GET THE FACTS

About Bolt Fastening Systems

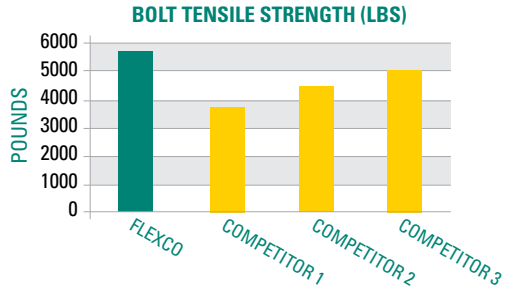


Differences in design and materials affect fastener performance

Durable, bolt solid plate belt fasteners can be a smart choice for heavy-duty applications. But not all bolt solid fasteners are created equal. So be sure to get the facts before choosing a system for your conveyor belt.

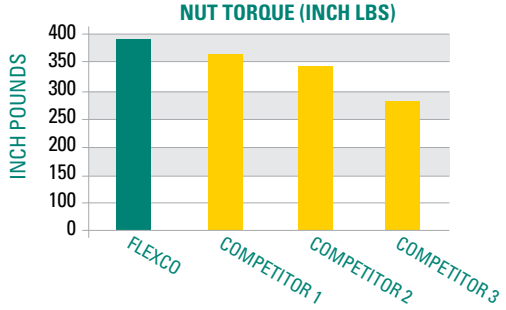
Fact: *Bolts with a higher tensile strength create a longer-lasting splice that resists fatigue.*

Bolt strength is a key component of splice integrity — and the strongest bolts on the market are made by Flexco. Our bolts have a significantly higher tensile strength than those of the leading competitive brands. That means you can count on Flexco fasteners to stand up to the needs of all your applications — even your most demanding ones.



Fact: *Nuts with higher torque ratings ensure better splice integrity, greater compression force, more impact resistance, and resist nut stripping during installation.*

Nut strength also plays a key role in splice integrity. When nuts resist torque, they remain snug. Flexco uses nuts that can withstand over 390 pounds per inch of torque, making them the strongest on the market. The result is better compression, a lower profile, and longer service life.



Fact: *Piloted bolts ensure faster, easier installation.*

A key benefit of bolt solid fasteners is quick, easy installation. Only Flexco offers bolts with a patented pilot design that provides immediate alignment, greatly improving turnaround times.



Flexco

Competition

Fact: *Low-profile washer design maximizes splice life on thin, worn belt.*

The Flexco low-profile washer design on #1, #140 and #190s ensures a high quality splice on even hard and worn belts. Our design ensures that the washer nestles within the cup, preventing interference with the integrity of the splice.



Flexco



Competition

FLEXCO

Partners in Productivity

Flexco® Bolt Solid Plate Fasteners: The Most Advanced Bolt Fasteners Available

Our Bolt Solid Plate system has been specially engineered to meet the demands of tough applications, such as sand, gravel, aggregate, crushed stone, and cement. These fasteners derive their strength from a combination of top-and-bottom plate compression and high-tensile-strength bolts. The result? A dependable, sift-free splice with superior strength and service performance — just what you'd expect from Flexco.

Plus, Bolt Solid Plate fasteners feature:

- Specially formed teeth that penetrate the belt carcass, without damaging fibers
- Bottom plates that come pre-assembled with bolts for faster installation
- Lower-profile nuts that seat easily into fastener cups for a smoother splice
- "Coined" edges deliver our industry-leading fastener/cleaner interface
- Enhanced wrench and nut-slot designs for a superior "no-slip" grip during installation
- The industry's widest selection of compatible templets, hand, and power tools for easier installation
- Optional rubber covered top plates for increased impact protection and compatibility with belt cleaners

Bolt Solid Plate fasteners also come in the industry's widest variety of materials to meet your unique needs.

LOWER-PROFILE NUTS



Flexco | Competition

"NO-SLIP" WRENCH AND NUT-SLOT DESIGN



Exclusive to Flexco

MATERIAL OPTIONS

TYPES OF AVAILABLE MATERIAL	FLEXCO	COMPETITOR 1	COMPETITOR 2	COMPETITOR 3
AISI Grade Steel	Yes	No	No	Yes
Abrasion Resistant	Yes	Yes	No	Yes
Spark Resistance	Yes	No	No	No
Corrosion Resistant	Yes	Yes	No	Yes
Non-Magnetic	Yes	No	No	Yes
Impact Resistant	Yes	No	No	No
Rubber Covered	Yes	No	No	No

To learn more or find a distributor near you, visit **www.flexco.com.**

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