



LASER CATALOG

A PROGRESSIVE COMPANY FOR AN EVOLVING MARKET



Over a period of 28 years, the THERMACUT Group has undergone a multitude of changes. THERMACUT (originally Tatra Imports Inc.) was incorporated in Claremont, New Hampshire in 1990 and sold products under the brand ZAP Plasmatherm, a reseller of plasma consumables from local vendors directly to end-users. The company began operating with three employees, conducting business through telephone sales. In 1992, the company opened a small manufacturing facility in the Czech Republic, followed by a sales office there in 1996. The Czech facility was created to produce and sell plasma consumables and torches directly into the Eastern European market and through distributors in Western Europe under the brand name THERMACUT, utilizing both inside and outside sales representatives. And in 1993 the THERMACUT brand was introduced into North America and sold through distributors.

In January of 1999, STK Gesellschaft für Schweißtechnik GmbH (a holding company 100% owned by the IBG Group of Cologne, Germany) purchased 80% of the shares of THERMACUT and in 2002 completed the acquisition to become the 100% shareholder of the THERMACUT Group.

Since those early and humble beginnings, THERMACUT has evolved into a major force in providing plasma torches and consumables through multiple sales channels supported by ten sales subsidiaries. THERMACUT also has a close partnership with Abicor-Binzel (an IBG owned company) with locations in India, the Middle East, Turkey, Belarus, Kazakhstan, Denmark, Norway, Sweden, Finland, United Kingdom, South Korea, Australia, Mexico, and Brazil. Based on customer demand, THERMACUT has also introduced TIG/WIG, MIG/MAG and Oxy-fuel products and produces those products at its modern ISO 9001 production facility located in Uherske Hradiste in the Czech Republic.

The THERMACUT Group has focused its efforts on providing high quality, direct replacement consumable and torch product lines that will meet or exceed the expectations of our valued customers who are cutting and welding metals thermally throughout the world. As our customer base grew, their expectations and demands also increased. In 2005, THERMACUT expanded its product portfolio with the addition of advanced consumables, which have included products such as the Silver Plus™, Silver Pro™ and Silver-EX® electrodes, plus the patented Tungsten-EX™ nozzles.

By 2013, the THERMACUT Group continued to expand and evolve in the thermal cutting and welding marketplace. In December of 2012, the THERMACUT Group concluded the purchase of the HOLMA® AG, a producer of premium quality laser consumables, which satisfies ongoing requests from customers for a high quality laser consumable brand and a further expansion of THERMACUT's plasma cutting and oxy-fuel consumable product portfolio.

In September 2013 at the SCHWEISSEN & SCHNEIDEN Exposition, the THERMACUT Group evolved once again with the introduction of a line of plasma cutting systems for both manual and mechanized plasma processes up to 65 mm thickness. The initial introduction featured a 105 amp system. THERMACUT also had 65 and 85 amp systems on display. With this change, THERMACUT has made clear to its customers around the world its intention to move into the position of a producer of a full range of original plasma products.

From 2016 to 2018, plasma power sources from 30 A to 125 A were gradually introduced. The HD series, along with its original torches and the patented Torch Connection System (TCS) connector, was launched in 2017 at SCHWEISSEN & SCHNEIDEN in Dusseldorf.

As with plasma cutting, THERMACUT is the leader in the field of laser cutting technology. In 2017 at SCHWEISSEN & SCHNEIDEN, we presented the original EX-TRABEAM® laser head, which was launched in the second half of 2018.

Throughout the life of the THERMACUT Group, we have believed that "The customer is always right." This is what motivates us to improve in all areas, starting with the development of all products and ending their sales.

"THE CUTTING COMPANY" is not just a slogan for us. It is an established practice. Join THERMACUT in the world of cutting to discover new and alternative applications, and take full advantage of new possibilities offered by the digital cutting world.



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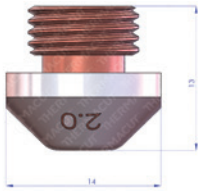
TABLE OF CONTENTS

LASER

SYSTEM	PAGE
AMADA®	8-10
BYSTRONIC®	11-13
AIR FILTERS suitable for BYSTRONIC®	13
CINCINNATI®	14
LVD®	15
MAZAK®	16-20
MITSUBISHI®	21-22
Precitec®	23-28
PRIMA POWER®	29-30
TRUMPF®	31-38
AIR FILTERS suitable for TRUMPF®	39

REPLACEMENT PARTS SUITABLE FOR AMADA®

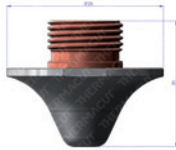
AMADA® LASER AHS™ 100



HG 10.506, 508, 509

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.508	62094006-1.3	Nozzle 1.3mm M10 x 1 HCP	10pcs	HG10.506	62094006-2.0	Nozzle 2.0mm M10 x 1 HCP	10pcs
HG10.509	62094006-1.5	Nozzle 1.5mm M10 x 1 HCP	10pcs				

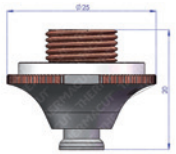
AMADA® F.O.™



HG 10.592-599

Standard/Double copper nozzles with chromium plating

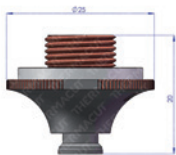
Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.609	1572362-0.8	Nozzle 0.8mm HCP	10pcs	HG10.594	1572361-1.2	Double Nozzle 1.2mm HCP	10pcs
HG10.610	1572362-1.2	Nozzle 1.2mm HCP	10pcs	HG10.592	1572361-1.4	Double Nozzle 1.4mm HCP	10pcs
HG10.613	1572362-1.4	Nozzle 1.4mm HCP	10pcs	HG10.595	1572361-2.0	Double Nozzle 2.0mm HCP	10pcs
HG10.608	1572362-1.5	Nozzle 1.5mm HCP	10pcs	HG10.618	1572361-2.5	Double Nozzle 2.5mm HCP	10pcs
HG10.611	1572362-2.0	Nozzle 2.0mm HCP	10pcs	HG10.599	1572361-3.0	Double Nozzle 3.0mm HCP	10pcs
HG10.612	1572362-3.0	Nozzle 3.0mm HCP	10pcs	HG10.593	1572361-4.0	Double Nozzle 4.0mm HCP	10pcs
HG10.614	1572362-4.0	Nozzle 4.0mm HCP	10pcs	HG10.759	71515853	PTFE ring	1pc



HG10.763



HG10.773



HG10.765, 766



HG10.776

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.763	HG10.763	WACS – Double Nozzle 1.7mm with holes Hard chrom (PTFE Ring included)	1pc	HG10.773	71341728	Clean Cut Double Nozzle 4.0mm HCP	1pc
HG10.765	71712335	WACS – Double Nozzle 2.5mm with holes Hard chrom (PTFE Ring included)	1pc	HG10.776	71341729	Clean Cut Double Nozzle 7.0mm HCP	1pc
HG10.766	71712336	WACS – Double Nozzle 4.0mm with holes Hard chrom (PTFE Ring included)	1pc				

PolyTetraFluoroEthylene is a fluorocarbon-based polymer and is commonly abbreviated PTFE. The Teflon® brand of PTFE is manufactured only by DuPont® and is not sold by Thermacut. Thermacut purchases other brands of PTFE from various high quality manufacturers.

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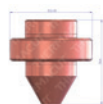
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REPLACEMENT PARTS SUITABLE FOR AMADA®

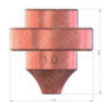
AMADA® LC-3015 X1™



HG 12.506-522



HG 12.530



HG 12.532, 520



HG 12.501-4

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG12.506	BQ943D897H01	Nozzle 1.0mm	10pcs	HG12.522	HG12.522	Nozzle 4.0mm	10pcs
HG12.507	BQ943D157H01	Nozzle 1.5mm	10pcs	HG12.532	BQ933D283H01	Nozzle 1.0mm	10pcs
HG12.531	HG12.531	Nozzle 1.7mm	10pcs	HG12.520	BQ943D269H01	Nozzle 1.2mm	10pcs
HG12.508	BQ943D157H02	Nozzle 2.0mm	10pcs	HG12.530	BQ933D094H01	Nozzle Nut, Short (length 15mm)	1pc
HG12.509	BQ943D157H03	Nozzle 2.5mm	10pcs	HG12.501	BQ943D156H01	Double Nozzle Insert 8-holes	10pcs
HG12.510	BQ943D157H04	Nozzle 3.0mm	10pcs	HG12.504	BQ943D156H03	Double Nozzle Insert 24-holes	10pcs
HG12.521	BQ943D596H01	Nozzle 3.5mm	10pcs				



PRODUCT BROCHURE WITH DETAILS AT
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VIDEO AVAILABLE AT YOUTUBE CHANNEL >



LENSES SUITABLE FOR AMADA® LC-3015 X1™

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG15.029/H	HG15.029/H	5.00" ZnSe Plano-convex lens High pressure lens (19bar), 50.8mm Effective focal length: 127.0mm Edge thickness: 7.87mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG15.029/HU	HG15.029/HU	5.00" ZnSe Plan.-con. – ULTRA LOW High pressure lens (19bar), 50.8mm Effective focal length: 127.0mm Edge thickness: 7.87mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG15.028/H	HG15.028/H	7.50" ZnSe Plano-convex lens High pressure lens (19bar), 50.8mm Effective focal length: 190.5mm Edge thickness: 7.87mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG15.028/HU	HG15.028/HU	7.50" ZnSe Plan.-con. – ULTRA LOW High pressure lens (19bar), 50.8mm Effective focal length: 190.5mm Edge thickness: 7.87mm AR/AR for 10.6µm (absorption <0.13%)	1pc

Last update of this page: 30/05/2018. See Revision history for details.

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REPLACEMENT PARTS SUITABLE FOR AMADA®

LENSES SUITABLE FOR AMADA®



Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.167/H	M78025	5.00" ZnSe Meniscus lens High pressure lens (29bar), 38.1mm Effective focal length: 127.0mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.167/HU	M78025UL	5.00" ZnSe Men. lens – ULTRA LOW High pressure lens (29bar), 38.1mm Effective focal length: 127.0mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG10.168/H	M78026	7.50" ZnSe Meniscus lens High pressure lens (29bar), 38.1mm Effective focal length: 190.5mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.168/HU	M78026UL	7.50" ZnSe Men. lens – ULTRA LOW High pressure lens (29bar), 38.1mm Effective focal length: 190.5mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG15.002/H	M78037	5.00" ZnSe Plano-convex lens High pressure lens (28bar), 50.8mm Effective focal length: 127.0mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG15.002/HU	M78037UL	5.00" ZnSe Plan.-con. – ULTRA LOW High pressure lens (28bar), 50.8mm Effective focal length: 127.0mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG15.003/H	M78038	7.50" ZnSe Plano-convex lens High pressure lens (28bar), 50.8mm Effective focal length: 190.5mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG15.003/HU	M78038UL	7.50" ZnSe Plan.-con. – ULTRA LOW High pressure lens (28bar), 50.8mm Effective focal length: 190.5mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.13%)	1pc

PROTECTION WINDOWS SUITABLE FOR AMADA®

Part No.	Ref. No.	Description	Std. Pkg.
HG17.521	HG17.521	Protection Window D33.00mm × ET = 1.50mm	1pc
HG17.522	HG17.522	Protection Window D19.00mm × ET = 1.0mm	1pc

ACCESSORIES SUITABLE FOR AMADA®

Part No.	Ref. No.	Description	Std. Pkg.
HG10.174	HG10.174	Polish for laser optics, 100ml	1pc
HG10.173	HG10.173	Lens cleaning paper from TIFFEN®, sheet size 70 × 115mm	50pcs

