

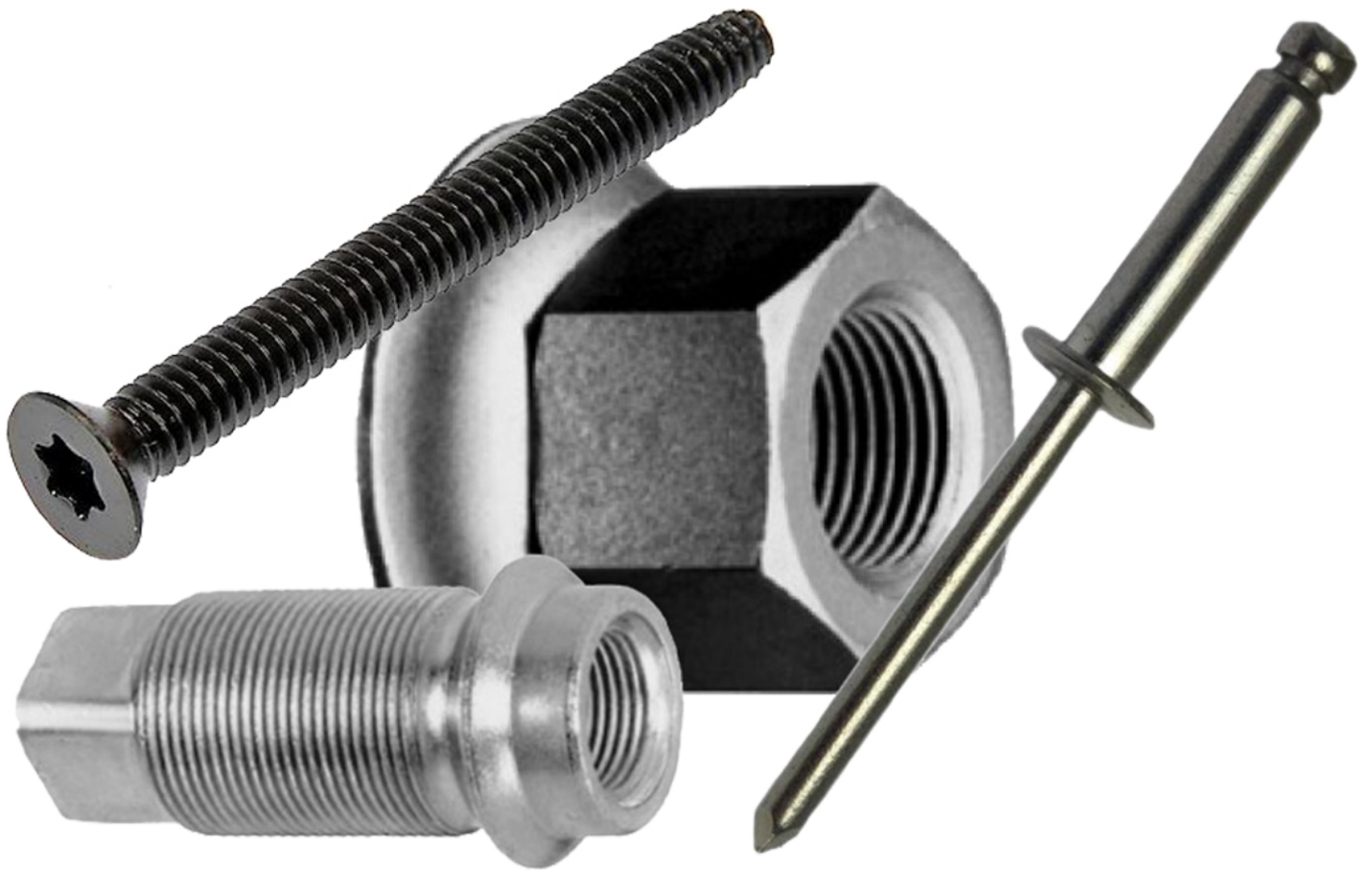
# martec

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**This Section is Designed for  
Reference Only**

In many cases, these parts are not stocked at the distribution center, but may be stocked at your local Martec warehouse. Please contact your local distributor for more information.



Martec International has made every attempt to publish this parts catalog as error-free as possible.

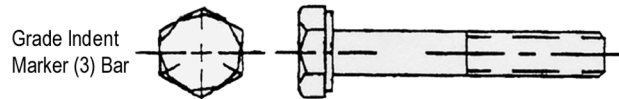
In the event that you discover an error, please fax the correction to the Martec Parts Marketing Department at:

1-800-8MARTEC

Thank you.

## 14.1 Bolts

### 14.1.1: GRADE 5 HEX HEAD BOLTS (BLT1)



| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
| BLT1-100    | .25" | 20               | .50"   |
| BLT1-101    | .25" | 28               | .50"   |
| BLT1-102    | .25" | 20               | .62"   |
| BLT1-104    | .25" | 28               | .75"   |
| BLT1-105    | .25" | 28               | 1.00"  |
| BLT1-108    | .25" | 20               | 1.00"  |
| BLT1-109    | .25" | 20               | 1.25"  |
| BLT1-11     | .25" | 20               | 1.25"  |
| BLT1-110    | .25" | 20               | 1.25"  |
| BLT1-111    | .25" | 20               | 1.50"  |
| BLT1-112    | .25" | 28               | 1.50"  |
| BLT1-113    | .25" | 28               | 1.75"  |
| BLT1-114    | .25" | 28               | 1.75"  |
| BLT1-115    | .25" | 20               | 2.00"  |
| BLT1-116    | .25" | 28               | 2.00"  |
| BLT1-117    | .25" | 20               | 2.25"  |
| BLT1-118    | .25" | 28               | 2.50"  |
| BLT1-119    | .25" | 20               | 2.50"  |
| BLT1-12     | .25" | 28               | 2.50"  |
| BLT1-122    | .25" | 20               | 3.00"  |
| BLT1-123    | .25" | 28               | 3.00"  |
| BLT1-126    | .25" | 20               | 3.50"  |
| BLT1-127    | .25" | 28               | 3.50"  |
| BLT1-13     | .25" | 20               | 4.00"  |
| BLT1-130    | .25" | 28               | 4.00"  |
| BLT1-131    | .25" | 20               | 4.50"  |
| BLT1-133    | .25" | 20               | 5.00"  |
| BLT1-140    | .25" | 20               | 7.00"  |
| BLT1-146    | .31" | 18               | .50"   |
| BLT1-148    | .31" | 18               | .62"   |
| BLT1-15     | .31" | 18               | .75"   |
| BLT1-150    | .31" | 24               | .75"   |
| BLT1-152    | .31" | 24               | .88"   |
| BLT1-153    | .31" | 18               | 1.00"  |
| BLT1-154    | .31" | 24               | 1.00"  |
| BLT1-155    | .31" | 18               | 1.25"  |
| BLT1-156    | .31" | 24               | 1.25"  |
| BLT1-157    | .31" | 18               | 1.50"  |

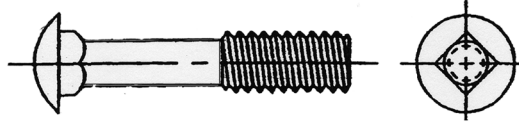
| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
| BLT1-158    | .31" | 24               | 1.50"  |
| BLT1-159    | .31" | 18               | 1.75"  |
| BLT1-16     | .31" | 24               | 1.75"  |
| BLT1-160    | .31" | 18               | 2.00"  |
| BLT1-161    | .31" | 24               | 2.00"  |
| BLT1-162    | .31" | 18               | 2.25"  |
| BLT1-171    | .31" | 18               | 3.50"  |
| BLT1-172    | .31" | 24               | 3.50"  |
| BLT1-173    | .31" | 18               | 3.75"  |
| BLT1-175    | .31" | 18               | 4.00"  |
| BLT1-176    | .31" | 24               | 4.00"  |
| BLT1-177    | .31" | 18               | 4.50"  |
| BLT1-178    | .31" | 24               | 4.50"  |
| BLT1-179    | .31" | 18               | 5.00"  |
| BLT1-18     | .31" | 24               | 5.00"  |
| BLT1-180    | .31" | 18               | 5.50"  |
| BLT1-182    | .31" | 18               | 6.00"  |
| BLT1-183    | .31" | 24               | 6.00"  |
| BLT1-184    | .31" | 18               | 6.50"  |
| BLT1-191    | .38" | 16               | 6.25"  |
| BLT1-193    | .38" | 24               | .75"   |
| BLT1-194    | .38" | 24               | .75"   |
| BLT1-197    | .38" | 16               | 1.00"  |
| BLT1-198    | .38" | 24               | 1.00"  |
| BLT1-199    | .38" | 16               | 1.25"  |
| BLT1-2      | .38" | 24               | 1.25"  |
| BLT1-20     | .38" | 16               | 1.50"  |
| BLT1-200    | .38" | 24               | 1.50"  |
| BLT1-201    | .38" | 16               | 1.75"  |
| BLT1-202    | .38" | 24               | 1.75"  |
| BLT1-203    | .38" | 16               | 2.00"  |
| BLT1-204    | .38" | 24               | 2.00"  |
| BLT1-205    | .38" | 16               | 2.25"  |
| BLT1-206    | .38" | 24               | 2.25"  |
| BLT1-207    | .38" | 16               | 2.50"  |
| BLT1-208    | .38" | 24               | 2.50"  |
| BLT1-209    | .38" | 16               | 2.75"  |
| BLT1-21     | .38" | 24               | 2.75"  |

| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
| BLT1-210    | .38" | 16               | 3.00"  |
| BLT1-211    | .38" | 24               | 3.00"  |
| BLT1-212    | .38" | 16               | 3.25"  |
| BLT1-214    | .38" | 16               | 3.50"  |
| BLT1-215    | .38" | 24               | 3.50"  |
| BLT1-218    | .38" | 16               | 4.00"  |
| BLT1-219    | .38" | 24               | 4.00"  |
| BLT1-22     | .38" | 16               | 4.50"  |
| BLT1-220    | .38" | 24               | 4.50"  |
| BLT1-221    | .38" | 16               | 5.00"  |
| BLT1-222    | .38" | 24               | 5.00"  |
| BLT1-223    | .38" | 16               | 5.50"  |
| BLT1-163    | .31" | 24               | 2.25"  |
| BLT1-164    | .31" | 18               | 2.50"  |
| BLT1-165    | .31" | 24               | 2.50"  |
| BLT1-167    | .31" | 24               | 2.75"  |
| BLT1-168    | .31" | 18               | 3.00"  |
| BLT1-169    | .31" | 24               | 3.00"  |
| BLT1-28     | .50" | 13               | 1.00"  |
| BLT1-280    | .50" | 20               | 1.00"  |
| BLT1-281    | .50" | 13               | 1.25"  |
| BLT1-283    | .50" | 13               | 1.50"  |
| BLT1-284    | .50" | 20               | 1.50"  |
| BLT1-285    | .50" | 13               | 1.75"  |
| BLT1-286    | .50" | 20               | 1.75"  |
| BLT1-287    | .50" | 13               | 2.00"  |
| BLT1-288    | .50" | 20               | 2.00"  |
| BLT1-289    | .50" | 13               | 2.25"  |
| BLT1-29     | .50" | 20               | 2.25"  |
| BLT1-290    | .50" | 13               | 2.50"  |
| BLT1-291    | .50" | 13               | 2.50"  |
| BLT1-292    | .50" | 13               | 2.75"  |
| BLT1-293    | .50" | 20               | 2.75"  |
| BLT1-294    | .50" | 13               | 3.00"  |
| BLT1-295    | .50" | 20               | 3.00"  |
| BLT1-298    | .50" | 13               | 3.50"  |
| BLT1-299    | .50" | 20               | 3.50"  |
| BLT1-300    | .50" | 20               | 4.00"  |
| BLT1-301    | .50" | 13               | 4.00"  |
| BLT1-302    | .50" | 13               | 4.50"  |
| BLT1-303    | .50" | 20               | 4.50"  |
| BLT1-304    | .50" | 13               | 5.00"  |
| BLT1-305    | .50" | 20               | 5.00"  |
| BLT1-306    | .50" | 13               | 5.50"  |
| BLT1-307    | .50" | 20               | 5.50"  |

| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
| BLT1-308    | .50" | 13               | 6.00"  |
| BLT1-309    | .50" | 20               | 6.00"  |
| BLT1-31     | .50" | 13               | 6.50"  |
| BLT1-311    | .50" | 13               | 7.00"  |
| BLT1-313    | .50" | 13               | 7.50"  |
| BLT1-314    | .50" | 20               | 7.50"  |
| BLT1-315    | .50" | 13               | 8.00"  |
| BLT1-355    | .62" | 11               | 1.00"  |
| BLT1-356    | .62" | 18               | 1.00"  |
| BLT1-357    | .62" | 11               | 1.25"  |
| BLT1-358    | .62" | 18               | 1.25"  |
| BLT1-359    | .62" | 11               | 1.50"  |
| BLT1-36     | .62" | 18               | 1.50"  |
| BLT1-360    | .62" | 11               | 1.75"  |
| BLT1-361    | .62" | 18               | 1.75"  |
| BLT1-362    | .62" | 11               | 2.00"  |
| BLT1-363    | .62" | 18               | 2.00"  |
| BLT1-225    | .38" | 16               | 6.00"  |
| BLT1-226    | .38" | 24               | 6.00"  |
| BLT1-24     | .44" | 20               | 1.00"  |
| BLT1-240    | .44" | 20               | 1.25"  |
| BLT1-241    | .44" | 14               | 1.50"  |
| BLT1-242    | .44" | 20               | 1.50"  |
| BLT1-369    | .62" | 18               | 2.75"  |
| BLT1-37     | .62" | 11               | 3.00"  |
| BLT1-370    | .62" | 18               | 3.00"  |
| BLT1-373    | .62" | 11               | 3.50"  |
| BLT1-374    | .62" | 18               | 3.50"  |
| BLT1-377    | .62" | 11               | 4.00"  |
| BLT1-378    | .62" | 18               | 4.00"  |
| BLT1-379    | .62" | 11               | 4.50"  |
| BLT1-380    | .62" | 11               | 5.00"  |
| BLT1-381    | .62" | 18               | 5.00"  |
| BLT1-381A   | .62" | 18               | 5.25"  |
| BLT1-382    | .62" | 11               | 5.50"  |
| BLT1-383    | .62" | 18               | 5.50"  |
| BLT1384     | .62" | 11               | 6.00"  |
| BLT1-385    | .62" | 18               | 6.00"  |
| BLT1-388    | .62" | 11               | 7.00"  |
| BLT1-395    | .75" | 10               | 1.25"  |
| BLT1-396    | .75" | 16               | 1.25"  |
| BLT1-397    | .75" | 10               | 1.50"  |
| BLT1-398    | .75" | 16               | 1.50"  |
| BLT1-4      | .75" | 16               | 1.50"  |
| BLT1-40     | .75" | 10               | 2.00"  |

