



Richardson  
Electronics



# Catalogo de Consumibles y Refacciones de Laser Trumpf y Bystronic



**TRUMPF**



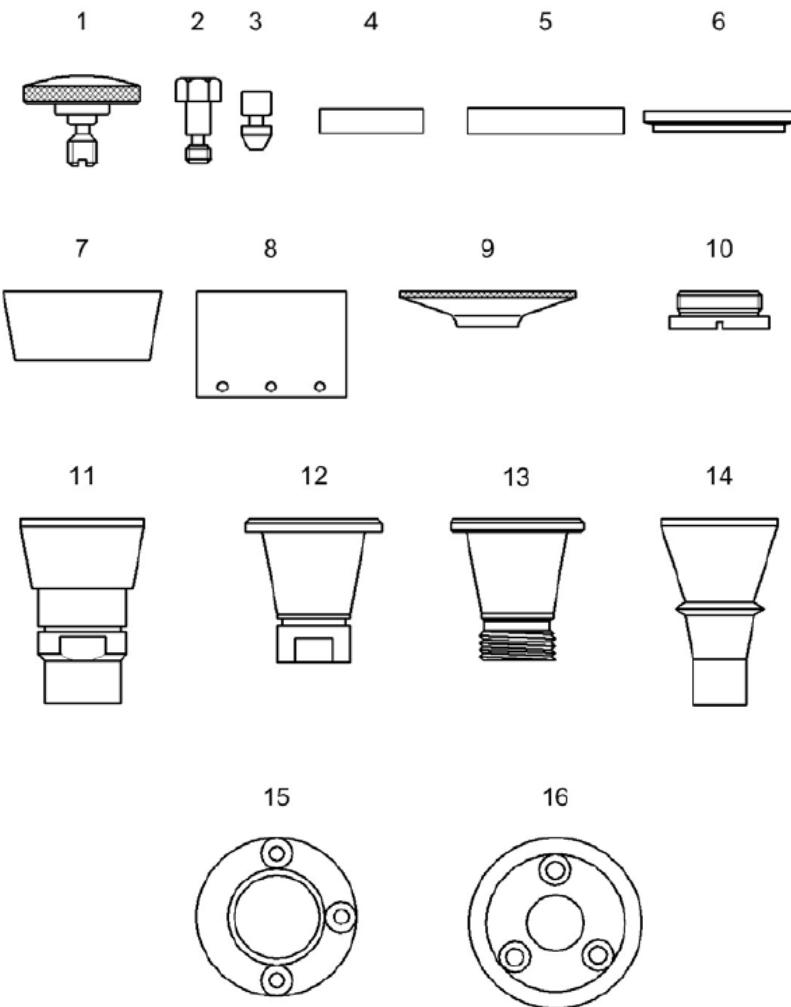


# Consumables Bystronic



Outline No.	OEM No.
1	4-03136
2	4-00324
3	4-03137
4	4-09010
5	4-01642
6	3-13113-1
7	4-01959
8	3-13422
9	2-08700
10	3-11071
11	3-02291
12	3-05497
13	2-08701
14	2-10837-1
15	3-06035
16	3-03663

DESCRIPTION
Knurled Screw
Screw
Pin
Ceramic Insulating Ring
Ceramic Insulating Ring
Ceramic Insulating Ring - Small
Conical Ceramic Insulating Ring
Insulating Ring - Large
Shield Copper
Fastener Nut
Nozzle Body
Nozzle Body
Nozzle Body
Nozzle Body
Teflon Insulating Disk
Teflon Insulating Disk (formerly 3-02951)





