KARVATRON
INDUSTRIAL EQUIPMENT SOLUTIONS

TARGET TRADE
INTERNATIONAL TRADE

Części i materiały eksploatacyjne – Laser Fiber

Whatsapp - 1

Whatsapp - 2

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

KARVATRON
INDUSTRIAL EQUIPMENT SOLUTIONS

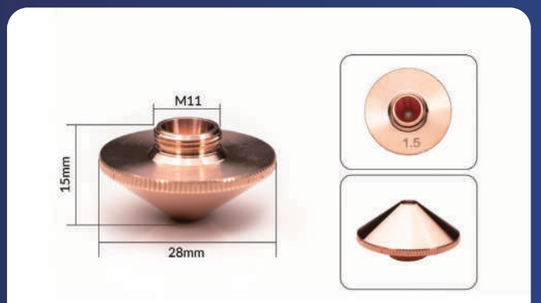
- • Karvatron - dostarcza wysokowydajne rozwiązania przemysłowe, specjalizując się w zaawansowanej technologii laserów światłowodowych (fiber laser) oraz najwyższej jakości częściach zamiennych. Dzięki bogatej wiedzy technicznej i praktycznemu doświadczeniu w produkcji łączymy zaawansowany park maszynowy z maksymalną wydajnością operacyjną.

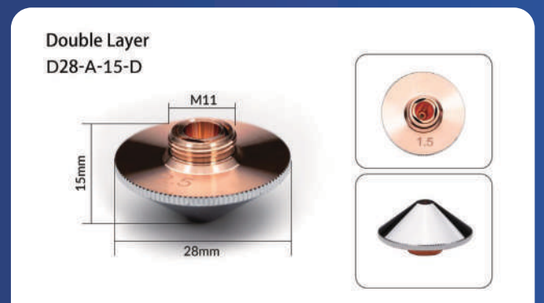
Każde rozwiązanie projektujemy z jednym, nadrzędnym celem: wyeliminować kosztowne przestoje i obniżyć ogólne koszty produkcji. Dostarczając materiały eksploatacyjne o wysokiej żywotności oraz komponenty umożliwiające szybką wymianę, Karvatron gwarantuje, że Twoje linie produkcyjne pracują optymalnie, szybciej i bez zakłóceń.

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SPIS TREŚCI

CZĘŚCI ZAMIENNE GŁOWICY TNĄCEJ ---- 07

SOCZEWKA ---- 09

DYSZA LASEROWA ---- 11

KATALOG ORYGINALNYCH ZESPOŁÓW ---- 18

DYSZA SPAWALNICZA ---- 12

PIERŚCIEŃ CERAMICZNY ---- 19

ZŁĄCZE CZUJNIKA ---- 31

ZESPÓŁ SKUPIAJĄCY I KOLIMACYJNY ---- 38

WYCINARKA LASEROWA FIBER ---- 45

GŁOWICA TNĄCA ---- 47

ŹRÓDŁO LASERA ---- 48

Wszystkie nasze produkty spełniają międzynarodowe standardy jakości.
Nasze doskonale wyposażone zakłady produkcyjne oraz rygorystyczna kontrola jakości na wszystkich etapach produkcji pozwalają nam zagwarantować pełną satysfakcję klientów. Dzięki wysokiej jakości naszych produktów oraz profesjonalnej obsłudze pozyskaliśmy globalną sieć sprzedaży na całym świecie.

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

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OUR LENS SPECIFICATION SHEET

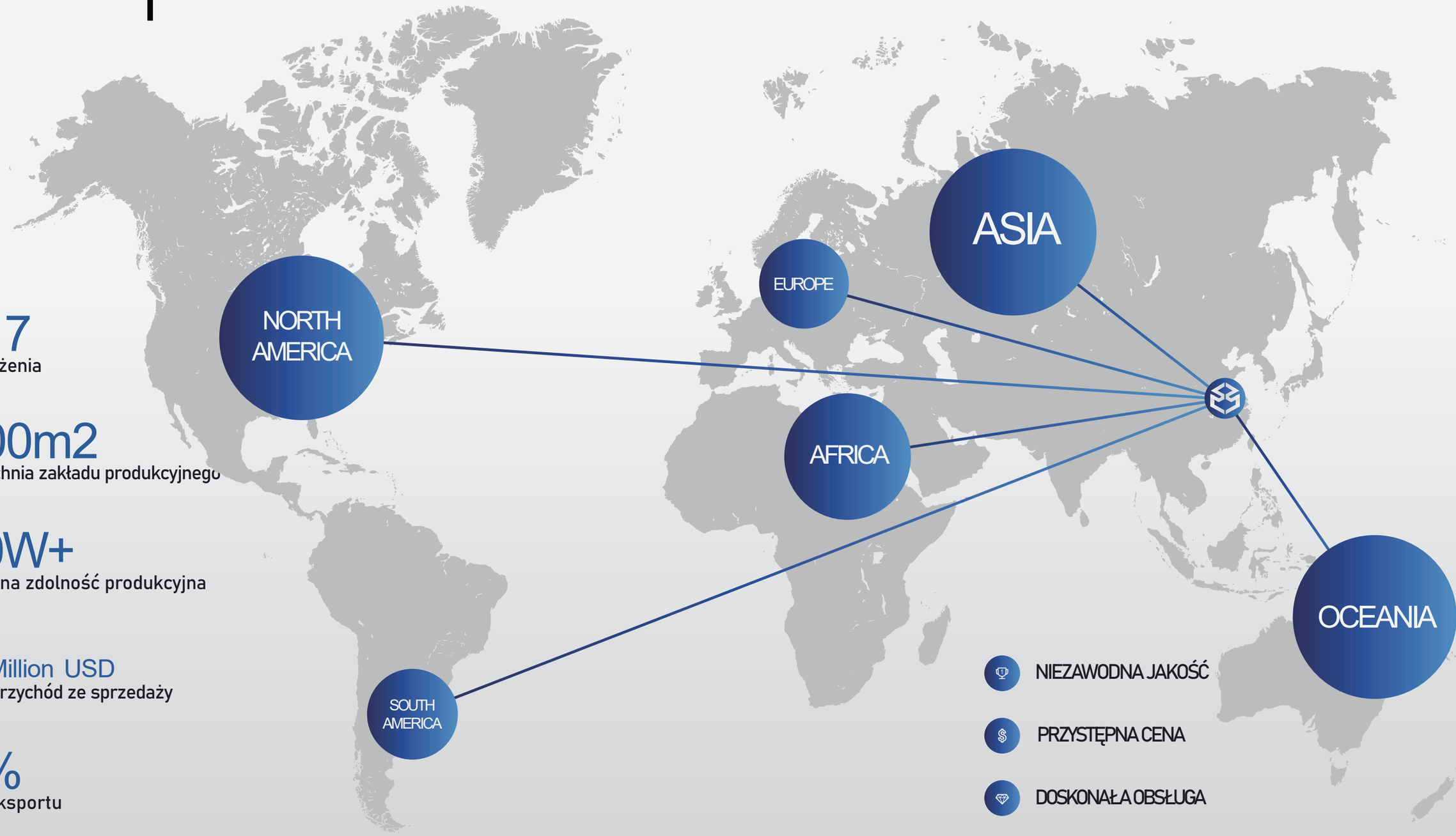
Fiber Laser Protective Lens Specification Sheet	
Substrate	High Purity Fused Silica JGS1/JGS2Sapphire K9
Material	CORNING/OHARA/Heraeus
Coating material	HFO2/SiO2
Diameter Tolerance	-0.1mm
Thickness Tolerance	±0.1mm
Coating Color	Yellow / Blue / Red / Customized
Wavelength	• Yellow Coating: 1030-1090 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

SPECYFIKACJA NASZYCH SOCZEWEK

Karta Specyfikacji Soczewki Ochronnej do Lasera Światłowodowego	
Podłoże	Krzemionka topiona o wysokiej czystości (JGS1 / JGS2 / Szafir (Sapphire) / K9)
Materiał	CORNING/OHARA/Heraeus
Materiał powłoki	HFO2/SiO2
Tolerancja średnicy	-0.1mm
Tolerancja grubości	±0.1mm
Kolor powłoki	Żółta / Niebieska / Czerwona / Na zamówienie
Długość fali roboczej	Żółta powłoka: 1030–1090 nm Niebieska powłoka: 1030–1090 nm Czerwona powłoka: 900–1100 nm
Faza / Fazowanie krawędzi	0,5 × 45°, precyzyjnie szlifowane
Przepuszczalność światła	99.98%
Płaskość powierzchni (P-V)	γ/10
Jakość powierzchni	40-20/20-10
Próg uszkodzenia	25J/cm2
Kształt	Okrągły / Wykonanie na zamówienie

KARVATRON
INDUSTRIAL EQUIPMENT SOLUTIONS

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INTERNATIONAL TRADE



2017
Rok założenia

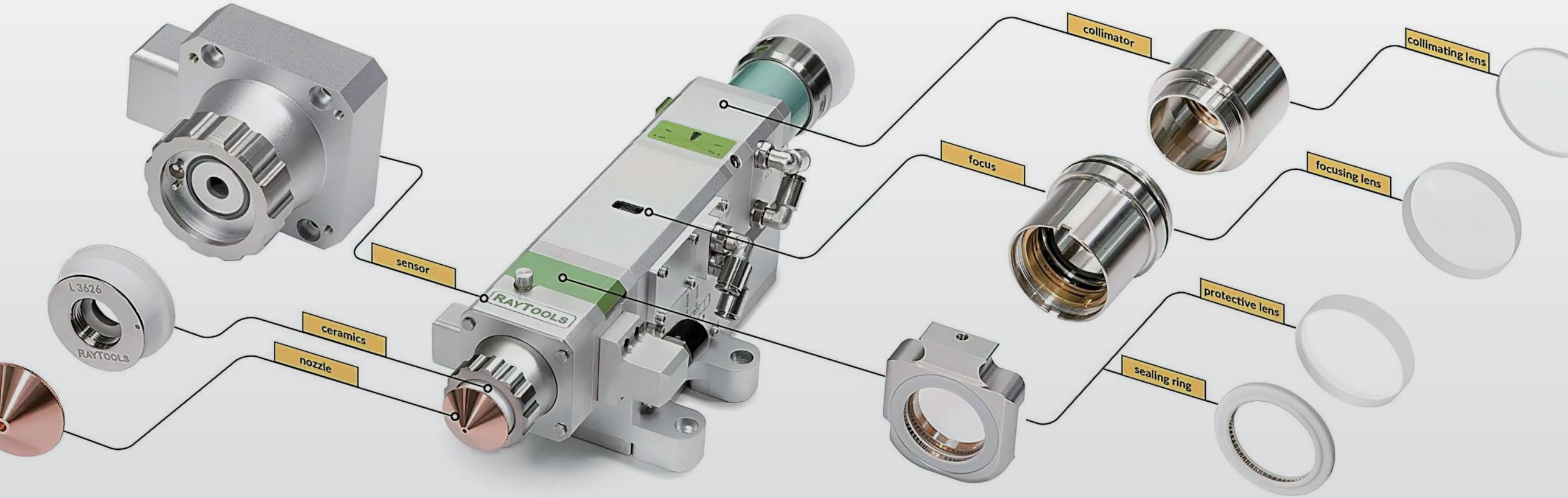
5000m2
Powierzchnia zakładu produkcyjnego