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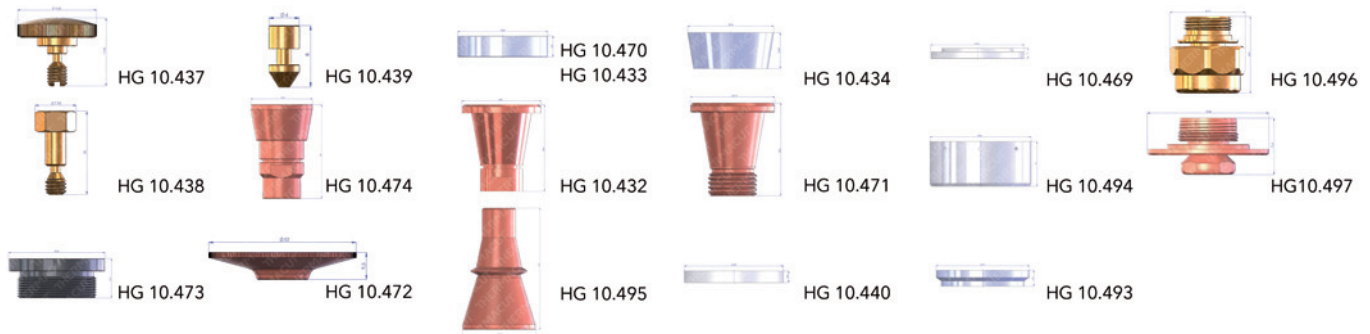
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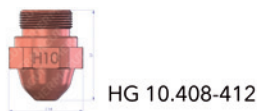
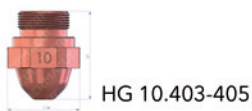
REPLACEMENT PARTS SUITABLE FOR BYSTRONIC®

PARTS FOR BYSTRONIC® "BY" SERIES



Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.437	4-03136	Knurled Screw	1pc	HG10.472	2-08700	Shield (copper)	1pc
HG10.438	4-00324	Knurled Screw	1pc	HG10.493	3-13113	Insulating Ring (small)	1pc
HG10.439	4-03137	Pln	1pc	HG10.495	2-10837	Nozzle Body	1pc
HG10.474	3-02291	Nozzle Body	1pc	HG10.488	10032930	Nozzle Body	1pc
HG10.433	4-01642	Insulating Ring – Ceramic	1pc	HG10.494	3-13422	Insulating Ring (large)	1pc
HG10.432	3-05497	Nozzle Body	1pc	HG10.440	3-06035	Insulating Disc (PTFE)	1pc
HG10.434	4-01959	Conical Ceramic	1pc	HG10.469	3-03663	Insulating Disc (PTFE) – old. ref.	1pc
HG10.471	2-08701	Nozzle Body	1pc	HG10.496	10055576	Nozzle Holder BySprint™	1pc
HG10.473	3-11071	Fastener Nut	1pc	HG10.497	10051133	Nozzle Holder BySprint™	1pc
HG10.470	4-09010	Ceramic	1pc				

PARTS FOR BYSTRONIC® "BY" SERIES



Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.403	3-01894	Nozzle 1.0mm – 10	10pcs	HG10.411	3-01902	Nozzle 1.75mm – H17	10pcs
HG10.404	3-01895	Nozzle 1.25mm – 12	10pcs	HG10.412	3-01903	Nozzle 2.0mm – H20	10pcs
HG10.405	3-01896	Nozzle 1.50mm – 15	10pcs	HG10.413	3-01905	Nozzle 1.0mm – K10	10pcs
HG10.408	3-01899	Nozzle 1.00mm – H10	10pcs	HG10.414	3-01906	Nozzle 1.25mm – K10	10pcs
HG10.409	3-01900	Nozzle 1.25mm – H12	10pcs	HG10.415	3-01907	Nozzle 1.50mm – K15	10pcs
HG10.410	3-01901	Nozzle 1.50mm – H15	10pcs				

PolyTetraFluoroEthylene is a fluorocarbon-based polymer and is commonly abbreviated PTFE. The Teflon® brand of PTFE is manufactured only by DuPont® and is not sold by Thermacut. Thermacut purchases other brands of PTFE from various high quality manufacturers.

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REPLACEMENT PARTS SUITABLE FOR BYSTRONIC®

PARTS FOR BYSTRONIC® "BY" SERIES



HG 10.414-424

Standard copper nozzles / Standard copper nozzles with hard chromium plating

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.416	3-01908	Nozzle 1.75mm – K17	10pcs	HG10.421/C	3-01913CP	Nozzle 1.75mm – HK17 – HCP	10pcs
HG10.417	3-01909	Nozzle 2.00mm – K20	10pcs	HG10.422	3-01914	Nozzle 2.0mm – HK20	10pcs
HG10.426	3-04274	Nozzle 2.25mm – K25	10pcs	HG10.422/C	3-01914CP	Nozzle 2.0mm – HK20 – HCP	10pcs
HG10.418	3-01910	Nozzle 1.00mm – HK10	10pcs	HG10.423	3-03854	Nozzle 2.5mm – HK25	10pcs
HG10.418/C	3-01910CP	Nozzle 1.00mm – HK10 – HCP	10pcs	HG10.423/C	3-03854CP	Nozzle 2.5mm – HK25 – HCP	10pcs
HG10.419	3-01911	Nozzle 1.25mm – HK12	10pcs	HG10.425	3-06112	Nozzle 3.0mm – HK30	10pcs
HG10.419/C	3-01911CP	Nozzle 1.25mm – HK12 – HCP	10pcs	HG10.425/C	3-06112CP	Nozzle 3.0mm – HK30 – HCP	10pcs
HG10.420	3-01912	Nozzle 1.50mm – HK15	10pcs	HG10.424	HG10.424	Nozzle 3.50mm – HK35	10pcs
HG10.420/C	3-01912CP	Nozzle 1.50mm – HK15 – HCP	10pcs	HG10.424/C	HG10.424CP	Nozzle 3.50mm – HK35 – HCP	10pcs
HG10.421	3-01913	Nozzle 1.75mm – HK17	10pcs				



HG 10.428/D-434/D



HG 10.418/D-424/D

Standard double copper nozzles / Standard double copper nozzles with hard chromium plating

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.428/D	3-16058	Nozzle 1.00mm – NK10	10pcs	HG10.418/D	3-16058CP	Nozzle 1.00mm – NK10 – HCP	10pcs
HG10.429/D	3-16059	Nozzle 1.20mm – NK12	10pcs	HG10.419/D	3-16059CP	Nozzle 1.20mm – NK12 – HCP	10pcs
HG10.430/D	3-16060	Nozzle 1.50mm – NK15	10pcs	HG10.420/D	3-16060CP	Nozzle 1.50mm – NK15 – HCP	10pcs
HG10.431/D	3-14317	Nozzle 1.70mm – NK17	10pcs	HG10.421/D	3-14317CP	Nozzle 1.70mm – NK17 – HCP	10pcs
HG10.432/D	3-14318	Nozzle 2.00mm – NK20	10pcs	HG10.422/D	3-14318CP	Nozzle 2.00mm – NK20 – HCP	10pcs
HG10.433/D	3-14319	Nozzle 2.50mm – NK25	10pcs	HG10.423/D	3-14319CP	Nozzle 2.50mm – NK25 – HCP	10pcs
HG10.433/A	3-16256	Nozzle 2.50mm – NK25 – AL	10pcs	HG10.423/A	3-16256CP	Nozzle 2.50mm – NK25 – AL – HCP	10pcs
HG10.435/D	3-16061	Nozzle 3.00mm – NK30	10pcs	HG10.425/D	3-16061CP	Nozzle 3.00mm – NK30 – HCP	10pcs
HG10.435/A	3-16257	Nozzle 3.00mm – NK30 – AL	10pcs	HG10.425/A	3-16257CP	Nozzle 3.00mm – NK30 – AL – HCP	10pcs
HG10.434/D	HG10.434D	Nozzle 3.50mm – NK35	10pcs	HG10.424/D	HG10.434DCP	Nozzle 3.50mm – NK35 – HCP	10pcs

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LENSES SUITABLE FOR BYSTRONIC®

Part No.	Ref. No.	Description	Std. Pkg.
HG10.730/H	4-00185	3.75" ZnSe Meniscus lens High pressure lens (20bar), 38.1mm Effective focal length: 95.3mm Edge thickness: 6.0mm AR/AR for 10.6µm (absorption <0.20%)	1pc
HG10.731/H	4-00186	5.00" ZnSe Meniscus lens High pressure lens (20bar), 38.1mm Effective focal length: 127.0mm Edge thickness: 6.0mm AR/AR for 10.6µm (absorption <0.20%)	1pc
HG10.732/H	4-00187	7.50" ZnSe Meniscus lens High pressure lens (20bar), 38.1mm Effective focal length: 190.5mm Edge thickness: 6.0mm AR/AR for 10.6µm (absorption <0.20%)	1pc
HG10.729/H	4-10736	3.75" ZnSe Meniscus lens High pressure lens (42bar), 38.1mm Effective focal length: 95.3mm Edge thickness: 9.0mm AR/AR for 10.6µm (absorption <0.20%)	1pc

Part No.	Ref. No.	Description	Std. Pkg.
HG10.733/H	4-05094	5.00" ZnSe Meniscus lens High pressure lens (42bar), 38.1mm Effective focal length: 127.0mm Edge thickness: 9.0mm AR/AR for 10.6µm (absorption <0.20%)	1pc
HG10.734/H	4-05095	7.50" ZnSe Meniscus lens High pressure lens (42bar), 38.1mm Effective focal length: 190.5mm Edge thickness: 9.0mm AR/AR for 10.6µm (absorption <0.20%)	1pc
HG10.733/HU	4-07475	5.00" ZnSe Meniscus lens – ULTRA LOW High pressure lens (42bar), 38.1mm Effective focal length: 127.0mm Edge thickness: 9.0mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG10.734/HU	4-07476	7.50" ZnSe Meniscus lens – ULTRA LOW High pressure lens (42bar), 38.1mm Effective focal length: 190.5mm Edge thickness: 9.0mm AR/AR for 10.6µm (absorption <0.13%)	1pc

PROTECTION WINDOWS FOR BYSTRONIC®

Part No.	Ref. No.	Description	Std. Pkg.
HG17.517	10045746	Protection Window D36.00mm × ET = 5.0mm	1pc

ACCESSORIES SUITABLE FOR BYSTRONIC®

Part No.	Ref. No.	Description	Std. Pkg.
HG10.174	HG10.174	Polish for laser optics, 100ml	1pc
HG10.173	HG10.173	Lens cleaning paper from TIFFEN®, sheet size 70 × 115mm	50pcs
HG15.136	HG15.136	Latex gloves	100pcs

AIR FILTERS SUITABLE FOR BYSTRONIC®

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.175	HG10.175	Air filter for cooling aggregate size: 400 × 600 × 8mm	25pcs	HG11.179	HG11.179	Air filter for cooling aggregate size: 600 × 1200 × 8mm	25pcs
HG10.176	HG10.176	Air filter for cooling aggregate size: 800 × 600 × 8mm	25pcs	HG11.176	HG11.176	Air filter for cooling aggregate size: 1050 × 1050 × 8mm	25pcs

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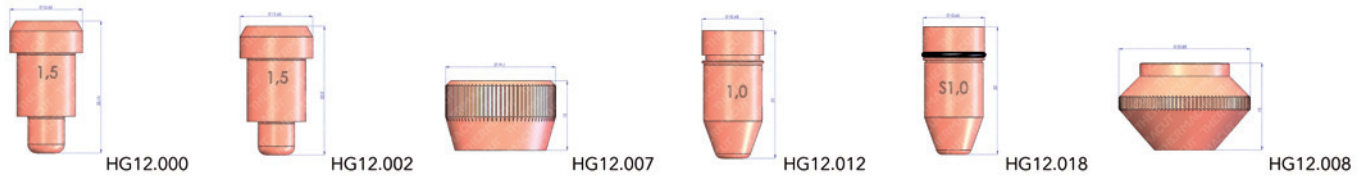
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REPLACEMENT PARTS SUITABLE FOR CINCINNATI®



Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG12.000	908090	Nozzle 1.5mm (0.060")	10pcs	HG12.018	923013	Nozzle 1.0mm (0.040")	10pcs
HG12.001	907469	Nozzle 1.0mm (0.040")	10pcs	HG12.019	923014	Nozzle 1.5mm (0.060")	10pcs
HG12.002	907470	Nozzle 1.5mm (0.060")	10pcs	HG12.020	924636	Nozzle 1.5mm (0.060")	10pcs
HG12.003	920006	Nozzle 2.0mm (0.080")	10pcs	HG12.021	924637	Nozzle 2.0mm (0.080")	10pcs
HG12.007	909659	Tip Lock Nut	1pc	HG12.022	909680	O-Ring Kit for Nozzle (10pcs)	1pc
HG12.008	963021	Tip Retainer Nut	1pc	HG12.004	907677	Nozzle Holder Contact	1pc
HG12.012	924635-1	Nozzle 1.0mm (0.040")	10pcs	HG12.005	907472	Nozzle Holder Contact with Gasket	1pc
HG12.013	909660	Nozzle 1.5mm (0.060")	10pcs	HG12.006	HG12006	Gasket PTFE with Spring	1pc
HG12.014	910315	Nozzle 2.0mm (0.080")	10pcs	HG12.009	923258	Nozzle Body	1pc
HG12.015	924638	Nozzle 2.5mm (0.100")	10pcs	HG12.010	923259	Insulator Ring	1pc
HG12.016	924634	Nozzle 3.0mm (0.120")	10pcs	HG12.011	909658	Tip Retainer Extension	1pc
HG12.017	924635	Nozzle 3.15mm (0.124")	10pcs				

LENSES SUITABLE FOR CINCINNATI®



Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG12.034	504211/HU	LensZnSe 2.0 PConvex	1	HG12.035	922376/HU	LensZnSe 2.0 PConvex	1
HG12.023	907557	LensZnSe 1.5 PConvex	1		922376-WD	LensZnSe 2.0 PConvex	1
HG12.024	908085	LensZnSe 1.5 PConvex	1	HG12.026	922377	LensZnSe 2.0 PConvex	1
HG12.031	908085/HU	LensZnSe 1.5 PConvex	1	HG12.033	922377/HU	LensZnSe 2.0 PConvex	1
HG12.025	909484	LensZnSe 1.5 PConvex	1		922377-WD	LensZnSe 2.0 PConvex	1
HG12.032	909484/HU	LensZnSe 1.5 PConvex	1	HG12.030	926274	LensZnSe 2.0 PConvex	1
HG12.028	922376	LensZnSe 2.0 PConvex	1				

PROTECTION WINDOWS SUITABLE FOR CINCINNATI®

Part No.	Ref. No.	Description	Std. Pkg.
HG12.036	HG12.036	Protection Window D38.10mm × ET = 1.60mm	1pc
HG12.037	HG12.037	Protection Window D38.10mm × ET = 6.0mm	1pc

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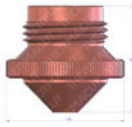
REPLACEMENT PARTS SUITABLE FOR LVD®



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PARTS FOR LVD® LASER



HG 10.202-259

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.202	D5241993	Nozzle 0.8mm (inside cylindrical)	1pc	HG10.203	HG10.203	Nozzle 1.2mm (inside conical)	1pc
HG10.250	D7945470	Nozzle 1.0mm (inside cylindrical)	1pc	HG10.259	D5241862	Nozzle 1.5mm (inside conical)	1pc
HG10.204	D5241982	Nozzle 1.2mm (inside cylindrical)	1pc	HG10.254	D5241855	Nozzle 2.0mm (inside conical)	1pc
HG10.251	D7945434	Nozzle 1.5mm (inside cylindrical)	1pc	HG10.253	D5241856	Nozzle 2.5mm (inside conical)	1pc
HG10.252	D7945452	Nozzle 2.0mm (inside cylindrical)	1pc	HG10.255	D5241857	Nozzle 3.0mm (inside conical)	1pc
HG10.257	D7945517	Nozzle 2.5mm (inside cylindrical)	1pc	HG10.256	D5241877	Nozzle 3.5mm (inside conical)	1pc
HG10.258	D5241863	Nozzle 1.0mm (inside conical)	1pc	HG10.249	D5241878	Nozzle 4.0mm (inside conical)	1pc

LENSES SUITABLE FOR LVD®

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.167/H	29100023	5.00" ZnSe Meniscus lens High pressure lens (29bar), 38.1mm Effective focal length: 127.0mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.167/HU	29100023UL	5.00" ZnSe Men. lens – ULTRA LOW High pressure lens (29bar), 38.1mm Effective focal length: 127.0mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG10.168/H	29100030	7.50" ZnSe Meniscus lens High pressure lens (29bar), 38.1mm Effective focal length: 190.5mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.168/HU	29100030UL	7.50" ZnSe Men. lens – ULTRA LOW High pressure lens (29bar), 38.1mm Effective focal length: 190.5mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG10.621/H	29100055	7.50" ZnSe Meniscus lens High pressure lens (28bar), 50.8mm Effective focal length: 190.5mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.621/HU	29100055UL	7.50" ZnSe Men. lens – ULTRA LOW High pressure lens (29bar), 50.8mm Effective focal length: 190.5mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG15.003/H	HG15.003/H	7.50" ZnSe Plano-convex lens High pressure lens (28bar), 50.8mm Effective focal length: 190.5mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG15.003/HU	HG15.003/HU	7.50" ZnSe Plano-con. – ULTRA LOW High pressure lens (28bar), 50.8mm Effective focal length: 190.5mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG10.622/H	29100061UL	10.00" ZnSe Meniscus lens High pressure lens (28bar), 50.8mm Effective focal length: 254.0mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.622/HU	29100061UL	10.00" ZnSe Men. lens – ULTRA LOW High pressure lens (28bar), 50.8mm Effective focal length: 254.0mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.13%)	1pc

ACCESSORIES SUITABLE FOR LVD®

Part No.	Ref. No.	Description	Std. Pkg.
HG10.174	HG10.174	Polish for laser optics, 100ml	1pc
HG10.173	HG10.173	Lens cleaning paper from TIFFEN®, sheet size 70 × 115mm	50pcs

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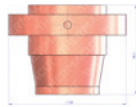
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REPLACEMENT PARTS SUITABLE FOR MAZAK®

MAZAK® XT510 HI-PRO™, NTX48™, TURBO 10KW™, SUPER TURBO 15KW™,
SUPER TURBO 20KW HI-PRO™, SUPER TURBO X510 HI-PRO™



HG 10.339

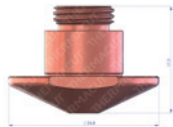


HG 10.341



HG 10.347

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.339	46683301100	Bracket	1pc	HG10.347	46683301160	Ring	1pc
HG10.341	46683300850	Nozzle Holder	1pc	HG10.353	HG10.353	Complete Nozzle Holder	1pc



HG 10.651-659

Standard copper nozzles

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.651	46683301950-1.0	Nozzle 1.0mm	10pcs	HG10.656	46683301960	Nozzle 2.5mm	10pcs
HG10.652	46683301950-1.2	Nozzle 1.2mm	10pcs	HG10.657	46683301970	Nozzle 3.0mm	10pcs
HG10.653	46683301950	Nozzle 1.5mm	10pcs	HG10.658	HG10.658	Nozzle 3.5mm	10pcs
HG10.654	46683301821	Nozzle 2.0mm	10pcs	HG10.659	HG10.659	Nozzle 4.0mm	10pcs
HG10.655	46683301821-2.2	Nozzle 2.2mm	10pcs				

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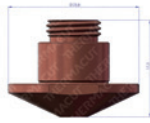
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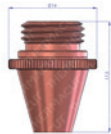
MAZAK® LASER CNC L32 PLUS SUPER CHARGE™, XT510™, NTX48™, TURBO 10KW™,
SUPER TURBO 15KW™, SUPER TURBO 20KW HI-PRO™, SUPER TURBO X510 HI-PRO™



HG 10.660

Double copper nozzles

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.660	HG10.660	Double-Nozzle 1.0mm	10pcs	HG10.664	HG10.664	Double-Nozzle 2.2mm	10pcs
HG10.661	HG10.661	Double-Nozzle 1.2mm	10pcs	HG10.665	HG10.665	Double-Nozzle 2.5mm	10pcs
HG10.662	HG10.662	Double-Nozzle 1.5mm	10pcs	HG10.666	HG10.666	Double-Nozzle 3.0mm	10pcs
HG10.663	HG10.663	Double-Nozzle 2.0mm	10pcs				



HG 10.323 - 326



HG 10.475 - 482

Adapter copper nozzles

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.323	46603350508K	Adapter Nozzle 0.8mm	10pcs	HG10.475	46603350508H	Adapter-6-edgenozzle 0.8mm	10pcs
HG10.307	46603350511K	Adapter Nozzle 1.0mm	10pcs	HG10.476	46603350511H	Adapter-6-edgenozzle 1.0mm	10pcs
HG10.309	46603350512K	Adapter Nozzle 1.2mm	10pcs	HG10.477	46603350512H	Adapter-6-edgenozzle 1.2mm	10pcs
HG10.310	46603350515K	Adapter Nozzle 1.5mm	10pcs	HG10.478	46603350515H	Adapter-6-edgenozzle 1.5mm	10pcs
HG10.324	46603350517K	Adapter Nozzle 1.7mm	10pcs	HG10.479	46603350517H	Adapter-6-edgenozzle 1.7mm	10pcs
HG10.318	46603350520K	Adapter Nozzle 2.0mm	10pcs	HG10.480	46603350520H	Adapter-6-edgenozzle 2.0mm	10pcs
HG10.308	46603350525K	Adapter Nozzle 2.5mm	10pcs	HG10.481	46603350525H	Adapter-6-edgenozzle 2.5mm	10pcs
HG10.325	46603350530K	Adapter Nozzle 3.0mm	10pcs	HG10.482	46603350530H	Adapter-6-edgenozzle 3.0mm	10pcs
HG10.303	46603350535K	Adapter Nozzle 3.5mm	10pcs				
HG10.326	46603350540K	Adapter Nozzle 4.0mm	10pcs				

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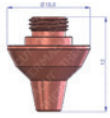
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MAZAK® 5" C/MG, MAZAK® 5" H/MG



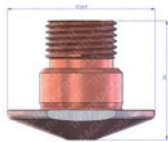
HG 10.286-290



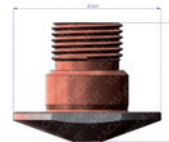
HG 10.291-297

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.461	4671330032	Ring for SPACE GEAR VESPEL®	1pc	HG10.291	HG10.291	Nozzle 1.0mm 2D	1pc
HG10.286	46713300290-10	Nozzle 1.0mm 3D (P0352-383-00010)	1pc	HG10.292	46713300310-1.2	Nozzle 1.2mm 2D	1pc
HG10.287	46713300290-12	Nozzle 1.2mm 3D (P0352-384-00012)	1pc	HG10.293	P0352-386-00015	Nozzle 1.5mm 2D (P0352-386-00015)	1pc
HG10.288	46713300290-15	Nozzle 1.5mm 3D (P0352-381-00015)	1pc	HG10.294	HG10.294	Nozzle 1.8mm 2D	1pc
HG10.289	HG10.289	Nozzle 1.8mm 3D	1pc	HG10.295	46713300300	Nozzle 2.0mm 2D (P0352-387-00020)	1pc
HG10.290	46713300310-2.0	Nozzle 2.0mm 3D (P0352-382-00020)	1pc	HG10.296	46713300300-25	Nozzle 2.5mm 2D	1pc
HG10.486	46713300280-25	Nozzle 2.5mm 3D (P0352-385-00025)	1pc	HG10.297	46713300300-30	Nozzle 3.0mm 2D	1pc
HG10.487	46713300280-30	Nozzle 3.0mm 3D	1pc				

HYPER GEAR NTX510™



HG 10.670-676



HG 10.677-683

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.685	HG10.685	Nozzle 1.0mm HCP	10pcs	HG10.677	HG10.677	Double Nozzle 1.2mm HCP	10pcs
HG10.670	46143304470	Nozzle 1.2mm HCP	10pcs	HG10.678	HG10.678	Double Nozzle 1.5mm HCP	10pcs
HG10.671	46143304450	Nozzle 1.5mm HCP	10pcs	HG10.679	HG10.679	Double Nozzle 2.0mm HCP	10pcs
HG10.672	46143304460	Nozzle 2.0mm HCP	10pcs	HG10.680	HG10.680	Double Nozzle 2.5mm HCP	10pcs
HG10.673	46143304480	Nozzle 2.5mm HCP	10pcs	HG10.681	HG10.681	Double Nozzle 3.0mm HCP	10pcs
HG10.674	46143304490	Nozzle 3.0mm HCP	10pcs	HG10.682	HG10.682	Double Nozzle 3.5mm HCP	10pcs
HG10.675	46143304500	Nozzle 3.5mm HCP	10pcs	HG10.683	HG10.683	Double Nozzle 4.0mm HCP	10pcs
HG10.676	46143304510	Nozzle 4.0mm HCP	10pcs				

