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ABBREVIATION LIST

Abbreviation	Definition
8.8	Metric bolt tensile strength (generally 116,000 psi)
10.9	Metric bolt tensile strength (generally 150,000 psi)
12.9	Metric bolt tensile strength (generally 175,000 psi)
304	Stainless Steel (A2)
316	Stainless Steel (A4)
#3 or #7	Refers to head design of a plow bolt
(#)O	Ot (Wire Size)
(#)A	Amp
(#)P	Plug (electrical connectors)
1/2 INS	1/2-Insulated (terminals)
18-8	Stainless Steel with 18% Chrome and 8% Nickel
2, 5 or 8	Strength grade of a screw or nut
2A (3A)	Class of thread fit for inch screws
2B (3B)	Class of thread fit for inch nuts
2H	Nut strength level designation (ASTM A194 Grade 2H Heavy Hex Nut)
6G	Class of thread fit for metric screws
6H	Class of thread fit for metric nuts
A/B	Air Brake
A325	Heavy hex structural bolt (ASTM A325), similar to Grade 5
A490	Heavy hex structural bolt (ASTM A490), similar to Grade 8
A574	Strength grade for socket head cap screws (ASTM A574)
ADPT	Adapter
AISI	American Iron and Steel Institute, specifies chemical composition of steels
ALM	Aluminum
AMB	Amber
AN	Precedes a dimensional specification for aircraft fasteners developed by the Aeronautical Standards Group.
ANSI	American National Standards Institute
AS	Alloy steel
ASME	American Society of Mechanical Engineers
ASST	Assortment
ASTM	Used before a standard number developed by the American Society for Testing and Materials group
AWG	American Wire Gauge
B	When followed by a number (ex: B-90), indicates hardness measured on the Rockwell B Scale.
Bake (Bake-Out)	Heat treat process used in plating to prevent Hydrogen embrittlement
BATT	Battery
Belleville	Style of lock washer, also called conical spring washer
Bevel	Style of washer (square with a taper) used with I beams
BHN	Hardness measured with a Brinell Hardness Tester
BLK	Black
BO	Black oxide
BR	Brass
BRK	Breaker
BS	British Standard
BSF	British Standard Fine
BSW	British Standard Whitworth
BT	Bolt (on drawings)
BUT HD	Button head
BZ	Brazed (terminals)
C	When followed by a number (ex: C-35), indicates hardness measured on the Rockwell C Scale.

Abbreviation	Definition
C/R	Cross recess drive (typically Phillips style), Also Chamfer/Radius
Cad	Cadmium plating
CAD	Computer Aided Design / Drafting
Cad/Wax	Cadmium plating with a topcoat of wax
CARR	Carriage (bolt)
CH	Case hardened (type of heat treatment)
CHR	Chrome
CL	Class (Metric material/Strength specification)
CNTRSUNK	Countersunk
COM	Composite
COMP	Compression
COMPRESS	Compression
CONN	Connector
COO	Country of Origin
CRES	Corrosion resistant steel (usually refer to 18-8 or 316 stainless steel)
CS (cs)	Carbon or Steel, Also Countersunk
CSS	Counter sunk screw (flat or oval head)
CT	Course Thread
CTRL	Control
CYL	Cylinder
D/C Nut	Double chambered nut (distinguished from washer faced)
DAC (Dac 320)	Dacromet coating (registered trademark of Coatings International)
DBL	Double
DF	Drop forged
DIN	An abbreviation for Deutsches für Normung, the German standards body. In reference to fasteners, DIN indicates fasteners that conform to a specific metric standard (will be followed by the standard number).
DOT	Department of Transportation
DR	Drive
Driseal	Pipe Thread (registered trademark of Parker Hannifin)
DW	Double wall (heat shrink tubing)
ET	External thread
EXT	External or Extension
F/B	Female branch
F/C	Female connector
F436	Hardened flat washer with dimensions per ASTM F436
FB	Flange Bolt
FEM	Female
F-I	Fully-Insulated (terminals)
FIL	Fillister
FIM	Full indicator measurement
FIN	Finishing (washer)
FITT	Fitting
FLT	Flat (washer or screw head)
FNDR	Fender (washer)
FT	Fine thread or Fully threaded
ft	Foot
FULL INS	Fully-Insulated (terminals)
FW	Flat washer
G	Grade
GA	Gauge
gal	Gallon
GAL	Galvanized
GALV	Galvanized

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GLD	Gold
GR	Grade, refers to strength level of screw or nut (ex: Grade 2, Grade 5, Grade 8, Grade C) or Grit when applying to abrasives
H.D.G.	Hot dip galvanized
H.T.	Heat treated
H/B	Hose Barb
H/S	Heat shrink (terminals)
HB	Hex bolt, Also hardness reading measured on the Brinell Scale
HD	Head
HD	Heavy Duty
HHCS	Hex head cap screw
HHMB	Hex head machine bolt
HRB	Hardness measured on the Rockwell B scale
HRC	Hardness measured on the Rockwell C scale
HS	Heat shrink (terminals)
HSS	High speed steel
HT	High temperature
HWH	Hex washer head
HX	Hex
HYD	Hydraulic
ID	Identification (usually refers to manufacturer logo)
IFI	Industrial Fastener Institute
IH	Indented head
IMP	Impact
in	Inch
INS	Insulated
INT	Internal
INV	Inverted
ISIR	Initial Sample Inspection Report
ISO	International Standards Organization
IT	Internal thread
J429	SAE standard that specifies strength levels of screws
J995	SAE standard that specifies strength levels of nuts
JIS	Japanese Industrial Standard
Keps	Nut with a permanently attached washer
KNL	Knurled
KSI	Thousands of pounds per square inch
L/A	Long arm
L/W	Lightweight
L9	Grade, refers to strength level of screw or nut (Grade 9)
Lb	Body length on screws
lb	Weight in pounds
LCS	Low carbon steel
LD	Light duty
LE	Lake Erie
LH	Left hand or left hand thread
LOW PRO	Low profile
LRG	Large
LW	Lock washer
M/B	Male branch
M/C	Male connector
M/F	Male/Female
M/P	Metri-Pack
M/R	Male run
M/S	Machine screw

