

A very expensive problem on many flat-die thread rollers:  
The rolled part sticks to the moving die and is transported back into the tools on the return stroke.

It collides with the next blank already inserted into the dies.  
The result: **CRASH!!**

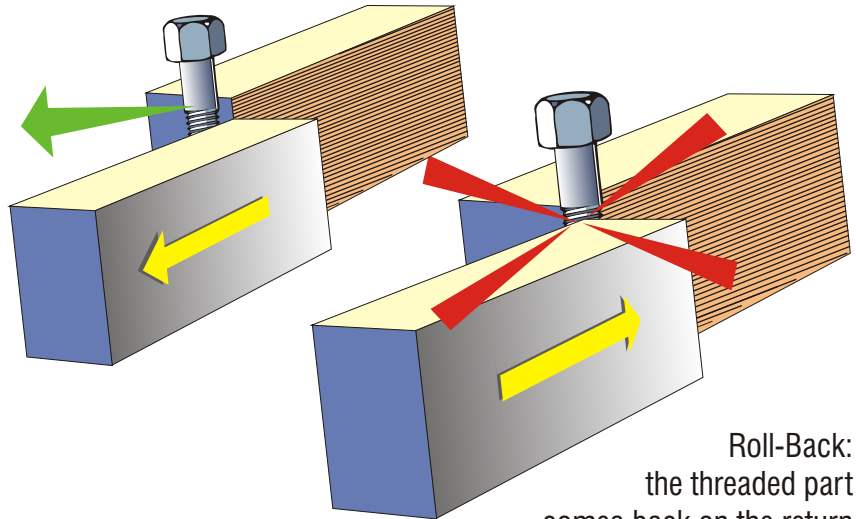
More thread roll security with SKRollbackmaster :  
All process monitoring systems marketed by IMPAX/SK offer an optional anti-roll-back function. If the monitor registers a force pulse during the return stroke, the machine will be stopped immediately. This can prevent major damage to machine and tooling.

Your benefits:

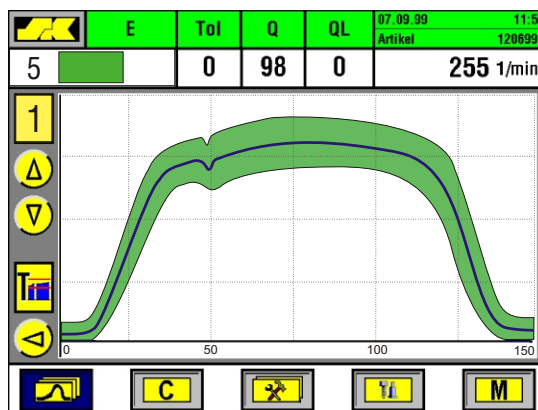
- Machine and tool protection
- Prevents the roll-back from disrupting the die set-up
- No extra sensors required other than the standard roll force sensor
- Increased die life
- Higher productivity

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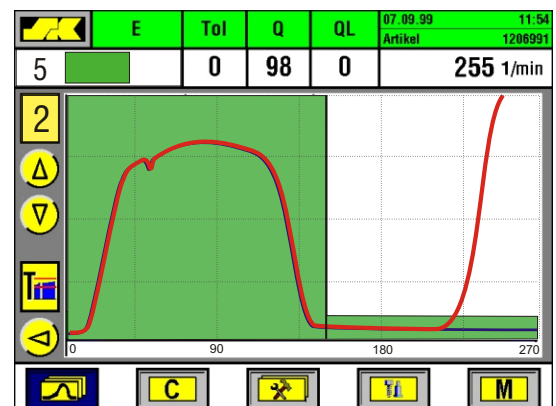
The threaded part is ejected correctly



Roll-Back:  
the threaded part comes back on the return stroke and collides with the dies (CRASH!!)



Standard thread roll monitoring screen



An extra channel with an extended timing window detects roll backs