INTERNATIONAL STANDARD

ISO 10208

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Rock drilling equipment — Left-hand rope threads

Matériel de forage des roches — Filetage corde à gauche

Reference number
ISO 10208:1991(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established 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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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.

International Standard ISO 10208 was prepared by Technical Committee ISO/TC 82, *Mining*.

This present International Standard, together with ISO 10207:1991, cancels and replaces ISO 1719:1974 and ISO 1720:1974, of which it constitutes a technical revision.

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Case Postale 56 • CH-1211 Genève 20 • Switzerland

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Rock drilling equipment — Left-hand rope threads

1 Scope

This International Standard specifies the dimensions and tolerances of left-hand rope threads to be used on rope threaded drill steel equipment for percussive drilling.

2 Dimensions

The dimensions of left-hand rope threads shall comply with those shown in figure 1 and given in table 1. Figure 2 shows supplementary details on the joint-tangent of R_1 and R_2 (pitch = 12,7 mm).

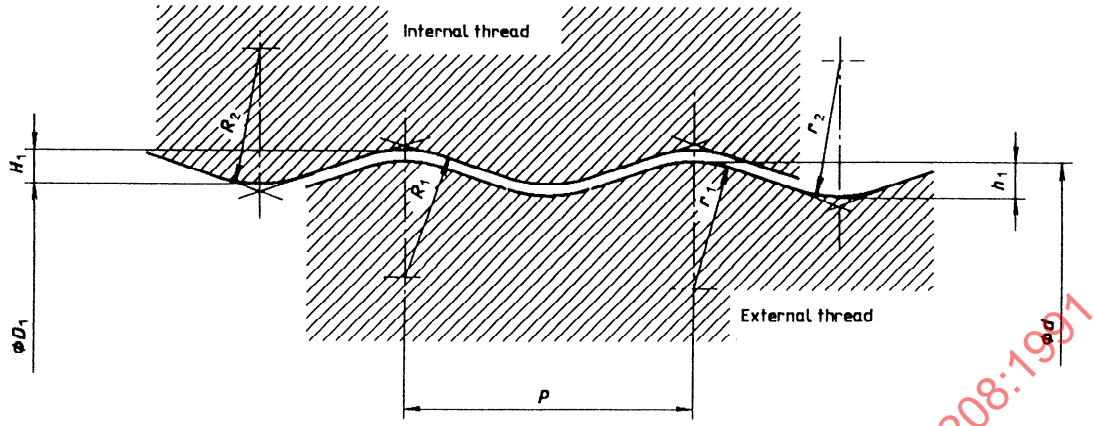

Figure 1

Table 1

Dimensions in millimetres

Nominal thread diameter	Internal thread				External thread				Pitch
	D_1 $^{+0,25}_{0}$	H_1 $^{+0,2}_{0}$	R_1 $\pm 0,4$	R_2 $\pm 0,4$	d $^{0}_{-0,2}$	h_1 $^{+0,2}_{0}$	r_1 $\pm 0,4$	r_2 $\pm 0,4$	P
22	18,86	1,5	5,5	6	21,84	1,5	5,5	6	12,7
25	21,76	1,5	5,5	6	24,74	1,5	5,5	6	12,7
28	24,95	1,5	5,5	6	27,95	1,5	5,5	6	12,7
32	28,36	1,5	5,5	6	31,34	1,5	5,5	6	12,7
38	35,01	1,5	5,5	6	37,99	1,5	5,5	6	12,7

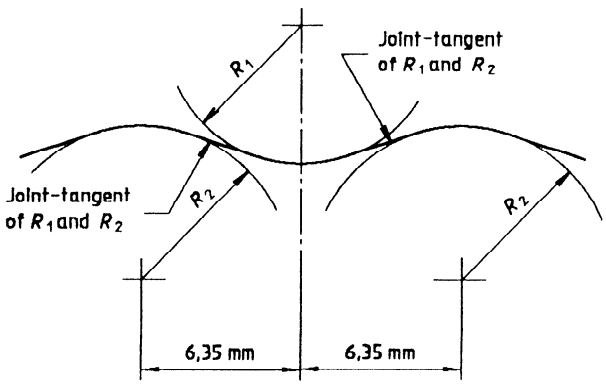

Figure 2

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