

## **New from Ruland: Installation and assembly tools**

*Marlborough, MA, September 2018.* Ruland has added a new accessory product line including key stock, hex keys and torque wrenches to assist with assembly and installation of shaft collars and couplings. Tools are available in a wide range of options from stock in Ruland's Marlborough, Massachusetts factory.

Ruland oversized key stock is pre-cut to fit inch and metric ASME standards. They are often used with a shaft coupling to allow for higher torque capabilities and prevent slippage on the shaft. Slightly oversized tolerance ensures key stock fits tightly to the shaft key slot and coupling keyway for consistent zero-backlash performance. Ruland key stock is supplied in 12 inches (25 mm) length, allowing users flexibility to cut to length. They are available in zinc plated steel for high torque applications as well as stainless steel for corrosion resistance.

Torque wrenches are used to precisely install hardware to the manufacturer recommended seating torque. They are calibrated to prevent over torquing and maximize performance in installations where joint tension is critical to component performance, such as a shaft collar or coupling. Ruland offers torque wrenches with preset or adjustable torques to ensure that hardware is properly installed. These durable wrenches are supplied in T-style for comfortable grip and increased turning power, L-style for high torque applications, and screwdriver style for low torque requirements. All Ruland torque wrenches are manufactured by Seekonk Tools in Massachusetts and come standard with NIST traceable certifications.

Hex keys are used to tighten or loosen the fastening hardware supplied with Ruland shaft collars and couplings. Ruland ball head hex keys are manufactured in longer than standard lengths to reach in confined spaces and allow for additional leverage in applications with high seating torque requirements. The short shank heads have a 100 degree angle, allowing them to be shorter and fit in tighter spaces. They are made from chrome vanadium steel with electrostatically-applied powder coating for durability in any operating environment. Color coding makes them easy to identify on work benches or at machines. Inch and metric hex key sets can

be purchased together or as individual items. The hex keys are manufactured in Germany and are RoHS complaint.

**Product Link:**

<https://www.ruland.com/accessories.html>

**Pictures:**

Picture 1: The torque wrench automatically releases and resets. This prevents tightening above the preset value, even with continued turning. Periodic calibration is required, depending on frequency of use.



Picture 2: Hex key wrenches are required to tighten or loosen the fastening hardware supplied with Ruland shaft collars and couplings.



**Company information:**

Ruland Manufacturing Co., Inc. was established in 1937 as a manufacturer of precision components. Ruland's focus for the past 40 years has been on high performing shaft collars and couplings. All Ruland products are made in its Marlborough Massachusetts factory. The complete line of products includes shaft collars and rigid couplings, and a full line of motion control couplings: beam couplings, bellows couplings, oldham couplings, miniature disc couplings and zero backlash jaw couplings.

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