High Impact/Narrow Fan Spray

**DESIGN FEATURES**
- One-piece/heavy construction
- Straight-through orifice minimizes clogging
- Machined from bar stock to exacting standards
- Male connection

**SPRAY CHARACTERISTICS**
- Yields highest impact, narrow, flat spray with least atomization
- Spoon-shaped deflector surface efficiently forms a hard driving spray

Spray pattern: Fan Spray angles: 15°, 25°, 35°, 40°, 50° Flow rates: 0.76 to 177 l/min

---

### SPN Flow Rates and Dimensions

**Fan, 15°, 25°, 35°, 40° and 50° Spray Angles, 1/4" to 3/4" Pipe Sizes, BSP or NPT**

<table>
<thead>
<tr>
<th>Male Pipe Size</th>
<th>Nozzle Number</th>
<th>Available Spray Angles</th>
<th>0.7 L/min</th>
<th>1 L/min</th>
<th>2 L/min</th>
<th>3 L/min</th>
<th>4 L/min</th>
<th>5 L/min</th>
<th>10 L/min</th>
<th>15 L/min</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8</td>
<td>SPN 04</td>
<td>35°</td>
<td>0.91</td>
<td>0.76</td>
<td>1.08</td>
<td>1.29</td>
<td>1.58</td>
<td>1.82</td>
<td>2.04</td>
<td>2.37</td>
</tr>
<tr>
<td>1/4</td>
<td>SPN 10</td>
<td>15°, 35°, 50°</td>
<td>2.28</td>
<td>1.91</td>
<td>2.28</td>
<td>2.77</td>
<td>3.53</td>
<td>3.53</td>
<td>3.53</td>
<td>3.53</td>
</tr>
<tr>
<td></td>
<td>SPN 20</td>
<td>15°, 35°, 50°</td>
<td>4.56</td>
<td>3.81</td>
<td>4.56</td>
<td>5.54</td>
<td>6.60</td>
<td>7.21</td>
<td>8.83</td>
<td>10.8</td>
</tr>
<tr>
<td></td>
<td>SPN 25</td>
<td>15°, 35°, 50°</td>
<td>5.70</td>
<td>4.77</td>
<td>5.70</td>
<td>6.41</td>
<td>7.34</td>
<td>8.21</td>
<td>9.54</td>
<td>11.2</td>
</tr>
<tr>
<td></td>
<td>SPN 40</td>
<td>25°, 50°</td>
<td>9.12</td>
<td>7.63</td>
<td>9.12</td>
<td>10.2</td>
<td>11.7</td>
<td>13.2</td>
<td>16.8</td>
<td>20.4</td>
</tr>
</tbody>
</table>

**Standard Materials:** Brass, 303 Stainless Steel, 316 Stainless Steel, PVC, and PTFE

Spray angle performance varies with pressure. Contact BETE for specific data on critical applications.

---

Dimensions are approximate. Check with BETE for critical dimension applications.