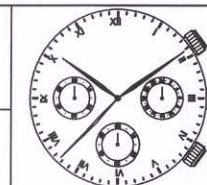


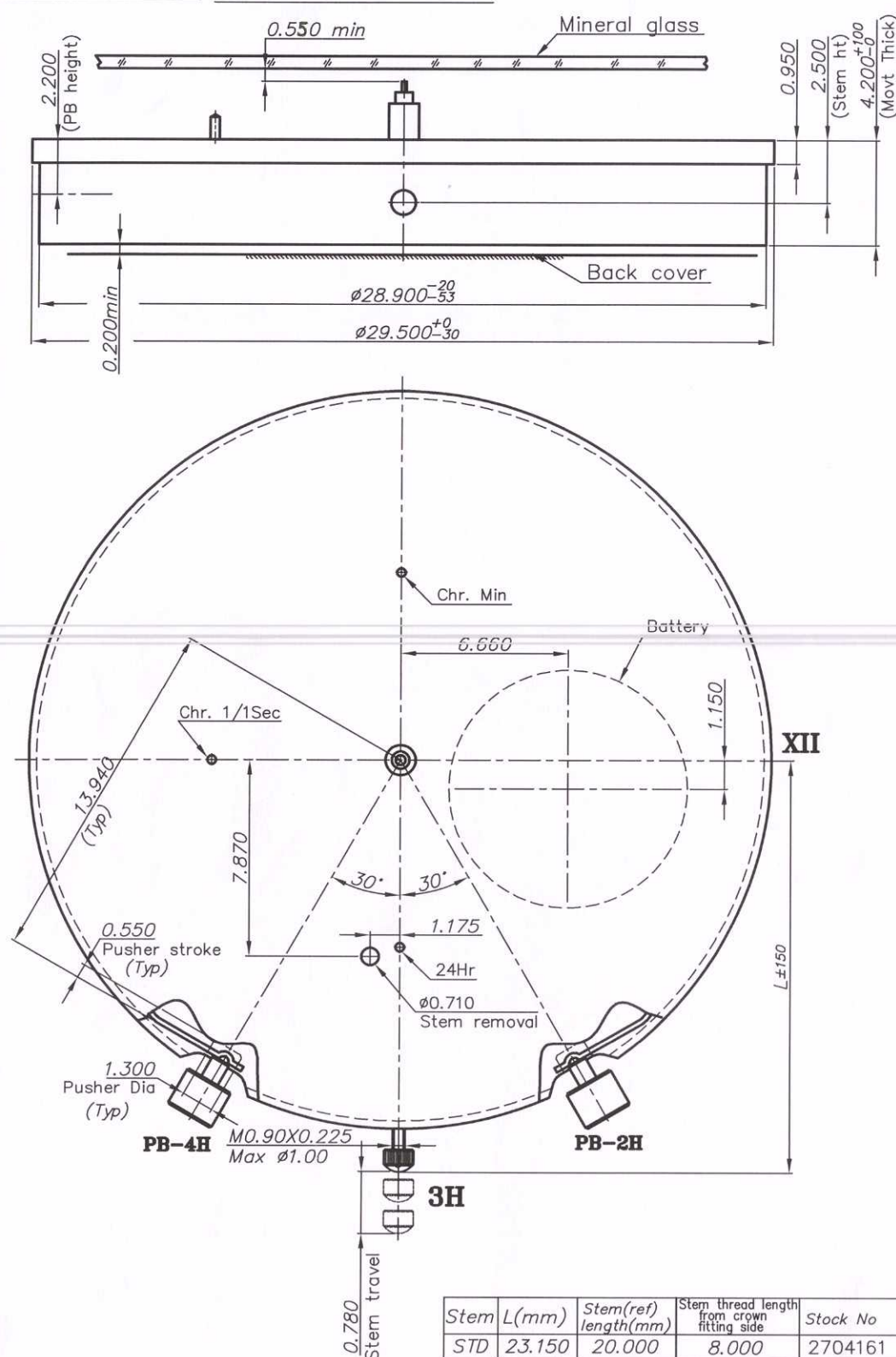


TITAN COMPANY

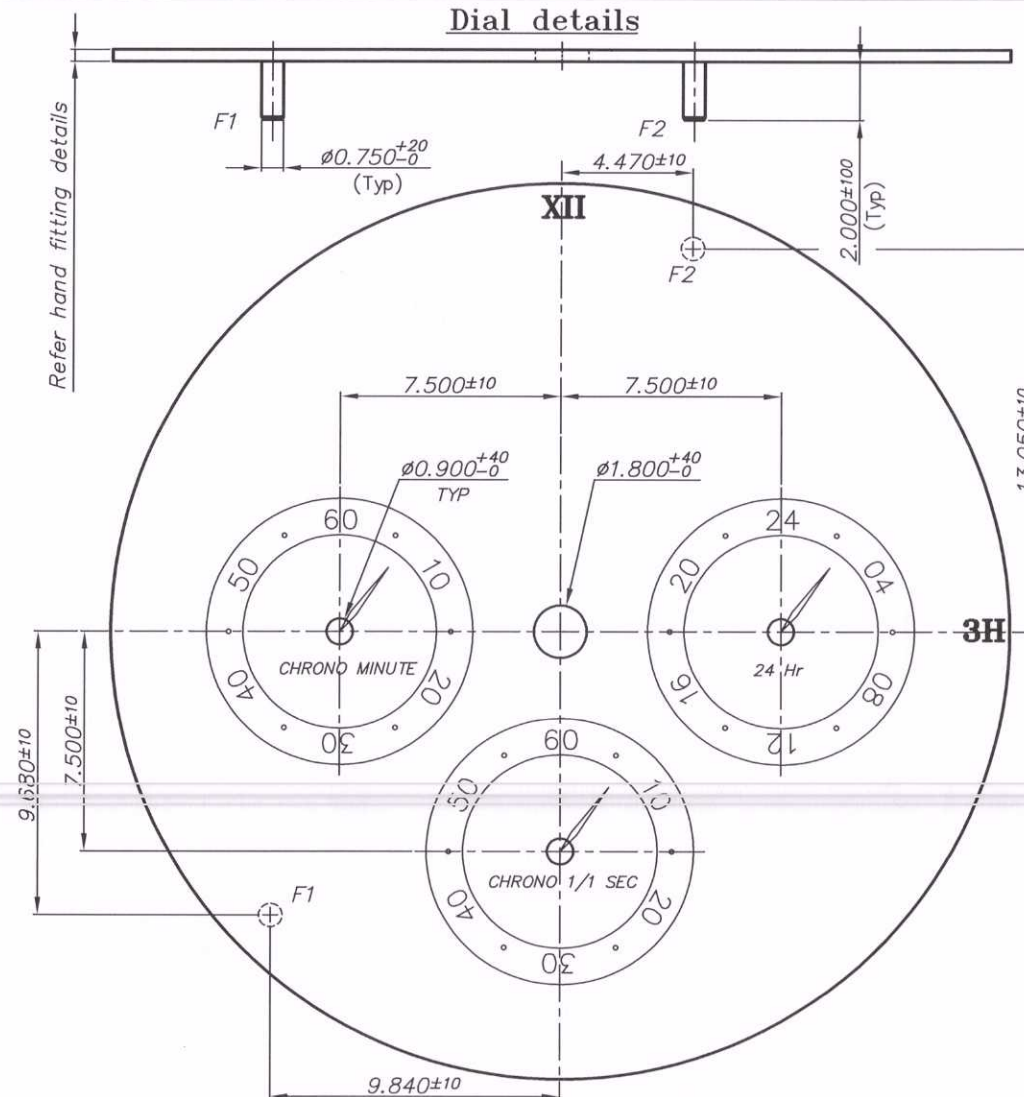
TECHNICAL DATA FOR TITAN CHRONO MOVEMENT – CAL. 7C01



Casing dimensions

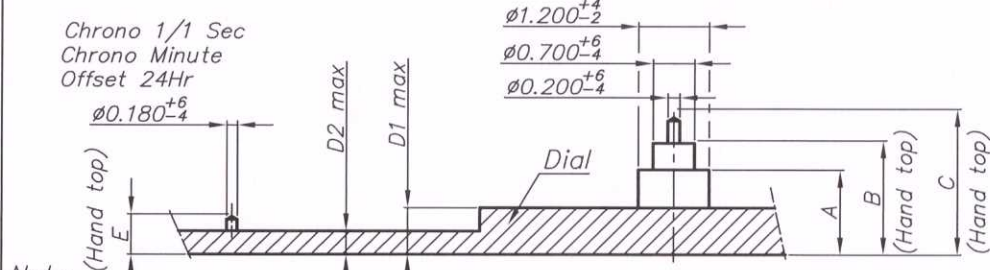


Dial details



Hand fitting dimensions

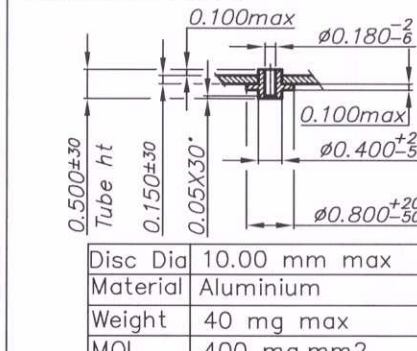
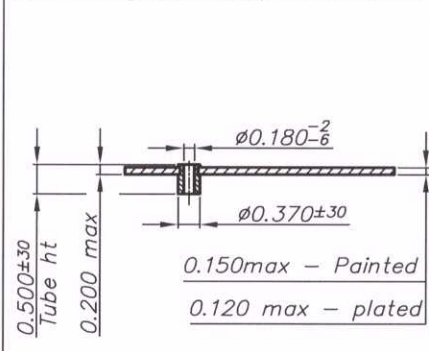
Calibre	A	B	C	E	D1	D2
STD	1.450	1.950	2.490	0.850	0.800	0.400
HIGH	2.020	2.540	3.040	0.850	1.400	0.400



Note:
-Stem height in case design to be followed according to the dial thick.
-Side Clearance of counter hands with dial wall-0.500mm min. per side
-Hands clearance should be qualified against "hand usage chart" (Length & Thick)

Chr. sec/Chr. Min/24Hr Hand

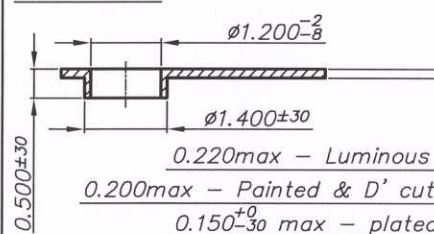
24Hr Disc Hand



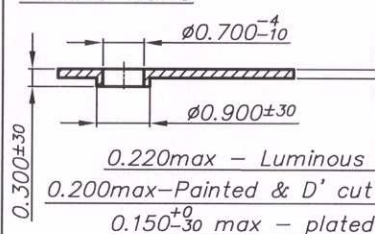
Stem	L(mm)	Stem(ref) length(mm)	Stem thread length from crown fitting side	Stock No