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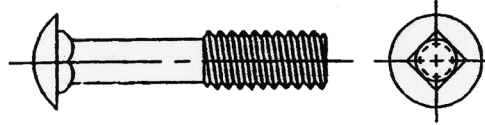
### 14.1.2: ROUND HEAD SQUARE NECK CARRIAGE BOLTS (BLT2)



| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
| BLT2-1      | .25" | 20               | .38"   |
| BLT2-108    | .25" | 28               | 1.00"  |
| BLT2-109    | .25" | 28               | 1.00"  |
| BLT2-11     | .25" | 20               | 1.25"  |
| BLT2-110    | .25" | 28               | 1.25"  |
| BLT2-111    | .25" | 20               | 1.50"  |
| BLT2-112    | .25" | 28               | 1.50"  |
| BLT2-113    | .25" | 20               | 1.75"  |
| BLT2-115    | .25" | 20               | 2.00"  |
| BLT2-116    | .25" | 28               | 2.00"  |
| BLT2-117    | .25" | 20               | 2.25"  |
| BLT2-119    | .25" | 20               | 2.50"  |
| BLT2-120    | .25" | 20               | 2.75"  |
| BLT2-122    | .25" | 20               | 3.00"  |
| BLT2-123    | .25" | 28               | 3.00"  |
| BLT2-124    | .25" | 20               | 3.25"  |
| BLT2-126    | .25" | 20               | 3.50"  |
| BLT2-127    | .25" | 28               | 3.50"  |
| BLT2-13     | .25" | 20               | 4.00"  |
| BLT2-131    | .25" | 20               | 4.50"  |
| BLT2-133    | .25" | 20               | 4.50"  |
| BLT2-134    | .25" | 28               | 5.00"  |
| BLT2-137    | .25" | 20               | 6.00"  |
| BLT2-139    | .25" | 20               | 6.50"  |
| BLT2-140    | .25" | 20               | 7.00"  |
| BLT2-142    | .25" | 20               | 7.50"  |
| BLT2-144    | .25" | 20               | 8.00"  |
| BLT2-153    | .31" | 18               | 1.00"  |
| BLT2-155    | .31" | 18               | 1.25"  |
| BLT2-156    | .31" | 24               | 1.25"  |
| BLT2-157    | .31" | 18               | 1.50"  |
| BLT2-158    | .31" | 24               | 1.50"  |
| BLT2-159    | .31" | 18               | 1.75"  |
| BLT2-160    | .31" | 18               | 2.00"  |
| BLT2-164    | .31" | 18               | 2.50"  |
| BLT2-166    | .31" | 18               | 2.75"  |
| BLT2-168    | .31" | 18               | 3.00"  |
| BLT2-171    | .31" | 18               | 3.50"  |

| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
| BLT2-175    | .31" | 16               | 4.00"  |
| BLT2-176    | .31" | 24               | 4.00"  |
| BLT2-177    | .31" | 18               | 4.50"  |
| BLT2-179    | .31" | 18               | 5.00"  |
| BLT2-180    | .31" | 18               | 5.50"  |
| BLT2-182    | .31" | 18               | 6.00"  |
| BLT2-184    | .31" | 18               | 6.50"  |
| BLT2-19     | .31" | 18               | 8.00"  |
| BLT2-197    | .38" | 16               | 1.00"  |
| BLT2-199    | .38" | 16               | 1.25"  |
| BLT2-20     | .38" | 16               | 1.50"  |
| BLT2-200    | .38" | 24               | 1.50"  |
| BLT2-201    | .38" | 16               | 1.75"  |
| BLT2-203    | .38" | 16               | 2.00"  |
| BLT2-204    | .38" | 16               | 2.00"  |
| BLT2-205    | .38" | 16               | 2.25"  |
| BLT2-207    | .38" | 16               | 2.50"  |
| BLT2-208    | .38" | 24               | 2.50"  |
| BLT2-210    | .38" | 16               | 3.00"  |
| BLT2-214    | .38" | 16               | 3.50"  |
| BLT2-218    | .38" | 16               | 4.00"  |
| BLT2-22     | .38" | 16               | 4.50"  |
| BLT2-221    | .38" | 16               | 5.00"  |
| BLT2-223    | .38" | 16               | 5.50"  |
| BLT2-225    | .38" | 16               | 6.00"  |
| BLT2-229    | .38" | 16               | 7.00"  |
| BLT2-283    | .50" | 13               | 1.50"  |
| BLT2-284    | .50" | 20               | 1.50"  |
| BLT2-287    | .50" | 13               | 2.00"  |
| BLT2-288    | .50" | 20               | 2.00"  |
| BLT2-291    | .50" | 20               | 2.50"  |
| BLT2-359    | .62" | 11               | 1.50"  |
| BLT2-36     | .62" | 18               | 1.50"  |
| BLT2-363    | .62" | 18               | 2.00"  |
| BLT2-40     | .75" | 10               | 2.00"  |
| BLT2-403    | .75" | 10               | 2.50"  |
| BLT2-407    | .75" | 10               | 3.00"  |
| BLT2-410    | .75" | 10               | 3.50"  |

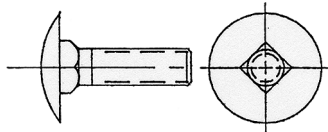
### 14.1.3: ROUND HEAD SHORT SQUARE NECK CARRIAGE BOLTS (BLT3)



| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
| BLT3-197    | .38" | 16               | 1.00"  |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |

| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |

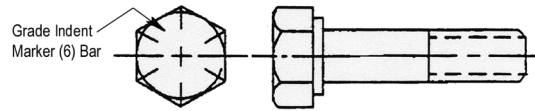
### 14.1.4: STEP BOLTS (BLT4)



| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
| BLT4-108    | .25" | 20               | 1.00"  |
| BLT4-11     | .25" | 20               | 1.25"  |
| BLT4-119    | .25" | 20               | 2.50"  |
| BLT4-12     | .25" | 28               | 2.50"  |
| BLT4-122    | .25" | 20               | 3.00"  |
| BLT4-123    | .25" | 28               | 3.00"  |
| BLT4-153    | .31" | 18               | 1.00"  |
| BLT4-155    | .31" | 18               | 1.25"  |
| BLT4-157    | .31" | 18               | 1.50"  |
| BLT4-158    | .31" | 24               | 1.50"  |
| BLT4-160    | .31" | 24               | 1.50"  |
| BLT4-161    | .31" | 24               | 2.00"  |
| BLT4-164    | .31" | 18               | 2.50"  |
| BLT4-165    | .31" | 24               | 2.50"  |
| BLT4-168    | .31" | 18               | 3.00"  |
| BLT4-169    | .31" | 24               | 3.00"  |
| BLT4-199    | .38" | 16               | 1.25"  |
| BLT4-20     | .38" | 16               | 1.50"  |
| BLT4-200    | .38" | 24               | 1.50"  |

| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
| BLT4-203    | .38" | 16               | 2.00"  |
| BLT4-204    | .38" | 24               | 2.00"  |
| BLT4-207    | .38" | 16               | 2.50"  |
| BLT4-210    | .38" | 16               | 3.00"  |
| BLT4-211    | .38" | 24               | 3.00"  |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |

### 14.1.5: GRADE 8 HEX HEAD BOLTS (BLT5)



| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
| BLT5-100    | .25" | 20               | .50"   |
| BLT5-104    | .25" | 20               | .75"   |
| BLT5-108    | .25" | 20               | 1.00"  |
| BLT5-109    | .25" | 28               | 1.00"  |
| BLT5-11     | .25" | 20               | 1.25"  |
| BLT5-110    | .25" | 28               | 1.25"  |
| BLT5-111    | .25" | 20               | 1.50"  |
| BLT5-112    | .25" | 28               | 1.50"  |
| BLT5-113    | .25" | 20               | 1.75"  |
| BLT5-115    | .25" | 20               | 2.00"  |
| BLT5-116    | .25" | 28               | 2.00"  |
| BLT5-117    | .25" | 20               | 2.25"  |
| BLT5-119    | .25" | 20               | 2.50"  |
| BLT5-12     | .25" | 28               | 2.50"  |
| BLT5-122    | .25" | 20               | 3.00"  |
| BLT5-123    | .25" | 28               | 3.00"  |
| BLT5-126    | .25" | 20               | 3.50"  |
| BLT5-127    | .25" | 28               | 3.50"  |
| BLT5-13     | .25" | 20               | 4.00"  |
| BLT5-130    | .25" | 28               | 4.00"  |
| BLT5-131    | .25" | 20               | 4.50"  |
| BLT5-132    | .25" | 28               | 4.50"  |
| BLT5-133    | .25" | 20               | 5.00"  |
| BLT5-134    | .25" | 28               | 5.00"  |
| BLT5-146    | .31" | 18               | .50"   |
| BLT5-15     | .31" | 18               | .75"   |
| BLT5-150    | .31" | 24               | .75"   |
| BLT5-153    | .31" | 18               | 1.00"  |
| BLT5-154    | .31" | 24               | 1.00"  |
| BLT5-155    | .31" | 18               | 1.25"  |
| BLT5-156    | .31" | 24               | 1.25"  |
| BLT5-157    | .31" | 18               | 1.50"  |
| BLT5-158    | .31" | 24               | 1.50"  |
| BLT5-159    | .31" | 18               | 1.75"  |
| BLT5-160    | .31" | 18               | 2.00"  |
| BLT5-161    | .31" | 24               | 2.00"  |
| BLT5-164    | .31" | 24               | 2.50"  |
| BLT5-165    | .31" | 24               | 2.50"  |

| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
| BLT5-168    | .31" | 18               | 3.00"  |
| BLT5-169    | .31" | 24               | 3.00"  |
| BLT5-171    | .31" | 18               | 3.50"  |
| BLT5-172    | .31" | 18               | 3.50"  |
| BLT5-175    | .31" | 18               | 4.00"  |
| BLT5-176    | .31" | 24               | 4.00"  |
| BLT5-177    | .31" | 18               | 4.50"  |
| BLT5-178    | .31" | 24               | 4.50"  |
| BLT5-179    | .31" | 18               | 4.50"  |
| BLT5-18     | .31" | 24               | 5.00"  |
| BLT5-182    | .31" | 18               | 6.00"  |
| BLT5-193    | .38" | 16               | .75"   |
| BLT5-194    | .38" | 24               | .75"   |
| BLT5-197    | .38" | 16               | 1.00"  |
| BLT5-198    | .38" | 24               | 1.00"  |
| BLT5-199    | .38" | 16               | 1.25"  |
| BLT5-2      | .38" | 24               | 1.25"  |
| BLT5-20     | .38" | 16               | 1.50"  |
| BLT5-200    | .38" | 24               | 1.50"  |
| BLT5-201    | .38" | 16               | 2.00"  |
| BLT5-203    | .38" | 16               | 2.00"  |
| BLT5-204    | .38" | 24               | 2.00"  |
| BLT5-205    | .38" | 16               | 2.25"  |
| BLT5-206    | .38" | 24               | 2.25"  |
| BLT5-207    | .38" | 16               | 2.50"  |
| BLT5-208    | .38" | 24               | 2.50"  |
| BLT5-210    | .38" | 16               | 3.00"  |
| BLT5-211    | .38" | 16               | 3.25"  |
| BLT5-214    | .38" | 16               | 3.50"  |
| BLT5-215    | .38" | 24               | 3.50"  |
| BLT5-218    | .38" | 16               | 4.00"  |
| BLT5-219    | .38" | 24               | 4.00"  |
| BLT5-22     | .38" | 16               | 4.50"  |
| BLT5-220    | .38" | 24               | 4.50"  |
| BLT5-221    | .38" | 16               | 5.00"  |
| BLT5-222    | .38" | 24               | 5.00"  |
| BLT5-225    | .38" | 16               | 6.00"  |
| BLT5-238    | .44" | 14               | 1.00"  |

| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
| BLT5-24     | .44" | 14               | 1.25"  |
| BLT5-241    | .44" | 14               | 1.50"  |
| BLT5-243    | .44" | 14               | 1.75"  |
| BLT5-245    | .44" | 14               | 2.00"  |
| BLT5-249    | .44" | 14               | 2.50"  |
| BLT5-28     | .50" | 13               | 1.00"  |
| BLT5-280    | .50" | 20               | 1.00"  |
| BLT5-281    | .50" | 13               | 1.25"  |
| BLT5-282    | .50" | 20               | 1.25"  |
| BLT5-283    | .50" | 13               | 1.50"  |
| BLT5-284    | .50" | 20               | 1.50"  |
| BLT5-285    | .50" | 13               | 1.75"  |
| BLT5-286    | .50" | 20               | 1.75"  |
| BLT5-287    | .50" | 13               | 2.00"  |
| BLT5-288    | .50" | 20               | 2.00"  |
| BLT5-289    | .50" | 13               | 2.25"  |
| BLT5-290    | .50" | 13               | 2.50"  |
| BLT5-291    | .50" | 20               | 2.50"  |
| BLT5-292    | .50" | 13               | 2.75"  |
| BLT5-293    | .50" | 20               | 2.75"  |
| BLT5-294    | .50" | 13               | 3.00"  |
| BLT5-295    | .50" | 20               | 3.00"  |
| BLT5-298    | .50" | 13               | 3.50"  |
| BLT5-299    | .50" | 20               | 3.50"  |
| BLT5-300    | .50" | 13               | 4.00"  |
| BLT5-301    | .50" | 20               | 4.00"  |
| BLT5-302    | .50" | 13               | 4.50"  |
| BLT5-303    | .50" | 20               | 4.50"  |
| BLT5-304    | .50" | 13               | 5.00"  |
| BLT5-305    | .50" | 20               | 5.00"  |
| BLT5-306    | .50" | 13               | 5.50"  |
| BLT5-307    | .50" | 20               | 5.50"  |
| BLT5-308    | .50" | 13               | 6.00"  |
| BLT5-31     | .50" | 13               | 6.50"  |
| BLT5-311    | .50" | 13               | 7.00"  |
| BLT5-312    | .50" | 20               | 7.00"  |
| BLT5-313    | .50" | 13               | 7.50"  |
| BLT5-315    | .50" | 13               | 8.00"  |
| BLT5-317    | .56" | 12               | 1.00"  |
| BLT5-322    | .56" | 12               | 1.75"  |
| BLT5-331    | .56" | 12               | 3.00"  |
| BLT5-335    | .56" | 12               | 3.50"  |
| BLT5-355    | .62" | 11               | 1.00"  |
| BLT5-357    | .62" | 11               | 1.25"  |
| BLT5-359    | .62" | 11               | 1.50"  |

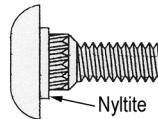
| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
| BLT5-36     | .62" | 18               | 1.50"  |
| BLT5-360    | .62" | 11               | 1.75"  |
| BLT5-361    | .62" | 18               | 1.75"  |
| BLT5-361A   | .62" | 18               | 1.88"  |
| BLT5-362    | .62" | 11               | 2.00"  |
| BLT5-363    | .62" | 18               | 2.00"  |
| BLT5-364    | .62" | 11               | 2.25"  |
| BLT5-365    | .62" | 18               | 2.25"  |
| BLT5-366    | .62" | 11               | 2.50"  |
| BLT5-367    | .62" | 18               | 2.50"  |
| BLT5-368    | .62" | 11               | 2.75"  |
| BLT5-369    | .62" | 18               | 2.75"  |
| BLT5-37     | .62" | 11               | 3.00"  |
| BLT5-370    | .62" | 18               | 3.00"  |
| BLT5-373    | .62" | 11               | 3.50"  |
| BLT5-374    | .62" | 18               | 3.50"  |
| BLT5-377    | .62" | 11               | 4.00"  |
| BLT5-378    | .62" | 18               | 4.00"  |
| BLT5-379    | .62" | 11               | 4.50"  |
| BLT5-38     | .62" | 18               | 4.50"  |
| BLT5-380    | .62" | 11               | 5.00"  |
| BLT5-381    | .62" | 18               | 5.00"  |
| BLT5-382    | .62" | 11               | 5.50"  |
| BLT5-383    | .62" | 18               | 5.50"  |
| BLT5-384    | .62" | 11               | 6.00"  |
| BLT5-385    | .62" | 18               | 6.00"  |
| BLT5-386    | .62" | 11               | 6.50"  |
| BLT5-387    | .62" | 18               | 6.50"  |
| BLT5-388    | .62" | 11               | 7.00"  |
| BLT5-389    | .62" | 18               | 7.00"  |
| BLT5-397    | .75" | 10               | 1.50"  |
| BLT5-398    | .75" | 16               | 1.50"  |
| BLT5-399    | .75" | 10               | 1.75"  |
| BLT5-4      | .75" | 16               | 1.75"  |
| BLT5-40     | .75" | 10               | 2.00"  |
| BLT5-400    | .75" | 16               | 2.00"  |
| BLT5-401    | .75" | 10               | 2.25"  |
| BLT5-403    | .75" | 10               | 2.50"  |
| BLT5-404    | .75" | 16               | 2.50"  |
| BLT5-405    | .75" | 10               | 2.75"  |
| BLT5-407    | .75" | 10               | 3.00"  |
| BLT5-408    | .75" | 16               | 3.00"  |
| BLT5-410    | .75" | 10               | 3.50"  |
| BLT5-411    | .75" | 16               | 3.50"  |
| BLT5-412    | .75" | 10               | 3.75"  |

| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
| BLT5-414    | .75" | 10               | 4.00"  |
| BLT5-415    | .75" | 16               | 4.00"  |
| BLT5-416    | .75" | 10               | 4.50"  |
| BLT5-417    | .75" | 16               | 4.50"  |
| BLT5-418    | .75" | 10               | 5.00"  |
| BLT5-42     | .75" | 10               | 5.50"  |
| BLT5-421    | .75" | 10               | 6.00"  |
| BLT5-449    | .88" | 9                | 3.00"  |
| BLT5-457    | .88" | 14               | 4.00"  |
| BLT5-458    | .88" | 9                | 4.50"  |
| BLT5-46     | .88" | 9                | 5.00"  |
| BLT5-460    | .88" | 14               | 5.00"  |
| BLT5-461    | .88" | 9                | 5.50"  |
| BLT5-463    | .88" | 9                | 6.00"  |

| Part Number | Size  | Threads/<br>Inch | Length |
|-------------|-------|------------------|--------|
| BLT5-464    | .88"  | 14               | 6.00"  |
| BLT5-500    | 1.00" | 8                | 5.00"  |
| BLT5-501    | 1.00" | 14               | 5.00"  |
| BLT5-502    | 1.00" | 8                | 5.50"  |
| BLT5-504    | 1.00" | 8                | 6.00"  |
| BLT5-505    | 1.00" | 14               | 6.00"  |
| BLT5-507    | 1.00" | 14               | 6.50"  |
| BLT5-510    | 1.00" | 14               | 7.50"  |
| BLT5-540    | 1.12" | 18               | 6.00"  |
| BLT5-544    | 1.12" | 7                | 7.00"  |
| BLT5-6      | 1.12" | 7                | 9.50"  |
| BLT5-61     | 1.12" | 7                | 10.00" |
| BLT5-98     | 1.12" | 12               | 10.00" |

### 14.1.6: FRP BOLTS (BLT6)

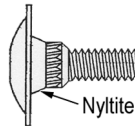
#### 14.1.6.1: STANDARD HEAD FRP BOLTS



| Part Number | Size | Threads/<br>Inch | Length | Shoulder |
|-------------|------|------------------|--------|----------|
| BLT6-1      | M6   | 1.00<br>RISO     | .75"   | .25"     |
| BLT6-2      | .31" | 18               | .88"   | .25"     |
| BLT6-3      | .31" | 18               | 1.00"  | .38"     |

| Part Number | Size | Threads/<br>Inch | Length | Shoulder |
|-------------|------|------------------|--------|----------|
| BLT6-4      | .31" | 18               | 1.25"  | .50"     |
| BLT6-5      | .31" | 18               | 1.44"  | .50"     |
| BLT6-6      | .31" | 18               | 1.69"  | .88"     |

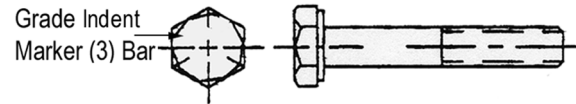
#### 14.1.6.2: WASHER HEAD FRP BOLTS



| Part Number | Size | Threads/<br>Inch | Length | Shoulder |
|-------------|------|------------------|--------|----------|
| BLT6-7      | .31" | 18               | .88"   |          |
| BLT6-8      | .31" | 18               | 1.00"  | .38"     |
|             |      |                  |        |          |

| Part Number | Size | Threads/<br>Inch | Length | Shoulder |
|-------------|------|------------------|--------|----------|
|             |      |                  |        |          |
|             |      |                  |        |          |
|             |      |                  |        |          |

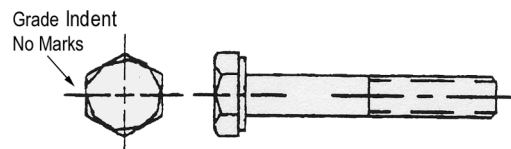
### 14.1.7: GRADE 5 HEX HEAD LOCK BOLTS (BLT7)



| Part Number                      | Size | Threads/<br>Inch | Length |
|----------------------------------|------|------------------|--------|
| Reserved for future part numbers |      |                  |        |
|                                  |      |                  |        |

| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
|             |      |                  |        |
|             |      |                  |        |

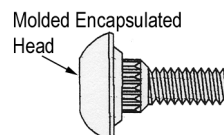
### 14.1.8: GRADE 2 HEX HEAD BOLTS (BLT8)



| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
| BLT8-306    | .50" | 13               | 5.50"  |
|             |      |                  |        |
|             |      |                  |        |

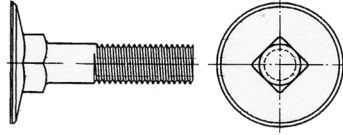
| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |

### 14.1.9: FRP BOLTS (ENCAPSULATED HEAD) (BLT9)



| Part Number | Nominal Size | Threads/Inch | Length | Shoulder | Head Color |
|-------------|--------------|--------------|--------|----------|------------|
| BLT9-1      | M6           | 100 RISO     | .62"   | .25"     | Gray       |
| BLT9-10     | M6           | 100 RISO     | 20.6"  | -----    | Gray       |
| BLT9-11     | .31"         | 18           | .73"   | .22"     | Gray       |
| BLT9-2      | .31"         | 18           | .73"   | .22"     | White      |
| BLT9-3      | .31"         | 18           | .88"   | .25"     | Gray       |
| BLT9-4      | .31"         | 18           | .88"   | .25"     | White      |
| BLT9-5      | .31"         | 18           | 1.00"  | .38"     | Gray       |
| BLT9-6      | .31"         | 18           | 1.00"  | .38"     | White      |
| BLT9-7      | .31"         | 18           | 1.25"  | .50"     | Gray       |
| BLT9-8      | .31"         | 18           | 1.25"  | .50"     | White      |
| BLT9-9      | .38"         | 16           | 1.88"  | -----    | Gray       |

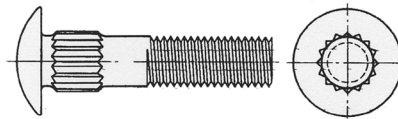
### 14.1.10: FLAT "C" SUNK HEAD ELEVATOR BOLTS (BLT10)



| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
| BLT10-10    | .25" | 28               | .38"   |
| BLT10-108   | .25" | 20               | 1.00"  |
| BLT10-11    | .25" | 20               | 1.25"  |
| BLT10-110   | .25" | 28               | 1.25"  |
| BLT10-111   | .25" | 20               | 1.50"  |
| BLT10-115   | .25" | 20               | 2.00"  |
| BLT10-117   | .25" | 20               | 2.25"  |
| BLT10-122   | .25" | 20               | 3.00"  |
| BLT10-123   | .25" | 28               | 3.00"  |
| BLT10-155   | .31" | 18               | 1.25"  |
| BLT10-156   | .31" | 24               | 1.25"  |
| BLT10-157   | .31" | 18               | 1.50"  |
| BLT10-158   | .31" | 24               | 1.50"  |
| BLT10-160   | .31" | 18               | 2.00"  |
| BLT10-161   | .31" | 24               | 2.00"  |

| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
| BLT10-20    | .38" | 16               | 1.50"  |
| BLT10-200   | .38" | 24               | 1.25"  |
| BLT10-201   | .38" | 24               | 1.25"  |
| BLT10-203   | .38" | 16               | 2.00"  |
| BLT10-205   | .38" | 16               | 2.25"  |
| BLT10-207   | .38" | 16               | 2.50"  |
| BLT10-210   | .38" | 16               | 3.00"  |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |