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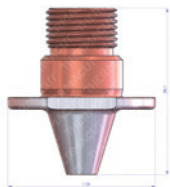
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REPLACEMENT PARTS SUITABLE FOR MAZAK®

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.629	36143304420	Nozzle Holder Hyper Gear	1 pc	HG10.642	46143307420	Retainer Nut	1 pc
HG10.630	36143304400	Coupler	1 pc	HG10.643	46683301180	Screw	1 pc
HG10.631	46143300230	Replacement Ball Kit (6pcs)	1 pc	HG10.644	46143304440	Insulator – PTFE	1 pc
HG10.632	46143304430	Spring Retainer	1 pc	HG10.645	46143300290	Retainer Nut	1 pc
HG10.633	46143308000	Spring Retainer – Steel	1 pc	HG10.646	46143300260	Insulator – PTFE	1 pc
HG10.634	46143300220	Spring	1 pc	HG10.647	46143300270	Insulator – PTFE	1 pc
HG10.635	36143303242	Body	1 pc	HG10.648	46143300280	Retainer Nut	1 pc
HG10.636	36143307980	Aluminium Body	1 pc	HG10.649	46143300320	Ring – Brass	1 pc
HG10.637	46603300030	Screw	1 pc	HG10.667	36143300332	Ring – Aluminum	1 pc
HG10.638	46143308170	Spacer	1 pc	HG10.668	HG10.668	Screw (4pcs)	1 pc
HG10.639	46143308190	Connector	1 pc	HG10.669	A06CB040200	Set Screw (4pcs)	1 pc
HG10.640	46143300240	Insulator – PTFE	1 pc	HG10.686		Complete Head (PTFE Spacer)	1 pc
HG10.641	46143304250	Retainer Nut	1 pc	HG10.687		Complete Head (PTFE Spacer)	1 pc



HG10.691



HG10.692/D

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.689		Nozzle 0.8mm Slim CP	10pcs	HG10.693/D		Nozzle 1.8mm Slim Double CP	10pcs
HG10.690		Nozzle 1.0mm Slim CP	10pcs	HG10.694/D	36143311510	Nozzle 2.0mm Slim Double CP	10pcs
HG10.691	46143310341	Nozzle 1.2mm Slim CP	10pcs	HG10.695/D		Nozzle 2.2mm Slim Double CP	10pcs
HG10.692	46143310351	Nozzle 1.5mm Slim CP	10pcs	HG10.696/D	36143311520	Nozzle 2.5mm Slim Double CP	10pcs
HG10.693		Nozzle 1.8mm Slim CP	10pcs	HG10.697/D	36143311530	Nozzle 3.0mm Slim Double CP	10pcs
HG10.694	46143310361	Nozzle 2.0mm Slim CP	10pcs	HG10.698/D		Nozzle 3.5mm Slim Double CP	10pcs
HG10.695		Nozzle 2.2mm Slim CP	10pcs	HG10.705	46603350521-0.8	Nozzle 0.8mm	10pcs
HG10.696	46143310371	Nozzle 2.5mm Slim CP	10pcs	HG10.706	46603350521-1.0	Nozzle 1.0mm	10pcs
HG10.697	46143310381	Nozzle 3.0mm Slim CP	10pcs	HG10.707	46603350521-1.2	Nozzle 1.2mm	10pcs
HG10.698	46143310391	Nozzle 3.5mm Slim CP	10pcs	HG10.708	46603350520-1.5	Nozzle 1.5mm	10pcs
HG10.699	46143310401	Nozzle 4.0mm Slim CP	10pcs	HG10.709	46603350521-1.7	Nozzle 1.7mm	10pcs
HG10.689/D		Nozzle 0.8mm Slim Double CP	10pcs	HG10.710	46603350522-2.0	Nozzle 2.0mm	10pcs
HG10.690/D		Nozzle 1.0mm Slim Double CP	10pcs	HG10.711	46603350522-2.5	Nozzle 2.5mm	10pcs
HG10.691/D		Nozzle 1.2mm Slim Double CP	10pcs	HG10.712	46683301281-3.0	Nozzle 3.0mm	10pcs
HG10.692/D	36143311500	Nozzle 1.5mm Slim Double CP	10pcs				

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LENSES SUITABLE FOR MAZAK®

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.167/H	HG10.167/H	5.00" ZnSe Meniscus lens High pressure lens (29bar), 38.1mm Effective focal length: 127.0mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG15.016/H	HG15.016/H	7.50" ZnSe Plano-convex lens High pressure lens (29bar), 38.1mm Effective focal length: 190.5mm Edge thickness: 7.6mm AR/AR for 10.6µm (absorption <0.20%)	1pc
HG10.620/H	HG10.620/H	5.00" ZnSe Meniscus lens High pressure lens (28bar), 50.8mm Effective focal length: 127.0mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.621/H	HG10.621/H	7.50" ZnSe Meniscus lens High pressure lens (28bar), 50.8mm Effective focal length: 190.5mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.20%)	1pc
HG15.015/H	HG15.015/H	5.00" ZnSe Plano-convex lens High pressure lens (28bar), 38.1mm Effective focal length: 127.0mm Edge thickness: 7.6mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG15.028/H	HG15.028/H	7.50" ZnSe Plano-convex lens High pressure lens (19bar), 50.8mm Effective focal length: 190.5mm Edge thickness: 7.87mm AR/AR for 10.6µm (absorption <0.20%)	1pc
HG15.024/H	HG15.024/H	5.00" ZnSe Plano-convex lens High pressure lens (33bar), 38.1mm Effective focal length: 127.0mm Edge thickness: 7.87mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG15.003/H	HG15.003/H	7.50" ZnSe Plano-convex lens High pressure lens (28bar), 50.8mm Effective focal length: 190.5mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.20%)	1pc
HG15.029/H	HG15.029/H	5.00" ZnSe Plano-convex lens High pressure lens (19bar), 50.8mm Effective focal length: 127.0mm Edge thickness: 7.87mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.622/H	HG10.622/H	10.00" ZnSe Meniscus lens High pressure lens (28bar), 50.8mm Effective focal length: 254.0mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.20%)	1pc
HG15.002/H	HG15.002/H	5.00" ZnSe Plano-convex lens High pressure lens (28bar), 50.8mm Effective focal length: 127.0mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.167/HU	HG10.167/HU	5.00" ZnSe Men. lens – ULTRA LOW High pressure lens (29bar), 38.1mm Effective focal length: 127.0mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG10.168/H	HG10.168/H	7.50" ZnSe Meniscus lens High pressure lens (29bar), 38.1mm Effective focal length: 190.5mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.168/HU	HG10.168/HU	7.50" ZnSe Men. lens – ULTRA LOW High pressure lens (29bar), 38.1mm Effective focal length: 190.5mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.13%)	1pc

ACCESSORIES SUITABLE FOR MAZAK®

Part No.	Ref. No.	Description	Std. Pkg.
HG10.174	HG10.174	Polish for laser optics, 100ml	1pc
HG10.173	HG10.173	Lens cleaning paper from TIFFEN®, sheet size 70 × 115mm	50pcs

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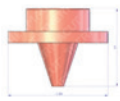
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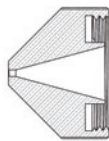
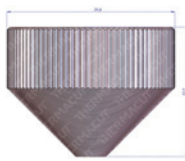
HG 12.500-529



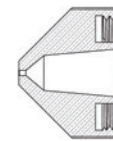
HG 12.505

Double copper inserts

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG12.500	W390	Double Nozzle Insert 4-holes	10pcs	HG12.503	W388	Double Nozzle Insert 16-holes	10pcs
HG12.528	W270-6	Double Nozzle Insert 6-holes	10pcs	HG12.529	W389	Double Nozzle Insert 20-holes	10pcs
HG12.501	W270	Double Nozzle Insert 8-holes	10pcs	HG12.504	W515	Double Nozzle Insert 24-holes	10pcs
HG12.502	W387	Double Nozzle Insert 12-holes	10pcs	HG12.505	W269	Double Nozzle	1pc



W1628



W1627B

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG12.540	W1626	Nozzle 1.0mm	10pcs	HG12.546	W1630	Nozzle 2.5mm	10pcs
HG12.560	W1626B	Nozzle 1.0mm, Low Pressure	10pcs	HG12.564	W1630B	Nozzle 2.5mm, Low Pressure	10pcs
HG12.541	W1627	Nozzle 1.2mm	1pc	HG12.550	W1664	Nozzle 3.0mm	1pc
HG12.542	W1627B	Nozzle 1.2mm, Low Pressure	10pcs	HG12.565	W1664B	Nozzle 3.0mm, Low Pressure	10pcs
HG12.543	W1628	Nozzle 1.5mm	10pcs	HG12.551	W1665	Nozzle 3.5mm	10pcs
HG12.561	W1628B	Nozzle 1.5mm, Low Pressure	10pcs	HG12.566	W1665B	Nozzle 3.5mm, Low Pressure	10pcs
HG12.544	W1661	Nozzle 1.7mm	10pcs	HG12.552	W1666	Nozzle 4.0mm	10pcs
HG12.562	W1661B	Nozzle 1.7mm, Low Pressure	10pcs	HG12.567	W1666B	Nozzle 4.0mm, Low Pressure	10pcs
HG12.545	W1629	Nozzle 2.0mm	10pcs	HG12.553	W1663	Nozzle 5.0mm	1pc
HG12.563	W1629B	Nozzle 2.0mm, Low Pressure	10pcs				



HG 12.506-522

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG12.506	HG12.506	Nozzle 1.0mm	10pcs	HG12.522	W268-4.0	Nozzle 4.0mm	10pcs
HG12.507	W266	Nozzle 1.5mm	10pcs	HG12.532	71800016A0	Nozzle 1.0mm	10pcs
HG12.508	W267	Nozzle 2.0mm	10pcs	HG12.520	W777	Nozzle 1.2mm	10pcs
HG12.509	W776	Nozzle 2.5mm	10pcs	HG12.530	HG12.530	Nozzle Nut Short (15mm)	1pc
HG12.521	W268-3.5	Nozzle 3.5mm	10pcs				

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Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG15.015/H	W500	5.00" ZnSe Plano-convex lens High pressure lens (29bar), 38.1mm Effective focal length: 127.0mm Edge thickness: 7.6mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG15.029/H	HG15.029/H	5.00" ZnSe Plano-convex lens High pressure lens (19bar), 50.8mm Effective focal length: 127.0mm Edge thickness: 7.87mm AR/AR for 10.6µm (absorption <0.20%)	1pc
HG15.024/H	W505	5.00" ZnSe Plano-convex lens High pressure lens (33bar), 38.1mm Effective focal length: 127.0mm Edge thickness: 7.87mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG15.002/H	W813	5.00" ZnSe Plano-convex lens High pressure lens (28bar), 50.8mm Effective focal length: 127.0mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.20%)	1pc
HG15.028/H	W510	5.00" ZnSe Plano-convex lens High pressure lens (19bar), 50.8mm Effective focal length: 190.5mm Edge thickness: 7.87mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG15.029/HU	W505	5.00" ZnSe Plan.-con. – ULTRA LOW High pressure lens (19bar), 50.8mm Effective focal length: 127.0mm Edge thickness: 7.87mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG15.016/H	HG15.016/H	7.50" ZnSe Plano-convex lens High pressure lens (29bar), 38.1mm Effective focal length: 190.5mm Edge thickness: 7.6mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG15.002/HU	W813	5.00" ZnSe Plan.-con. – ULTRA LOW High pressure lens (19bar), 50.8mm Effective focal length: 127.0mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG15.003/H	W015	7.50" ZnSe Plano-convex lens High pressure lens (29bar), 50.8mm Effective focal length: 190.5mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG15.028/HU	W510UL	7.50" ZnSe Plan.-con. – ULTRA LOW High pressure lens (19bar), 50.8mm Effective focal length: 190.5mm Edge thickness: 7.87mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG15.015/HU	W500	5.00" ZnSe Plan.-con. – ULTRA LOW High pressure lens (29bar), 38.1mm Effective focal length: 127.0mm Edge thickness: 7.6mm AR/AR for 10.6µm (absorption <0.13%)	1pc	HG15.003/HU	W015UL	7.50" ZnSe Plan.-con. – ULTRA LOW High pressure lens (28bar), 50.8mm Effective focal length: 190.5mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.13%)	1pc

