KARVATRON
INDUSTRIAL EQUIPMENT SOLUTIONS

TARGET TRADE
INTERNATIONAL TRADE

Fiber Laser Consumables and Machineries

Whatsapp - 1

Whatsapp - 2

https://www.disticaret.org.tr | https://www.karvatron.com/

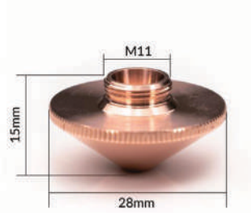
KARVATRON
INDUSTRIAL EQUIPMENT SOLUTIONS

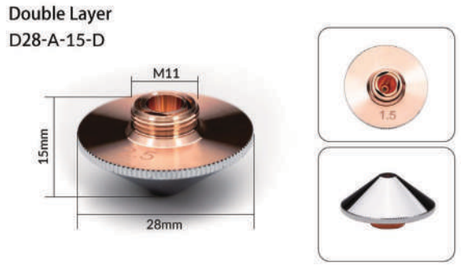
COMPANY INTRODUCTION

- **Karvatron - delivers high-performance industrial solutions specializing in advanced fiber laser technology, and premium spare parts. Driven by deep technical expertise and hands-on manufacturing, we bridge the gap between complex machinery and peak operational efficiency.**

We engineer every solution with a clear objective: eliminating costly downtime and driving down overall production costs. By supplying high-durability consumables and rapid-replacement components, Karvatron ensures your production lines run leaner, faster, and without interruption.











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INDUSTRIAL EQUIPMENT SOLUTIONS

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INTERNATIONAL TRADE

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All of our products comply with international quality standards.Our well-equipped facilities and excellent qualify control throughout all stages of production enable us to guarantee total customer satisfaction. As a result of our high qualify products and outstanding customer service,we have gained a global sales network through out the world.

https://www.karvatron.com/ | info@karvatron.com

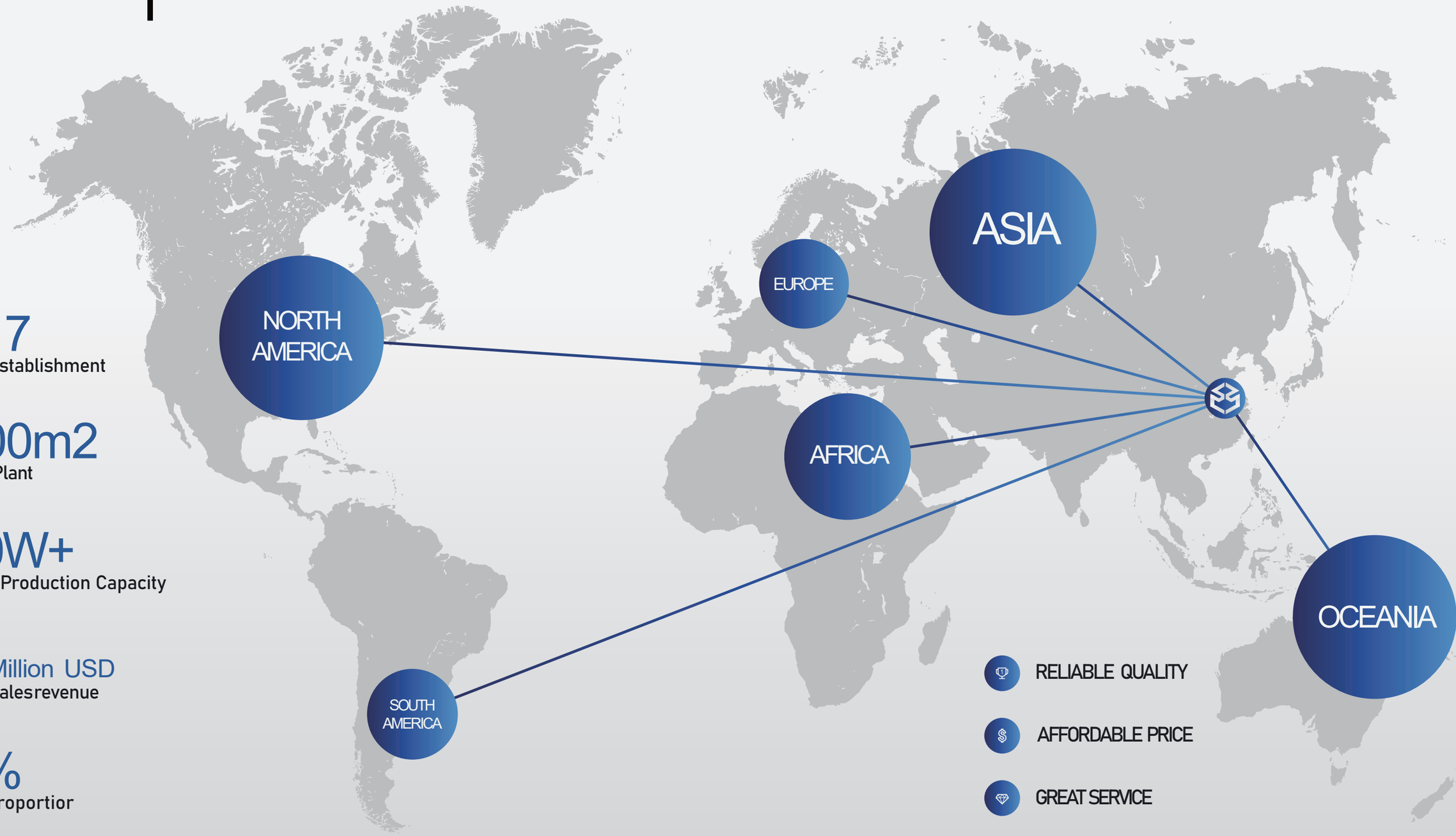
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OUR LENS SPECIFICATION SHEET

Fiber Laser Protective Lens Specification Sheet	
Substrate	High Purity Fused Silica JGS1/JGS2Sapphire K9
Material	CORNING/OHARA/Heraeus
Coating material	HFO2/SiO2
Diameter Tolerance	-0.1mm
Thickness Tolerance	±0.1mm
Coating Color	Yellow / Blue / Red / Customized
Wavelength	• Yellow Coating: 1030-1090 nm • Blue Coating: 1030-1090 nm • Red Coating: 900-1100 nm
Chamfer/Bevel	0.5x45°, Fine Ground
Transmittance*	99.98%
Surface Flatness(P-V)	γ/10
Lens Finish	40-20/20-10
Damage Threshold	25J/cm2
Shape	Circular / Customized

