

Bolt Grade					Minimum Tensile Strength (000 psi)																														
AN***	SAE*	British**	ARP****	Metric*	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310				
	2 > 3/4"					60																													
	2 to 3/4"						74																												
		P						70-90																											
		Q							80-100																										
		R or "45-55"								90-110																									
		S									100-120																								
		T										110-130																							
				8.8 to 16mm								116																							
				8.8 > 16mm									120																						
	5												120																						
All													125																						
		U												120-140																					
		V													130-150																				
		W														140-160																			
	8															150																			
				10.9													151																		
		X															150-170																		
		Y																160-180																	
				12.9															177																
			Titanium																	180															
			8740																		180-210														
			ARP 2000																				220												
			L19																									260							
			625 Plus																										260-280						
			ARP 325																										260-280						
			Aermet																														290-310		

Sources: \*Bolt Depot Inc. and \*\*Trojansf.co.uk/technical/fastener-grades and \*\*\*Skyshop and \*\*\*\*ARP web page. ARP bolt grades are registered trademarks of ARPor CRS Holdings Inc.