

BS ISO 11676:2014



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# Textile machinery and accessories — Pattern disks and pattern chains for warp knitting machines — Vocabulary and symbols

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**National foreword**

This British Standard is the UK implementation of ISO 11676:2014.

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A list of organizations represented on this committee can be obtained on request to its secretary.

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**Textile machinery and accessories —  
Pattern disks and pattern chains for  
warp knitting machines — Vocabulary  
and symbols**

*Matériel pour l'industrie textile — Disques d'armature et chaînes  
d'armature pour machines à tricoter à mailles jetées — Vocabulaire  
et symboles*



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## Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 72, *Textile machinery and accessories*, Subcommittee SC 3, *Machinery for fabric manufacturing including preparatory machinery and accessories*.

This second edition cancels and replaces the first edition (ISO 11676:1994), which has been technically revised.

# Textile machinery and accessories — Pattern disks and pattern chains for warp knitting machines — Vocabulary and symbols

## 1 Scope

This International Standard defines terms and marking of pattern disks and patterns chains for warp knitting machines.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 8188, *Textile machinery and accessories — Pitches of knitting machines*

ISO 10223, *Textile machinery and accessories — Flat warp knitting machines — Numbering of guide bars*

## 3 Terms and definitions

### 3.1 Terms for pattern discs

#### 3.1.1

##### **pattern disc**

disc cam for controlling the lateral motion of the guide bars and component of the mechanically controlled pattern drive

#### 3.1.2

##### **type of pattern disc**

classification of the pattern disc to a corresponding type of pattern gear

Note 1 to entry: Usual are the types N (standard) and E (elongated).

#### 3.1.3

##### **gauge**

number of needles in a needle bed per reference length

[SOURCE: ISO 11675:2005, 5.11]

#### 3.1.4

##### **number of courses**

number of stitch rows controlled by one revolution of the pattern disc

#### 3.1.5

##### **direction of rotation**

instructed assembly position of the pattern disc according to the direction of rotation of the pattern gear

#### 3.1.6

##### **starting of the notation**

position of the pattern disc in the pattern gear for the starting position of the notation