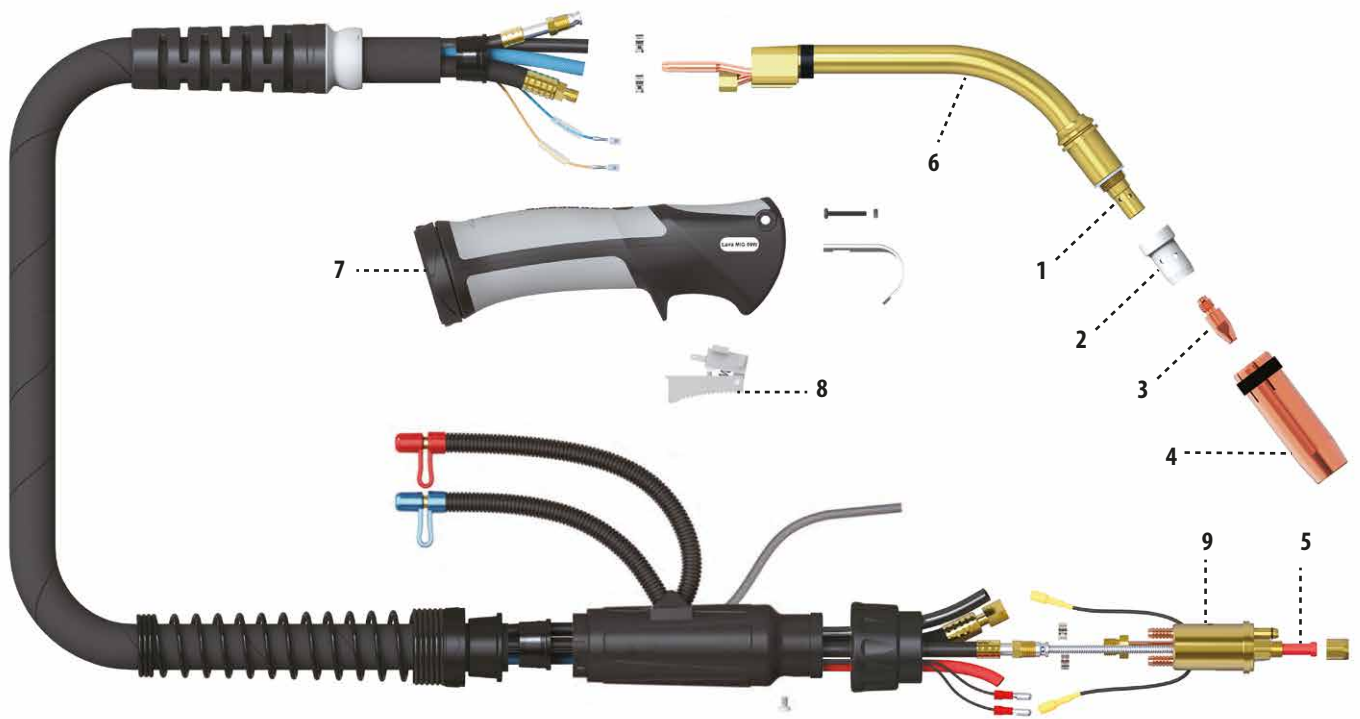


Model	Product Code		
	3 m	4 m	5 m
Lava MIG 40	7120040003	7120040004	7120040005

Consumables					
Part No.	Product Name	Product Code	Part No.	Product Name	Product Code
1	Tip Holder (M8)	7026000408	5	Steel Liner	
2	Gas Diffuser	7024100050		1.2 - 1.6 mm / 4 m	7025041216
3	Contact Tips			1.2 - 1.6 mm / 5 m	7025051216
	M8 x 0.8 x L30 mm	7023083008		1.6 - 2.4 mm / 3 m	7025032024
	M8 x 1.0 x L30 mm	7023083010		1.6 - 2.4 mm / 4 m	7025042024
	M8 x 1.2 x L30 mm	7023083012		1.6 - 2.4 mm / 5 m	7025052024
	M8 x 1.6 x L30 mm	7023083016	5	Teflon Liner	
4	Nozzle (Ø16 x 76 mm)	7022001675		1.0 - 1.2 mm / 3 m	7025531012
5	Steel Liner			1.0 - 1.2 mm / 4 m	7025541012
	1.0 - 1.2 mm / 3 m	7025031012		1.0 - 1.2 mm / 5 m	7025551012
	1.0 - 1.2 mm / 4 m	7025041012		1.2 - 1.6 mm / 3 m	7025531216
	1.0 - 1.2 mm / 5 m	7025051012		1.2 - 1.6 mm / 4 m	7025541216
	1.2 - 1.6 mm / 3 m	7025031216		1.2 - 1.6 mm / 5 m	7025551216
			6	Swan Neck	Y522000565
			7	Handle	Y522000559
			8	Trigger Switch	Y522000560
			9	Euro Connector	Y522000561

