Face Mounted Braces

BROOKS Face Mounted Braces are typically furnished in pairs. Individual left or right hand units may be ordered as indicated by the examples on the next page.

Face mounted braces are equally suited for installation under or above the crossarm for both single pole and H-frame applications. When positioned below the crossarm, the orientation of left or right hand assembly appears normal. In the inverted application, the orientation related to right and left hand is reversed.

**Typical Underarm Installation**

![Diagram of typical underarm installation]

**Typical Inverted Installation**

![Diagram of typical inverted installation]
Face Mounted Brace Ordering Codes

For 411 and 412 Series Braces

Ordering Information:

- Brace Series
- Angle End Fitting - Angle (Table 1), Hole Size (Table 2)
- Straight End Fitting - Hole Size (Table 2)
- Number of Feet
- Number of Inches
- Number of \( \frac{1}{8} \) Fractions
- MHC Length (Feet, Inches, Eighths)

**Table 1**

<table>
<thead>
<tr>
<th>Bend Code</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>30°</td>
</tr>
<tr>
<td>F</td>
<td>37(\frac{1}{2})°</td>
</tr>
<tr>
<td>J</td>
<td>45°</td>
</tr>
<tr>
<td>L</td>
<td>50°</td>
</tr>
<tr>
<td>M</td>
<td>52(\frac{1}{2})°</td>
</tr>
</tbody>
</table>

Additional angles are available.

**Table 2**

<table>
<thead>
<tr>
<th>Hole Code</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>(\frac{11}{16})&quot;</td>
</tr>
<tr>
<td>6</td>
<td>(\frac{13}{16})&quot;</td>
</tr>
<tr>
<td>7</td>
<td>(\frac{15}{16})&quot;</td>
</tr>
</tbody>
</table>

Ordering Example for Pairs: 412-F67-07043 = 1 pair Face Mounted Braces, \(3\frac{3}{8}\)" x \(4\frac{3}{8}\)" wood, angle fitting 37\(\frac{1}{2}\)° (degree) and \(\frac{19}{16}\)" hole, straight fitting \(\frac{19}{16}\)" hole, MHC = 7'-4\(\frac{1}{8}\)". Approximate shipping weight = 43 lbs. per piece, or 86 lbs. per pair.

For applications which require individual left or right hand pieces, use the same format illustrated above, except add the code letter “L” (left hand) or “R” (right hand) immediately following the brace series number.

Ordering Example for Pieces: 411L-F77-09 = Left hand Face Mounted Brace, \(2\frac{7}{8}\)" x \(3\frac{1}{2}\)" wood, angle fitting 37\(\frac{1}{2}\)° (degree), \(\frac{19}{16}\)" holes, MHC = 9'-0". Approximate shipping weight = 57 lbs. per piece.
411 Series Face Mounted Braces

15,000 Lbs. Ultimate Tensile Capacity
Wood Section - 2\(\frac{3}{4}\)" x 3\(\frac{1}{2}\)". Standard Holes - \(\frac{13}{16}\)". \(\frac{17}{16}\)" holes are also available for this series.

To estimate shipping weight per piece, multiply MHC in feet equivalent by 2.4, then add 12 pounds.

412 Series Face Mounted Braces

20,000 Lbs. Ultimate Tensile Capacity
Wood Section - 3\(\frac{3}{8}\)" x 4\(\frac{3}{8}\)". Standard Holes - \(\frac{15}{16}\)". \(\frac{13}{16}\)" holes are also available for this series.

To estimate shipping weight per piece, multiply MHC in feet equivalent by 3.8, then add 15 pounds.