Section A-A

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H°</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
<th>N</th>
<th>R</th>
<th>T</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min</td>
<td>Min</td>
<td>Max</td>
<td>Gage</td>
<td>Min</td>
<td>Max</td>
<td>Min</td>
<td>Max</td>
<td>Min</td>
<td>Max</td>
<td>Min</td>
<td>Max</td>
<td>±1</td>
<td>±1/4</td>
<td>Min</td>
</tr>
<tr>
<td>.0076</td>
<td>.0295</td>
<td>.0338</td>
<td>.01563</td>
<td>.01985</td>
<td>.02030</td>
<td>.0233</td>
<td>.0273</td>
<td>.236</td>
<td>.256</td>
<td>.131</td>
<td>.182</td>
<td>15</td>
<td>90</td>
<td>236</td>
</tr>
</tbody>
</table>

**Tapped Hole Data**

<table>
<thead>
<tr>
<th>Alum.</th>
<th>Steel</th>
<th>Plug Tap</th>
<th>Bottom Tap</th>
<th>Nominal Tap Size</th>
<th>Pitch Diameter 3B</th>
<th>Tap Major Diameter Max</th>
<th>Minor Diameter After Tapping</th>
<th>Locking Torque In-Lb</th>
</tr>
</thead>
<tbody>
<tr>
<td>#7</td>
<td>13/64</td>
<td>.568</td>
<td>.410</td>
<td>10-32 3B</td>
<td>.2103</td>
<td>.2123</td>
<td>.1968</td>
<td>.2041</td>
</tr>
</tbody>
</table>

1) Nominal length:
Nominal length equals minimum through hole length without countersink and with insert located 1/4 to 1/2 pitch below top surface.

2) Free coils:
The number of free coils is counted 90 degrees from the tang.

3) Surface roughness:
ANSI B46.1-1982

4) Reference specifications:
NASM21209
NASM8846
AST245

5) Material: 304 Stainless Steel

**FOR REFERENCE ONLY**

HELICAL WIRE, INC.
25 CASH DRIVE
CARSON CITY, NV 89706
775-246-5333
CAGE CODE: 0E83

DRAWN BY: D. RAINWATER
CHECKED BY: C. SALINAS
DATE: 12/14/11

INSERT: SCREW THREAD, LOCKING
NASM P/N: MS21209F1-15
C/R: 3591-3CN-0265
PART NUMBER: 1032L0265
REV NEW: 1