**Finger Joint Hand Rail**
• All three plies utilize finger joint construction.
• Top two plies are color matched in 42” lengths and longer.
• Bottom plies contain multiple finger joints.

**Solid Cap Hand Rail**
• The top ply will be free of finger joints.
*14-16’ lengths of rail may contain up to one (1) visible butt joint on the cap.
• Bottom two plies utilize finger joint construction.

**Engineered Hand Rail**
• Constructed using butt joints instead of finger joints.
• Solid wood filler pieces wrapped in profiled finish wood pieces.

<table>
<thead>
<tr>
<th>Rail Length</th>
<th>Oak</th>
<th>Poplar</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top Joints</td>
<td>Sides</td>
<td>Top Joints</td>
</tr>
<tr>
<td>6-8’ Rail</td>
<td>0</td>
<td>1-2</td>
</tr>
<tr>
<td>10-12’ Rail</td>
<td>0</td>
<td>2-3</td>
</tr>
<tr>
<td>14-16’ Rail</td>
<td>1</td>
<td>3-5</td>
</tr>
<tr>
<td>20’ Rail</td>
<td>2</td>
<td>3-6</td>
</tr>
</tbody>
</table>

**DID YOU KNOW?**
Engineered hand rail consist of core filler pieces that are wrapped in the profile of the hand rail. As such, engineered hand rail has SIDES instead of PLYS.

**Hand Rail | Plowed**
 Finished fillet included

**Shoe Rail**
 Finished fillet included

**Fillet**

**Wall Rail**
Matching Fittings to Hand Rails  
To match the selected hand rail, the second digit indicates the matching profile.

Ordering example:
If you want a Right Hand Offset Rail to match your 6210 Hand Rail, replace the "X" in the Fitting part number with the second digit of the Hand Rail Part Number.

Caps & Easings

Volutes & Turnouts - Over the Post Fittings

DID YOU KNOW?
A starting step is necessary for fittings that turn away from the center point of the rail.

Plowed fittings are available via special order. All fittings include standard rail bolt kit.
Goosenecks

To match the selected hand rail, the second digit indicates the matching profile

7E50
Left-hand
2 Riser
No Cap

7E55
Right-hand
2 Riser
No Cap

7E60
Left-hand
2 Riser
With Cap

7E65
Right-hand
2 Riser
With Cap

7E71
Left-hand
2 Riser
No Cap

7E76
Right-hand
2 Riser
No Cap

Plowed fittings are available via special order. All fittings include standard rail bolt kit.

Note: Bending mould included with all Bending Rails

B6010
7 Slices
Radius: 30" on Rake
36" on Level

B6210
9 Slices
Radius: 30" on Rake
36" on Level

B6519
8 Slices
Radius: 54" on Rake
60" on Level

B6040
Quarter Turn

7023
Starting Easing

7024
Over Easing

Wall Rails

7X55
2 Riser
With Cap

7X50
Left-hand
2 Riser
No Cap

7X51
2 Riser
No Cap

7X56
Right-hand
2 Riser
No Cap

7X57
Right-hand
2 Riser
No Cap

7X58
Right-hand
2 Riser
With Cap

7X59
Right-hand
2 Riser
With Cap

7X81
Left-hand
2 Riser
With Cap

7X86
Right-hand
2 Riser
With Cap

7X97
2 Riser
With Cap

7X99
2 Riser
No Cap

Adjustable Goosenecks:

Taller newels = trim less
Shorter newel = trim more

13° Adjustable

Use ZipBolt to securely connect fittings to hand rail. Sold separately.

Rail & Fittings

Plowed fittings are available via special order. All fittings include standard rail bolt kit.