

List & Properties of Current UK Steelwork Sections

Introduction

SteelUK is an Excel 97/2000 Template available for download at our website www.technouk.com. It includes list and properties of all Structural Steelwork Sections known or advertised to be available in the UK as at November 2000. The section properties have been compiled, checked and or calculated using software developed by Techno Consultants Ltd.

In addition to including all recently withdrawn sections, the sections list has been compiled from the following sources:

BS4: Part 1: 1993, Structural Steel Sections: Part 1. Specification for hot-rolled sections

BS EN 10056-1: 1999, Structural steel equal and unequal leg angles - Part 1: Dimensions

BS EN 10210-2: 1997, hot finished structural hollow sections of non-alloy and fine grain structural steels, Part 2. Tolerances, dimensions and sectional properties

BS EN 10219-2: 1997, cold formed welded structural hollow sections of non-alloy and fine grain steels, Part 2. Tolerances, dimensions and sectional properties

Structural Sections List at CORUS website: www.corusconstruction.com, as at 28 October 2000

Loading the Template on to your computer

SteelUK is supplied as an Excel 97/2000 Template, having .XLT as its filename extension.

To load SteelUK on to your computer, copy this file into Microsoft Office folder for its Templates. Generally the path to this folder in Excel 97 is:

C:\Program Files\Microsoft Office\Templates

If you are using Excel 2000, the path to this folder is:

C:\Windows\Application Data\Microsoft\Templates

To load and use the Template in Excel 97 or Excel 2000, choose:

File, New and then select the file SteelUK001202-

If you receive an Excel Warning about running Macros and are prompted for whether to load them, answer YES to Load and Enable Macros. SteelUK incorporates VB Macros and to allow your computer to use them is vital for its operation.

Features

The Template features are:

- The file size is 1791 KB. At 3 KB/second, the download time would be about 10 minutes.
- HOME worksheet of the Template displays Links to the worksheet for each section. This allows instant access to all section properties at a mouse click.

- Each section worksheet includes 3 Links: 1st Link to navigate back to the HOME worksheet, 2nd Link to display the section diagram showing dimension symbols and 3rd Link to top of the worksheet from the diagram view.
- Each row of section properties is identified by a letter: b=BS/EN, c=CORUS, bc=both, or blank=neither/withdrawn.
- Each section worksheet also includes 4 Radio Buttons at the top. Clicking these Buttons selects any desired sections list: 1st Button displays ALL Sections, 2nd Button displays BS/EN Sections, 3rd Button displays CORUS Sections and 4th Button displays BS/EN+CORUS Sections.
- In each worksheet, clicking the row head of any given section highlights its section properties. This enables easy reading of properties across the worksheet width.
- The sections and their numbers included in the Template are: UB 81, UC 31, UBP 17, RSJ 13, RSC 17, PFC 16, Eq Angle 66, UnEq Angle 49, CHS Hot Finished 274, SHS Hot Finished 147, RHS Hot Finished 163, CHS cold formed 555, SHS cold formed 146, RHS cold formed 175, TEE's UB 64, TEE's UC 21, TEE's RSJ 13, Cast UB 72, Cast UC 31, Cast RSJ 13, ASB 10, SFB 31, ASTM 233, IPE 75, HE 100.