

DIN 3852-2



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Supersedes
DIN 3852-2:2000-11

**Stud ends and ports of fittings, valves and plug screws –
Part 2: Dimensions for pipe thread,
English translation of DIN 3852-2:2014-05**

Einschraubzapfen und Einschraublöcher für Rohrverschraubungen, Armaturen und Verschlusschrauben –

Teil 2: Konstruktionsmaße für Rohrgewinde,
Englische Übersetzung von DIN 3852-2:2014-05

Éléments mâles et orifices à filetage pour raccordements, robinetterie et vis de fermeture –

Partie 2: Dimensions de conception pour le filetage,
Traduction anglaise de DIN 3852-2:2014-05

Document comprises 11 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.



A comma is used as the decimal marker.

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Foreword

This document (DIN 3852-2:2014) has been prepared by Working Committee NA 082-00-07 AA *Rohrverschraubungen* of the *Normenausschuss Rohrleitungen und Dampfkesselanlagen* (NARD) (Piping and Boiler Plant Standards Committee).

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

Amendments

This standard differs from DIN 3852-2:2000-11 as follows:

- a) the title of the standard has been modified;
- b) type B stud ends have been deleted;
- c) dimensions for type C stud ends have been deleted from Table 1 and are now given in a new Table 2;
- d) type X ports (standard design) have been deleted;
- e) type Y ports (standard design) have been deleted;
- f) dimensions for type Z ports have been deleted from Table 2 and are now given in a new Table 4;
- g) Annex A (informative) "Explanatory notes" has been added;
- h) the standard has been editorially revised.

Previous editions

DIN 3852-2: 1953x-08, 1964-10, 1991-11, 2000-11

1 Scope

This standard specifies the dimensions, types and designation of stud ends for fittings, valves and plug screws (port plugs) and their ports that are not specified in DIN EN ISO 1179-1 to DIN EN ISO 1179-4.

DIN 3852-2 contains specifications for component parts with

- a) pipe threads where pressure-tight joints are not made on the threads as in DIN EN ISO 228-1 and
- b) Whitworth pipe threads as in DIN 3858.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

DIN 3858, *Whitworth pipe threads for pipe unions — Parallel internal thread and taper external thread — Dimensions*

DIN 7603, *Sealing rings*

DIN EN 10226-1, *Pipe threads where pressure tight joints are made on the threads — Part 1: Taper external threads and parallel internal threads — Dimensions, tolerances and designation*

DIN EN ISO 228-1, *Pipe threads where pressure-tight joints are not made on the threads — Part 1: Dimensions, tolerances and designation*

DIN EN ISO 1179-1, *Connections for general use and fluid power — Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing — Part 1: Threaded ports*

DIN EN ISO 1179-4, *Connections for general use and fluid power — Ports and stud ends with ISO 228-1 threads with elastomeric or metal-to-metal sealing — Part 4: Stud ends for general use only with metal-to-metal sealing (type B)*

3 Types and dimensions

3.1 Stud ends

3.1.1 Types and dimensions

There are 2 types of stud ends depending on the sealing method:

- a) Type A: with additional sealing element, e.g. sealing by washer as in DIN 7603 (see Figure 1);
- b) Type C: with sealing by taper external thread and sealant (see Figure 2).