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OneSteel Australian Tube Mills A.B.N. 21 123 666 679. PO Box 246 Sunnybank, Queensland 4109 Australia Telephone +61 7 3909 6600 Facsimile +61 7 3909 6660 E-mail info@austubemills.com Internet www.austubemills.com Design Capacity Tables for Structural Steel Hollow Sections (i- i) OneSteel Australian Tube Mills

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RHS Size (mm x mm x mm) Surface finish: Mass (kg/m) Metres per tonne: Length/Pack Standard 6.5: Length/Pack Standard 12: 50 x 25 x 1.6: P,S: 1.75: 571: 96: 50 x 25 x 2.0: P,S: 2.15: 465: 96: 50 x 25 x 2.5: P,S: 2.62: 382: 72: 50 x 25 x 3.0: P,S: 3.07: 326: 60: 65 x 35 x 2.0: P,S: 2.93: 341: 54: 65 x 35 x 2.5: P,S: 3.6: 278: 54: 65 x 35 x 3.0: P,S: 4.25: 236: 45: 65 x 35 x 4.0: P, S: 5.35: 187: 45: 75 x 25 x 1.6: P,S: 2.38:

420: 65: 75 x 25 x 2.0

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N1 to C3 DuraGalPlus Domestic Construction Manual

Orrcon Steel distributes and manufactures rectangular hollow sections in a wide range of sizes. Our Rectangular Hollow Sections are manufactured to the Australian Standard for structural steel hollow section .0AS/NZS 1163 and cover steel grades C250L0, C350L0 and C450L0. A variety of surface finishes are available across our range of structural tubulars.

Span guide for residential framing - Dindas

Span For the purpose of using these tables, span may be interpreted as the clear

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APPENDIX C - SPAN TABLES

RHS is manufactured in a wide range of dimensions and thicknesses, as well as combinations of both. Available thicknesses across the board are 1.6 mm, 2 mm, 2.5 mm, 3 mm, 3.5 mm, 4 mm, 5 mm, 6 mm, 8 mm, 9 mm, 10 mm, 12.5 mm, and 16 mm. Dimensions range from 50 mm x 20 mm to 400 mm to 300 mm.

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APPENDIX C – SPAN TABLES C.1 Introduction This Appendix has been taken from the OneSteel publication, Design Note No. D3(Nov 2005). It contains span tables covering various primary and secondary beam spans with common design floor loadings. It is intended that these tables will be used by engineers to assist in the preliminary design

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4501 600 RHS SIZE2 MAXIMUM JOIST SPAN

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