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SKOGSINDUSTRIERNAS
TEKNIK AB
Pulp and Paper Industries' Engineering Co
Sweden

Welded tubes suitable for screwing. Stainless steel

Introduction

This standard is an excerpt from the international standard ISO 7598 - Stainless steel tubes suitable for screwing, in accordance with ISO 7/1. For tubes in accordance with this standard, threaded stainless steel fittings in accordance with SSG 1390 shall be used.

1 Designation

Tube ISO 7598 - Material - Junction (DN)

1.1 Example

Tube ISO 7598 - SS steel 23 48-23[1)] - DN 25

2 Requirements

2.1 General

2.11 Length

To be delivered in lengths of 4000 - 7000 mm.

2.12 Tolerances

Outside diameter and wall thickness in accordance with ISO 1127.

Outside diameter		Wall thickness	
Tolerance Class	Permissible deviation	Tolerance Class	Permissible deviation
D3	± 0,75%, min ± 0,3 mm	T3	± 10%, min ± 0,2 mm

Weight in accordance with ISO 7598.

Weight	
Tolerance Class	Permissible deviation
M1	± 10%, for single tubes and lots under 10 tonnes
C1	± 7,5%, for lots ≥10 tonnes

2.13 Surface quality

Tubes shall have smooth surfaces. Protuberances, depressions or shallow longitudinal scratches associated with the manufacturing process are permitted, provided that the tolerance limits are not exceeded. The ends of tubes shall be cut perpendicular to the tube axis and shall be free from burrs.

2.14 Marking

Tubes shall be marked so that they can be identified with respect to manufacturer (name of firm or trade mark) and certificate. See Pipeline Code 1978 (RN 78) of the Pressure Vessel Commission. Marking, in uncoded text, shall be applied along the entire length of the tube and shall comprise

- name of firm or trade mark
- material and condition designation in accordance with Swedish Standard, or some other national or international standard
- values of Dy x T
- production number (ASS No) allocated by the National Board of Occupational Safety and Health
- reduction factor Z

2.15 Control

Tubes shall be subjected to control in accordance with SS 21 97 11[1)].

1) Swedish standard

Postal address
Box 140, S-851 03 Sundsvall
Phone
+46 60 12 38 50
Telefax
+46 60 15 07 10

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