Pins and Plates

Western Union Type
Typically used with glass or porcelain insulators for telecommunication and signal systems

Features
• Manufactured with 1” diameter nylon alloy insulator threads
• Forged from carbon steel
• Have a 1/2” diameter shank

Material
Pin Body: Steel hot dip galvanized
Threads: Nylon alloy

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Shank Length (in)</th>
<th>Height Above Arm (in)</th>
<th>Weight/100 (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>J1190Z</td>
<td>5</td>
<td>4 1/2</td>
<td>64</td>
</tr>
</tbody>
</table>

Pole Bearing
Greater pole stability for H-frame transmission structures is made possible by using these poles bearing plates.

Features
• Attached to bottom of pole to increase the resistance of uplift and settling
• Each plate provides 90 sq in of additional bearing surface to the soil
• Plate’s mounting surface incorporates integral spikes to resist movement
• Mounted with a 7/8” diameter bolt

Material
Steel hot dip galvanized

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Plate Size</th>
<th>Weight/100 (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>P325B-122</td>
<td>6 1/2” x 14 1/8”</td>
<td>1200</td>
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</tbody>
</table>

Pole Butt Grounding
Installed on the bottom of utility poles to provide a secure positive ground by connecting the butt plate to the pole ground wire.

Features
• Furnished with an integral copper terminal lug and screw which accommodates copper ground wire from #14 solid to #4 stranded

Material
Copper

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Plate Size</th>
<th>Weight/100 (lbs)</th>
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</thead>
<tbody>
<tr>
<td>J9196</td>
<td>7 x 7 1/2</td>
<td>52</td>
</tr>
</tbody>
</table>