ACCESSORIES SUITABLE FOR MITSUBISHI®

Part No.	Ref. No.	Description	Std. Pkg.
HG10.174	HG10.174	Polish for laser optics, 100ml	1pc
HG10.173	HG10.173	Lens cleaning paper from TIFFEN®, sheet size 70 × 115mm	50pcs
HG15.136	HG15.136	Latex gloves	100pcs

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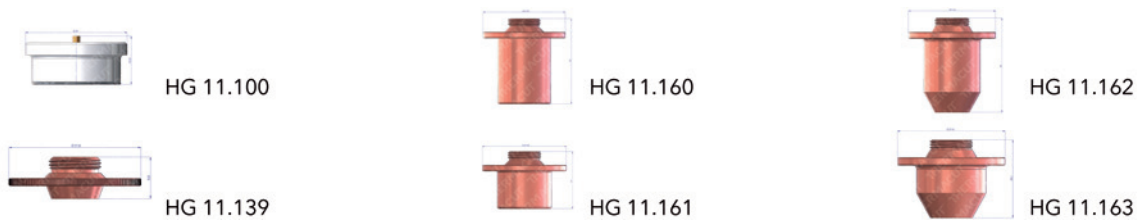
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Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG11.100	P0571-1051-00001	Ceramic Nozzle Holder	1pc	HG11.162	004.4312.041	Nozzle Adapter for TRUMPF®	1pc
HG11.139	HG11.139	Nozzle Adapter for TRUMPF®	1pc			Length 30mm – TLC®	
		Flatbed		HG11.163	004.4312.034	Nozzle Adapter for TRUMPF®	1pc
						Length 20mm – TLC®	
HG11.160	004.4312.040	Nozzle Adapter for TRUMPF®	1pc				
		Length 29mm – Flatbed					
HG11.161	004.4312.032	Nozzle Adapter for TRUMPF®	1pc				
		Length 19mm – Flatbed					



Standard copper nozzles / Double copper nozzles

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG11.120	P0571-291-00010	Nozzle 1.0mm	10pcs	HG11.300	P0591-002-00010	Double Nozzle 1.0mm	10pcs
HG11.121	P0571-292-00012	Nozzle 1.2mm	10pcs	HG11.301	P0591-002-00012	Double Nozzle 1.2mm	10pcs
HG11.122	P0571-293-00015	Nozzle 1.5mm	10pcs	HG11.302	P0591-002-00015	Double Nozzle 1.5mm	10pcs
HG11.123	P0571-294-00018	Nozzle 1.8mm	10pcs	HG11.303	P0591-002-00018	Double Nozzle 1.8mm	10pcs
HG11.124	P0571-295-00020	Nozzle 2.0mm	10pcs	HG11.304	P0591-002-00020	Double Nozzle 2.0mm	10pcs
HG11.125	P0571-297-00025	Nozzle 2.5mm	10pcs	HG11.305	P0591-002-00023	Double Nozzle 2.3mm	10pcs
HG11.129	P0591-673-00008	Nozzle 0.8mm	10pcs	HG11.306	P0591-002-00025	Double Nozzle 2.5mm	10pcs
HG11.130	P0591-571-00010	Nozzle 1.0mm	10pcs	HG11.307	P0591-002-00030	Double Nozzle 3.0mm	10pcs
HG11.131	P0591-572-00012	Nozzle 1.2mm	10pcs	HG11.308	P0591-002-00035	Double Nozzle 3.5mm	10pcs
HG11.132	P0591-573-00015	Nozzle 1.5mm	10pcs	HG11.150	P0571-281-00010	Nozzle 1.0mm	10pcs
HG11.133	P0591-574-00018	Nozzle 1.8mm	10pcs	HG11.151	P0571-282-00012	Nozzle 1.2mm	10pcs
HG11.134	P0591-575-00020	Nozzle 2.0mm	10pcs	HG11.152	P0571-283-00015	Nozzle 1.5mm	10pcs
HG11.135	HG11.135	Nozzle 2.3mm	10pcs	HG11.153	HG11.153	Nozzle 1.8mm	10pcs
HG11.136	P0591-576-00025	Nozzle 2.5mm	10pcs	HG11.154	P0571-285-00020	Nozzle 2.0mm	10pcs
HG11.137	HG11.137	Nozzle 2.7mm	10pcs	HG11.155	HG11.155	Nozzle 2.2mm	10pcs
HG11.138	P0591-577-00030	Nozzle 3.0mm	10pcs	HG11.156	P0571-286-00025	Nozzle 2.5mm	10pcs
HG11.128	HG11.128	Nozzle 3.5mm	10pcs	HG11.157	HG11.157	Nozzle 2.7mm	10pcs
HG11.127	P0591-578-00040	Nozzle 4.0mm	10pcs	HG11.158	HG11.158	Nozzle 3.0mm	10pcs
HG11.126	P0591-579-00050	Nozzle 5.0mm	10pcs				

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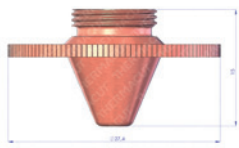
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HG 11.101

Standard copper nozzles

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG11.101	P0591-569-00008	Nozzle 0.8mm	10pcs	HG11.106	P0591-565-00020	Nozzle 2.0mm	10pcs
HG11.102	P0591-561-00010	Nozzle 1.0mm	10pcs	HG11.107	HG11.107	Nozzle 2.2mm	10pcs
HG11.103	P0591-562-00012	Nozzle 1.2mm	10pcs	HG11.108	P0591-566-00025	Nozzle 2.5mm	10pcs
HG11.104	P0591-563-00015	Nozzle 1.5mm	10pcs	HG11.109	HG11.109	Nozzle 2.7mm	10pcs
HG11.105	P0591-564-00018	Nozzle 1.8mm	10pcs	HG11.110	P0591-568-00030	Nozzle 3.0mm	10pcs



HG11.020-024

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG11.020	P0578-0411-00010	Nozzle 1.0mm	10pcs	HG11.023	P0578-0414-00018	Nozzle 1.8mm	10pcs
HG11.021	P0578-0412-00012	Nozzle 1.2mm	10pcs	HG11.024	P0578-0415-00020	Nozzle 2.0mm	10pcs
HG11.022	P0578-0413-00015	Nozzle 1.5mm	10pcs				



HG 11.140-147

Long copper nozzles

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG11.140	P0573-563-00010	Long Nozzle 1.0mm	10pcs	HG11.144	P0573-564-00020	Long Nozzle 2.0mm	10pcs
HG11.141	P0573-563-00012	Long Nozzle 1.2mm	10pcs	HG11.145	P0573-565-00023	Long Nozzle 2.3mm	10pcs
HG11.142	P0573-563-00015	Long Nozzle 1.5mm	10pcs	HG11.146	P0573-566-00025	Long Nozzle 2.5mm	10pcs
HG11.143	HG11.143	Long Nozzle 1.8mm	10pcs	HG11.147	HG11.147	Long Nozzle 3.0mm	10pcs

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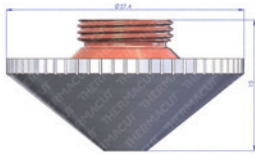
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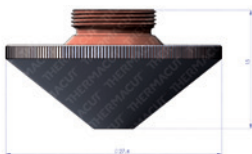
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HG 11.129/C-138/C

Standard copper nozzles with chromium plating

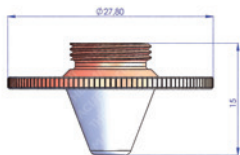
Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG11.129/C	P0591-673-00008CP	Nozzle 0.8mm HCP	10pcs	HG11.135/C	HG11.135CP	Nozzle 2.3mm HCP	10pcs
HG11.130/C	P0591-571-00010CP	Nozzle 1.0mm HCP	10pcs	HG11.136/C	P0591-576-00025CP	Nozzle 2.5mm HCP	10pcs
HG11.131/C	P0591-572-00012CP	Nozzle 1.2mm HCP	10pcs	HG11.137/C	HG11.137CP	Nozzle 2.7mm HCP	10pcs
HG11.132/C	P0591-573-00015CP	Nozzle 1.5mm HCP	10pcs	HG11.138/C	P0591-577-00030CP	Nozzle 3.0mm HCP	10pcs
HG11.133/C	P0591-574-00018CP	Nozzle 1.8mm HCP	10pcs	HG11.128/C	HG11.128CP	Nozzle 3.5mm HCP	10pcs
HG11.134/C	P0591-575-00020CP	Nozzle 2.0mm HCP	10pcs				



HG 11.300/C-308/C

Double copper nozzles with chromium plating

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG11.300/C	P0591-002-00010CP	Double Nozzle 1.0mm HCP	10pcs	HG11.305/C	P0591-002-00023CP	Double Nozzle 2.3mm HCP	10pcs
HG11.301/C	P0591-002-00012CP	Double Nozzle 1.2mm HCP	10pcs	HG11.306/C	P0591-002-00025CP	Double Nozzle 2.5mm HCP	10pcs
HG11.302/C	P0591-002-00015CP	Double Nozzle 1.5mm HCP	10pcs	HG11.307/C	P0591-002-00030CP	Double Nozzle 3.0mm HCP	10pcs
HG11.303/C	P0591-002-00018CP	Double Nozzle 1.8mm HCP	10pcs	HG11.308/C	P0591-002-00035CP	Double Nozzle 3.5mm HCP	10pcs
HG11.304/C	P0591-002-00020CP	Double Nozzle 2.0mm HCP	10pcs				



HG11.101/C-110/C

Standard copper nozzles with chromium plating

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG11.101/C	P0591-569-00008CP	Nozzle 0.8mm HCP	10pcs	HG11.106/C	P0591-565-00020CP	Nozzle 2.0mm HCP	10pcs
HG11.102/C	P0591-561-00010CP	Nozzle 1.0mm HCP	10pcs	HG11.107/C	HG11.107CP	Nozzle 2.2mm HCP	10pcs
HG11.103/C	P0591-562-00012CP	Nozzle 1.2mm HCP	10pcs	HG11.108/C	P0591-566-00025CP	Nozzle 2.5mm HCP	10pcs
HG11.104/C	P0591-563-00015CP	Nozzle 1.5mm HCP	10pcs	HG11.109/C	HG11.109CP	Nozzle 2.7mm HCP	10pcs
HG11.105/C	P0591-564-00018CP	Nozzle 1.8mm HCP	10pcs	HG11.110/C	P0591-568-00030CP	Nozzle 3.0mm HCP	10pcs

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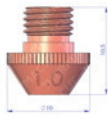
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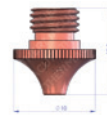
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REPLACEMENT PARTS SUITABLE FOR Precitec®

Precitec® (Weidmüller®) 5" KN/MG



HG 10.217-223



HG 10.225-221

Standard copper nozzels with chromium plating

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.217	P0494-853-00010	Nozzle 1.0mm	10pcs	HG10.008	HG10.008	Teach Nozzle 0.25mm Rough Edged	1pc
HG10.208	P0494-854-00012	Nozzle 1.2mm	10pcs	HG10.225	HG10.225	Slop-Cutting Nozzle 1.0mm	10pcs
HG10.218	P0494-855-00015	Nozzle 1.5mm	10pcs	HG10.226	HG10.226	Slop-Cutting Nozzle 1.2mm	10pcs
HG10.222	P0494-856-00017	Nozzle 1.7mm	10pcs	HG10.220	HG10.220	Slop-Cutting Nozzle 1.4mm	10pcs
HG10.223	P0494-857-00020	Nozzle 2.0mm	10pcs	HG10.221	HG10.221	Slop-Cutting Nozzle 1.7mm	10pcs

Precitec® DE YR30



HG11.010-014

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG11.010	P0787-481-00010	Nozzle 1.0mm	10pcs	HG11.013	P0787-1002-00017	Nozzle 1.7mm	10pcs
HG11.011	P0787-482-00012	Nozzle 1.2mm	10pcs	HG11.014	P0787-1001-00020	Nozzle 2.0mm	10pcs
HG11.012	P0787-483-00015	Nozzle 1.5mm	10pcs				

