

	Mild Steel - Zinc Passivate					Stainless Steel					Saddle Bracket	Through Fiber glass
Type	Hex Head		Shoulder Bolt	Button Head	Cap Head	Hex Head	Shoulder Bolt	Cap Head	Button Head	Countersunk	Hex Head	Hex Head
Grade	8.8	10.9	12.9	10.9	12.9	A2/A4					8.8	A2/A4
	Torque [Nm]					Torque [Nm]					Torque [Nm]	Torque [Nm]
M6	10			6	8	8		8	6+	6+		
M8	25			20	20	19		19	17+	17+		
M10	48	70	70	35	40	38	30	35+	35+	35+	30	
M12	85			65		66		66				20
M14	95				90							
M16	200											
7/16" UNF	55				50							
1/2" UNF	105				100							
3/8" UNF	43				40							
5/16" UNF	23				20							

Notes

Saddle Bracket	30Nm maximum / until the lugs are parallel
M10 SS Button Head 35NM +	By hand, until allen key just starts stretching the flats in the head of the bolt
M10 Shoulder Bolt	70Nm maximum, stop if the head starts rounding or allen key snaps