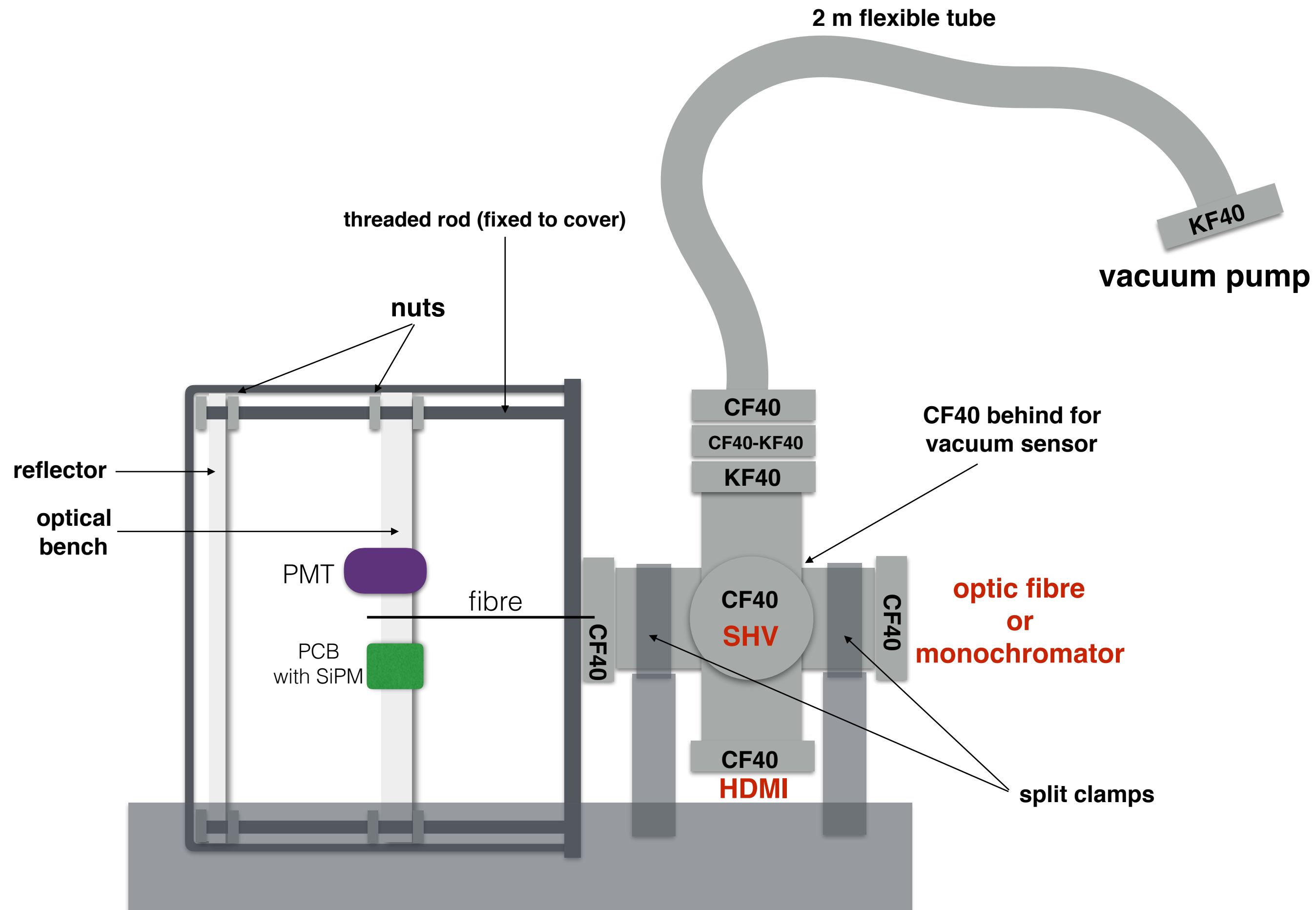
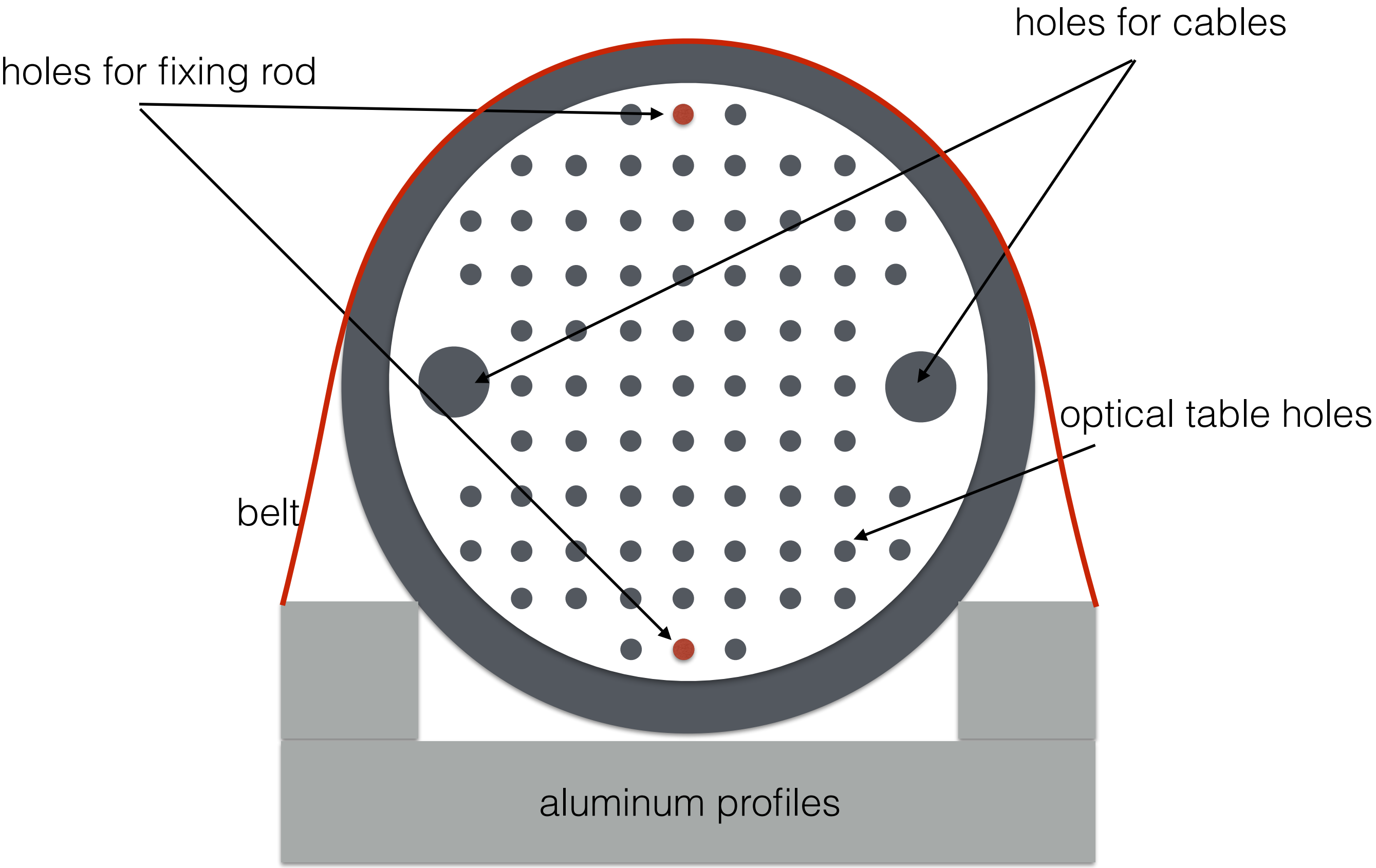


1st IFIC setup

17/03/2021





Milestone	Description	End date	Material needed
Led + cal PMT in air	System to test photon collector efficiency with led and calibrated PMT in air. Three phases: 1. SiPM. 2. SiPm VUV with fibre --> visible. 3. Plastic scintillator	April	1. Calibrated PMT 2. Led (visible) 3. Vacuum vessel 4. SiPM 5. Fibre 6. Oscilloscope 7. HV for PMT (up to 200 volts). 8. Electrómetro y picoametro 9. Plastic Scintillator plates (Nadia has 1 cm thick plates)
Led + cal PMT in vacuum	System to test photon collector efficiency with led and calibrated PMT in vacuum (below 200 nm oxygen absorbs light)	May	1. Primary Vacuum pump and turbo (10-6 mbar) 2. To be replaced by the one to be bought by Justo
Monochromator	System to test photon collector efficiency with monochromator	September (the monochromator will arrive in 4-5 months)	1. Monochromator (understand the coupling to the vacuum pump, included or not) 2. Deuterium lamp (for 128 nm) 3. Large vacuum vessel (1m x 45 cm) 4. Vacuum pump
Source + press. GAr	System to test photon collector efficiency with radioactive source in pressurized argon		1. Radioactive source 2. Pressure vessel. How much pressure ? 3. There is a getter 4. Compressor de ? bar 5. Complete gas panel
Source + LAr	System to test photon collector efficiency with radioactive source in LAr argon	December	1. Cryostat (> 0.5 cm inner length)

