



## *CO<sub>2</sub> laser consumables – Haas®*



***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®

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Behrens®

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Bystronic®

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Cincinnati®

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Finn-Power®

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GHT-SHT®

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Haas®

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Haco®

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Hankwang®

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Laserdyne®

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Laser Lab®

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LVD®

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Mazak®

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Mitsubishi®

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Murata Wiedemann® – Fanuc®

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Niigata®

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NTC® – Beyeler®

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Precitec®

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Prima Industrie®

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Rouchaud®

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Salvagnini®

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Strippit®

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Tanaka®

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Thyssen®

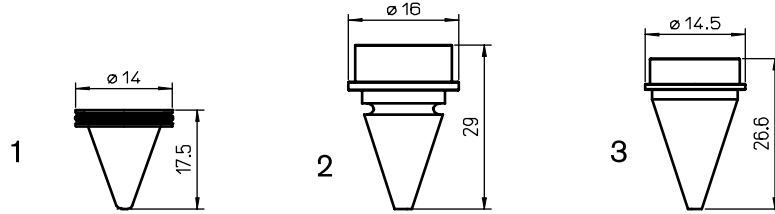
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Trumpf®

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Valfiv®

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**Consumables**

Centricut part number	Reference number	Alternate reference	Description	Pkg qty
TR414-0008	12-11-16-00	L507	Nozzle – 0.8 mm YAG w/o-ring	1
1 TR414-0010		L506	Nozzle – 1.0 mm YAG w/o-ring	1
TR414-0012	12-11-09-17/00	L505	Nozzle – 1.2 mm YAG w/o-ring	1
HS392-0001		L476	Nozzle – 0.6 mm	1
2 HS392-0002		L477	Nozzle – 0.8 mm	1
HS392-0003		L478	Nozzle – 1.0 mm	1
3 HS392-0004		L509	Nozzle – 0.9 mm	1

**Optics care**

Centricut part number	Reference number	Description	Pkg qty
TR300-6452	N/A	CO <sub>2</sub> 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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***Hypertherm***<sup>®</sup>

***Cut with confidence***<sup>™</sup>