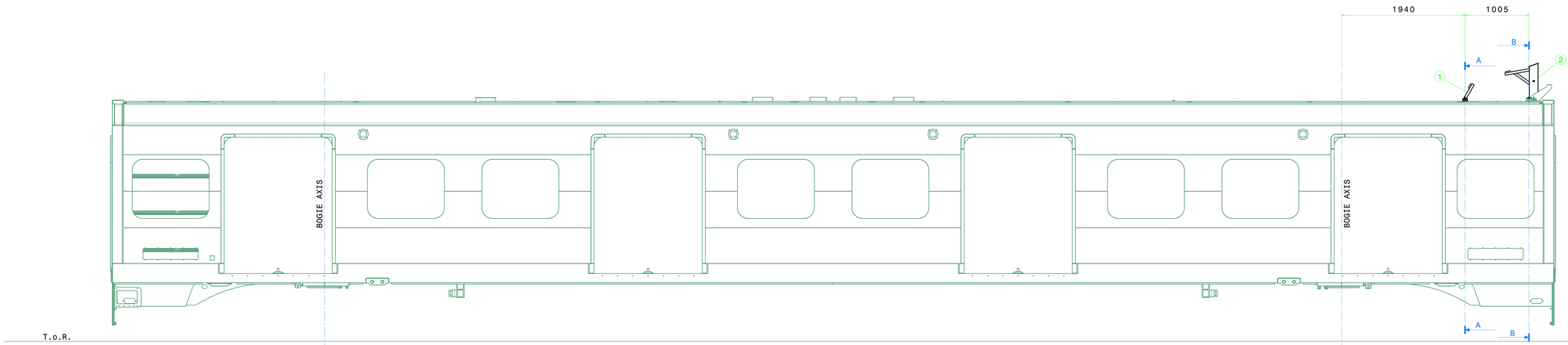
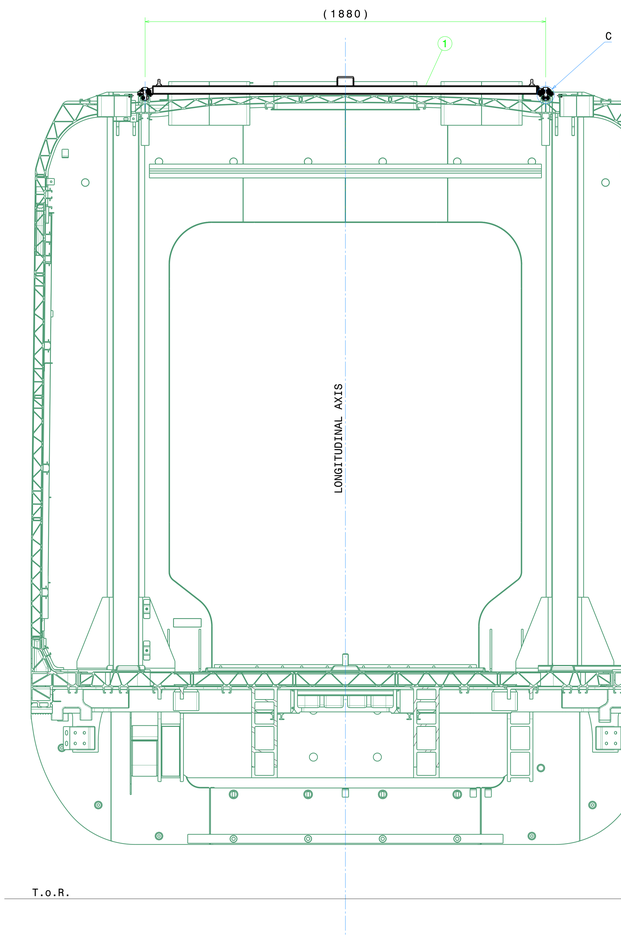
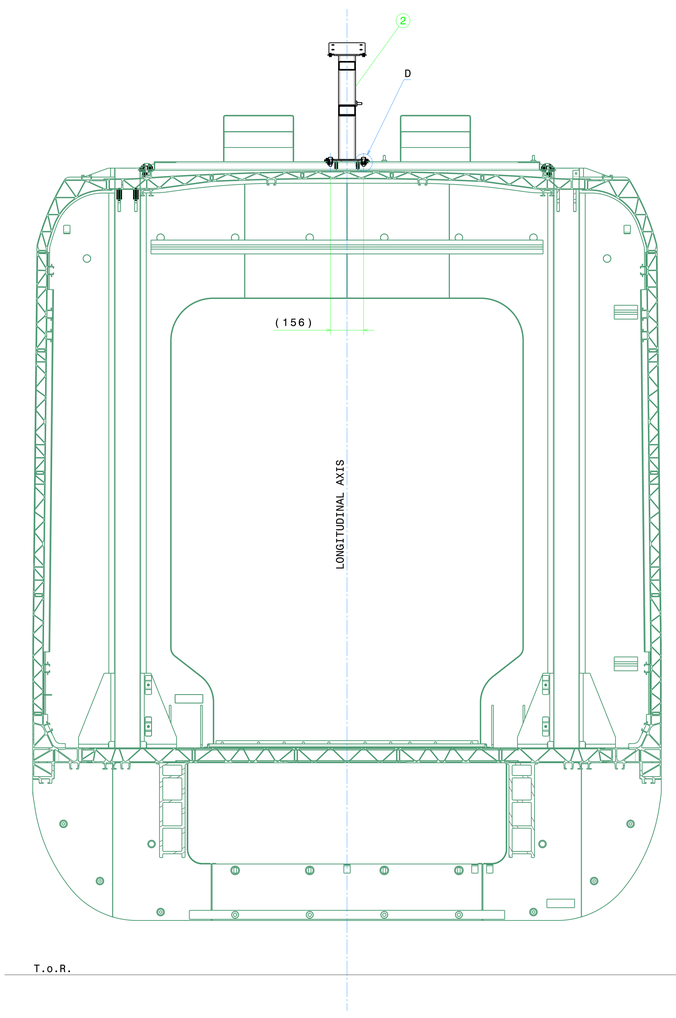


