

The Jarvis logo is written in a red, cursive script. Below it, the word "JARFLO" is written in a bold, white, sans-serif font. The background of the entire advertisement is a dark blue with a large, jagged red shape on the right side that resembles a gear or a saw blade. On the left side, there are horizontal, glowing yellow and orange bands that look like light passing through slats or a filter.

Jarvis
JARFLO

Team *Jarvis* Makes Your Job Easier

Jarflo Innovations Advance Form Tapping

Jarflo is the premier name in the expanding world of form tapping. It has been the vanguard of innovation for the past 40 years.

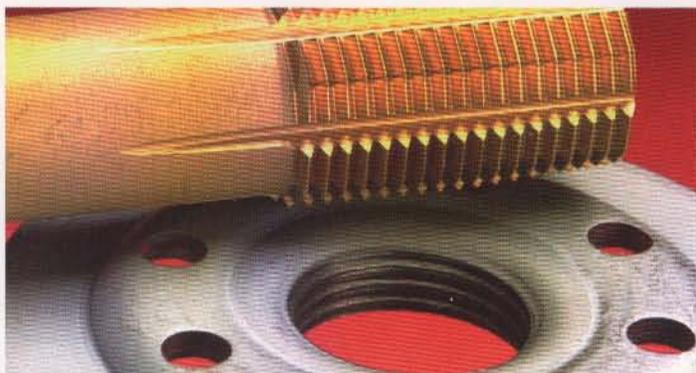
The Jarflo name is the pace setter; the one to depend on; the one that gets the job done.

Cold form tapping is an evolving technology. Jarflos provide consistently higher production rates, longer tool life and lower torque. That is why Jarflo has remained the leading name in cold form taps.

"Team *Jarvis*" is committed to making your Jarflo job easier.



JARFLO – This is what Jarflos can do!



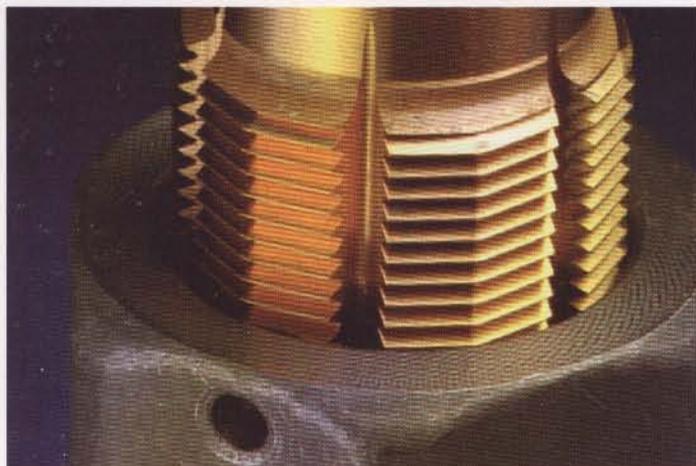
Higher temperature – Jarflo!

Oil Filters: Automotive oil filter makers use Jarflos to thread cold roll steel plates. Besides eliminating troublesome burrs, Jarflos have proven to be more cost effective. They average over 80,000 parts per tap; and their unique geometry means Jarflos can be run at higher speeds. This translates into lower costs!



200 holes per minute! – Jarflo!

Stub Jarflos: Special Jarflos are being used in “in-die” tapping units, turret tappers, CNC and mechanical presses. Incredible production rates of 200 strokes per minute are achieved; and in some applications, Jarflos produce over 200,000 holes per tap.



Oil Hole Tapping – Jarflo!

Automotive Steering Socket Part: This oil hole Jarflo increased production from 1,500 to 10,000 pieces – more than a six-fold improvement. This blind hole application is one inch deep in 1018 cold formed steel. This 1”- 20 Jarflo has an oil hole through the tap and runs at 175 surface feet per minute.

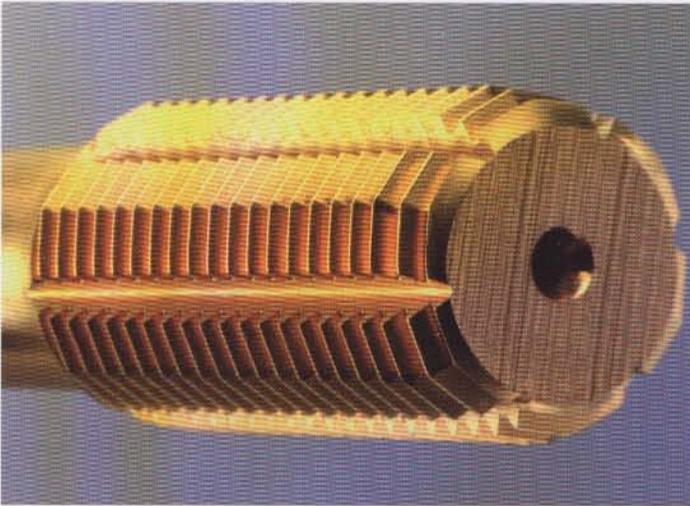


Brutal applications – Jarflo!