LENSES SUITABLE FOR Precitec®





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Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.731/H	HG10.731/H	5.00" ZnSe Meniscus lens High pressure lens (20bar), 38.1mm Effective focal length: 127.0mm Edge thickness: 6.0mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.166/H	HG10.166/H	3.75" ZnSe Meniscus lens High pressure lens (29bar), 38.1mm Effective focal length: 95.3mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.20%)	1pc
HG10.732/H	HG10.732/H	7.50" ZnSe Meniscus lens High pressure lens (20bar), 38.1mm Effective focal length: 190.5mm Edge thickness: 6.0mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.167/H	HG10.167/H	5.00" ZnSe Meniscus lens High pressure lens (29bar), 38.1mm Effective focal length: 127.0mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.20%)	1pc

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Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.168/H	HG10.168/H	7.50" ZnSe Meniscus lens High pressure lens (29bar), 38.1mm Effective focal length: 190.5mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.168/HU	HG10.168/HU	7.50" ZnSe Men. lens – ULTRA LOW High pressure lens (29bar), 38.1mm Effective focal length: 190.5mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG10.733/H	HG10.733/H	5.00" ZnSe Meniscus lens High pressure lens (42bar), 38.1mm Effective focal length: 127.0mm Edge thickness: 9.0mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG15.003/HU	HG15.003/HU	7.50" ZnSe Plan.-con. – ULTRA LOW High pressure lens (28bar), 50.8mm Effective focal length: 190.5mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG10.734/H	HG10.734/H	7.50" ZnSe Meniscus lens High pressure lens (42bar), 38.1mm Effective focal length: 190.5mm Edge thickness: 9.0mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.733/HU	HG10.733/HU	5.00" ZnSe Men. lens – ULTRA LOW High pressure lens (42bar), 38.1mm Effective focal length: 127.0mm Edge thickness: 9.0mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG10.620/H	HG10.620/H	5.00" ZnSe Meniscus lens High pressure lens (42bar), 50.8mm Effective focal length: 127.0mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.734/HU	HG10.734/HU	7.50" ZnSe Men. lens – ULTRA LOW High pressure lens (42bar), 38.1mm Effective focal length: 190.5mm Edge thickness: 9.0mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG10.621/H	HG10.621/H	7.50" ZnSe Meniscus lens High pressure lens (28bar), 50.8mm Effective focal length: 190.5mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.620/HU	HG10.620/HU	5.00" ZnSe Men. lens – ULTRA LOW High pressure lens (28bar), 50.8mm Effective focal length: 127.0mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG15.002/H	HG15.002/H	5.00" ZnSe Plano-convex lens High pressure lens (28bar), 50.8mm Effective focal length: 127.0mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.621/HU	HG10.621/HU	7.50" ZnSe Men. lens – ULTRA LOW High pressure lens (28bar), 50.8mm Effective focal length: 190.5mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG15.003/H	HG15.003/H	7.50" ZnSe Plano-convex lens High pressure lens (28bar), 50.8mm Effective focal length: 190.5mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG15.002/HU	HG15.002/HU	5.00" ZnSe Plan.-con. – ULTRA LOW High pressure lens (28bar), 50.8mm Effective focal length: 127.0mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG10.167/HU	HG10.167/HU	5.00" ZnSe Men. lens – ULTRA LOW High pressure lens (29bar), 38.1mm Effective focal length: 127.0mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.13%)	1pc				

Last update of this page: 28/02/2019. See Revision history for details.

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REPLACEMENT PARTS SUITABLE FOR Precitec®

PROTECTION WINDOWS SUITABLE FOR Precitec®

Part No.	Ref. No.	Description	Std. Pkg.
HG17.511	HG17.511	Protection Window D50.00mm × ET = 2.0mm suitable for Precitec®	1 pc
HG17.514	HG17.514	Protection Window D25.40mm × ET = 4.0mm suitable for Precitec®	1 pc
HG17.524	P0595-56801	Protection Window D37.00mm × ET = 7.0mm suitable for Precitec®	1 pc
HG17.525	HG17.525	Protection Window D21.50mm × ET = 2.0mm suitable for Precitec®	1 pc
HG17.526	766719	Protection Window D30.00mm × ET = 5.0mm suitable for TRUMPF®	1 pc
HG17.527	HG17.527	Protection Window D30.00mm × ET = 1.50mm YW30 suitable for Precitec®	1 pc
HG17.512	P0589-360-00001	Protection Window D22.35mm × ET = 4.0mm suitable for Precitec®	1 pc

ACCESSORIES SUITABLE FOR Precitec®

Part No.	Ref. No.	Description	Std. Pkg.
HG10.174	HG10.174	Polish for laser optics, 100ml	1 pc
HG10.173	HG10.173	Lens cleaning paper from TIFFEN®, sheet size 70 × 115mm	50pcs

Last update of this page: 07/04/2017. See Revision history for details.

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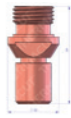
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REPLACEMENT PARTS SUITABLE FOR PRIMA POWER®



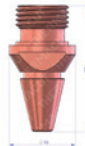
HG 10.363-371



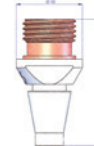
HG 10.450, 451

Standard copper nozzles

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.363	485.73.114C	Nozzle 1.5mm (485.73.321)	10pcs	HG10.450	HG10.450	Nozzle 2.0mm	10pcs
HG10.370	485.73.114E	Nozzle 2.0mm (485.73.322)	10pcs	HG10.451	HG10.451	Nozzle 2.5mm	10pcs
HG10.371	485.73.114F	Nozzle 2.5mm (485.73.323)	10pcs				

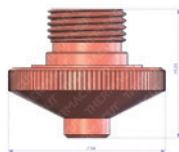


HG 10.367-373



HG 11.367-373

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.367	485.73.115A	Nozzle 1.5mm (485.73.331)	10pcs	HG11.367	485.73.451	Nozzle 1.5mm	10pcs
HG10.369	485.73.115C	Nozzle 2.0mm (485.73.333)	10pcs	HG11.369	485.73.452	Nozzle 2.0mm	10pcs
HG10.373	485.73.115F	Nozzle 2.5mm	10pcs	HG11.373	485.73.453	Nozzle 2.5mm	10pcs

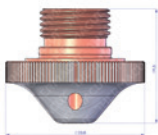


HG 10.380-383



HG 10.454-457

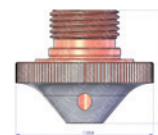
Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.380	LW6.1E.111	Nozzle 1.5mm	10pcs	HG10.454	LW6.1G.600	Nozzle 1.5mm	10pcs
HG10.381	LW6.1E.112	Nozzle 2.0mm	10pcs	HG10.455	LW6.1G.601	Nozzle 2.0mm	10pcs
HG10.382	LW6.1E.113	Nozzle 2.5mm	10pcs	HG10.456	LW6.1G.602	Nozzle 2.5mm	10pcs
HG10.383	LW6.1E.114	Nozzle 3.0mm	10pcs	HG10.457	LW6.1G.603	Nozzle 3.0mm	10pcs



HG 10.780-784



HG10.777



HG 10.778-779

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.777	LW6.1G.650	Nozzle 3.0mm CP	10pcs	HG10.781	HG10.781	Nozzle 1.75mm CP	10pcs
HG10.778	LW6.1G.608	Nozzle 3.0mm CP	10pcs	HG10.782	LW6.1G.605	Nozzle 2.0mm CP	10pcs
HG10.779	LW6.1G.609	Nozzle 3.5mm CP	10pcs	HG10.783	LW6.1G.606	Nozzle 2.5mm CP	10pcs
HG10.780	LW6.1G.604	Nozzle 1.5mm CP	10pcs	HG10.784	LW6.1G.607	Nozzle 3.0mm CP	10pcs

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG11.366/C	HG11.366CP	Nozzle 1.2mm	10pcs	HG11.369/C	485.73.452CP	Nozzle 2.0mm	10pcs
HG11.367/C	485.73.451CP	Nozzle 1.5mm	10pcs	HG11.373/C	485.73.453CP	Nozzle 2.5mm	10pcs

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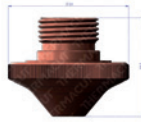
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REPLACEMENT PARTS SUITABLE FOR PRIMA POWER®



HG 11.380/C-383/C

Domino copper nozzels with chromium plating

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG11.380/C	1059.70000.008	Double Nozzle 1.2mm HCP	10pcs	HG11.382/C	1059.70000.005	Double Nozzle 2.0mm HCP	10pcs
HG11.381/C	1059.70000.004	Double Nozzle 1.5mm HCP	10pcs	HG11.383/C	1059.70000.006	Double Nozzle 2.5mm HCP	10pcs



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VIDEO AVAILABLE AT YOUTUBE CHANNEL ▶



LENSES SUITABLE FOR PRIMA POWER®

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.733/H	HG10.733/H	5.00" ZnSe Meniscus lens High pressure lens (42bar), 38.1mm Effective focal length: 127.0mm Edge thickness: 9.0mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.733/HU	HG10.733/HU	5.00" ZnSe Men. lens – ULTRA LOW High pressure lens (42bar), 38.1mm Effective focal length: 127.0mm Edge thickness: 9.0mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG10.734/H	HG10.734/H	7.50" ZnSe Meniscus lens High pressure lens (42bar), 38.1mm Effective focal length: 190.5mm Edge thickness: 9.0mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.734/HU	HG10.734/HU	7.50" ZnSe Men. lens – ULTRA LOW High pressure lens (42bar), 38.1mm Effective focal length: 190.5mm Edge thickness: 9.0mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG10.620/H	HG10.620/H	5.00" ZnSe Meniscus lens High pressure lens (28bar), 50.8mm Effective focal length: 127.0mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.620/HU	HG10.620/HU	5.00" ZnSe Men. lens – ULTRA LOW High pressure lens (28bar), 50.8mm Effective focal length: 127.0mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG10.621/H	HG10.621/H	7.50" ZnSe Meniscus lens High pressure lens (28bar), 50.8mm Effective focal length: 190.5mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.621/HU	HG10.621/HU	7.50" ZnSe Men. lens – ULTRA LOW High pressure lens (28bar), 50.8mm Effective focal length: 190.5mm Edge thickness: 9.7mm AR/AR for 10.6µm (absorption <0.13%)	1pc

PROTECTION WINDOWS SUITABLE FOR PRIMA POWER®

Part No.	Ref. No.	Description	Std. Pkg.
HG17.520	HG17.520	Protection Window D38.00mm × ET = 2.0mm	1pc

ACCESSORIES SUITABLE FOR PRIMA POWER®

Part No.	Ref. No.	Description	Std. Pkg.
HG10.174	HG10.174	Polish for laser optics, 100ml	1pc
HG10.173	HG10.173	Lens cleaning paper from TIFFEN®, sheet size 70 × 115mm	50pcs

Last update of this page: 30/05/2018. See Revision history for details.

