



Common Specifications Types & Styles

MIL-S-1222 / MIL-DTL-1222

Studs

Type I - Full Body
 Type II - Reduced
 Type III - Constant Strength Body

Style	Stud End Thread	Nut End Thread
A	CLASS 5	CLASS 3A
B	CLASS 5	CLASS 2A
C	CLASS 3A	CLASS 3A
D	CLASS 3A	CLASS 2A

Type IV - Continuous Thread

Bolts

Type II - Heavy Hex
 Type III - Heavy Hex Structural

Screws

Type I - Hex Cap (Finished Hex Bolt)
 Type II - Hex Socket Cap

Nuts

Type I - Hex
 Type II - Hex Jam
 Type III - Heavy Hex
 Type IV - Heavy Hex Jam
 Type V - Hex Slotted
 Style A - Washer Faced
 Style B - Double Chamfered

FF-W-84 / ASME B18.21.1 (Lock Washers)

Class A

Carbon Steel

Style 1 - Light
 Style 2 - Regular
 Style 3 - Heavy
 Style 4 - Extra Duty
 Style 5 - Hi-Collar

Class B

Corrosion Resistant Steel Magnetic

Style 1 - Light
 Style 2 - Regular
 Style 3 - Heavy

Class C

Corrosion Resistant Steel Non Magnetic

Style 1 - Light
 Style 2 - Regular
 Style 5 - Hi-Collar

Class D

Aluminum-Zinc Alloy

Style 1 - Medium

Class E

Phosphorous Bronze or Tin Brass

Style 1 - Light
 Style 2 - Regular

Class G

Nickel-Copper Aluminum

Alloy (K-Monel)
 Style 1 - Light
 Style 2 - Regular

FF-S-85 (Hex Caps)

Type I - Slotted Head

Style 1S - Round Head
 Style 2S - Flat Countersunk Head 82"
 Style 4S - Fillister Head

Type II - Plain Head

Style 10P - Hexagon Head



Office (251) 473.2116
 Fax (251) 450.5074



267 Bay Shore Ave.
 Mobile, AL 36607



GulfFastener.com



Certifications

ISO9001:2015
 AS9100D:2016
 AS9120B:2016

OUR WYN-WYN PHILOSOPHY
WHO YOU NEED -
WHEN YOU NEED US.



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FF-S-86 (Socket Head Cap Screws)

- Type 1* - Hexagon Socket, Cylindrical Head (1936 Series)
- Type III* - Internal Multiple Spine Socket, Cylindrical Head (1936 Series)
- Type IV - Hexagon, Socket, Flat Countersunk, 82" Included Angle
- Type V - Internal Multiple Spine Socket Flat Countersunk Head 82" Included Angle
- Type VI - Hexagon Socket, Cylindrical Head (1960 Series)
- Type VII - Internal Multiple Spine Socket, Cylindrical Head (1960 Series)
- Type VIII - Hexagon Socket, Button Head
- Type IX - Internal Multiple Spine Socket, Button Head

*Do not use for new design

FF-S-92 (Machine Screws)

Type I - Slotted		Type II - Hexagon, Plain
Style 1S - Round Head	Style 6S - Oval Head 82"	Style 10P - Hexagon
Style 2S - Flat Head 82"	Style 7S - Truss Head	
Style 3S - Flat Head 100"	Style 8S - Binding Head	
Style 4S - Fillister Head	Style 9S - Pan Head	
Style 5S - Fillister Head Drilled	Style 10S - Hexagon Head	

Type III - Cross-Recessed, Recess Designs I and II (See Fig. 2)

Style 1C - Round Head	Style 6C - Oval Head, 82"
Style 2C - Flat Head, 82"	Style 7C - Truss Head
Style 3C - Flat Head, 100"	Style 8C - Binding Head
Style 4C - Fillister Head	Style 9C - Pan Head

Note: Use of cross-recessed design II is not recommended

FF-W-92 (Flat Washers)

Type	CLASS
A - Round Washer	A - Carbon Steel Washer
B - Square Washer	B - Corrosion Resisting Steel Washer
	C - Aluminum Alloy Washer
	D - Aluminum Alloy Washer
	E - Brass Washer
	F - Copper Washer
	G - Nickel-Copper Alloy Washer
	H - Plastic (Nylon) Washer

Grade	
I - General Assembly Purpose Washer	
II - Aeronautical Assembly Purpose Washer	

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