**Radiographic Plug and Boss**

Specification: PFI Standard ES-16

Material: Available in a complete range of Carbon Steels, Stainless Steels, Alloy Steels and Non-ferrous metals certified to ASTM, ASME, and Military standards.

---

**Boss type**

- Access hole
- 3/8" fillet weld
- 1/4" (min) full penetration weld and cover fillet weld

---

**Integral type**

- Access hole
- 3/8" fillet weld

---

### Style 1

- A: 1.250
- B: --
- C: 1" – 8 UNC – 3A
- D: 0.812
- H: 0.625

### Style 2

- A: 1.250
- B: 1.000
- C: 1" – 8 UNC – 3A
- D: 0.812
- H: 0.812

**RADIOGRAPHIC PLUG – Figure No. 06186**

<table>
<thead>
<tr>
<th>PIPE WALL THICKNESS</th>
<th>&lt;5/8&quot; without boss</th>
<th>&lt;5/8&quot; with boss</th>
<th>5/8&quot; ≥ 1-3/8&quot;</th>
<th>1-3/8&quot; ≥ 3&quot;</th>
<th>3&quot; ≥ 5&quot;</th>
<th>&gt;5&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STYLE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>1.250</td>
<td>1.250</td>
<td>1.250</td>
<td>1.250</td>
<td>1.750</td>
<td>2.250</td>
</tr>
<tr>
<td>B</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>1.500</td>
<td>2.000</td>
</tr>
<tr>
<td>D</td>
<td>--</td>
<td>0.812</td>
<td>--</td>
<td>0.812</td>
<td>1.234</td>
<td>1.656</td>
</tr>
<tr>
<td>H</td>
<td>0.625</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

All dimensions are in inches

---

ISO 9001 & PED Certified
Canadian Registered in all provinces

PENNSYLVANIA MACHINE WORKS • 1-800-PENN-USA • WWW.PENNUSA.COM