KARVATRON
INDUSTRIAL EQUIPMENT SOLUTIONS

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INTERNATIONAL TRADE



2017
Date of establishment

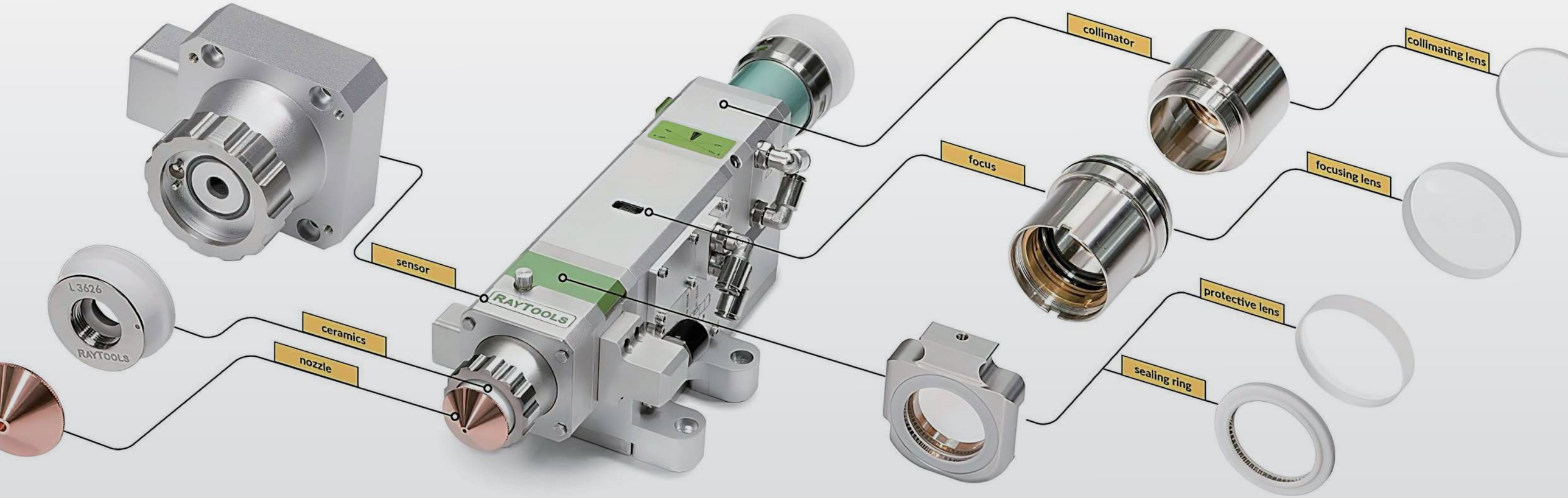
5000m2
Factory Plant

150W+
Monthly Production Capacity

20 Million USD
Annual salesrevenue

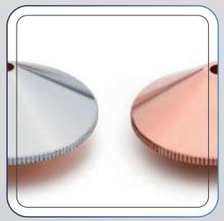
45%
Export proportior

- RELIABLE QUALITY
- AFFORDABLE PRICE
- GREAT SERVICE





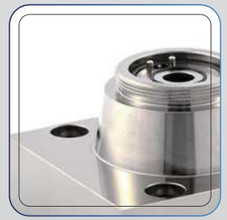
- LENS



- LASER NOZZLE



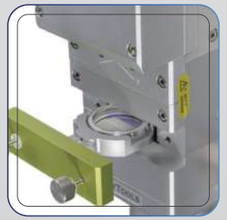
- CERAMIC RING



- SENSOR HEAD



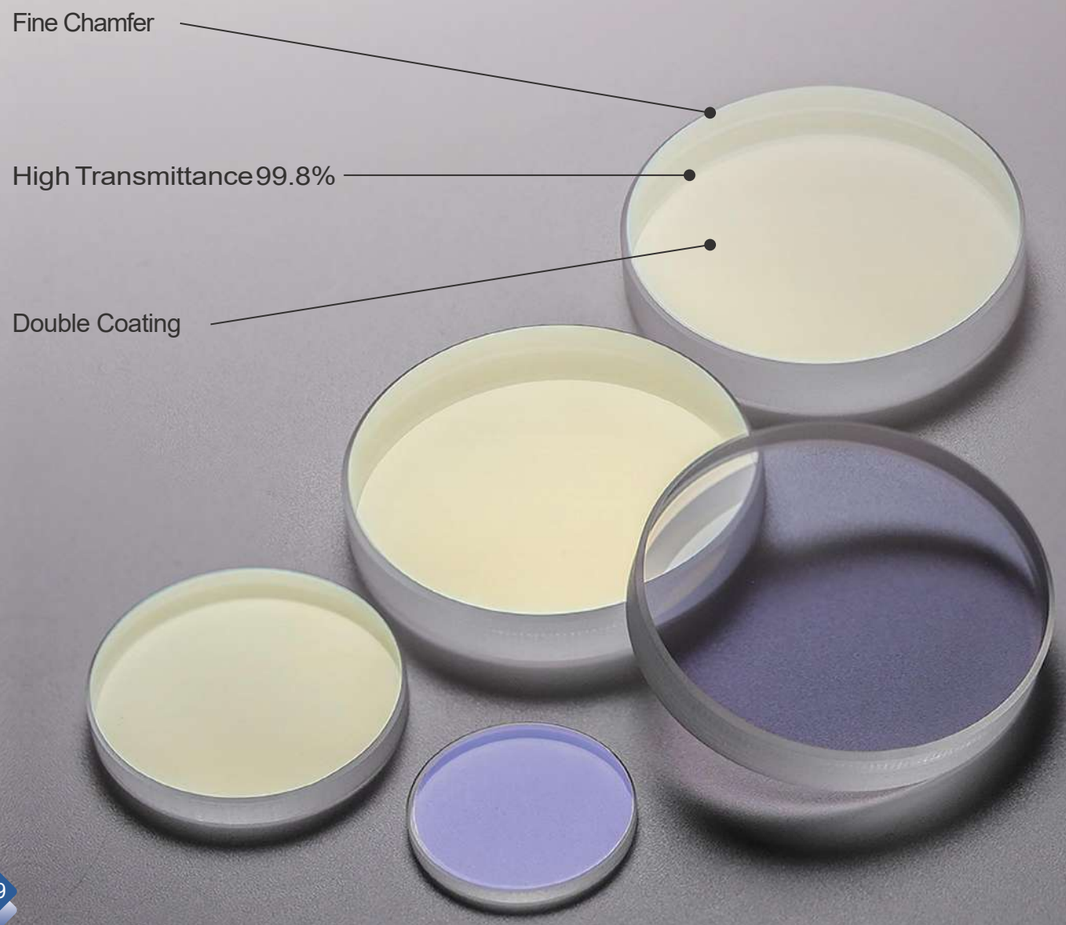
- FOCUSING & COLLIMATING ASSEMBLY



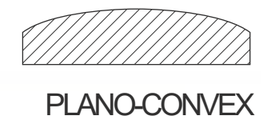
- OTHERS

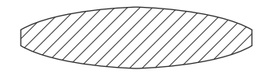
PROTECTION LENS

Material	Fused Silica JGS1																						
Diameter(mm)	18	20	20	20	20	20	21	22	22.35	22.35	22.4	22.4	24	24	24.4	24.9	25	25	25	25.4	25.4	25.4	25.4
Edge Thickness(mm)	2	2	3	4	5	6	5	2	4	4	2	4	4	5	2	1.5	1.5	2	3	1	1.5	3	4
Power(kw)	0-6	0-6	0-6	JGS2	JGS2	JGS2	0-40	JGS2	0-30	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	0-20	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	0-40
Diameter(mm)	25.4	25.4	26	26	26	27	27	27	27.9	27.9	29.8	30	30	30	30	30	32	32	32	33	33.3	34	34
Edge Thickness(mm)	5	6.35	3	4	6	2	4	5	4.1	4.7	1	1.5	2	3	4	5	2	5	6.35	3	1.5	3	5
Power(kw)	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	0-20	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	0-60
Diameter(mm)	35	35	35	35.5	36	36	36	36	36	37	37	37	37	37	38	38	38	38	38.1	38.1	38.1	40	40
Edge Thickness(mm)	1.5	4	5	5	2	3	4	5	6	1	1.6	3.5	4	7	2	5	6	10	1.6	6	6.35	2	3
Power(kw)	JGS2	0-20	JGS2	0-20	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	0-20	JGS2	JGS2	0-60	JGS2	JGS2	JGS2	JGS2	0-30	JGS2	0-30	JGS2	JGS2
Diameter(mm)	40	40	42	45	50	50	50	50	55	55	55	56	58	60	60	62	64	64	80	80	92	92	96
Edge Thickness(mm)	5	8	9	3	1.5	2	3	8	1.5	2	9	4	7	2	3	9.5	2	3	2	3	2	3	"
Power(kw)	0-30	JGS2	JGS2	JGS2	JGS2	0-30	JGS2	0-60	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2
Diameter(mm)	97.6	98	118	120	120	134	138	140	145	146	148	148	150										
Edge Thickness(mm)	"	2	3	3	5	3	4	4	3	[illegible]	"	5	3										
Power(kw)	JGS2	JGS2	JGS2	0-30	JGS2	0-30	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	0-30										

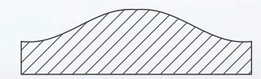


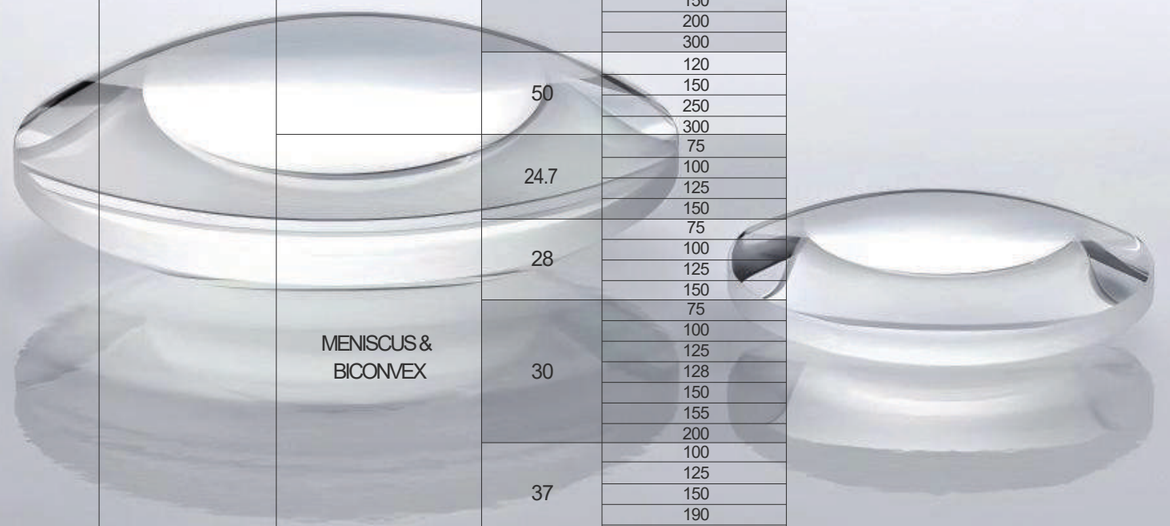
MATERIAL	SHAPE	SERIES	FOCUS LENGTH
HIGH PURITY FUSED SILICA	PLANO-CONVEX	16	50
			60
		20	50
			100
			125
			150
			200
			300
			400
			500
			600
			800
		25	40
			60
			100
			120
			125
			150
			200
			250
		28	100
			125
			150
			200
			250
			300
			600
		34	120
			125
			150
			200
		38	100
			120
			125
			150
			200
			300
		50	120
			150
			250
			300
	MENISCUS & BICONVEX	24.7	75
			100
			125
			150
		28	75
			100
			125
			150
		30	75
			100
			125
			128
			150
			155
			200
		37	100
			125
			150
			190
			200
		38.1	100
			150
			200
		50	100
CORNING7979		35	100
			150
			200
		37	100


