



## LASER MACHINE CONSUMABLES AND PARTS

HFD Electronic Spare Parts LLC is a stocking distributor of consumables critical components for laser systems and we provide assistance in selecting replacement products. Our CO2 & Fiber laser consumables are manufactured to meet the highest standards of quality and performance or exceed the OEM's original specifications. Our laser parts, are designed and manufactured in Europe & USA providing the best products to meet our customer's needs and more cost effective alternative....

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## LASER MACHINE CONSUMABLES AND PARTS

POWER GRID TUBES	PRODUCTS BY OEM	LASER BELLOWS	LASER FILTERS
			
IMAGE	OEM NUMBER	PART NUMBER	DESCRIPTION
			

## POWER GRID TUBES



## LASER MIRRORS



**Consumables for Trumpf Lasers Trumatic L2530, L3030, L3050, L4030, 6000I,  
L6030, L2503e, L3003e, L4003e & Tc600I**

IMAGE	OEM NUMBER	PART NUMBER	DESCRIPTION
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## LASER BELLOWS



## LASER FILTERS



## LASER LENSES



IMAGE

OEM NUMBER

PART NUMBER

DESCRIPTION



## LASER NOSSELS



## PRODUCTS BY OEM

## DUST COLLECTION FILTERS



# Consumables for Trumpf Lasers Trumatic L2530, L3030, L3050, L4030, 6000I, L6030, L2503e, L3003e, L4003e & Tc600I

IMAGE	OEM NUMBER	PART NUMBER	DESCRIPTION
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## PROXIMITY SWITCHES



IMAGE	OEM NUMBER	PART NUMBER	DESCRIPTION
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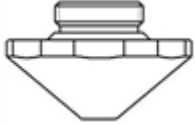
IMAGE

OEM NUMBER

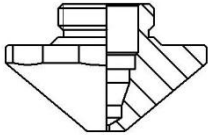
PART NUMBER

DESCRIPTION

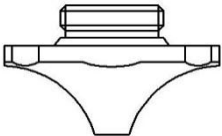
**CONSUMABLES FOR TRUMPF TRULASERS FOR 5030, 5040 & 5060 (6/7kW Lasers) (Sold in pack of 10)**



1324858	RNT060/08	Nozzle Ø EAA 0.8 mm
1324860	RNT061/10	Nozzle Ø EAA 1.0 mm
1324861	RNT062/12	Nozzle Ø EAA 1.2 mm
1324863	RNT063/14	Nozzle Ø EAA 1.4 mm
1324864	RNT064/17	Nozzle Ø EAA 1.7 mm
1324865	RNT065/20	Nozzle Ø EAA 2.0 mm
1324866	RNT066/23	Nozzle Ø EAA 2.3 mm
1324867	RNT067/27	Nozzle Ø EAA 2.7 mm



	RNT060/08D	Nozzle Ø EAA 0.8 mm
	RNT061/10D	Nozzle Ø 1.0 mm
	RNT062/12D	Nozzle Ø 1.2 mm
	RNT063/14D	Nozzle Ø 1.4 mm
	RNT064/17D	Nozzle Ø 1.7 mm
	RNT065/20D	Nozzle Ø 2.0 mm
	RNT066/23D	Nozzle Ø 2.3 mm
	RNT067/27D	Nozzle Ø 2.7 mm



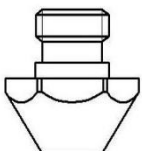
1373324	RNT070/08	Nozzle Ø EAB 0.8 mm
1373325	RNT0 71/10	Nozzle Ø EAB 1.0 mm
1373326	RNT072/12	Nozzle Ø EAB 1.2 mm
1373327	RNT073/14	Nozzle Ø EAB 1.4 mm
1373328	RNT074/17	Nozzle Ø EAB 1.7 mm
1373329	RNT075/20	Nozzle Ø EAB 2.0 mm
1373330	RNT076/23	Nozzle Ø EAB 2.3 mm
1373331	RNT077/27	Nozzle Ø EAB 2.7 mm

**CONSUMABLES FOR TRUMPF LASERS TCL105**



0913965	RMT007/NUT	Locking Nut
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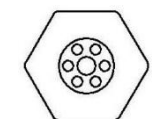
**CONSUMABLES FOR TRUMPF TRULASERS FOR 5030, 5040 & 5060 (6/7kW Lasers) (Sold in pack of 10)**



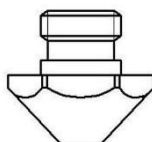
0212334	RNT010/10	Nozzle Ø 1.0 mm
	RNT025/10	Nozzle Ø 1.0 mm (designed for high pressure cutting)
0216199	RNT011/14	Nozzle Ø 1.4 mm
0225213	RNT012/17	Nozzle Ø 1.7 mm
0126156	RNT028/23	Nozzle Ø 2.3 mm