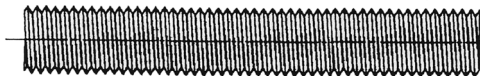
### 14.1.11: ROUND HEAD, RIBBED NECK CARRIAGE BOLTS (BLT11)



| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
| BLT11-20    | .38" | 16               | 1.50"  |
| BLT11-201   | .38" | 16               | 1.75"  |
| BLT11-207   | .38" | 16               | 2.50"  |
|             |      |                  |        |

| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |

### 14.1.12: THREADED RODS (BLT14)



Threaded rods are grade 2 unless noted.

| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
| BLT14-1     | .50" | 20               | 12.00" |
| BLT14-10    | .75" | 16               | 30.00" |
| BLT14-11    | .75" | 16               | 32.00" |
| BLT14-12    | .75" | 16               | 34.00" |
| BLT14-13    | .75" | 16               | 36.00" |
| BLT14-14    | .75" | 16               | 38.00" |
| BLT14-15    | .75" | 16               | 40.00" |
| BLT14-16    | .75" | 16               | 42.00" |
| BLT14-17    | .75" | 16               | 44.00" |
| BLT14-18    | .75" | 16               | 46.00" |
| BLT14-19    | .88" | 14               | 24.00" |
| BLT14-2     | .75" | 16               | 14.00" |
| BLT14-20    | .88" | 14               | 26.00" |
| BLT14-21    | .88" | 14               | 28.00" |
| BLT14-22    | .88" | 14               | 30.00" |
| BLT14-23    | .88" | 14               | 32.00" |
| BLT14-24    | .88" | 14               | 34.00" |
| BLT14-25    | .88" | 14               | 36.00" |

| Part Number | Size  | Threads/<br>Inch | Length |
|-------------|-------|------------------|--------|
| BLT14-26    | .88"  | 14               | 38.00" |
| BLT14-27    | .88"  | 14               | 40.00" |
| BLT14-28    | .88"  | 14               | 42.00" |
| BLT14-29    | .88"  | 14               | 44.00" |
| BLT14-3     | .75"  | 16               | 16.00" |
| BLT14-30    | .88"  | 14               | 46.00" |
| BLT14-31    | 1.00" | 14               | 28.00" |
| BLT14-32    | 1.00" | 14               | 30.00" |
| BLT14-33    | 1.00" | 14               | 32.00" |
| BLT14-34    | 1.00" | 14               | 34.00" |
| BLT14-35    | 1.00" | 14               | 36.00" |
| BLT14-4     | .75"  | 16               | 18.00" |
| BLT14-5     | .75"  | 16               | 20.00" |
| BLT14-6     | .75"  | 16               | 22.00" |
| BLT14-7     | .75"  | 16               | 24.00" |
| BLT14-8     | .75"  | 16               | 26.00" |
| BLT14-9     | .75"  | 16               | 28.00" |
| BLT15-5A    | .25"  | 18               | 24.00" |

### 14.1.13: THREADED ROD (ALL THREAD) (BLT15)



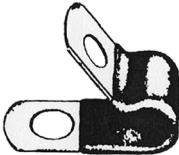
Threaded rods are grade 2 unless noted.

| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
| BLT15-1     | .25" |                  | 36.00" |
| BLT15-2     | .31" |                  | 36.00" |
| BLT15-3     | .38" |                  | 36.00" |
| BLT15-4     | .50" |                  | 36.00" |
| BLT15-5     | .62" | 18               | 36.00" |

| Part Number | Size | Threads/<br>Inch | Length |
|-------------|------|------------------|--------|
| BLT15-5A    | .62" | 18               | 24.00" |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |
|             |      |                  |        |

14.2 Clips

14.2.1: HEAVY DUTY STEEL VINYL COATED CLOSED CLIPS (CLP1)



| Part Number | Tube Size (ID) | Hole Diameter | Pieces per Package |
|-------------|----------------|---------------|--------------------|
| CLP1-1      | .25"           | .38"          | 25                 |
| CLP1-2      | .31"           | .38"          | 25                 |
| CLP1-3      | .38"           | .38"          | 25                 |
| CLP1-4      | .50"           | .38"          | 25                 |
| CLP1-5      | .62"           | .38"          | 25                 |
| CLP1-8      | 1.00"          | .38"          | 25                 |
|             |                |               |                    |
|             |                |               |                    |
|             |                |               |                    |
|             |                |               |                    |
|             |                |               |                    |
|             |                |               |                    |
|             |                |               |                    |
|             |                |               |                    |
|             |                |               |                    |
|             |                |               |                    |

| Part Number | Tube Size (i.D.) | Hole diameter | Pieces per Package |
|-------------|------------------|---------------|--------------------|
|             |                  |               |                    |
|             |                  |               |                    |
|             |                  |               |                    |
|             |                  |               |                    |
|             |                  |               |                    |
|             |                  |               |                    |
|             |                  |               |                    |
|             |                  |               |                    |
|             |                  |               |                    |
|             |                  |               |                    |
|             |                  |               |                    |
|             |                  |               |                    |
|             |                  |               |                    |
|             |                  |               |                    |
|             |                  |               |                    |

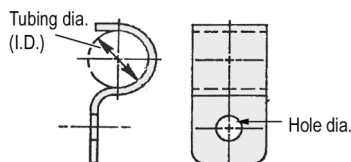
14.2.2: LOOM CLIPS (CLP2)



| Part Number | Tube Size (ID) | Pieces per Package |
|-------------|----------------|--------------------|
| CLP2-1      | .25"           | 100                |
| CLP2-2      | .38"           | 100                |
| CLP2-3      | .50"           | 100                |
|             |                |                    |
|             |                |                    |
|             |                |                    |

| Part Number | Tube Size (ID) | Pieces per Package |
|-------------|----------------|--------------------|
|             |                |                    |
|             |                |                    |
|             |                |                    |
|             |                |                    |
|             |                |                    |

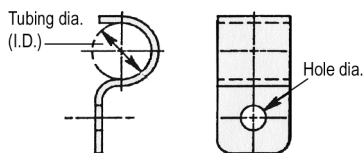
### 14.2.3: PLAIN ALUMINUM CLIPS (CLP3)



| Part Number | Tube Size (ID) | Hole Diameter |
|-------------|----------------|---------------|
| CLP3-1      | .38"           | None          |
| CLP3-2      | .50"           | None          |
| CLP3-3      | .62"           | None          |
|             |                |               |
|             |                |               |

| Part Number | Tube Size (ID) | Hole Diameter |
|-------------|----------------|---------------|
|             |                |               |
|             |                |               |
|             |                |               |
|             |                |               |
|             |                |               |

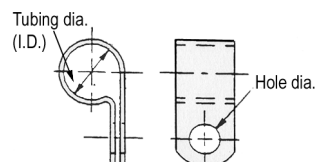
### 14.2.4: PLAIN STEEL CLIPS (CLP4)



| Part Number | Tube Size (ID) | Hole Diameter |
|-------------|----------------|---------------|
| CLP4-1      | .38"           | None          |
| CLP4-2      | .50"           | None          |
|             |                |               |
|             |                |               |

| Part Number | Tube Size (ID) | Hole Diameter |
|-------------|----------------|---------------|
|             |                |               |
|             |                |               |
|             |                |               |
|             |                |               |

### 14.2.5: NYLON CLOSED CLIPS (CLP5)

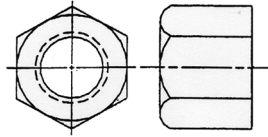


| Part Number | Tube Size (ID) | Hole Diameter |
|-------------|----------------|---------------|
| CLP5-1      | .25"           | .204"         |
| CLP5-2      | .38"           | .204"         |
|             |                |               |
|             |                |               |

| Part Number | Tube Size (ID) | Hole Diameter |
|-------------|----------------|---------------|
|             |                |               |
|             |                |               |
|             |                |               |
|             |                |               |

## 14.3 Nuts

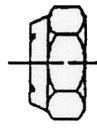
### 14.3.1: HEXAGON FINISHED HIGH NUTS (NUT1)



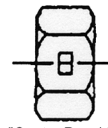
| Part Number | Size  | Threads/Inch |
|-------------|-------|--------------|
| NUT1-4      | .25"  | 20           |
| NUT1-7      | .38"  | 16           |
| NUT1-7A     | 1.12" | 12           |
| NUT1-25     | .50"  | 20           |

| Part Number | Size | Threads/Inch |
|-------------|------|--------------|
| NUT1-32A    | .88" | 14           |
|             |      |              |
|             |      |              |
|             |      |              |

### 14.3.2: GRADE 5 FINISHED HEX LOCK NUTS (NUT2)



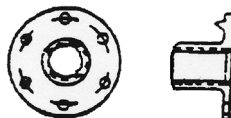
"Stover" Type

"Center Punch"  
"Reversible" Type

| Part Number | Size | Threads/Inch |
|-------------|------|--------------|
| NUT2-1      | #6   | 32           |
| NUT2-13     | #10  | 24           |
| NUT2-14     | #10  | 32           |
| NUT2-15     | #12  | 24           |
| NUT2-16     | #12  | 28           |
| NUT2-17     | .25" | 20           |
| NUT2-18     | .25" | 28           |
| NUT2-19     | .31" | 18           |
| NUT2-2      | .31" | 24           |
| NUT2-20     | .38" | 16           |
| NUT2-21     | .38" | 24           |
| NUT2-22     | .44" | 14           |

| Part Number | Size  | Threads/Inch |
|-------------|-------|--------------|
| NUT2-23     | .44"  | 20           |
| NUT2-24     | .50"  | 13           |
| NUT2-25     | .50"  | 20           |
| NUT2-28     | .62"  | 11           |
| NUT2-29     | .62"  | 18           |
| NUT2-30A    | .75"  | 16           |
| NUT2-32     | .88"  | 16           |
| NUT2-4      | 1.00" | 8            |
| NUT2-5      | 1.00" | 14           |
| NUT2-6      | 1.12" | 7            |
|             |       |              |
|             |       |              |

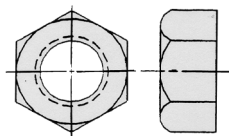
### 14.3.3: TEE TYPE NUTS (NUT3)



| Part Number | Size | Thread/Inch | Shoulder Length |
|-------------|------|-------------|-----------------|
| NUT3-2      | .31" | ----        | ----            |
| NUT3-14     | #10  | 32          | .28"            |
|             |      |             |                 |
|             |      |             |                 |

| Part Number | Size | Thread/Inch | Shoulder Length |
|-------------|------|-------------|-----------------|
|             |      |             |                 |
|             |      |             |                 |
|             |      |             |                 |
|             |      |             |                 |

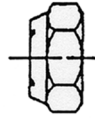
### 14.3.4: GRADE 2 REGULAR HEX NUTS (NUT4)



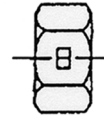
| Part Number | Size | Threads/Inch |
|-------------|------|--------------|
| NUT4-1      | #6   | 32           |
| NUT4-11     | #8   | 32           |
| NUT4-12     | #8   | 36           |
| NUT4-13     | #10  | 24           |
| NUT4-14     | #10  | 32           |
| NUT4-15     | #12  | 24           |
| NUT4-17     | .25" | 20           |
| NUT4-18     | .25" | 28           |
| NUT4-19     | .31" | 18           |
| NUT4-2      | .31" | 24           |
| NUT4-20     | .38" | 16           |
| NUT4-21     | .38" | 24           |
| NUT4-22     | .44" | 14           |

| Part Number | Size  | Threads/Inch |
|-------------|-------|--------------|
| NUT4-23     | .44"  | 20           |
| NUT4-24     | .50"  | 13           |
| NUT4-25     | .50"  | 20           |
| NUT4-26     | .56"  | 12           |
| NUT4-28     | .62"  | 11           |
| NUT4-29     | .62"  | 18           |
| NUT4-3      | .75"  | 10           |
| NUT4-30     | .75"  | 16           |
| NUT4-31     | .88"  | 9            |
| NUT4-32     | .88"  | 14           |
| NUT4-4      | 1.00" | 8            |
| NUT4-5      | 1.00" | 14           |
|             |       |              |

### 14.3.5: GRADE 8 FINISHED HEX LOCK NUTS (NUT5)



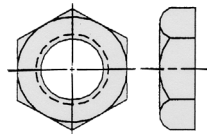
"Stover" Type

"Center Punch"  
"Reversible" Type

| Part Number | Size | Threads/Inch |
|-------------|------|--------------|
| NUT5-13     | #10  | 24           |
| NUT5-14     | #10  | 32           |
| NUT5-17     | .25" | 20           |
| NUT5-18     | .25" | 28           |
| NUT5-19     | .31" | 18           |
| NUT5-2      | .31" | 24           |
| NUT5-20     | .38" | 16           |
| NUT5-21     | .38" | 24           |
| NUT5-22     | .44" | 14           |
| NUT5-24     | .50" | 13           |
| NUT5-24A    | .50" | 13           |
| NUT5-25     | .50" | 20           |
| NUT5-26     | .56" | 12           |
| NUT5-28     | .62" | 11           |
| NUT5-29     | .62" | 15           |
| NUT5-3      | .75" | 16           |
| NUT5-30     | .75" | 16           |
| NUT5-30A    | .75" | 16           |
| NUT5-31     | .88" | 9            |
| NUT5-32     | .88" | 14           |

| Part Number       | Size  | Threads/Inch |
|-------------------|-------|--------------|
| NUT5-4            | 1.00" | 8            |
| NUT5-5            | 1.00" | 14           |
|                   |       |              |
| With Nylon Insert |       |              |
| NUT5-5-17         | .25"  | 20           |
| NUT5-5-19         | .31"  | 18           |
| NUT5-5-2          | .31"  | 24           |
| NUT5-5-20         | .38"  | 16           |
| NUT5-5-21         | .38"  | 24           |
| NUT5-5-22         | .44"  | 14           |
| NUT5-5-24         | .50"  | 13           |
| NUT5-5-25         | .50"  | 20           |
| NUT5-5-26         | .56"  | 18           |
| NUT5-5-28         | .62"  | 11           |
| NUT5-5-29         | .62"  | 18           |
| NUT5-5-3          | .75"  | 10           |
| NUT5-5-30         | .75"  | 16           |
| NUT5-5-31         | .88"  | 9            |
| NUT5-5-32         | .88"  | 14           |
| NUT5-5-5          | 1.00" | 8            |