Lava MIG 50W

450A CO₂ 410A mix gas, EN60974-7 @ %100 Duty Cycle, 1.00 – 1.60 mm Wire Diameter

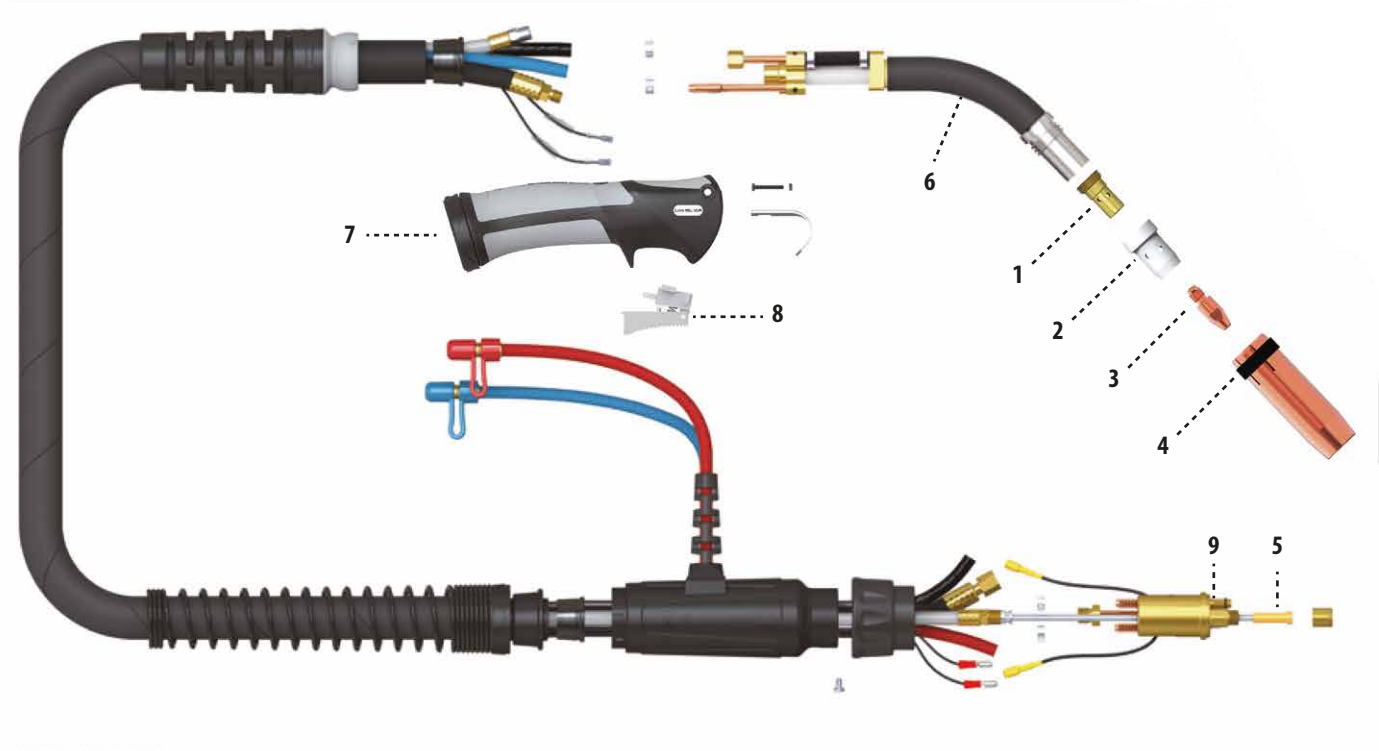


Model	Product Code		
	3 m	4 m	5 m
Lava MIG 50W	7120050003	7120050004	7120050005

Consumables					
Part No.	Product Name	Product Code	Part No.	Product Name	Product Code
1	Tip Holder (M8)	7026000358	5	Steel Liner	
2	Gas Diffuser	7024100050		1.6 - 2.4 mm / 3 m	7025032024
3	Contact Tips			1.6 - 2.4 mm / 4 m	7025042024
	M8 x 0.8 x L30 mm	7023083008		1.6 - 2.4 mm / 5 m	7025052024
	M8 x 1.0 x L30 mm	7023083010	5	Teflon Liner	
	M8 x 1.2 x L30 mm	7023083012		1.0 - 1.2 mm / 3 m	7025531012
	M8 x 1.6 x L30 mm	7023083016		1.0 - 1.2 mm / 4 m	7025541012
	M8 x 2.0 x L30 mm	7023083020		1.0 - 1.2 mm / 5 m	7025551012
	M8 x 2.4 x L30 mm	7023083024		1.2 - 1.6 mm / 3 m	7025531216
4	Nozzle (Ø16 x 76 mm)	7022001675		1.2 - 1.6 mm / 4 m	7025541216
5	Steel Liner			1.2 - 1.6 mm / 5 m	7025551216
	1.0 - 1.2 mm / 3 m	7025031012		1.6 - 2.0 mm / 3 m	7025531620
	1.0 - 1.2 mm / 4 m	7025041012		1.6 - 2.0 mm / 4 m	7025541620
	1.0 - 1.2 mm / 5 m	7025051012		1.6 - 2.0 mm / 5 m	7025551620
	1.2 - 1.6 mm / 3 m	7025031216	6	Swan Neck	Y522000566
	1.2 - 1.6 mm / 4 m	7025041216	7	Handle	Y522000559
	1.2 - 1.6 mm / 5 m	7025051216	8	Trigger Switch	Y522000560
			9	Euro Connector	Y522000561

Lava MIG 65W

550A CO₂ 500A mix gas, EN60974-7 @ %100 Duty Cycle, 1.00 – 1.60 mm Wire Diameter



Model	Product Code		
	3 m	4 m	5 m
Lava MIG 65W	7120160003	7120160004	7120160005

Consumables					
Part No.	Product Name	Product Code	Part No.	Product Name	Product Code
1	Tip Holder (M8)	7026000358	5	Steel Liner	
2	Gas Diffuser	7024100050		1.6 - 2.4 mm / 3 m	7025032024
3	Contact Tips			1.6 - 2.4 mm / 4 m	7025042024
	M8 x 0.8 x L30 mm	7023083008		1.6 - 2.4 mm / 5 m	7025052024
	M8 x 1.0 x L30 mm	7023083010	5	Teflon Liner	
	M8 x 1.2 x L30 mm	7023083012		1.0 - 1.2 mm / 3 m	7025531012
	M8 x 1.6 x L30 mm	7023083016		1.0 - 1.2 mm / 4 m	7025541012
	M8 x 2.0 x L30 mm	7023083020		1.0 - 1.2 mm / 5 m	7025551012
	M8 x 2.4 x L30 mm	7023083024		1.2 - 1.6 mm / 3 m	7025531216
4	Nozzle (Ø16 x 76 mm)	7022001675		1.2 - 1.6 mm / 4 m	7025541216
5	Steel Liner			1.2 - 1.6 mm / 5 m	7025551216
	1.0 - 1.2 mm / 3 m	7025031012		1.6 - 2.0 mm / 3 m	7025531620
	1.0 - 1.2 mm / 4 m	7025041012		1.6 - 2.0 mm / 4 m	7025541620
	1.0 - 1.2 mm / 5 m	7025051012		1.6 - 2.0 mm / 5 m	7025551620
	1.2 - 1.6 mm / 3 m	7025031216	6	Swan Neck	Y522000566
	1.2 - 1.6 mm / 4 m	7025041216	7	Handle	Y522000559
	1.2 - 1.6 mm / 5 m	7025051216	8	Trigger Switch	Y522000560
			9	Euro Connector	Y522000561

Lava TIG Series

Magmaweld TIG torches that will take you to the top in lightness and ergonomics.

Consumables

Easy to find, top quality and affordable consumables.

Grip Handle

Handles produced in two different sizes offer a variety of models that you can choose according to your needs. Ergonomic, non-slip grip structure creates privileges with screwless assembly and special design joints.

Movable Joint

The joint that can be disassembled with a single action, provides ease of service as well as providing high level of movement in the most sensitive applications.

Back Connector and Ports

Case made of glass-reinforced polymer material and manufactured in accordance with EN 60974-1 standards. This Design offers simple and aesthetic solution for connection problems and machine incompatibilities.

Torch Body

Silicone-backed rubber material with high temperature resistance combines strength and lightness.

Remote Buttons*

Easy to remove and install buttons can be changed in less than 5 seconds. These buttons, which have a mini card design, are produced in a way to prioritize long life and precision.

Leather Case

Premium class genuine leather top cover offers flexibility and aesthetics.

Cable Group

The cable system, which has been subjected to long and heavy tests provides lightness, flexibility and excellent conductivity with high material quality. Rubber-reinforced cable material increases resistance and torch life.

Hose Group

High temperature and pressure resistant, cross-knit supported rubber hoses minimize the possibility of failure and leakage.

*It varies according to the model.

TIG Torches

Lava TIG Series

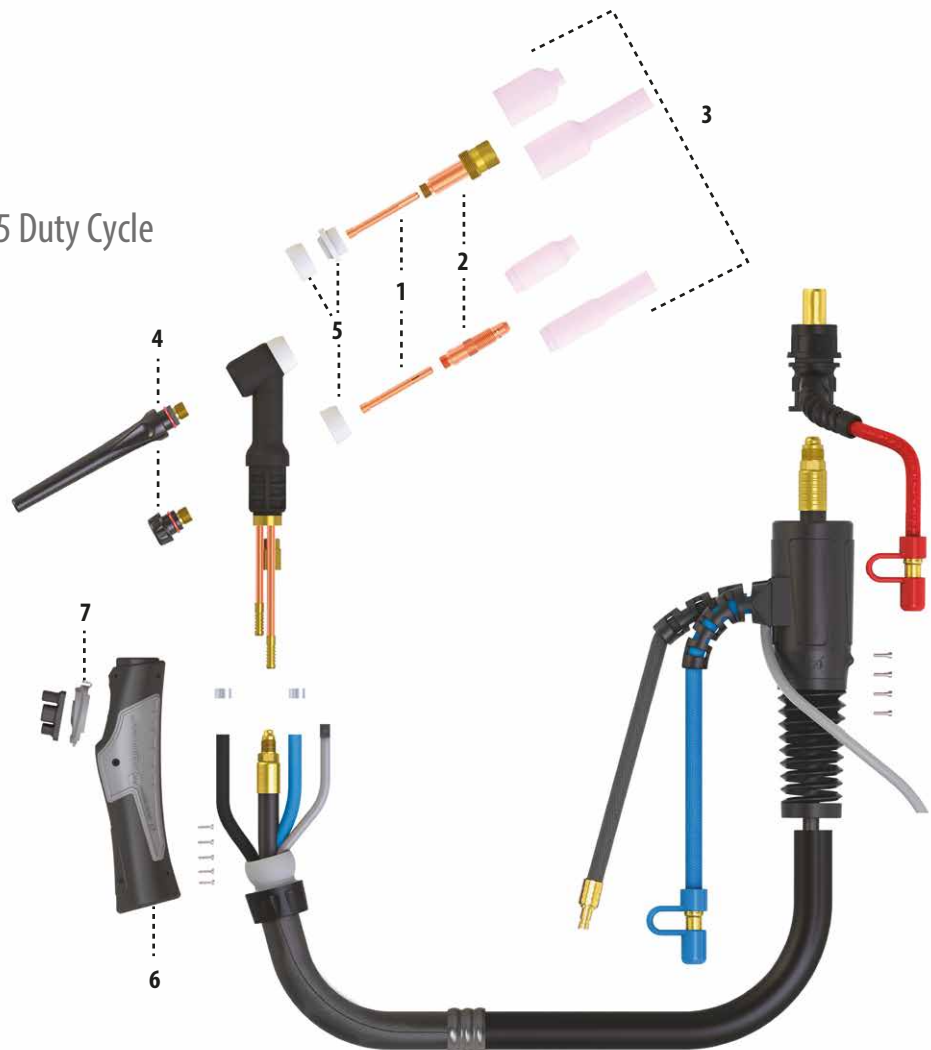
Magmaweld TIG torches will take you to the top at ergonomics and lightness.



