HGG’s Edge Rounding Line

Conservation of steel structures to create a barrier against corrosion is essential for the lifetime. Protective paints and other coatings cannot adhere to sharp material edges. HGG’s Edge Rounding Line creates perfectly rounded edges on beams, T-bars and flat-bars which ensures an even and complete coating on the surface.

Avoidance of sharp edges (EN ISO 12944-3)

The benefits of HGG’s Edge Rounding line

• Prevent labour intensive grinding and milling.
• Perfect radius.
• Easily meet the edge treatment requirements as described in NEN 8501-3 (P2/P3).
• A one-stop shop at HGG with both Edge Rounding and coping of beams.
• No risk of disapproval by the coating specialist in the critical phase of a project.
• The rolling method doesn't interfere with the material standards (lab research rapports available on request).
• Service available for beams, T-bars and flat bars.

Edge Rounding Specifications

<table>
<thead>
<tr>
<th>Section height range (h)</th>
<th>Section width range (b)</th>
<th>Flange thickness range (t_w)</th>
<th>Rounded edge radius (r)</th>
<th>Max. material weight</th>
<th>Max. material length</th>
</tr>
</thead>
<tbody>
<tr>
<td>H-Beams</td>
<td>160 - 1000 mm</td>
<td>100 - 500 mm</td>
<td>8 - 50 mm</td>
<td>350 kg/m or 5t total</td>
<td>16,000 mm</td>
</tr>
<tr>
<td>T-bars*</td>
<td>100 - 1000 mm</td>
<td>-</td>
<td>2 - 3 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flat bars</td>
<td>-</td>
<td>-</td>
<td>-</td>
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</tbody>
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Contact us!

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