

ENSIS-AJ 3 kW

Nozzles

Material	Cut Type	Thickness (mm)	Nozzle Size	Nozzle Code
Mild Steel (SPC, SPH & SS400)	Air	0.8 - 1.2	S2.0 CP	Nozzle 80CF
	Nitrogen	0.8 - 2.0	S2.0 CP	Nozzle 80CF
		2.5 - 4	D4.0 CC	Nozzle 84CF
	Nitrogen CFC	2.5 - 3	D2.5 CP	Nozzle 73CF
	ECO	1 - 8	S1.0 FE	Nozzle 105F
		10 - 12	D1.2 FE	Nozzle 113F
		15 - 20	D2.0 FE	Nozzle 40F
	WACS	15 - 20	D3.4 FW	71572669
		15 - 25	D4.0 W	Nozzle 67CF

Material	Cut Type	Thickness (mm)	Nozzle Size	Nozzle Code
Stainless Steel (SUS)	Air	0.8 - 1.5	S2.0 CP	Nozzle 80CF
	Nitrogen	0.8 - 1.5	S2.0 CP	Nozzle 80CF
		4 - 8	D4.0 CC	Nozzle 84CF
		10 - 15	D7.0 CC	Nozzle 88CF
	Nitrogen CFC	2.5 - 3	D2.5 CP	Nozzle 73CF

Material	Cut Type	Thickness (mm)	Nozzle Size	Nozzle Code
Aluminium (A5052 & A1050)	Air	0.8 - 2	D2.0 F	Nozzle 100F
	Nitrogen	0.8 - 2	D2.0 F	Nozzle 100F
		3 - 10	D4.0 AL	Nozzle 76CF
	Nitrogen (A5052)	12	D4.0 AL	Nozzle 76CF
Galvanised (SECC)	Air	0.8 - 1.2	S2.0 CP	Nozzle 80CF
	Nitrogen	0.8 - 2.5	S2.0 CP	Nozzle 80CF
		3	D4.0 CC	Nozzle 84CF
	Nitrogen CFC	3	D 2.5 CP	Nozzle 73CF

Material	Cut Type	Thickness (mm)	Nozzle Size	Nozzle Code
Brass	Nitrogen	0.8 - 3	D2.0 F	Nozzle 100F
		4 - 8	D4.0 AL	Nozzle 76CF
Titanium	Nitrogen	0.8 - 3	D2.0 F	Nozzle 100F
		4 - 5	D4.0 AL	Nozzle 76CF
Copper	Oxygen	0.8 - 3	D2.0 F	Nozzle 100F
		4 - 6	D4.0 AL	Nozzle 76CF

Recommended Stock

Recommended Stock		Nozzle Code	Nozzle Description
QTY	Bulk/ pack		
		Nozzle 40F B5	DOUBLE NOZZLE D2.0 FE FIBER CP WITH COLLAR
		Nozzle 67CF B10	AMADA® DOUBLE NOZZLE Ø D4.0W CP WACS WITH COLLAR
		Nozzle 73CF B10	AMADA® DOUBLE NOZZLE Ø D2.5 CP ECO CUT
		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 88CF B10	AMADA® DOUBLE NOZZLE Ø D7.0CC 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*
		Nozzle 113F B5	AMADA® DOUBLE NOZZLE D1.2 FE FIBER CP WITH COLLAR*
		71572669	AMADA® DOUBLE NOZZLE D3.4FW
Recommended Stock		Optics Code	Optics Description
		Optic164	2" diameter lens
		Optic173	10 pieces of protection glass
Recommended Stock		Laser Head Code	Laser Head Description
		NOZZACC 21CF B5	AMADA® NOZZLE ADAPTOR WITH HOLES and INNER
		NOZZACC 27C B10	Shield Ring
		71564134	Coupler Sensor Head
Recommended Stock		Code	Maintenance
		717710073	WACS Oil
		71567892	Shot Oil

* 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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