Technical Specifications			Lava TIG 9	Lava TIG 17	Lava TIG 26	Lava TIG 24W	Lava TIG 20W	Lava TIG 18W
Current	DC		125 A	150 A	180 A	180 A	225 A	380 A
	AC		90 A	105 A	125 A	125 A	160 A	270 A
Duty Cycle			%35	%35	%35	%100	%100	%100
Cooling Type			Air	Air	Air	Water	Water	Water
Product Codes	Torch	4 m	7110012504	7110013504	7110018004	7110018104	7110022504	7110038004
		8 m	7110012508	7110013508	7110018008	7110018108	7110022508	7110038008
	Regulator		7020001004					

Lava TIG 9

125A DC, EN60974-7 @ %35 Duty Cycle

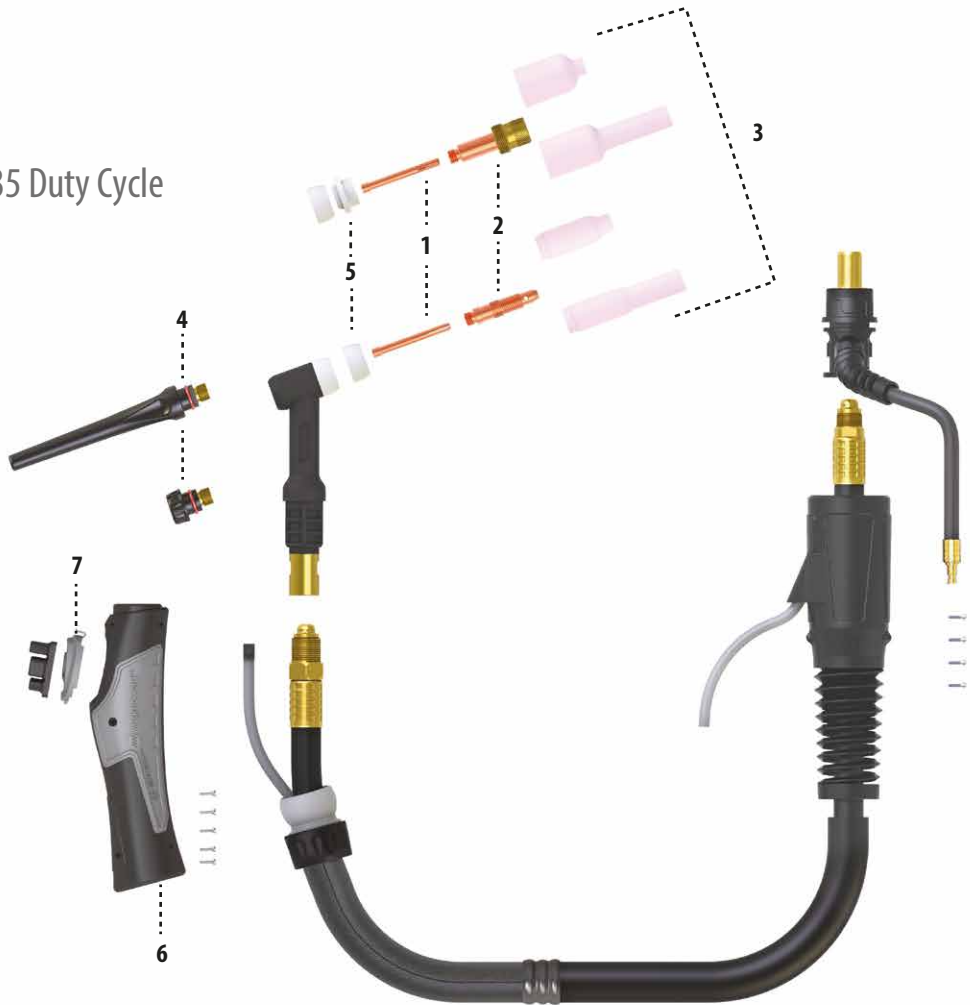


Model	Product Code	
	4 m	8 m
Lava TIG 9	7111040125	7111080125

Consumables					
Part No.	Product Name	Product Code	Part No.	Product Name	Product Code
1	Collet		3	Ceramic Nozzle	
	1.0 mm	7012010010		Ø11 - L30 mm No: 7	7014021107
	1.6 mm	7012010016		Ø12.5 - L30 mm No: 8	7014021208
	2.0 mm	7012010020		Ø16 - L30 mm No: 10	7014021610
2	Collet Body			Ø5 - L48 mm No: 3 (Long)	7014030503
	1.0 mm	7013010110		Ø6 - L48 mm No: 4 (Long)	7014030604
	1.6 mm	7013010116		Ø8 - L48 mm No: 5 (Long)	7014030805
	2.0 mm	7013010120		Ø10 - L48 mm No: 6 (Long)	7014031006
3	Ceramic Nozzle			Ø6 - L25 mm No: 4 (with lens)	7014140604
	2.4 mm	7013010124		Ø8 - L25 mm No: 5 (with lens)	7014140805
	1.0 mm (with lens)	7016010010		Ø10 - L25 mm No: 6 (with lens)	7014141006
	1.6 mm (with lens)	7016010016		Ø11 - L25 mm No: 7 (with lens)	7014141107
	2.0 mm (with lens)	7016010020		Ø12.5 - L25 mm No: 8 (with lens)	7014141208
	2.4 mm (with lens)	7016010024	4	Back Cap (Long)	7015000103
				Back Cap (Short)	7015000104
			5	Insulator	7017000103
			6	Handle	Y512000269
			7	Trigger	7910000001

