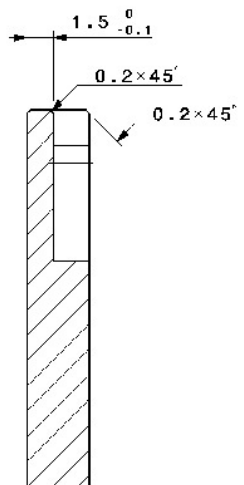
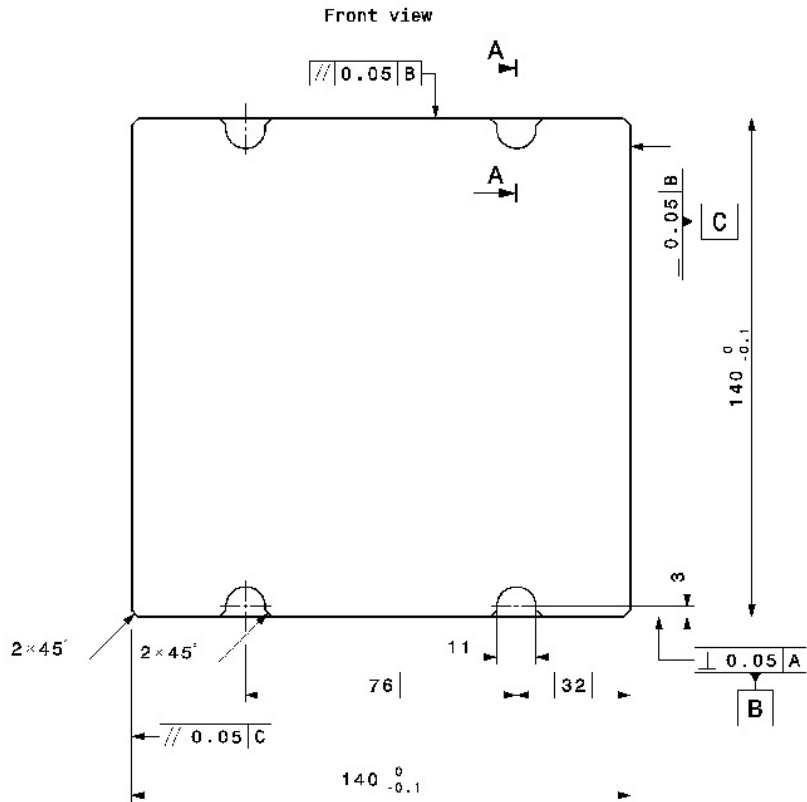
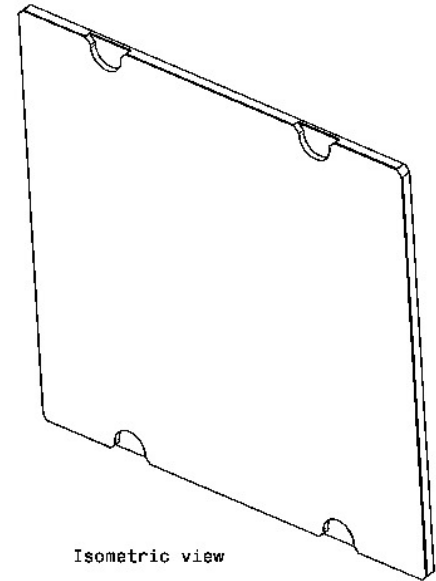


