



CO₂ laser consumables – Laser Lab[®]



Hypertherm[®]

Highest quality products

- OEM quality
- OEM-approved optics
- 100% satisfaction guarantee

Technical service

OEM-trained technicians on staff with over 25 years of experience.

Free application support for all laser OEMs.

We stand behind our products with industry-leading technical expertise.

Chemical code key

Lens

PFL	Pre-focus
MEN	Meniscus
PLX	Plano-convex
MTD	Mounted
Not MTD	Not mounted
LA	Low absorption
PO	Plano

Mirrors

CU	Copper
GAAS	Gallium arsenide
SI	Silicon
GE	Germanium
ZNSE	Zinc-selenide
PS	Phase shift
MMR	Maximum metal reflector
ATFR	Absorbing thin film reflector
TRZ	Total reflector – zero phase shift
ZPS	Zero phase shift
OC	Output coupler
RM	Rear mirror
COL-I	Collimator input
COL-O	Collimator output
AO	Adaptive optic
MO	Molybdenum
UC	Uncoated
MCX	Convex
MCC	Concave

Measurements

DIA	Diameter
FL	Focal length
ET	Edge thickness

Nozzles

CP	Chrome plated
HD/HP	High density/high pressure

Product is available for the following major OEM brands

Amada®

Behrens®

Bystronic®

Cincinnati®

Finn-Power®

GHT-SHT®

Haas®

Haco®

Hankwang®

Laserdyne®

Laser Lab®

LVD®

Mazak®

Mitsubishi®

Murata Wiedemann® – Fanuc®

Niigata®

NTC® – Beyeler®

Precitec®

Prima Industrie®

Raskin®

Rouchaud®

Salvagnini®

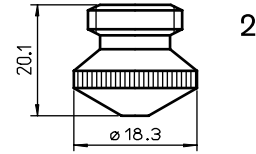
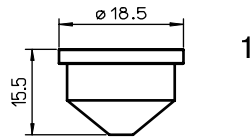
Strippit®

Tanaka®

Thyssen®

Trumpf®

Valfiv®



Consumables

Centricut part number	Reference number	Alternate reference	Description	Pkg qty
LL340-210T	03-210T	L510	Nozzle – 1.0 mm	1
LL340-212T	03-212T	L511	Nozzle – 1.2 mm	1
LL340-214T	03-214T	L512	Nozzle – 1.4 mm	1
1 LL340-217T	03-217T	L513	Nozzle – 1.7 mm	1
LL340-220T	03-220T	L514	Nozzle – 2.0 mm	1
LL340-224T	03-224T	L515	Nozzle – 2.4 mm	1
LL340-230T	03-230T	L516	Nozzle – 3.0 mm	1
LL341-2293-0.5	01-2293	L518	Nozzle – 0.5 mm	1
LL341-2293-1.0	00-2293-1.0	L519	Nozzle – 1.0 mm	1
LL341-2293-1.2	00-2293	L520	Nozzle – 1.2 mm	1
2 LL341-2293-1.5	03-2293	L521	Nozzle – 1.5 mm	1
LL341-2293-1.8	03-2293-1.8	L522	Nozzle – 1.8 mm	1
LL341-2293-2.0	02-2293	L523	Nozzle – 2.0 mm	1
LL341-2293-2.8	02-2293	L524	Nozzle – 2.8 mm	1

Optics

Centricut part number	Reference number	Type	Diameter	Focal length	Edge thickness
Lenses					
LL342-1819	166634, 61819	MEN	1.1"	5.0"	.236"
LL342-1014	61014, 406294, 658108	MEN	1.5"	5.0"	.290"
LL342-1171	61171	MEN	1.5"	7.5"	.300"

Optics care

Centricut part number	Reference number	Description	Pkg qty
TR300-6452	N/A	CO ₂ Lens paper (50 sheets)	1
TR300-1010	AL1010	Dropper, lens cleaning fluid	1
TR300-255	AL255	Loupe, magnifying	1
TR300-271	AL271	Base, lens maintenance	1
TR300-7388	787388	Mirror polish (250 ml)	1



Broadest product line in the industry!



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