Lava TIG 17

150A DC, EN60974-7 @ %35 Duty Cycle

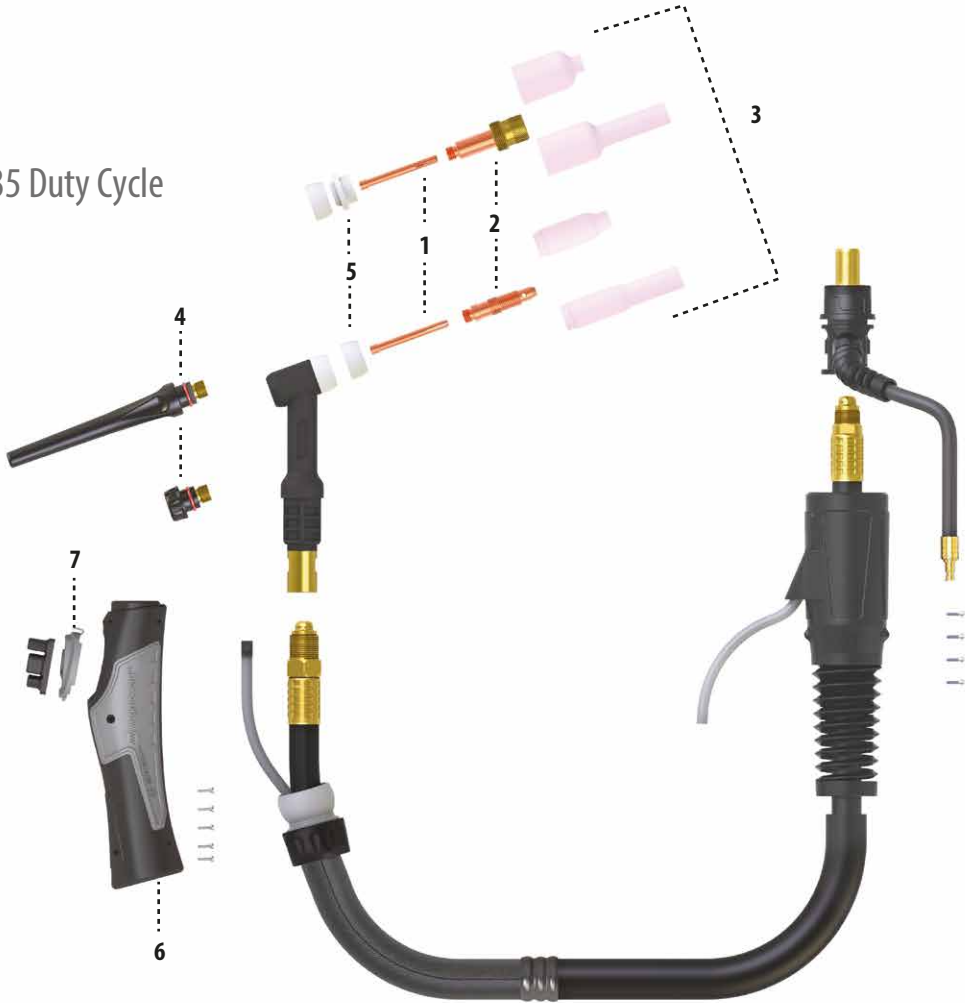


Model			Product Code		
			4 m	8 m	
Lava TIG 17			7110013504	7110013508	
Consumables					
Part No.	Product Name	Product Code	Part No.	Product Name	Product Code
1	Collet		2	Collet Body	
	1.0 mm	7012000010		3.2 mm (with lens)	7016000032
	1.6 mm	7012000016		4.0 mm (with lens)	7016000040
	2.0 mm	7012000020	3	Ceramic Nozzle	
	2.4 mm	7012000024		Ø6 - L46 mm No: 4	7014000604
	3.2 mm	7012000032		Ø8 - L46 mm No: 5	7014000805
	4.0 mm	7012000040		Ø10 - L46 mm No: 6	7014001006
2	Collet Body			Ø11 - L46 mm No: 7	7014001107
	1.0 mm	7013000110		Ø12.5 - L46 mm No: 8	7014001108
	1.6 mm	7013000116		Ø16 - L46 mm No: 10	7014001610
	2.0 mm	7013000120	Ø8 - L76 mm No: 5 (Long)	7014010805	
	2.4 mm	7013000124	Ø10 - L76 mm No: 6 (Long)	7014011006	
	3.2 mm	7013000132	Ø11 - L76 mm No: 7 (Long)	7014011107	
	4.0 mm	7013000140	4	Back Cap (Long)	7015000101
	1.0 mm (with lens)	7016000010		Back Cap (Short)	7015000102
	1.6 mm (with lens)	7016000016	5	Insulator	7017000101
	2.0 mm (with lens)	7016000020		Insulator (with lens)	7017000102
	2.4 mm (with lens)	7016000024	6	Handle	Y512000270
				7	Trigger

*For lens nozzles, see the consumption table on page 24.

Lava TIG 26

180A DC, EN60974-7 @ %35 Duty Cycle



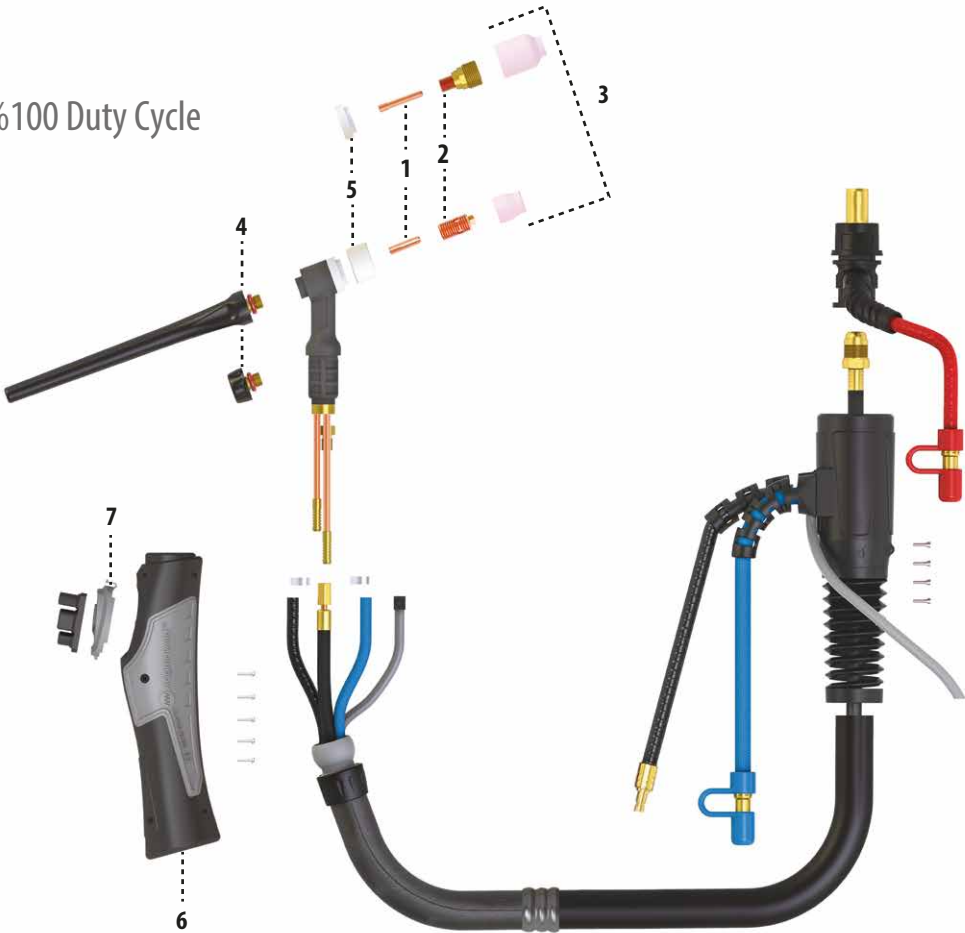
Model			Product Code		
			4 m	8 m	
Lava TIG 26			7110018004	7110018008	
Consumables					
Part No.	Product Name	Product Code	Part No.	Product Name	Product Code
1	Collet		2	Collet Body	
	1.0 mm	7012000010		3.2 mm (with lens)	7016000032
	1.6 mm	7012000016		4.0 mm (with lens)	7016000040
	2.0 mm	7012000020	3	Ceramic Nozzle	
	2.4 mm	7012000024		Ø6 - L46 mm No: 4	7014000604
	3.2 mm	7012000032		Ø8 - L46 mm No: 5	7014000805
	4.0 mm	7012000040		Ø10 - L46 mm No: 6	7014001006
2	Collet Body			Ø11 - L46 mm No: 7	7014001107
	1.0 mm	7013000110		Ø12.5 - L46 mm No: 8	7014001108
	1.6 mm	7013000116		Ø16 - L46 mm No: 10	7014001610
	2.0 mm	7013000120	Ø8 - L76 mm No: 5 (Long)	7014010805	
	2.4 mm	7013000124	Ø10 - L76 mm No: 6 (Long)	7014011006	
	3.2 mm	7013000132	Ø11 - L76 mm No: 7 (Long)	7014011107	
	4.0 mm	7013000140	4	Back Cap (Long)	7015000101
	1.0 mm (with lens)	7016000010		Back Cap (Short)	7015000102
	1.6 mm (with lens)	7016000016	5	Insulator	7017000101
	2.0 mm (with lens)	7016000020		Insulator (with lens)	7017000102
	2.4 mm (with lens)	7016000024	6	Handle	Y512000270
				7	Trigger

*For lens nozzles, see the consumption table on page 24.