# Consumables Bystronic

## Standard Copper Nozzles (Sold in packages of 10)

19	3-01894	Nozzle 1.0mm	(10)
	3-01895	Nozzle 1.25mm	(12)
	3-01896	Nozzle 1.5mm	(15)
19	3-01899	Nozzle 1.0mm	(H10)
	3-01900	Nozzle 1.25mm	(H12)
	3-01901	Nozzle 1.5mm	(H15)
	3-01902	Nozzle 1.75mm	(H17)
	3-01903	Nozzle 2.0mm	(H20)
	3-01905	Nozzle 1.0mm	(K10)
17	3-01906	Nozzle 1.25mm	(K12)
	3-01907	Nozzle 1.5mm	(K15)
	3-01908	Nozzle 1.75mm	(K17)
	3-01909	Nozzle 2.0mm	(K20)
	3-04274	Nozzle 2.5mm	(K25)
	3-01910	Nozzle 1.0mm	(HK 10)
17	3-01911	Nozzle 1.25mm	(HK 12)
	3-01912	Nozzle 1.5mm	(HK 15)
	3-01913	Nozzle 1.75mm	(HK 17)
	3-01914	Nozzle 2.0mm	(HK 20)
	3-03854	Nozzle 2.5mm	(HK 25)
	3-06112	Nozzle 3.0mm	(HK 30)
	na	Nozzle 3.5mm	(HK 35)

## Standard Copper Nozzles (Sold in packages of 10)

18	3-16058	Double Nozzle 1.0mm	(NK10 or NK10-15)
	3-16059	Double Nozzle 1.2mm	(NK 12 or NK12-15)
	3-16060	Double Nozzle 1.5mm	(NK15 or NK15-15)
	3-14317	Double Nozzle 1.7mm	(NK17 or NK17-15)
	3-14318	Double Nozzle 2.0mm	(NK20 or NK20-15)
	3-14319	Double Nozzle 2.5mm	(NK25 or NK25-15)
	3-16256	Double Nozzle 2.5mm	(NK25A or NK25-20)
	3-16061	Double Nozzle 3.0mm	(NK30 or NK30-17)
	3-16257	Double Nozzle 3.0mm	(NK30A or NK30-20)
	na	Double Nozzle 3.5mm	(NK35 or NL35-30)

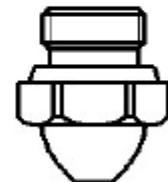
17



18



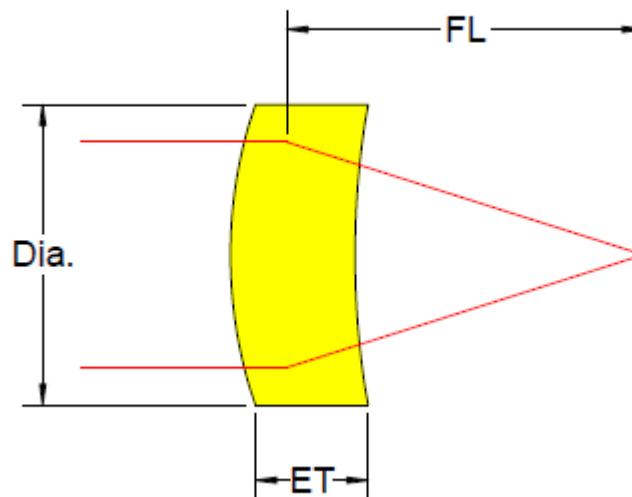
19





# Ópticos Bystronic

OEM No.	DESCRIPTION
4-00186	5" F/L, 1.5" Dia., 0.236 ET, AR ≤ 0.20%
4-00187	7.5" F/L, 1.5" Dia., 0.236 ET, AR ≤ 0.20%
4-05094	5" F/L, 1.5" Dia., 0.350 ET, AR ≤ 0.20%
4-05095	7.5" F/L, 1.5" Dia., 0.350 ET, AR ≤ 0.20%
4-07475	5" F/L, 1.5" Dia., 0.350 ET, AR ≤ 0.15% (Low Absorption)
4-07476	7.5" F/L, 1.5" Dia., 0.350 ET, AR ≤ 0.15% (Low Absorption)