150W+
Miesięczna zdolność produkcyjna

20 Million USD
Roczny przychód ze sprzedaży

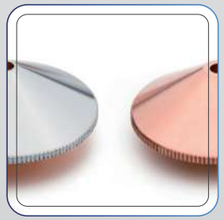
45%
Udział eksportu

- NIEZAWODNA JAKOŚĆ
- PRZYSTĘPNA CENA
- DOSKONAŁA OBSŁUGA





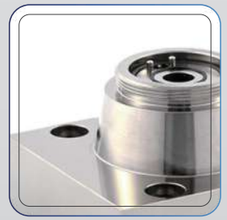
- SOCZEWKA



- DYSZA LASEROWA



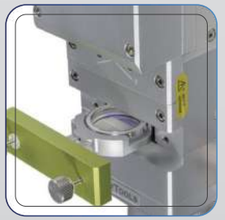
- PIERŚCIEŃ CERAMICZNY



- GŁOWICA CZUJNIKA



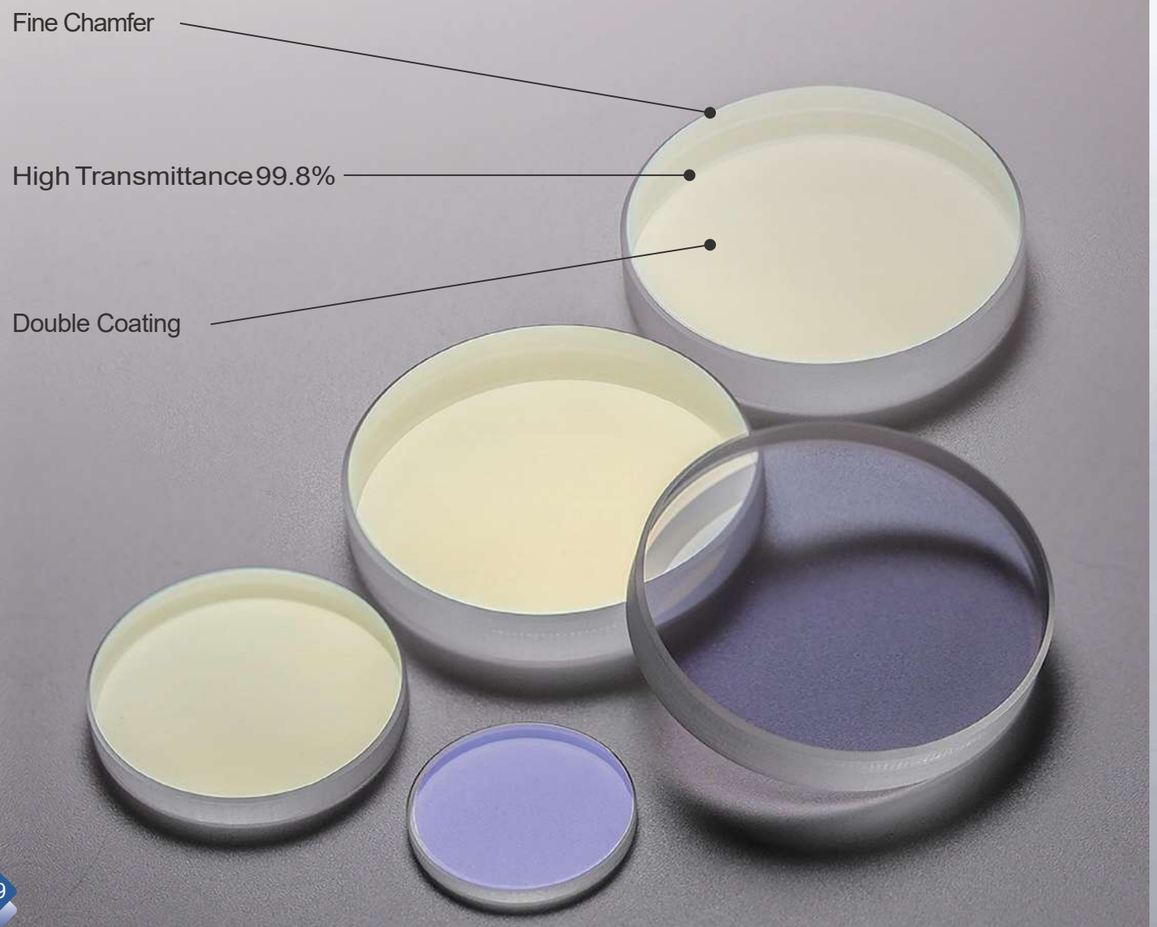
- ZESTAW SKUPIAJĄCY I KOLIMACYJNY



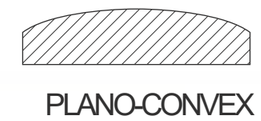
- INNE

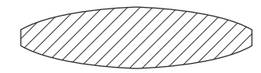
SOCZEWKA OCHRONNA

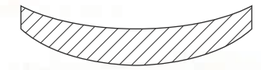
Materiał	Fused Silica JGS1																						
Średnica (mm)	18	20	20	20	20	20	21	22	22.35	22.35	22.4	22.4	24	24	24.4	24.9	25	25	25	25.4	25.4	25.4	25.4
Grubość krawędzi (mm)	2	2	3	4	5	6	5	2	4	4	2	4	4	5	2	1.5	1.5	2	3	1	1.5	3	4
Moc (kW)	0-6	0-6	0-6	JGS2	JGS2	JGS2	0-40	JGS2	0-30	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	0-20	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	0-40
Średnica (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
Grubość krawędzi (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
Moc (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
Średnica (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
Grubość krawędzi (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
Moc (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
Średnica (mm)	40	40	42	45	50	50	50	50	55	55	55	56	58	60	60	62	64	64	80	80	92	92	96
Grubość krawędzi (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	"
Moc (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
Średnica (mm)	97.6	98	118	120	120	134	138	140	145	146	148	148	150										
Grubość krawędzi (mm)	"	2	3	3	5	3	4	4	3	[illegible]	"	5	3										
Moc (kW)	JGS2	JGS2	JGS2	0-30	JGS2	0-30	JGS2	JGS2	JGS2	JGS2	JGS2	JGS2	0-30										

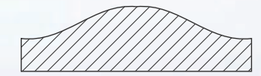


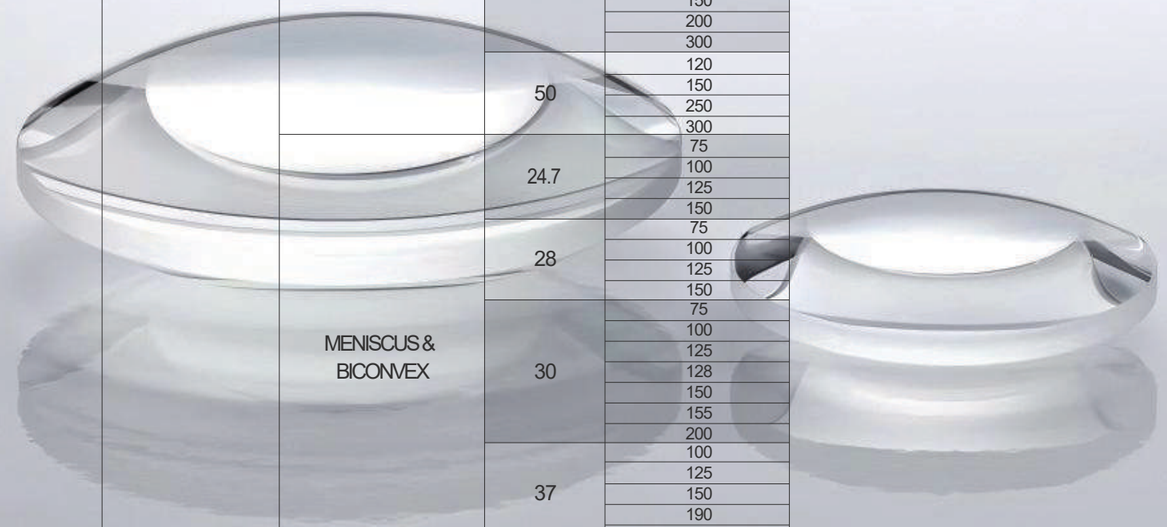
MATERIAŁ	KSZTAŁT	SERIA	OGNISKOWA
HIGH PURITY FUSED SILICA	PLANO-CONVEX	16	50
			60
		20	50
			100
			125
			150
			200
			300
			400
			500
			600
			800
		25	40
			60
			100
			120
			125
			150
			200
			250
		28	100
			125
			150
			200
			250
			300
			600
		34	120
			125
			150
			200
		38	100
			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

