
International Standard



722

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

Rock drilling — Hollow hexagonal drill-steels in bar form

Forage des roches — Profilé hexagonal creux en acier pour fleurets

Second edition — 1985-10-01

UDC 622.233.6 : 669.14-462

Ref. No. ISO 722-1985 (E)

Descriptors : mining equipment, drilling equipment, rock drills, bore bits, hollow profiles, hexagonal bars, dimensions.

Price based on 1 page

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.

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. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 722 was prepared by Technical Committee ISO/TC 82, *Mining*.

ISO 722 was first published in 1974. This second edition cancels and replaces the first edition; the tolerance values for the dimension N specified in the first edition have been modified.

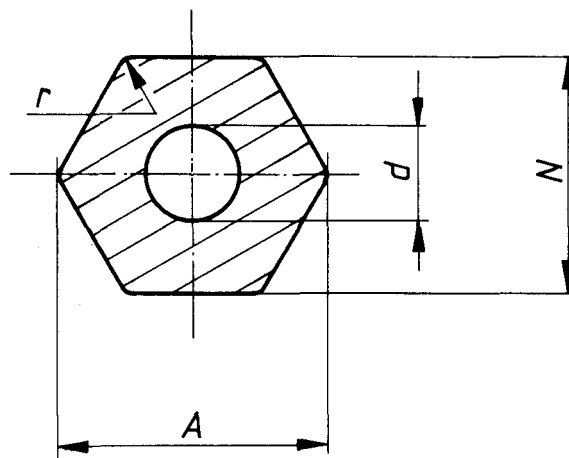
Rock drilling – Hollow hexagonal drill-steels in bar form

1 Scope and field of application

This International Standard lays down the dimensions for hexagonal drill-steels in bar form used for rock drilling.

2 Dimensions

The dimensions for hollow hexagonal drill-steels in bar form shall comply with the figure and the two tables (dimensions given in millimetres and inches, respectively).



Dimensions in millimetres

Nominal size	N		A ≈	d	r	Eccentricity: distance between the centre of the hexagon and the centre of the hole max.	Section	Mass ¹⁾
	Basic size	Tolerance					≈	≈
							mm ²	kg/m
19	19,2	0 -0,4	21,4	6 ± 0,5	1,5 ⁺¹ ₀	0,75	285	2,2
22	22,4		24,8	6,7 ± 0,6	2 ⁺¹ ₀	0,75	390	3,1
25	25,6	0 -0,6	28,5	7,6 ± 0,75	2 ⁺¹ ₀	0,75	510	4

Dimensions in inches

Nominal size	N		A ≈	d	r	Eccentricity: distance between the centre of the hexagon and the centre of the hole max.	Section	Mass ¹⁾
	Basic size	Tolerance					≈	≈
							in ²	lb/ft
3/4	0.756	0 -0.016	0.843	0.236 ± 0.020	0.059 ^{+0.039} ₀	0.030	0.442	1.48
7/8	0.882		0.976	0.264 ± 0.024	0.079 ^{+0.039} ₀	0.030	0.605	2.08
1	1.008	0 -0.024	1.122	0.299 ± 0.030	0.079 ^{+0.039} ₀	0.030	0.791	2.69

1) Relative density = 7,85