



# J.LANFRANCO

LOCKNUTS FOR CRITICAL BOLTED JOINTS

## J.LANFRANCO IS ABLE TO SHAKE, RATTLE, AND ROLL WITH THE MINING AND PROCESSING INDUSTRY

See how J.Lanfranco has helped the mining and processing industry minimize unplanned shutdowns and increase plant throughput.

### THE PROBLEM

Shaker tables are subjected to some of the most demanding operating conditions: Intense shock, impact, and vibration. They're often the bottleneck of mining operations since premature loosening of screens cause unplanned shutdowns.

#### Unscheduled screen change outs result in:

- Reduced plant throughput.
- Reduced profitability.
- High labor costs.
- Increased warranty costs for screen OEMs if minimum run cycles are not met.



### THE SOLUTION

Numerous customers have switched over to both ESL and ERM locknuts for in-operation performance, as well as for the ease and speed of change outs.

#### One customer in particular required a 3/4 UNC Gr.8 ERM nut with a crimped washer that would provide:

- Easy initial installation with no galling.
- Ability to loosen and re-tighten without full removal for quick change outs.
- No damage to bolt threads.
- Washer retention to withstand +10,000lbs of force.



They also needed the first parts within three weeks. It took some effort, but The Nut Jobs at J.Lanfranco came through. Drawings and CAD files were submitted within one week, and the first 700 pieces were produced and delivered within two weeks. The ERM nuts provided the customer with 10 on/off's and met all criteria.



ERM series locknut includes a crimped washer

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