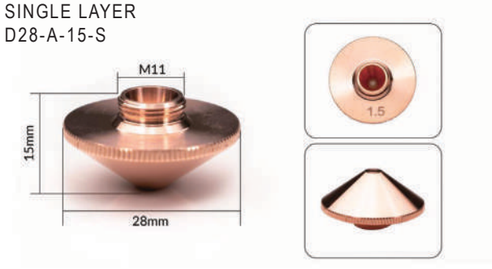

ASPHERICAL



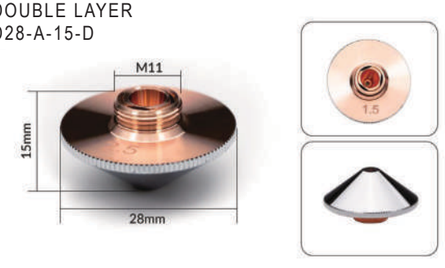
DYSZA LASEROWA KARVATRON INDUSTRIAL EQUIPMENT SOLUTIONS

D28 SERIES

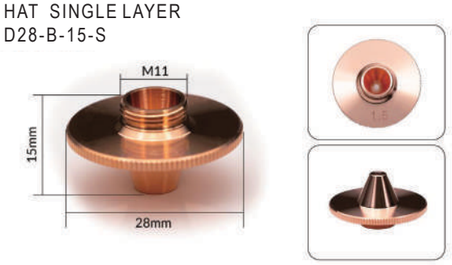
SINGLE LAYER
D28-A-15-S



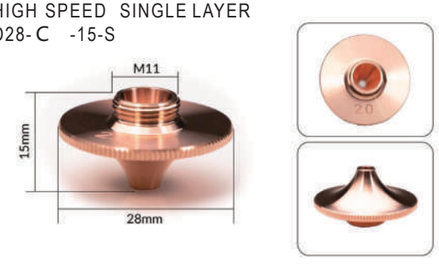
DOUBLE LAYER
D28-A-15-D



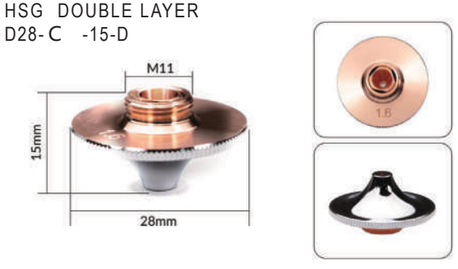
HAT SINGLE LAYER
D28-B-15-S



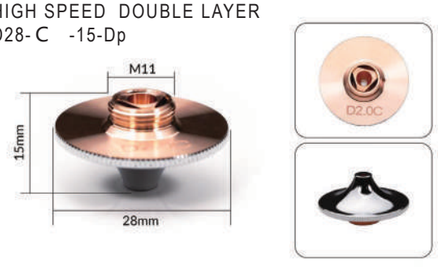
HIGH SPEED SINGLE LAYER
D28-C -15-S



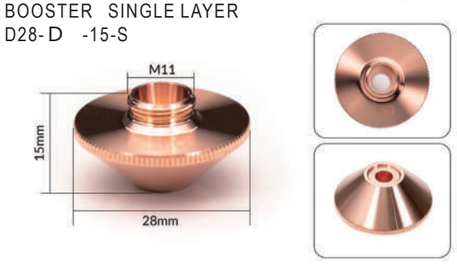
HSG DOUBLE LAYER
D28-C -15-D



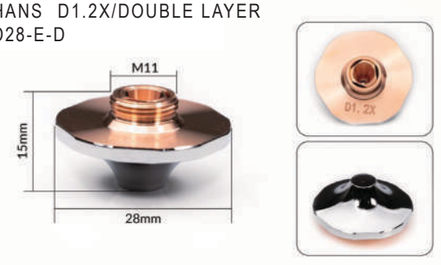
HIGH SPEED DOUBLE LAYER
D28-C -15-Dp



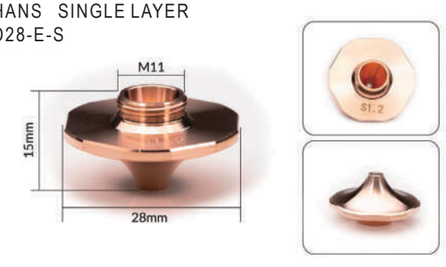
BOOSTER SINGLE LAYER
D28-D -15-S



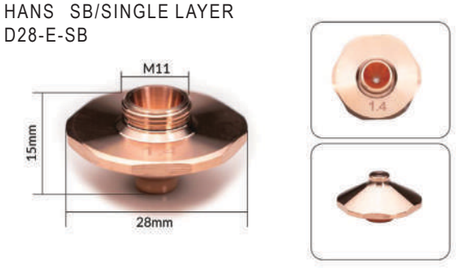
HANS D1.2X/DOUBLE LAYER
D28-E-D



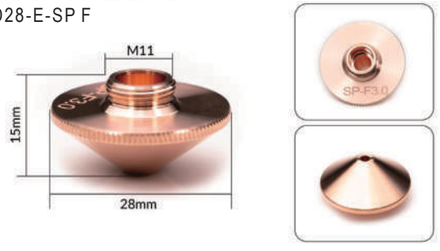
HANS SINGLE LAYER
D28-E-S



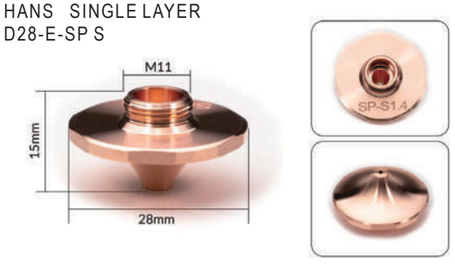
HANS SB/SINGLE LAYER
D28-E-SB



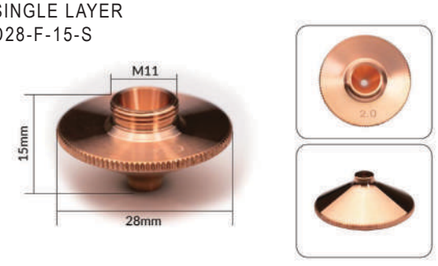
HANS SINGLE LAYER
D28-E-SP F



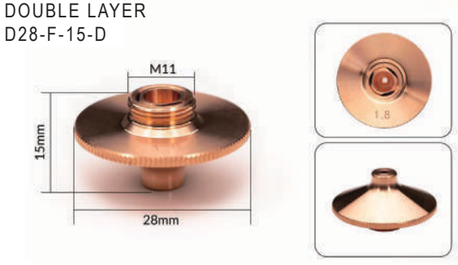
HANS SINGLE LAYER
D28-E-SP S



SINGLE LAYER
D28-F-15-S



DOUBLE LAYER
D28-F-15-D



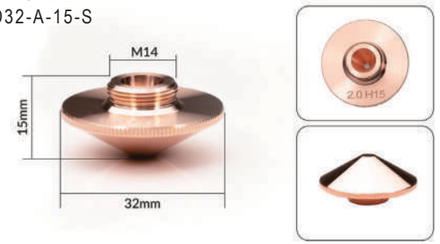
MEANING OF THE PRODUCT NUMBER

D28 - A - 15 - S

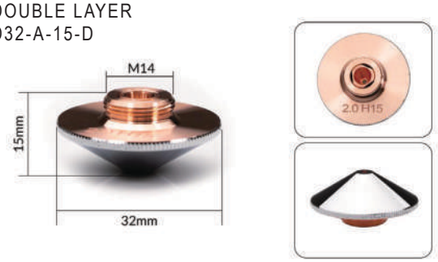
Outer Diameter | Type | Height | Layer(S/D/Dp)

D32 SERIES

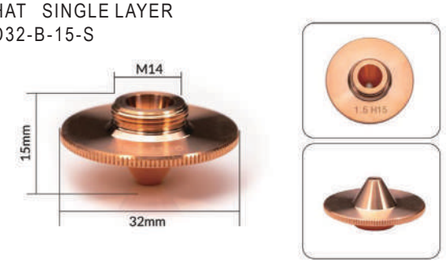
SINGLE LAYER
D32-A-15-S



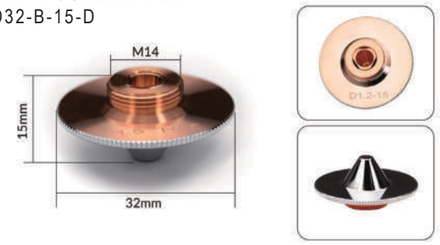
DOUBLE LAYER
D32-A-15-D



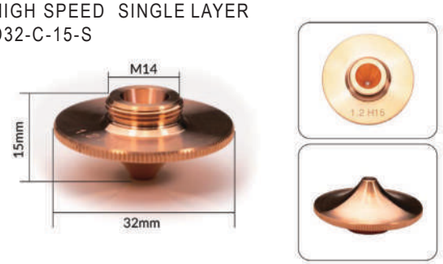
HAT SINGLE LAYER
D32-B-15-S



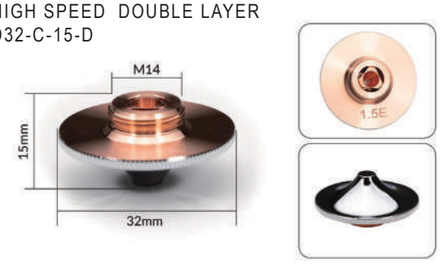
HAT DOUBLE LAYER
D32-B-15-D



HIGH SPEED SINGLE LAYER
D32-C-15-S



HIGH SPEED DOUBLE LAYER
D32-C-15-D



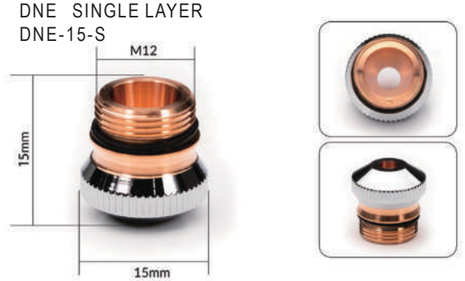
MEANING OF THE PRODUCT NUMBER

D32 - A - 15 - S

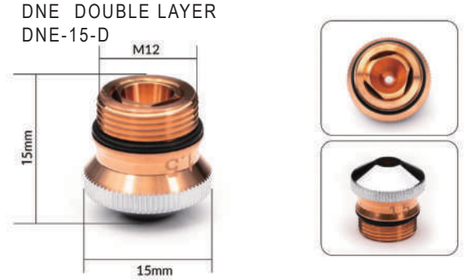
Outer Diameter | Type | Height | Layer(S/D/Dp)