Nominal volume 67.9 cm³

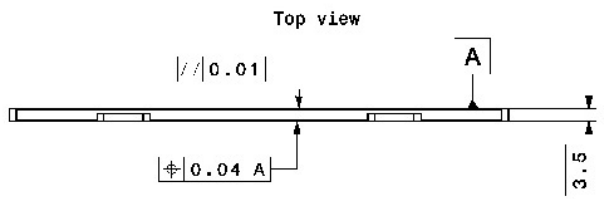


Section view A-A
Scale: 5:1



Isometric view

Mass = 1.2Kg



Top view

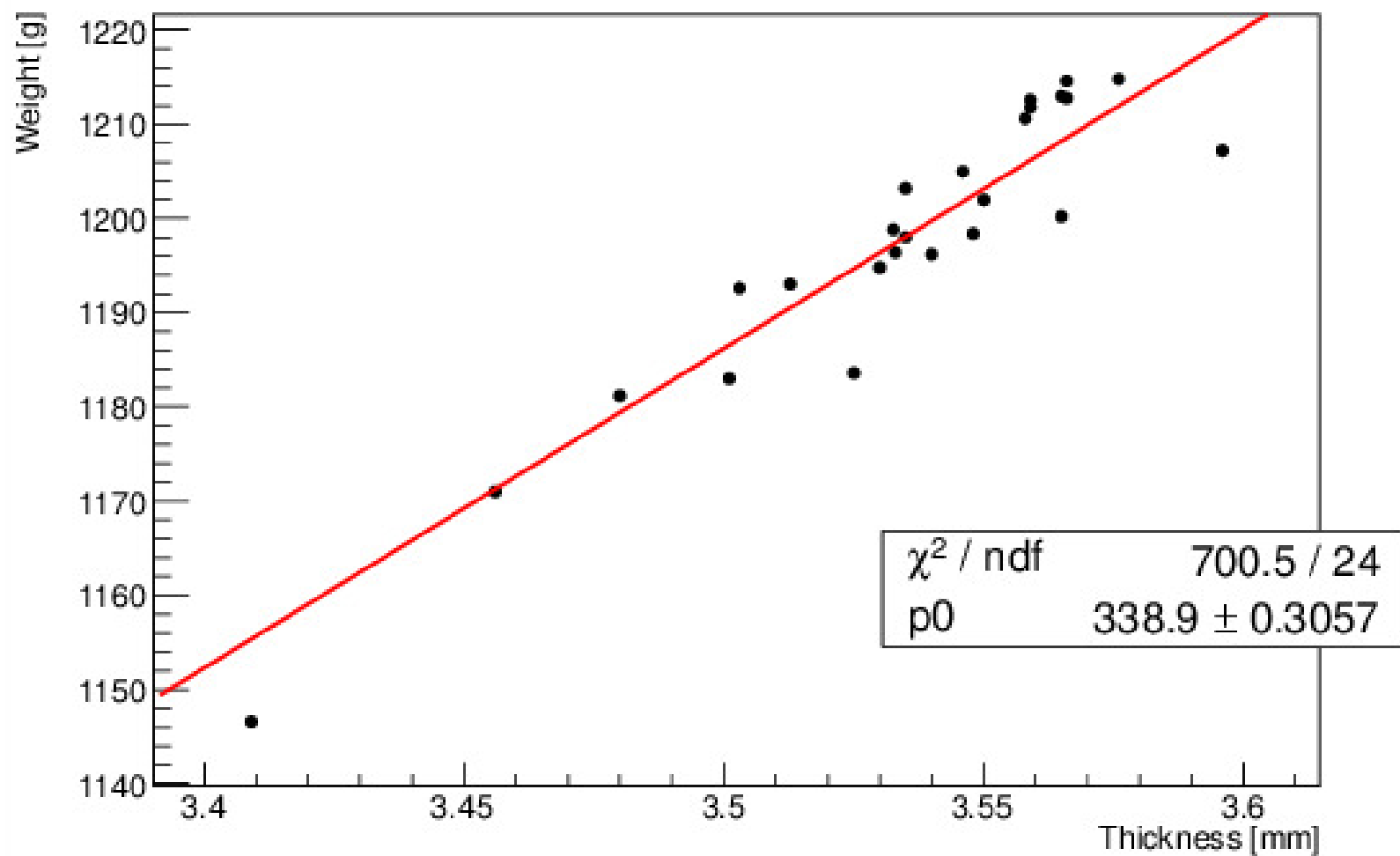
ORGANIZATION PROJEKTE PAR
 EUROPEAN INSTITUTIONS AND THE
 EUROPEAN COMMISSION
 DESIGN, MANUFACTURE, TOLERANCES
 DRAWING, MANUFACTURE TOLERANCES
 ACCORDING TO ISO STANDARDS