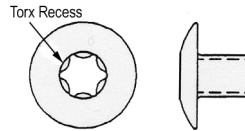
### 14.3.6: HEX JAM NUTS (NUT6)



| Part Number | Size  | Threads/Inch |
|-------------|-------|--------------|
| NUT6-28     | .62"  | 11           |
| NUT6-29     | .62"  | 18           |
| NUT6-5      | 1.00" | 14           |
|             |       |              |
|             |       |              |

| Part Number | Size | Threads/Inch |
|-------------|------|--------------|
|             |      |              |
|             |      |              |
|             |      |              |
|             |      |              |

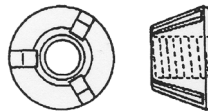
### 14.3.7: FRP NUTS (NUT9)



| Part Number | Size | Threads/<br>Inch | Head<br>Diameter | Shoulder<br>Length |
|-------------|------|------------------|------------------|--------------------|
| NUT9-1      | M6   | 1.00 RISO        | .660"            | .31"               |
| NUT9-2      | M6   | 1.00 RISO        | .875"            | .38"               |
| NUT9-3      | M6   | 1.00 RISO        | .875"            | .50"               |
| NUT9-4      | .31" | 18               | 1.000"           | .38"               |
| NUT9-5      | .31" | 18               | 1.000"           | .50"               |

| Part Number | Size | Threads/<br>Inch | Head<br>Diameter | Shoulder<br>Length |
|-------------|------|------------------|------------------|--------------------|
| NUT9-6      | .31" | 18               | .743"            | .50"               |
| NUT9-7      | .31" | 18               | .618"            | .50"               |
| NUT9-8      | .31" | 18               | 1.000"           | .62"               |
|             |      |                  |                  |                    |
|             |      |                  |                  |                    |

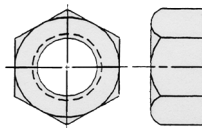
### 14.3.8: SPECIAL NUTS (NUT15)



| Part Number | Size | Threads/Inch |
|-------------|------|--------------|
| NUT15-1     | .38" | 16           |
|             |      |              |
|             |      |              |
|             |      |              |
|             |      |              |

| Part Number | Size | Threads/Inch |
|-------------|------|--------------|
|             |      |              |
|             |      |              |
|             |      |              |
|             |      |              |
|             |      |              |

### 14.3.9: GRADE 8 REGULAR HEX NUTS (NUT16)



| Part Number | Size | Threads/Inch |
|-------------|------|--------------|
| NUT16-19    | .31" | 18           |
| NUT16-20    | .38" | 16           |
| NUT16-24    | .50" | 13           |
| NUT16-28    | .62" | 11           |
| NUT16-29    | .62" | 18           |

| Part Number | Size | Threads/Inch |
|-------------|------|--------------|
| NUT16-30    | .75" | 16           |
| NUT16-32    | .88" | 14           |
|             |      |              |
|             |      |              |
|             |      |              |

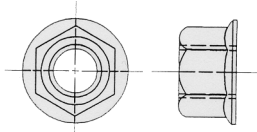
**14.3.10: KEPS LOCK NUTS (NUT19)**



| Part Number | Size | Threads/Inch |
|-------------|------|--------------|
| NUT19-17    | .25" | 20           |
|             |      |              |
|             |      |              |
|             |      |              |
|             |      |              |

| Part Number | Size | Threads/Inch |
|-------------|------|--------------|
|             |      |              |
|             |      |              |
|             |      |              |
|             |      |              |
|             |      |              |

**14.3.11: HEX FLANGE LOCK NUTS (NUT20)**

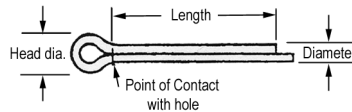


| Part Number | Size | Threads/Inch |
|-------------|------|--------------|
| NUT20-19    | .31" | 18           |
| NUT20-32    | .88" | 14           |
|             |      |              |
|             |      |              |
|             |      |              |

| Part Number | Size | Threads/Inch |
|-------------|------|--------------|
|             |      |              |
|             |      |              |
|             |      |              |
|             |      |              |
|             |      |              |

## 14.4 Pins

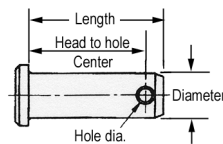
### 14.4.1: STEEL COTTER PINS (PIN1)



| Part Number | Diameter | Length | Head Diameter |
|-------------|----------|--------|---------------|
| PIN1-1      | .12"     | 1.00"  | .25"          |
| PIN1-2      | .06"     | -----  | .12"          |
| PIN1-3      | .09"     | 3.00"  | .19"          |
| PIN1-4      | .19"     | -----  | .50"          |
| PIN1-5      | .25"     | 1.00"  | .50"          |
| PIN1-6      | .25"     | 2.00"  | .50"          |
| PIN1-7      | .19"     | 3.00"  | .38"          |
| PIN1-8      | .12"     | 2.00"  | .25"          |
| PIN1-9      | .16"     | 1.50"  | .07"          |
| PIN1-10     | .25"     | 3.00"  | .50"          |
| PIN1-11     | .09"     | 1.00"  | .19"          |
| PIN1-12     | .12"     | 1.50"  | .25"          |

| Part Number | Diameter | Length | Head Diameter |
|-------------|----------|--------|---------------|
| PIN1-13     | .19"     | 2.25"  | .38"          |
| PIN1-14     | .12"     | .75"   | .25"          |
| PIN1-15     | .31"     | 1.00"  | .62"          |
| PIN1-16     | .31"     | 2.00"  | .62"          |
|             |          |        |               |
|             |          |        |               |
|             |          |        |               |
|             |          |        |               |
|             |          |        |               |
|             |          |        |               |
|             |          |        |               |
|             |          |        |               |
|             |          |        |               |

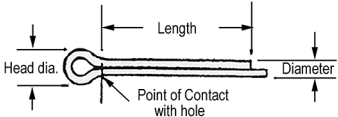
### 14.4.2: CLEVIS PINS (PIN2)



| Part Number | Length | Threads/ Inch | Head to Hole Dia. | Hole Dia. |
|-------------|--------|---------------|-------------------|-----------|
| PIN2-1      | -----  | .50"          |                   |           |
| PIN2-2      | 1.62"  | .56"          |                   |           |
|             |        |               |                   |           |
|             |        |               |                   |           |

| Part Number | Length | Threads/ Inch | Head to Hole Dia. | Hole Dia. |
|-------------|--------|---------------|-------------------|-----------|
|             |        |               |                   |           |
|             |        |               |                   |           |
|             |        |               |                   |           |
|             |        |               |                   |           |

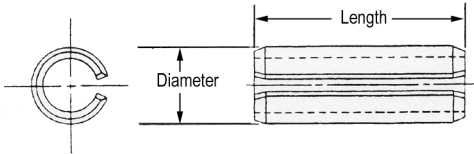
**14.4.3: STAINLESS STEEL COTTER PINS (PIN3)**



| Part Number                      | Diameter | Length | Head Diameter |
|----------------------------------|----------|--------|---------------|
| Reserved for future part numbers |          |        |               |
|                                  |          |        |               |

| Part Number | Diameter | Length | Head Diameter |
|-------------|----------|--------|---------------|
|             |          |        |               |
|             |          |        |               |

**14.4.4: ROLL PINS (PIN4)**



| Part Number | Nominal Diameter | Diameter    | Length |
|-------------|------------------|-------------|--------|
| PIN4-1      | .12"             | .131"/.135" | 1.25"  |
| PIN4-2      | .19"             | .194"/.199" | 1"     |
| PIN4-3      | .25"             | -----       | -----  |
| PIN4-4      | .31"             | -----       | -----  |
| PIN4-5      | .06"             | -----       | 1"     |

| Part Number | Nominal Diameter | Diameter | Length |
|-------------|------------------|----------|--------|
|             |                  |          |        |
|             |                  |          |        |
|             |                  |          |        |
|             |                  |          |        |
|             |                  |          |        |

## 14.5 Uni-tap & Tap-it Fasteners

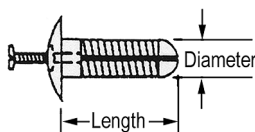
### 14.5.1: NYLON UNI-TAPS (RVB1)



| Part Number | Diameter | Length | Pieces per Package |
|-------------|----------|--------|--------------------|
| RVB1-1      | .25"     | 1.00"  | 1                  |
| RVB1-2      | .25"     | 1.62"  | 1                  |
| RVB1-3      | .25"     | 2.12"  | 1                  |

| Part Number | Diameter | Length | Pieces per Package |
|-------------|----------|--------|--------------------|
| RVB1-4      | .25"     | 2.62"  | 1                  |
|             |          |        |                    |
|             |          |        |                    |

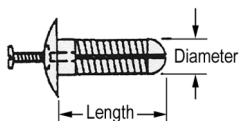
### 14.5.2: ALUMINUM PIN NYLON TAP-ITS (RVB2)



| Part Number | Diameter | Length | Pieces per Package |
|-------------|----------|--------|--------------------|
| RVB2-1A     | .25"     | .50"   | 50                 |
| RVB2-2      | .25"     | .75"   | 1                  |
| RVB2-2A     | .25"     | .75"   | 100                |
| RVB2-3      | .25"     | 1.00"  | 1                  |
| RVB2-3A     | .25"     | 1.00"  | 100                |
| RVB2-3B     | .25"     | 1.00"  | 250                |
| RVB2-4      | .25"     | 1.50"  | 1                  |
| RVB2-4A     | .25"     | 1.50"  | 50                 |
| RVB2-4B     | .25"     | 1.50"  | 100                |

| Part Number | Diameter | Length | Pieces per Package |
|-------------|----------|--------|--------------------|
| RVB2-5      | .25"     | 2.00"  | 1                  |
| RVB2-5A     | .25"     | 2.00"  | 50                 |
| RVB2-5B     | .25"     | 2.00"  | 100                |
| RVB2-6      | .25"     | 3.00"  | 1                  |
| RVB2-6A     | .25"     | 3.00"  | 50                 |
| RVB2-6B     | .25"     | 3.00"  | 100                |
|             |          |        |                    |
|             |          |        |                    |

### 14.5.3: STEEL PIN NYLON TAP-ITS (RVB3)

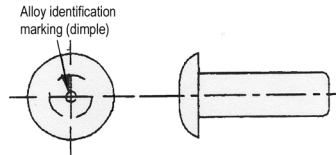


| Part Number                      | Diameter | Length | Pieces per Package |
|----------------------------------|----------|--------|--------------------|
| Reserved for future part numbers |          |        |                    |
|                                  |          |        |                    |

| Part Number | Diameter | Length | Pieces per Package |
|-------------|----------|--------|--------------------|
|             |          |        |                    |
|             |          |        |                    |

## 14.6 Rivets

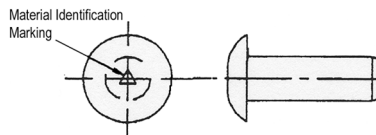
### 14.6.1: ALUMINUM UNIVERSAL HEAD RIVETS (RVT1)



| Part Number | Diameter | Length | Pieces per Pound |
|-------------|----------|--------|------------------|
| RVT1-222    | .19"     | .38"   | 633              |
| RVT1-223    | .19"     | .44"   | 571              |
| RVT1-224    | .19"     | .50"   | 521              |
| RVT1-226    | .19"     | .62"   | 441              |
| RVT1-23     | .19"     | .88"   | 337              |
| RVT1-262    | .25"     | .38"   | 306              |
| RVT1-263    | .25"     | .44"   | 279              |
| RVT1-264    | .25"     | .50"   | 257              |
| RVT1-265    | .25"     | .56"   | 238              |
| RVT1-266    | .25"     | .62"   | 222              |
| RVT1-268    | .25"     | .75"   | 195              |
| RVT1-27     | .25"     | .88"   | 174              |

| Part Number | Diameter | Length | Pieces per Pound |
|-------------|----------|--------|------------------|
| RVT1-305    | .31"     | .50"   | 151              |
| RVT1-307    | .31"     | .62"   | 132              |
| RVT1-309    | .31"     | .75"   | 117              |
| RVT1-310    | .31"     | .88"   | 105              |
| RVT1-68     | .38"     | .75"   | 81               |
| RVT1-69     | .38"     | .81"   | 77               |
| RVT1-7      | .38"     | .88"   | 73               |
| RVT1-70     | .38"     | .94"   | 69               |
| RVT1-71     | .38"     | 1.00"  | 66               |
|             |          |        |                  |
|             |          |        |                  |
|             |          |        |                  |