Description	vacom reference	unit price	units	total	weeks delivery	NEEDED FOR 1st SETUP
CF reducing, DN200KF/DN40CF, L=127mm	SPE-10135909-10	492	1	492	8	x
optical fiber feedthrough, DN40CF (2 3/4"), 1x MM400UV FSMA	CF40-MM400UV-FSMA-1	339,95	1	339,95	0	x
SHV 5kV-feedthrough, 4 x on flange DN40CF	CF40-SHV5-4-SH-SE-CE-NI	443,00	1	443	0	x
optical fiber feedthrough DN40CF (2 3/4"), 1x MM50 FC/PC	CF40-MM50-FCPC-1	730	1	730	5	x
CF blank flange according to ISO/TS 3669-2:2007	F40-304	19	6	114	0	x
CF 6-way cross, DN40, per axis 1 flange rotatable, stainless steel 304, length per axis 126mm	XX40RS-304	485	1	485	0	x
KF flexible hose, NW 40, stainless steel 321/304 length = 2000 mm	FX40K200-304	149	1	149	0	
CF-KF tubulated adapter, DN40CF/KF40, stainless steel 304, length 50mm	KA040040-304	119	1	119	3	
KF flexible hose, DN25, stainless steel 316L/304, high flexible, length 500mm	FX25K50-304	60	1	60	0	
KF Tubulated reducing adapter, DN25/16, stainless steel 304, length 28mm	KF25R16-304	20	1	20	0	
KF clamp, NW 20/25, stainless steel 304,with metric threaded wing nut	KF20/25C-304	11,90	2	23,8	6	
KF clamp, DN10/16, stainless steel 304,with metric threaded wing nut	KF10/16C-304	8,90	2	17,8	8	
KF O-ring, DN25, NBR, ID 28 x 5mm	KF25NR	0,65	2	1,3	0	
KF O-ring, DN16, NBR, ID 18 x 5mm	KF16NR	0,50	2	1	0	
CF 4 way reducer cross, NW 100/40, 2 flanges rotatable	UX100040RS-304	530	1	530	6	