DNE SERIES

DNE SINGLE LAYER
DNE-15-S



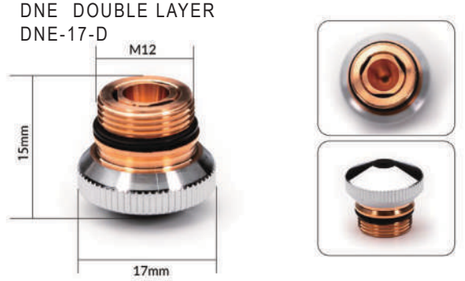
DNE DOUBLE LAYER
DNE-15-D



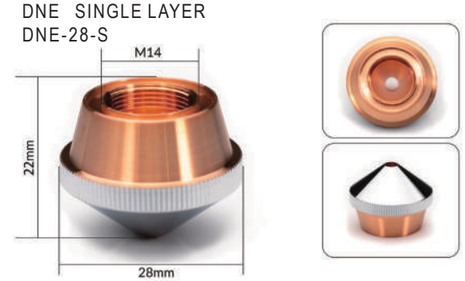
DNE SINGLE LAYER
DNE-17-S



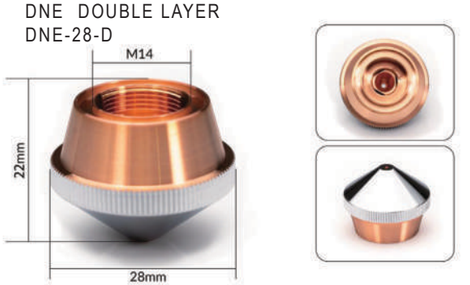
DNE DOUBLE LAYER
DNE-17-D



DNE SINGLE LAYER
DNE-28-S



DNE DOUBLE LAYER
DNE-28-D



BULLET SERIES

BULLET SINGLE LAYER

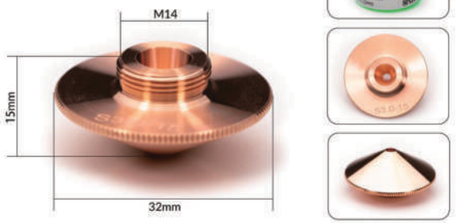


BULLET DOUBLE LAYER

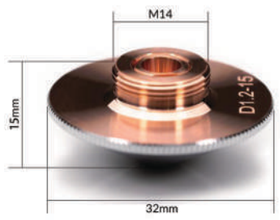


Raytools ORIGINAL SERIES

SINGLE LAYER
ORIGINAL RAYTOOLS



DOUBLE LAYER
ORIGINAL RAYTOOLS





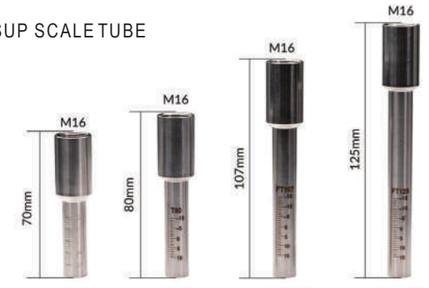
SUP SERIES

CUTTING NOZZLE-SUP
M16 35*1.5



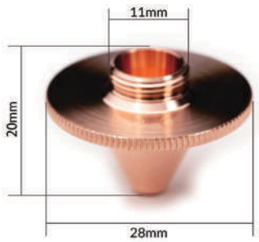


SUP SCALE TUBE



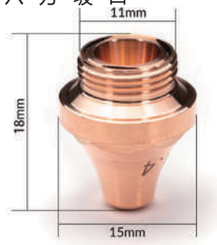
□ SERIES

SINGLE LAYER
新 款 坡 口 D28H20





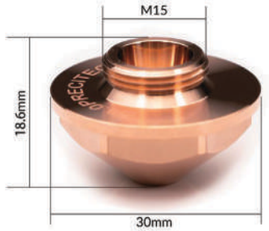
DOUBLE LAYER
六 方 坡 口





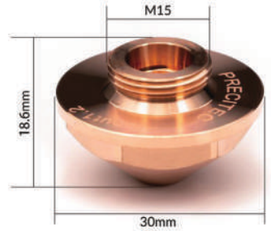
Precitec KTX SERIES

SINGLE LAYER
PROCUTTER KTS-S





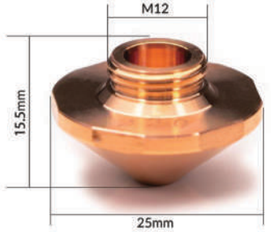
DOUBLE LAYER
PROCUTTER KTS-D





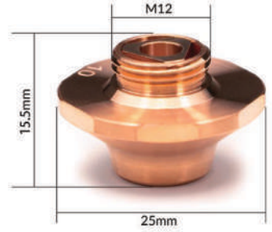
Trumpf SERIES

SINGLE LAYER
TRUMPF EAA



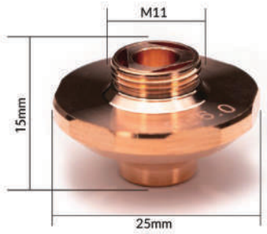


DOUBLE LAYER
TRUMPF EAU



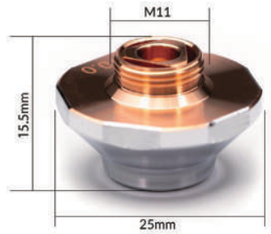


DOUBLE LAYER
TRUMPF EU





DOUBLE LAYER
TRUMPF ECU











3D SERIES







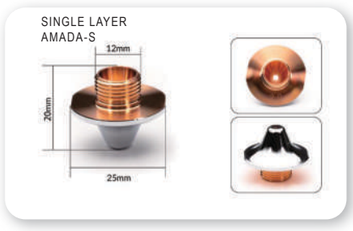
BOCI SERIES







Amada SERIES




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



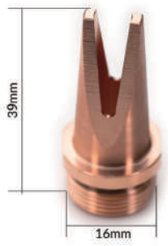
WELDING NOZZLE-SUP
M16 ES12 WF



WELDING NOZZLE-SUP
M16 FS12 WF

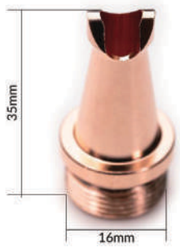


WELDING NOZZLE-SUP
M16 TYPE A



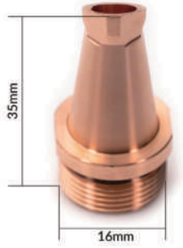


WELDING NOZZLE-SUP
M16 TYPE C





WELDING NOZZLE-SUP
M16 TYPE D1.2



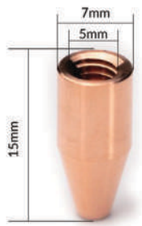


WIRE FEEDING NOZZLE-SUP
DOUBLE 1.0





WIRE FEEDING NOZZLE-SUP
M5 SINGLE 1.0



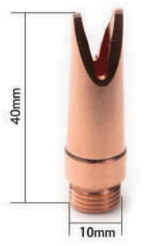


SUP CONSUMABLES



QILIN SERIES

WELDING NOZZLE-QILIN
M10 TYPE A





WELDING NOZZLE-QILIN
M10 TYPE B





WELDING NOZZLE-QILIN
M10 TYPE C



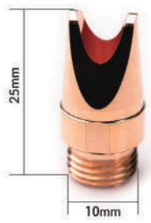


WELDING NOZZLE-QILIN
M10 TYPE D1.6



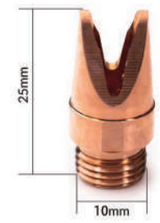


WELDING NOZZLE-QILIN
M10 TYPE E



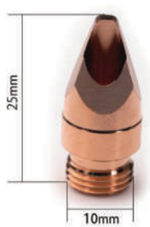


WELDING NOZZLE-QILIN
M10 TYPE F1.2





WELDING NOZZLE-QILIN
M10 TYPE G1.2





WELDING NOZZLE-QILIN
M10 TYPE H





WELDING NOZZLE-QILIN
M10 TYPE I

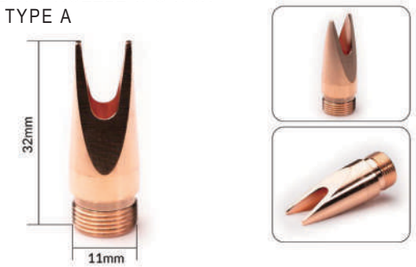


WELDING NOZZLE-QILIN
M10 TYPE J



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



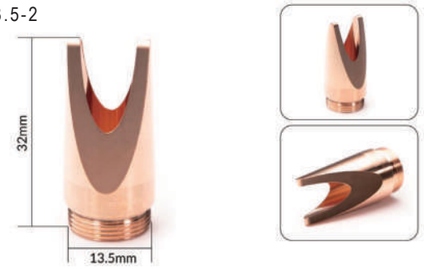
WELDING NOZZLE-IPG WSX
M13.5-1.0



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



