

Standard: SFS-EN ISO 6892-1 and SFS-EN ISO 148-1

Report No. **VA551.23** Sheet **1(1)**
Attachments - pcs

Customer: Helsingin kaupunki Date of Arrival: August 2023
Tahvonlahden päiväkoti pilarit

Product Description: - Material Certificate No: -
Material: carbon steel Heat No: -
Standard: - Dimensions [mm]: 50*50*4, 90*90*6, Ø114,3*4
Delivery Condition: used

Tensile Test SFS-EN ISO 6892-1 (2019)

Test No	Dimensions [mm]	Temp [°C]	Reh N/mm ²	Rp 0.2 N/mm ²	Rp 1.0 N/mm ²	Rm N/mm ²	A5 [%]	Z [%]	Direction
V1	3,3*19,9	23	-	473	-	488	23	-	50*50*4, longitudinal
V2	6,2*20,0	23	-	292	-	453	38	-	90*90*6, longitudinal
V3	4,0*20,1	23	-	327	-	376	31	-	Ø114,3*4, longitudinal
Requirements, min.			-	-	-	-	-	-	

Uncertainty of measurements ± 2.7 %

Impact Test SFS-EN ISO 148-1 (2016)

Type: ISO V

Test No	Dimensions [mm]	Method of denomination	Temp [°C]	Absorbed Energy [J]			Average [J]	Direction
				1	2	3		
1, 2, 3	10 x 2,5	KV	-20	27	26	29	27	90*90*6, longitudinal
Requirements, min.								

Uncertainty of measurements with energy form 0-40J = 4.7 J; 41-68J = 6.2 J; 69-100J = 8J; 101-120J = 17.6 J

Chemical Composition Not Tested

Requirements	Fe	C	Si	Mn	P	S	Cr	Mo	Ni	Al	Co
Requirements	Cu	Nb	Ti	V	W	Sn	Pb	Zn	Sb		

Additional Tests

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The test results apply only to the tested sample. Partial copying of this certificate is prohibited.

Date: 18.9.2023
Place: Varkaus

Inspector: Riitta Majanen