STD	23.150	20.000	8.000	2704161
L1	27.150	24.000	12.000	2704162
L2	28.150	25.000	12.000	2704173

Cal	G
STD	0.650
H1	0.750

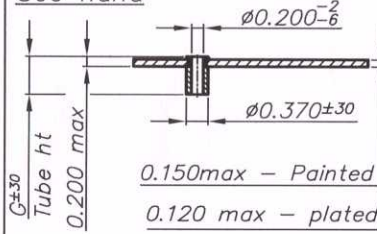
Hour hand



Minute hand



Sec hand



Movement size	12 3/4" (Ø28.90 mm)
Functions	3 hands + Chrono (1/1 sec chrono @ 6H/ Min chrono @ 9H& 24Hr at 3H)
Thickness	4.200 0/+100 mm(including battery)
Stem height	2.50 mm
No. of jewels	05
Type of IC	C-MOS-LSI
Quartz frequency	32,768 Hz
Accuracy	±20 sec/month
Pulse rate (Base & Chrono)	1 pulse per Second.
Coil resistance	Base 2.90 kΩ Chrono 2.50 kΩ
Current consum	Only Base 1.45 uA(typ) - 1.65 uA(max) Base+Chrono 2.95 uA(typ) - 3.15 uA(max)
Torque at Second hand(Base)	4.0 uNm(min) - 6.0 uNm(typ)

Operating voltage	1.2V - 2V
Effective temperature range	0 to +55°C
Shock resistance	As per NIHS 91/10
Resistance to magnetic field	As per NIHS 90/10

POWER CELL	Type	SR920SW
	Size	Ø9.5 x 2.1 mm
	Voltage	1.55 V
	Capacity	44 mAh
	Life (theoretical)	36 months(with 1Hr chr. use/day)
	Battery clamping	Positive (top clamp)

HANDS	DESCRIPTION	Minute	Second	Counter
	Imbalance mg.mm	60	15	4
	Inertia mg.mm ²	500	250	40
	Weight mg (max).	12	7	4
	Length mm (max)	Brass 14.5 Dural 17.5	14.5 17.5	5 5

Notes:			d
1) All dimensions are in mm. 2) Tolerances in μm . 3) Jewel Support should be used while hands fixing (Center Sec hand & Chrono Hands) 4) Reset function available & Crown spacer to be used *Values will be reviewed after bulk production			
Ind	Alterations	Date	Sign
d	High ver. & Disc Hand details added	27.2.20	RTMK
	Hands length & stem details updated		

Name	Prepared	Checked	Approved
Date			

TITAN COMPANY LIMITED HOSUR 635 126

T-2736 d

Sheet 1 of 1

K: Drawings\Tech data\TCL\7C01.dwg

Copy right of this drawing is owned and retained by Titan Company Limited. Unauthorised use not permissible and a cognizable offence in the absence of permission from Titan company Limited.