4.2 MQ System Components — Load Data and Material Specifications

MQB Clamps

Product Features

- Various clamp sizes
- Suitable for all the different strut profiles
- Utilizes Hilti Pushbutton technology

Material Specifications

<table>
<thead>
<tr>
<th>Material</th>
<th>Carbon steel</th>
<th>Stainless Steel 1.4404 (316 L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material thickness</td>
<td>3/16” (4 mm)</td>
<td></td>
</tr>
<tr>
<td>Finish</td>
<td>Hot-dipped galvanized, min. 2.2 mil (55 µm), DIN EN ISO 1461, ASTM A153 Electro-galvanized</td>
<td></td>
</tr>
</tbody>
</table>

Ordering Information

<table>
<thead>
<tr>
<th>Description</th>
<th>Weight/Piece (lb)</th>
<th>Strut Profile</th>
<th>Qty</th>
<th>Item No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MQB-21</td>
<td>0.465</td>
<td>13/16”</td>
<td>10</td>
<td>369666</td>
</tr>
<tr>
<td>MQB-41</td>
<td>0.536</td>
<td>1-5/8”</td>
<td>10</td>
<td>369668</td>
</tr>
<tr>
<td>MQB-41-R (SS316)</td>
<td>0.529</td>
<td>1-5/8”</td>
<td>10</td>
<td>304061</td>
</tr>
<tr>
<td>MQB-82</td>
<td>0.750</td>
<td>1-5/8” Back-to-Back</td>
<td>10</td>
<td>369671</td>
</tr>
<tr>
<td>MQB-82-R (SS316)</td>
<td>0.750</td>
<td>1-5/8” Back-to-Back</td>
<td>10</td>
<td>304063</td>
</tr>
<tr>
<td>MQB-G41</td>
<td>0.807</td>
<td>1-5/8”</td>
<td>10</td>
<td>369674</td>
</tr>
<tr>
<td>MQB-G41-F (HDG)</td>
<td>0.807</td>
<td>1-5/8”</td>
<td>10</td>
<td>304189</td>
</tr>
</tbody>
</table>

Technical Data Allowable Loads

<table>
<thead>
<tr>
<th>Description</th>
<th>Fx</th>
<th>Fy</th>
<th>Fz</th>
</tr>
</thead>
<tbody>
<tr>
<td>MQB-21</td>
<td>1530</td>
<td>1125</td>
<td>1125</td>
</tr>
<tr>
<td>MQB-41</td>
<td>1530</td>
<td>1125</td>
<td>1125</td>
</tr>
<tr>
<td>MQB-41-R</td>
<td>1530</td>
<td>1125</td>
<td>1125</td>
</tr>
<tr>
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<td>1125</td>
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<td>MQB-82-R</td>
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<td>1125</td>
<td>1125</td>
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<tr>
<td>MQB-G41</td>
<td>1530</td>
<td>-</td>
<td>1125</td>
</tr>
<tr>
<td>MQB-G41-F</td>
<td>1530</td>
<td>-</td>
<td>1125</td>
</tr>
</tbody>
</table>

1 Based on a safety factor of 2.2