IMAGE	OEM NUMBER	PART NUMBER	DESCRIPTION
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0237364	RNT019/10	Shower Nozzle Ø 1.0 mm
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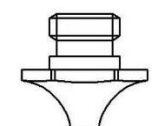
0226939	RNT013/10	Nozzle Ø 1.0 mm
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	RNT026/10	Nozzle Ø 1.0 mm
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0226940	RNT014/14	Nozzle Ø 1.4 mm
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0227144	RNT015/17	Nozzle Ø 1.7 mm
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	RNT029/23	Nozzle Ø 2.3 mm
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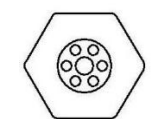


	RNT016/10	Nozzle Ø 1.0 mm
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	RNT017/14	Nozzle Ø 1.4 mm
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	RNT018/17	Nozzle Ø 1.7 mm
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	RNT030/23	Nozzle Ø 2.3 mm
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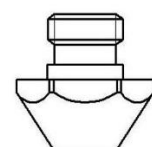
0135320	RNT225/10	Nozzle Ø 1.0 mm Rough Edged
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	RNT226/12	Nozzle Ø 1.2 mm Rough Edged
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0135318	RNT220/14	Nozzle Ø 1.4 mm Rough Edged
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0126157	RNT221/17	Nozzle Ø 1.7 mm Rough Edged
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### HARD CHROMIUM PLATED NOZZLES (SOLD IN PACKAGES OF 10)



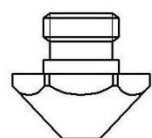
0212334	RNT010/10C	Nozzle Ø 1.0 mm Hard Chromium Plated
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	RNT025/10C	Nozzle Ø 1.0 mm Hard Chromium Plated
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0216199	RNT011/14C	Nozzle Ø 1.4 mm Hard Chromium Plated
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0225213	RNT012/17C	Nozzle Ø 1.7 mm Hard Chromium Plated
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0126156	RNT028/23C	Nozzle Ø 2.3 mm Hard Chromium Plated
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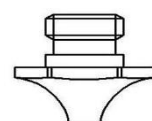
0226939	RNT013/10	Nozzle Ø 1.0 mm Hard Chromium Plated
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	RNT026/10	Nozzle Ø 1.0 mm Hard Chromium Plated
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0226940	RNT014/14	Nozzle Ø 1.4 mm Hard Chromium Plated
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0227144	RNT015/17	Nozzle Ø 1.7 mm Hard Chromium Plated
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	RNT029/23	Nozzle Ø 2.3 mm Hard Chromium Plated
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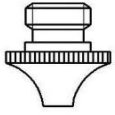
	RNT016/10C	Nozzle Ø 1.0 mm Hard Chromium Plated
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	RNT017/14C	Nozzle Ø 1.4 mm Hard Chromium Plated
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	RNT018/17C	Nozzle Ø 1.7 mm Hard Chromium Plated
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	RNT030/23C	Nozzle Ø 2.3 mm Hard Chromium Plated
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IMAGE	OEM NUMBER	PART NUMBER	DESCRIPTION
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0135320	RNT225/10C	Nozzle Ø 1.0 mm Rough Edged Hard Chromium Plated
	RNT226/12C	Nozzle Ø 1.2 mm Rough Edged Hard Chromium Plated
0135318	RNT220/14C	Nozzle Ø 1.4 mm Rough Edged Hard Chromium Plated
0126157	RNT221/17C	Nozzle Ø 1.7 mm Rough Edged Hard Chromium Plated

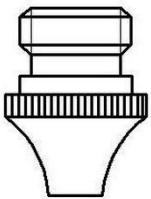


0913965	RMT007/NUT	Locking Nut
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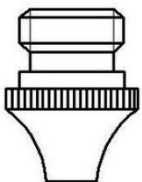
0936678	RHT110/H	Nozzle Holder "Ceramic"
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**STANDARD COPPER NOZZLES (SOLD IN PACKAGES OF 10)**



0958206	RNT006/025	"Teach" Nozzle Ø 0.25 mm
0913799	RNT020/08	Nozzle Ø 0.8 mm
0913800	RNT021/10	Nozzle Ø 1.0 mm
0913801	RNT022/14	Nozzle Ø 1.4 mm
0937988	RNT023/17	Nozzle Ø 1.7 mm
0937989	RNT024/23	Nozzle Ø 2.3 mm

