

# INTERNATIONAL STANDARD

ISO  
4231

Second edition  
1987-11-15



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

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

*Filières rondes de filetage, à main et à machine, pour filetages cylindriques de tuyauterie —  
Série G*

Reference number  
ISO 4231 : 1987 (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.

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 4231 was prepared by Technical Committee ISO/TC 29, *Small tools*.

This second edition cancels and replaces the first edition (ISO 4231 : 1977), of which it constitutes a minor revision.

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

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

## 1 Scope and field of application

This International Standard is a supplement to ISO 2568 and ISO 4230 and lays down 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 References

ISO 228-1, *Pipe threads where pressure-tight joints are not made on the threads — Part 1 : Designation, dimensions and tolerances.*

ISO 2568, *Hand- and machine-operated circular screwing dies and hand-operated die stocks.*

ISO 4230, *Hand- and machine-operated circular screwing dies for taper pipe threads — R series.*

## 3 Dimensions

The general dimensions are given in the table overleaf.

## 4 Marking

Dies in accordance with this International Standard shall be marked with the letter G immediately followed by the designation of the thread.

*Example :*

A G series parallel thread screwing die with designation 3/8 shall be marked as follows:

**G 3/8**

NOTE — Where tools comply in all respects with the relevant International Standards, the symbol ISO may be appended to the mark at the discretion of the manufacturer.