

# INTERNATIONAL STANDARD



4105

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

## Textile machinery and accessories – Wires for flexible card clothings

*Matériel pour l'industrie textile – Fils pour garnitures de cartes souples*

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ISO 4105:1978

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UDC 677.051.178

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**Descriptors :** textile machinery, wire, cards (machines), specifications, geometric characteristics, dimensions.

## **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 4105 was developed by Technical Committee ISO/TC 72, *Textile machinery and accessories*, and was circulated to the member bodies in June 1977.

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It has been approved by the member bodies of the following countries :

[ISO 4105:1978](#)

Belgium	Japan	Switzerland
Czechoslovakia	Mexico	fa0eeced5ba7iso-4105-1978
Egypt, Arab Rep. of	Netherlands	Turkey
France	Poland	United Kingdom
Germany, F.R.	Romania	U.S.S.R.
India	South Africa, Rep. of	Yugoslavia
Italy	Spain	

No member body expressed disapproval of the document.

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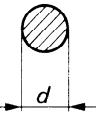
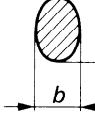
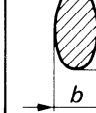
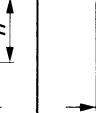
#### 1 SCOPE AND FIELD OF APPLICATION

[ISO 4105:1978](#)

This International Standard specifies the dimensions, the shapes and sections of wires for flexible card clothings.

[http://standards.iteh.ai/standard/iso-4105-1978.html](#)  
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## 2 CHARACTERISTICS

Card wire size equivalence		Continental card wire number	Card wire					$h$	$d$ or $b$
			round	biconvex	ovoid	triangular	flat		
mm	Gauge								
			Card wire gauge					mm	mm
1,83	15	0000000	—	—	—	—	—	—	1,83
1,625	16	0000000	—	—	—	—	—	—	1,625
1,42	17	000000	17	—	—	—	—	—	1,42
1,215	18	00000	18	—	—	15/18	—	1,83	1,215
1,015	19	0000	19	—	—	16/19	—	1,625	1,015
0,91	20	000	20	—	—	17/20	—	1,42	0,91
0,81	21	000	21	17/21	—	—	—	1,42	0,81
0,71	22	000	22	18/22	—	18/22	—	1,215	0,71
0,63	23	000	23	19/23	—	19/23	—	1,015	0,63
0,58	24	000	24	20/24	—	20/24	—	0,91	0,58
0,53	25	000	25	21/25	—	21/25	—	0,81	0,53
0,48	26	000	26	—	19/26	—	—	1,015	0,48
				22/26	—	22/26	—	0,71	
0,43	27	000	27	—	20/27	—	—	0,91	0,43
				(23/27)	—	(23/27)	—	0,63	
0,405	28	000	28	—	21/28	—	—	0,81	0,405
				24/28	—	24/28	—	0,58	
0,38	29	000	29	—	22/29	—	—	0,71	0,38
				25/29	—	25/29	—	0,53	
0,355	30	000	30	—	23/30	—	—	0,63	0,355
				26/30	—	26/30	—	0,48	
0,33	31	000	31	—	24/31	—	—	0,58	0,33
				27/31	—	27/31	—	0,43	
0,305	32	000	32	—	25/32	—	—	0,53	0,305
				28/32	—	28/32	—	0,405	
0,28	33	000	33	—	26/33	—	—	0,48	0,28
				—	27/33	—	—	0,43	
				29/33	—	29/33	—	0,38	
0,255	34	000	34	—	—	—	22/34	0,71	0,255
				—	—	—	24/34	0,58	
				—	—	—	26/34	0,48	
				—	28/34	—	—	0,405	
				30/34	—	30/34	—	0,355	
0,23	35	000	35	—	29/35	—	—	0,38	0,23
				31/35	—	31/35	—	0,33	
0,205	36	000	36	—	30/36	—	—	0,355	0,205
				32/36	—	32/36	—	0,305	

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