Sucker Rod Coupling: This 4” deep hole application in 4130 steel is one of the toughest in the industry. Tap diameters range from 5/8” to 1 1/2” with ten threads per inch. Jarflos produce anywhere from 1,800 to 3,800 parts per tap. Throughout the world, the choice of tap for this application is the Jarflo!

Call us at 1-800-258-7162

JARFLO – The premier name in form tapping!

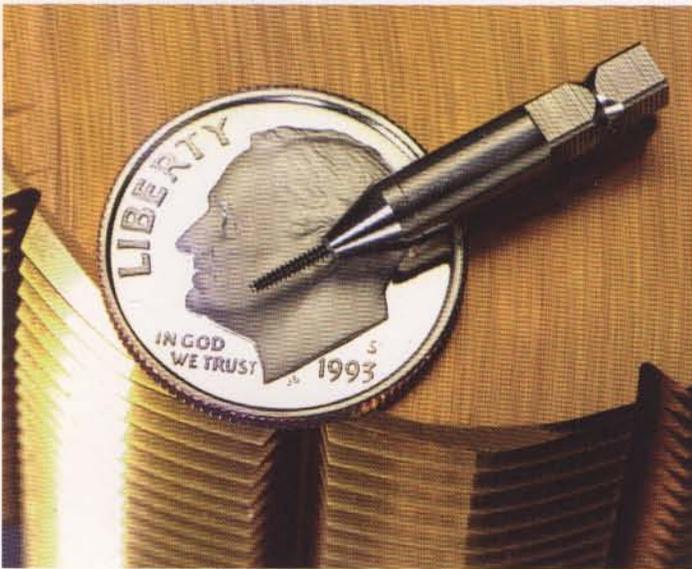


Lobes and Grooves

Jarvis designs and builds Jarflos with variations in the number of lobes and grooves. The number of lobes combined with the number of chamfered threads determines the load per lobe. Of course, the number of grooves can be varied with the number of lobes. In many cases grooves help the coolant flow and materially improve your tool life.

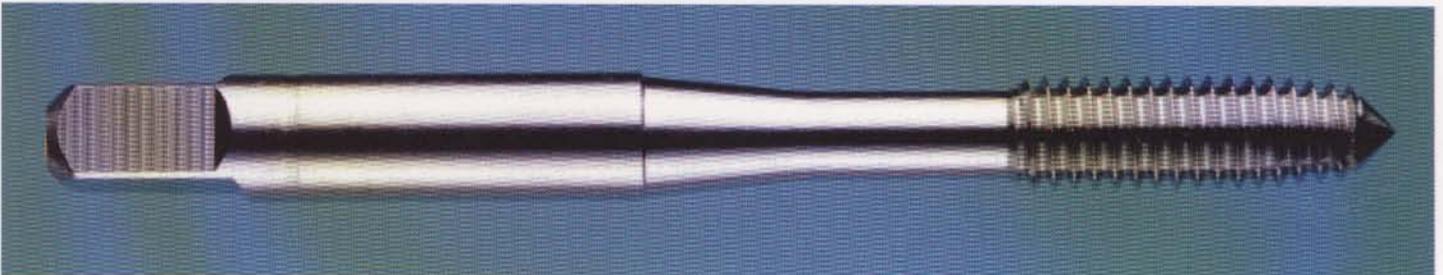
Range of Applications

Whether your requirement is for a 0.034"-100 or a 3"-12, Jarflos come in a wide variety of pitches, diameters, lengths, treatments and thread forms.



Increased Coolant Flow

Jarflos with reduced thread lengths provide you with two important advantages. First, coolant flow can be directed at the threads doing the work. Secondly, the shorter thread length reduces friction between the tap and the hole allowing the taps to run cooler. J-Necks are provided on the #6's thru M10's. The net effect is reduced friction and improved tap life.



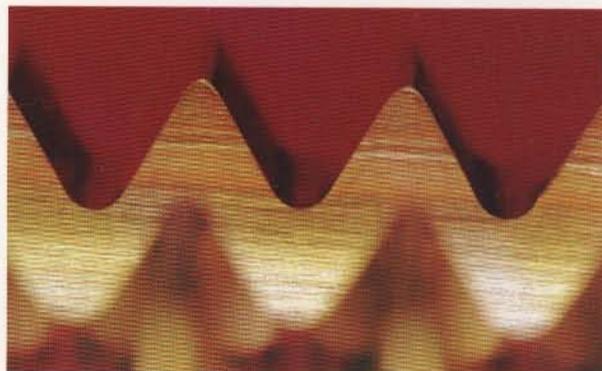
Call us at 1-800-258-7162

JARFLO – This is how Jarflos do it!