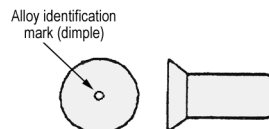
### 14.6.2: STEEL UNIVERSAL HEAD RIVETS (RVT2)



| Part Number                      | Diameter | Length | Pieces per Pound |
|----------------------------------|----------|--------|------------------|
| Reserved for future part numbers |          |        |                  |
|                                  |          |        |                  |

| Part Number | Diameter | Length | Pieces per Pound |
|-------------|----------|--------|------------------|
|             |          |        |                  |
|             |          |        |                  |

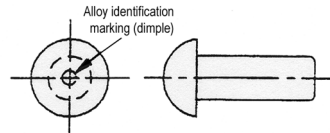
### 14.6.3: ALUMINUM COUNTER SUNK HEAD RIVETS (RVT3)



| Part Number                      | Diameter | Length | Pieces per Pound |
|----------------------------------|----------|--------|------------------|
| Reserved for future part numbers |          |        |                  |
|                                  |          |        |                  |

| Part Number | Diameter | Length | Pieces per Pound |
|-------------|----------|--------|------------------|
|             |          |        |                  |
|             |          |        |                  |

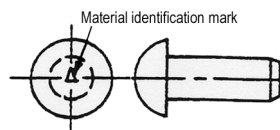
### 14.6.4: ALUMINUM BUTTON HEAD RIVETS (RVT4)



| Part Number | Diameter | Length | Pieces per Pound |
|-------------|----------|--------|------------------|
| RVT4-222    | .19"     | .38"   | 561              |
| RVT4-266    | .25"     | .62"   | 205              |
| RVT4-268    | .25"     | .75"   | 182              |
| RVT4-68     | .38"     | .75"   | 69               |

| Part Number | Diameter | Length | Pieces per Pound |
|-------------|----------|--------|------------------|
| RVT4-69     | .38"     | .81"   | 66               |
| RVT4-7      | .38"     | .88"   | 63               |
| RVT4-71     | .38"     | 1.00"  | 58               |
|             |          |        |                  |

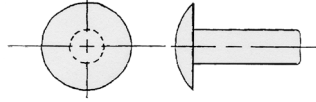
### 14.6.5: STEEL BUTTON HEAD RIVETS (RVT5)



| Part Number                      | Diameter | Length | Pieces per Pound |
|----------------------------------|----------|--------|------------------|
| Reserved for future part numbers |          |        |                  |
|                                  |          |        |                  |

| Part Number | Diameter | Length | Pieces per Pound |
|-------------|----------|--------|------------------|
|             |          |        |                  |
|             |          |        |                  |

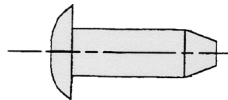
### 14.6.6: ALUMINUM BRAZIER HEAD RIVETS (RVT6)



| Part Number | Diameter | Length | Pieces per Pound |
|-------------|----------|--------|------------------|
| RVT6-220    | .19"     | .25"   |                  |
| RVT6-222    | .19"     | .38"   |                  |
| RVT6-223    | .19"     | .44"   |                  |
| RVT6-224    | .19"     | .50"   |                  |
| RVT6-225    | .19"     | .56"   |                  |
| RVT6-226    | .19"     | .62"   |                  |
| RVT6-228    | .19"     | .75"   |                  |
| RVT6-231    | .19"     | 1.00"  |                  |
| RVT6-262    | .25"     | .38"   |                  |
| RVT6-263    | .25"     | .44"   |                  |
| RVT6-264    | .25"     | .50"   |                  |
| RVT6-265    | .25"     | .56"   |                  |
| RVT6-266    | .25"     | .62"   |                  |
| RVT6-268    | .25"     | .75"   |                  |
| RVT6-269    | .25"     | .81"   |                  |
| RVT6-27     | .25"     | .88"   |                  |
| RVT6-271    | .25"     | 1.00"  |                  |

| Part Number | Diameter | Length | Pieces per Pound |
|-------------|----------|--------|------------------|
| RVT6-303    | .31"     | .38"   |                  |
| RVT6-305    | .31"     | .38"   |                  |
| RVT6-307    | .31"     | .62"   |                  |
| RVT6-309    | .31"     | .75"   |                  |
| RVT6-64     | .38"     | .50"   |                  |
| RVT6-66     | .38"     | .62"   |                  |
| RVT6-68     | .38"     | .75"   |                  |
| RVT6-69     | .38"     | .81"   |                  |
|             |          |        |                  |
|             |          |        |                  |
|             |          |        |                  |
|             |          |        |                  |
|             |          |        |                  |
|             |          |        |                  |
|             |          |        |                  |
|             |          |        |                  |
|             |          |        |                  |

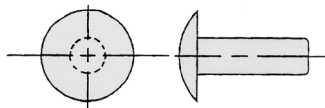
### 14.6.7: STAINLESS STEEL UNIVERSAL HEAD RIVETS (RVT7)



| Part Number | Diameter | Length | Pieces per Pound |
|-------------|----------|--------|------------------|
| RVT7-222    | .19"     | .38"   | 209              |
| RVT7-223    | .19"     | .44"   | 189              |

| Part Number | Diameter | Length | Pieces per Pound |
|-------------|----------|--------|------------------|
| RVT7-224    | .19"     | .50"   | 173              |
|             |          |        |                  |

### 14.6.8: ALUMINUM MODIFIED BRAZIER HEAD RIVETS (RVT10)



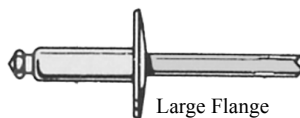
| Part Number | Diameter | Length | Pieces per Pound |
|-------------|----------|--------|------------------|
| RVT10-220   | .19"     | .25"   | 840              |
| RVT10-222   | .19"     | .38"   | 649              |
| RVT10-223   | .19"     | .44"   | 584              |
| RVT10-224   | .19"     | .50"   | 531              |
| RVT10-228   | .19"     | .75"   | 387              |
| RVT10-228A  | .19"     | 1.00"  | 305              |
| RVT10-262   | .25"     | .38"   | 369              |
| RVT10-263   | .25"     | .44"   | 331              |
| RVT10-264   | .25"     | .50"   | 300              |
| RVT10-266   | .25"     | .62"   | 253              |
| RVT10-268   | .25"     | .75"   | 218              |
| RVT10-271   | .25"     | 1.00"  | 172              |

| Part Number | Diameter | Length | Pieces per Pound |
|-------------|----------|--------|------------------|
| RVT10-305   | .31"     | .50"   | 169              |
| RVT10-307   | .31"     | .62"   | 145              |
| RVT10-309   | .31"     | .75"   | 128              |
| RVT10-64    | .38"     | .50"   | -----            |
| RVT10-68    | .38"     | .75"   | 81               |
|             |          |        |                  |
|             |          |        |                  |
|             |          |        |                  |
|             |          |        |                  |
|             |          |        |                  |
|             |          |        |                  |
|             |          |        |                  |

### 14.6.9: "POP" RIVETS (POP)



Standard



Large Flange



Sealed

| Part Number                                  | Diameter | Length | Material        |
|----------------------------------------------|----------|--------|-----------------|
| <b>Standard "POP" Rivets</b>                 |          |        |                 |
| POPAD64BS                                    | 3/16"    | 1/4"   | Aluminum/Steel  |
| POPAD66BS                                    | 3/16"    | 3/8"   | Aluminum/Steel  |
| POPAD68BS                                    | 3/16"    | 1/2"   | Aluminum/Steel  |
| POPAD610BS                                   | 3/16"    | 5/8"   | Aluminum/Steel  |
| POPAD612BS                                   | 3/16"    | 3/4"   | Aluminum/Steel  |
| POPADSD84BS                                  | 1/4"     | 1/8"   | Aluminum/Steel  |
| POPXAD86BS                                   | 1/4"     | 1/2"   | Aluminum/Steel  |
| POPXAD88BS                                   | 1/4"     | 5/8"   | Aluminum/Steel  |
| POPADSD810BS                                 | 1/4"     | 3/4"   | Aluminum/Steel  |
| POPXAD816BS                                  | 1/4"     | 1"     | Aluminum/Steel  |
| <b>Standard "POP" Rivets Stainless Steel</b> |          |        |                 |
| POPSSD64SSBS                                 | 3/16"    | 1/4"   | Stainless Steel |
|                                              |          |        |                 |
|                                              |          |        |                 |
|                                              |          |        |                 |
|                                              |          |        |                 |

| Part Number                      | Diameter | Length | Material          |
|----------------------------------|----------|--------|-------------------|
| <b>Large Flange "POP" Rivets</b> |          |        |                   |
| POPAD64BSLF                      | 3/16"    | 1/4"   | Aluminum/Steel    |
| POPAD66BSLF                      | 3/16"    | 3/8"   | Aluminum/Steel    |
| POPAD68BSLF                      | 3/16"    | 1/2"   | Aluminum/Steel    |
| POPAD610BSLF                     | 3/16"    | 5/8"   | Aluminum/Steel    |
| POPAD612BSLF                     | 3/16"    | 3/4"   | Aluminum/Steel    |
| <b>Sealed "POP" Rivets</b>       |          |        |                   |
| POPAD62AH                        | 3/16"    | .345"  | Aluminum/Aluminum |
| POPAD64AH                        | 3/16"    | .470"  | Aluminum/Aluminum |
| POPAD66AH                        | 3/16"    | .595"  | Aluminum/Aluminum |
| POPAD68AH                        | 3/16"    | .720"  | Aluminum/Aluminum |
| <b>Sealed "POP" Rivets</b>       |          |        |                   |
| POPAD62H                         | 3/16"    | .345"  | Aluminum/Steel    |
| POPAD64H                         | 3/16"    | .470"  | Aluminum/Steel    |
| POPAD66H                         | 3/16"    | .595"  | Aluminum/Steel    |
| POPAD68H                         | 3/16"    | .720"  | Aluminum/Steel    |

14.7 Monobolts

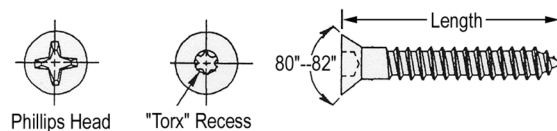
14.7.1: MONOBOLTS

| Part Number                      | Diameter | Length | Pieces per Pound |
|----------------------------------|----------|--------|------------------|
| Reserved for future part numbers |          |        |                  |
|                                  |          |        |                  |

| Part Number | Diameter | Length | Pieces per Pound |
|-------------|----------|--------|------------------|
|             |          |        |                  |
|             |          |        |                  |

## 14.8 Floor Screws

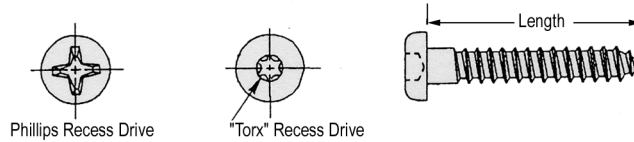
### 14.8.1: SELF TAPPING TYPE AB THREAD FORMING FLAT HEAD SCREWS (SCR1)



| Part Number | Size | Threads/<br>Inch | Length | Package Qty. |
|-------------|------|------------------|--------|--------------|
| SCR1-137    | #8   | 18               | .75"   |              |
| SCR1-262    | #10  | 24               | .75"   |              |
| SCR1-268    | #10  | 24               | 1.00"  |              |
| SCR1-290    | #10  | 32               | 2.00"  |              |
| SCR1-387    | #12  | 24               | .75"   |              |
| SCR1-392    | #12  | 24               | 1.00"  |              |
| SCR1-395    | #12  | 24               | 1.12"  |              |
| SCR1-401    | #12  | 14               | 1.50"  |              |
| SCR1-402    | #12  | 24               | 1.50"  |              |
| SCR1-515    | .25" | 14               | 1.00"  |              |
| SCR1-516    | .25" | 20               | 1.00"  |              |
| SCR1-537    | .25" | 14               | 2.00"  |              |

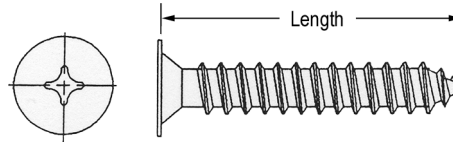
| Part Number | Size | Threads/<br>Inch | Length | Package Qty. |
|-------------|------|------------------|--------|--------------|
| SCR1-538    | .25" | 20               | 2.00"  |              |
| SCR1-548    | .25" | 14               | 2.50"  |              |
| SCR1-560    | .25" | 28               | 3.00"  |              |
| SCR1-636    | .31" | 24               | .75"   |              |
| SCR1-910    | .44" | 10               | 5.38"  |              |
| SCR1-912    | .44" | 10               | 5.62"  |              |
| SCR1-914    | .44" | 10               | 5.88"  |              |
|             |      |                  |        |              |
|             |      |                  |        |              |
|             |      |                  |        |              |
|             |      |                  |        |              |