PLANO-CONVEX


BICONVEX

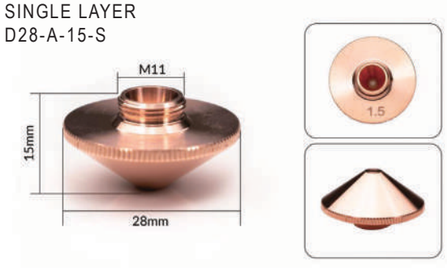

MENISCUS


ASPHERICAL

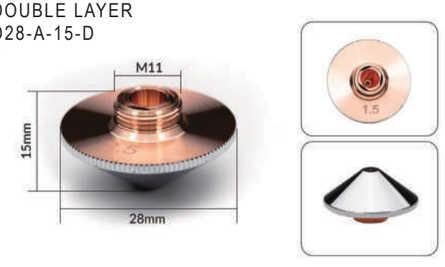


D28 SERIES

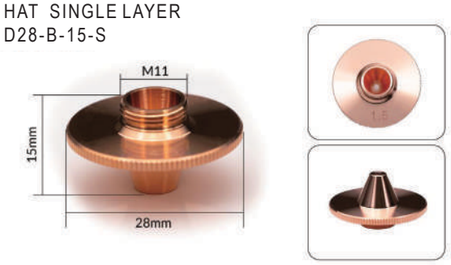
SINGLE LAYER
D28-A-15-S



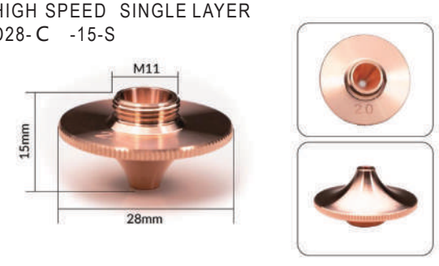
DOUBLE LAYER
D28-A-15-D



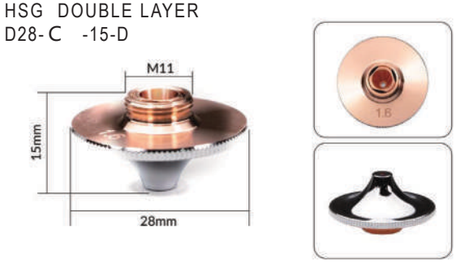
HAT SINGLE LAYER
D28-B-15-S



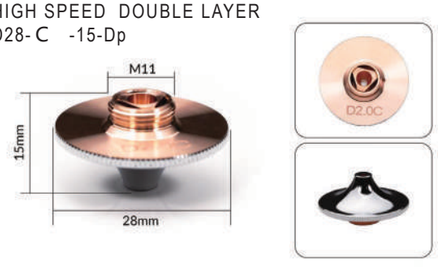
HIGH SPEED SINGLE LAYER
D28-C -15-S



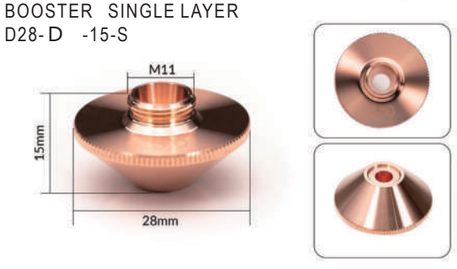
HSG DOUBLE LAYER
D28-C -15-D



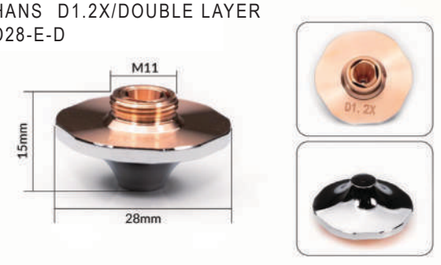
HIGH SPEED DOUBLE LAYER
D28-C -15-Dp



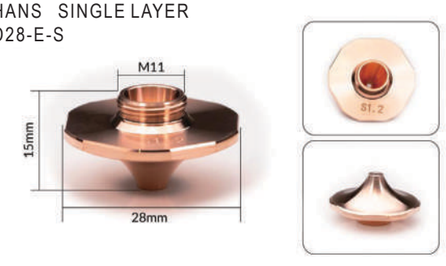
BOOSTER SINGLE LAYER
D28-D -15-S



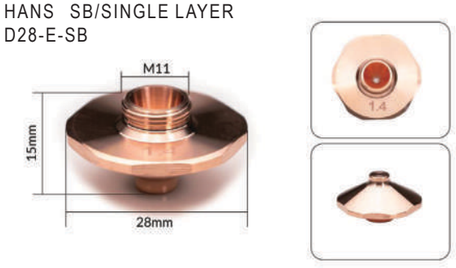
HANS D1.2X/DOUBLE LAYER
D28-E-D



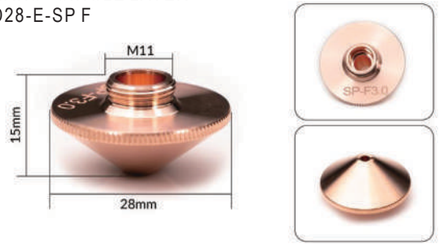
HANS SINGLE LAYER
D28-E-S



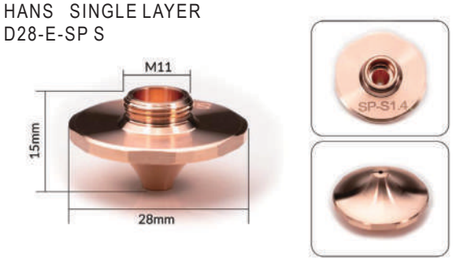
HANS SB/SINGLE LAYER
D28-E-SB



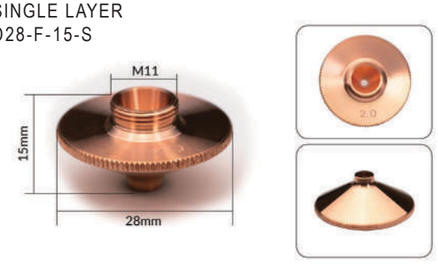
HANS SINGLE LAYER
D28-E-SP F



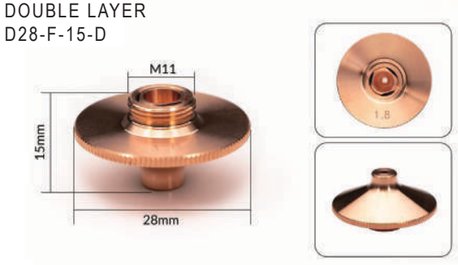
HANS SINGLE LAYER
D28-E-SP S



SINGLE LAYER
D28-F-15-S



DOUBLE LAYER
D28-F-15-D



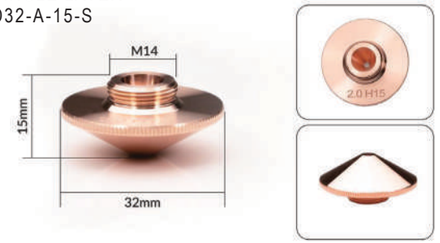
MEANING OF THE PRODUCT NUMBER

D28 - A - 15 - S

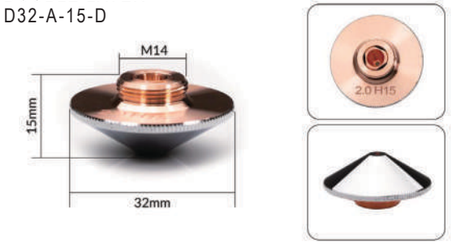
Outer Diameter | Type | Height | Layer(S/D/Dp)

D32 SERIES

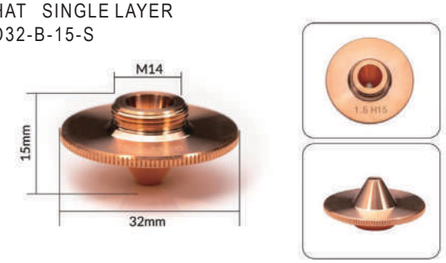
SINGLE LAYER
D32-A-15-S



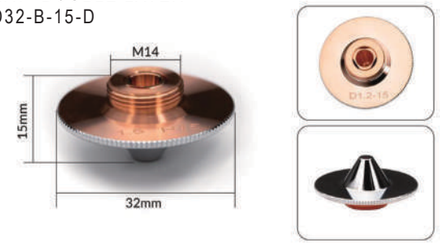
DOUBLE LAYER
D32-A-15-D



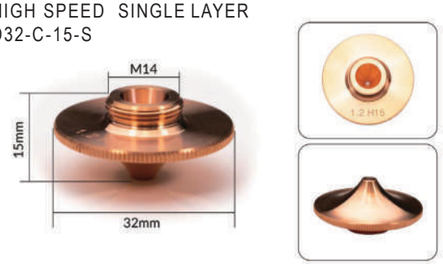
HAT SINGLE LAYER
D32-B-15-S



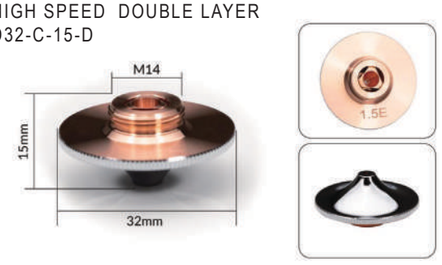
HAT DOUBLE LAYER
D32-B-15-D



HIGH SPEED SINGLE LAYER
D32-C-15-S



HIGH SPEED DOUBLE LAYER
D32-C-15-D



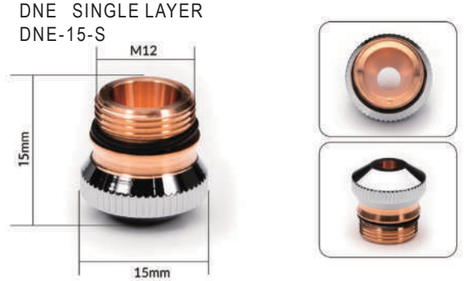
MEANING OF THE PRODUCT NUMBER

D32 - A - 15 - S

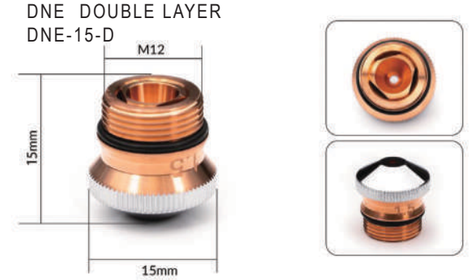
Outer Diameter | Type | Height | Layer(S/D/Dp)