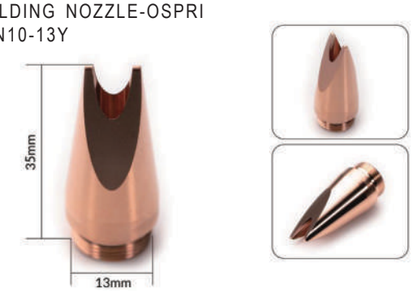
WELDING NOZZLE-OSPRI
FSN10-13R



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



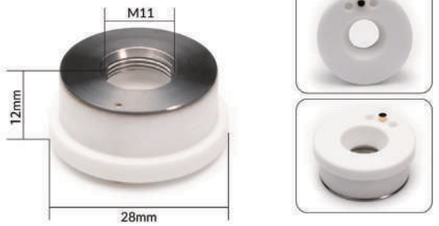
WELDING NOZZLE-HAN WEI
M8 TYPE E



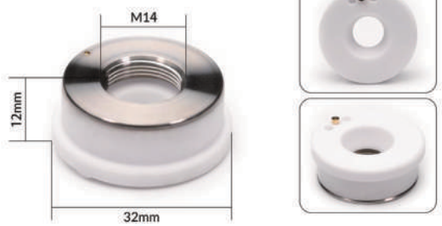
DNE Insulating ring
3500/3501



RAYTOOLS/WSX
D28 M11 H12



RAYTOOLS/WSX
D32 M14 H12



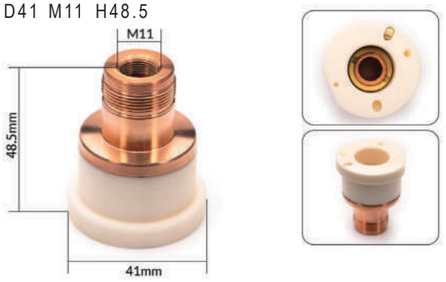
RAYTOOLS
D21.4 M8 H12.6



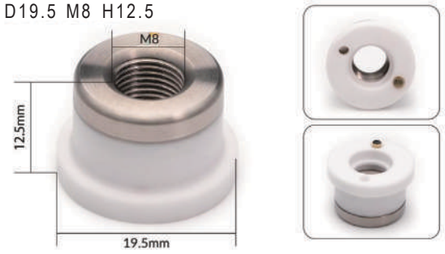
RAYTOOLS
D21.4 M11 H17



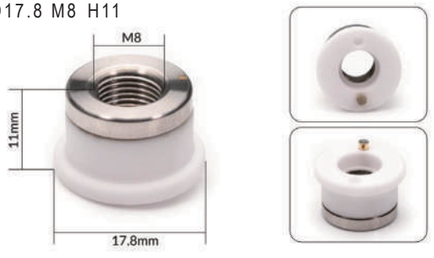
RAYTOOLS BS12K
D41 M11 H48.5



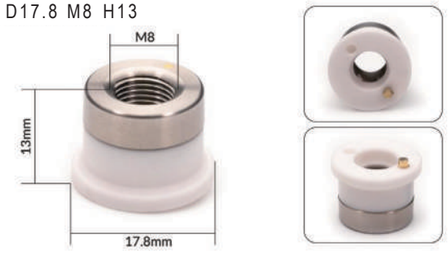
RAYTOOLS 3D
D19.5 M8 H12.5



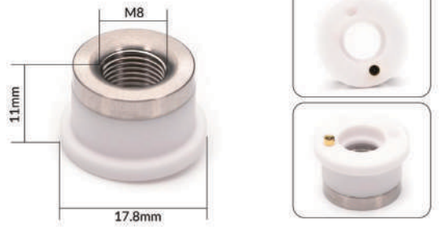
WSX 3D
D17.8 M8 H11



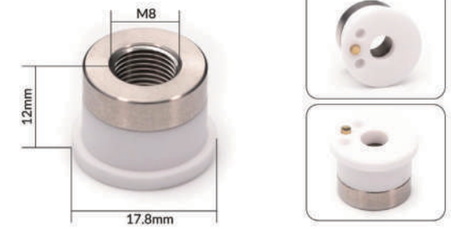
WSX 3D
D17.8 M8 H13



OSPRI
D17.8 M8 H11



OSPRI
D17.8 M8 H12



OSPRI FC14
D41 M11 H21.7



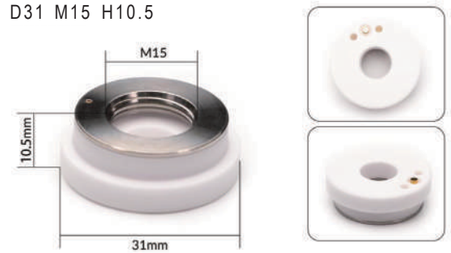
OSPRI FC17
D41 M11 H26.5



OSPRI 3D
D21.4 M8 H14



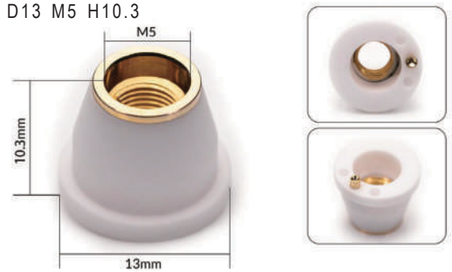
PROCUTTER KTX
D31 M15 H10.5



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



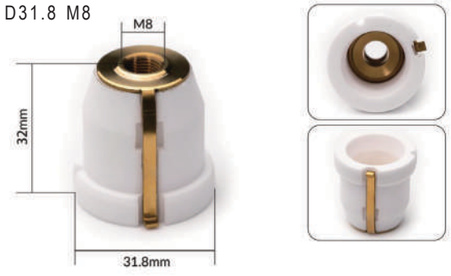
TRUMPF D41 M12
134917/1755673



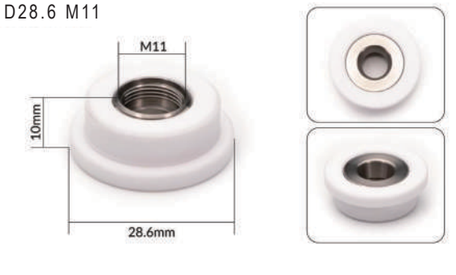
TRUMPF
3D M6



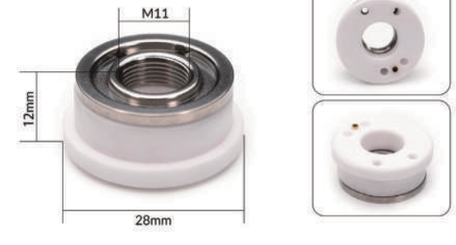
TRUMPF
D31.8 M8



IPG
D28.6 M11



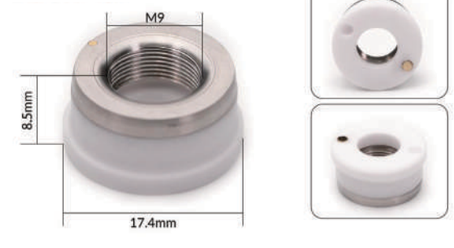
GANG CHUN
D28 M11 H12



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



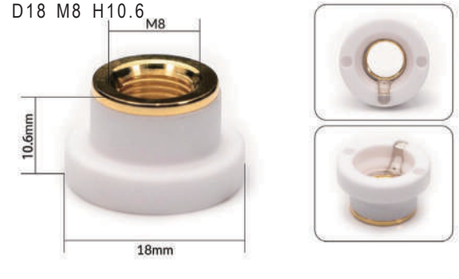
BODOR
D31 M11 H13.5



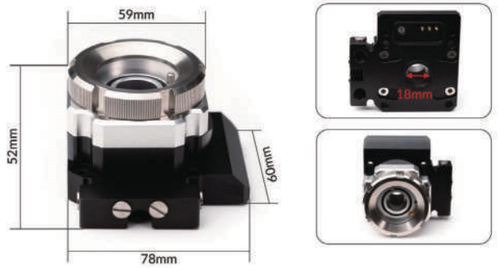
NC63
D31 M11 H13.6



创 科 源
D18 M8 H10.6



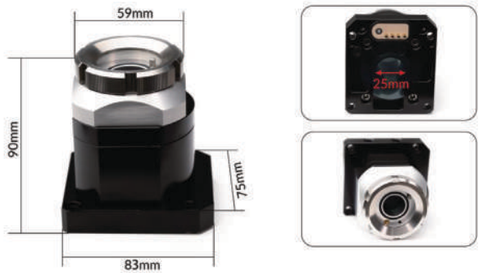
BOCI 310-F150



BOCI-3D 310T-F200



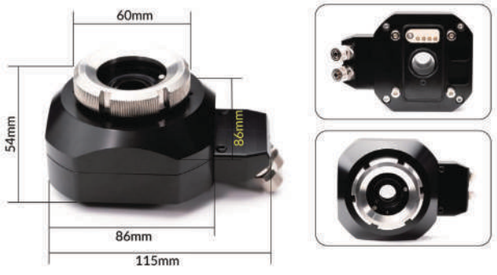
BOCI 421-F200



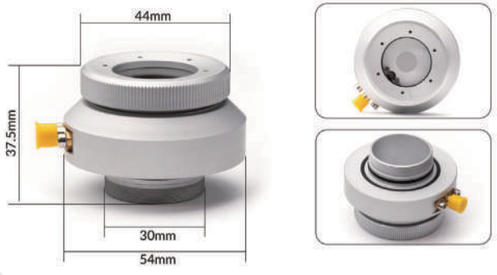
BOCI-3D 421T



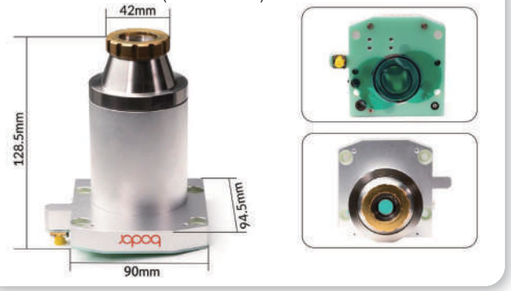
BOCI 6 SERIES



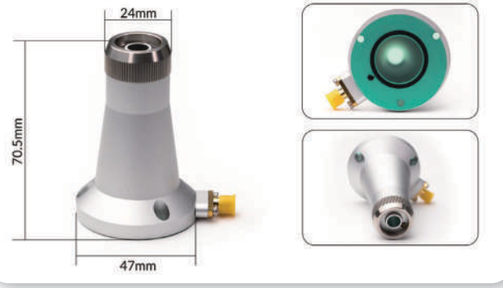
BOCI



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



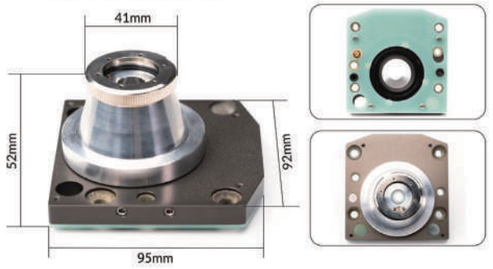
OSPRI LC218 F125 BB-02



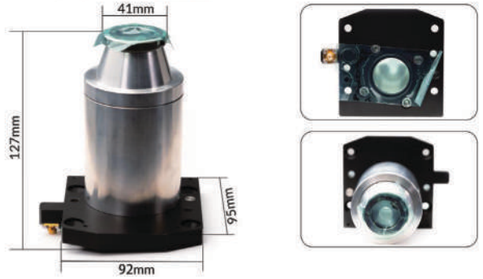
OSPRI LC218 F150/3D BC-03



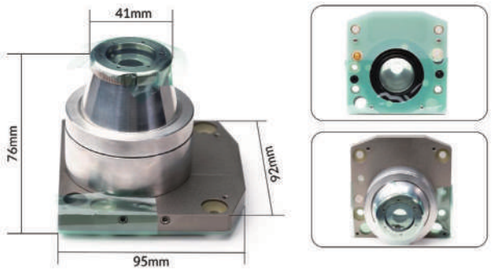
PROCUTTER 1.0 F125 ECO



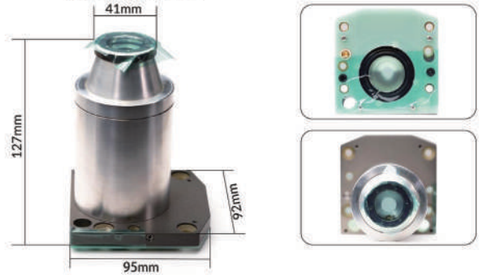
PROCUTTER 1.0 F200 ECO



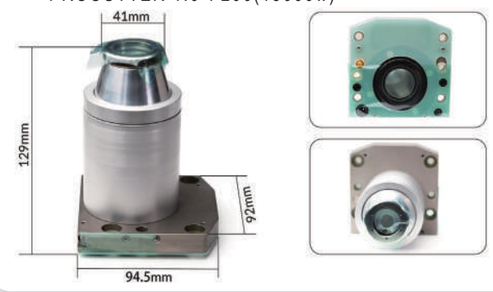
PROCUTTER 1.0 F150



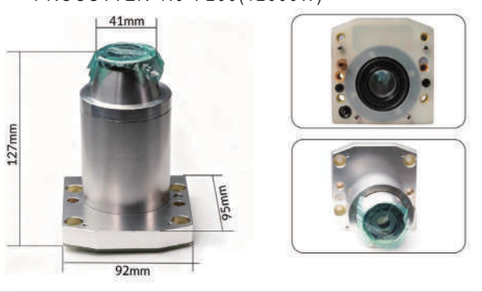
PROCUTTER 1.0 F200(6000W/8000w)



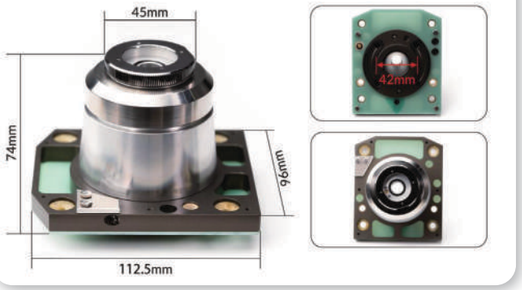
PROCUTTER 1.0 F200(15000w)



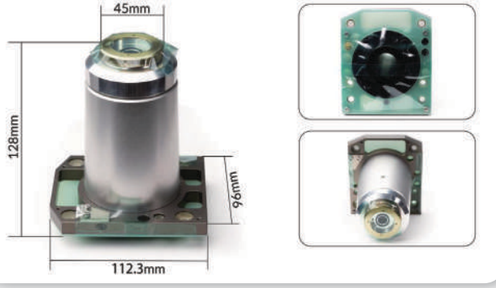
PROCUTTER 1.0 F200(12000W)



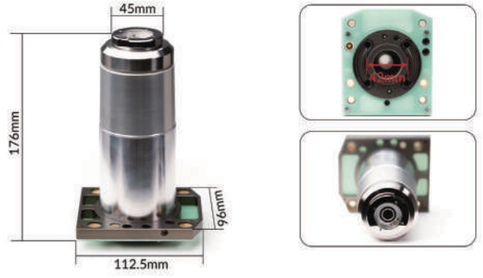
PROCUTTER 2.0 F150



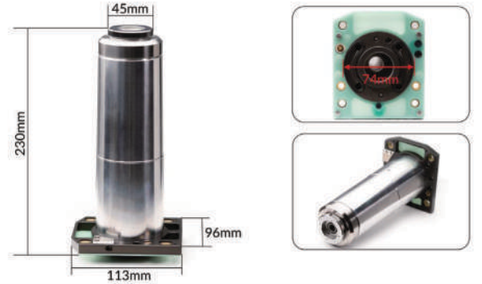
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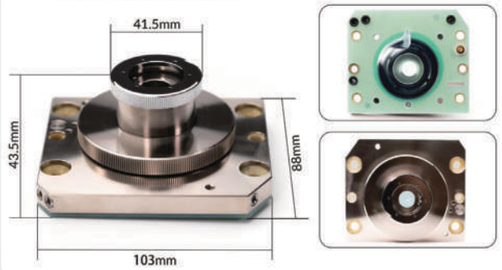
PROCUTTER 2.0 F250



