



QUARTERLY JOURNAL OF INFORMATION

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Welcome to Clamps Incorporated Newsletter
"Clamp Tech"

About Clamps Incorporated . . .

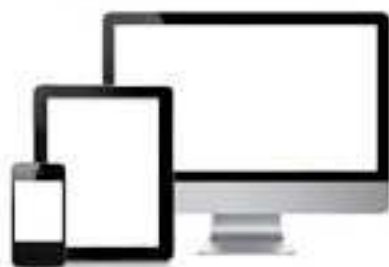
We manufacture:

- U-Bolt Clamps
- Band Clamps
- Strap Clamps
- Custom U-Bolts
- Custom Brackets & Stamping
- Products to your Specifications



Made in the USA

WWW.CLAMPSINC.COM



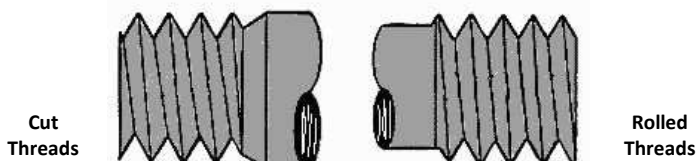
OUR WEBSITE IS
OPTIMIZED FOR
TABLET & MOBILE

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Thank You, Clamp Tech
techinfo@clampsinc.com

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Rolled Thread vs. Cut Thread

Rolled threads is cold forming process that displaces the material to form the thread crest. Threads produced by rolling, results in savings. A rolled thread has a smaller blank. The material used has an outside diameter between the major and minor diameters of the finished thread.



The average material savings for a thread size of 3/8-16 is 26 to 28 percent. The rolled thread process uses dies that are extremely accurate allowing a pitch diameter tolerance of .001 inches. Rolled threads are faster to produce, with less labor cost than cut threads and are more resistant to damage during handling.

Benefits of rolled threads are:

- **Tensile Strength** - static tensile tests typically show a ten percent increase in breaking strength.
- **Shear Strength** - the grain of the material is reformed in folding contours of the threads. This helps resist stripping. Shear failure takes place across the grain rather than with the grain.
- **Resistance to Fatigue** - rolling dies form the thread with smooth roots, free of tears and cut marks which are starting points of fatigue failure.
- **Accuracy** - control of pitch diameter, thread angle, lead, and taper are easier to maintain.
- **Uniformity** - roll threading enables accuracy in long runs with high speed production.

New Certification ISO 9001:2008

In April, Clamps Incorporated Quality System was successfully re-audited for the ISO 9001:2008 standard. The new Certificate of Registration effective date is 05-MAY-2015.



If you need an on-file copy of this Certificate, send request to info@clampsinc.com.



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