Water Cooled TIG Torch

Lava TIG 24W

180A DC, EN60974-7 @ %100 Duty Cycle



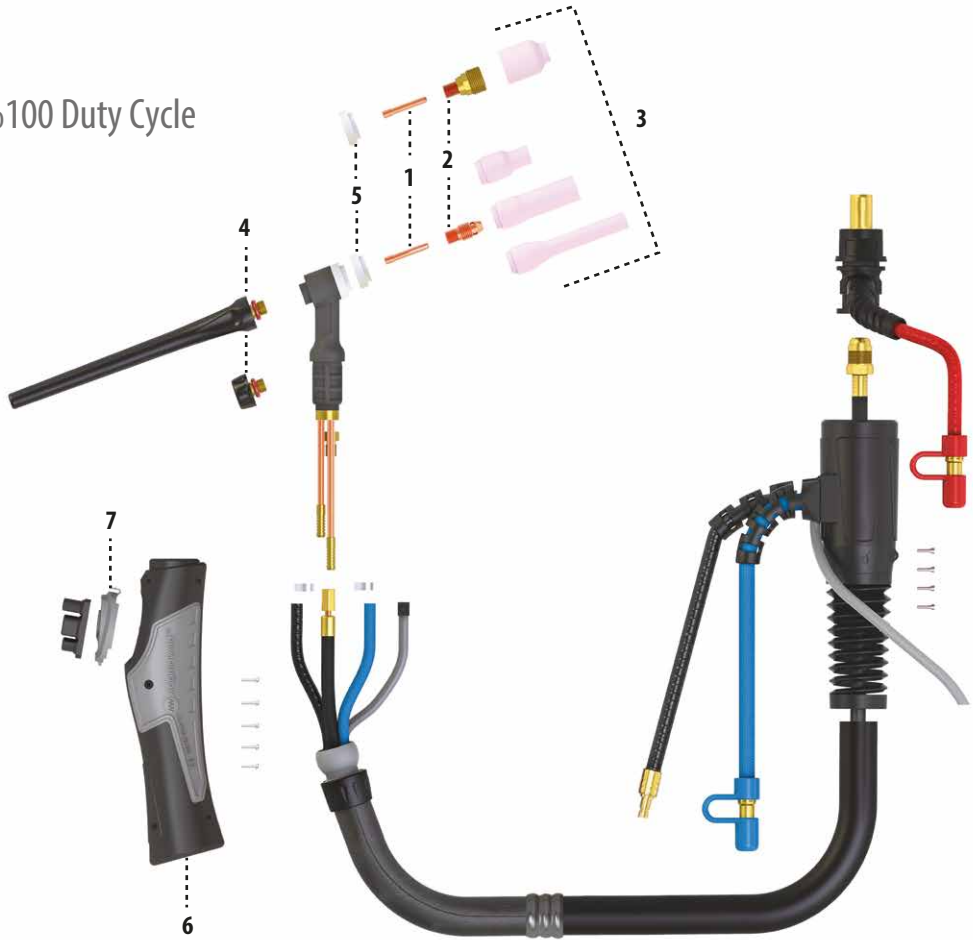
Model	Product Code	
	4 m	8 m
Lava TIG 24W	7110018104	7110018108

Consumables					
Part No.	Product Name	Product Code	Part No.	Product Name	Product Code
1	Collet		4	Back Cap (Long)	7015000103
	1.0 mm	7012020010		Back Cap (Short)	7015000104
	1.6 mm	7012020016	5	Insulator	7017000104
	1.6 mm (with lens)	7012100016		Insulator (with lens)	7017000105
2	Collet Body		6	Handle	Y512000269
	1.0 mm	7013020110	7	Trigger	7910000001
	1.6 mm	7013020116			
	1.0 mm (with lens)	7016010010			
	1.6 mm (with lens)	7016010016			
3	Ceramic Nozzle				
	Ø6 - L17 mm No: 4	7014150604			
	Ø8 - L17 mm No: 5	7014150805			
	Ø10 - L17 mm No: 6	7014151006			
	Ø6 - L25 mm No: 4 (with lens)	7014140604			
	Ø8 - L25 mm No: 5 (with lens)	7014140805			
	Ø10 - L25 mm No: 6 (with lens)	7014141006			
	Ø11 - L25 mm No: 7 (with lens)	7014141107			
	Ø12.5 - L25 mm No: 8 (with lens)	7014141208			

Water Cooled TIG Torch

Lava TIG 20W

225A DC, EN60974-7 @ %100 Duty Cycle



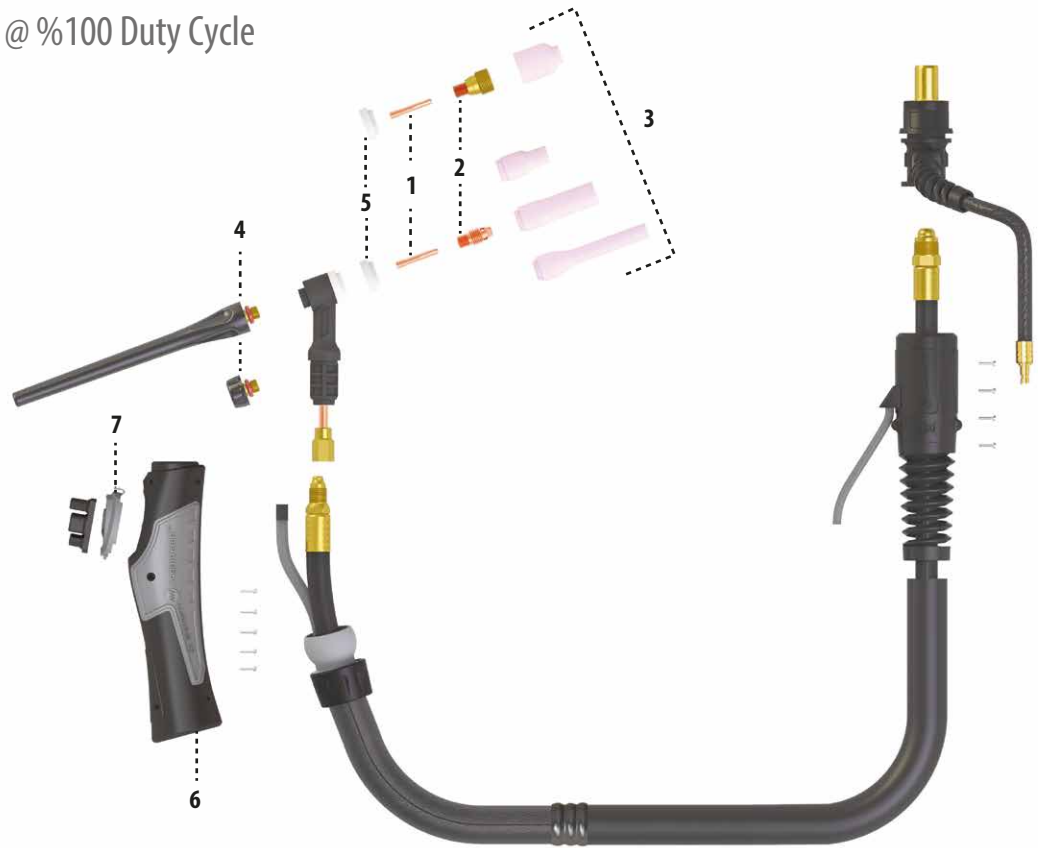
Model	Product Code	
	4 m	8 m
Lava TIG 20W	7110022504	7110022508