DNE SERIES

DNE SINGLE LAYER
DNE-15-S



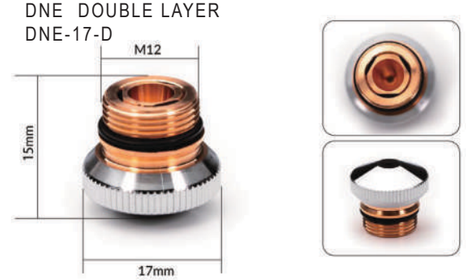
DNE DOUBLE LAYER
DNE-15-D



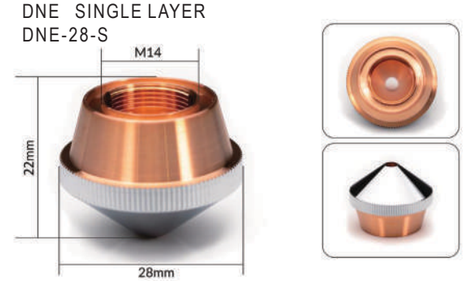
DNE SINGLE LAYER
DNE-17-S



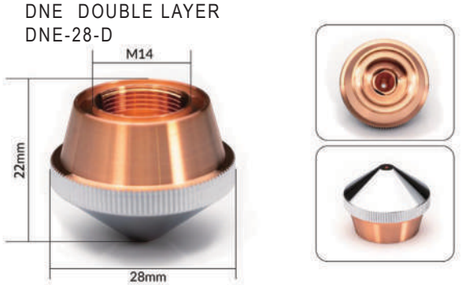
DNE DOUBLE LAYER
DNE-17-D



DNE SINGLE LAYER
DNE-28-S



DNE DOUBLE LAYER
DNE-28-D



BULLET SERIES

BULLET SINGLE LAYER

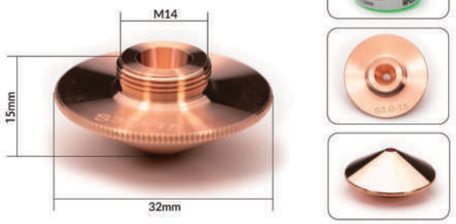


BULLET DOUBLE LAYER

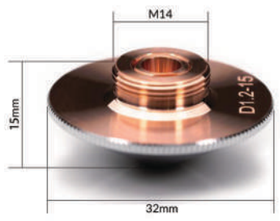


Raytools ORIGINAL SERIES

SINGLE LAYER
ORIGINAL RAYTOOLS



DOUBLE LAYER
ORIGINAL RAYTOOLS





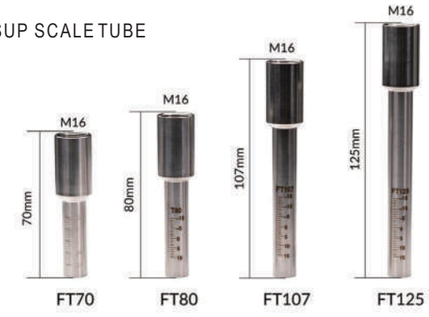
SUP SERIES

CUTTING NOZZLE-SUP
M16 35*1.5



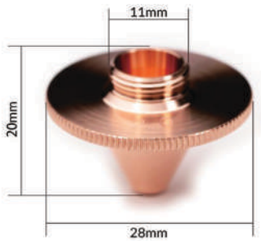


SUP SCALE TUBE



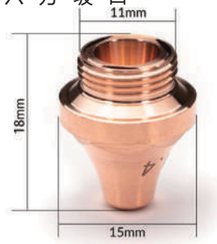
□ SERIES

SINGLE LAYER
新 款 坡 口 D28H20





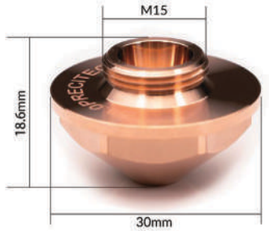
DOUBLE LAYER
六 方 坡 口





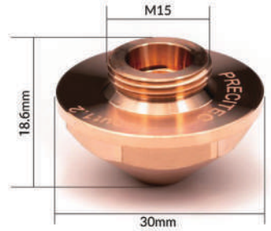
Precitec KTX SERIES

SINGLE LAYER
PROCUTTER KTS-S





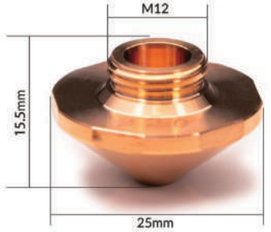
DOUBLE LAYER
PROCUTTER KTS-D





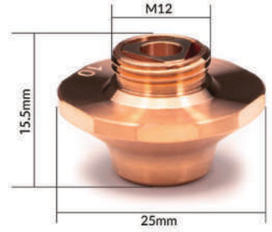
Trumpf SERIES

SINGLE LAYER
TRUMPF EAA



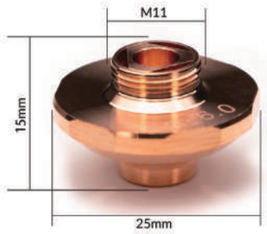


DOUBLE LAYER
TRUMPF EAU



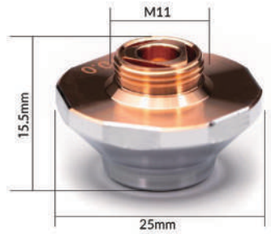


DOUBLE LAYER
TRUMPF EU





DOUBLE LAYER
TRUMPF ECU





LASER NOZZLE

0.75LOCK NET
BUL-LACH



0.8LOCK NET
BUL-BT

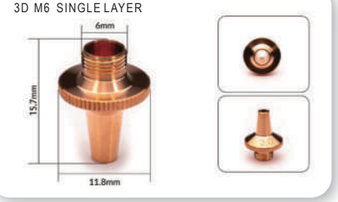


BULLET HOLDER

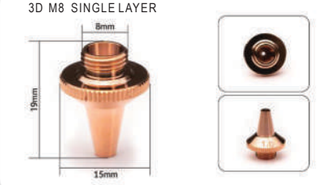


3D SERIES

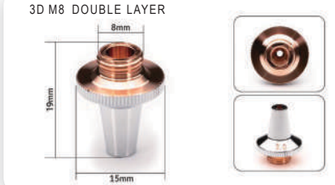
3D M6 SINGLE LAYER



3D M8 SINGLE LAYER



3D M8 DOUBLE LAYER



BOCI SERIES

SINGLE LAYER
BOCI H34 BEVEL



DOUBLE LAYER
BOCI H34 BEVEL

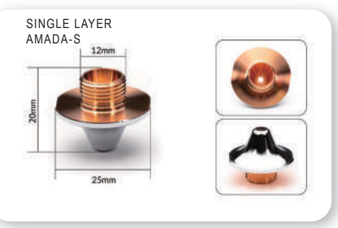


SINGLE LAYER
BOCI H22.5坡口



Amada SERIES

SINGLE LAYER
AMADA-S





D21.5T2-6 20kw



D25.4T4-2S 8kw



D34.0T5-4 15kw



D34.0T5-6 20kw



D 34.0T5-8 30kw



D34.0T5-10 40kw



24.9*1.5 4kw



24.9*1.5 15kw



27.9*4.1 4kw



37*7 15kw



37*7 20kw









30*5



37*7









SUP SERIES

WELDING NOZZLE-SUP
M16 AS08 DWF



WELDING NOZZLE-SUP
M16 AS08 WF



WELDING NOZZLE-SUP 双 送 丝 1.0
M16 AS10 DWF



WELDING NOZZLE-SUP
M16 AS10 WF



WELDING NOZZLE-SUP 双 送 丝 1.2
M16 AS12 DWF



WELDING NOZZLE-SUP
M16 AS12 WF



WELDING NOZZLE-SUP
M16 AS16 WF



WELDING NOZZLE-SUP
M16 AS20 D



WELDING NOZZLE-SUP
M16 BS16 WF



WELDING NOZZLE-SUP
M16 CS08 WF



WELDING NOZZLE-SUP
M16 CS10 WF



WELDING NOZZLE-SUP
M16 CS12 WF



WELDING NOZZLE-SUP
M16 CS16 WF



WELDING NOZZLE-SUP
M16 ES08 WF



WELDING NOZZLE-SUP
M16 ES10 WF



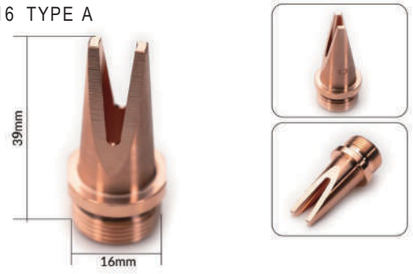
WELDING NOZZLE-SUP
M16 ES12 WF



WELDING NOZZLE-SUP
M16 FS12 WF



WELDING NOZZLE-SUP
M16 TYPE A



WELDING NOZZLE-SUP
M16 TYPE C



WELDING NOZZLE-SUP
M16 TYPE D1.2



WIRE FEEDING NOZZLE-SUP
DOUBLE 1.0



WIRE FEEDING NOZZLE-SUP
M5 SINGLE 1.0



SUP CONSUMABLES



QILIN SERIES

WELDING NOZZLE-QILIN
M10 TYPE A



WELDING NOZZLE-QILIN
M10 TYPE B



WELDING NOZZLE-QILIN
M10 TYPE C



WELDING NOZZLE-QILIN
M10 TYPE D1.6



WELDING NOZZLE-QILIN
M10 TYPE E



WELDING NOZZLE-QILIN
M10 TYPE F1.2



WELDING NOZZLE-QILIN
M10 TYPE G1.2



WELDING NOZZLE-QILIN
M10 TYPE H



WELDING NOZZLE-QILIN
M10 TYPE I

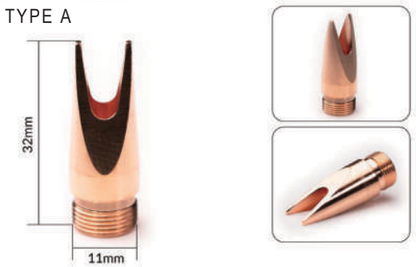


WELDING NOZZLE-QILIN
M10 TYPE J



WSX SERIES

WELDING NOZZLE-IPG WSX
M11 TYPE A



WELDING NOZZLE-IPG WSX
M11 TYPE B



WELDING NOZZLE-IPG WSX
M11 TYPE C



