



QTY	DESCRIPTION	POS	MAT.	OBSERVATIONS	REF. CERN
6	TARGET MIRE	49		LHGMISA0002	
10	RECT. HARD. ST. ELAST. PIN 2x16	47	STEEL		47.74.92
10	GOUP. ELAST. AC. TREM. RECT. 2x16	47	ACIER		216.8
8	METALLIC PLUG CHEVILLE METALLIQUE	46	ACIER		47.86.27
3	THREADED ROD M16	45	STEEL	RATE 140mm	47.36.77
3	TIGE FILETEE M16	45	ACIER	DEBIT 140mm	160.3
3	THREADED ROD M10	44	STEEL	RATE 150mm	47.36.77
3	TIGE FILETEE M10	44	ACIER	DEBIT 150mm	100.5
12	SPHERICAL WASHER M16	43	HARD. STEEL		47.76.12
6	RONDELLE SPHERIQUE M16	43	ACIER DUR		816.6
6	RONDELLE SPHERIQUE M10	42	HARD. STEEL		47.76.12
6	RONDELLE SPHERIQUE M10	42	ACIER DUR		810.2
8	PLAIN WASHER M16	41	ST. STEEL		47.76.15
8	RONDELLE PLATE M16	41	AC. INOX		016.8
40	PLAIN WASHER LARGE M12	40	STEEL	STANDARD INDUSTRY	
40	RONDELLE PLATE LARGE M12	40	ACIER		
48	PLAIN WASHER M12	39	ST. STEEL		47.76.15
48	RONDELLE PLATE M12	39	AC. INOX		012.2
11	PLAIN WASHER M10	38	ST. STEEL		47.76.15
11	RONDELLE PLATE M10	38	AC. INOX		010.4
4	PLAIN WASHER M8	37	ST. STEEL		47.76.15
4	RONDELLE PLATE M8	37	AC. INOX		008.8
90	PLAIN WASHER M4	36	ST. STEEL A4		47.76.15
90	RONDELLE PLATE M4	36	AC. INOX A4		108.5
18	HEXAGONAL NUT M16	35	ST. STEEL		47.43.77
18	ECROU HEXAGONAL M16	35	AC. INOX		160.4
10	HEXAGONAL NUT M12	34	ST. STEEL		47.43.77
10	ECROU HEXAGONAL M12	34	AC. INOX		120.2
13	HEXAGONAL NUT M10	33	ST. STEEL		47.43.77
13	ECROU HEXAGONAL M10	33	AC. INOX		100.6
4	HEXAGONAL NUT M8	32	ST. STEEL		47.43.77
4	ECROU HEXAGONAL M8	32	AC. INOX		080.3
48	HEXAGONAL NUTS M4	31	ST. STEEL A4		47.43.78
48	ECROU HEXAGONAL M4	31	AC. INOX A4		104.8
2	HEXAGONAL HEAD SCREW M16x90	30	ST. STEEL		47.62.82
2	VIS A TETE HEXAGONALE M16x90	30	AC. INOX		540.3
8	HEXAGONAL HEAD SCREW M12x50	29	STEEL		47.62.81
8	VIS A TETE HEXAGONALE M12x50	29	ACIER		415.1
36	HEXAGONAL HEAD SCREW M12x45	27	ST. STEEL		47.62.82
36	VIS A TETE HEXAGONALE M12x45	27	AC. INOX		414.8
8	HEXAGONAL HEAD SCREW M12x30	26	ST. STEEL		47.62.82
8	VIS A TETE HEXAGONALE M12x30	26	AC. INOX		411.1
4	HEXAGONAL HEAD SCREW M10x45	25	ST. STEEL		47.62.82
4	VIS A TETE HEXAGONALE M10x45	25	AC. INOX		364.1
48	HEXAGONAL HEAD SCREW MAX20	24	ST. STEEL A4		47.62.83
48	VIS A TETE HEXAGONALE M4x20	24	AC. INOX A4		004.8
4	HC SCREW M8x40	23	STEEL	BOSSARD BN617	
4	VIS HC M8x40	23	ACIER		
4	SOCKET HEAD SCREW M12x35	22	ST. STEEL		47.62.71
4	VIS CHC M12x35	22	AC. INOX		412.9
36	SOCKET HEAD SCREW M10x70	21	ST. STEEL		47.62.71
36	VIS CHC M10x70	21	AC. INOX		369.5
4	SOCKET HEAD SCREW M8x30	20	ST. STEEL		47.62.71
4	VIS CHC M8x30	20	AC. INOX		311.3
19					
8	SEAL METAL FOR UHV FLANGE DN 16	18	CUOFS 0,1 AG		18.60.55
8	JOINT METAL. POUR BRIDE UHV DN 16	18	CUOFS 0,1 AG		840.8
17					
2	SPECIAL WASHER	16	ST. STEEL	E76.1068.4	
10	RONDELLE SPECIALE	16	AC. INOX		
10	DRIIP CUP	15	ST. STEEL	ISR 244.466.4	
10	CUVETTE	15	AC. INOX		
10	SCREEN HM12 MACHINED	14	ST. STEEL	ISR 244.373.4	
10	SCREEN HM12 USINEE	14	AC. INOX		
2	ADJUSTMENT BASE	13		ISR 244.464.1C	
2	PLAQUE DE REGLAGE	13			
2	BASIC SHEET	12		ISR 244.463.1	
2	PLAQUE DE REGLAGE	12			
2	FOOT FOR CRADLE	11		E76.1027	
1	PIED POUR BERCEAU	11			
1	CRADLE	10		E76.1026	
1	BERCEAU	10			
9	JACK ST	9		E76.1006	
9	VERIN ST	9			
1	SEXTUPOLE	8		E20.1004	
3	QUADRUPOLE	7		E12.1010	
3	QUADRUPOLE	7			
1	HORIZONTAL DIPOLE	6		PSKM80120	
1	DIPOLE HORIZONTALE	6			
1	SUPPORT	5		LE1HM_0013	
1	SUPPORT	5			
1	PLATE SUPPORT	4		LE1HM_0011	
1	PLAQUE SUPPORT	4			
2	ELECTRODE EQUIPPEE	3		LE1BPUAD0001	
2	ELECTRODE EQUIPEE	3			
1	VACUUM CHAMBER	2		LEIVCOLB0001	
1	CHAMBRE A VIDE	2			
1	FRAME / HOIST	1		LE1HMQB0001	
1	CHASSIS / PALAN	1			

Détail A
Echelle : 1:2
Scale

Détail B
Echelle : 1:2
Scale

Torque Screw A4-70 for general mechanical assembly
Serrage pour du A4-70 a sec (coeff. frottement $\mu=0.2$)

Thread	M3	M4	M5	M6	M8	M10	M12	M14	M16
Couple de serrage Tightening torque Nm	1.1	2.6	5.1	8.8	21.4	44	74	119	183