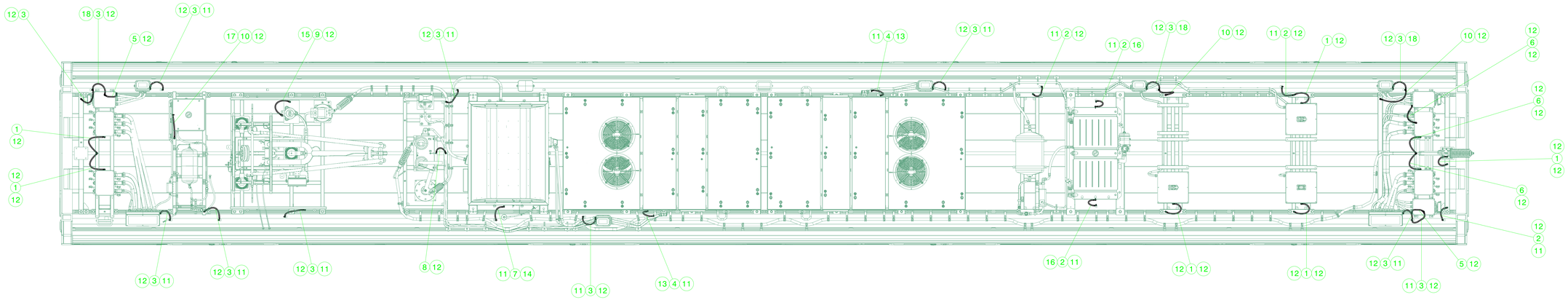

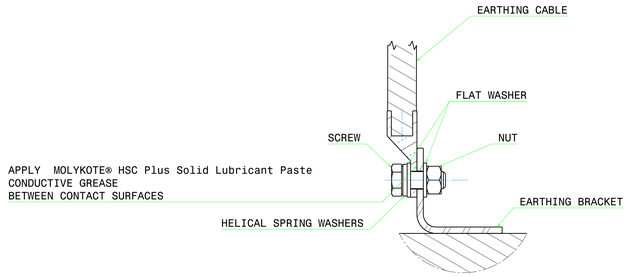

Typical Fastening
Scale: 1:1

Thread	Torque Nm
M5	4
M6	7
M8	17
M10	34
M14	95

For type details refers to GZ10.27.08.00000 drawing

Sign Screws or nuts with paint mark yellow

No	Parça Adı / Designation Name of Item	Adet / Qty.	Resim No / Norm / Drawing No / Norm	Malzeme / Material	Ölçü / Dimension	Ağırlık / Weight (Kg)
18	Fastening_Kit	3	GZ10.27.12.47000	-	-	-
17	Fastening_Kit	1	GZ11.27.12.31000	-	-	-
16	Fastening_Kit	2	GZ11.27.12.30000	-	-	-
15	Fastening_Kit	1	GZ11.27.12.29000	-	-	-
14	Fastening_Kit	1	GZ10.27.12.53000	-	-	-
13	Fastening_Kit	2	GZ10.27.12.49000	-	-	-
12	Fastening_Kit	38	GZ10.27.12.48000	-	-	-
11	Fastening_Kit	16	GZ10.27.12.12000	-	-	-
10	Type_14	3	GZ10.27.08.31000	-	-	-
9	Type_24	1	GZ11.27.08.12000	-	-	-
8	Type_23	1	GZ11.27.08.11000	-	-	-
7	Type_20	1	GZ10.27.08.37000	-	-	-
6	Type_7	3	GZ10.27.08.17000	-	-	-
5	Type_6	2	GZ10.27.08.16000	-	-	-
4	Type_4	2	GZ10.27.08.14000	-	-	-
3	Type_3	13	GZ10.27.08.13000	-	-	-
2	Type_2	5	GZ10.27.08.12000	-	-	-
1	Type_1	6	GZ10.27.08.11000	-	-	-

ISO 21920-1	ISO 8015	ISO 2553	General Tol.	ISO 2768	f☐ m☒ c☐ vK☒
EN 15085-2 Certification Level		CL1☐ CL2☐ CL3☐	Weld Pro.	ISO 13920	A☐ B☐ E☐ F☐
			Cast Steel	ISO 12708	Lm2☐ Lr2☐ Sm2☐ Sr2☐
Approved	L. Giovinazzo	19/05/2023	Scale		
Checked	Gerardi	19/05/2023	1:25		
Prepared	M.Tuccella	19/05/2023			

TYP

Roof_Earthing

-

Date: 19/05/2023

TURASAS
Turkish Railway Vehicles Industry Inc.

GZ11.27.08.10000

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Technical Specifications					
Technical Document					
Fixture/Mould Asset ID.		02	Added conductive grease	06/11/2023	
Coating/Heat Tre./Roughness		01	Harness update	28/09/2023	
Paint/Color	-	Modif. No	Modification Description	Date	Sign

ISO 13920 Welded Construction					
<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	Hard	Ydz.			
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				

ISO 2768 General Geometric Tolerances					
<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	Hard	Ydz.			
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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