Consumables					
Part No.	Product Name	Product Code	Part No.	Product Name	Product Code
1	Collet		3	Ceramic Nozzle	
	1.0 mm	7012010010		Ø11 - L30 mm No: 7	7014021107
	1.6 mm	7012010016		Ø12.5 - L30 mm No: 8	7014021208
	2.0 mm	7012010020		Ø16 - L30 mm No: 10	7014021610
2	Collet Body			Ø5 - L48 mm No: 3 (Long)	7014030503
	1.0 mm	7013010110		Ø6 - L48 mm No: 4 (Long)	7014030604
	1.6 mm	7013010116		Ø8 - L48 mm No: 5 (Long)	7014030805
	2.0 mm	7013010120		Ø10 - L48 mm No: 6 (Long)	7014031006
	2.4 mm	7013010124		Ø6 - L25 mm No: 4 (with lens)	7014140604
	1.0 mm (with lens)	7016010010		Ø8 - L25 mm No: 5 (with lens)	7014140805
	1.6 mm (with lens)	7016010016		Ø10 - L25 mm No: 6 (with lens)	7014141006
	2.0 mm (with lens)	7016010020		Ø11 - L25 mm No: 7 (with lens)	7014141107
	2.4 mm (with lens)	7016010024		Ø12.5 - L25 mm No: 8 (with lens)	7014141208
3	Ceramic Nozzle		4	Back Cap (Long)	7015000103
	Ø6 - L30 mm No: 4	7014020604		Back Cap (Short)	7015000104
	Ø8 - L30 mm No: 5	7014020805	5	Insulator	7017000103
	Ø10 - L30 mm No: 6	7014021006	6	Handle	Y512000269
			7	Trigger	7910000001

Water Cooled TIG Torch

Lava TIG 18W

380A DC, EN60974-7 @ %100 Duty Cycle



Model			Product Code		
			4 m	8 m	
Lava TIG 18W			7110038004	7110038008	
Consumables					
Part No.	Product Name	Product Code	Part No.	Product Name	Product Code
1	Collet		2	Collet Body	
	1.0 mm	7012000010		3.2 mm (with lens)	7016000032
	1.6 mm	7012000016	3	Ceramic Nozzle	
	2.0 mm	7012000020		Ø6 - L46 mm No: 4	7014000604
	2.4 mm	7012000024		Ø8 - L46 mm No: 5	7014000805
	3.2 mm	7012000032		Ø10 - L46 mm No: 6	7014001006
	4.0 mm	7012000040		Ø11 - L46 mm No: 7	7014001107
2	Collet Body			Ø12.5 - L46 mm No: 8	7014001108
	1.0 mm	7013000110	Ø16 - L46 mm No: 10	7014001610	
	1.6 mm	7013000116	Ø8 - L76 mm No: 5 (Long)	7014010805	
	2.0 mm	7013000120	Ø10 - L76 mm No: 6 (Long)	7014011006	
	2.4 mm	7013000124	Ø11 - L76 mm No: 7 (Long)	7014011107	
	3.2 mm	7013000132	4	Back Cap (Long)	7015000101
	4.0 mm	7013000140		Back Cap (Short)	7015000102
	1.0 mm (with lens)	7016000010	5	Insulator	7017000101
	1.6 mm (with lens)	7016000016		Insulator (with lens)	7017000102
	2.0 mm (with lens)	7016000020	6	Handle	Y512000270
	2.4 mm (with lens)	7016000024		7	Trigger

*For lens nozzles, see the consumption table on page 24.

*For lens nozzles, see the consumption table on page 24.

PCH-PCM Series

For upgrading to high cutting power
MagmaWeld Plasma torches

Consumables

High-quality, long-lasting consumables has been specially designed and produced with the latest technology. Thanks to its compatibility with brands in the market, offers high price / performance solutions.

Trigger Mechanism

With high strength trigger safety lock
It prevents work accidents.

Cable Group

The cable system which subjected to long and heavy tests provides lightness, flexibility and excellent conductivity with its high quality materials. Rubber coated cable material, increases the strength and extends the life of the torch.

Torch Handle

With high temperature resistance
durable grip design, combines strength and lightness

Rear Connector

Connector case made of glass-reinforced polymer material and manufactured according to standards. Connector design offers a simple and aesthetic solution to eliminate problems and removes machine incompatibilities.

With the Euro Connector structure, It also provides compatibility with other brands.



Plasma Torches

Plasma Hand Cutting Torch

40-125 A, %60 (125 A) Duty Cycle, Gas: Air / N₂,
Working Pressure (Cutting): 5-6 bar
Working Pressure (Gouging): 4-4,5 bar
Gas Flow (125 A): 295 lt/min.
Ignition: Without HF



Model	Product Code	
	6 m	12 m
PCH Plasma Torch	7142H10506	7142H10512

Plasma Mechanized Cutting Torch

40-125 A, %60 (125 A) Duty Cycle, Gas: Air / N₂,
Working Pressure (Cutting): 5-6 bar
Working Pressure (Gouging): 4-4,5 bar
Gas Flow (125 A): 295 lt/min.
Ignition: Without HF



Model	Product Code	
	6 m	12 m
PCM Plasma Torch	7142M10506	7142M10512

Consumables and Accessories

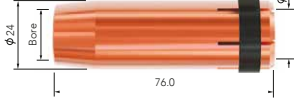
Magmaweld consumables and accessories with high material quality are economical and long-lasting!

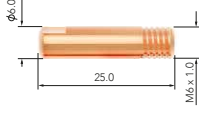
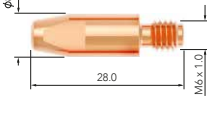
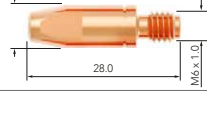


With ziplock PVC packaging you can see the contents easily and safer now!

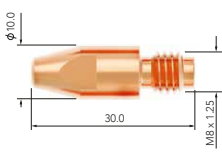
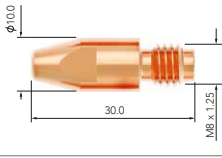
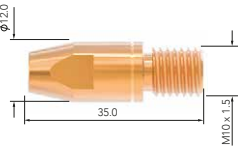


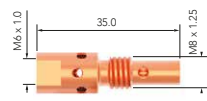
MIG Torch Consumables

Nozzles	Product Code	Product Name	Diameter(mm)	Diameter(Ø)	Compatible Lava MIG Torches					
					15	25	35	40	50W/WR	65W
	7022021653	Cyclindric Nozzle	1.0	16.0	●					
	7022001253	Conical Nozzle	1.0	12.0	●					
	7022011053	Narrow Nozzle	1.0	10.5	●					
	7022031353	Bottle Nozzle	1.0	12.8	●					
	7022021857	Cyclindric Nozzle	4.0	18.0		●				
	7022001554	Conical Nozzle	0.5	15.0		●				
	7022011253	Narrow Nozzle	1.0	12.0		●				
	7022031457	Bottle Nozzle	1.6	14.5		●				
	7022021983	Cyclindric Nozzle	2.0	19.0			●			
	7022001684	Conical Nozzle	2.4	16.1			●			
	7022011283	Narrow Nozzle	3.2	12.0			●			
	7022021976	Cyclindric Nozzle	2.0	19.0				●	●	●
	7022001675	Conical Nozzle	2.4	16.0				●	●	●
	7022011476	Narrow Nozzle	3.2	14.0				●	●	●

Contact Tips	Product Code	Product Name	Diameter(mm)	Compatible Lava MIG Torches					
				15	25	35	40	50W/WR	65W
	7023062506	Contact Tip	0.6 - 0.023 x M6	●					
	7023062508	Contact Tip	0.8 - 0.030 x M6	●					
	7023062510	Contact Tip	1.0 - 0.040 x M6	●					
	7023062512	Contact Tip	1.2 - 0.045 x M6	●					
	7023062806	Contact Tip	0.6 - 0.023 x M6		●	●			
	7023062808	Contact Tip	0.8 - 0.030 x M6		●	●			
	7023062810	Contact Tip	1.0 - 0.040 x M6		●	●			
	7023062812	Contact Tip	1.2 - 0.045 x M6		●	●			
	7023062814	Contact Tip	1.4 - 0.055 x M6		●	●			
	7023062816	Contact Tip	1.6 - 0.063 x M6			●			
	7023162808	Contact Tip (Al)	0.8 - 0.040 x M6		●	●			
	7023162810	Contact Tip (Al)	1.0 - 0.045 x M6		●	●			
	7023162812	Contact Tip (Al)	1.2 - 0.063 x M6		●	●			
	7023262808	Contact Tip (CuCrZr)	0.8 - 0.030 x M6		●	●			
	7023262810	Contact Tip (CuCrZr)	1.0 - 0.040 x M6		●	●			
	7023262812	Contact Tip (CuCrZr)	1.2 - 0.045 x M6		●	●			

