

ANNEX 11

NATIONAL ANNEX
TO STANDARD
SFS-EN 1993-1-8 EUROCODE 3: DESIGN OF STEEL STRUCTURES.
Part 1-8: Design of joints

Preface

This national annex is used together with Standard SFS - EN 1993-1-8: 2005.

This national annex sets out:

The national parameters for the following paragraphs in Standard SFS-EN 1993-1-8 where national selection is permitted:

- 1.2.6
- 2.2(2)
- 3.1.1(3)
- 3.4.2(1)
- 4.5.3.2 Explanation
- 4.5.3.3 Explanation
- 5.2.1(2)
- 6.2.7.2(9)

1.2.6 References

Reference Standards, Group 6: Rivets

Standards DIN 124 Halbrundniete – Nenndurchmesser 10 bis 36 mm (1993) and DIN 302 Senkniete - Nenndurchmesser 10 bis 36 mm (1993) may be used. Standard NF E 27156 – Elements de fixation – Rivets a tete ronde destinate a l'execution des constructions metalligues, Septembre 1983 may be used. Rivets, which fulfill the requirements according to Standards SS 39 and SS 318, may be used. Material according to Standard SFS-EN 10263-2 may be used in rivets.

2.2 General requirements

2.2(2)

The partial factors given in the note should be used.

3.1.1 General

3.1.1(3)

It is recommended to use only 8.8 and 10.9 bolt classes.

3.4.2 Tension connections

3.4.2(1)

The preload in this case should be $0,70 f_{ub} A_s$. In this case bolted connections should be controlled at least as non-preloaded connections.

4.5.3.2 Directional method

Explanation:

β_w - values to steel grades according to Standards SFS-EN 10149-2 and SFS-EN 10149-3 should be determined based on yield strength as for steels according to Standard SFS-EN 10025.

4.5.3.3 Simplified method for design resistance of fillet weld

Explanation:

β_w - values to steel grades according to Standards SFS-EN 10149-2 and SFS-EN 10149-3 should be determined based on yield strength as for steels according to Standard SFS-EN 10025.

5.2.1 General

5.2.1(2)

Additional information are not given.

6.2.7.2 Beam-to-column joints with bolted end-plate connections

6.2.7.2(9)

No further information is given.