

GENERAL WHEEL WEIGHT HARDWARE SPECIFICATIONS

LOW SPEED AGRICULTURE AND CONSTRUCTION USE

Hardware supplied or recommended is for the application detailed. Torque values are advisory ONLY as torque is an indirect indication of tension and no two bolts always respond the same to a given torque. Due to real-world variances, perfect torque input can still allow for substantial deviations in pre-load. The estimated torque values here are derived from the formula Torque=KDF utilizing a non locking nut and a proof strength equal to or greater than the tensile strength of the bolt.

Incorrect installation, improper use, and over or under tightening of fasteners can each result in personal injury or equipment failure.

It is imperative that you check the torque and condition of your fasteners regularly. There is no method to entirely prevent loosening. Check after 3-5 hours of use following installation and thereafter check regularly, (monthly minimum).

If you experience any issues with regards to maintaining clamp force, bolt breakage or deformation, STOP USE and CONTACT US.

If you choose (though not recommended) to use a liquid thread locker, follow the torque specifications for Zinc-Dry (K=0.17) as your starting torque. If you have any questions or concerns please contact us. Some circumstances require upgraded hardware for optimal performance.

Size	Thread	Coating	Grade 5 J429	Grade 8 J429	A574 Cap Screw
			Torque Ft-Lb	Torque Ft-Lb	Torque Ft-Lb
5/8"	Coarse	Lubricated	113	159	179
		Zinc Plated-Dry	128	180	215
		Plain-Dry	150	212	238
3/4 "	Coarse	Lubricated	200	282	317
		Zinc Plated-Dry	230	320	381
		Plain-Dry	267	376	423
			Class 8.8	Class 10.9	
			Torque Ft-Lb	Torque Ft-Lb	
16mm	Coarse	Lubricated	121	173	
		Zinc Plated-Dry	137	196	
		Plain Dry	161	230	
20mm	Coarse	Lubricated	236	337	
		Zinc Plated-Dry	267	382	
		Plain Dry	314	449	
Electro-Zinc Plated or Lubricated All-Metal Prevailing Torque Nuts (Where Optional)					
			Grade 5 Equiv	Grade 8 Equiv	
			Torque Min- Max	Torque Min- Max	
5/8"			113-143	159-201	
3/4"			200-253	282-357	

Advisory Only. General Specifications. Use of this data is voluntary.