



No	Pirpa Ady Designation Name of Item	Adet Qty	Resim No / Norm Drawing No / Norm	Malzeme Material	Olgu Dimension	Akaryakıt Weight (Kg)	
	ISO 21820-1	ISO 8015	ISO 2553	General Tool	ISO 2768	m3	K01
	EN ISO8015-2 Certification Level	CL: 1	CL: 1	Weld Pipe Cast Steel	ISO 13820	Weight	K02
					ISO 12708	mm2	mm2
Approved	L.Giovanazzo	14/04/2023	Scale				
Checked	M.Borio		1:25				
Prepared	M.Copcaru	14/04/2023					
				Turkish Railway Vehicles Industry Inc.			
				Pantograph_Integrameret_Sur ge_Arrestor_Installation			
				GZ11.07.22.000000			
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Sign Screws or nuts with paint mark yellow

TYP				
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N	ISO 13920 General Tolerances 13 2703 Steel Castings		
	mm	mm	mm
<1000	6.0	0.8	
<830	4.0	0.7	
<400	3.0	0.6	
<250	3.0	0.4	
<100	2.0	0.3	
<40	1.5	0.2	
O	ISO 13920 Welded Construction		
	mm	mm	mm
<4000	2.0	Class	
<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	
P	ISO 13920 Welded Construction		
	mm	mm	mm
<20000	9.0	8.0	
>>>>>>	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	
3-20	1.0	0.5	
E	ISO 13920 Welded Construction		
	mm	mm	mm
<20000	9.0	8.0	
>>>>>>	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	
3-20	1.0	0.5	