
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 cardes souples

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[ISO 4105:1978](https://standards.iteh.ai/catalog/standards/sist/ab360305-bad2-4148-ac68-fa0eeced56af/iso-4105-1978)

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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 :

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

No member body expressed disapproval of the document.

Textile machinery and accessories – Wires for flexible card clothings

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1 SCOPE AND FIELD OF APPLICATION

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

[ISO 4105:1978](https://standards.iteh.ai/catalog/standards/sis/a6566565-6ad2-4148-ac08-fa0eccc56af/iso-4105-1978)

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[fa0eccc56af/iso-4105-1978](https://standards.iteh.ai/catalog/standards/sis/a6566565-6ad2-4148-ac08-fa0eccc56af/iso-4105-1978)

2 CHARACTERISTICS

Card wire size equivalence			Card wire					h	d or b
			round	biconvex	ovoid	triangular	flat		
		Continental card wire number							
mm	Gauge		Card wire gauge					mm	mm
1,83	15	0000000	—	—	—	—	—	1,83	
1,625	16	000000	—	—	—	—	—	1,625	
1,42	17	00000	17	—	—	—	—	1,42	
1,215	18	0000	18	—	—	15/18	—	1,83 1,215	
1,015	19	000	19	—	—	16/19	—	1,625 1,015	
0,91	20	00	20	—	—	17/20	—	1,42 0,91	
0,81	21	0	21	17/21	—	—	—	1,42 0,81	
0,71	22	2	22	18/22	—	18/22	—	1,215 0,71	
0,63	23	4	23	19/23	—	19/23	—	1,015 0,63	
0,58	24	6	24	20/24	—	20/24	—	0,91 0,58	
0,53	25	8	25	21/25	—	21/25	—	0,81 0,53	
0,48	26	10	26	—	19/26	—	—	1,015	0,48
			22/26	—	—	22/26	—	0,71	
0,43	27	12	27	—	20/27	—	—	0,91	0,43
			23/27	—	—	23/27	—	0,63	
0,405	28	14	28	—	21/28	—	—	0,81	0,405
			24/28	—	—	24/28	—	0,58	
0,38	29	16	29	—	22/29	—	—	0,71	0,38
			25/29	—	—	25/29	—	0,53	
0,355	30	18	30	—	23/30	—	—	0,63	0,355
			26/30	—	—	26/30	—	0,48	
0,33	31	20	31	—	24/31	—	—	0,58	0,33
			27/31	—	—	27/31	—	0,43	
0,305	32	22	32	—	25/32	—	—	0,53	0,305
			28/32	—	—	28/32	—	0,405	
0,28	33	24	33	—	26/33	—	—	0,48	0,28
			—	—	27/33	—	—	0,43	
			29/33	—	—	29/33	—	0,38	
0,255	34	26	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	28	35	—	29/35	—	—	0,38	0,23
			31/35	—	—	31/35	—	0,33	
0,205	36	30	36	—	30/36	—	—	0,355	0,205
			32/36	—	—	32/36	—	0,305	