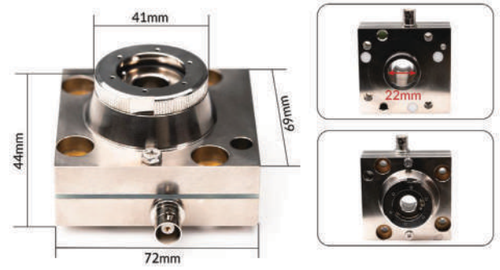
PROCUTTER 2.0 F300



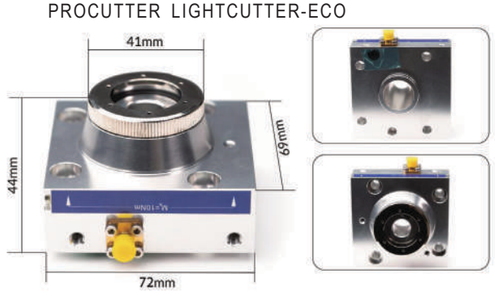
PROCUTTER HP SERIES



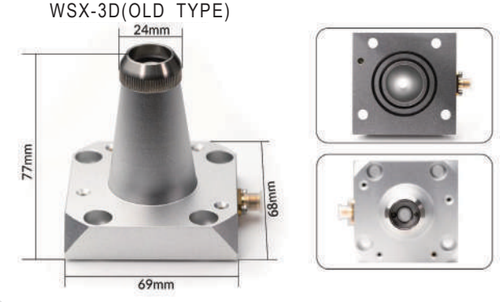
PROCUTTER LIGHTCUTTER



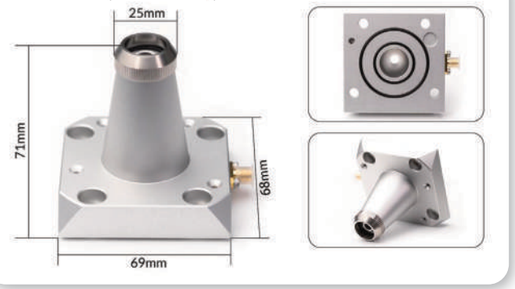
PROCUTTER LIGHTCUTTER-ECO



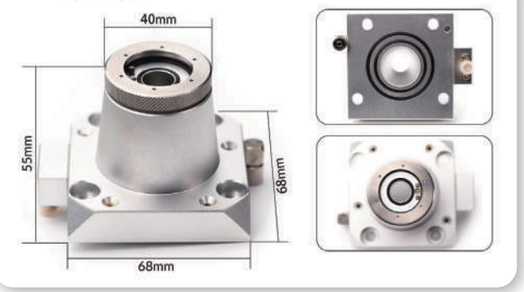
WSX-3D(OLD TYPE)



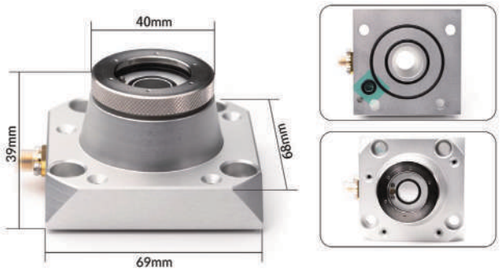
WSX-3D(NEW TYPE)



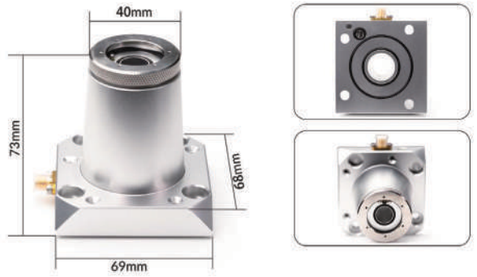
WSX-NC30



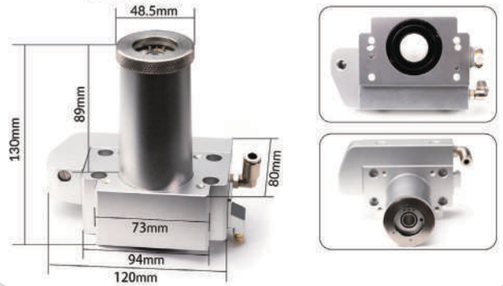
WSX-NC30E F125



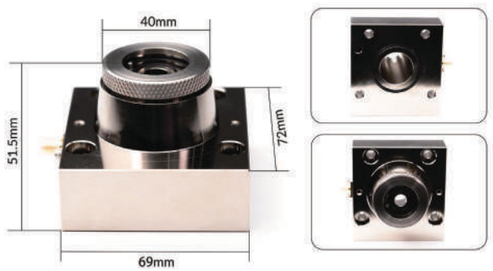
WSX-NC30E F150



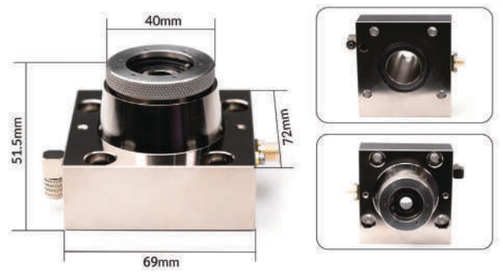
WSX NC63A



WSX-A KC13/15



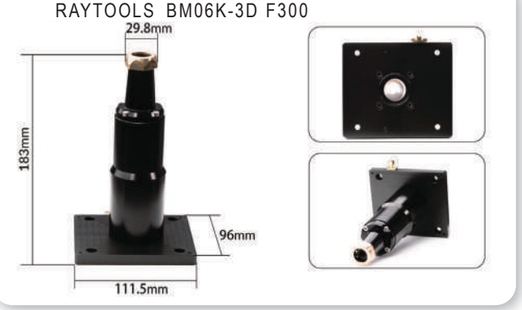
WSX-B NC30



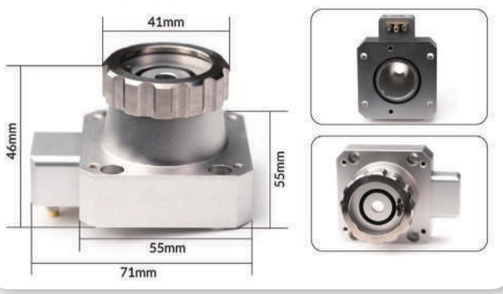
RAYTOOLS BM06K F200



RAYTOOLS BM06K-3D F300



RAYTOOLS BM109



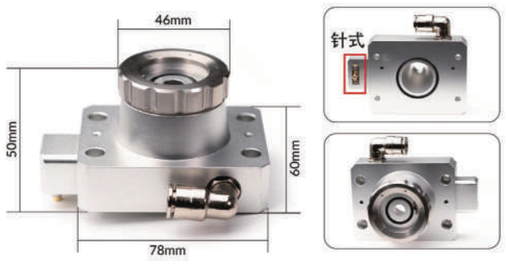
RAYTOOLS BM109-3D



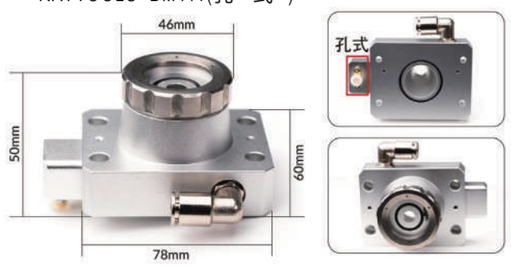
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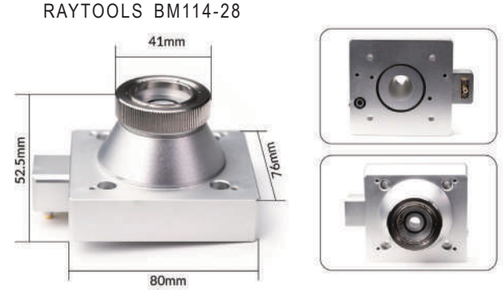
RAYTOOLS BM111(针 式)



RAYTOOLS BM111(孔 式)