**HARD CHROMIUM PLATED NOZZLES (SOLD IN PACKAGES OF 10)**



0913799	RNT020/08C	Nozzle Ø 0.8 mm Hard Chromium Plated
0913800	RNT021/10C	Nozzle Ø 1.0 mm Hard Chromium Plated
0913801	RNT022/14C	Nozzle Ø 1.4 mm Hard Chromium Plated
0937988	RNT023/17C	Nozzle Ø 1.7 mm Hard Chromium Plated
0937989	RNT024/23C	Nozzle Ø 2.3 mm Hard Chromium Plated



**Lenses and Mirrors** are manufactured using the highest quality materials and tightest process controls available in the industry. Every optic undergoes thorough quality controls to ensure you will get the best performance in your laser. Our standard lenses meet or exceed OEM specifications. Our low absorption lenses are the best choice for laser powers of 4 KW and up. Our optics can help you reduce the total cost of operation of your laser.



0346104	RLT102/375S	3.7 5" F/L, 1.5 Dia., 0.291 ET, AR 0.20%
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088114	RLT100/50S	5" F/L, 1.5 Dia., 0.291 ET, AR 0.20%
088114	RLT200/50LA	5" F/L, 1.5 Dia., 0.291 ET, AR 0.15% (Low Absorption)
097517	RLT101/75S	7.5" F/L, 1.5 Dia., 0.291 ET, AR 0.20%
097517	RLT201/75LA	5" F/L, 1.5 Dia., 0.291 ET, AR 0.15% (Low Absorption)



0141972	RLT103/90S	9" F/L, 1.5 Dia., 0.291 ET, AR 0.20%
0350163	RLT104/100S	10" F/L, 1.5 Dia., 0.291 ET, AR 0.20%



13082010	EK1546027T	Lens Cleaning Paper Sold in packs of 50 sheets
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EK1463728T	Lens Cleaning Solutions	16 oz.
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096066	RRT111/MMR	MMR Mirror 1.5" x 0.375"
0129880	RRT103/90PS	Si 90 Phase Shift 68mm x 20mm
0129881	RRT102/0PS	Si 0 Phase Shift 68mm x 20mm
0133348	RRT100/0PS	Si 0 Phase Shift 2" x 0.4"
0133349	RRT101/90PS	Si 90 Phase Shift 2" x 0.4"
0139367	RRT113/0PS	Cu 0 Phase Shift 68mm x 20.32mm
0342713	RRT110/EM	End Mirror PO/20CC
0352628	RRT109/EM	End Mirror PO/30CC
0363979	RRT107/OC	Output Coupler PO/7MCC
0365284	RRT108/OC	Output Coupler PO/PO
0365640	RRT114/90PS	Cu 90 Phase Shift 68mm x 20.32mm
0920689	RRT104/CUWC	Cu W/C Mirror 68mm x 34mm
0976345	RRT112/PLM	PLM HR SEG Mirror 1.5" x 0.375"



MIRR - POL/390050	Mirror Polishing Compound
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IMAGE	OEM NUMBER	PART NUMBER	DESCRIPTION
	0141394	RBT101/30RX	L3030 Rail Y - Bellows
	0910354	RBT102/30BPZ	L3030 & L4030 Beam Path Z - Bellows
	0920715	RBT105/30BX	L3030 Beam X - Bellows
	0920716	RBT106/30BY	L3030 Beam Y - Bellows
	0921742	RBT100/30RX	L3030 Rail X - Bellows
	0939015	RBT103/30BPX	L3030 Beam Path X - Bellows
	0939016	RBT104/30BPY	L3030 Beam Path Y - Bellows





IMAGE	OEM NUMBER	PART NUMBER	DESCRIPTION
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	0144949	RBT108/40RY	L4030 Rail Y - Bellows
	0910354	RBT102/30BPZ	L3030 & L4030 Beam Path Z Bellows
	0920719	RBT113/40BY	L4030 Beam Y - Bellows
	0921780	RBT107/40RX	L4030 Rail X - Bellows
	0938000	RBT111/40BPY	L4030 Beam Path Y - Bellows
	0939017	RBT110/40BPX	L4030 Beam Path X - Bellows
	0976624	RBT11240BX	L4030 Beam X - Bellows



The **CO2 laser** consumables are directly related to the health and safety of your technicians and staff, it is important that they be replaced as needed to ensure maximum efficiency.

We supply both OEM replacement laser filters and cost-effective aftermarket alternatives. Our dust collector laser filters come from European and American manufacturers, and are made from the highest quality components. We have replacement laser filters rated at MEV 15 or higher, to capture even the finest particles produced by your laser machine. Our laser filters are precision manufactured to match the exact specifications of your system. We have replacement filters for nearly any make and model, and perfect fit and compatibility are guaranteed.

