## Thread Size Code

<table>
<thead>
<tr>
<th>Thread Size Code</th>
<th>ØD</th>
<th>E ± .005</th>
<th>F</th>
<th>H</th>
<th>H1 (H2)</th>
<th>(H3)</th>
<th>J</th>
<th>ØM ± .005</th>
<th>ØN ± .010</th>
<th>ØQ + .004</th>
<th>ØR + .020</th>
<th>ØS ± .010</th>
<th>T</th>
<th>ØU + .004</th>
<th>V ± .005</th>
<th>W</th>
<th>Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>.212</td>
<td>.025</td>
<td>.050</td>
<td>.080</td>
<td>.088</td>
<td>1.020</td>
<td>5.25</td>
<td>.365</td>
<td>.178</td>
<td>.209</td>
<td>.250</td>
<td>.390</td>
<td>.309</td>
<td>.185</td>
<td>.016</td>
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<td>.040</td>
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<td>8</td>
<td>.314</td>
<td>.040</td>
<td>.080</td>
<td>.115</td>
<td>.066</td>
<td>1.060</td>
<td>5.65</td>
<td>.345</td>
<td>.215</td>
<td>.300</td>
<td>.281</td>
<td>.468</td>
<td>.385</td>
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<td>10</td>
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<td>.110</td>
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<td>.500</td>
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<td>.422</td>
<td>.062</td>
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<td>1.109</td>
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<td>.568</td>
<td>.495</td>
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<td>3</td>
<td>.062</td>
</tr>
</tbody>
</table>

## Part Number Callout

- FS ( ) ( ) 7900 ( ) ( ) ( )

- Model
- Series

## Alcoa Fastening Systems

- Aerospace Fastener Division
- 3724 East Columbia Street
- Tucson, Arizona 85714
- Phone: 520-519-7400
- Fax: 520-519-7427
- www.alcoafasteners.com

## Alcoa Fastening Systems

- Captive Screw, Optional
- Recess, Spring Loaded, All
- CRES, Fully Retractable
THREADED LENGTH AVAILABILITY TABLES

**GRIP CODE** | 3 | 3.5 | 4 | 4.5 | 5 | 5.5 | 6
--- | --- | --- | --- | --- | --- | --- | ---
**SIZE 4**
BB | .161 | .203
B | .128 | .191
C | .128 | .191
D | .128 | .191
E | .128 | .191

**GRIP CODE** | 3 | 3.5 | 4 | 4.5 | 5 | 5.5 | 6
--- | --- | --- | --- | --- | --- | --- | ---
**SIZE 6**
BB | .149 | .203
B | .117 | .179
C | .117 | .179
D | .117 | .179
E | .117 | .179

**GRIP CODE** | 3 | 3.5 | 4 | 4.5 | 5 | 5.5 | 6
--- | --- | --- | --- | --- | --- | --- | ---
**SIZE 8**
BB | .135 | .197
B | .103 | .165 | .228 | .250
C | .103 | .165 | .228
D | .103 | .165 | .228
E | .103 | .165 | .228

**GRIP CODE** | 3 | 3.5 | 4 | 4.5 | 5 | 5.5 | 6
--- | --- | --- | --- | --- | --- | --- | ---
**SIZE 10**
BB | .121 | .183
B | .151 | .213 | .250
C | .151 | .213
D | .151 | .213
E | .151 | .213

**GRIP CODE** | 3 | 3.5 | 4 | 4.5 | 5 | 5.5 | 6
--- | --- | --- | --- | --- | --- | --- | ---
**SIZE 12**
BB | .197 | .260
B | .165 | .228 | .281
C | .165 | .228
D | .165 | .228
E | .165 | .228

INSTALLATION TOOLS:
( ) = THREAD SIZE CODE
3 EXTENSION DT57EN
ARBOR PRESS TOOL HW7600-( )
NOSE PIECE HN7513-( )
PULLER HP7523-( )
2 HANDLE ASSY TA7533

MATERIAL
STUD:
302 CRES PER ASTM-A-493, AMS 5638
LOCK WASHER:
300 SERIES CRES PER AMS 5519 OR EQUIV.
SLEEVE:
304 CRES PER AMS-QQ-S-763, AMS 5639
SPRING:
302 CRES PER ASTM-A-313, AMS 5688
FLAT WASHERS:
300 SERIES CRES PER AMS 5519 OR EQUIV.

FINISH
FSCU 7900 & FSDU 7900:
PASSIVATE PER AMS-QQ-P-35

FSC 7900 & FSD 7900:
SPRING
PASSIVATE PER AMS-QQ-P-35
ALL OTHER COMPONENTS:
BLACK OXIDE PER MIL-C-13924, CLASS 4.

NOTES:
1 SEE APPROPRIATE THREAD LENGTH AVAILABILITY TABLE FOR "T" DIMENSION
2 DO NOT USE HAND TOOL ON 4 & 6 THREAD SIZE CODES.
3 FOR LONGER STUD/SHORT SLEEVE COMBINATIONS, EXTENSION DT57EN IS RECOMMENDED WITH HAND TOOL
4 THIS ASSEMBLY HAS .030 RADIAL FLOAT

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CAGE CODE 0HDW7
REV D
SHEET 2 OF 2