

Holt Brothers (Halifax) Ltd

DISCLAIMER

All the information supplied in these pages is given in good faith, freely and without any charge, based on our experience in order to give a broad outline to the processes available, and their general effects on the properties of components.

NO CLAIMS CAN BE MADE AGAINST **Holt Brothers (Halifax) Ltd** FOR INFORMATION SUPPLIED IN THESE PAGES. THE RESPONSIBILITY FOR THE SUCCESSFUL OUTCOME OF ANY DESIGN AND MANUFACTURE RESTS ENTIRELY WITH THE MANUFACTURER, WHETHER OR NOT IT IS THE MANUFACTURER'S DESIGN.

No assurances can be given that any particular combination of material and treatment will perform satisfactorily in all or any particular situation or application.

We are always prepared to discuss each application individually, but strongly recommend that you discuss each and every proposal with your designer/s, and materials engineers, or seek independent advice.

We wish to remind you that straightening carries a risk of breakage, all straightening is only undertaken entirely at the customers own risk.

It is incumbent on you to carry out tests and trials to determine the suitability of the material, manufacturing route, and heat treatment; for your proposed service, before determining any specific route.

In addition, it should be remembered that heat treatment will usually produce distortion and could induce cracking. These can result from either the relief of; casting, forging, rolling, or machining stresses, or from stresses induced by the heat treatment. The heat treatment cycle is generally dictated by the grade/type of material chosen, the component design, and the results required. It is the responsibility of the customer to ensure that his/her proposed design and heat treatment will produce the outcome required.

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