



MAXBOLT™ KNOWLEDGE

The Maxbolt™ Knowledge has all the great qualities of the original Maxbolt™, but it can now be more efficiently viewed at long distances. It not only allows the user to more efficiently see when a bolted joint has lost tension from long distances, but gives you the Knowledge to assess precisely when to re-tighten. This greatly improving safety and making substantial savings in maintenance.

The concept was originally developed for Australian based Woodside Energy to use in their Appleton Cranes. The Maxbolt™ Knowledge has taken an already extraordinary product and technology and put it on an even more sophisticated level. With the Knowledge, there are now even more advantages than ever before.

First and foremost, the indicator can be seen from much longer distances due to its increase in size and design, tested at 20 meters. Also, the technical design of the white on black allows for superior readability in various lighting circumstances. Furthermore, the continuous scale on the larger indicator allows users to assess the need for tightening on a scaled basis, as opposed the competitions go/no-go design.

This means that the user can easily see the change in load on a custom scale showing desired operating ranges. They can then determine exactly when the need for re-tightening is. This vastly reducing the need for expensive downtime for re-tensioning in great distance applications.

Just like the original, the Maxbolt™ Knowledge continuously measures and displays the amount of tension in a bolt or stud. The system offers a simple method for accurate joint assembly and is the only product available, for most applications, which will continually monitor clamping force while the fastener is in service. This aids in maintaining the integrity of the bolted joint.

Our Maxbolt™ Load Indicating Fasteners come in various shapes and sizes. They can be manufactured from standard ANSI materials or exotic materials. Each load indicating fastener is calibrated and tested to its proof load to assure that its performance will meet the designed tension requirements of the application. In most cases, load-monitoring cartridges can be retrofitted into customers' bolts.

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