
**Textile machinery — Knitting
machines — Nominal diameters of
circular machines**

*Matériel pour l'industrie textile — Machines à tricoter — Diamètres
nominaux des machines circulaires*

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Published in Switzerland

Foreword

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 8117 was prepared by Technical Committee ISO/TC 72, *Textile machinery and machinery for dry-cleaning and industrial laundering*, Subcommittee SC 3, *Machinery for fabric manufacturing including preparatory machinery and accessories*.

This second edition cancels and replaces the first edition (ISO 8117:1986), which has been technically revised.

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Textile machinery — Knitting machines — Nominal diameters of circular machines

1 Scope

This International Standard specifies the nominal diameters of circular knitting machines and the numerical designations corresponding to the size of the machines. It is applicable to small- and large-diameter circular knitting machines and to sinker machines.

2 Normative references

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

ISO 7839, *Textile machinery and accessories — Knitting machines — Classification and vocabulary*

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

3 Nominal diameters and numerical designation

For classifications and the vocabulary of knitting machines, see ISO 7839; for needle pitches, see ISO 8188. Table 1 specifies the nominal diameter, in millimetres, and the numerical designation applicable to each machine size.

Table 1 — Circular knitting machines

Small circular knitting machines		Large circular knitting machines	
Nominal diameter	Designation	Nominal diameter	Designation
57	2 1/4	178	7
64	2 1/2	190	7 1/2
70	2 3/4	203	8
76	3	229	9
83	3 1/4	254	10
89	3 1/2	279	11
95	3 3/4	305	12
102	4	330	13
108	4 1/4	356	14
114	4 1/2	381	15
121	4 3/4	406	16
127	5	432	17
133	5 1/4	457	18
140	5 1/2	483	19
146	5 3/4	508	20
152	6	533	21
165	6 1/2	559	22
		584	23
		610	24
		635	25
		660	26
		711	28
		762	30
		(787)	(31)
		813	32
		(838)	(33)
		864	34
		914	36
		965	38
		1 016	40
		1 067	42
		1 118	44
		1 168	46
		1 219	48
		1 270	50
		1 321	52
		1 372	54
		1 422	56
		1 473	58
		1 524	60

Values shown in brackets should be avoided as far as possible.

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ICS 59.120.40

Price based on 2 pages