### 14.8.2: SELF TAPPING TYPE AB THREAD FORMING PAN HEAD SCREW (SCR2)



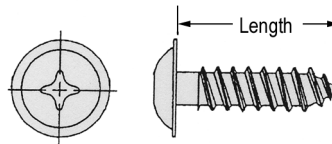
| Part Number | Size | Thread/Inch | Length |
|-------------|------|-------------|--------|
| SCR2-1      | #6   | 20          | .38"   |
| SCR2-1000   | #6   | 14          | .50"   |
| SCR2-1002   | #6   | 40          | .50"   |
| SCR2-1004   | #6   | 32          | .62"   |
| SCR2-1006   | #6   | 20          | .75"   |
| SCR2-1007   | #6   | 32          | .75"   |
| SCR2-1008   | #6   | 40          | .75"   |
| SCR2-1009   | #6   | 20          | .88"   |
| SCR2-1010   | #6   | 40          | .88"   |
| SCR2-1011   | #6   | 20          | 1.00"  |
| SCR2-1012   | #6   | 32          | 1.00"  |
| SCR2-1013   | #6   | 40          | 1.00"  |
| SCR2-1014   | #6   | 20          | 1.12"  |
| SCR2-1015   | #6   | 32          | 1.12"  |
| SCR2-1016   | #6   | 40          | 1.12"  |
| SCR2-129    | #8   | 18          | .38"   |
| SCR2-131    | #8   | 18          | .50"   |
| SCR2-132    | #8   | 32          | .50"   |
| SCR2-134    | #8   | 18          | .62"   |
| SCR2-137    | #8   | 18          | .75"   |
| SCR2-138    | #8   | 32          | .75"   |
| SCR2-142    | #8   | 18          | 1.00"  |
| SCR2-143    | #8   | 32          | 1.00"  |
| SCR2-148    | #8   | 18          | 1.25"  |
| SCR2-153    | #8   | 18          | 1.50"  |
| SCR2-154    | #8   | 32          | 1.50"  |
| SCR2-253    | #10  | 16          | .38"   |
| SCR2-256    | #10  | 16          | .50"   |
| SCR2-257    | #10  | 24          | .50"   |
| SCR2-259    | #10  | 16          | .62"   |
| SCR2-261    | #10  | 16          | .75"   |
| SCR2-262    | #10  | 24          | .75"   |
| SCR2-267    | #10  | 16          | 1.00"  |
| SCR2-268    | #10  | 24          | 1.00"  |
| SCR2-27     | #10  | 16          | 1.12"  |
| SCR2-272    | #10  | 16          | 1.25"  |

| Part Number | Size | Thread/Inch | Length |
|-------------|------|-------------|--------|
| SCR2-278    | #10  | 16          | 1.50"  |
| SCR2-279    | #10  | 24          | 1.50"  |
| SCR2-283    | #10  | 16          | 1.75"  |
| SCR2-289    | #10  | 16          | 2.00"  |
| SCR2-29     | #10  | 24          | 2.00"  |
| SCR2-380    | #12  | 14          | .50"   |
| SCR2-381    | #12  | 24          | .50"   |
| SCR2-386    | #12  | 14          | .75"   |
| SCR2-387    | #12  | 24          | .75"   |
| SCR2-391    | #12  | 14          | 1.00"  |
| SCR2-392    | #12  | 24          | 1.00"  |
| SCR2-394    | #12  | 24          | 1.00"  |
| SCR2-397    | #12  | 14          | 1.25"  |
| SCR2-401    | #12  | 14          | 1.50"  |
| SCR2-402    | #12  | 24          | 1.50"  |
| SCR2-407    | #12  | 14          | 1.75"  |
| SCR2-412    | #12  | 14          | 2.00"  |
| SCR2-413    | #12  | 24          | 2.00"  |
| SCR2-421    | #12  | 24          | 2.38"  |
| SCR2-425    | #12  | 28          | 2.50"  |
| SCR2-504    | .25" | 14          | .50"   |
| SCR2-505    | .25" | 20          | .50"   |
| SCR2-507    | .25" | 14          | .62"   |
| SCR2-51     | .25" | 14          | .75"   |
| SCR2-510    | .25" | 20          | .75"   |
| SCR2-515    | .25" | 14          | 1.00"  |
| SCR2-516    | .25" | 20          | 1.00"  |
| SCR2-518    | .25" | 14          | 1.12"  |
| SCR2-520    | .25" | 14          | 1.25"  |
| SCR2-526    | .25" | 14          | 1.50"  |
| SCR2-527    | .25" | 20          | 1.50"  |
| SCR2-527    | .25" | 14          | 2.00"  |
| SCR2-538    | .25" | 20          | 2.00"  |
| SCR2-548    | .25" | 14          | 2.50"  |
| SCR2-56     | .25" | 20          | 3.00"  |
| SCR2-621    | .25" | 20          | 5.88"  |

**14.8.3: S.T. TYPE AB THREAD FORMING COUNTER SUNK FLANGE HEAD SCREW (SCR3)**


| Part Number | Size | Threads/ Inch | Length | Package Qty. |
|-------------|------|---------------|--------|--------------|
| SCR3-8      | .38" | 12            | 2.62"  |              |
|             |      |               |        |              |

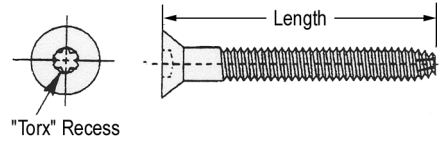
| Part Number | Size | Threads/ Inch | Length | Package Qty. |
|-------------|------|---------------|--------|--------------|
|             |      |               |        |              |
|             |      |               |        |              |

**14.8.4: S.T. TYPE AB THREAD FORMING TRUSS WASHER HEAD SCREW (SCR4)**


| Part Number | Size | Threads/ Inch | Length | Package Qty. |
|-------------|------|---------------|--------|--------------|
| SCR4-2      | #8   | 18            | 3.62"  |              |
| SCR4-262    | #10  | 24            | .75"   |              |
| SCR4-268    | #10  | 24            | 1.00"  |              |
| SCR4-269    | #10  | 32            | 1.00"  |              |
| SCR4-3      | #10  | 16            | 2.50"  |              |
| SCR4-381    | #12  | 24            | .50"   |              |
| SCR4-387    | #12  | 24            | .75"   |              |
| SCR4-392    | #12  | 24            | 1.00"  |              |
| SCR4-505    | .25" | 20            | .50"   |              |
| SCR4-510    | .25" | 20            | .75"   |              |

| Part Number | Size | Threads/ Inch | Length | Package Qty. |
|-------------|------|---------------|--------|--------------|
| SCR4-516    | .25" | 20            | 1.00"  |              |
| SCR4-63     | .31" | 18            | .50"   |              |
| SCR4-635    | .31" | 18            | .75"   |              |
| SCR4-640    | .31" | 18            | 1.00"  |              |
| SCR4-765    | .38" | 16            | 1.00"  |              |
| SCR4-766    | .38" | 16            | 1.50"  |              |
|             |      |               |        |              |
|             |      |               |        |              |
|             |      |               |        |              |

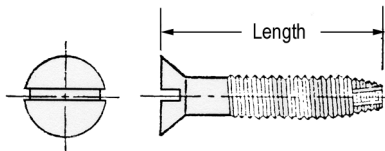
**14.8.5: THREAD CUTTING TYPE F FLAT HEAD TX STYLE SCREW (SCR5)**



| Part Number | Size | Thread/Inch | Length | Package Qty. |
|-------------|------|-------------|--------|--------------|
| SCR5-516    | .25" | 20          | 1.00"  | 50           |
| SCR5-521    | .25" | 20          | 1.25"  | 50           |
| SCR5-527    | .25" | 20          | 1.50"  | 50           |
| SCR5-528    | .25" | 28          | 1.50"  | 50           |
| SCR5-538    | .25" | 20          | 2.00"  | 50           |
| SCR5-543    | .25" | 20          | 2.25"  | 50           |
| SCR5-549A   | .25" | 20          | 2.50"  | 50           |
| SCR5-549B   | .25" | 20          | 2.50"  | 1000         |
| SCR5-56     | .25" | 20          | 3.00"  | -----        |
| SCR5-56A    | .25" | 20          | 3.00"  | 25           |
| SCR5-57     | .25" | 14          | 3.50"  | -----        |
| SCR5-581    | .25" | 20          | 4.00"  | 25           |

| Part Number | Size | Thread/Inch | Length | Package Qty. |
|-------------|------|-------------|--------|--------------|
| SCR5-602    | .25" | 20          | 5.00"  | 25           |
| SCR5-624    | .25" | 20          | 6.00"  | 25           |
| SCR5-635    | .31" | 18          | .75"   | -----        |
| SCR5-646    | .31" | 18          | 1.25"  | 50           |
| SCR5-651    | .31" | 18          | 1.50"  | 50           |
| SCR5-662    | .31" | 18          | 2.00"  | 50           |
| SCR5-668    | .31" | 18          | 2.25"  | -----        |
| SCR5-673    | .31" | 18          | 2.25"  | 50           |
| SCR5-684    | .31" | 18          | 3.00"  | 25           |
| SCR5-695    | .31" | 18          | 3.50"  | -----        |
| SCR5-716    | .31" | 18          | 4.50"  | -----        |

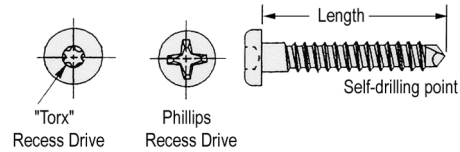
**14.8.6: THREAD CUTTING TYPE F FLAT HEAD SLOTTED SCREW (SCR8)**



| Part Number | Size | Threads/Inch | Length | Package Qty. |
|-------------|------|--------------|--------|--------------|
| SCR8-528    | .25" | 28           | 1.50"  |              |
| SCR8-668    | .31" | 18           | 2.25"  |              |

| Part Number | Size | Threads/Inch | Length | Package Qty. |
|-------------|------|--------------|--------|--------------|
|             |      |              |        |              |
|             |      |              |        |              |

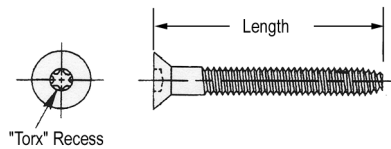
### 14.8.7: SELF DRILL/TAPPING TYPE AB THREAD FORMING PAN HEAD SCREW (SCR10)



| Part Number | Size | Threads/<br>Inch | Length | Package<br>Qty. |
|-------------|------|------------------|--------|-----------------|
| SCR10-267   | #10  | 16               | 1.00"  |                 |
| SCR10-386   | #12  | 14               | .75"   |                 |
| SCR10-391   | #12  | 14               | 1.00"  |                 |
| SCR10-515   | .25" | 14               | 1.00"  |                 |

| Part Number | Size | Threads/<br>Inch | Length | Package<br>Qty. |
|-------------|------|------------------|--------|-----------------|
| SCR10-518   | .25" | 14               | 1.12"  |                 |
| SCR10-537   | .25" | 14               | 2.00"  |                 |
|             |      |                  |        |                 |
|             |      |                  |        |                 |

### 14.8.8: THREAD FORMING FLAT HEAD TX STYLE SCREW (SCR11)

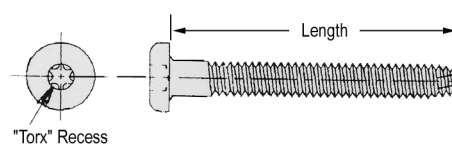


| Part Number | Size | Threads/<br>Inch | Length | Package<br>Qty. |
|-------------|------|------------------|--------|-----------------|
| SCR11-14500 | .25" | 14               | 5.00"  |                 |
| SCR11-515   | .25" | 14               | 1.00"  |                 |
| SCR11-516   | .25" | 20               | 1.00"  |                 |
| SCR11-520   | .25" | 14               | 1.25"  |                 |
| SCR11-521   | .25" | 20               | 1.25"  |                 |
| SCR11-526   | .25" | 14               | 1.50"  |                 |
| SCR11-527   | .25" | 20               | 1.50"  |                 |
| SCR11-531   | .25" | 14               | .75"   |                 |
| SCR11-532   | .25" | 20               | 1.75"  |                 |
| SCR11-537   | .25" | 14               | 2.00"  |                 |
| SCR11-538   | .25" | 20               | 2.00"  |                 |
| SCR11-548   | .25" | 14               | 2.50"  |                 |
| SCR11-549   | .25" | 20               | 2.50"  |                 |
| SCR11-559   | .25" | 14               | 3.00"  |                 |
| SCR11-56    | .25" | 20               | 3.00"  |                 |
| SCR11-56A   | .25" | ----             | 5.00"  |                 |
| SCR11-580   | .25" | 14               | 4.00"  | 50              |

| Part Number | Size | Threads/<br>Inch | Length | Package<br>Qty. |
|-------------|------|------------------|--------|-----------------|
| SCR11-602   | .25" | 20               | 5.00"  |                 |
| SCR11-642   | .31" | 12               | 1.12"  |                 |
| SCR11-657   | .31" | 18               | 1.75"  |                 |
| SCR11-661   | .31" | 12               | 2.00"  |                 |
| SCR11-662   | .31" | 18               | 2.00"  |                 |
| SCR11-665   | .31" | 18               | 2.12"  |                 |
| SCR11-668   | .31" | 18               | 2.25"  |                 |
| SCR11-672   | .31" | 12               | 2.50"  |                 |
| SCR11-673   | .31" | 18               | 2.50"  |                 |
| SCR11-683   | .31" | 12               | 3.00"  |                 |
| SCR11-684   | .31" | 18               | 3.00"  |                 |
| SCR11-695   | .31" | 18               | 3.50"  |                 |
| SCR11-77    | .38" | 12               | 1.25"  |                 |
|             |      |                  |        |                 |
|             |      |                  |        |                 |
|             |      |                  |        |                 |
|             |      |                  |        |                 |