CF-blank flange according to ISO/TS 3669-2:2007 nominal size DN40 (2.75" OD), non-rotatable	F40-1ALU	10,80	5	54	0	
CF Tubulated reducing adapter, DN100/63, small flange rotatable, stainless steel 304, length 70mm	TA100063R-304	164,4	1	164,4	0	
CF Tubulated reducing adapter, DN63/40, small flange rotatable, stainless steel 304, length 70mm	TA063040R-304	105	1	105	0	
CF-KF tubulated adapter, DN40CF/KF40, stainless steel 304, length 50mm	KA040040-304	119	2	238	3	
CF Copper gasket, DN40, OFHC, AD 48.1mm, ID 39,2mm, package per 10 pcs.	CU40	14,9	2	29,8	0	
CF Copper gasket, DN100, OFHC, OD 120.5mm, ID 101.8mm, package per 10 pcs.	CU100	38,9	1	38,9	0	
CF to KF tubulated adaptor, DN40CF/50KF, Edelstahl 304, length 50mm	KA040050-304	112	3	336	4	
KF Tubulated reducing adapter, DN50/40, stainless steel 304, length 28mm,	KF50R40-304	32	2	64	0	
KF clamp, DN50, stainless steel 304, with metric threaded wing nut	KF50C-304	16,9	5	84,5	0	
KF clamp, DN32/40, stainless steel 304, with metric threaded wing nut	KF32/40C-304	13,9	5	69,5	0	
KF O-ring, DN50, NBR, ID 55 x 5mm	KF50NR	1,25	5	6,25	0	
KF O-ring, DN40, NBR, ID 42 x 5mm	KF40NR	1,05	5	5,25	0	
KF Blank flange, DN50, stainless steel 304	KF50BS-304	11	3	33	0	
KF Angle Valve, DN40 manually operated	2AVM-40KF-VV-A	299	1	299	0	
Transportation		16,5	1	16,5		
Packing expenses		3,5	1	3,5		
TOTAL				5073,45		
TOTAL in stock				2246,9		