

ORIGINAL
Red Ink Indicates
Original Copy

REV D

DRAWING NO.

S-3396

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THREAD LENGTH AVAILABILITY TABLES

2

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

2

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

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

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

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



ASSEMBLIES NOT AVAILABLE

* LENGTH CODES NOT SHOWN ARE AVAILABLE WITH THE LONGER THREAD LENGTH PER APPLICABLE TABLE

INSTALLATION TOOLS:
() = THREAD SIZE CODE

- 3 EXTENSION DT257EN
ARBOR PRESS TOOL HW7600-()
NOSE PIECE HN7513-()
PULLER HP7523-()
2 HANDLE ASS'Y TA7533

MATERIAL

STUD :

302 CRES PER ASTM-A-493, AMS 5636

LOCKWASHER:

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 DT257EN IS RECOMMENDED WITH HAND TOOL
4 THIS ASSEMBLY HAS .030 RADIAL FLOAT

| | | |
|--|--------------------|--------------|
| D | DCN 5542 | 07-13-07 |
| REV | DESCRIPTION/EC NO. | DATE |
| UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN INCHES | | |
| TOLERANCE UNLESS OTHERWISE NOTED: | | |
| .X | = ±.05 | ANGLES ±0.5° |
| .XX | = ±.02 | |
| .XXX | = ±.015 | |



**Alcoa Fastening
Systems**

AEROSPACE FASTENER DIVISION
3724 EAST COLUMBIA STREET
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TITLE

**CAPTIVE SCREW, OPTIONAL
RECESS, SPRING LOADED, ALL
CRES, FULLY RETRACTABLE**

| | |
|----------------------|-----------------------------|
| DATE 11/29/2005 | PART NUMBER FS()()7900 |
| DRAWN JLS | DRAWING NO. S-3396 |
| CHECK [Signature] | CAGE CODE 0HDW7 |
| APPROVE | REV D |
| SCALE: 1:1 | SHEET 2 OF 2 |