WELDING NOZZLE-IPG WSX
M11 TYPE D



WELDING NOZZLE-IPG WSX
M11 TYPE E



WELDING NOZZLE-IPG WSX
M11 TYPE F



WELDING NOZZLE-IPG WSX
M11 TYPE G



WELDING NOZZLE-IPG WSX
M11 TYPE H



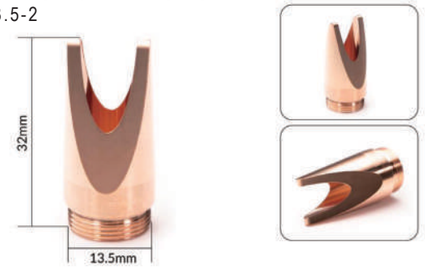
WELDING NOZZLE-IPG WSX
M13.5-1.0



WELDING NOZZLE-IPG WSX
M13.5-1.2



WELDING NOZZLE-IPG WSX
M13.5-2



WELDING NOZZLE-IPG WSX
M13.5-3



WELDING NOZZLE-IPG WSX
M13.5-4



WELDING NOZZLE-IPG WSX
M13.5-5



OSPRI SERIES

WELDING NOZZLE-OSPRI
FSN10-13L



WELDING NOZZLE-OSPRI
FSN10-13O



WELDING NOZZLE-OSPRI
FSN10-13P-20



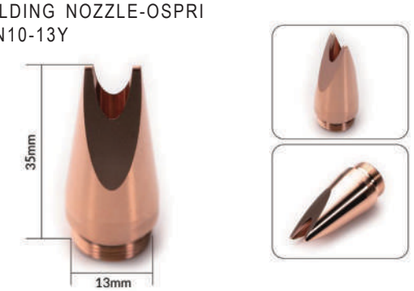
WELDING NOZZLE-OSPRI
FSN10-13R



WELDING NOZZLE-OSPRI
FSN10-13UP



WELDING NOZZLE-OSPRI
FSN10-13Y



Hanwei SERIES

WELDING NOZZLE-HAN WEI
M8 TYPE A



WELDING NOZZLE-HAN WEI
M8 TYPE B



WELDING NOZZLE-HAN WEI
M8 TYPE C



WELDING NOZZLE-HAN WEI
M8 TYPE D



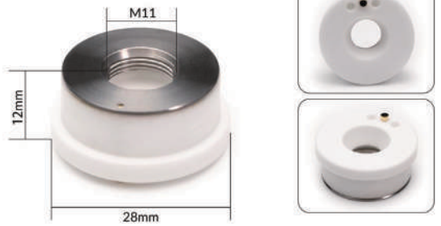
WELDING NOZZLE-HAN WEI
M8 TYPE E



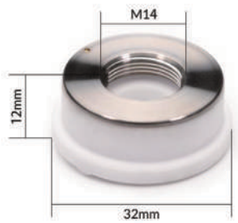
DNE Insulating ring
3500/3501



RAYTOOLS/WSX
D28 M11 H12



RAYTOOLS/WSX
D32 M14 H12





RAYTOOLS
D21.4 M8 H12.6



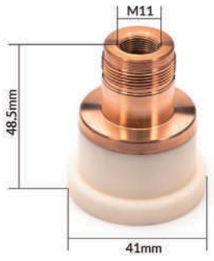


RAYTOOLS
D21.4 M11 H17



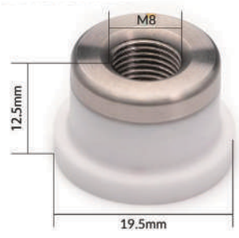


RAYTOOLS BS12K
D41 M11 H48.5





RAYTOOLS 3D
D19.5 M8 H12.5





WSX 3D
D17.8 M8 H11



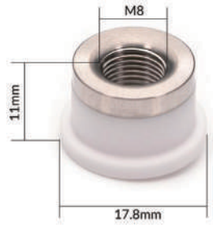


WSX 3D
D17.8 M8 H13



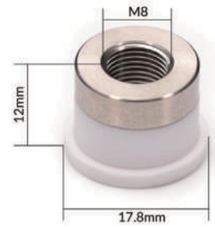


OSPRI
D17.8 M8 H11





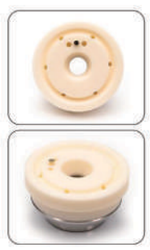
OSPRI
D17.8 M8 H12





OSPRI FC14
D41 M11 H21.7



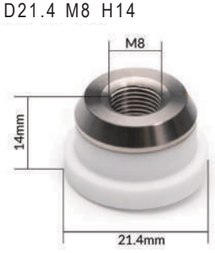


OSPRI FC17
D41 M11 H26.5





OSPRI 3D
D21.4 M8 H14





PROCUTTER KTX
D31 M15 H10.5



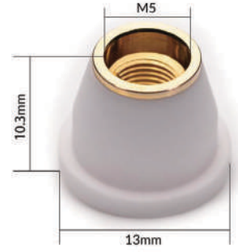


PROCUTTER KTXB
D31 M11 H13.5





PROCUTTER 3D
D13 M5 H10.3





BOCI 3D
D20-M8 SINGLE HOLE



BOCI 3D
D20-M8 TWO-HOLE



BOCI
3D M11



BOCI
D41 M11



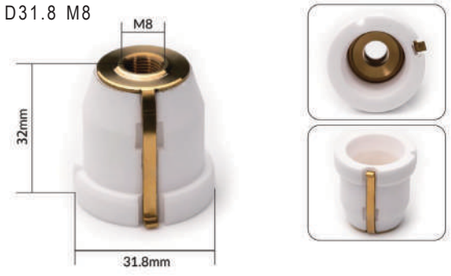
TRUMPF D41 M12
134917/1755673



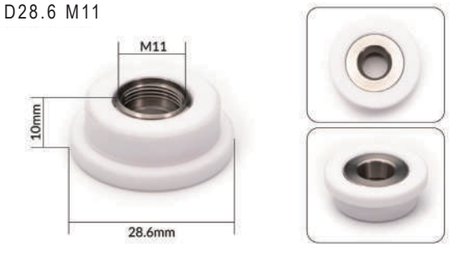
TRUMPF
3D M6



TRUMPF
D31.8 M8



IPG
D28.6 M11



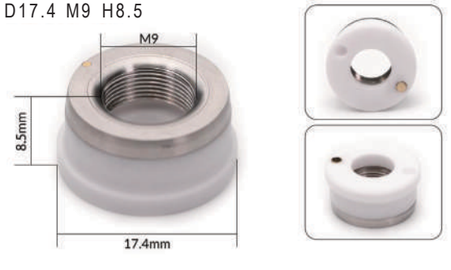
GANG CHUN
D28 M11 H12



GANG CHUN
D21.4 M11 H25



GANG CHUN 3D
D17.4 M9 H8.5



HIGHYAG/NUKON NEW
D24.5 M11 H22.5



BODOR
D20.6 M8 H13.5



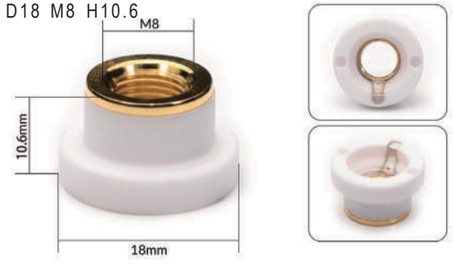
BODOR
D31 M11 H13.5



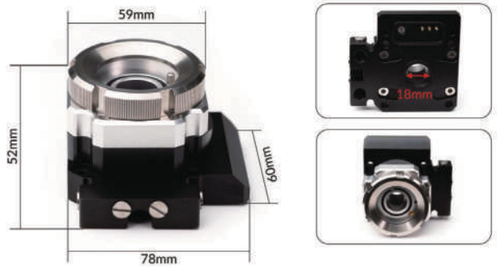
NC63
D31 M11 H13.6



创 科 源
D18 M8 H10.6



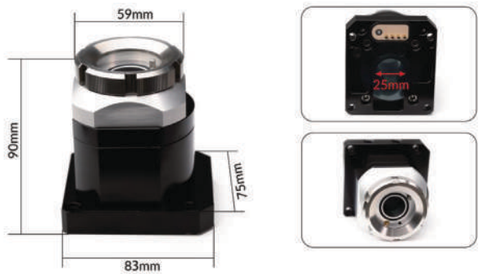
BOCI 310-F150



BOCI-3D 310T-F200



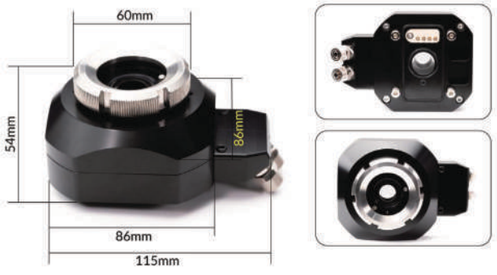
BOCI 421-F200



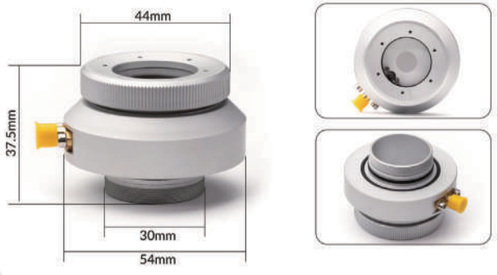
BOCI-3D 421T



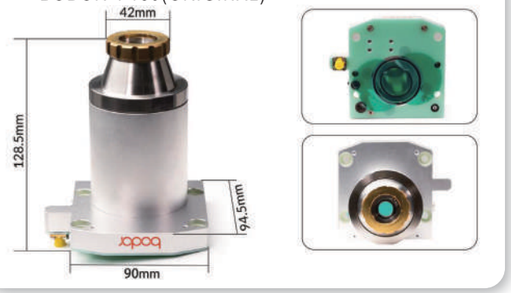
BOCI 6 SERIES



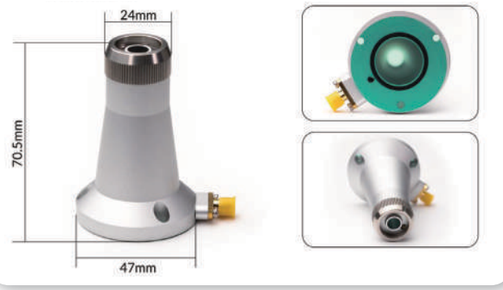
BOCI



BODOR F150(ORIGINAL)



BODOR-3D



BODOR-3D M3



BODOR-3D M4



LASERMECH



OSPRI CB-03 C3846



OSPRI LC40 F150 CB-07



OSPRI LC40S CC-10



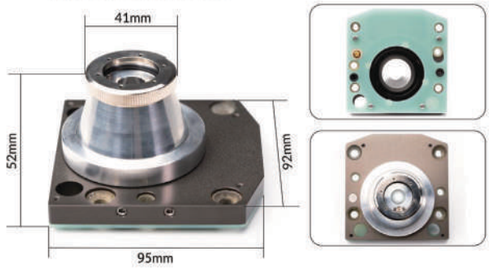
OSPRI LC218 F125 BB-02



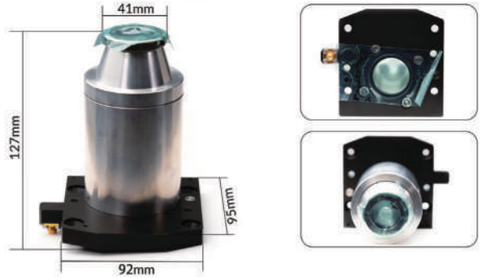
OSPRI LC218 F150/3D BC-03



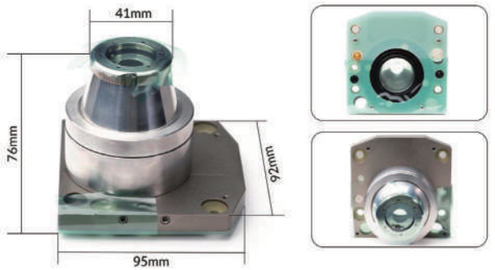
PROCUTTER 1.0 F125 ECO



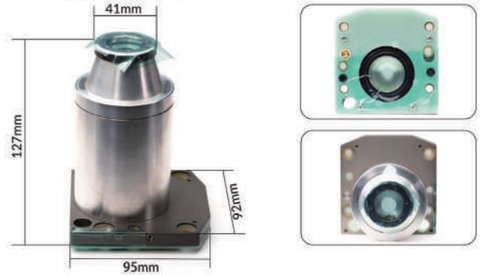
PROCUTTER 1.0 F200 ECO



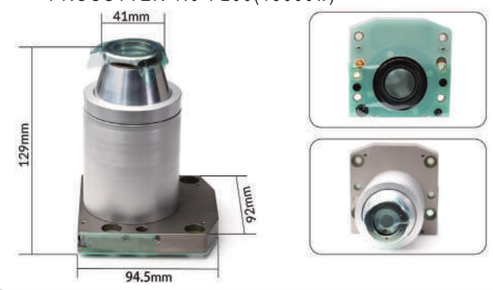
PROCUTTER 1.0 F150



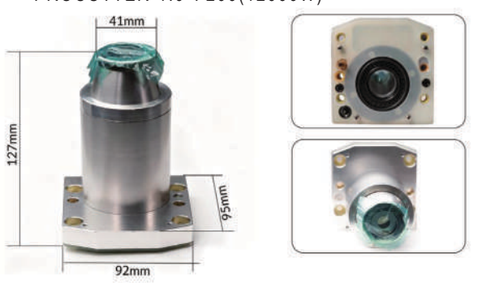
PROCUTTER 1.0 F200(6000W/8000w)



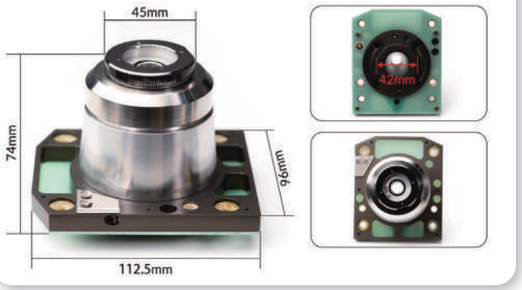
PROCUTTER 1.0 F200(15000w)



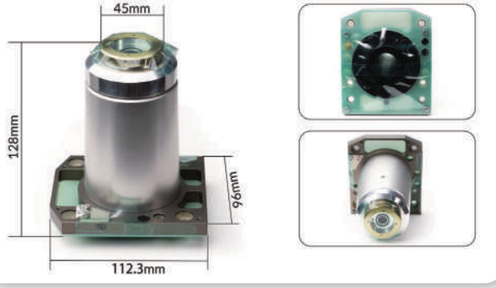
PROCUTTER 1.0 F200(12000W)



