

**COLD
FORMED
SECTIONS**





Ayrshire Metal Products plc., the foremost producer of cold rolled steel profiles in the UK, has established a reputation for reliability and quality with a large and diverse customer base in a constantly changing environment.

As supplier to this array of differing and developing industries the vast range of sections potentially available deems it impossible to compile a comprehensive and complete list. The concept of this brochure is therefore to give an oversight into what is regarded as the "general section" manufacturing capabilities of the St. Helens & Warley divisions of the organisation.

Even though the section possibilities are seemingly endless, many original ideas and designs are eventually regarded as regular products and as such are available in minimal order quantities. This, coupled with the supply of customer specific sections, has resulted in the accumulation of an extensive stock of rolls and tooling, allowing the production of a multitude of profiles with little or no tooling cost.

Add this to the unsurpassed expertise and knowledge within the Ayrshire organisation and whether the requirement is a relatively simple single bend angle or a more complicated multi-bend section, Ayrshire will endeavour to provide a solution.

To discuss any possible cold rolled application, or to receive further information regarding Ayrshire group activities and products, please contact one of the following:-

ST.HELENS

Telephone: 01744 - 29145
Facsimile: 01744 - 451257

WARLEY

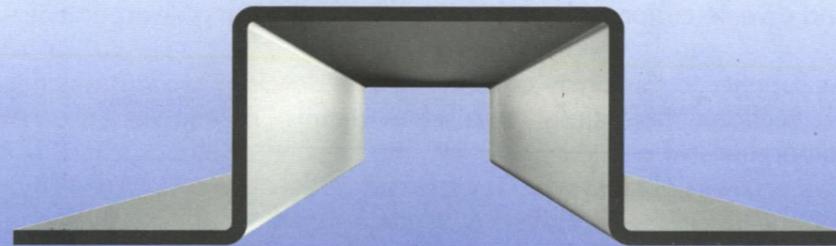
Telephone: 0121 - 558 7739
Facsimile: 0121 - 558 7772

POSSIBLE VARIATIONS



O.T.L.C. (TOP HAT)

MAXIMUM THICKNESS - 4mm
 MAXIMUM BASE DIMENSION - 280mm
 MAXIMUM LEG PLUS LIP DIMENSION - 115mm

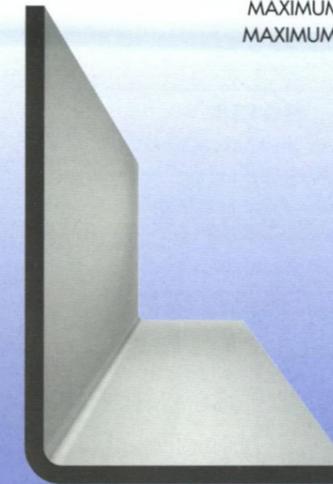


POSSIBLE VARIATIONS



ANGLE

MAXIMUM THICKNESS - 6mm
 MAXIMUM LENGTH OF LONGEST LEG - 300mm
 MAXIMUM LENGTH OF SHORTEST LEG - 105mm



MATERIAL SPECIFICATIONS

PRE GALVANISED STEEL

Z2 - DX51D +Z275 NAC EN10142 + A1 1995
 Z28 - S280GD +Z275 NAC EN10147 + A1 1995
 Z35 - S350GD +Z275 NAC EN10147 + A1 1995

SELF COLOUR STEEL

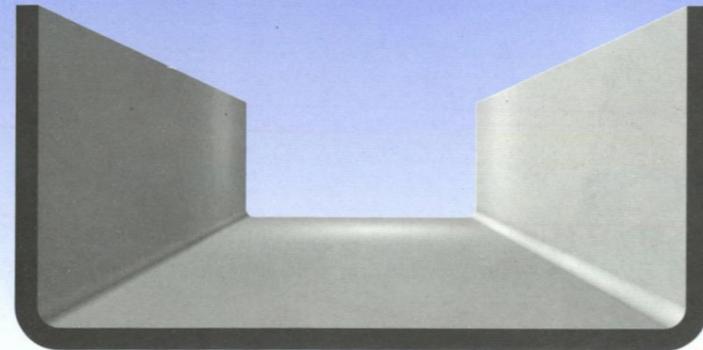
HR15 U.P. - HR15 U.P. BS1449 SECT 1.2: 1991
 43A U.P. - S275 U.P. BS EN10025:1993
 43/35 U.P. - S355 NC U.P. BS EN10149-3:1996