Abbreviation	Definition
MB	Machine bolt
MC2	Mil-Carb (MC [®] squared)
MED	Medium
MET	Metric
Mfg	Manufacturer
mL	Milliliter
MM	Millimeter
MONO	Monobolt
MSNT	Machine screw nut
MT	Mount
MUSH	Mushroom
NAT	Natural
NC	Unified National Course Thread
NE (NU, NTE, NTU)	Designations that define the thickness of nylon insert lock nuts
NEG	Negative
NF	Unified National Fine Thread
N-I	Non-Insulated
NIC	Nickel
Nom	Nominal (reference dimension)
NON-INS	Non-Insulated
NPT	National Tapered Pipe Thread
NT	Nut
NY	Nylon
OH	Oval head
oz	Ounce
P	Thread pitch
P/B	Plow bolt
P/N	Part number
pc	Piece
PF	Plain finish
PHIL	Phillips
Phos (P & O)	Phosphate and oil coating (typically Zinc Phosphate and Oil)
PK	Pack
PLAST	Plastic
POS	Positive
Pozi Drive	Special cross recess (registered trademark of Camcar Textron)
PPAP	Production part approval process
PSI	Pounds per square inch
PT	Partial thread
pt	Pint
PT	Point
PZ	Pozi-drive style of cross recess
Q/D	Quick disconnect or Quick slide (terminals)
qt	Quart
R	Radius
Rb (RB or HRB)	Hardness measured on the Rockwell B Scale
Rc (RC or HRC)	Hardness measured on the Rockwell C Scale
RD	Round
RECT	Rectangular
RESIST.	Resistant
RETAIN	Retaining
RH	Round head, or Right hand thread
RT	Rolled threads

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Abbreviation	Definition
S&D	Silver & Deming
SAE	Standard American Equivalent - Uses inches as unit of measure, as opposed to metric. Also: SAE Pattern (washers). These washers have a smaller inside diameter than USS pattern washers. Also: Society of Automotive Engineers Also: When used with washers, it means "small OD." Also: When used with screws or nuts, it means "fine thread."
SBR	Silicon bronze
SCR	Screw
SEMS	A type of pre-made screw and washer assembly
SERR	Serrated
SF	Short fill
SHCS	Socket head cap screw
SKT	Socket
SLT	Slotted
SM	Small
SMS	Sheet metal screw
SQ	Square
SS	Stainless Steel
STA	Stainless Steel
STAIN	Stainless Steel
STL	Steel
STR	Straight or Stranded (wire)
SWL	Swivel
T.H.	Through hardened (type of heat treatment)
T/S	Tapping screw
Taptite	Special triangular thread forming screw (registered trademark of Reminc)
TERM	Terminal
THRD	Thread
TIR	Total Indicator Reading
Torx	6 lobe drive (Torx Drive, registered trademark of Camcar Textron)
TPI	Threads per inch
TT (TR)	Taptite thread (registered trademark of Reminc), also called Tri-Roundular
TTH	Threaded to head
Type 1 (23, 25)	Special thread forming or cutting tapping screws
Type AB (F, T)	Special thread forming or cutting tapping screws
UNC	Unified National Coarse Thread
UNF	Unified National Fine Thread
UNIV	Universal
UNR	Unified National Thread with radius root
UNRC	Unified National Coarse Thread with Radius Root (standard rolled thread form)
UNRF	Unified National Fine Thread with Radius Root (standard rolled thread form)
UNV	Universal
USS	USS Pattern (washers). These washers have a larger outside diameter than SAE pattern washers. Also used to indicate US course thread.
UTS	Ultimate tensile strength
V	Volt

Abbreviation	Definition
W	Watt or Wire
W/F	Washer faced (can refer to a nut or a cap screw)
W/P	Weather Pack
WAC	Width across corners
WAF	Width across flats
WASH	Washer
Whitworth	British Thread Standard (not the same as UN threads)
WHL	Wheel
WS	Wood screw
XL	Extra Large
YS	Yield Strength
YZ	Yellow chromate
Z	Zinc
Zn	Zinc, usually referencing zinc plating (assumed to be clear zinc with clear chromate)
Zn Phos	Zinc phosphate and Oil (same as Phos and Oil)
Zn/C (ZC)	Zinc plating with clear chromate topcoat
Zn/Wax	Zinc plating with a topcoat of wax
Zn/Y (ZY)	Zinc plating with yellow chromate topcoat

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