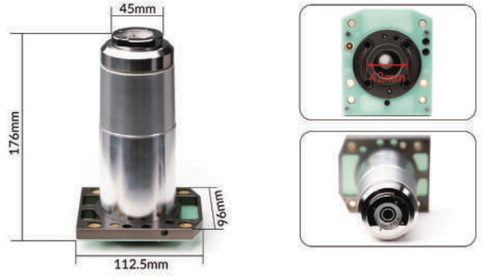
PROCUTTER 2.0 F150



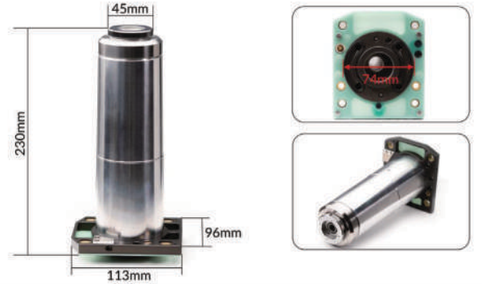
PROCUTTER 2.0 F200



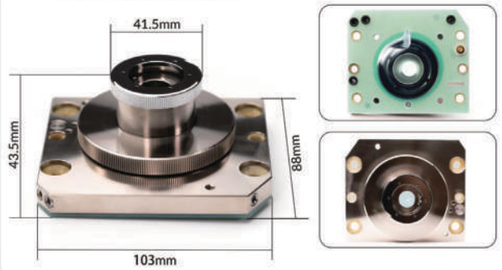
PROCUTTER 2.0 F250



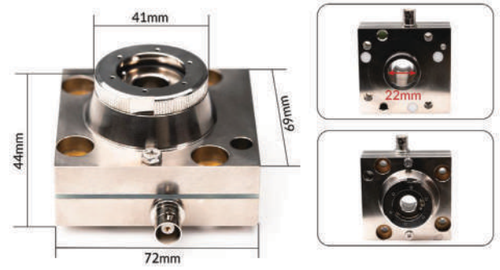
PROCUTTER 2.0 F300



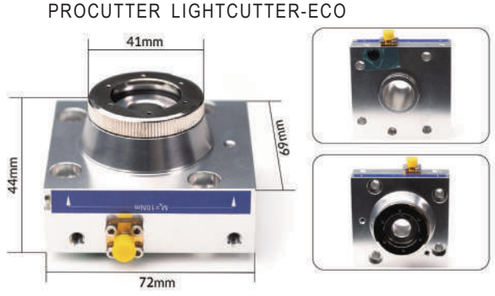
PROCUTTER HP SERIES



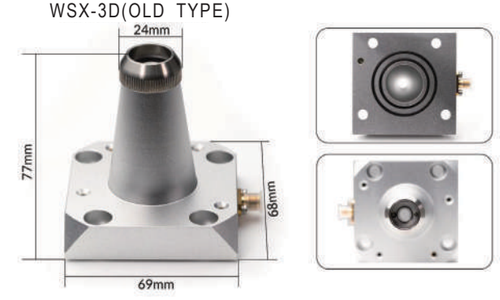
PROCUTTER LIGHTCUTTER



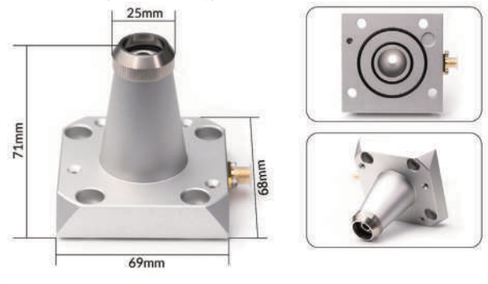
PROCUTTER LIGHTCUTTER-ECO



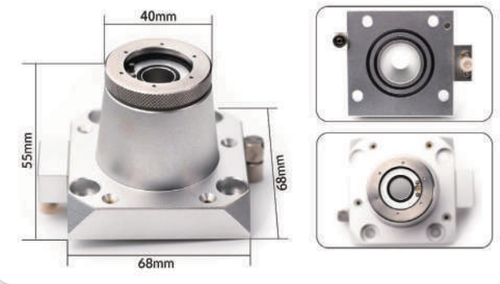
WSX-3D(OLD TYPE)



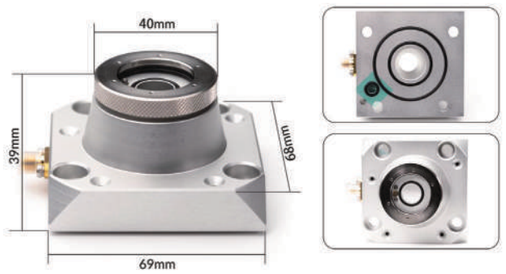
WSX-3D(NEW TYPE)



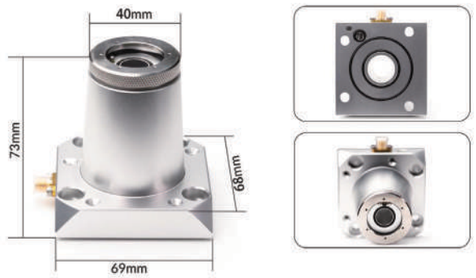
WSX-NC30



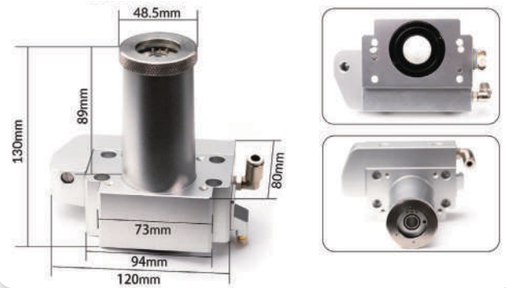
WSX-NC30E F125



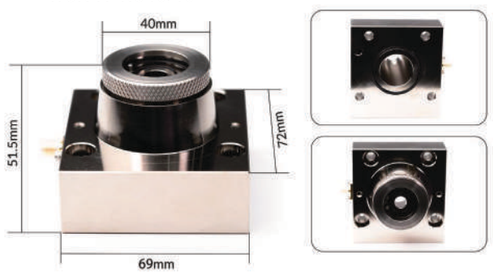
WSX-NC30E F150



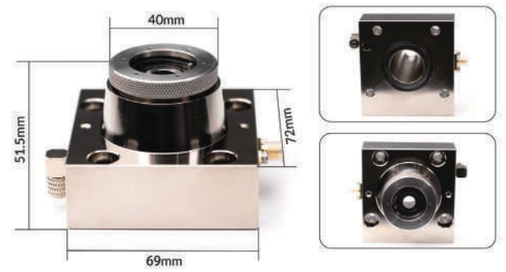
WSX NC63A



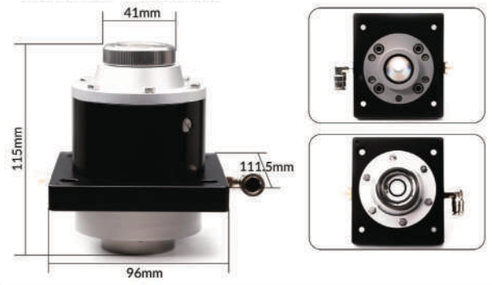
WSX-A KC13/15



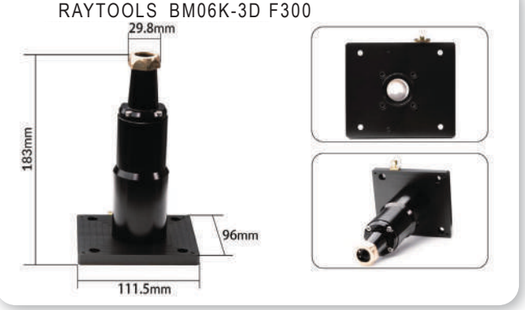
WSX-B NC30



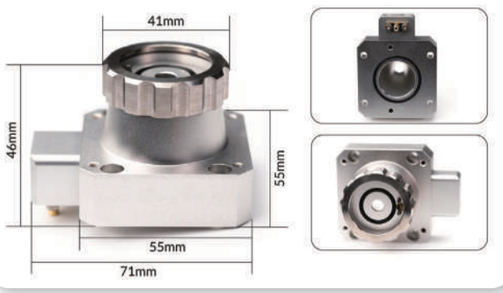
RAYTOOLS BM06K F200



RAYTOOLS BM06K-3D F300



RAYTOOLS BM109



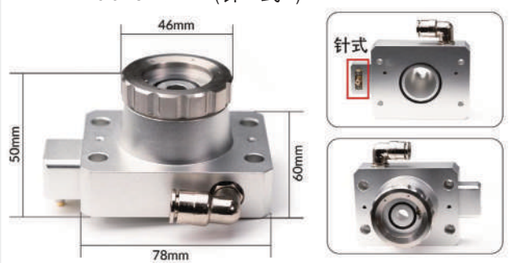
RAYTOOLS BM109-3D



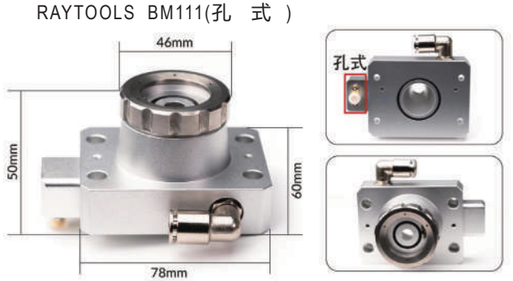
RAYTOOLS BM110 F200



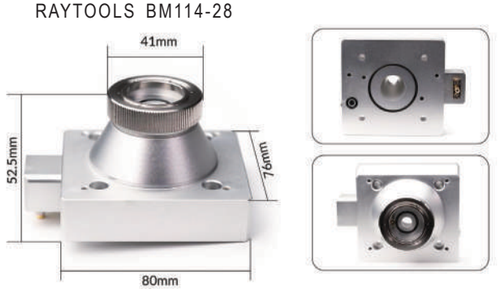
RAYTOOLS BM111(针 式)



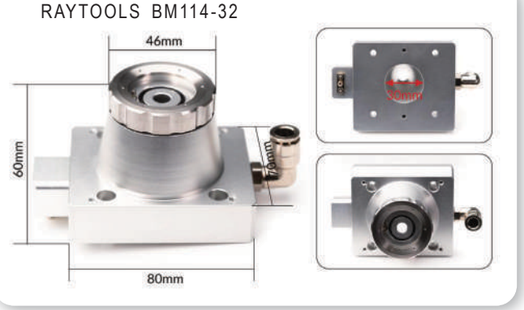
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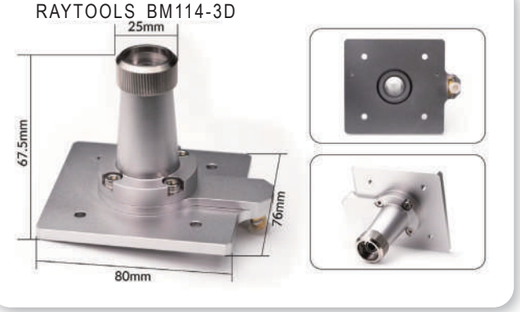
RAYTOOLS BM114-28



