



We're Turning the Preset Torque Wrench World on its Head with our NEW Holding Wrench

And it's Not the First Time!
We've Been Innovators for 70 Years.



PRESET TORQUE WRENCH

In 1945, fighter plane design advances made it impossible for our beam torque wrenches to fit into the cowling and nose cone. At the request of the US Government we invented a wrench that would fit the space and still be accurate enough for the requirements. We called it the

Preset Torque Wrench. The wrench was a big hit and quickly became the backbone of assemblies around the world. The wrench was built in a flattened case to prevent wrench deflection that changes torque output.



SLTC

In 1998 we added a switch and tethered cable to the back of the preset click wrench and added the name SLTC. We connected the cable to our new TCV process monitor that connected to the PLC. This created digital documentation for hand tools.

LTC

In 1956 we invented interchangeable heads for torque wrenches. This made our tools even more attractive because you no longer had to buy a wrench with every head size. We called it the LTC. One key element of the interchangeable head patent is the dovetail base for attaching heads. Our original design had it, and our

wrenches still have it today because it is the most effective way of distributing the force over a larger area. The heads had rounded corners to alleviate stress points from intersecting vectors.



WIRELESS WRENCH

In 1999 we added the first radio board and battery combination. The tool wirelessly communicated with the TCV. Suddenly operators had supervisor control to help them eliminate errors. The radio operated at 900 MHz.

HOLDING TOOLS

PROCESS MONITORS

In 2008 we introduced the new Global 8 Series process monitor. This took highly focused error proofing capabilities to a new level.

In 2016 we released the Global 400 that works with the SR radio-equipped torque wrenches. With the Global 400, operators receive visual, auditory, and tactile feedback from multiple sources to guide their performance.

NEW! HOLDING WRENCH

Now, we've added the Holding Tool Technology wrenches to increase flexibility and control. Four operators each can work with a torque application tool and a holding wrench. Holding tool wrenches are compatible with the Global 400 and Global 400mp process monitors. It's the most advanced wrench on the market.

WHY DID WE INVENT OUR HOLDING TOOL TECHNOLOGY WRENCHES?

Hydraulic Hose Torque Service Life and Error Proofing Challenges

- Bending a hydraulic hose in more than one plane results in twisting of its wire reinforcement.
- A five (5) degree twist can reduce hose service life by as much as 70%*.
- A seven (7) degree twist can result in a 90% reduction in hose life*.
- Hose twisting can occur during hose installation and can occur while tightening the hydraulic connections.
- Hard tubing is not immune to damage from over-tightening the connector or twisting because of vibration and movement.

The Sturtevant Richmond Holding Tools (patent applied for) put a POSITIVE twist on ROI.

* Data from Brendan Casey at hydraulicspneumatics.com



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ORDER YOUR HOLDING TOOL TECHNOLOGY WRENCH TODAY!

- 810673 HTS 13"
- 810674 HTS 20"

Contact Your Local SR Sales Professional or call Customer Service at 847-455-8677.

More than 40 years ago The Sturtevant Company and The Richmond Company were merged together to form the most comprehensive torque tool and calibration equipment product line on the planet. Many of our customers have been with us for 75 years, and all say that SR tools are, by far, the easiest to calibrate and most accurate, durable tools on the market. Try our tools and see first-hand why those who know us are customers for life.

Accurate. Reliable. Durable. Tools you trust.