



Instant Load Check!



With not much more than a “Snap”...
You can easily check the tension of
Valley Forge’s 2009 Model SPC4 Bolt

When inspections come due, save time and leave the torque wrench below!

Our SPC4 bolt is quickly and very accurately checked with just a snap of the meter probe, and a quick look at the meter.

It’s actually quite easy to check 20 to 25 bolts per minute!

**We manufacture the MaxBolt™ & SPC4™
Load Indicating Fasteners to ASTM-F2482-05**

Applications:

- Blade Bolts
- Tower Bolts
- Nacelle Frame Bolts
- Bearing to Hub Bolts
- Foundation Bolts
- Hub to Spindle Bolts



We now make a Special New Washer Too!

With a Revolutionary Head Locking Design, it acts like a back up wrench.
Simply place one of these under the head of the bolt, and tighten the nut.



LOAD INDICATING FASTENER SYSTEMS FROM VALLEY FORGE & BOLT MFG.

Our high tech bolting solutions are now available to the Wind industry. This fastening technology greatly enhances the installation and serviceability of wind turbines. Load Indicating fasteners are direct replacements for standard or specialty bolts in wind turbine assemblies.

Wind Turbines are now big investments within the United States as the Federal government and states turn to renewable energy. Wind turbines are increasing in size and efficiency as new designs for these engineering marvels venture into the future. With blades that will span the length of a football field it becomes vital that every component is manufactured and maintained to precise engineering standards.

Our Load Indicator systems are designed for this new generation of turbines where the increased weight and structure are becoming even more critical as larger turbines are produced, making installation and maintenance extremely costly and time consuming.



Our History

Valley Forge & Bolt Manufacturing Company is a manufacturer of hot forged standard and special fasteners to 4" diameter, to most inch and metric standards. We also CNC machine and roll thread to customer specifications.

We are a minority owned company located in Phoenix, Arizona, supplying quality fasteners to numerous industries for over thirty five (35) years. Our desire to help customers find solutions to bolt related problems led to the development of several patented products. Our MAXBOLT™ & SPC4™ Load Indicating Fasteners are manufactured, tested and certified to ASTM F2482-05 or to customer requirements.

Load Indicating Fasteners reduce assembly time while assuring proper bolt preload. For quick maintenance they can be monitored as often as needed to verify that bolt load is still being maintained. Any reduction in clamp load is instantly identified and bolts whose values have fallen below a lower limit can be re-tightened immediately.



We started here over thirty-five years ago, and are still here for your fastening needs.

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Valley Forge & Bolt Mfg. Co.