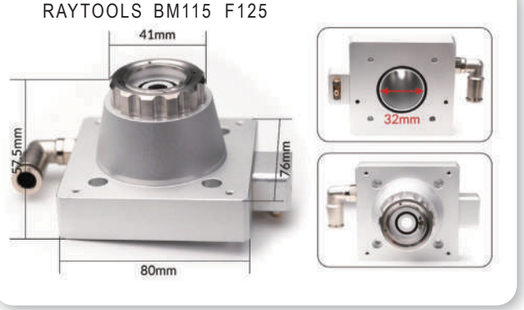
RAYTOOLS BM114-32



RAYTOOLS BM114-3D

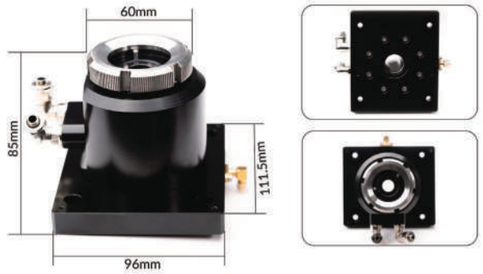


RAYTOOLS BM115 F125

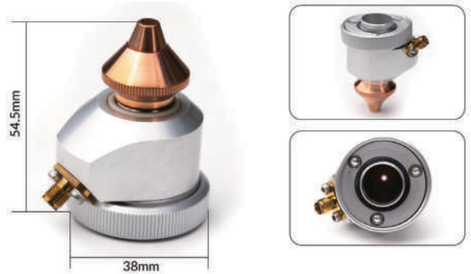


SENSOR HEAD

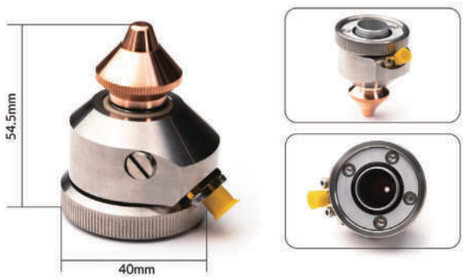
RAYTOOLS BS12K F200



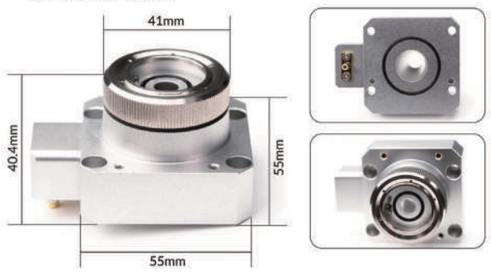
RAYTOOLS BT210



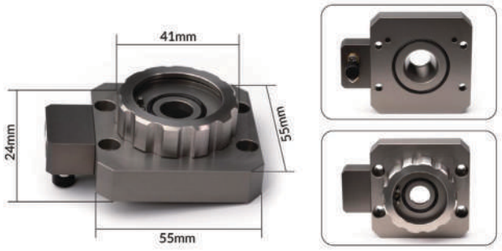
RAYTOOLS BT210S



RAYTOOLS BT220



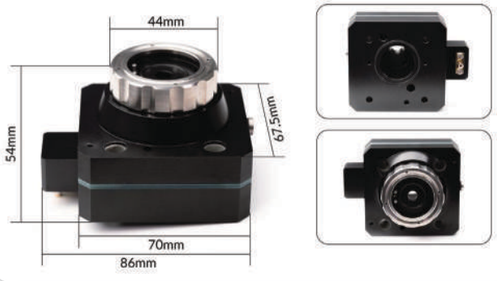
RAYTOOLS BT230



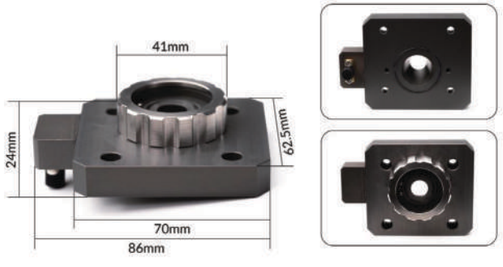
RAYTOOLS BT230-3D



RAYTOOLS BT240S

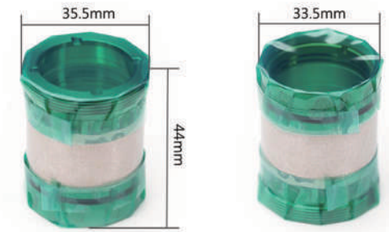


RAYTOOLS BT240薄款

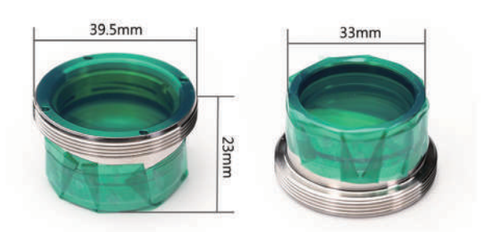


FOCUSING & COLLIMATING ASSEMBLY

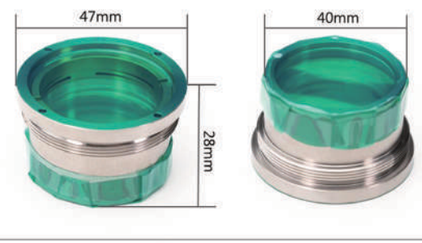
KC13/KC15/NC30 FOCUSING LENS
D30 F125/150/190



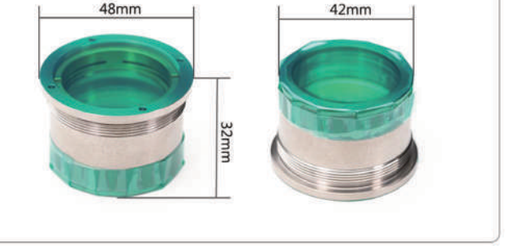
KC13/KC15/NC30 COLLIMATING LENS
D30 F75/100



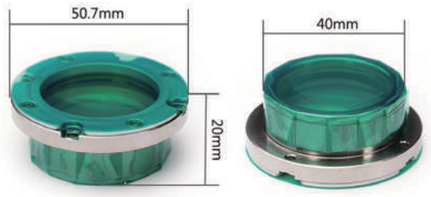
NC63 FOCUSING LENS D37 F150/200



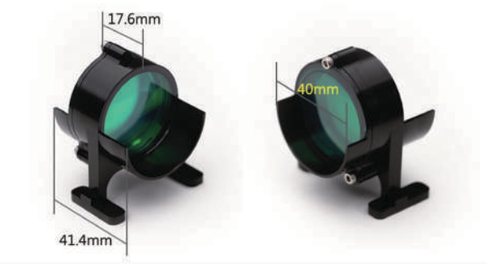
NC63 COLLIMATING LENS D37 F100



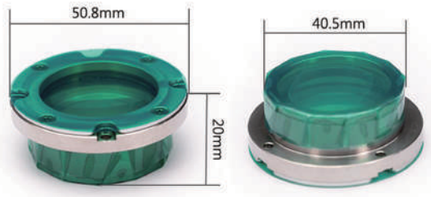
BM06K/BS06K FOCUSING LENS D37 F150/200



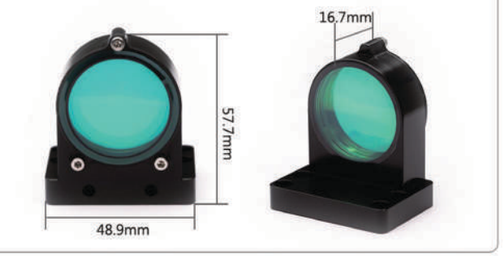
BM06K/BS06K COLLIMATING LENS D37 F100



BS12K FOCUSING LENS D37 F220



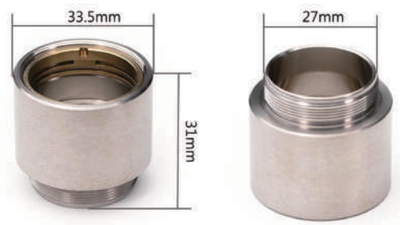
BS12K COLLIMATING LENS D37 F100



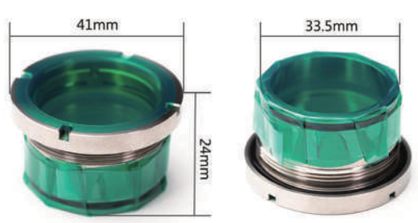
BM109 FOCUSING LENS D28 F125/150



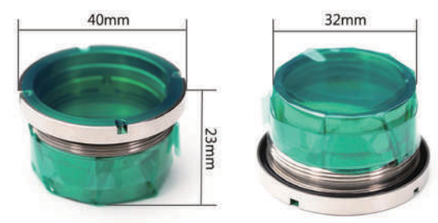
BM109 COLLIMATING LENS D28 F100



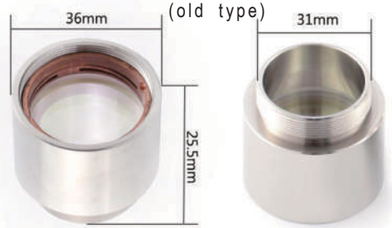
BM110 FOCUSING LENS D30 F150/200
(new type)



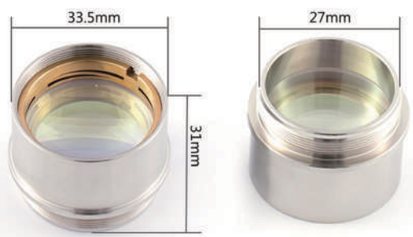
BM110 COLLIMATING LENS D30 F100
(new type)



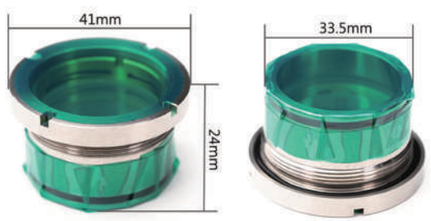
BM110/112 FOCUSING LENS
D30 F125/150/155/200
(old type)



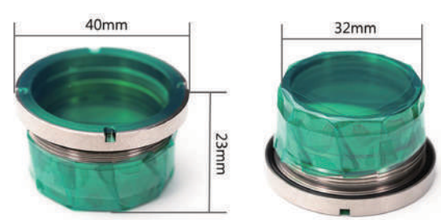
BM110/112 COLLIMATING LENS D30 F75/100
(old type)



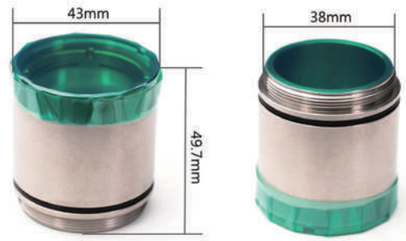
BM111 FOCUSING LENS D30 F125/155/200



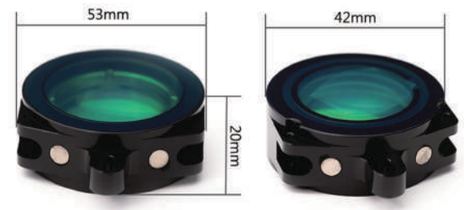
BM111 COLLIMATING LENS D30 F75/100



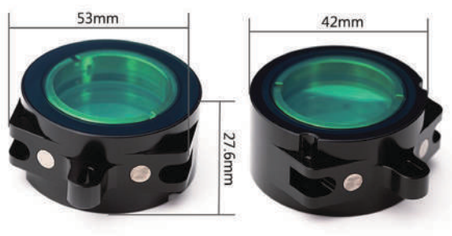
BM114 FOCUSING LENS D37 F150/200
D38.1 F200



BM114 COLLIMATING LENS D37 F100



BM115 FOCUSING LENS D37 F150/200



BM115 COLLIMATING LENS D37 F100



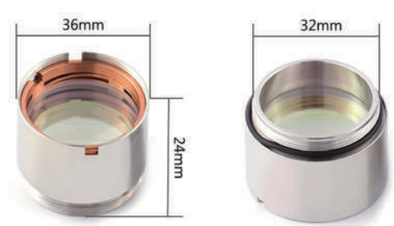
BT210/210S FOCUSING LENS D28 F125/150



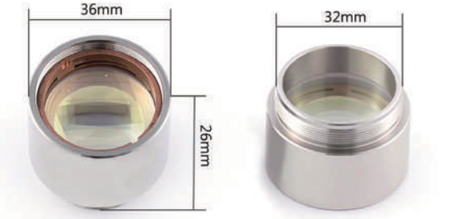
BT210/210S COLLIMATING LENS D28 F75/100



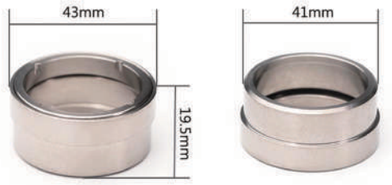
BT240/240S FOCUSING LENS
D30 F125/150/155/200



