

BS EN 10027-1:2016



BSI Standards Publication

Designation systems for steels

Part 1: Steel names

National foreword

This British Standard is the UK implementation of EN 10027-1:2016. It supersedes BS EN 10027-1:2005 which is withdrawn.

BSI, as a member of CEN, is obliged to publish EN 10027-1:2016 as a British Standard. However, attention is drawn to the fact that during the development of this European Standard, the UK committee voted against its approval as a European Standard.

The UK committee suggested that amendments be made to Table 1 of EN 10027-1:2016 to address the differences in mechanical and physical properties between hot-finished and cold-formed structural hollow sections. Currently, despite there being different design rules for these products within Eurocode 3 – Design of Steel Structures and Eurocode 4 – Design of Composite and Steel Structures, both hot-finished and cold-formed hollow sections have exactly the same steel names. The UK proposal was for this to be changed to enable a clear differentiation between the two products and hence eliminate any danger that an incorrect product might be supplied or used in a structure. However, as the changes requested by the UK committee were not adopted, the committee advises users of structural hollow sections to apply suitable checks to ensure that they have been supplied with the correct products, which are properly CE marked and certified in accordance with the European Commission Construction Products Regulation.

The UK participation in its preparation was entrusted to Technical Committee ISE/100, Steel, General Issues.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Amendments/corrigenda issued since publication

Date	Text affected
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