# Filtros Donaldson Bystronic

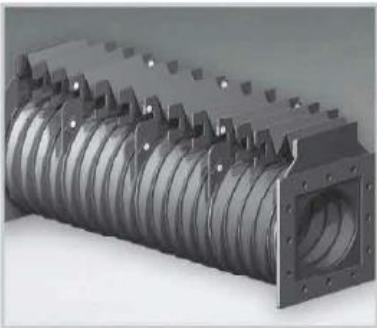
Model Number	Filter Element			Desiccant Cartridges			Carepac Kit <sup>1</sup>
	Size	MF - P/N	PE - P/N	Size	Qty Required	P/N	
UP0015-60	0610	1C121522	1C120022-25	10/2	10	1C977300	1C977184
UP0020-60	0420	1C121524	1C120024-05	10/4	4	1C977301	1C977185
UP0030-60	0520	1C121532	1C120032-05	10/4	6	1C977301	1C977186
UP0040-60	0525	1C121540	1C120040-05	10/4	8	1C977301	1C977187





# Consumables Trumpf

## CO<sub>2</sub> and Fiber Laser Consumables Catalog



**TRUMPF**



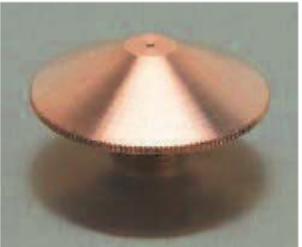
# Consumables Trumpf

Outline	Trumpf No.	DESCRIPTION (Sold in packages of 10)
2	1324858	Nozzle EAA ø 0.8 mm
2	1324860	Nozzle EAA ø 1.0 mm
2	1324861	Nozzle EAA ø 1.2 mm
2	1324863	Nozzle EAA ø 1.4 mm
2	1324864	Nozzle EAA ø 1.7 mm
2	1324865	Nozzle EAA ø 2.0 mm
2	1324866	Nozzle EAA ø 2.3 mm
2	1324867	Nozzle EAA ø 2.7 mm
4	1373324	Nozzle EAB ø 0.8 mm
4	1373325	Nozzle EAB ø 1.0 mm
4	1373326	Nozzle EAB ø 1.2 mm
4	1373327	Nozzle EAB ø 1.4 mm
4	1373328	Nozzle EAB ø 1.7 mm
4	1373329	Nozzle EAB ø 2.0 mm
4	1373330	Nozzle EAB ø 2.3 mm
4	1373331	Nozzle EAB ø 2.7 mm
6	1349171, 1591594, 1755673	Nozzle Holder (Sold individually)

**TRUMPF**



# Consumables Trumpf



Outline	Trumpf No.	DESCRIPTION (Sold in packages of 10)
3	0124561	Nozzle ECE ø 0.8 mm ( 0237499)
3	0124562	Nozzle ECE ø 1.0 mm
3	0966809	Nozzle ECE ø 1.2 mm
3	0237497	Nozzle ECE ø 1.4 mm
3	0237500	Nozzle ECE ø 1.5 mm
3	0237501	Nozzle ECE ø 1.7 mm
3	1253211	Nozzle ECE ø 2.0 mm ( 0237502 & 0237503)
3	0126933	Nozzle ECE ø 2.3 mm
3	0942742	Nozzle ECE ø 2.7 mm
7	0260432	Nozzle HOLDER "Ceramic" (Sold individually)
5	0955826	Teflon Cover DIAS III, Black (Sold individually)

