
INTERNATIONAL STANDARD



2802

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

Textile machinery and accessories – Plastic travellers for spinning and twisting

Matériel pour l'industrie textile – Curseurs en matière plastique pour anneaux de continus à filer et à retordre

First edition – 1974-03-01

ITeH STANDARD PREVIEW

(standards.iteh.ai)

ISO 2802:1974

<https://standards.iteh.ai/catalog/standards/sist/3062a18e-8241-4a44-b1e4-fd142fc43a21/iso-2802-1974>

UDC 677.052.31 + 677.052.63

Ref. No. ISO 2802-1974 (E)

Descriptors : textile machinery, ring-spinning, ring-doubling, accessories, travellers (sliders), dimensions, designation.

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 2802 was drawn up by Technical Committee ISO/TC 72, *Textile machinery and accessories*, and circulated to the Member Bodies in June 1972.

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

Belgium	Germany	Switzerland
Chile	India	Thailand
Czechoslovakia	Iran	Turkey
Egypt, Arab Rep. of	Italy	United Kingdom
Finland	Poland	U.S.S.R.
France	Romania	

No Member Body expressed disapproval of the document.

Textile machinery and accessories — Plastic travellers for spinning and twisting

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1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the type, form and range of the numbers of plastic travellers for spinning and twisting, defined in ISO/R 97.

It also specifies the method of designation of these travellers.

2 REFERENCES

ISO 3, *Preferred numbers — Series of preferred numbers.*

ISO/R 97, *Rings for ring-spinning and ring-doubling frames for ear-shaped travellers.*

3 SPECIFICATIONS

3.1 Traveller numbering

The number of a traveller represents the numerical value of the nominal mass, in grams, of 1 000 travellers of the same type.

3.2 Range of the numbers

The numerical values of the range correspond with those of the R20 series of preferred numbers (see ISO 3), this range comprising all the values from 25 to 10 000 inclusive.

3.3 Mass tolerance

The admitted tolerance of the nominal mass for 1 000 travellers of the same type is $^{+5}_0$ % of the numerical value of the traveller number.

3.4 Traveller designation

The designation of a traveller shall comprise, in order, traveller type, ring height, traveller number and the material of which it is made.

Examples : HZ-traveller, No. 400, for ring height 16,7 mm, in nylon, shall be designated as follows :

HZ 16,7 – 400 nylon

J-traveller, No. 100, for ring height 11,1 mm, in nylon, shall be designated as follows :

J 11,1 – 100 nylon

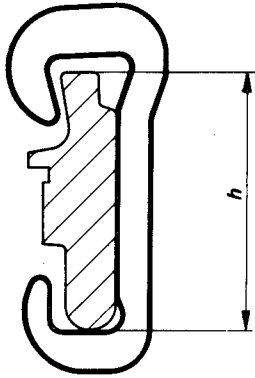


FIGURE 1 – Traveller type HZ on vertical ring

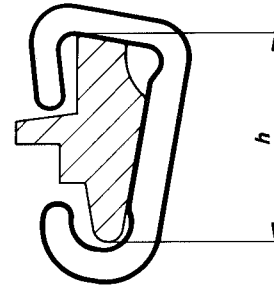

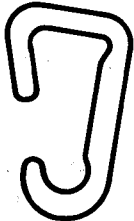


FIGURE 2 – Traveller type J on conical ring

TABLE – Type HZ and J travellers and rings¹⁾

Traveller			Ring height	
Type	Form	Range of the numbers ²⁾	Height ¹⁾ <i>h</i> [mm]	Designation
HZ		<p>ISO 2802:1974 https://standards.iteh.ai/catalog/standards/sist/3062a18e-8241-4a44-b1e4-fd142fc43a21/iso-2802-1974</p> <p>25,0 – 28,0 – 31,5 – 35,5 – 40,0 – 45,0 – 50,0 – 56,0 – 63,0 – 71,0 – 80,0 – 90,0 – 100 – 112 – 125 – 140 – 160 – 180 – 200 – 224 – 250 – – 10 000</p>	6,3	HZ 6,3
			9,5	HZ 9,5
			11,1	HZ 11,1
			16,7	HZ 16,7
			25,4	HZ 25,4
			38,1	HZ 38,1
J			11,1	J 11,1
			17,4	J 17,4

1) According to ISO/R 97.

2) Values from the R20 series of preferred numbers, according to ISO 3.