

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 & A1050)	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		
		Nozzle 76CF B10	AMADA® DOUBLE NOZZLE Ø D4.0 AL CP
		Nozzle 80CF B10	AMADA® NOZZLE Ø S2.0 CP ECO CUT**
		Nozzle 84CF B10	AMADA® DOUBLE NOZZLE Ø D4.0CC SPECIAL CP FOR CLEAN CUT
		Nozzle 100F B10	AMADA® DOUBLE NOZZLE Ø D2.0F CP
		Nozzle 105F B10	AMADA® NOZZLE Ø S1.0 FE FIBER CP WITH COLLAR*
Recommended Stock		Optics Code	Optics Description
		Optic162	2" diameter lens for O2 processing on mild steel
		Optic164	2" diameter lens for all materials except O2 cutting on Mild Steel
		Optic173	10 pieces of protection glass
Recommended Stock		Laser Head Code	Laser Head Description
QTY	Bulk/ pack		
		NOZZACC 21CF B5	AMADA® NOZZLE ADAPTOR WITH HOLES and INNER
		NOZZACC 27C B10	Shield Ring
		74905820	Coupler Sensor Head

* Collar supplied

** Not for use with reflective material

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



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