Innovative engineering produces Jarflo performance

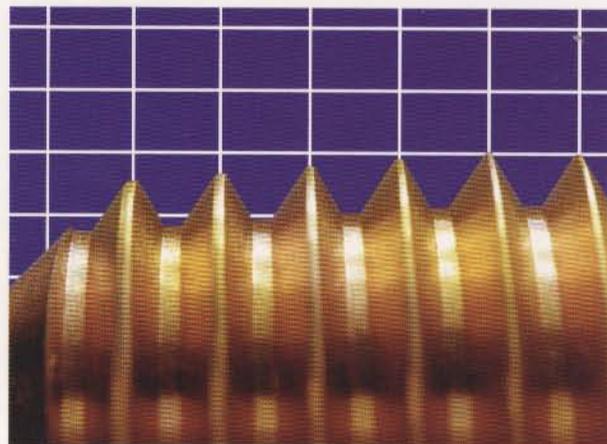
Machine Ground Radius Crests

Unlike cutting taps, the crests of metal forming taps perform the lion's share of the work. If the threads have smooth machine ground radius crests, your torque requirements will drop by 25% to 50%. Jarvis offers a wide variety of pitches with radius crests.



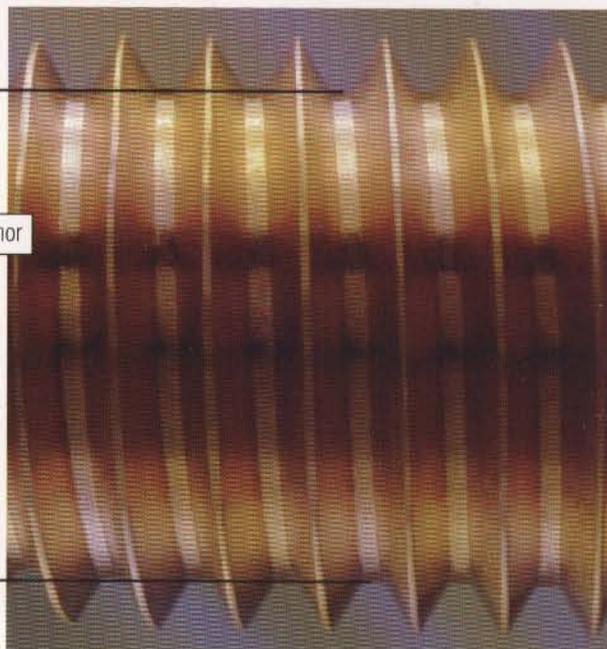
Lead Error Correction

Through the use of computers, Jarvis has perfectly matched the crest locations in the chamfered section with the crest locations on the full diameter. This feature displaces material evenly and reduces your torque requirements.



Variable Chamfer Lengths

Jarvis provides different chamfer lengths to meet your needs. Whether your requirements dictate a one thread maximum chamfer length or a standard bottoming, plug, or taper, Jarvis can provide what you need.



Controlled Minor Diameters

In some applications, the minor diameter of the tapped hole is crucial. SPC requirements dictate close tolerances. Jarflos can be provided with an elevated root in the threads that burnishes and controls the minor diameter of the tapped hole. This feature is widely used in automotive applications.

Call us at 1-800-258-7162

Why Jarflo? – Because it works!

- **Jarflo:** Direct factory engineering support.
- **Jarflo:** Standard Inch and Metric Jarflos available from stock.
- **Jarflo:** Special Jarflos from hardened blanks or bar stock available.
- **Jarflo:** Customer driven designs: nibs, straight and tapered pipe taps, multiple leads, tandems, oil holes, Acmes, British Whitworths, British Associations and special thread forms.
- **Jarflo:** Twist drills for Jarflo hole sizes available.
- **Jarflo:** Surface treatments to optimize tool life: Nitride (NP), Oxide (J100), Nitride & Oxide (NQ5), Titanium Nitride (TiN), Chromium Nitride (CrN), Carbonitride (TiCN) and Chrome (KF1).
- **Jarflo:** Premium steels to meet application needs: HSS, VHP and VHP Cobalt .
- **Jarflo:** Engineering data available.

Call us today: 1-800-258-7162
International: 1-603-332-9000
FAX: 1-603-332-8069



Jarvis Cutting Tools
100 Jarvis Avenue
Rochester
New Hampshire 03867

Team *Jarvis* Makes Your Job Easier