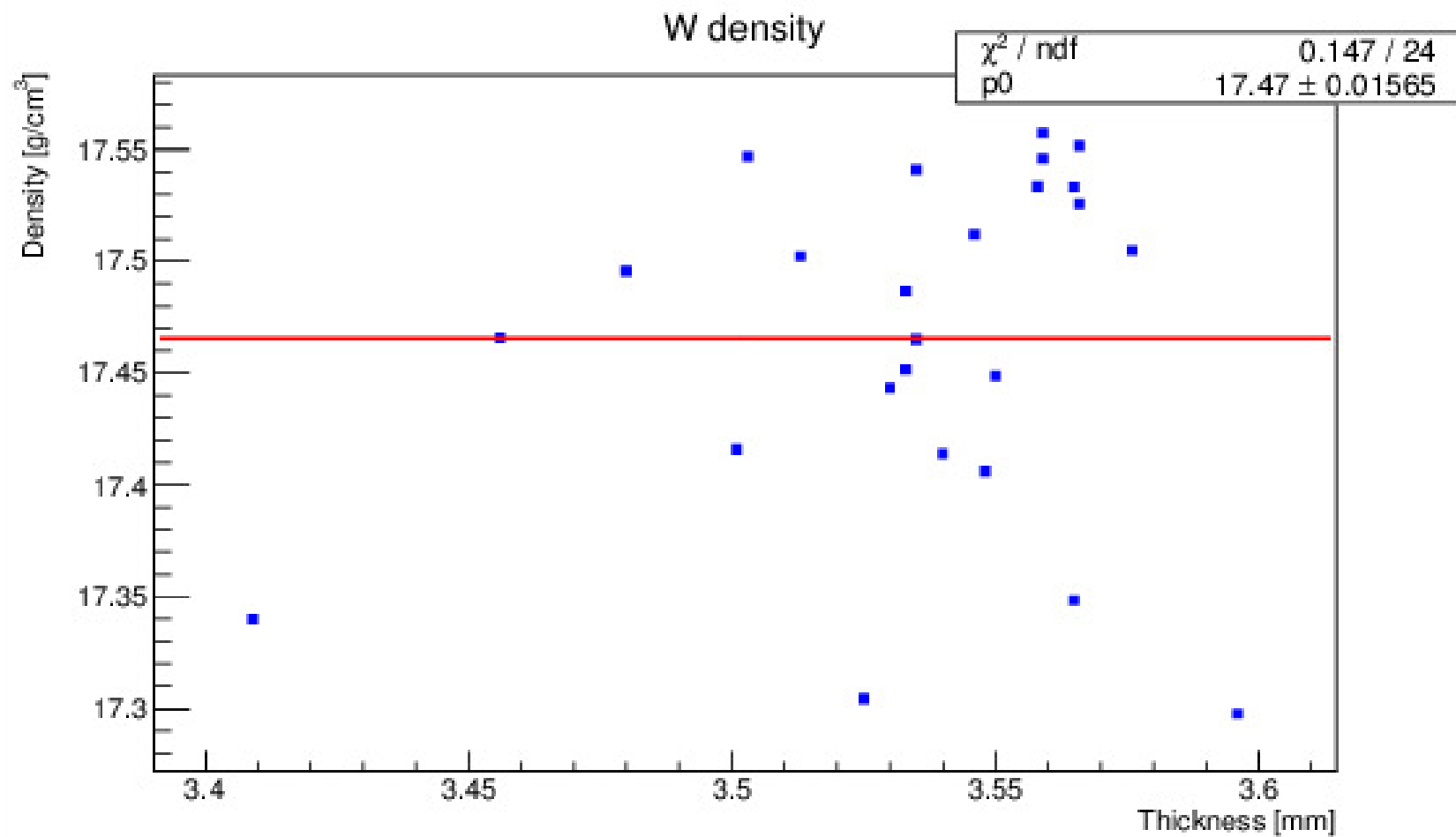
IND.	DATE	NON/NAME	ZONE	MODIFICATION
A	2012-02-22	C. BAULT		UPDATE GROOVES - ADD CHAMFER

1	1	Tungsten Inertat IT100			
QNA	DESCRIPTION	POB	MAT.	ORSPRIVATIONG	REF. OFRN
S. ENS/S. A66					
ISO 2768-FH		√ Ra 1.0	ISO 13715 -0.2 $+0.2$		
FCal Mechanical Infrastructure					
TUNGSTEN PLATE			SCALE	DES/DRA.	DATE
PLAQUE TUNGSTENE			1:1	2012-02-22	2012-02-22
			RELEASED	DATE	BY
				2012-02-22	
			ADT/DATE		
			GAD Document Number	ST0362428_02	
			REPLACES		
PROJECT ENGINEER	FOR EXECUTION	REV	LCDFMI_0009		REV IND.
			2		A

ID	Thickness (mean value), mm	Weight [g]	Volume [cm3]	Density [g/cm3]
1	3.576	1214.8	69.6356	17.45
2	3.535	1203.2	68.832	17.48
3	3.503	1192.6	68.2048	17.49
4	3.566	1214.6	69.4396	17.49
5	3.558	1210.6	69.2828	17.47
6	3.566	1212.8	69.4396	17.47
7	3.565	1213	69.42	17.47
8	3.559	1212.6	69.3024	17.50
9	3.559	1211.8	69.3024	17.49
10	3.596	1207.2	70.0276	17.24
11	3.525	1183.6	68.636	17.24
12	3.48	1181.2	67.754	17.44
13	3.54	1196.2	68.93	17.35
14	3.55	1202	69.126	17.39
15	3.513	1193	68.4008	17.44
16	3.548	1198.4	69.0868	17.35
17	3.456	1171	67.2836	17.40
18	3.535	1198	68.832	17.40
19	3.501	1183	68.1656	17.35
20	3.565	1200.2	69.42	17.29
21	3.53	1194.8	68.734	17.38
22	3.533	1196.4	68.7928	17.39
23	3.546	1205	69.0476	17.45
24	3.533	1198.8	68.7928	17.43
25	3.409	1146.6	66.3624	17.28

W absorbers





W density = 17.47 +/- 0.02 g/cm³

- Density according to the alloy mass composition (W 92.4%, Ni 5.18%, Cu 2.42%) ~ 18.5 g/cm³.
- Similar alloys:
 - VNM 5-3 (W 92%, Ni 5%, Cu 3%) - 17.0 g/cm³ and
 - VNM 3-2 (W 95%, Ni 3%, Cu 2%) - 17.9-18.1 g/cm³.
- 17.47 g/cm³ looks like a reasonable value.