

# EML-AJ

# Nozzles

Material	Cut Type	Thickness (mm)	Nozzle Size	Nozzle Code
Mild Steel (SPC, SPH & SS400)	Air	0.5 - 1.2	S2.0 CP	Nozzle 80CF
	Nitrogen	0.5 - 3	S2.0 CP	Nozzle 80CF
		4	D4.0 CC	Nozzle 84CF
	ECO	1 - 6	S1.0 FE	Nozzle 105F
Stainless Steel (SUS)	Air	0.5 - 1.5	S2.0 CP	Nozzle 80CF
	Nitrogen	0.5 - 3	S2.0 CP	Nozzle 80CF
		4 - 6	D4.0 CC	Nozzle 84CF

Material	Cut Type	Thickness (mm)	Nozzle Size	Nozzle Code
Brass	Nitrogen	0.5 - 3	D2.0 F	Nozzle 100F
		4 - 6	D4.0 AL	Nozzle 76CF
Titanium	Nitrogen	0.5 - 3	D2.0 F	Nozzle 100F
		4 - 5	D4.0 AL	Nozzle 76CF
Copper	Oxygen	0.5 - 3	D2.0 F	Nozzle 100F
		4 - 6	D4.0 AL	Nozzle 76CF

Material	Cut Type	Thickness (mm)	Nozzle Size	Nozzle Code
Aluminium (A5052 & A 1050)	Air	0.5 - 2	D2.0 F	Nozzle 100F
	Nitrogen	0.5 - 2	D2.0 F	Nozzle 100F
		2.5 - 6	D4.0 AL	Nozzle 76CF
Galvanised (SECC)	Air	0.5 - 1.2	S2.0 CP	Nozzle 80CF
	Nitrogen	0.5 - 3	S2.0 CP	Nozzle 80CF

## Recommended Stock

Recommended Stock		Nozzle Code	Nozzle Description
QTY	Bulk/ pack		
		<b>Nozzle 76CF B10</b>	AMADA® DOUBLE NOZZLE Ø D4.0 AL CP
		<b>Nozzle 80CF B10</b>	AMADA® NOZZLE Ø S2.0 CP ECO CUT**
		<b>Nozzle 84CF B10</b>	AMADA® DOUBLE NOZZLE Ø D4.0CC SPECIAL CP FOR CLEAN CUT
		<b>Nozzle 100F B10</b>	AMADA® DOUBLE NOZZLE Ø D2.0F CP
		<b>Nozzle 105F B10</b>	AMADA® NOZZLE Ø S1.0 FE FIBER CP WITH COLLAR*
Recommended Stock		Optics Code	Optics Description
		<b>Optic162</b>	2" diameter lens for O2 processing on mild steel
		<b>Optic164</b>	2" diameter lens for all materials except O2 cutting on Mild Steel
		<b>Optic173</b>	10 pieces of protection glass
Recommended Stock		Laser Head Code	Laser Head Description
QTY	Bulk/ pack		
		<b>NOZZACC 21CF B5</b>	AMADA® NOZZLE ADAPTOR WITH HOLES and INNER
		<b>NOZZACC 27C B10</b>	Shield Ring
		<b>74905820</b>	Coupler Sensor Head



FOR ALL ENQUIRIES  
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\* Collar supplied  
 \*\* Not for use with reflective material

**Note:** Units codes ending B5 or B10 denote bulk packs of qty 5 or qty 10.