



Approximative mass : 112 kg
Masse approximative

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

3	THREADED ROD M16 TIGE FILETEE M16	13	STEEL ACIER		47.36.77 160.3
20	SPHERICAL WASHER M16 RONDELLE SPHERIQUE M16	12	HARD. STEEL ACIER DUR		47.78.12 816.6
32	PLAIN WASHER M8 RONDELLE PLATE M8	11	ST. STEEL AC. INOX		47.78.15 116.5
20	HEXAGONAL NUT M16 ECROU HEXAGONAL M16	10	STEEL ACIER		47.41.65 160.9
16	HEXAGONAL NUT M8 ECROU HEXAGONAL M8	9	ST. STEEL A4 AC. INOX A4		47.43.78 108.4
16	HEXAGONAL HEAD SCREW M8x55 VIS A TETE HEXAGONALE M8x55	8	ST. STEEL A4 AC. INOX A4		47.62.83 122.3
		7			
1	SEAL METAL FOR UHV FLANGE DN 100 JOINT METAL POUR BRIDE UHV DN100	6	CuOFS 0,1 AG CuOFS 0,1 AG		18.60.55 860.4
		5			
1	ION PUMP (VPI60) POMPE IONIQUE 601/S (VPI60)	4		VARIAN 911.5034	
		3			
1	VACUUM CHAMBER OF TRANSITION CHAMBRE A VIDE DE TRANSITION	2		LEIVCTCF0001	
1	PIER VACUUM CHAMBER PILIER CHAMBRE A VIDE	1		E76.1050	
	DESCRIPTION	POS	MAT.	OBSERVATIONS	REF. CERN
QUANT.	S. ENS / S. ASS				
Assembly of vacuum chamber pumping tank			ECHELLE SCALE	DES/DRA.	ACROTECNA 2006-06-09
PUMP TANK EQUIPPED ASSEMBLY CHAMBRE A VIDE EQUIPEE ENSEMBLE			1:5	CONTROLLED RELEASED APPROVED	
			LEILVCPT0003		
			REPLACE / REPLACES		
NON VALABLE POUR EXECUTION NOT VALID FOR EXECUTION			GAC	LEILVCPT0003	SIZE IND.
			-	1	

ORGANIZATION EUROPEENNE POUR LA RECHERCHE NUCLEAIRE
 EUROPEAN NUCLEAR RESEARCH ORGANIZATION
 DESIGN, RASSETTE, TOLERANCES
 DRAWING, RUGOSITY, TOLERANCES
 ACCORDING TO ISO STANDARDS
 PROJECTION
 LEI/LVCPT0003