

International Standard



6708

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

Pipe components — Definition of nominal size

Éléments de tuyauterie — Définition du diamètre nominal

First edition — 1980-06-15

UDC 621.643.22/.24 : 001.4

Ref. No. ISO 6708-1980 (E)

Descriptors : piping, diameters, definitions.

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up 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.

International Standard ISO 6708 was developed by Technical Committee ISO/TC 5, *Metal pipes and fittings*, and was circulated to the member bodies in July 1979.

It has been approved by the member bodies of the following countries :

Austria	India	Poland
Belgium	Israel	South Africa, Rep. of
Canada	Italy	Spain
Chile	Japan	Sweden
Denmark	Korea, Rep. of	Switzerland
Finland	Libyan Arab Jamahiriya	United Kingdom
France	Mexico	USA
Germany, F. R.	Netherlands	USSR
Hungary	New Zealand	

The member bodies of the following countries expressed disapproval of the document on technical grounds :

Australia
Czechoslovakia

Pipe components — Definition of nominal size

1 Scope and field of application

This International Standard gives the definition of the nominal size of pipe components.

2 Definition

nominal size (DN) : A numerical designation of size which is common to all components in a piping system other than components designated by outside diameters or by thread size. It is a convenient round number for reference purposes and is only loosely related to manufacturing dimensions.

NOTE — It is designated by DN followed by a number.

It should be noted that not all piping components are designated by nominal size, for example steel tubes are designated and ordered by outside diameter and thickness.

NOTE — The nominal size DN cannot be subject to measurement and shall not be used for purposes of calculation.