

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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## 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).

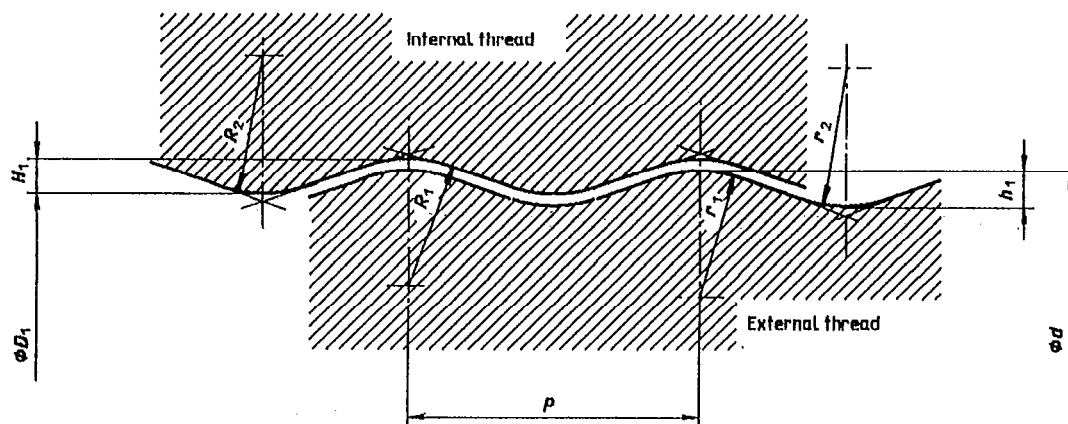


Figure 1

Table 1

Dimensions in millimetres

Nominal thread diameter	Internal thread				External thread				Pitch $P$
	$D_1$ $+0,25$ $0$	$H_1$ $+0,2$ $0$	$R_1$ $\pm 0,4$	$R_2$ $\pm 0,4$	$d$ $0$ $-0,2$	$h_1$ $+0,2$ $0$	$r_1$ $\pm 0,4$	$r_2$ $\pm 0,4$	
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

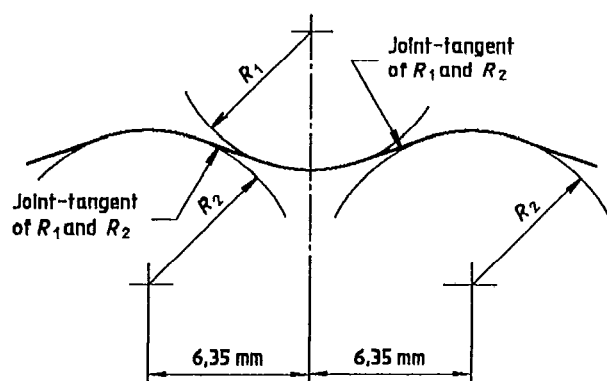


Figure 2

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**UDC 622.233.5**

**Descriptors:** mining equipment, drilling equipment, rock drills, percussion drilling, rope threads, left hand screw threads, dimensions.

Price based on 2 pages

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