

DIN 488-4

DIN

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Together with
DIN 488-3:2009-08
supersedes
DIN 488-4:1986-06

**Reinforcing steels –
Welded fabric
English translation of DIN 488-4:2009-08**

Betonstahl –
Betonstahlmatten
Englische Übersetzung von DIN 488-4:2009-08
Aciers pour béton armé –
Treillis soudés
Traduction anglaise de DIN 488-4:2009-08

Document comprises 10 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

DIN 488-4:2009-08 has been prepared by Working Committee NA 021-00-03 AA *Normung von Betonstahl und Spannstahl* of the *Normenausschuss Eisen und Stahl* (FES) (Iron and Steel Standards Committee).

Amendments

The following amendments have been made to DIN 488-4:1986-06:

- a) All information on reinforcing wire has been deleted (refer now to DIN 488-3).
- b) Reinforcing steel made of steel grades B500A (1.0438) and B500B (1.0439) have been included.
- c) Steel grade BSt 500M (1.0466) has been deleted.
- d) Identification and ordering examples have been amended.
- e) The standard has been editorially revised.

Previous editions

DIN 488-4: 1972-04, 1986-06

1 Scope

This standard specifies the technical delivery conditions and mechanical and geometric properties of weldable ribbed reinforcing steel made of steel grades B500A und B500B, used in the form of welded fabric for the reinforcement of concrete structures.

The specific requirements for steel grades B500A (1.0438) and B500B (1.0439) used for the manufacture of welded fabric are covered by DIN 488-1 to DIN 488-3.

2 Normative references

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

DIN 488-1:2009-08, *Reinforcing steel — Grades, properties, marking*

DIN 488-2, *Reinforcing steel — Part 2: Reinforcing steel bars*

DIN 488-3, *Reinforcing steel — Part 3: Reinforcing steel in coils, steel wire*

DIN 488-6, *Reinforcing steel — Part 6: Assessment of conformity*

DIN EN ISO 15630-2, *Steel for the reinforcement and prestressing of concrete — Test methods — Part 2: Welded fabric*

3 Terms and definitions

For the purposes of this document, the terms and definitions in DIN 488-1 and DIN 488-6 and the following apply.

3.1

standard welded fabric

welded fabric manufactured according to specified delivery conditions and available ex stock

3.2

purpose made welded fabric

welded fabric manufactured according to the specific requirements of the customer

3.3

longitudinal bar

reinforcing steel in the manufacturing direction of the welded fabric

3.4

transverse bar

reinforcing steel perpendicular to the manufacturing direction of the welded fabric

3.5

twin bars

two bars of the same steel grade and same nominal diameter placed adjacently in a welded fabric so as to be in contact with each other as a pair

3.6

pitch of welded fabric

centre-to-centre distance of bars in a sheet of welded fabric

NOTE With twin bars, the pitch is measured between the common main centrelines.