## Cast Steel Shot Sizes and Equivalent Cut Wire Shot Sizes

<table>
<thead>
<tr>
<th>Cast Steel Size</th>
<th>US Standard Sieve Ranges</th>
<th>Average Diameter</th>
<th>Equivalent Cut Wire Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-70</td>
<td>45 to 80 mesh</td>
<td>0.0117</td>
<td>CW 12*</td>
</tr>
<tr>
<td>S-110</td>
<td>40 to 50 mesh</td>
<td>0.0139</td>
<td>CW 14*</td>
</tr>
<tr>
<td>S-130</td>
<td>35 to 45 mesh</td>
<td>0.0165</td>
<td>CW 17*</td>
</tr>
<tr>
<td>S-170</td>
<td>30 to 40 mesh</td>
<td>0.0197</td>
<td>CW 17</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>CW 20*</td>
</tr>
<tr>
<td>S-190</td>
<td>25 to 35 mesh</td>
<td>0.0234</td>
<td>CW 20</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>CW 23*</td>
</tr>
<tr>
<td>S-230</td>
<td>20 to 30 mesh</td>
<td>0.0278</td>
<td>CW 23</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>CW 28*</td>
</tr>
<tr>
<td>S-280</td>
<td>18 to 25 mesh</td>
<td>0.0331</td>
<td>CW 28</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>CW 32*</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>CW 35*</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>CW 41</td>
</tr>
<tr>
<td>S-330</td>
<td>16 to 20 mesh</td>
<td>0.0394</td>
<td>CW 32</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>CW 35*</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>CW 41</td>
</tr>
<tr>
<td>S-390</td>
<td>14 to 18 mesh</td>
<td>0.0469</td>
<td>CW 41</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>CW 47*</td>
</tr>
<tr>
<td>S-460</td>
<td>12 to 16 mesh</td>
<td>0.0555</td>
<td>CW 47</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>CW 54*</td>
</tr>
<tr>
<td>S-550</td>
<td>10 to 14 mesh</td>
<td>0.0661</td>
<td>CW 62</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>CW 66*</td>
</tr>
<tr>
<td>S-660</td>
<td>8 to 12 mesh</td>
<td>0.787</td>
<td>CW 80*</td>
</tr>
</tbody>
</table>

* Recommended Cut Wire Size for Equivalent Peening Intensities and Coverage Rates