**TRUMPF**



# Consumibles Fibra Laser Trumpf

Outline	Trumpf No.
1	2059462
1	2060001
1	2060004
1	2060025
1	2253595

## DESCRIPTION (Sold in packages of 10)

Nozzle EAU ø 2.5 mm

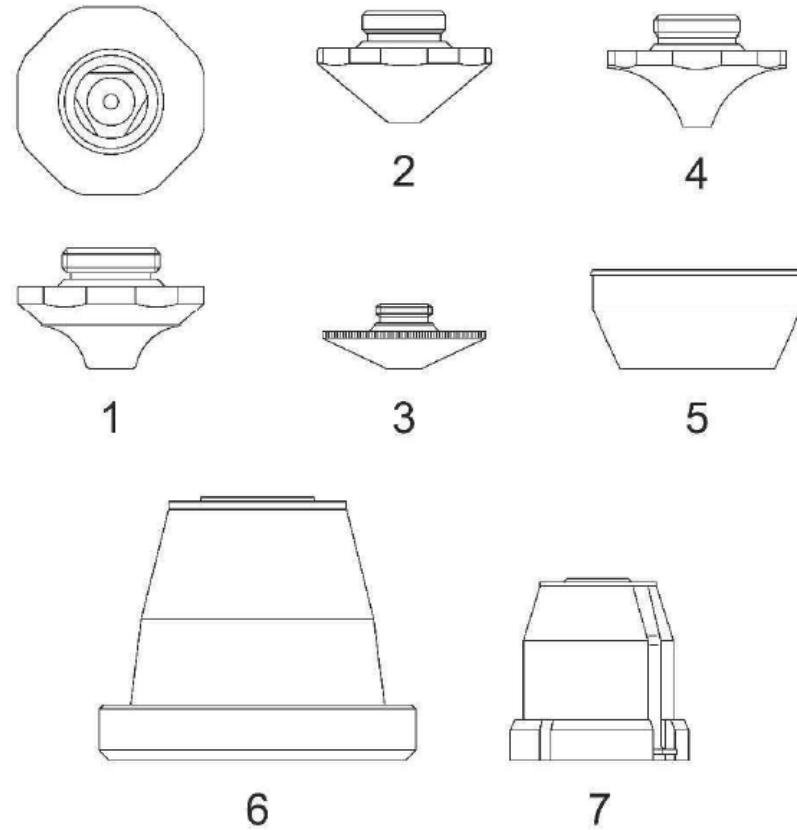
Nozzle EAU ø 3.0 mm

Nozzle EAU ø 4.0 mm

Nozzle EAU ø 6.0 mm

Nozzle EAU ø 10.0 mm

NEW



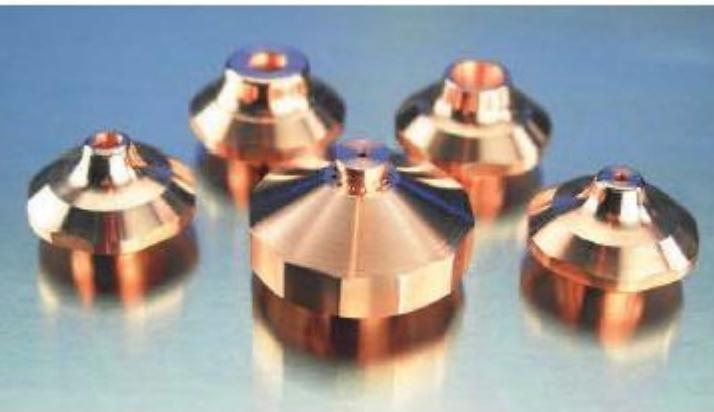
**TRUMPF**





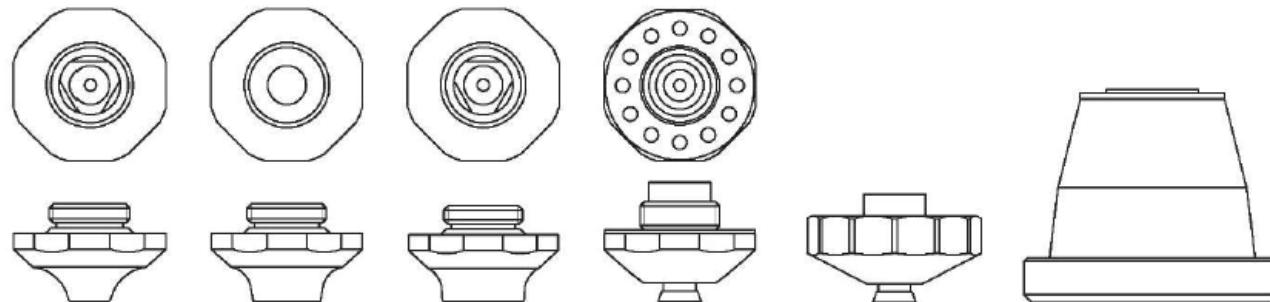
TRUMPF

# Consumables Laser Trumpf



## Bright Line Nozzles

Outline No.	Trumpf No.	DESCRIPTION (Sold Individually)
1	1664569	Nozzle EAN ø 1.7mm
	1664602	Nozzle EAN ø 2.0mm
	1664625	Nozzle EAN ø 2.5mm
1	1835747	Nozzle EAK ø 4.0mm
2	1633046	Nozzle EAC ø 5.3mm
3	1809091	Nozzle EAQ ø 6.0mm
	1809421	Nozzle EAQ ø 7.5mm
	1886199	Nozzle EAQ ø 9.5mm
6	1349171, 1591594, 1755673	Nozzle Holder (Sold Individually)



1

2

3

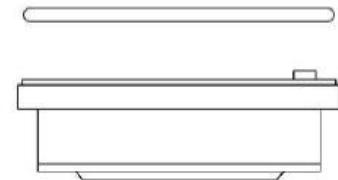
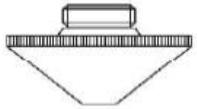
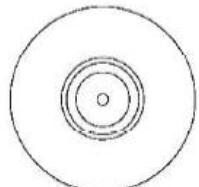
