

ZipNut® Technology



Space Age Meets Energy Industry

- **Revolutionary technology**
- **Originally developed for NASA**
- **Fast & efficient**
- **Durable**
- **Reduces time and labor costs**
- **No cross-threading**

Space Age technology

Looking for an out of this world solution to your bolt tension problems? Look no further than FASTORQ's revolutionary ZipNut® Technology.

First developed for NASA for use on the Space Shuttle, International Space Station and Hubble Telescope, ZipNuts are designed to eliminate the time-consuming motion of threading a traditional nut on a bolt in applications where speed, accuracy and reliability are vital.

FASTORQ's ZipNut is quickly installed by simply pushing it onto a bolt in one motion. When it reaches the end of the bolt, it is tightened by a simple twist. That's it. It's locked in place.

ZipNuts also come in a Double ZipNut option that slides onto the nut in the same manner as the original, but give users the option to also remove the nut the same way with one quick turn and slide off the bolt. It doesn't get much easier than that!

Not only is ZipNut Technology quick,

it conquers many common bolt problems such as rust, paint and damaged threads.

ZipNut Technology at work

FASTORQ's ZipNut Technology is now back on earth and available not only as a superior solution to standard nut threading troubles, but part of many FASTORQ tools designed to make quick work of your toughest problems.

ZipTENSIONER. These stud tensioners cut job time by 90 percent and provide 100 percent coverage on the flange. ZipTENSIONERS are the ultimate in reliability and speed for bolt loading applications. See pages 14-15 for more information.

ZipPULLER. Ideal for challenging subsea flange connections and alignment or heavy equipment positioning and maneuvering, the ZipPULLER flange puller has the largest load capacity pulling system on the market. Its versatile and compact design works great with ROVs, hard suits and divers. Turn to page 21 to find out more.

ZipLIFT. By using Double ZipNut Technology, the ZipLIFT load connector and crane grapple provides safe and reliable industrial strength lifting in hazardous work areas. Please see page 20 for details.

AutoZIP VIV Mechanism Fastener. Vortex Induced Vibration (VIV) is extremely destructive to subsea risers and moorings. FASTORQ's AutoZIP VIV Mechanism Fasteners provide rugged, permanent and irreversible fastening of VIV suppression system fairings on subsea risers. Go to page 22 for more information.

Applications and specifications

ZipNut Technology is a viable option for many industries where speed, accuracy and reliability are important and even life saving.

Additionally, robotic adaptability makes ZipNuts and ZipNut Technology tools ideal for subsea, land-based, wind and nuclear applications.

Standard ZipNuts replace heavy hex nuts and fit standard bolts. Available in stainless steel, nickel-plated or



corrosion protection coating, ZipNuts come in many different materials and custom sizes to meet your needs, including Super Duplex materials for subsea installation.

When you are ready to step up to the fastening technology NASA trusted with its equipment, give FASTORQ a call and ask for the one and only ZipNut Technology.

FASTORQ is the exclusive manufacturer of ZipNuts for the entire energy industry. Please see each specific ZipNut Technology tool for warranty information.

With ZipBOLT - connections happen fast and lock tight.



The ZipLIFT load connector & crane grapple safely & quickly move cargo - hands free!



ZipPULLER offers the largest load capacity pulling system in the industry.