## 14.9 Miscellaneous Screws

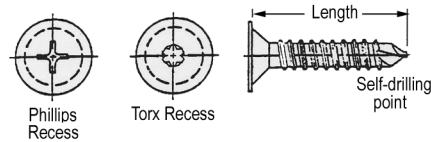
### 14.9.1: THREAD CUTTING PAN HEAD TX STYLE SCREW (SCR6)



| Part Number | Size | Thread/<br>Inch | Length | Package<br>Qty. |
|-------------|------|-----------------|--------|-----------------|
| SCR6-261    | #10  | 16              | .75"   |                 |
| SCR6-51     | .25" | 14              | .75"   |                 |
| SCR6-515    | .25" | 14              | 1.00"  |                 |
| SCR6-526    | .25" | 14              | 1.50"  |                 |
| SCR6-537    | .25" | 14              | 2.00"  |                 |
| SCR6-538    | .25" | 20              | 2.00"  | 2000            |
| SCR6-538A   | .25" | 20              | 2.00"  |                 |
| SCR6-548    | .25" | 14              | 2.50"  |                 |
| SCR6-549    | .25" | 20              | 2.50"  | 1800            |
| SCR6-559    | .25" | 14              | 3.00"  |                 |

| Part Number | Size | Thread/<br>Inch | Length | Package<br>Qty. |
|-------------|------|-----------------|--------|-----------------|
| SCR6-649    | .31" | 18              | 1.38"  |                 |
| SCR6-661    | .31" | 12              | 2.00"  |                 |
| SCR6-662    | .31" | 18              | 2.00"  |                 |
| SCR6-695    | .31" | 18              | 3.50"  |                 |
| SCR6-716    | .31" | 18              | 4.50"  |                 |
|             |      |                 |        |                 |
|             |      |                 |        |                 |
|             |      |                 |        |                 |
|             |      |                 |        |                 |

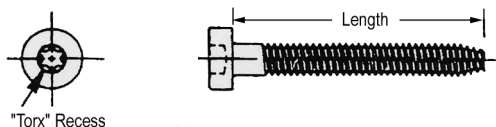
### 14.9.2: TEKS THREAD FORMING FLAT WASHER SCREW (SCR7)



| Part Number | Size | Threads/<br>Inch | Length | Package<br>Qty. |
|-------------|------|------------------|--------|-----------------|
| SCR7-153    | #8   | 18               | 1.50"  |                 |
| SCR7-160    | #8   | 36               | 1.75"  |                 |
| SCR7-262    | #10  | 24               | .75"   |                 |
| SCR7-267    | #10  | 16               | 1.50"  |                 |

| Part Number | Size | Threads/<br>Inch | Length | Package<br>Qty. |
|-------------|------|------------------|--------|-----------------|
| SCR7-278    | #10  | 16               | 1.50"  |                 |
|             |      |                  |        |                 |
|             |      |                  |        |                 |
|             |      |                  |        |                 |

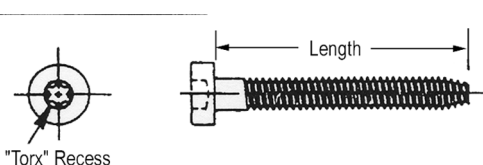
### 14.9.3: HARDENED THREAD FORMING PAN HEAD TX STYLE SCREW (SCR12)



| Part Number | Size | Threads/<br>Inch | Length | Special<br>Notes |
|-------------|------|------------------|--------|------------------|
| SCR12-643   | .31" | 18               | 1.12"  |                  |
| SCR12-662A  | .31" | 18               | 2.00"  |                  |

| Part Number | Size | Threads/<br>Inch | Length | Special<br>Notes |
|-------------|------|------------------|--------|------------------|
|             |      |                  |        |                  |
|             |      |                  |        |                  |

### 14.9.4: THREAD FORMING PAN HEAD TX STYLE SCREW (SCR15)



| Part Number | Size | Threads/<br>Inch | Length | Special<br>Notes |
|-------------|------|------------------|--------|------------------|
| SCR15-657   | .31" | 18               | 1.75"  |                  |
|             |      |                  |        |                  |

| Part Number | Size | Threads/<br>Inch | Length | Special<br>Notes |
|-------------|------|------------------|--------|------------------|
|             |      |                  |        |                  |
|             |      |                  |        |                  |

### 14.9.5: HEXAGON SOCKET SET SCREW (SCRW7)

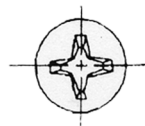


| Part Number | Size | Hex Socket<br>Size | Point Type |
|-------------|------|--------------------|------------|
| SCW7-1      | #8   | .078"              | Cup Point  |
| SCW7-2      | #10  | .094"              | Cup Point  |
| SCW7-3      | .25" | .12"               | Cup Point  |
| SCW7-4      | .31" | .156"              | Cup Point  |
| SCW7-5      | .38" | .18"               | Cup Point  |

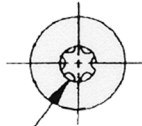
| Part Number | Size            | Hex Socket<br>Size | Point Type     |
|-------------|-----------------|--------------------|----------------|
| SCW7-6      | .38"-16 x 1.25" |                    | Full Dog Point |
|             |                 |                    |                |
|             |                 |                    |                |
|             |                 |                    |                |

## 14.10 Machine Screws

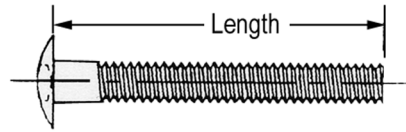
### 14.10.1: MACHINE SCREWS (SCW3)



Phillips Head



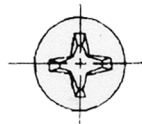
"Torx" Recess



| Part Number | Size | Threads/Inch | Length | Head Type |
|-------------|------|--------------|--------|-----------|
| SCW3-10     | #6   | 32           | .38"   |           |
| SCW3-1001   | #6   | 32           | .50"   |           |
| SCW3-1007   | #6   | 32           | .75"   |           |
| SCW3-132    | #8   | 32           | .50"   |           |
| SCW3-134    | #8   | 18           | .62"   |           |
| SCW3-138    | #8   | 32           | .75"   |           |
| SCW3-253    | #10  | 16           | .38"   |           |
| SCW3-257    | #10  | 24           | .50"   |           |
| SCW3-258    | #10  | 32           | .50"   |           |
| SCW3-262    | #10  | 24           | .75"   |           |

| Part Number | Size | Threads/Inch | Length | Head Type |
|-------------|------|--------------|--------|-----------|
| SCW3-263    | #10  | 32           | .75"   |           |
| SCW3-268    | #10  | 24           | 1.00"  |           |
| SCW3-279    | #10  | 24           | 1.50"  |           |
| SCW3-28     | #10  | 32           | 1.50"  |           |
| SCW3-282    | #10  | 32           | 1.62"  | Phillips  |
| SCW3-381    | #12  | 24           | .50"   |           |
| SCW3-387    | #12  | 24           | .75"   |           |
| SCW3-391    | #12  | 14           | 1.00"  |           |
| SCW3-781    | .38" | 16           | 1.75"  | TX Style  |

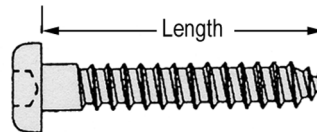
### 14.10.2: PAN HEAD MACHINE SCREWS (SCW4)



Phillips Head



"Torx" Recess



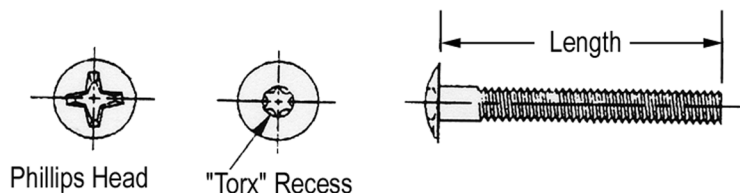
| Part Number | Size | Threads/Inch | Length | Head Type |
|-------------|------|--------------|--------|-----------|
| SCW4-1      | #6   | 20           | .38"   |           |
| SCW4-10     | #6   | 32           | .38"   |           |
| SCW4-1000   | #6   | 20           | .50"   |           |
| SCW4-1001   | #6   | 32           | .50"   |           |
| SCW4-1006   | #6   | 20           | .75"   |           |
| SCW4-1007   | #6   | 32           | .75"   |           |
| SCW4-1011   | #6   | 20           | 1.00"  |           |
| SCW4-108    | #6   | 20           | 4.12"  |           |
| SCW4-111    | #6   | 40           | 5.25"  |           |
| SCW4-115    | #6   | 20           | 5.50"  |           |
| SCW4-119    | #6   | 32           | 5.62"  |           |
| SCW4-122    | #6   | 40           | 5.75"  |           |
| SWC4-129    | #8   | 18           | .38"   |           |

| Part Number | Size | Threads/Inch | Length | Head Type |
|-------------|------|--------------|--------|-----------|
| SCW4-131    | #8   | 18           | .50"   |           |
| SCW4-132    | #8   | 32           | .50"   |           |
| SCW4-137    | #8   | 18           | .75"   |           |
| SCW4-138    | #8   | 32           | .75"   |           |
| SCW4-142    | #8   | 18           | 1.00"  |           |
| SCW4-143    | #8   | 32           | 1.00"  |           |
| SCW4-253    | #10  | 16           | .38"   |           |
| SCW4-255    | #10  | 32           | .38"   |           |
| SCW4-256    | #10  | 16           | .50"   |           |
| SCW4-257    | #10  | 24           | .50"   |           |
| SCW4-258    | #10  | 32           | .50"   |           |
| SCW4-261    | #10  | 16           | .75"   |           |
| SCW4-262    | #10  | 24           | .75"   |           |

| Part Number | Size | Threads/Inch | Length | Head Type |
|-------------|------|--------------|--------|-----------|
| SCW4-263    | #10  | 32           | .75"   |           |
| SCW4-267    | #10  | 16           | 1.00"  |           |
| SCW4-268    | #10  | 24           | 1.00"  |           |
| SCW4-269    | #10  | 32           | 1.00"  |           |
| SCW4-272    | #10  | 16           | 1.25"  |           |
| SCW4-278    | #10  | 16           | 1.50"  |           |
| SCW4-279    | #10  | 24           | 1.50"  |           |
| SCW4-28     | #10  | 32           | 1.50"  |           |
| SCW4-380    | #12  | 14           | .50"   |           |
| SCW4-381    | #12  | 24           | .50"   |           |
| SCW4-386    | #12  | 14           | .75"   |           |
| SCW4-387    | #12  | 24           | .75"   |           |
| SCW4-391    | #12  | 14           | 1.00"  |           |
| SCW4-397    | #12  | 14           | 1.25"  |           |

| Part Number | Size | Threads/Inch | Length | Head Type |
|-------------|------|--------------|--------|-----------|
| SCW4-398    | #12  | 24           | 1.25"  |           |
| SCW4-401    | #12  | 14           | 1.50"  |           |
| SCW4-504    | .25" | 14           | .50"   |           |
| SCW4-505    | .25" | 20           | .50"   |           |
| SCW4-51     | .25" | 14           | .75"   |           |
| SCW4-515    | .25" | 14           | .75"   |           |
| SCW4-516    | .25" | 20           | 1.00"  |           |
| SCW4-524    | .25" | 20           | 1.38"  |           |
| SCW4-549    | .25" | 20           | 2.50"  |           |
| SCW4-580    | .25" | 14           | 4.00"  |           |
| SCW4-657    | .31" | 18           | 1.75"  |           |
| SCW4-662    | .31" | 18           | 2.00"  |           |
| SCW4-754    | .38" | 16           | .50"   |           |
| SCW4-93     | .50" | 20           | 1.25"  |           |

### 14.10.3: TRUSS HEAD MACHINE SCREWS (SCW5)



| Part Number | Size | Threads/Inch | Length | Recess   |
|-------------|------|--------------|--------|----------|
| SCW5-267    | #10  | 16           | 1.00"  |          |
| SCW5-268    | #10  | 24           | 1.00"  |          |
| SCW5-401    | #12  | 14           | 1.50"  |          |
| SCW5-510    | .25" | 20           | .75"   |          |
| SCW5-513    | .25" | 20           | .88"   | Phillips |
| SCW5-516    | .25" | 20           | 1.00"  | TX Style |

| Part Number | Size | Threads/Inch | Length | Recess   |
|-------------|------|--------------|--------|----------|
| SCW5-521    | .25" | 20           | 1.50"  |          |
| SCW5-639B   | .31" | 18X          | .94"   | TX Style |
| SCW5-765    | .38" | 16           | 1.88"  | TX Style |
|             |      |              |        |          |
|             |      |              |        |          |
|             |      |              |        |          |

