

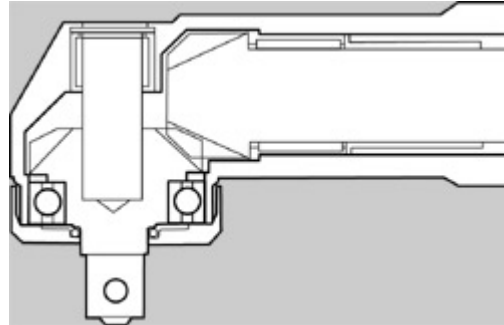
Defining Nutrunner Types

Understanding the Various Types of Nutrunners

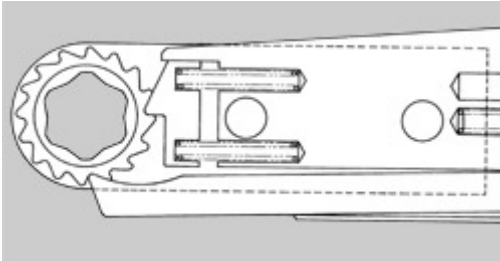
UAN SERIES ANGLE NUTRUNNERS

- Torque Control
- Electronically Monitored or Controlled Type

Designed for fastening in tight quarters or applications not served well by a pulse tool. The UAN Series transfers torque through beveled angle gears, continuously driving the fastener. When the prevailing torque overcomes the spring resistance on the clutch, the tool will disengage at the selected torque value. Low reaction force characteristics on hard joints make it comfortable for the operator to use. Ideal for applications ranging from 6 - 60 Nm (4 - 44 ft-lbs.)



URW SERIES IN-LINE RATCHET WRENCHES



Designed to set flush over the fastener head, the URW Series is ideal for narrow fastening spaces. Motor torque is transferred from a gear-driven, dual lobed cam that pushes a spring loaded push rod, rotating the socket one tooth at a time. Wide variations of socket sizes. Head thicknesses and tool lengths allow the URW Series access to many difficult applications.

UOW SERIES OPEN-END NUTRUNNERS

Designed for tubenut fastening, the UOW Series can transfer torque through a variety of options.

- **Stall Type:** Depending on the application requirements, the standard UOW Series will stall when torque resistance matches power output.
- **Mechanical Shut-off Type:** For greater torque accuracy and less reaction impulse to the operator, the UOW-T Series incorporates a mechanical clutch to shut off the tool at the preset torque.
- **Electronically Monitored Type:** For critical torque applications requiring monitoring or controlling of the fastening torque, the UOW-M Series utilizes a transducer to signal the clutch shut-off.

