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Textile machinery and accessories — Strips for water jet solidification

Matériel pour l'industrie textile — Bandes pour solidification du jet d'eau

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Foreword

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The committee responsible for this document is ISO/TC 72, *Textile machinery and accessories*, Subcommittee SC 1, *Spinning preparatory, spinning, twisting and winding machinery and accessories*.

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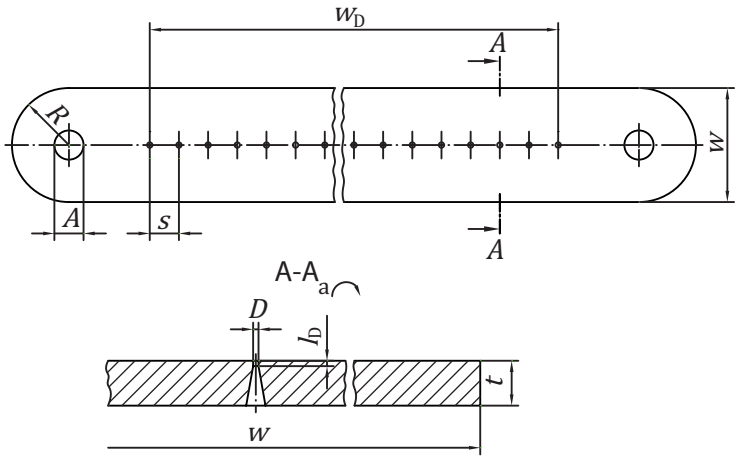
Textile machinery and accessories — Strips for water jet solidification

1 Scope

This International Standard specifies the dimensions and execution of strips for water nozzle solidification including their designation.

2 Symbols of dimensions

The designation of dimensions for jet strips are given in Figure 1, Figure 2 and Figure 3.



Key

w	width	r	number of nozzle rows
t	thickness	A	diameter of expansion drilling
w_D	length of nozzle rows	R	terminating radius
D	nozzle diameter	l_D	nozzle length
s	nozzle distance		
a	magnified presentation		

Figure 1 — Single row jet strip r = 1

The number of nozzles per metre is calculated according to Formula (1):

$$n_D = \frac{1\,000}{s} + 1 \tag{1}$$

where

n_D is the number of nozzles per metre;

s is the nozzle distance, in mm.

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