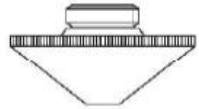
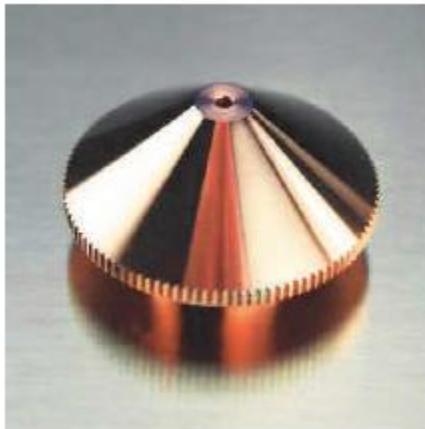
4

5

6



# Consumables Laser Trumpf



1

2

3

## Precitec Nozzles

Outline No.	Precitec No.	DESCRIPTION (Sold in packages of 10)
1	P0591-571-00010	Nozzle ø 1,0 mm
	P0591-572-00012	Nozzle ø 1,2 mm
	P0591-573-00015	Nozzle ø 1,5 mm
	P0591-574-00018	Nozzle ø 1,8 mm
	P0591-575-00020	Nozzle ø 2,0 mm
		Nozzle ø 2,2 mm
	P0591-576-00025	Nozzle ø 2,5 mm
		Nozzle ø 2,7 mm
	P0591-577-00030	Nozzle ø 3,0 mm
Outline No.	Precitec No.	DESCRIPTION (Sold in packages of 10)
2	P0591-002-00010	Double Nozzle ø 1,0 mm
	P0591-002-00012	Double Nozzle ø 1,2 mm
	P0591-002-00015	Double Nozzle ø 1,5 mm
	P0591-002-00018	Double Nozzle ø 1,8 mm
	P0591-002-00020	Double Nozzle ø 2,0 mm
	P0591-002-00023	Double Nozzle ø 2,3 mm
	P0591-002-00025	Double Nozzle ø 2,5 mm
	P0591-002-00030	Double Nozzle ø 3,0 mm
	P0591-002-00035	Double Nozzle ø 3,5 mm
	281330 & 6930281330	Nozzle Holder (Sold individually)



