



CO₂ laser consumables – Tanaka®



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®

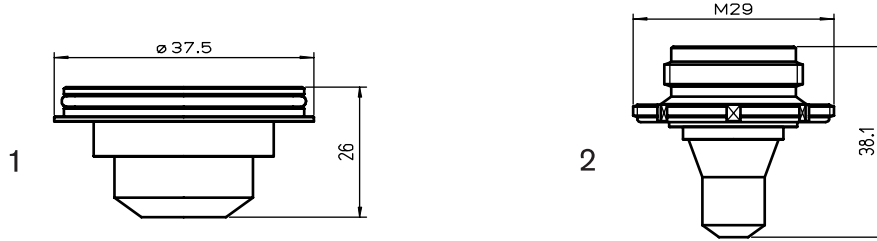
Strippit®

Tanaka®

Thyssen®

Trumpf®

Valfiv®



Consumables

Centricut part number	Reference number	Alternate reference	Description	Pkg qty
1 TK381-C20E-0		AL283	Nozzle – outer	1
2 TK381-C20E-1		L1200	Nozzle – inner	1
TK381-C20E-2 (not shown)	C20E	L1205	Nozzle assembly	1
TK354-S17B (not shown)	S17B	S17B	Nozzle – 1.7 mm	1
TK354-S20B (not shown)	S20B	S20B	Nozzle – 2.0 mm	1
TK354-S30B (not shown)	S30B	S30B	Nozzle – 3.0 mm	1
TK354-D40 (not shown)	D40	D40	Nozzle – 4.0 mm	1
TK354-D50 (not shown)	D50	D50	Nozzle – 5.0 mm	1
TK364-C22D-0 (not shown)	C22D-0	C22D-0	Outer nozzle	1
TK364-C22D-1 (not shown)	C22D-1	C22D-1	Inner nozzle	1

Optics

Centricut part number	Reference number	Type	Diameter	Focal length	Edge thickness
Lenses					
TK374-3478	541344, 263478	PLX	2.0"	8.75"	.310"
TK374-3827	243827	PLX	2.5"	8.75"	.310"
TK374-6670	236670	PLX	2.5"	10.0"	.390"

Centricut part number	Reference number	Type	Material	Diameter	Edge thickness	S1
Zero phase shift mirrors and total reflectors						
TK374-8426		MMR	SI	2.5"	.250"	
TK374-9822	659822	MMR	CU	2.756"	.984"	
TK374-0513	850513	TRZ	SI	3.0"	.250"	PO/FG 45 DEG

Centricut part number	Reference number	Material	Diameter	Edge thickness	S1
Phase shift mirrors					
TK374-3811	173811	CU	2.756"	.984"	
TK374-7768	697768	SI	3.0"	.236"	PO/FG 90 DEG

Optics care

Centricut part number	Reference number	Description	Pkg qty
TR300-6452	N/A	CO ₂ Lens paper (50 sheets)	1
TR300-SC20		Cotton swab – 20 piece	1
TR300-1115		Lens cleaning pre-cut cotton –100 piece	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

New items shown in bold

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Broadest product line in the industry!



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