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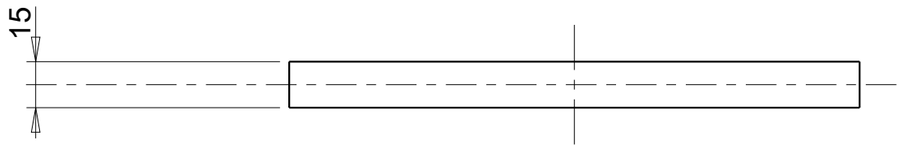
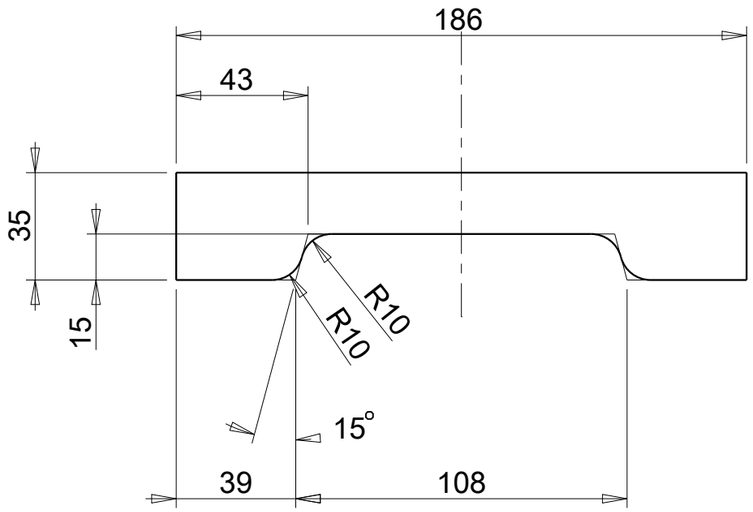
R01





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	

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	

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	

Radius not dimensioned R=2 mm

Edge without dimension according to DIN ISO 13715

-0.3 +0.3

Ra 12.5

( )

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

				S355J2 EN 10025		0.6
No	Parça Ad / Designation Name of Item	Adet / Qty.	Resim No / Norm / Drawing No / Norm	Malzeme / Material	Ölçü / Dimension	Ağirlik / Weight (Kg)

ISO 1302 ISO 8015 EN 22553				General Tol.	ISO 2768	f ☐	m ☒	H ☐	K ☒	
EN 15085-2 Certification Level		CL1 ☐	CL2 ☐	Weld Prod.	ISO 13920	A ☒	B ☐	E ☒	F ☐	
		CL3 ☐	CL4 ☐	Cast Steel	ISO 12708	Lm2 ☐	Lr2 ☐	Sm2 ☐	Sr2 ☐	
Approved	P.FARINA			Scale						
Checked	M.BORLO			1:2						
Prepared	E.PINTUS									

TÜVASAS

Turkish Wagon Industry

Plate

EM20.24.03.20016

Date:25/05/2018 | Sheet:1/1 | Size:A3 | Rev:00

Technical Specifications	-				
Technical Document	-				
Fixture/Mould Asset ID.	-				
Coating/Heat Tre./Roughness	-	1	UPDATED DRAWING	24/09/18	S.Ponzo
Paint/Color	-	Modf.No	Modification Description	Date	Sign

TYP