

A

Anchors—Application & Drilling Information A-45, A-46

B**Bolts**

ASTM and SAE Specifications, Proof Loads & Tensile Strengths.....	A-14
Carriage.....	A-19
Elevator.....	A-18
Heavy Hex.....	A-16
Plow.....	A-18
Square Head.....	A-17
Step.....	A-18
Structural-Grip Ranges	A-15

C

Cotter Pins A-30

D

Dowel Pins A-32
Drive Screws—Type U A-30

H

Heat-Treated Alloy Studs, Bolts & Threaded Bars A-4
Hex Head Cap Screws A-16
High-Strength Dimensional Data—Bolts, Nuts & Washers A-5
Hole Guide A-48

L

Lag Screws A-17
Length Tolerances for Screws A-20

M**Machine Screws**

Binding Head	A-21
Fillister Head	A-22
Flat Head	A-23
Flat Head Undercut	A-24
Oval Head	A-25
Pan Head	A-26
Round Head	A-27
Truss Head	A-28

Mechanical Requirements—Bolts, Screws, SEMS, Studs, & U-Bolts A-3

Metric

Bolts, Hex Head	A-39
Cap Screws, Hex Head	A-39
Conversion Guide	A-35
Machine Screws, Flat Head	A-40
Machine Screws, Oval Head	A-41
Machine Screws, Pan Head	A-42
Nuts, Hex	A-36

Metric (Continued)

Nuts, Jam	A-36
Socket Screws, Button Head	A-44
Socket Screws, Flat Head	A-43
Socket Screws, Socket Head Cap	A-43
Socket Set Screws	A-44
Tap Drill Guide	A-50
Thread and Din Information	A-34
Washers, External Tooth Lock	A-38
Washers, Flat	A-37
Washers, Internal Tooth Lock	A-38
Washers, Split Lock	A-37

N**Nuts**

Hex Nut Markings and Properties	A-7
Machine Screw-Hex & Square	A-8
Square, Regular	A-8
Finished Hex	A-9
Heavy Hex	A-9
Jam	A-10
"K" Lock	A-11

S

Self-Drilling Screws A-26
Shoulder Screws A-33

Socket Screws

Button Head	A-31
Flat Head	A-32
Shoulder	A-33
Socket Head Cap	A-31
Socket Set	A-33

Stainless Steel Specifications A-47
Studs, Threaded A-6

T

Tap Drill Guide A-49
Tapping Screws

Flat Head	A-23
Oval Head	A-25
Pan Head	A-26

Thumb Screws A-29

Tightening Torque—Bolts, Nuts & Screws A-2

W**Washers**

External Tooth Lock	A-13
Internal Tooth Lock	A-13
Internal/External Tooth Lock	A-13
SAE Flat	A-11
Split Lock	A-12
USS Flat	A-11

Wood Screws

Flat head	A-23
Oval Head	A-25
Round Head	A-27