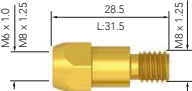
- Standard
- Optional

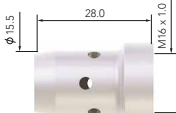
Contact Tips	Product Code	Product Name	Diameter(mm)	Compatible Lava MIG Torches					
				15	25	35	40	50W/WR	65W
	7023083008	Contact Tip	0.8 - 0.030 x M8				●	●	●
	7023083010	Contact Tip	1.0 - 0.040 x M8				●	●	●
	7023083012	Contact Tip	1.2 - 0.045 x M8				●	●	●
	7023083014	Contact Tip	1.4 - 0.055 x M8				●	●	●
	7023083016	Contact Tip	1.6 - 0.063 x M8				●	●	●
	7023083020	Contact Tip	2.0 - 0.080 x M8				●	●	●
	7023183008	Contact Tip (Al)	0.8 - 0.035 x M8				●	●	●
	7023183010	Contact Tip (Al)	1.0 - 0.045 x M8				●	●	●
	7023183012	Contact Tip (Al)	1.2 - 0.063 x M8				●	●	●
	7023283010	Contact Tip (CuCrZr)	1.0 - 0.040 x M8			●	●	●	
	7023283012	Contact Tip (CuCrZr)	1.2 - 0.045 x M8			●	●	●	
	7023283016	Contact Tip (CuCrZr)	1.6 - 0.063 x M8			●	●	●	
	7023283024	Contact Tip (CuCrZr)	2.4 - 0.095 x M8			●	●	●	
	7023213512	Contact Tip (CuCrZr)	1.2 - 0.045 x M10				●	●	
	7023213514	Contact Tip (CuCrZr)	1.4 - 0.055 x M10				●	●	
	7023213516	Contact Tip (CuCrZr)	1.6 - 0.063 x M10				●	●	
	7023213520	Contact Tip (CuCrZr)	2.0 - 0.080 x M10				●	●	
	7023213524	Contact Tip (CuCrZr)	2.4 - 0.095 x M10				●	●	

Contact Tip Holders	Product Code	Product Name	Compatible Lava MIG Torches					
			15	25	35	40	50W/WR	65W
	7026000156	Tip Holder M6	●					
	7026000256	Tip Holder M6		●				

- Standard
- Optional

MIG Torch Consumables

Contact Tip Holders	Product Code	Product Name	Compatible Lava MIG Torches					
			15	25	35	40	50W/WR	65W
	7026000356	Tip Holder M6			●			
	7026000358	Tip Holder M8			●			
	7026000408	Tip Holder M8				●		
	7026000508	Tip Holder M8					●	
	7026000608	Tip Holder M8						●

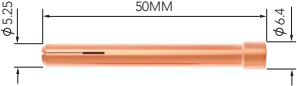
Gas Diffusers	Product Code	Product Name	Compatible Lava MIG Torches					
			15	25	35	40	50W/WR	65W
	7024100024	Gas Diffuser (White)		●				
	7024100035	Gas Diffuser (White) Gas Diffuser (White)			●			
	7024100050	Gas Diffuser (White)				●	●	●

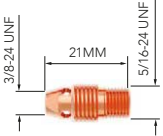
- Standard
- Optional

Lineers	Product Code	Product Name	Diameter(mm)	Compatible Lava MIG Torches					
				15	25	35	40	50W/WR	65W
	7025030609	Steel Lineer / 3 m	0.6-0.9	●	●	●	●	●	
	7025040609	Steel Lineer / 4 m	0.6-0.9	●	●	●	●	●	
	7025031012	Steel Lineer / 3 m	1.0-1.2	●	●	●	●	●	
	7025041012	Steel Lineer / 4 m	1.0-1.2	●	●	●	●	●	
	7025051012	Steel Lineer / 5 m	1.0-1.2	●	●	●	●	●	
	7025031216	Steel Lineer / 3 m	1.6			●	●	●	
	7025041216	Steel Lineer / 4 m	1.6			●	●	●	
	7025051216	Steel Lineer / 5 m	1.6			●	●	●	
	7025032024	Steel Lineer / 3 m	1.6-2.4			●	●	●	
	7025042024	Steel Lineer / 4 m	1.6-2.4			●	●	●	
	7025052024	Steel Lineer / 5 m	1.6-2.4			●	●	●	
	7025131012	Steel Lineer / 3 m	1.0-1.2					●	●
	7025141012	Steel Lineer / 4 m	1.0-1.2					●	●
	7025151012	Steel Lineer / 5 m	1.0-1.2					●	●
	7025131216	Steel Lineer / 3 m	1.2-1.6					●	●
	7025141216	Steel Lineer / 4 m	1.2-1.6					●	●
	7025151216	Steel Lineer / 5 m	1.2-1.6					●	●
	7025530610	Teflon Lineer / 3 m	0.6-0.9	●	●	●	●	●	●
	7025540610	Teflon Lineer / 4 m	0.6-0.9	●	●	●	●	●	●
	7025550609	Teflon Lineer / 5 m	0.6-0.9	●	●	●	●	●	●
	7025531012	Teflon Lineer / 3 m	1.0-1.2	●	●	●	●	●	●
	7025541012	Teflon Lineer / 4 m	1.0-1.2	●	●	●	●	●	●
	7025551012	Teflon Lineer / 5 m	1.0-1.2	●	●	●	●	●	●
	7025531216	Teflon Lineer / 3 m	1.2-1.6			●	●	●	●
	7025541216	Teflon Lineer / 4 m	1.2-1.6			●	●	●	●
	7025551216	Teflon Lineer / 5 m	1.2-1.6			●	●	●	●

● Standard
● Optional

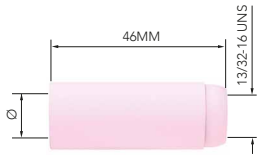
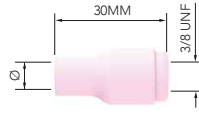
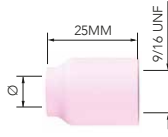
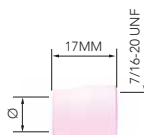
TIG Torch Consumables

Collets	Product Code	Product Name	Diameter (mm)	Diameter (inch)	Compatible Lava TIG Torches					
					9	17	26	24W	20W	18W
	7012000010	Collet	1.0	0.04"		●	●			●
	7012000016	Collet	1.6	1/16"		●	●			●
	7012000020	Collet	2.0	5/64"		●	●			●
	7012000024	Collet	2.4	3/32"		●	●			●
	7012000032	Collet	3.2	1/8"		●	●			●
	7012000040	Collet	4.0	5/32"		●	●			●
	7012010010	Collet	1.0	0.04"	●				●	
	7012010016	Collet	1.6	1/16"	●				●	
	7012010020	Collet	2.0	5/64"	●				●	
	7012010024	Collet	2.4	3/32"	●				●	
	7012010032	Collet	3.2	1/8"	●				●	
	7012020010	Collet	1.0	0.04"				●		
	7012020016	Collet	1.6	1/16"				●		

Collet Bodies	Product Code	Product Name	Diameter (mm)	Diameter (inch)	Compatible Lava TIG Torches					
					9	17	26	24W	20W	18W
	7013000110	Collet Body	1.0	0.04"		●	●			●
	7013000116	Collet Body	1.6	1/16"		●	●			●
	7013000120	Collet Body	2.0	5/64"		●	●			●
	7013000124	Collet Body	2.4	3/32"		●	●			●
	7013000132	Collet Body	3.2	1/8"		●	●			●
	7013000140	Collet Body	4.0	5/32"		●	●			●
	7013010110	Collet Body	1.0	0.04"	●				●	
	7013010116	Collet Body	1.6	1/16"	●				●	
	7013010120	Collet Body	2.0	5/64"	●				●	
	7013010132	Collet Body	2.4	3/32"	●				●	
	7013010132	Collet Body	3.2	1/8"	●				●	
	7013020110	Collet Body	1.0	0.04"				●		
	7013020116	Collet Body	1.6	1/16"				●		