TRUMPF

# Consumables Laser Trumpf

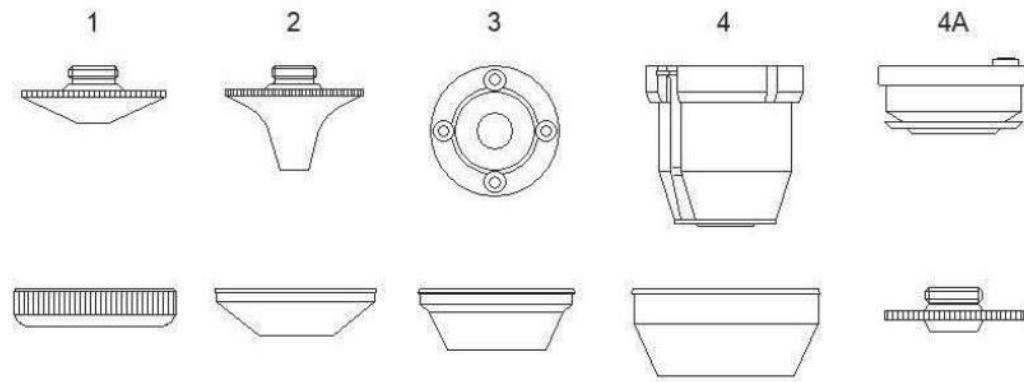


Consumables for Trumpf® TruLaser®, Trumatic®, TCL & TC HSL Lasers  
600L, 1030, 2025, 2030, 2503E 2510, 2525, 2530, 3000(K03),  
3000L, 3003E, 3020, 3030, 3040, 3050, 3060, 3530, 4002, 4003E,  
4030, 4050, 5030, 6000(K01), 6000L, 6030, 6050, 7025,  
7025 Fiber, 7040, 7040 Fiber, 8000



Outline No.	Trumpf No.
3	0234485
4	0260432
4A	0258809
5	0216066
6	0225286
7	0254496
8	0256153
8	0955826
25	-

DESCRIPTION
Break Away Bar
Nozzle HOLDER "Ceramic"
Nozzle HOLDER "Ceramic" (0243839 & 0247894)
Locking Nut
Teflon Cover, White (Lasermatic)
Teflon Cover, White
Teflon Cover DIAS III, White
Teflon Cover DIAS III, Black
Adapter for Precitec KTB2 Heads to M8 thread, allowing the use of the nozzles listed on the previous page.



5 6 7 8 25



TRUMPF

# Consumables Laser Trumpf



Consumables for Trumpf® TruLaser® TruMatic® Lasers  
1030 Fiber, 3030 Fiber, 3030(L20), 3040 Fiber, 3040(L32),  
5030(L16), 5030(L52), 5030 Fiber, 5040(L18), 5040(L53),  
5040 Fiber, 5060(L19), 5060(L54), 6000(K05), 7000(K02),  
7040, & 8000



Consumables for Trumpf® TruLaser® Tube,  
Tubematic® & Tubematic® RC Lasers TCL105,  
3000, 5000(T01), 5000(T05) & 7000



Consumables for Trumpf® TruLaser® Tube,  
Tubematic® & Tubematic® RC Lasers TCL105,  
3000, 5000(T01), 5000(T05) & 7000





# Opticos Laser Trumpf

Trumpf No.	DESCRIPTION
0129880	Si 90 Phase Shift 68mm x 20mm
0129881	Si 0 Phase Shift 68mm x 20mm
0365640	Cu 90 Phase Shift 68mm x 20.32mm
0920689	Cu W/C Mirror 68mm x 34mm
0977219	U Mirror set, includes seven MMR mirrors, one PLM mirror and mounting o-rings
1331867	Polarize Lock Mirror, includes mounting o-rings
1492304	MMR Mirror includes mounting o-rings
	Mirror Polishing Compound





