
INTERNATIONAL STANDARD



3540

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Paper or plastic printing ribbons — Characteristics of cores

Rubans imprimants en papier ou en plastique — Caractéristiques des noyaux

First edition — 1976-06-01

iTeh STANDARD PREVIEW
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UDC 651.2 : 681.61.064

Ref. No. ISO 3540-1976 (E)

Descriptors : printing ribbons, paper products, plastic products, data processing printers, office machines, cores, dimensions, dimensional tolerances.

Price based on 2 pages

FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up has the right to be represented on that Committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 3540 was drawn up by Technical Committee ISO/TC 95, *Office machines*, and circulated to the Member Bodies in October 1974.

It has been approved by the Member Bodies of the following countries :

Australia
Canada
Czechoslovakia
Finland
France

Italy
Romania
Spain
Sweden
Turkey

ISO 3540:1976
United Kingdom
U.S.A.
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Yugoslavia

The Member Body of the following country expressed disapproval of the document on technical grounds :

Germany

Paper or plastic printing ribbons – Characteristics of cores

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1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the main characteristics of cores used to carry paper or plastic open spool printing ribbons of nominal width 8 mm intended for office machines and printing machines used for information processing.

2 DIMENSIONS OF CORES

The dimensions shall be as given below and shown in figure 1.

Diameter of inner orifice : $18^{+0,2}_0$ mm

External diameter : 38 to 40 mm

Height of core when flat : $8 \pm 0,1$ mm

- external height H_e : $8 \pm 0,1$ mm
- internal height H_i : $H_i < H_e$

3 OPTIONAL FEATURES IN CORES

Cores may be provided with one or two holes in the web of the spool, and a keyway (see figure 2).

3.1 Dimensions and position of holes

If one or two holes in the web of the spool are necessary for use, they shall have a diameter of $4^{+0,2}_0$ mm and their centres shall be placed diametrically opposite on a circle with a diameter of $28,5 \pm 0,05$ mm.

3.2 Dimensions of the keyway

If a keyway is necessary for use, it shall be $1,6 \pm 0,12$ mm wide and $0,8 \pm 0,12$ mm deep.

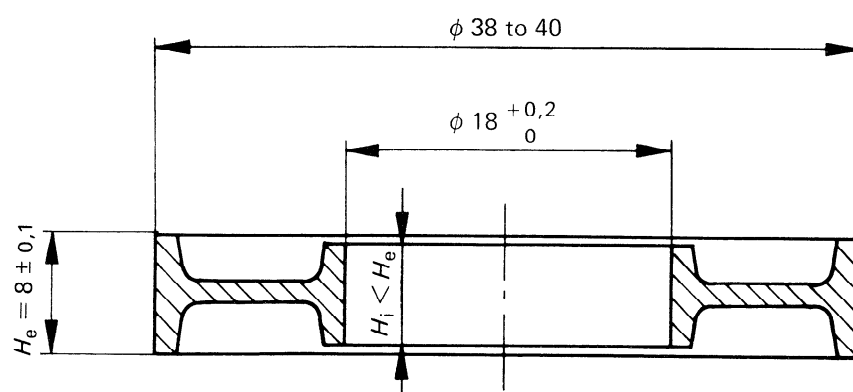


FIGURE 1 -- Section through a diameter of the core

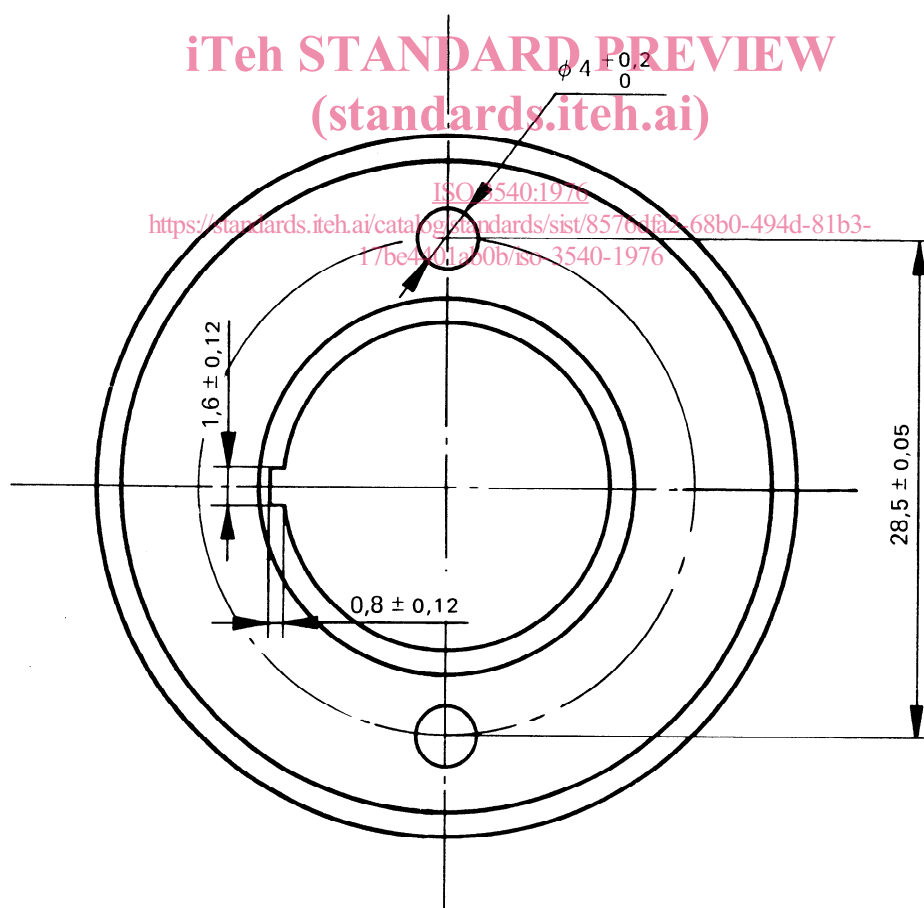


FIGURE 2 – Optional features in the core