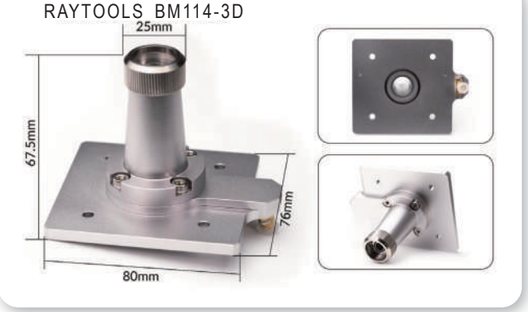
RAYTOOLS BM114-28



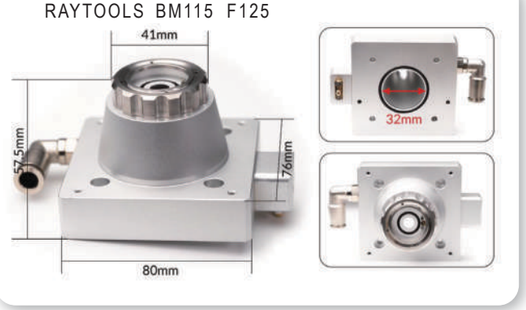
RAYTOOLS BM114-32



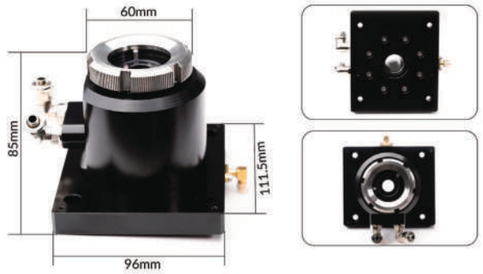
RAYTOOLS BM114-3D



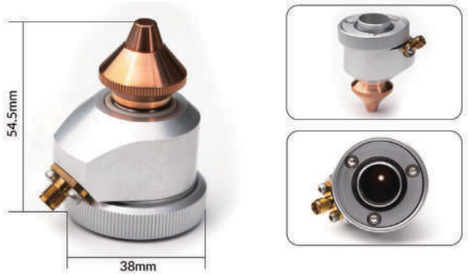
RAYTOOLS BM115 F125



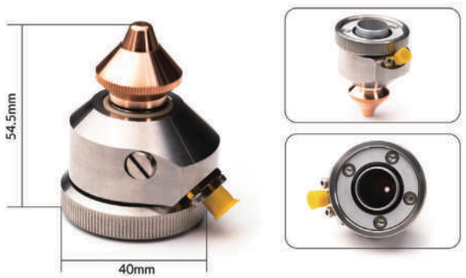
RAYTOOLS BS12K F200



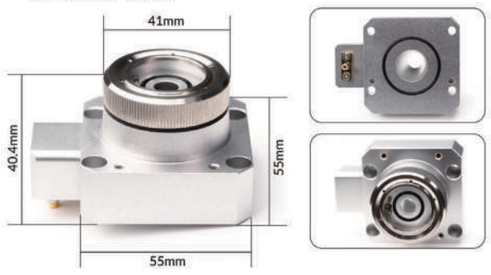
RAYTOOLS BT210



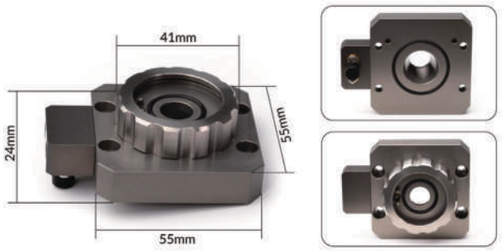
RAYTOOLS BT210S



RAYTOOLS BT220



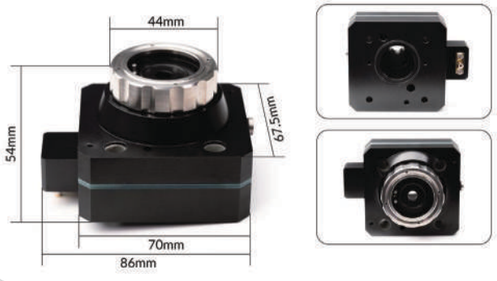
RAYTOOLS BT230



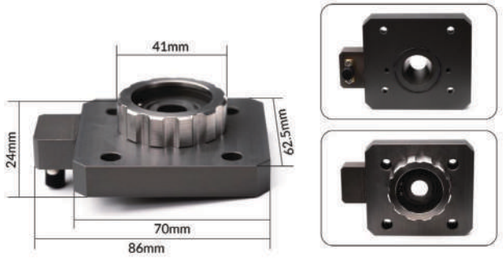
RAYTOOLS BT230-3D



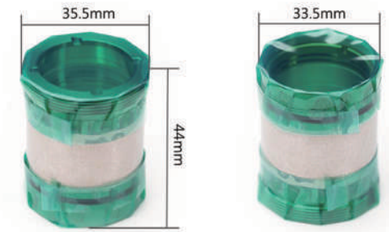
RAYTOOLS BT240S



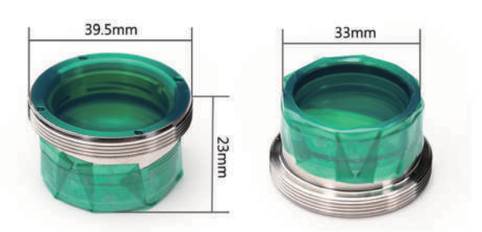
RAYTOOLS BT240薄款



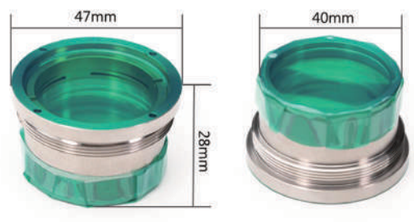
KC13/KC15/NC30 FOCUSING LENS
D30 F125/150/190



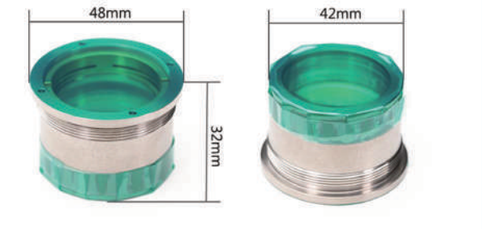
KC13/KC15/NC30 COLLIMATING LENS
D30 F75/100



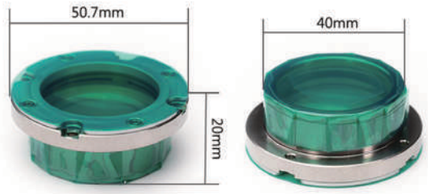
NC63 FOCUSING LENS D37 F150/200



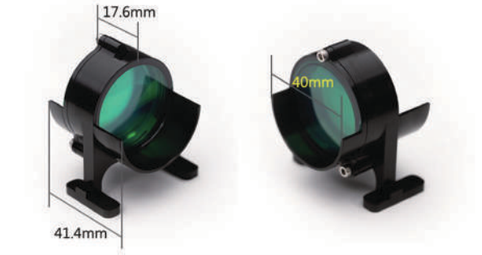
NC63 COLLIMATING LENS D37 F100



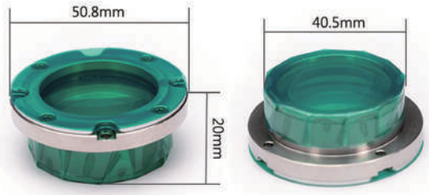
BM06K/BS06K FOCUSING LENS D37 F150/200



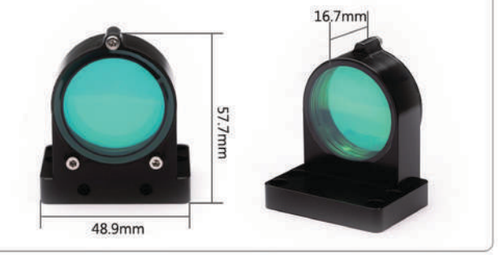
BM06K/BS06K COLLIMATING LENS D37 F100



BS12K FOCUSING LENS D37 F220



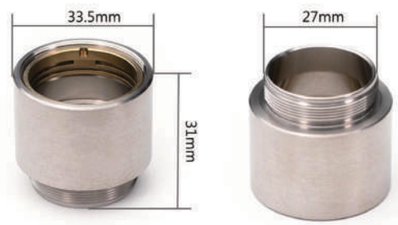
BS12K COLLIMATING LENS D37 F100



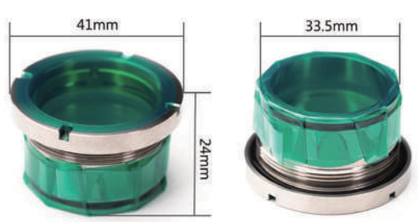
BM109 FOCUSINGLENS D28 F125/150



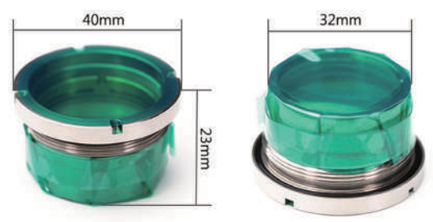
BM109 COLLIMATINGLENS D28 F100



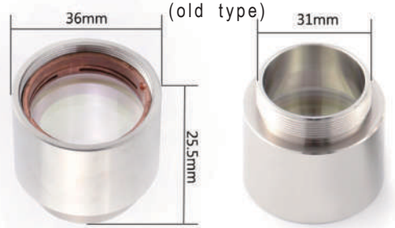
BM110 FOCUSINGLENS D30 F150/200 (new type)



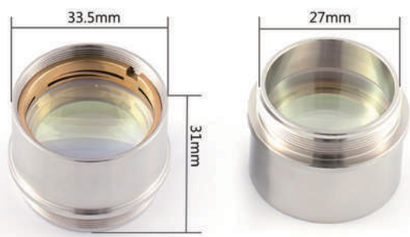
BM110 COLLIMATINGLENS D30 F100 (new type)



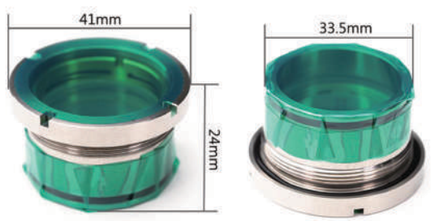
BM110/112 FOCUSINGLENS D30 F125/150/155/200 (old type)



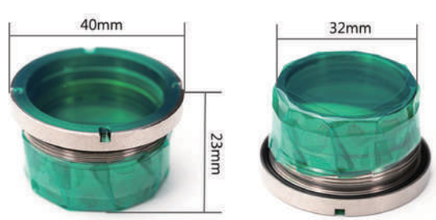
BM110/112 COLLIMATINGLENS D30 F75/100 (old type)



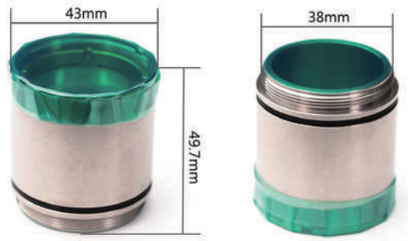
BM111 FOCUSINGLENS D30 F125/155/200



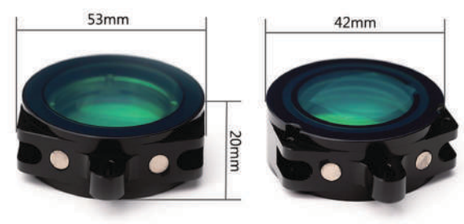
BM111 COLLIMATINGLENS D30 F75/100



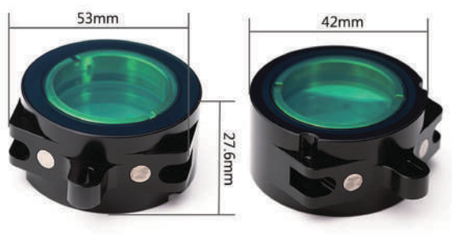
BM114 FOCUSINGLENS D37 F150/200 D38.1 F200



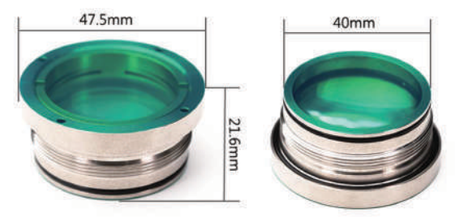
BM114 COLLIMATINGLENS D37 F100



BM115 FOCUSINGLENS D37 F150/200



BM115 COLLIMATINGLENS D37 F100



BT210/210S FOCUSINGLENS D28 F125/150



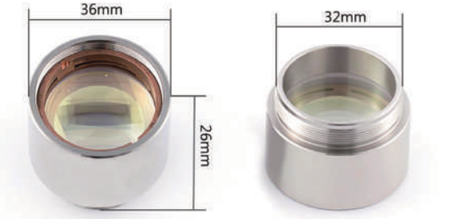
BT210/210S COLLIMATINGLENS D28 F75/100



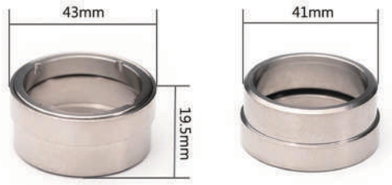
BT240/240S FOCUSINGLENS D30 F125/150/155/200



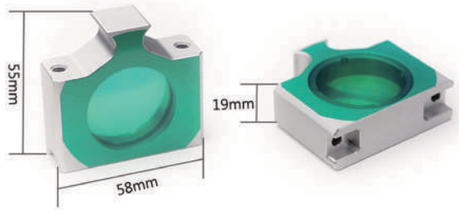
BT240/240S COLLIMATINGLENS D30 F100



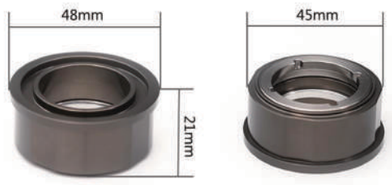
BOCI 421 FOCUSING LENS D37 F150/200



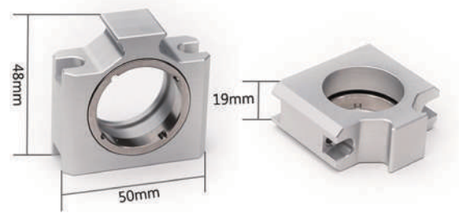
BOCI 421 COLLIMATING LENS D37 F100



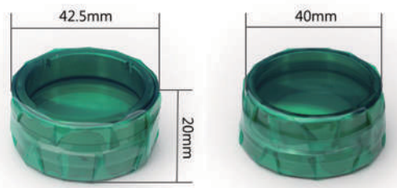
BOCI 310/421S FOCUSING LENS D32 F150/200



