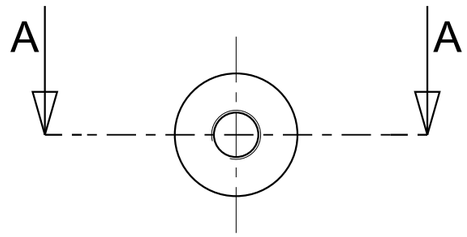

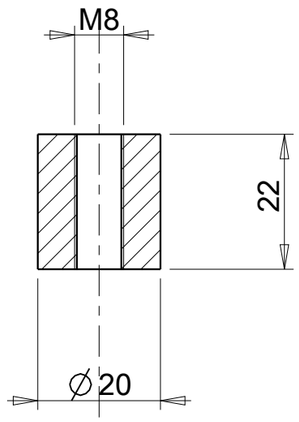

SECTION A-A

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	

Edge without dimension according to DIN ISO 13715

-0.3 +0.3

Ra 12.5

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

No	Parça Adý Designation Name of Item	Adet Qty.	Resim No / Norm Drawing No / Norm	Malzeme Material	Ölçü Dimension	Ağirlik Weight (Kg)
				S355J2 EN 10025		0.0

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			1:1					
Prepared	S.Ponzo								

TYP

Earthing Block

TÜVASAS

Turkish Wagon Industry

EM20.24.03.80003

Date:14/11/18 | Sheet:1/1 | Size:A3 | Rev:00

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