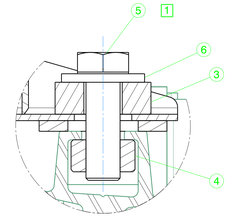
Section view A-A
Scale: 1:10



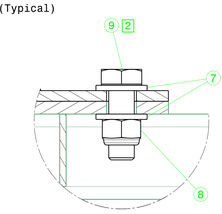
Section view B-B
Scale: 1:10



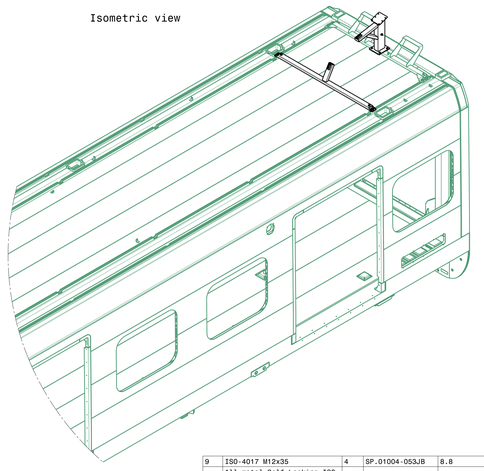
Detail C
Scale: 1:1
(Typical)



Detail D
Scale: 1:1
(Typical)



Isometric view



Ref	Torque Nm
1	221
2	86

Sign Screws or nuts with paint mark yellow

No	Parça Adý Designation Name of Item	Adet Qty.	Resim No / Norm Drawing No / Norm	Malzeme Material	Ölçü Dimension	Aðýrlýk (Kg) Weight (Kg)
9	ISO-4017 M12x35	4	SP.01004-053JB	8.8	-	-
8	All metal Self-Locking ISO 7042 M12	4	SP.02014-005JB	8.8	-	-
7	ISO 7089 For M12	8	SP.03002-007JB	8.8	-	-
6	ISO 10670 For M16	2	SP.03001-009JB	8.8	-	-
5	ISO-4017 M16x50	2	SP.01004-095JB	8.8	-	-
4	Type 01 M16 x L60	2	SP.02013-125GB	34CrMo4	-	-
3	C-Slot_Block	2	GZ10.07.07.00001	S355J2 EN10025	-	0,158 kg
2	HV_Jumper_Frame	1	GZ11.07.34.11000	-	-	11,55 kg
1	HV_Jumper_Frame	1	GZ11.07.34.10000	-	-	11,65 kg
						24.5

	ISO 21920-1	ISO 8015	ISO 2553	General Tol.	ISO 2768	f	mK	K
	EN 15085-2 Certification Level		CL1	CL2	Weld Pro.	ISO 13920	A	B	E	F
			CL3		Cast Steel	ISO 12708	Lm2	Lf2	Sm2	Sf2
	Approved	L.Giovinazzo	21/06/2023	Scale	TURASAS					
	Checked	M.Biorio	21/06/2023	1:25	Turkish Railway Vehicles Industry Inc.					
	Prepared	F.Felsini	21/06/2023							
TYP				HV_Jumper_Installation -	GZ11.07.34.00000					
	Date: 21/06/2023				Sheet : 1/1		Size:A0	Rev: 00		

Technical Specifications						
Technical Document						
Fixture/Mould Asset ID.						
Coating/Heat Tre./Roughness						
Paint/Color	-	Modf. No	Modification Description	Date	Sign	

ISO 13920 Welded Construction ISO 2768 General Tolerances / BS 12735 Steel Casting		
<1000	6,0	0,8
<630	4,0	0,7
<400	3,0	0,6
<250	3,0	0,4
100	2,0	0,3
40	1,5	0,2
L mm	Hori	Ver.
Nom. Size	Class	
<4000	2,0	0,4
<2000	1,2	0,4
<1000	0,8	0,3
<400	0,5	0,3
30-120	0,3	0,2
2-30	0,2	0,1
L mm	m	K
Nom. Size	Class	
>20000	9,0	8,0
<20000	8,0	7,0
<16000	7,0	6,0
<12000	6,0	5,0
<8000	5,0	4,0
<4000	4,0	3,0
<2000	3,0	2,0
<1000	2,0	1,5
<400	1,0	1,0
30-120	1,0	0,5
2-30	1,0	0,5
L mm	A	E
Nom. Size	Class	

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