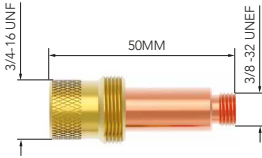
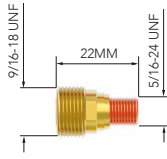
- Standard
- Optional

TIG Torch Consumables

Ceramic Nozzles	Product Code	Product Name	No	Ø (mm)	Diameter(inch)	Compatible Lava TIG Torches					
						9	17	26	24W	20W	18W
	7014001610	Ceramic Nozzle	10	16	5/8"		●	●			●
	7014001108	Ceramic Nozzle	8	12.5	1/2"		●	●			●
	7014001107	Ceramic Nozzle	7	11	7/16"		●	●			●
	7014001006	Ceramic Nozzle	6	10	3/8"		●	●			●
	7014000805	Ceramic Nozzle	5	8	5/16"		●	●			●
	7014000604	Ceramic Nozzle	4	6	1/4"		●	●			●
	7014011107	Long Ceramic Nozzle	7	11	7/16"		●	●			●
	7014011006	Long Ceramic Nozzle	6	10	3/8"		●	●			●
	7014010805	Long Ceramic Nozzle	5	8	5/8"		●	●			●
	7014111208	Ceramic Nozzle	8	12.5	1/2"		●	●			●
	7014111107	Ceramic Nozzle	7	11	7/16"		●	●			●
	7014119506	Ceramic Nozzle	6	10	3/8"		●	●			●
	7014110805	Ceramic Nozzle	5	8	5/16"		●	●			●
	7014116504	Ceramic Nozzle	4	6	1/4"		●	●			●
	7014111711	Ceramic Nozzle	11	17	11/16"		●	●			●
	7014020604	Ceramic Nozzle	4	6	1/4"	●				●	
	7014020805	Ceramic Nozzle	5	8	5/16"	●				●	
	7014021006	Ceramic Nozzle	6	10	3/8"	●				●	
	7014021107	Ceramic Nozzle	7	11	7/16"	●				●	
	7014021208	Ceramic Nozzle	8	12.5	1/2"	●				●	
	7014021610	Ceramic Nozzle	10	16	5/8"	●				●	
	7014030503	Long Ceramic Nozzle	3	5	3/16"	●				●	
	7014030604	Long Ceramic Nozzle	4	6	1/4"	●				●	
	7014030805	Long Ceramic Nozzle	5	8	5/16"	●				●	
	7014031006	Long Ceramic Nozzle	6	10	3/8"	●				●	
	7014140604	Ceramic Nozzle	4	6	1/4"	●			●	●	
	7014140805	Ceramic Nozzle	5	8	5/16"	●			●	●	
	7014141006	Ceramic Nozzle	6	10	3/8"	●			●	●	
	7014141107	Ceramic Nozzle	7	11	7/16"	●			●	●	
	7014141208	Ceramic Nozzle	8	12.5	1/2"	●			●	●	
	7014050604	Ceramic Nozzle	4	6	1/4"				●		
	7014050805	Ceramic Nozzle	5	8	5/16"				●		
	7014051006	Ceramic Nozzle	6	10	3/8"				●		

- Standard
- Optional

TIG Torch Consumables

Gas Lenses	Product Code	Product Name	Diameter (mm)	Diameter (inch)	Compatible Lava TIG Torches					
					9	17	26	24W	20W	18W
	7016000010	Gas Lens	1.0	0.04"		●	●			●
	7016000016	Gas Lens	1.6	1/16"		●	●			●
	7016000020	Gas Lens	2.0	5/64"		●	●			●
	7016000024	Gas Lens	2.4	3/32"		●	●			●
	7016000032	Gas Lens	3.2	1/8"		●	●			●
	7016010010	Gas Lens	1.0	0.04"	●			●	●	
	7016010016	Gas Lens	1.6	1/16"	●			●	●	
	7016010020	Gas Lens	2.0	5/64"	●			●	●	
	7016010024	Gas Lens	2.4	3/32"	●			●	●	
	7016010032	Gas Lens	3.2	1/8"	●			●	●	

Insulators	Product Code	Product Name	Compatible Lava TIG Torches					
			9	17	26	24W	20W	18W
	7017000101	Insulator		●	●			●
	7017000102	Insulator		●	●			●
	7017000103	Insulator	●				●	
	7017000104	Insulator				●		
	7017000105	Insulator				●		

Back Caps	Product Code	Product Name	Compatible Lava TIG Torches					
			9	17	26	24W	20W	18W
	7015000101	Back Cap (Long)		●	●			●
	7015000102	Back Cap (Short)		●	●			●
	7015000103	Back Cap (Long)	●			●	●	
	7015000104	Back Cap (Short)	●			●	●	

- Standard
- Optional

Tungsten Elektrodlar

Tungsten Electrodes	Product Code	Product Name	Diameter(mm)
	7018000116	Tungsten Electrode Red (Wt-20)	1.6 x 175 mm
	7018000120	Tungsten Electrode Red (Wt-20)	2.0 x 175 mm
	7018000124	Tungsten Electrode Red (Wt-20)	2.4 x 175 mm
	7018000132	Tungsten Electrode Red (Wt-20)	3.2 x 175 mm
	7018000140	Tungsten Electrode Red (Wt-20)	4.0 x 175 mm
	7018000216	Tungsten Electrode Green (Wp)	1.6 x 175 mm
	7018000220	Tungsten Electrode Green (Wp)	2.0 x 175 mm
	7018000224	Tungsten Electrode Green (Wp)	2.4 x 175 mm
	7018000232	Tungsten Electrode Green (Wp)	3.2 x 175 mm
	7018000240	Tungsten Electrode Green (Wp)	4.0 x 175 mm
	7018000316	Tungsten Electrode Grey (Wc-20)	1.6 x 175 mm
	7018000320	Tungsten Electrode Grey (Wc-20)	2.0 x 175 mm
	7018000324	Tungsten Electrode Grey (Wc-20)	2.4 x 175 mm
	7018000332	Tungsten Electrode Grey (Wc-20)	3.2 x 175 mm
	7018000340	Tungsten Electrode Grey (Wc-20)	4.0 x 175 mm

Regulators and Heaters	Product Code	Product Name
	7020001005	CO ₂ Regulator
	7020001004	Argon/Mix Regulator
	7020009002	CO ₂ Heater 220V
	7020009003	CO ₂ Heater 24V

Plasma Consumables

Consumables		Ampere	Usage			Compatible Torches	
			Drag Cutting	Precision Cut	Gouging	PCH	PCM
	Electrode	45-105A	7042E00001	7042E00001	7042E00001	●	●
	Swirl Ring	45 A	7042220857	7042220947	-	●	●
		65 A	7042220857	-	7042220857	●	●
		85 A	7042220857	-	7042220857	●	●
		105 A	7042220857	-	7042220857	●	●
	Nozzle	45 A	7042220941	7042220930	-	●	●
		65 A	7042220819	-	70422208NG	●	●
		85 A	7042220816	-	70422208NG	●	●
		105 A	7042220990	-	70422209NG	●	●
	Shield Body (Retaining Cap)	45-85 A		7042220854		●	●
		105 A	7042220855	-	7042220855	●	●
		45-85 A Ohmic	7042220953	7042220953	-		●
		105 A Ohmic	7042220954	7042220954	-		●
	Shield	45-85 A	7042220818	7042220955	70422209SG	●	
		105 A	7042220992	-	70422209SG	●	
		45-85 A	7042220817	7042220948	-		●
		105 A	7042220993	7042220948	-		●
	Deflector	45 A	-	7042220931	-	●	

- For All Types
- Only for Drag Cutting

11/11/2011

[illegible]

11/11/2011

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Non-Stop Welding Since 1957

Magmaweld is a developer & manufacturer of Stick Electrodes, MIG/MAG & TIG Wires, Flux Cored Wires, Submerged-Arc Wires and Fluxes, Welding Machines, Fume Extractors, Welding Ancillary Products and Robotic Automation Systems since 1957 in Turkey. 95% of its sales program is manufactured by the two factories in Manisa/Turkey.



(+90) 444 93 53
magmaweld.com
info@magmaweld.com