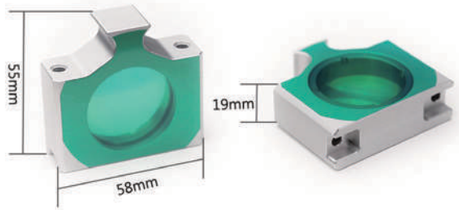
BT240/240S COLLIMATING LENS D30 F100



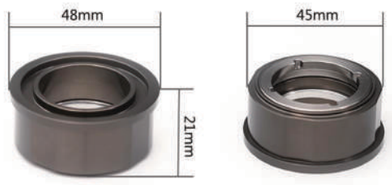
BOCI 421 FOCUSING LENS D37 F150/200



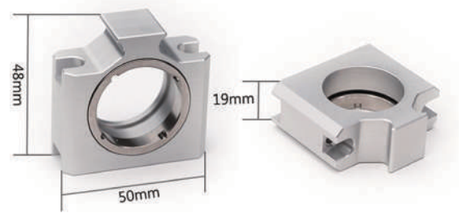
BOCI 421 COLLIMATING LENS D37 F100



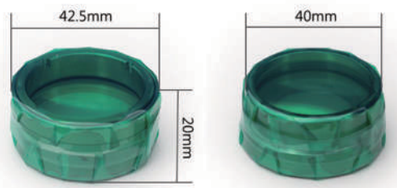
BOCI 310/421S FOCUSING LENS D32 F150/200



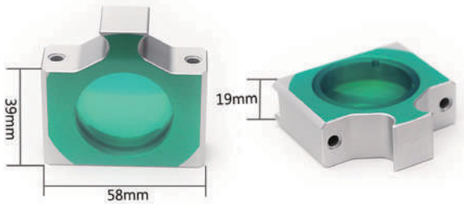
BOCI 310/421S COLLIMATING LENS D32 F100



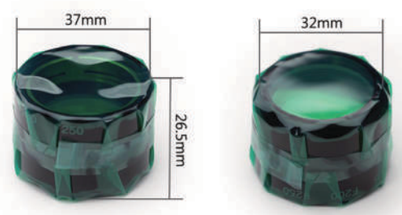
BOCI 441 FOCUSING LENS D37 F150/200



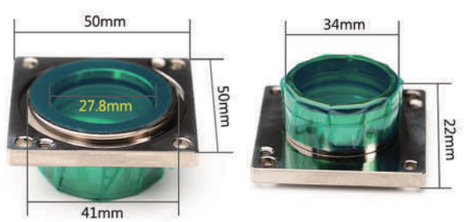
BOCI 441 COLLIMATING LENS D37 F100



HANS FOCUSING LENS D30 F125/150/200



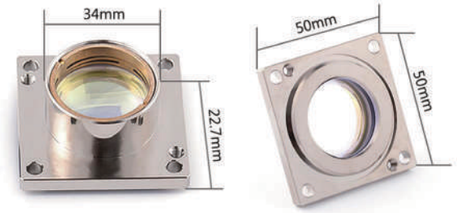
HANS COLLIMATING LENS D30 F100



HPSSL FOCUSING LENS D30 F125/150/200



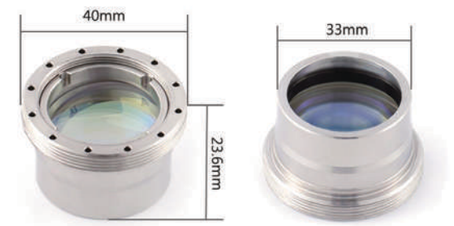
HPSSL COLLIMATING LENS D30 F100



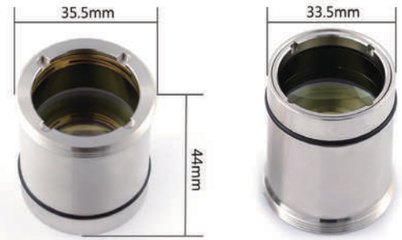
LIGHTCUTTER AUTO FOCUSING LENS D30 F125/150



LIGHTCUTTER AUTO COLLIMATING LENS D30 F100



LIGHTCUTTER MANU FOCUSING LENS D30 F125/150



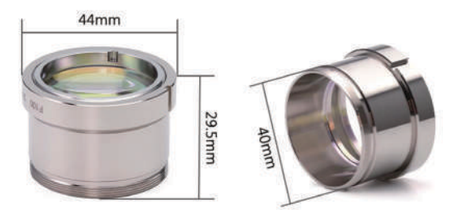
LIGHTCUTTER MANU COLLIMATING LENS D30 F100



PROCUTTER 1.0 FOCUSING LENS(≤ 8 K W) D37 F125/150/200



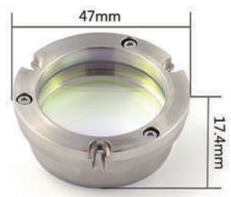
PROCUTTER 1.0 COLLIMATING LENS(≤ 8 K W) D37 F100



PROCUTTER 1.0 COLLIMATING LENS(≥12 K W)
D37 F100



PROCUTTER 2 .0 FOCUSING LENS
D37 F150/200/250/300





PROCUTTER 2.0 COLLIMATING LENS D37 F100





FIBER LASER CUTTING MACHINE

03

CUTTING HEAD

The cutting head is an important component of the fiber laser cutting machine.
The main parts include: protective lenses, collimating and focusing lenses, nozzles, sensor heads, ceramic rings, etc. The cutting head accessoriesneed to be replaced regularly, and the cutting head also needs to be maintained regularly during use to achieve better usage results.





CHILLER

The chiller provides a constant temperature, current, and pressure cooling solution for laser cutting machines, which can timely remove the generated heat and accurately control the temperature required by the laser equipment, stabilize the laser output rate, and ensure the normal operation of the lasercutting machine.

LASER SOURCE

Fiber laser source refers to a laser source that uses rare earth (Ytterbium) doped glass fibers as the gain medium. With a wide range of applications. It has the advantages of good beam quality, high efficiency, good heat dissipation characteristics, compact structure, and high reliability.



CONTROLLER

The control system, as the brain of the laser cutting machine, is one of the important components of the laser processing machine. Its function is to process the user designed graphic and image files into a series of control instructions for driving the motor and laser, thereby completing complex processing.

CUTTING HEAD



BM111



BS06K-CAT



BS12K-CAT



BS20K-CAT



BLT421S



BLT441



BLT643H



BLT683H



WSX NC30



WSX NC68



ProCutter 2.0

HANDHELD LASER WELDING HEAD



HW980



SUP23T

RAYCUS LASER SOURCE



- HIGH BEAM QUALITY
- HIGH EFFICIENCY
- BETTER HEAT DISSIPATION CHARACTERISTICS
- COMPACT STRUCTURE AND HIGH RELIABILITY

CUTTING SERIES:
1000W , RFL- C1000W
1500W , RFL- C1500X
2000W , RFL- 2000X
3000W , RFL- C3000S
6000W , RFL- C6000X
12000W , RFL- C12000X

WELDING SERIES:
1000W , RFL- C1000H
1500W , RFL- C1500H
2000W , RFL- C2000H

MARKING SERIES:
20W , RFL- P20QS
30W , RFL- P30QS
70W , RFL- P70QA
100W , RFL- P100QA

MAX LASER SOURCE



- HIGH BEAM QUALITY
- HIGH EFFICIENCY
- BETTER HEAT DISSIPATION CHARACTERISTICS
- COMPACT STRUCTURE AND HIGH RELIABILITY

CUTTING SERIES:
1000W , MFSC- 1000X
1500W , MFSC- 1500X
2000W , MFSC- 2000X
3000W , MFSC- 3000X
6000W , MFSC- 6000X
12000W , MFSC- 12000X

WELDING SERIES:
1000W , MFSC- 1000W
1500W , MFSC- 1500W
2000W , MFSC- 2000W

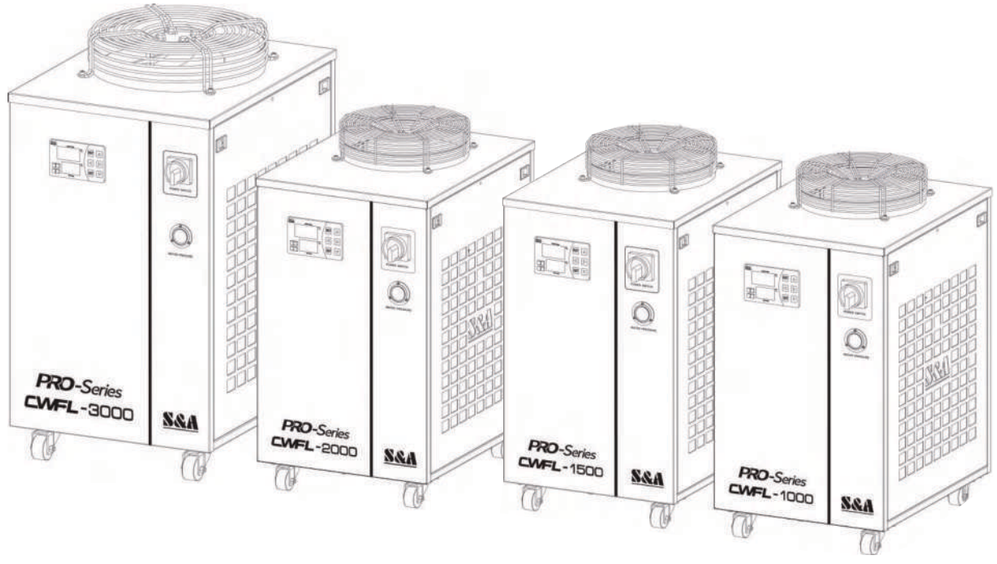
MARKING SERIES:
20W
30W
50W



SPECIFICATIONS:
FSCUT1000S
FSCUT2000C
FSCUT2000E
FSCUT3000S
FSCUT4000E
FSCUT5000
FSCUT6000
FSCUT7000
FSCUT8000

As a non closed-loop open source system developed specifically for laser cutting machines. It has the following advantages on high, medium, and low power laser cutting machines:

- Easy to operate: with a simple operating interface, allowing operators to quickly get started.
- Rich functions: providing rich cutting functions to meet the needs of different types of laser cutting machines.
- Simple human-machine operation: adopting adaptive algorithms, which can automatically adjust parameters, reducing the skill requirements of the operator.
- High stability: one of the most stable system configurations in high, medium, and low power laser cutting machines.
- Price advantage: more significant price advantage.



- The temperature control accuracy is up to ±0.5°C
- Environmentally friendly refrigerant can be selected
- Support ModBus-485 communication; there are multiple settings and fault display functions
- With a variety of alarm protection functions: compressor delay protection; compressor overcurrent protection; water flow alarm; temperature ultra high/low alarm
- Multinational power supply specifications; ISO9001 certification, CE certification, RoHS certification, REACH certification;
- Stable cooling and easy operation
- Optional heater and water purification configuration

Contact:

KARVATRON
INDUSTRIAL EQUIPMENT SOLUTIONS

TARGET TRADE
INTERNATIONAL TRADE

Whatsapp - 1

Whatsapp - 2

KARVATRON WEBSİTE

TARGET TRADE WEBSİTE

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