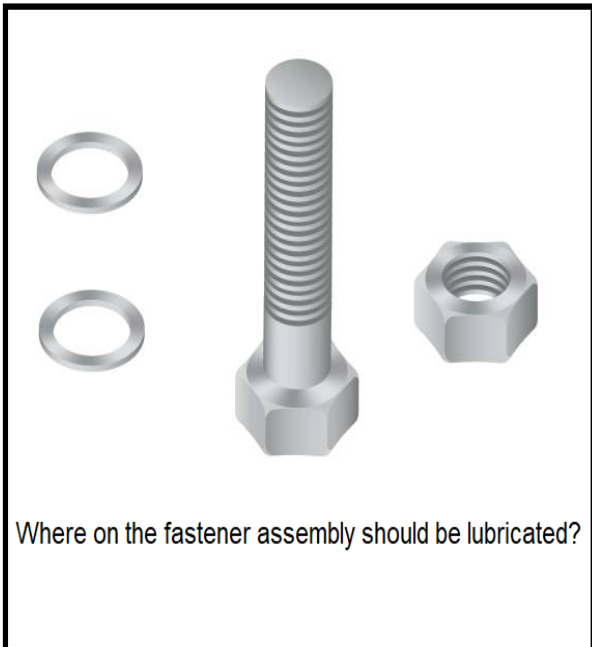


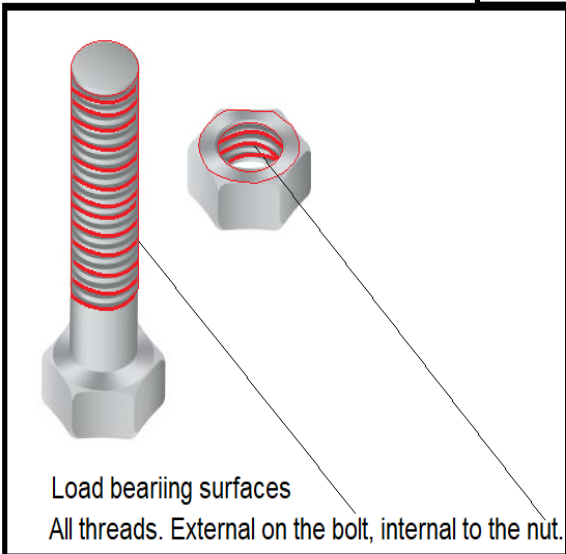
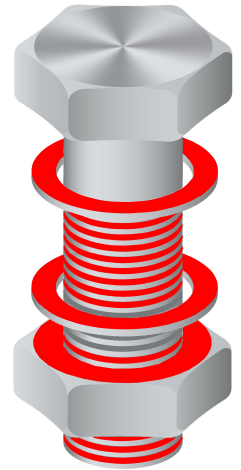


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& COMPANY LIMITED

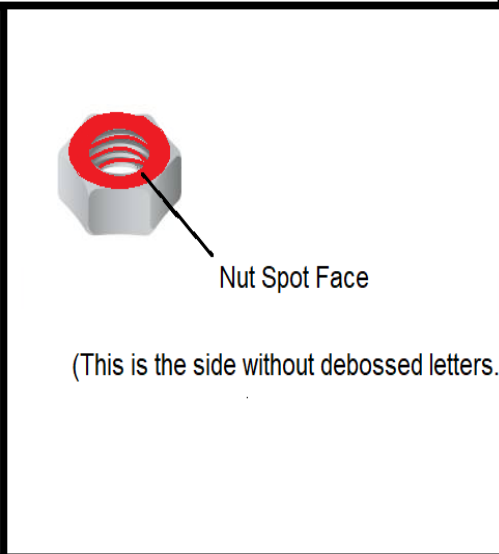
Tel: 0141 620 1666 Fax: 0141 620 1888
sales@williamjohnston.co.uk
www.williamjohnston.co.uk



Where on the fastener assembly should be lubricated?

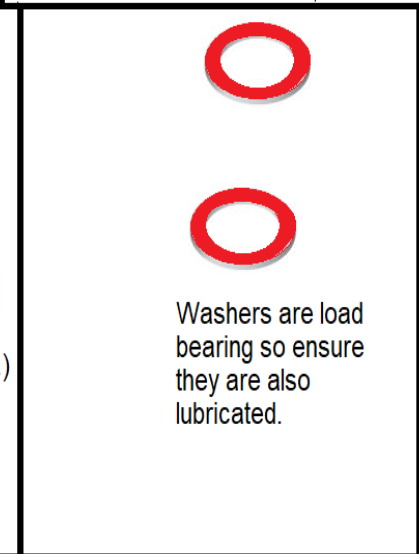


Load bearing surfaces
All threads. External on the bolt, internal to the nut.

