

# New and revised codes & standards

From BSI Updates September 2010

## BS EN PUBLICATIONS

### BS EN ISO 9444-2:2010

Continuously hot-rolled stainless steel. Tolerances on dimension and form. Wide strip and sheet/plate  
*No current standard is superseded*

### BS EN ISO 18286:2010

Hot-rolled stainless steel plates. Tolerances on dimensions and shape  
*No current standard is superseded*

## EDUCATION PUBLICATIONS

### BIP 2200 PP 1990 Pack of 5

Structural Eurocodes: Extracts from the Structural Eurocodes for Students of Structural Design (PP 1990)  
*Supersedes BIP PP 1990:2007 Pack of 5*

### BIP 2200 PP 1990 Single Copy

Structural Eurocodes: Extracts from the Structural Eurocodes for Students of Structural Design (PP 1990)  
*Supersedes BIP PP 1990:2007 Book (single copy)*

## SPECIALIST BOOKS FROM BSI

### BIP 2199

Concise Eurocodes. Loadings on Structures BS EN 1991. Eurocode 1  
*No current standard is superseded*

## CORRIGENDA TO BRITISH STANDARDS

### BS EN 1990:2002+A1:2005

Eurocode. Basis of structural design  
CORRIGENDUM 2  
*Also incorporates Amendment 1 & Corrigendum 1*

## NEW WORK STARTED

### BS EN 1998-2:2005/Amendment 2

Eurocode 8. Design of structures for earthquake resistance. Bridges

### BS EN ISO 3506-1:2009/Amendment 1

Mechanical properties of corrosion-resistant stainless steel fasteners. Bolts, screws and studs

### BS EN ISO 3506-2:2009/Amendment 1

Mechanical properties of corrosion-resistant stainless steel fasteners. Nuts

## BS ISO 16834 (Revision)

Welding consumables. Wire electrodes, wires, rods and deposits for gas-shielded arc welding of high strength steels. Classification  
*Will supersede BS EN ISO 16834:2007*

## DRAFT BRITISH STANDARDS FOR PUBLIC COMMENT – NATIONAL BRITISH STANDARDS

### 10/30232884 DC

*NA to BS EN 1991-1-4* UK National Annex to Eurocode 1. Actions on structures. Part 1-4: General actions. Wind Actions.

## DRAFT BRITISH STANDARDS FOR PUBLIC COMMENT – ADOPTIONS

### 10/30230952 DC

*BS EN ISO 14341* Welding consumables. Wire electrodes and deposits for gas shielded metal arc welding of non alloy and fine grain steels. Classification

Advisory Desk

## AD 349

# Shear resistance of Parallel Flange Channels in the Eurocode Blue Book

An error has been found in the values of shear resistance of Parallel Flange Channels that are quoted in SCI publication *P363 Steel building design: Design data* (the Eurocode Blue Book). The design shear resistance values are given in the tables for Web Bearing and Buckling. The pages affected are C-128, C-129, D-128 and D-129. The values of the design resistance of the unstiffened web are correctly given in these tables.

Table 1 gives the correct shear resistances for Parallel Flange Channels in grade S275 and S355.

The resistance tables in Steelbiz have been corrected and now show the above values. A set of the four corrected pages is also available on Steelbiz – they will appear as an appendix of this AD Note. The electronic Blue Book will be updated shortly, as will be the version in IHS. Sticky labels are available from the SCI that fit the original tables in the publication. Those interested in obtaining these labels should contact the SCI on [publications@steel-sci.com](mailto:publications@steel-sci.com) or by phoning the publications team on 01344 636505.

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Section Designation	Design Shear Resistance $V_{c,Rd}$ (kN)	
	S275 / Advance275	S355 / Advance355
430×100×64	750	977
380×100×54	581	757
300×100×46	443	577
300×90×41	445	575
260×90×35	349	451
260×75×28	308	397
230×90×32	294	380
230×75×26	258	333
200×90×30	244	315
200×75×23	213	275
180×90×26	207	267
180×75×20	191	247
150×90×24	175	226
150×75×18	152	196
125×65×15	129	166
100×50×10	90.3	117

Table 1: Shear resistance of Parallel Flange Channels for S275 and S355 steel in accordance with BS EN 1993-1-1