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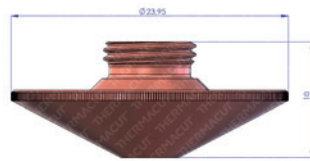
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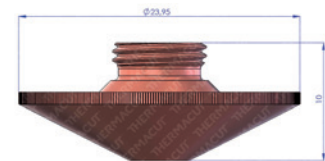
REPLACEMENT PARTS SUITABLE FOR TRUMPF®



HG 10.150 - 158



HG 10.152



HG 10.159

Standard copper nozzles / Standard copper nozzles with hard chromium plating

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.150	0124561	Nozzle ECE 0.8mm	10pcs	HG10.154	0237501	Nozzle ECE 1.7mm	10pcs
HG10.150/C	0352280	Nozzle ECE 0.8mm HCP	10pcs	HG10.154/C	0352284	Nozzle ECE 1.7mm HCP	10pcs
HG10.151	0124562	Nozzle ECE 1.0mm	10pcs	HG10.155	1253211	Nozzle ECE 2.0mm	10pcs
HG10.151/C	0352281	Nozzle ECE 1.0mm HCP	10pcs	HG10.155/C	1253212	Nozzle ECE 2.0mm HCP	10pcs
HG10.148	0966809	Nozzle ECE 1.2mm	10pcs	HG10.158	0126933	Nozzle ECE 2.3mm	10pcs
HG10.148/C	0352282	Nozzle ECE 1.2mm HCP	10pcs	HG10.158/C	0352285	Nozzle ECE 2.3mm HCP	10pcs
HG10.152	0237497	Nozzle ECE 1.4mm with step	10pcs	HG10.156	HG10.156	Nozzle ECE 2.5mm	10pcs
HG10.152/C	0352283	Nozzle ECE 1.4mm HCP	10pcs	HG10.149	0942742	Nozzle ECE 2.7mm	10pcs
HG10.159	237497-S	Nozzle ECE 1.4mm with Straith Taper	10pcs	HG10.149/C	0352286	Nozzle ECE 2.7mm HCP	10pcs
HG10.153	237500	Nozzle ECE 1.5mm	10pcs	HG10.157	0237504	Nozzle ECE 3.0mm	10pcs



HG 10.130-137

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.130	1277773	Nozzle 0.8mm	10pcs	HG10.134	1277779	Nozzle 1.7mm	10pcs
HG10.131	1277771	Nozzle 1.0mm	10pcs	HG10.135	1277780	Nozzle 2.0mm	10pcs
HG10.132	1277774	Nozzle 1.2mm	10pcs	HG10.136	1277781	Nozzle 2.3mm	10pcs
HG10.133	1277776	Nozzle 1.4mm	10pcs	HG10.137	1277782	Nozzle 2.7mm	10pcs

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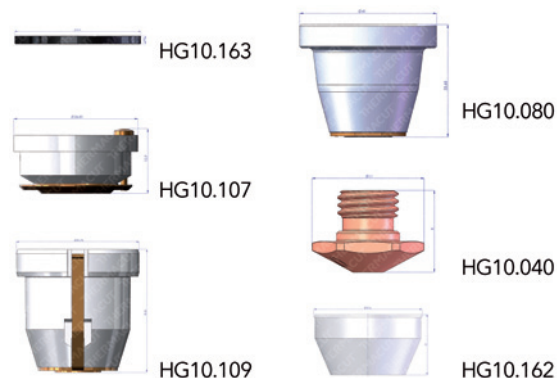
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REPLACEMENT PARTS SUITABLE FOR TRUMPF®

Part No.	Ref. No.	Description	Std. Pkg.
HG10.163	234485	Break Away Bar	1 pc
HG10.107	0258809	Ceramic Nozzle Holder (Lasermatic®)	1 pc
HG10.109	0260432	Ceramic Nozzle Holder DIAS III	1 pc
HG10.080	1755673	Nozzle Holder M12	1 pc
HG10.040	1589610	Nozzle – 2.0mm Blow Off	1 pc
HG10.162	256153	PTFE Cover DIAS III White	1 pc
HG10.162/1	0955826	PTFE Cover DIAS III Black	1 pc



Part No.	Ref. No.	Description	Std. Pkg.
HG10.031	0936678	Ceramic Nozzle Holder	1 pc

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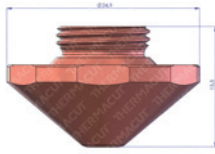
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REPLACEMENT PARTS SUITABLE FOR TRUMPF®



HG 10.060-067



HG 10.070-077

Part No.	Ref. No.	Description	Std. Pkg.
HG10.060	1324858	Nozzle EAA 0.8mm	10pcs
HG10.061	1324860	Nozzle EAA 1.0mm	10pcs
HG10.062	1324861	Nozzle EAA 1.2mm	10pcs
HG10.063	1324863	Nozzle EAA 1.4mm	10pcs
HG10.064	1324864	Nozzle EAA 1.7mm	10pcs
HG10.065	1324865	Nozzle EAA 2.0mm	10pcs
HG10.066	1324866	Nozzle EAA 2.3mm	10pcs
HG10.067	1324867	Nozzle EAA 2.7mm	10pcs

Part No.	Ref. No.	Description	Std. Pkg.
HG10.070	1373324	Nozzle EAB 0.8mm	10pcs
HG10.071	1373325	Nozzle EAB 1.0mm	10pcs
HG10.072	1373326	Nozzle EAB 1.2mm	10pcs
HG10.073	1373327	Nozzle EAB 1.4mm	10pcs
HG10.074	1373328	Nozzle EAB 1.7mm	10pcs
HG10.075	1373329	Nozzle EAB 2.0mm	10pcs
HG10.076	1373330	Nozzle EAB 2.3mm	10pcs
HG10.077	1373331	Nozzle EAB 2.7mm	10pcs

PARTS FOR TRUMPF® BRIGHTLINE™ SERIES AND COOLLINE™ SERIES



HG10.081-083



HG10.084



HG10.085



HG10.086-088

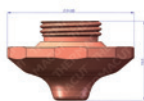


HG10.089-091

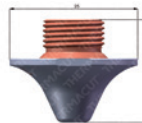
Part No.	Ref. No.	Description	Std. Pkg.
HG10.081	1664569	BrightLine™ Nozzle EAN 1.7mm	1pc
HG10.082	1664602	BrightLine™ Nozzle EAN 2.0mm	1pc
HG10.083	1664625	BrightLine™ Nozzle EAN 2.5mm	1pc
HG10.084	1835747	BrightLine™ Nozzle EAK 4.0mm	1pc
HG10.085	1633046	BrightLine™ Nozzle EAC 5.3mm	1pc
HG10.086	1809091	BrightLine™ Nozzle EAQ 6.0mm	1pc

Part No.	Ref. No.	Description	Std. Pkg.
HG10.087	1809421	BrightLine™ Nozzle EAQ 7.5mm	1pc
HG10.088	1886199	BrightLine™ Nozzle EAQ 9.5mm	1pc
HG10.089	1774018	CoolLine™ Nozzle EFL 1.4mm	1pc
HG10.090	1774020	CoolLine™ Nozzle EFL 2.0mm	1pc
HG10.091	1774092	CoolLine™ Nozzle EFL 2.3mm	1pc

PARTS FOR TRUMPF® PERFORMANCE™ SERIES



HG10.096-099



HG10.041

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.096	2059462	Nozzle EAU 2.5mm	10pcs	HG10.099	2060025	Nozzle EAU 6.0mm	10pcs
HG10.097	2060001	Nozzle EAU 3.0mm	10pcs	HG10.041	2253595	Nozzle EAU 10.0mm	10pcs
HG10.098	2060004	Nozzle EAU 4.0mm	10pcs				

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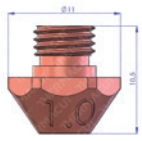
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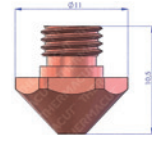
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REPLACEMENT PARTS SUITABLE FOR TRUMPF®



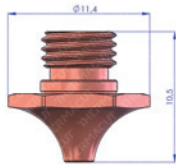
HG 10.010



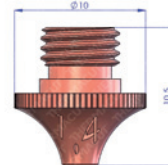
HG 10.013

Part No.	Ref. No.	Description	Std. Pkg.
HG10.036	1354230	Nozzle EBD 0.8mm	10pcs
HG10.036/C	1354230CP	Nozzle EBD 0.8mm HCP	10pcs
HG10.010	0212334	Nozzle EBD 1.0mm	10pcs
HG10.010/C	0212334CP	Nozzle EBD 1.0mm HCP	10pcs
HG10.025	HG10.025	Nozzle 1.0mm HD	10pcs
HG10.025/C	HG10.025CP	Nozzle 1.0mm HD HCP	10pcs
HG10.037	1479581	Nozzle EBD 1.2mm	10pcs
HG10.011	0216199	Nozzle EBD 1.4mm HD	10pcs
HG10.011/C	0216199CP	Nozzle EBD 1.4mm HD HCP	10pcs
HG10.012	0225213	Nozzle EBD 1.7mm HD	10pcs
HG10.012/C	0225213CP	Nozzle EBD 1.7mm HD HCP	10pcs
HG10.038	1487009	Nozzle EBD 2.0mm	10pcs
HG10.028	0126156	Nozzle EBD 2.3mm HD	10pcs
HG10.028/C	0126156CP	Nozzle EBD 2.3mm HD HCP	10pcs

Part No.	Ref. No.	Description	Std. Pkg.
HG16.600	HG16.600	Nozzle 0.8mm	10pcs
HG10.013	226939	Nozzle 1.0mm	10pcs
HG10.026	HG10.026	Nozzle 1.0mm HD	10pcs
HG10.014	226940	Nozzle 1.4mm HD	10pcs
HG10.015	227144	Nozzle 1.7mm HD	10pcs
HG10.029	HG10.029	Nozzle 2.3mm HD	10pcs
HG10.033	HG10.033	Nozzle 2.0mm HD	10pcs



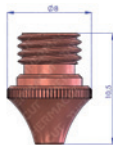
HG 10.016-018,030



HG 10.220-226

Part No.	Ref. No.	Description	Std. Pkg.
HG10.016	HG10.016	Nozzle 1.0mm	10pcs
HG10.017	HG10.017	Nozzle 1.4mm HD	10pcs
HG10.018	HG10.018	Nozzle 1.7mm HD	10pcs
HG10.030	HG10.030	Nozzle 2.3mm HD	10pcs
HG10.008	HG10.008	Teach Nozzle 0.25mm RE	1pc

Part No.	Ref. No.	Description	Std. Pkg.
HG10.225	0135320	Nozzle 1.0mm RE	10pcs
HG10.226	HG10.226	Nozzle 1.2mm RE	10pcs
HG10.220	0135318	Nozzle 1.4mm RE	10pcs
HG10.221	0126157	Nozzle 1.7mm RE	10pcs



HG10.020

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.020	0913799	Nozzle EBG 0.8mm HD	10pcs	HG10.022/C	0913801CP	Nozzle EBG 1.4mm HD HCP	10pcs
HG10.020/C	0913799CP	Nozzle EBG 0.8mm HD HCP	10pcs	HG10.023	0937988	Nozzle EBG 1.7mm HD	10pcs
HG10.021	0913800	Nozzle EBG 1.0mm HD	10pcs	HG10.023/C	0937988CP	Nozzle EBG 1.7mm HD HCP	10pcs
HG10.021/C	0913800CP	Nozzle EBG 1.0mm HD HCP	10pcs	HG10.024	0937989	Nozzle EBG 2.3mm HD	10pcs
HG10.039	1487034	Nozzle EBG 1.2mm	10pcs	HG10.024/C	0937989CP	Nozzle 2.3mm HD HCP	10pcs
HG10.022	0913801	Nozzle EBG 1.4mm HD	10pcs	HG10.027	1487036	Nozzle EBG 2.0mm	10pcs

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LENSES SUITABLE FOR TRUMPF®

Part No.	Ref. no.	Description	Std. Pkg.	Part No.	Ref. no.	Description	Std. Pkg.
HG10.166/H	346104	3.75" ZnSe Meniscus lens High pressure lens (29bar), 38.1mm Effective focal length: 95.3mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.167/HU	88114	5.00" ZnSe Meniscus lens – ULTRA LOW High pressure lens (29bar), 38.1mm Effective focal length: 127.0mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG10.167/H	88114	5.00" ZnSe Meniscus lens High pressure lens (29bar), 38.1mm Effective focal length: 127.0mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.168/HU	97517	7.50" ZnSe Meniscus lens – ULTRA LOW High pressure lens (29bar), 38.1mm Effective focal length: 190.5mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.13%)	1pc
HG10.168/H	97517	7.50" ZnSe Meniscus lens High pressure lens (29bar), 38.1mm Effective focal length: 190.5mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.169/HU	141972	9.00" ZnSe Meniscus lens – ULTRA LOW High pressure lens (29bar), 38.1mm Effective focal length: 225.0mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.13%)	
HG10.169/H	141972	9.00" ZnSe Meniscus lens High pressure lens (29bar), 38.1mm Effective focal length: 225.0mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.20%)	1pc	HG10.179/HU	350163	10.00" ZnSe Meniscus lens – ULTRA LOW High pressure lens (29bar), 38.1mm Effective focal length: 254.0mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.13%)	
HG10.179/H	350163	10.00" ZnSe Meniscus lens High pressure lens (29bar), 38.1mm Effective focal length: 254.0mm Edge thickness: 7.4mm AR/AR for 10.6µm (absorption <0.20%)	1pc				

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REPLACEMENT PARTS SUITABLE FOR TRUMPF®

