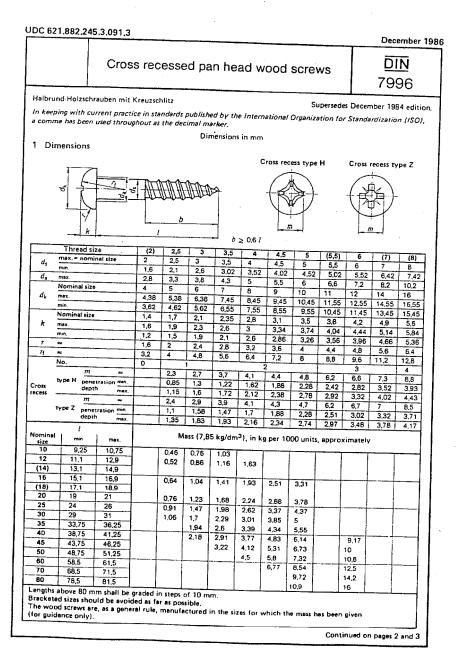
#### DIN7996-86 (1728x2274x2 tiff)

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#### Page 2 DIN 7996

### 2 Technical delivery conditions

Material	Steel	Non-farrous metals
General requirements	In accordance with DIN 267 Part 1.	
Threads and thread ends	In accordance with DIN 7998.	
Cross recesses	In accordance with DIN 7962.	
Material	St = steel (grade at the manufacturer's discretion) Other materials are su	CuZn (previously Ms) = copper-zinc alloy. Al-Leg. = aluminium alloy. (grade at the manufacturer's discretion) bject to agreement.
Limit deviations, geometrical tolerances	Product grade C (previously design g) in accordance with ISO 4759 Part 11).	
Surface finish	As processed. DIN 267 Part 9 shall apply with regard to electroplating. Other types of surface protection shall be subject to agreement.	
Acceptance inspection	In accordance with DIN 267 Part 5.	

### 3 Designation

Designation of an M4 cross recessed pan head wood screw with l = 20 mm, in steel (St), with type H cross recess \*):

Wood screw DIN 7996 - 4 x 20 - St - H

The DIN 4000 - 2 - 1 tabular layout of article characteristics shall apply to screws as specified in this standard.

Note. In previous editions of this standard, thread sizes M 2,4 and M 2,7 were included. In the March 1975 edition of this standard, these sizes were excluded from use for new designs. However, with regarded to existing drawings and documents, these sizes may temporarily continue to be ordered with a type H cross recess, in accordance with this standard. The specifications of the above-mentioned edition of the standard shall be applicable to the dimensions of these screws.

<sup>\*)</sup> If symbol H or Z is absent in the designation, e.g. on existing documents based on previous editions of this standard, then cross recess type H shall be applicable. In future, the symbol identifying the cross recess type shall always be specified for new designs and in purchase order documents.

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# Standards referred to

DIN 267 Part 1 DIN 267 Part 5	Fasteners; technical delivery conditions; general requirements Fasteners; technical delivery conditions
DIN 267 Part D	Fasteners; technical delivery conditions; general requirements 1984 edition)
DIN 267 Part 9 DIN 4000 Part 2	Fasteners; technical delivery conditions; electronical
DIN 7962	the foots of allicle characteristics for help
DIN 7998	Cross recesses for screws (modified version of ISO 4757) Threads and thread ends for wood screws
ISO 4759 Part 1	Fasteners; tolerances for holts recommend
	Fasteners; tolerances for bolts, screws and nuts with thread diameters from 1.6 (inclusive) and 150 mm (inclusive) and product grades A, B and C

## Previous editions

DIN 7996: 10.53, 08.59, 03.75, 12.84.

### Amendments

In comparison with the December 1984 edition, the nominal sizes for the diameter of the head,  $d_k$ , have been amended.

## Explanatory notes

As a departure from DIN 7996, March 1975 edition (which was withdrawn in December 1984), the present edition specifies a second type of cross recess, viz. cross recess type Z, also referred to in practice as Pozidriv recess).

# International Patent Classification

F 16 B 23/00 F 16 B 25-00

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