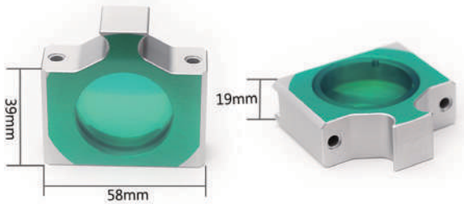
BOCI 310/421S COLLIMATING LENS D32 F100



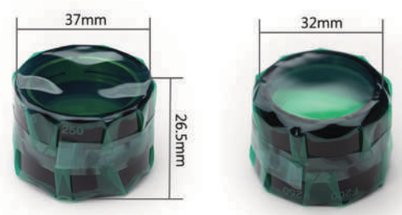
BOCI 441 FOCUSING LENS D37 F150/200



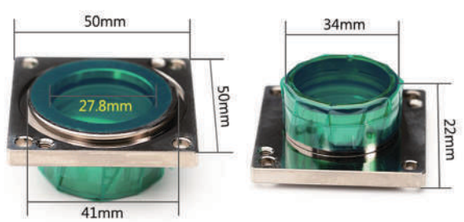
BOCI 441 COLLIMATING LENS D37 F100



HANS FOCUSING LENS D30 F125/150/200



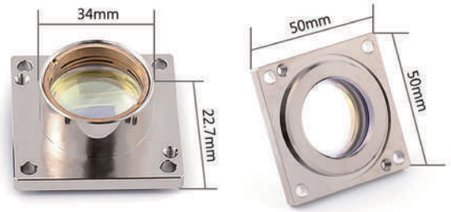
HANS COLLIMATING LENS D30 F100



HPSSL FOCUSING LENS D30 F125/150/200



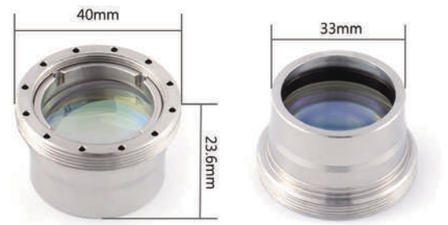
HPSSL COLLIMATING LENS D30 F100



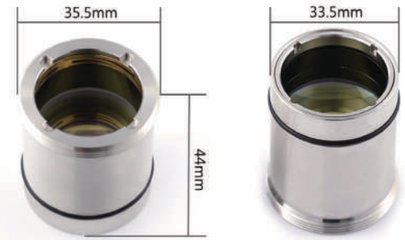
LIGHTCUTTER AUTO FOCUSING LENS D30 F125/150



LIGHTCUTTER AUTO COLLIMATING LENS D30 F100



LIGHTCUTTER MANU FOCUSING LENS D30 F125/150



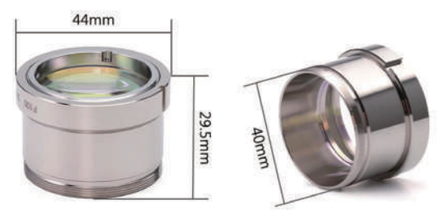
LIGHTCUTTER MANU COLLIMATING LENS D30 F100



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



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

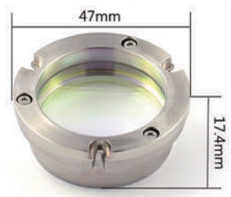


ZESTAW SKUPIAJĄCY I KOLIMACYJNY

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

Głowica tnąca jest ważnym elementem wycinarki laserowej światłowodowej (fiber). Do jej głównych części należą: szkła ochronne (soczewki ochronne), soczewki kolimacyjne i skupiające, dysze, głowice czujników, pierścienie ceramiczne itp. Akcesoria głowicy tnącej wymagają regularnej wymiany, a sama głowica musi być również regularnie konserwowana podczas użytkowania, aby osiągnąć lepsze rezultaty pracy.



CHILLER



Chłodziarka (chiller) zapewnia chłodzenie wycinarek laserowych o stałej temperaturze, przepływie i ciśnieniu. Pozwala to na bieżąco odprowadzać generowane ciepło oraz precyzyjnie kontrolować temperaturę wymaganą przez urządzenie laserowe. Dzięki temu stabilizuje moc wyjściową lasera i zapewnia prawidłowe działanie wycinarki laserowej.

LASER SOURCE

Źródło lasera światłowodowego (fiber) to źródło lasera wykorzystujące jako ośrodek wzmacniający włókna szklane domieszkowane ziemiami rzadkimi (iterbem). Posiada ono szeroki zakres zastosowań i charakteryzuje się takimi zaletami jak: wysoka jakość wiązki, wysoka wydajność, dobra charakterystyka odprowadzania ciepła, kompaktowa budowa oraz wysoka niezawodność.



CONTROLLER

System sterowania, pełniący rolę „mózgu” wycinarki laserowej, jest jednym z najważniejszych elementów urządzenia do obróbki laserowej. Jego zadaniem jest przekształcanie zaprojektowanych przez użytkownika plików graficznych i obrazów w serię instrukcji sterujących, które napędzają silniki oraz laser, umożliwiając w ten sposób realizację złożonych procesów obróbczych.

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



- WYSOKA JAKOŚĆ WIĄZKI
- WYSOKA WYDAJNOŚĆ
- LEPSZE ODPROWADZANIE CIEPŁA
- KOMPAKTOWA KONSTRUKCJA I WYSOKA NIEZAWODNOŚĆ

CUTTING SERIES:	WELDING SERIES:	MARKING SERIES:
1000W , RFL- C1000W	1000W , RFL- C1000H	20W , RFL- P20QS
1500W , RFL- C1500X	1500W , RFL- C1500H	30W , RFL- P30QS
2000W , RFL- 2000X	2000W , RFL- C2000H	70W , RFL- P70QA
3000W , RFL- C3000S		100W , RFL- P100QA
6000W , RFL- C6000X		
12000W , RFL- C12000X		

MAX LASER SOURCE



- WYSOKA JAKOŚĆ WIĄZKI
- WYSOKA WYDAJNOŚĆ
- LEPSZE ODPROWADZANIE CIEPŁA
- KOMPAKTOWA KONSTRUKCJA I WYSOKA NIEZAWODNOŚĆ

CUTTING SERIES:	WELDING SERIES:	MARKING SERIES:
1000W , MFSC- 1000X	1000W , MFSC- 1000W	20W
1500W , MFSC- 1500X	1500W , MFSC- 1500W	30W
2000W , MFSC- 2000X	2000W , MFSC- 2000W	50W
3000W , MFSC- 3000X		
6000W , MFSC- 6000X		
12000W , MFSC- 12000X		

CONTROLLER



SPECIFICATIONS:
FSCUT1000S
FSCUT2000C
FSCUT2000E
FSCUT3000S
FSCUT4000E
FSCUT5000
FSCUT6000
FSCUT7000
FSCUT8000

Jako system w pętli otwartej (open-source), opracowany specjalnie dla wycinarek laserowych, oferuje następujące zalety w maszynach laserowych o dużej, średniej i małej mocy:

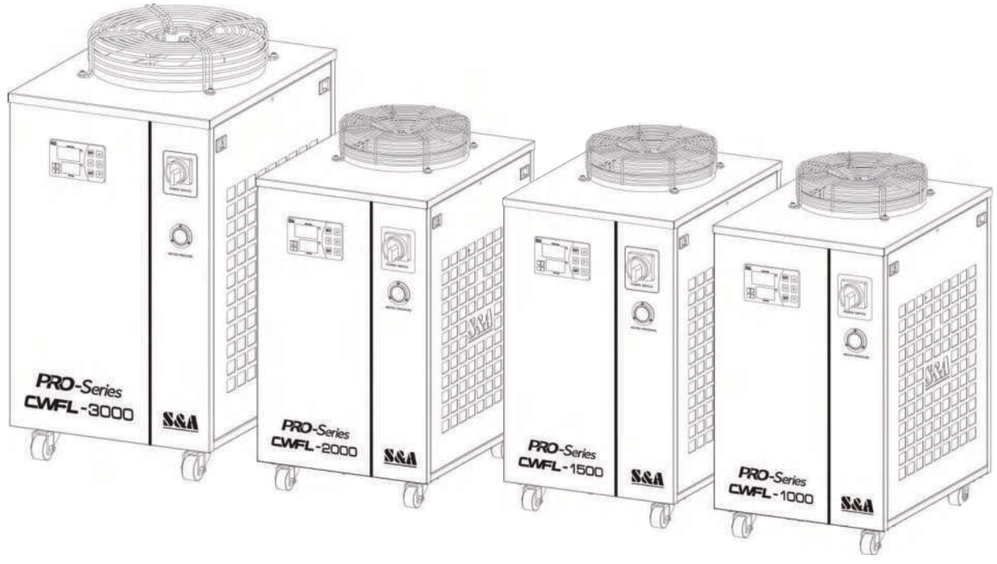
Łatwa obsługa: prosty interfejs operacyjny umożliwia operatorom szybkie rozpoczęcie pracy.

Bogata funkcjonalność: oferuje szeroki zakres funkcji cięcia, spełniając wymagania różnych typów wycinarek laserowych.

Prosta interakcja człowiek–maszyna (HMI): zastosowanie adaptacyjnych algorytmów automatycznie dobierających parametry obniża wymagania dotyczące kwalifikacji operatora.

Wysoka stabilność: jedna z najbardziej stabilnych konfiguracji systemowych dla maszyn laserowych o dużej, średniej i małej mocy.

Przewaga cenowa: wyraźna i atrakcyjna przewaga cenowa na rynku.



Precyzja kontroli temperatury do ±0.5°C

Możliwość wyboru ekologicznego czynnika chłodniczego

Obsługa komunikacji ModBus-485; liczne ustawienia oraz funkcje wyświetlania błędów

Szeroki zakres funkcji alarmowych i ochronnych: ochrona opóźnienia kompresora, zabezpieczenie nadprądowe kompresora, alarm przepływu wody, alarm zbyt wysokiej/niskiej temperatury

Międzynarodowe specyfikacje zasilania; certyfikaty ISO9001, CE, RoHS, REACH

Stabilne chłodzenie i prosta obsługa

Opcjonalna grzałka oraz konfiguracja oczyszczania wody

Kontakt:

KARVATRON
INDUSTRIAL EQUIPMENT SOLUTIONS

TARGET TRADE
INTERNATIONAL TRADE

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Whatsapp - 2

KARVATRON WEBSİTE

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