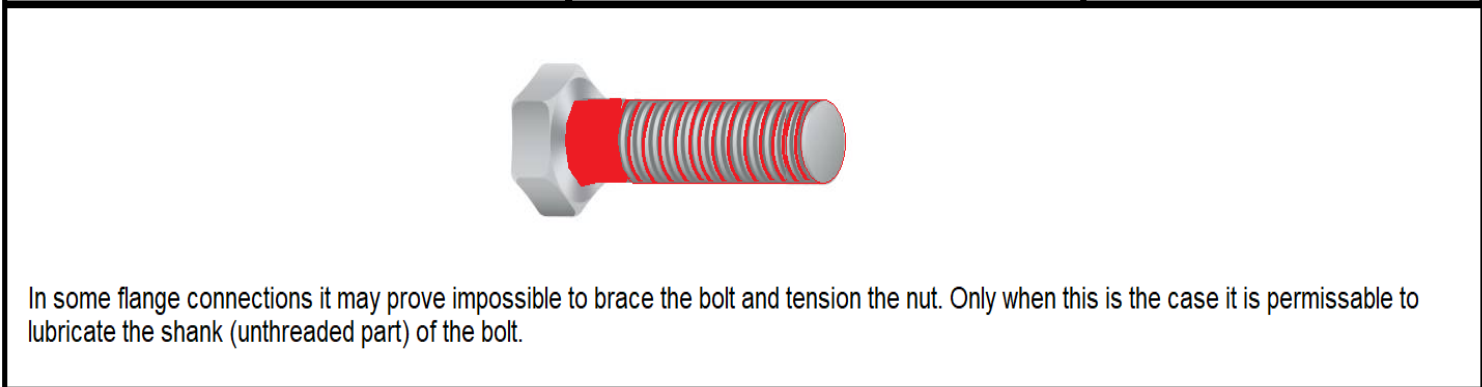


Nut Spot Face

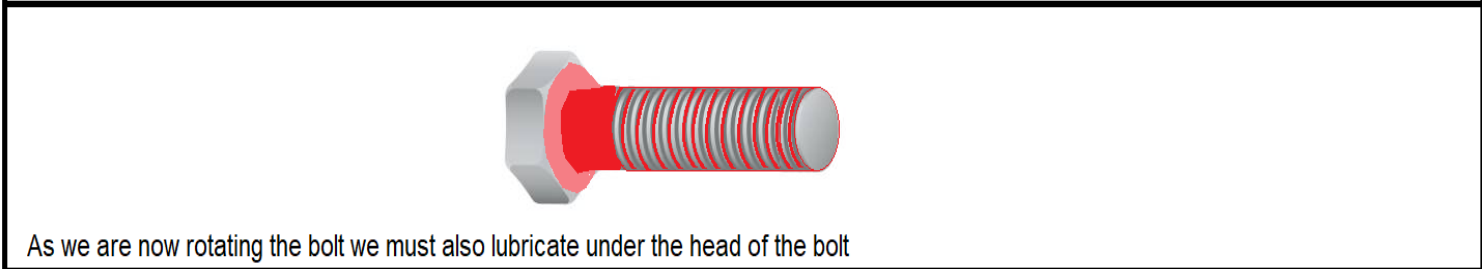
(This is the side without debossed letters.)



Washers are load bearing so ensure they are also lubricated.



In some flange connections it may prove impossible to brace the bolt and tension the nut. Only when this is the case it is permissible to lubricate the shank (unthreaded part) of the bolt.



As we are now rotating the bolt we must also lubricate under the head of the bolt

Application of HT1200 should be sufficient to cover all the areas indicated. This can be achieved with a small brush.

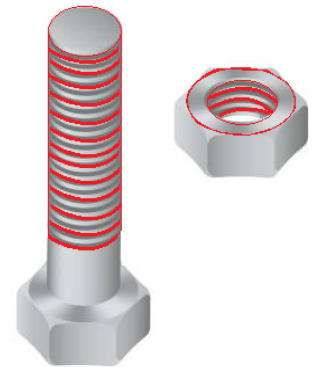


Failure to apply lubricant to the correct areas of the bolt assembly can see a loss in the amount of load converted from torque to tension.

50% loss in converted load through not lubricating the nut spot face.



20% loss in converted load through not lubricating the threads.



HT1200

WRAS APPROVAL

NSF APPROVED

⊕ No accidental contamination.

Ceramic particles are non-toxic to humans if ingested in amounts smaller than 10 parts per million.

⊕ Non-toxic

C.O.F 0.12.

⊕ Low slip Coefficient Of Friction

colour – white.

⊕ Identifiable application

does not dry out and so will aid disassembly.

⊕ Long lasting

Will not be squeezed out under high loads.

⊕ Non- extruding

Long term corrosion inhibitor.

⊕ Corrosion prevention

Isolator.

⊕ Does not promote corrosion

Polarization means that the negatively charge lubricant particles adheres to positively charged particles on a surface. This bond is much stronger than those offered by other lubricants.

⊕ Polarized

Prevents galling.

⊕ Galling of stainless fasteners

Disclaimer
Please note, failure to select the correct materials or products we supply (“the Products”) may result in damage to plant, equipment or property. In some instances, it may cause death or personal injury. We are not designers and do not give advice about design related matters concerning the Products. We can help and assist with the technical specifications for the Products. In specific applications, particularly where critical conditions exist, we will try to assist you within the limitations of the services that we offer. All information supplied by us is intended as technical co-operation outlining the specifications of the different Products which we supply. To the extent permitted in law, no warranty is given in respect of any information supplied by us. The customer must satisfy themselves as to the suitability of the Products for their intended application and use. The correct fitting of Products is the responsibility of the customer. Your statutory rights remain unaffected. Save in respect of death, personal injury or fraud, our entire liability to you, however arising from the supply of Products shall be limited to the £10M indemnity amount provided by our insurers.