OPTICS, SERVICE ITEMS AND SPARE PARTS SUITABLE FOR TRUMPF®

PROTECTION WINDOWS SUITABLE FOR TRUMPF®

Part No.	Ref. No.	Description	Std. Pkg.
HG17.513	1614767	Protection Window D34.00mm × ET = 5.0mm	1 pc
HG17.515	759720	Protection Window D55.00mm × ET = 1.50mm	1 pc
HG17.526	766719	Protection Window D30.00mm × ET = 5.0mm	1 pc

ACCESSORIES SUITABLE FOR TRUMPF®

Part No.	Ref. No.	Description	Std. Pkg.
HG10.174	HG10.174	Polish for laser optics, 100ml	1 pc
HG10.173	HG10.173	Lens cleaning paper from TIFFEN®, sheet size 70 × 115mm	50 pcs
HG15.136	HG15.136	Latex gloves	100 pcs

BELLOWS SUITABLE FOR TRUMPF® TC L3030™ and L3020™

Part No.	Ref. No.	Description	Std. Pkg.
HG17.100	921742	Bellow x-axis	1 pc
HG17.101	141394	Bellow y-axis	1 pc
HG17.102	1667790	Chest bellow x-axis front (old No. 920715)	1 pc
HG17.103	1667803	Chest bellow x-axis rear (old No. 9390015)	1 pc
HG17.104	1667801	Chest bellow y-axis right (old No. 920716)	1 pc
HG17.105	1667805	Chest bellow y-axis left (old No. 939016)	1 pc
HG17.106	910354	Chest bellow z-axis	1 pc

BELLOWS SUITABLE FOR TRUMPF® TC L4030™

Part No.	Ref. No.	Description	Std. Pkg.
HG17.110	921870	Bellow x-axis	1 pc
HG17.111	144949	Bellow y-axis	1 pc
HG17.112	939017	Chest bellow x-axis rear	1 pc
HG17.113	976624	Chest bellow x-axis front	1 pc
HG17.115	920719	Chest bellow y-axis right	1 pc
HG17.116	938000	Chest bellow y-axis left	1 pc
HG17.106	910354	Chest bellow z-axis	1 pc

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REPLACEMENT PARTS SUITABLE FOR TRUMPF®

SERVICE ITEMS AND SPARE PARTS SUITABLE FOR TRUMPF®

BELLOWS SUITABLE FOR TRUMPF® TC L3050™

Part No.	Ref. No.	Description	Std. Pkg.
HG17.122	1302020	Bellow x-axis front and middle left (Altern. No. 981757/1596087)	1 pc
HG17.123	981710	Bellow x-axis front and rear right	1 pc
HG17.124	1307207	Bellow x-axis front and rear right (Altern. No. 1596086)	1 pc
HG17.125	1302018	Bellow x-axis rear left (Altern. No. 981756/1596088)	1 pc
HG17.126	1226193	Bellow y-axis right	1 pc
HG17.127	1302386	Bellow u-axis front and rear (Altern. No. 981753)	1 pc
HG17.128	979561	Bellow z-axis rear	1 pc
HG17.119	1226192	Disc bellow y-axis left (Altern. No. 1353514)	1 pc
HG17.120	1271514	Chest bellow u/x-axis front and rear (Altern. No. 978079)	1 pc
HG17.106	910354	Chest bellow z-axis	1 pc

BELLOWS SUITABLE FOR TRUMPF® TC L4050™

Part No.	Ref. No.	Description	Std. Pkg.
HG17.140	1222529	Bellow x-axis front and middle left	1 pc
HG17.141	1222573	Bellow x-axis front and rear right	1 pc
HG17.142	1222571	Bellow x-axis rear left	1 pc
HG17.143	1222111	Bellow y-axis right	1 pc
HG17.144	1222528	Bellow u-axis front and rear	1 pc
HG17.128	979561	Bellow z-axis rear	1 pc
HG17.146	1222575	Disc bellow x-axis left	1 pc
HG17.147	1222576	Disc bellow x-axis right	1 pc
HG17.148	1222110	Disk bellow y-axis left	1 pc
HG17.106	910354	Chest bellow z-axis	1 pc

BELLOWS SUITABLE FOR TRUMPF® TC L6030™

Part No.	Ref. No.	Description	Std. Pkg.
HG17.150	921871	Bellows x-axis on request	1 pc
HG17.111	144949	Bellows y-axis	1 pc
HG17.151	920730	Chest bellows x-axis rear on request	1 pc
HG17.152	937999	Chest bellows x-axis front on request	1 pc
HG17.115	920719	Chest bellows y-axis right	1 pc
HG17.116	938000	Chest bellows y-axis left	1 pc
HG17.106	910354	Chest bellows z-axis	1 pc

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REPLACEMENT PARTS SUITABLE FOR TRUMPF®

SERVICE ITEMS AND SPARE PARTS SUITABLE FOR TRUMPF®

BELLOWS SUITABLE FOR TRUMPF® TC L6050™

Part No.	Ref. No.	Description	Std. Pkg.
HG17.153	1251452	Bellows x-axis right	1 pc
HG17.154	1251453	Bellows x-axis left	1 pc
HG17.155	1251454	Bellows x-axis left	1 pc
HG17.156	1251455	Bellows u-axis	1 pc
HG17.143	1222111	Bellows y-axis righth	1 pc
HG17.157	979561	Bellows z-axis rear	1 pc
HG17.158	1353516	Disk bellows y-axis left	1 pc
HG17.159	1306473	Disk bellows x-axis left	1 pc
HG17.160	1306474	Disk bellows x-axis right	1 pc

BELLOWS SUITABLE FOR TRUMPF® L3030™ (L20™)

Part No.	Ref. No.	Description	Std. Pkg.
HG17.161	1458867	Railing cover left	1 pc
HG17.162	1458866	Railing cover right	1 pc
HG17.163	1512607	Chest bellows z-axis	1 pc
HG17.164	1496436	Disk Bellows y-axis left	1 pc
HG17.165	1496435	Disk Bellows y-axis right	1 pc
HG17.166	1458860	Disk Bellows	1 pc
HG17.167	1458861/1854032	Disk Bellows	1 pc

FILTER ELEMENTS SUITABLE FOR TRUMPF®

Part No.	Ref. No.	Description	Std. Pkg.
HG17.130	146152	Chisso filter CP10 for water circuit 30 x 68 x 248mm	1 pc
HG17.131	123674 / 377006	Filter element Air/N ₂	1 pc
HG17.132	123675 / 377005	Filter element FFP3	1 pc
HG17.133	123676 / 377004	Filter element AKP 04/20S	1 pc
HG17.134	365781	Filter MPF 04/10	1 pc
HG17.135	365782	Filter SMPF 04/10	1 pc
HG17.020	941996 / 0149023	Circuit lubricated rotary valve – Vacuum pump – original HYCO®	1 pc
HG17.000	0345064	Filter panel suitable for extraction unit 556 x 74 x 1050mm, H13 suitable for TC L3030™, L4050™, L6050™, L4030™, L6030™, L3020™, L3050™	1 pc
HG17.001	0139809	Filter panel suitable for extraction unit 500 x 600mm, H13 suitable for TUBEMATIC®, TC600L™, TC6000L™	1 pc
HG17.002	146122342682	Filter panel suitable for extraction unit (horizontal)	1 pc

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REPLACEMENT PARTS SUITABLE FOR TRUMPF®

AIR FILTERS SUITABLE FOR TRUMPF®

Part No.	Ref. No.	Description	Std. Pkg.	Part No.	Ref. No.	Description	Std. Pkg.
HG10.178	HG10.178	Air filter for cooling aggregate size: 2420 × 550 × 8mm	25pcs	HG10.190	HG10.190	Air filter for cooling aggregate size: 1200 × 700 × 8mm	25pcs
HG10.187	HG10.187	Air filter for cooling aggregate size: 1520 × 755 × 8mm	25pcs	HG10.191	HG10.191	Air filter for cooling aggregate size: 990 × 890 × 8mm	25pcs
HG10.188	HG10.188	Air filter for cooling aggregate size: 1670 × 660 × 8mm	25pcs	HG11.175	HG11.175	Air filter for cooling aggregate size: 670 × 1200 × 8mm	25pcs
HG11.188	HG11.188	Air filter for cooling aggregate size: 1670 × 620 × 8mm	25pcs	HG11.178	HG11.178	Air filter for cooling aggregate size: 2500 × 1710 × 8mm	5pcs
HG10.189	HG10.189	Air filter for cooling aggregate size: 2420 × 560 × 8mm	25pcs	HG11.187	HG11.187	Air filter for cooling aggregate size: 1530 × 1530 × 8mm	5pcs
HG11.174	HG11.174	Air filter for cooling aggregate size: 3000 × 1800 × 8mm	5pcs	HG10.176	HG10.176	Air filter for cooling aggregate size: 800 × 600 × 8mm	25pcs

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REVISION HISTORY

INTRODUCTORY SECTION - Revision on PAGE 2 - 20/05/2019 - Introductory text updated.

INTRODUCTORY SECTION - Revision on PAGES 3, 6 - 28/02/2019 - Czech and United Arab Emirates contact informations changed.

Precitec® SECTION - Revision on PAGE 27 - 28/02/2019 - Description of parts HG10.621/H, HG15.002/H corrected.

TRUMPF® SECTION - Revision on PAGE 33 - 28/02/2019 - Part HG10.041 added to the picture and to the table.

INTRODUCTORY SECTION - Revision on PAGES 3-6 - 18/09/2018 - Japanese contact informations changed.

SALVAGNINI® SECTION - 02/07/2018 - Section removed from the catalog.

AMADA® SECTION - Revision on PAGE 8 - 02/07/2018 - Product line AMADA® LASER HS™ 95 removed. Parts HG10.608-HG10.614 removed from the picture. Parts HG10.763, HG10.765, HG10.766, HG10.773, HG10.776 added to the picture.

CINCINNATI® SECTION - Revision on PAGE 14 - 02/07/2018 - Lenses section added to the catalog.

LVD® SECTION - Revision on PAGE 15 - 02/07/2018 - Heading "Standard copper nozzles / Standard copper nozzles with hard chromium plating" removed.

MAZAK® SECTION - Revision on PAGE 17 - 02/07/2018 - Table title changed.

Precitec® SECTION - Revision on PAGE 24 - 02/07/2018 - Table title changed.

Precitec® SECTION - Revision on PAGE 25 - 02/07/2018 - Parts HG11.101/C, HG11.102/C, HG11.103/C, HG11.104/C, HG11.105/C, HG11.106/C, HG11.107/C, HG11.108/C, HG11.109/C, HG11.110/C added to the picture.

PRIMA POWER® SECTION - Revision on PAGE 29 - 02/07/2018 - Parts HG11.365, HG11.366, HG11.368 removed from the table. Parts HG11.367, HG11.369, HG11.373 added to the picture.

TRUMPF® SECTION - Revision on PAGE 31 - 02/07/2018 - Table title removed.

TRUMPF® SECTION - Revision on PAGE 32 - 02/07/2018 - Part HG10.080 added to the picture. Part HG10.031 moved from another page. Redundant part HG10.107 removed from the picture and from the table.

TRUMPF® SECTION - Revision on PAGE 34 - 02/07/2018 - Part HG10.020 added to the picture.

TRUMPF® SECTION - Revision on PAGE 36 - 02/07/2018 - Packing of part HG17.513 changed.

TRUMPF® SECTION - Revision on PAGE 33 - 30/05/2018 - Parts 1277773CP, 1277771CP, 1277774CP, 1277776CP, 1277779CP, 1277780CP, 1277781CP, 1277782CP removed from the table.

TRUMPF® SECTION - Revision on PAGE 32 - 30/05/2018 - Part HG10.165 removed from the table. Parts HG10.160, HG10.161 removed from the picture and from the table. Parts HG10.080, HG10.040 added to the picture and to the table.

TRUMPF® SECTION - Revision on PAGE 32 - 30/05/2018 - Parts HG10.100, HG10.101, HG10.102, HG10.103, HG10.104, HG10.105, HG10.108 removed from the picture and from the table. Part HG10.112 removed from the table.

TRUMPF® SECTION - Revision on PAGE 33 - 30/05/2018 - Parts HG10.096, HG10.097, HG10.098, HG10.099 added to the picture and to the table.

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