

DIN EN ISO 8734



ICS 21.060.50

Supersedes
DIN EN ISO 8734:1998-03

**Parallel pins, of hardened steel and martensitic stainless steel (Dowel pins)
(ISO 8734:1997);
English version EN ISO 8734:1997,
English translation of DIN EN ISO 8734:2019-05**

Zylinderstifte aus gehärtetem Stahl und martensitischem nichtrostendem Stahl
(ISO 8734:1997);

Englische Fassung EN ISO 8734:1997,
Englische Übersetzung von DIN EN ISO 8734:2019-05

Goupilles cylindriques en acier trempé et en acier inoxydable martensitique (ISO 8734:1997);
Version anglaise EN ISO 8734:1997,
Traduction anglaise de DIN EN ISO 8734:2019-05

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.

National foreword

This document (EN ISO 8734:1997) has been prepared by Technical Committee ISO/TC 2 “Fasteners” and has been taken over by CEN/TC 185 “Fasteners”.

The responsible German body involved in its preparation was *DIN-Normenausschuss Mechanische Verbindungselemente* (DIN Standards Committee Fasteners).

Compared with the previous standard DIN EN 28734, this European standard specifies simplified pin ends. At the same time, pin ends resulting from cold forming of parallel pins may be used. As a consequence of this amendment, the identification of Type A and Type B pins on the basis of the pin ends can be dispensed with.

The DIN documents corresponding to the international documents referred to in Clause 2 of this document are as follows:

ISO 3269:1988	DIN ISO 3269:1992-12
ISO 3506-1:1997	DIN EN ISO 3506-1:1998-03
ISO 4042:1999	DIN EN ISO 4042:2001-01

Amendments

This standard differs from DIN EN 28734:1992-10 as follows:

- a) the material “stainless steel” has been included;
- b) the differentiation between Type A and Type B by different pin ends has been dropped;
- c) manufacturing by cold forming has been enabled;
- d) the number of the standard has been changed;
- e) the standard has been editorially revised.

Compared with DIN EN ISO 8734:1998-03, the following corrections have been made to the German version:

- a) in Table 1 “Dimensions”, the dimension *c* has been changed from 9,8 mm to 0,8 mm for diameter 5 mm;
- b) in Table 2 “Requirements and reference International Standards”, the hardness value has been changed to “460 HV30 to 560 HV30” for C1;
- c) in Table 2 “Requirements and reference International Standards”, the value of Pb for the chemical composition of Type B has been changed to “0,15 to 0,35”;
- d) in Table 1 and Table 2, the text of Footnote 1 has been modified to correspond to the original English version.

Previous editions

DIN 6325: 1951-03, 1958-10, 1971-10

DIN EN 28734: 1992-10

DIN EN ISO 8734: 1998-03

Tabular layout

The DIN 4000-9-1 tabular layout of product properties shall apply to parallel pins covered in this standard.

National Annex NA
(informative)

Bibliography

DIN 4000-9, *Tabular layout of article characteristics — Part 9: Bolts, pins, rivets, split pins and keys*

DIN EN ISO 3506-1:1998-03, *Mechanical properties of corrosion-resistant stainless steel fasteners — Part 1: Bolts, screws and studs (ISO 3506-1:1997)*

DIN EN ISO 4042:2001-01, *Fasteners — Electroplated coating systems (ISO 4042:1999)*

DIN ISO 3269:1992-12, *Fasteners — Acceptance inspection (ISO 3269:1988)*