

LCG-AJ 9 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
		0.8 - 2.0	S2.0 CP	Nozzle 80CF
	Nitrogen	2.5 - 6	D4.0 CC	Nozzle 84CF
		8 - 10	D7.0 CC	Nozzle 88CF
		1 - 6	S1.0 FE	Nozzle 105F
	ECO	8 - 12	D1.2 FE	Nozzle 113F
		15	D2.5 CP	Nozzle 73CF
		15 - 20	D2.5 W	Nozzle 60CF
	WACS	18 - 25	D4.0 W	Nozzle 67CF

Material	Cut Type	Thickness (mm)	Nozzle Size	Nozzle Code
Brass	Nitrogen	0.8 - 2	D2.0 F	Nozzle 100F
		3 - 4	D2.5 CP	Nozzle 73CF
		5 - 8	D4.0 AL	Nozzle 76CF
		10 - 18	D7.0 AL	Nozzle 93F
Titanium	Nitrogen	0.8 - 3	D2.0 F	Nozzle 100F
		4 - 10	D4.0 AL	Nozzle 76CF
		12	D7.0 AL	Nozzle 93F
Copper	Oxygen	0.8 - 1.5	D2.0 F	Nozzle 100F
		2 - 3	D2.5 CP	Nozzle 73CF
		4 - 5	D4.0 AL	Nozzle 76CF
		6 - 12	D7.0 AL	Nozzle 93F

Material	Cut Type	Thickness (mm)	Nozzle Size	Nozzle Code
Stainless Steel (SUS)	Air	0.8 - 1.0	S2.0 CP	Nozzle 80CF
		1.5 - 2	D2.5 CP	Nozzle 73CF
		3	D4.0 CC	Nozzle 76CF
	Nitrogen	0.8 - 1.0	S2.0 CP	Nozzle 80CF
		1.5 - 2.0	D2.5 CP	Nozzle 73CF
		3 - 6	D4.0 CC	Nozzle 84CF
		8 - 25	D7.0 CC	Nozzle 88CF

Material	Cut Type	Thickness (mm)	Nozzle Size	Nozzle Code
Aluminium (A5052 & A1050)	Air	0.8 - 2	D2.0 F	Nozzle 100F
		3	D4.0 AL	Nozzle 76CF
	Nitrogen (A1050)	0.8 - 4	D2.0 F	Nozzle 100F
		5 - 6	D4.0 AL	Nozzle 76CF
		8 - 25	D7.0 AL	Nozzle 93F
		0.8 - 3	D2.0 F	Nozzle 100F
	Nitrogen (A5052)	4	D2.5 CP	Nozzle 73CF
		5 - 6	D4.0 AL	Nozzle 76CF
		8 - 25	D7.0 AL	Nozzle 93F
	Galvanised (SECC)	Air	0.8 - 1.2	S2.0 CP
0.8 - 2			S2.0 CP	Nozzle 80CF
Nitrogen		2.5 - 3	D2.5 CP	Nozzle 73CF

Recommended Stock

Recommended Stock		Nozzle Code	Nozzle Description
QTY	Bulk/ pack		
		Nozzle 39F B5	AMADA® DOUBLE NOZZLE D1.4 FE FIBER CP WITH COLLAR*
		Nozzle 41F B5	AMADA® DOUBLE NOZZLE Ø D10CC
		Nozzle 60CF B10	AMADA® DOUBLE NOZZLE Ø D2.5W CP WACS
		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 93F B10	AMADA® DOUBLE NOZZLE Ø 7.0 AL CC CP
		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*
Recommended Stock		Optics Code	Optics Description
		Optic164	2" diameter lens for all materials except O2 cutting on Mild Steel
		Optic162	2" diameter lense for oxygen cutting of mild steel only
		Optic173	10 pieces of protection glass
Recommended Stock		Laser Head Code	Laser Head Description
		NOZZACC 21CF	AMADA® NOZZLE ADAPTOR WITH HOLES and INNER
		NOZZACC 27C	AMADA® Shield Ring
		71564134	AMADA® 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.



FOR ALL ENQUIRIES

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