1324858 RNT060/08 Nozzle Ø EAA 0.8 mm

IMAGE	OEM NUMBER	PART NUMBER	DESCRIPTION
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**AIR FILTERS, BY DONALDSON**



0123674 & 0377006	1C125116	Ultrair FF 03/10 .01 m Silicon Free Fine Filter Element
0123675 & 0377005	1C125716	Ultrair SMF 03/10 .01 m Silicon Free Sub Micro Filter Element
0123676 & 0377004	1C125824	Ultrac AK 04/20 Silicon Free Activated Carbon Absorption

**DUST COLLECTOR FILTERS**



0140759	RFT759/10	For Keller Systems (L2530)
0146122	RFT122/10	For Keller Systems (L2530, L3030, L4030, L6030, & TLC1005)
0345064	RFT064/10	Dust Collection Filters For Handte Filter Systems

**WATER FILTER**



0146152	CP102480	Chisso Water Filter
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**PROXIMITY SWITCHES**



050924	BES0372	PROXIMITY SWITCH 2mm 1S
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076166	BES0375	ROXIMITY SWITCH 2mm 1S
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135588	BES0376	PROXIMITY SWITCH D8mm Sn2
135589	BES0346	PROXIMITY SWITCH D8mm Sn2



IMAGE	OEM NUMBER	PART NUMBER	DESCRIPTION
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141554	BES0379	PROXIMITY SWITCH D8mm Sn2
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141555	BES0349	PROXIMITY SWITCH D8mm Sn2
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342533	BES01TK	PROXIMITY SWITCH QUAD 8x8 Sn2, 0
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345385	BES01CT	PROXIMITY SWITCH M18x1 Sn8
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345714	BES0347	PROXIMITY SWITCH D8mm Sn2
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355170	BES005N	PROXIMITY SWITCH M12x1 Sn4
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362689	BES0371	PROXIMITY SWITCH D8mm Sn2
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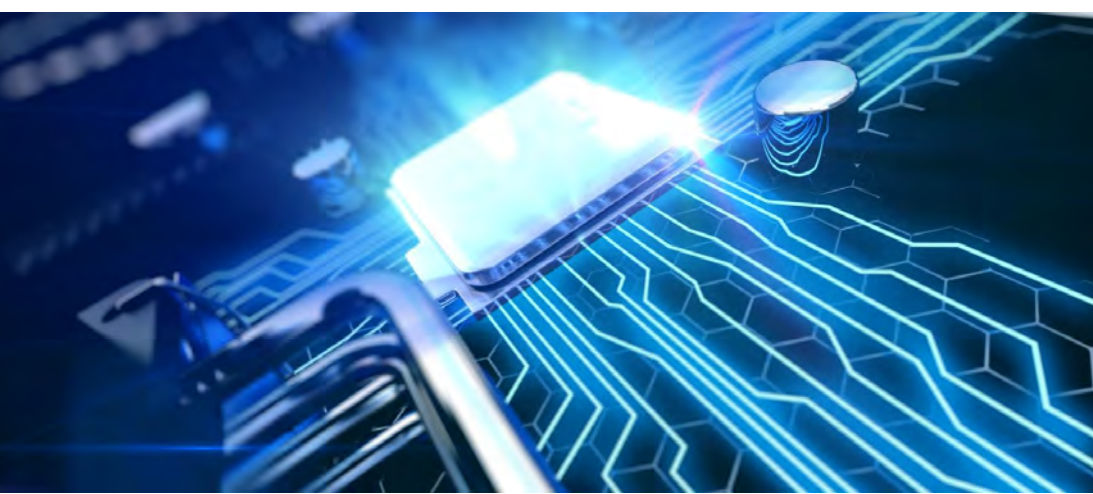
370936	BES0068	PROXIMITY SWITCH M12x1 Sn4
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**REACTIVE ANODE**



AX3021CJ-H2O	Reactive Anode - water fitting that includes the sacrificial anode
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# HFD

ELECTRONIC SPARE PARTS LLC

Established in 1995, located in Dubai the regional business hub of the Middle East for effective product distribution & service support, HFD Electronic Spare Parts LLC can immediately respond to your requirements. We represent many of our industries premium European or USA suppliers all with a proven track record of quality & reliability. With over 24 years of experience servicing in our region, we are well tuned to the ongoing requirements of our customers. Our staff are sales and engineering professions who speak in English, Arabic, Hindi, Urdu or Farsi, we are service orientated and maintain close partner relationships with our customers and suppliers One call to our sales & technical team will provide you with the support you require. We hold an extensive inventory of products for the industries we serve.

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## HFD Electronic Spare Parts LLC

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Dubai, United Arab Emirates