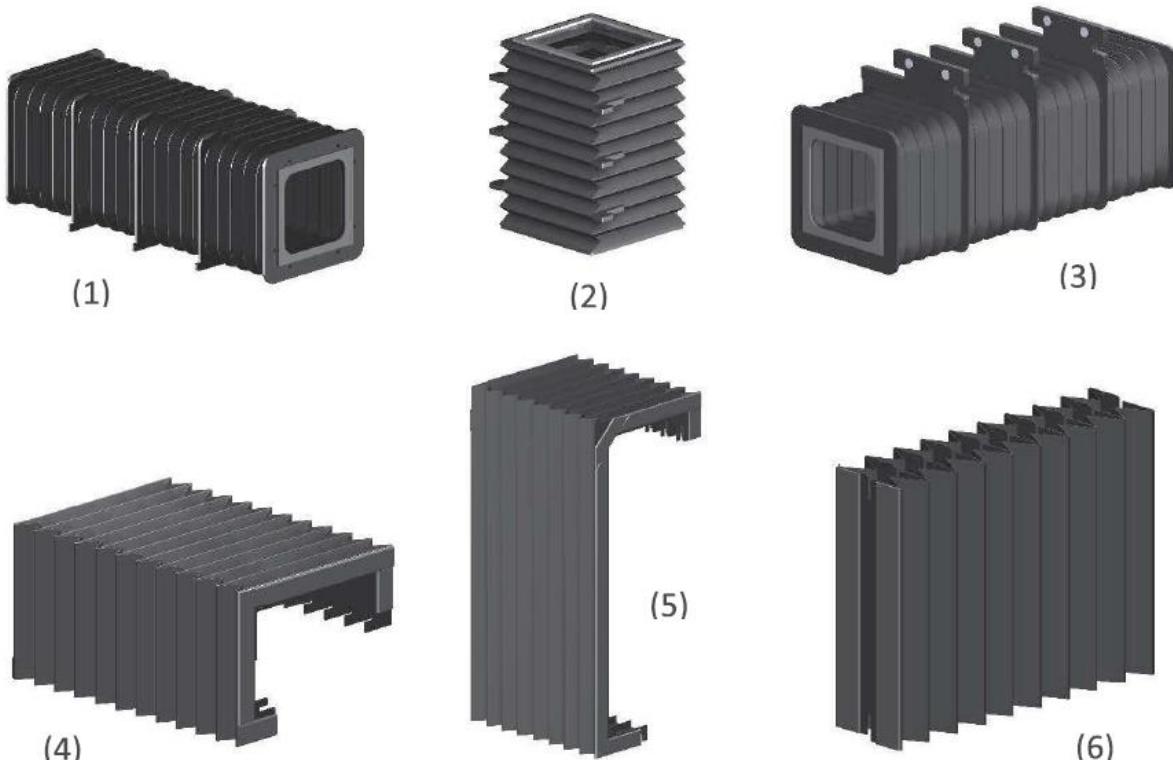
TRUMPF



# Bellows Laser Trumpf

Outline No.	Trumpf No.
1	0139850
1	0139851
3	0139852
6	0139853
4	0139854
-	0139855
5	0140160
2	0140805

DESCRIPTION
X Axis Beam Bellow (Left)
X Axis Beam Path Bellow (Right)
Y Axis Beam & Beam Path Bellow (Front & Rear)
U Axis Rail Bellow (Left & Right)
X Axis Rail Bellow (Left)
X Axis Rail Bellow (Right) - Available soon
Y Axis Rail Bellow (Front & Rear)
Z Axis Beam Path Bellow





TRUMPF

# Donaldson Trumpf

Trumpf No.
0123674
0123675
0123676
0377006
0377005
0377004
0147239
0147240
0147241

DESCRIPTION
Ultrair FF 03/10 .01µm Silicon Free Fine Filter Element
Ultrair SMF 03/10 .01µm Silicon Free Sub-Micro Filter Element
Ultrac AK 04/20 Silicon Free Activated Carbon Absorption
Ultrair FF 03/10 .01µm Silicon Free Fine Filter Element
Ultrair SMF 03/10 .01µm Silicon Free Sub-Micro Filter Element
Ultrac AK 04/20 Silicon Free Activated Carbon Absorption
Ultrair PEP 05/20 Silicon Free Air Filter
Ultrair MFP05/20 Silicon Free Air Filter
Ultrair SMFP05/20 Silicon Free Air Filter



Donaldson Air Filters



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Circuito de la hidra #133, CP 27293, Quintas la Perla.

\*Si requiere un catalogo mas amplio se lo mandamos por correo\*.

