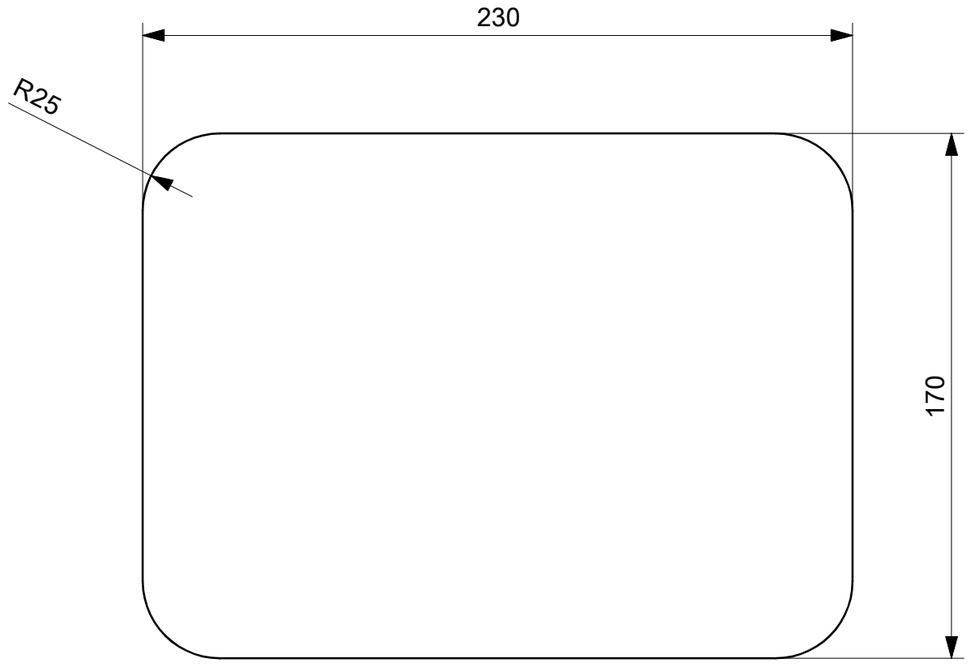

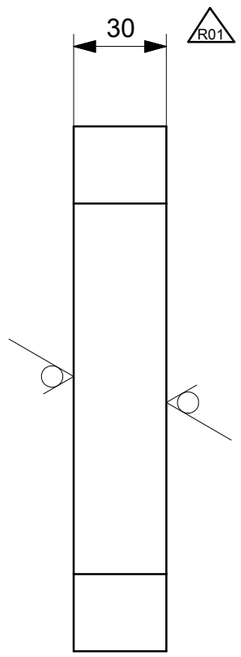

ISO 13920 Welded Construction			
	>20000	9,0	8,0
	<20000	8,0	7,0
	<16000	7,0	6,0
	<12000	6,0	5,0
	<8000	5,0	4,0
	<4000	4,0	3,0
	<2000	3,0	2,0
	<1000	2,0	1,5
	<400	1,0	1,0
	30-120	1,0	0,5
	2-30	1,0	0,5
	L mm	A ±	E ±
	Nom. Size	Class	

ISO 2768 General Tolerance			
	<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	

TS 12708 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	Raw	Form
	Nom. Size	Class	

STEEL SHEETS NOTES:

Thermal cutting - Classification of thermal cuts - Geometrical product specification and quality tolerances According to EN ISO 9013 - 231

Hot-rolled steel plates 3 mm thick or above - Tolerances on dimensions and shape According to EN10029 - B

Edge without dimension according to DIN ISO 13715

-0.3 +0.3

Ra 12.5

Technical Specifications					
Technical Document No.					
Fixture/Mould Asset ID.					
Coating/Heat Tre./Roughness		R01	Thickness increased by 10 mm	22/07/2024	T.ŞABA
Paint/Color		Mod. No	Modification Description	Date	Sign

S355J2 EN 10025 — 6.1

Item No	Designation Name of Item	Qty.	Standard Identification No Company	Material Company Code	Dimension	Weight (Kg)

ISO 21920-1	ISO 8015	ISO 2553	General Tol.	ISO 2768	f ☐	m☒	H☐	K☒	
EN 15085-2 Certification Level		CL1☐ CL2☐ CL3☐	Weld Prod.	ISO 13920	A☒	B☐	E☒	F☐	
			Cast Steel	TS 12708	Lm2☐	Lr2☐	Sm2☐	Sr2☐	

Approved	P.FARINA		Scale
Checked	M.BORLO		1 : 2
Prepared	E.PINTUS		

TYP

Plate

TURASAS
Turkish Railway Vehicles Industry Inc.

EM20.24.03.20003

Date: | Parts List No: | Sheet: 1/1 | Size:A3 | Rev:01