Hand- and machine-operated circular screwing dies for parallel pipe threads - G series (ISO 4231:2016)

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NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 4231:2016 sisaldab Euroopa standardi EN ISO 4231:2016 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 4231:2016 consists of the English text of the European standard EN ISO 4231:2016.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 30.11.2016.	Date of Availability of the European standard is 30.11.2016.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN ISO 4231

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English Version

Hand- and machine-operated circular screwing dies for parallel pipe threads - G series (ISO 4231:2016)

Filières rondes de filetage, à main et à machine, pour filetages cylindriques de tuyauterie - Série G (ISO 4231:2016)

Runde Hand- und Maschinen-Schneideisen für zylindrisches Rohrgewinde - Reihe G (ISO 4231:2016)

This European Standard was approved by CEN on 24 September 2016.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Ref. No. EN ISO 4231:2016 E

European foreword

This document (EN ISO 4231:2016) has been prepared by Technical Committee ISO/TC 29 "Small tools".

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2017, and conflicting national standards shall be withdrawn at the latest by May 2017.

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

This document supersedes EN 24231:1989.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 4231:2016 has been approved by CEN as EN ISO 4231:2016 without any modification.

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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

The committee responsible for this document is ISO/TC 29, *Small tools*, Subcommittee SC 9, *Tools with defined cutting edges, cutting items*.

This third edition cancels and replaces the second edition (ISO 4231:1987), of which it constitutes a minor revision with the following changes:

— Annex A has been added;

— a Bibliography has been added.

Hand- and machine-operated circular screwing dies for parallel pipe threads — G series

1 Scope

This International Standard is a supplement to ISO 2568 and ISO 4230 and specifies the dimensions of hand- and machine-operated circular screwing dies intended for production of parallel pipe threads, G series, in accordance with ISO 228-1.

The general dimensions of these dies (diameter, thickness and fixing dimensions) are in accordance with ISO 2568 so as to permit the driving of hand-operated dies with the aid of the die stocks defined in that document.

2 Dimensions

The general dimensions are shown in Figure 1 and given in Table 1.

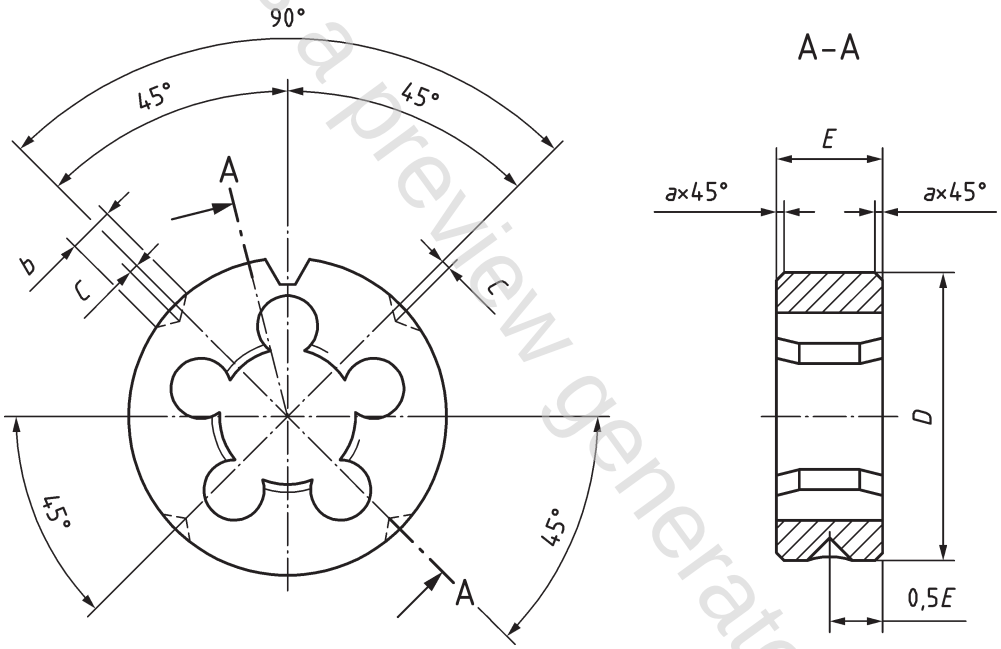

Figure 1

Table 1

Dimensions in millimetres

Thread designation	Basic diameter	Pitch ≈	*D*	*E*	*C*	*b*	*a*
1/16	7,723	0,907	25	9	0,8	5	0,5
1/8	9,728	0,907	30	11	1	5	1
1/4	13,157	1,337	38	10	1,2	6	1
3/8	16,662	1,337	45	14	1,2	6	1
1/2	20,955	1,814	45	14	1,2	6	1
5/8	22,911	1,814	55	16	1,5	8	1