(Alternative Grades Available)



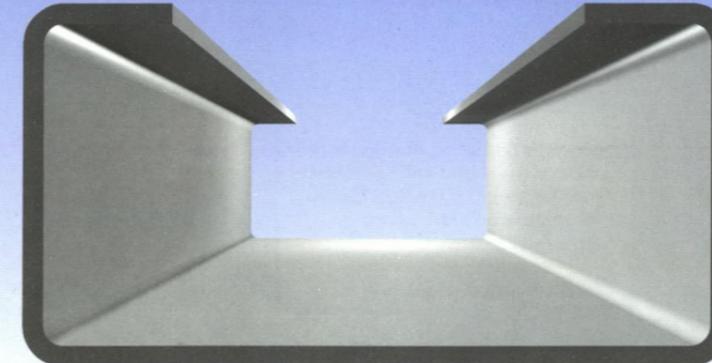
CHANNEL

MAXIMUM THICKNESS - 6mm
 MAXIMUM BASE DIMENSION - 300mm
 MAXIMUM LEG DIMENSION - 105mm



I.T.L.C. ('C'-SECTION)

MAXIMUM THICKNESS - 4mm
 MAXIMUM BASE DIMENSION - 300mm
 MAXIMUM LEG PLUS LIP DIMENSION - 115mm

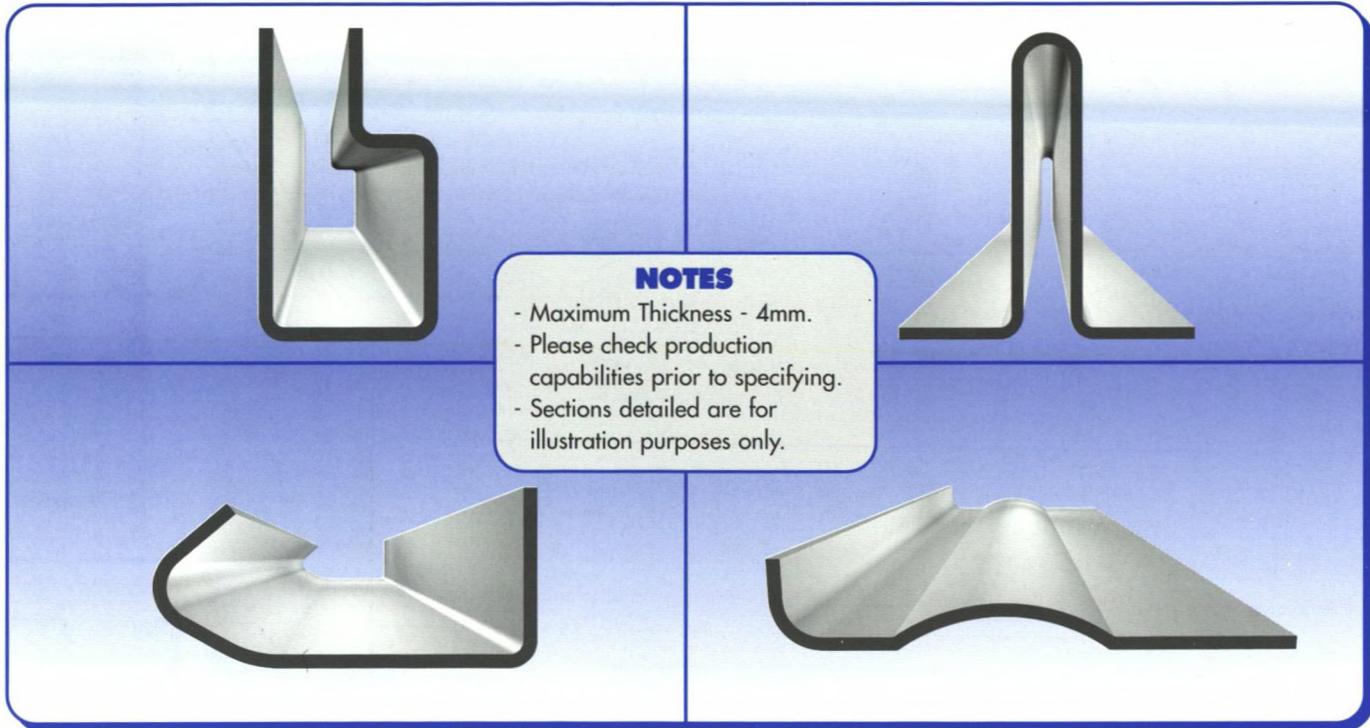


GENERAL NOTES

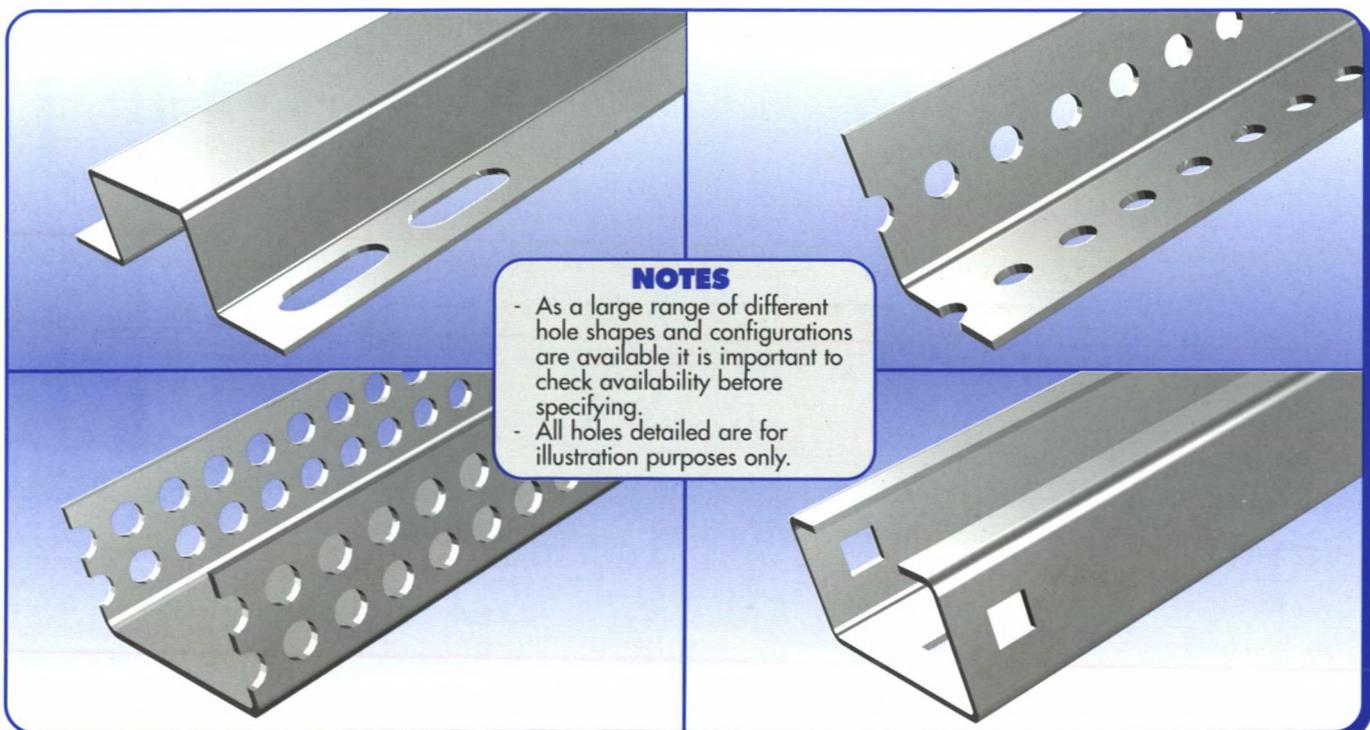
- All Sections can be manufactured in any transportable length, however minimum length restrictions may apply.
- Our rolling capabilities may not allow the production of a section that is a combination of all the maximum limits quoted.
- Sections generally produced to the Euronorm 162-81 standard.
- Section properties available upon request.

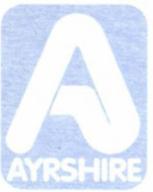
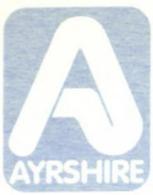


SPECIAL SECTIONS



PERFORATED/PUNCHED SECTIONS







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