

# RTU

## Rotary Torque Units

Designed to be used "in-line" to limit torque for both manual and power-driven applications.

CH models are suitable for chuck adaptation.

Repeatability within  $\pm 6\%$  of pre-set torque value.

Reliable radial torque mechanism.

The mechanism "slips-free" when the pre-set torque value is reached, eliminating overtightening. The mechanism then automatically resets.

Pre-set the torque using a torque analyzer, see our torque analyzer catalog.

Robust construction with corrosion-free finish.

Non-length dependent and bi-directional.

Model	Item #	Torque Ranges		Max RPM	Input	Output
		lbf.in	S.I.			
RTU170	020584	0.9 - 15	10 - 170 cN.m	500	1/4" M/Hex	1/4" F/Hex
RTU170	020345	0.9 - 15	10 - 170 cN.m	500	3/8" F/Sq	3/8" M/Sq
RTU170CH	020346	0.9 - 15	10 - 170 cN.m	500	1/2" M/Hex	3/8" x 24*
RTU450	020585	9 - 40	1 - 4.5 N.m	500	1/4" M/Hex	1/4" F/Hex
RTU450	020347	9 - 40	1 - 4.5 N.m	500	3/8" F/Sq	3/8" M/Sq
RTU450CH	020348	9 - 40	1 - 4.5 N.m	500	1/2" M/Hex	3/8" x 24*
RTU1000	020586	36 - 88	4 - 10 N.m	250	1/4" M/Hex	1/4" F/Hex
RTU1000	020349	36 - 88	4 - 10 N.m	250	3/8" F/Sq	3/8" M/Sq
RTU1000CH	020350	36 - 88	4 - 10 N.m	250	1/2" M/Hex	3/8" x 24*

\*UNF Thread



### WARNING!

Not recommended for impact wrenches or pulse tools.

# Accessories

## Hand Torque Screwdrivers

### FREEWHEEL ADAPTERS

Transmit torque in one direction and "freewheel" in the reverse direction.

The "one way" feature is achieved using a roller clutch, which provides minimal backlash and drag.

Provided with a 1/4" male hex on one end and 1/4" female hex drive on the other end.

Easily adapts to 1/4" F/Hex torque screwdrivers.

Absorbs unwanted shock loads.

Model: FWAR  
Torque: Clockwise  
Freewheel: Counter Clockwise  
Weight: 2.4 oz.  
Item #20-A8842R

Model: FWAL  
Torque: Counter Clockwise  
Freewheel: Clockwise  
Weight: 2.4 oz.  
Item #20-A8842L

### 1/4" MALE SQUARE DRIVE ADAPTER

Adapter can be used with any 1/4" Female Hex screwdriver to convert it into a 1/4" Male Square Drive screwdriver.

Item #020175

### ERGONOMIC GRIPS

Molded from clear PVC.

Custom shaped to match TLS screwdriver.

Provides softer, semi-cushioned feel to the operator.

Transparent PVC enables the screwdriver label, serial number and handle color to be clearly visible and readable through the grip.

Labels with preset and recalibration dates on the driver handle are protected.

Easily fitted using special P80 temporary lubricating emulsion (silicon free). When fitted, lubricant dries giving long-term grip even in moist conditions.

Model: Minor Grip  
Weight (approx): 15 grams  
Item #20-P19030

Model: Standard Grip  
Weight (approx): 24 grams  
Item #20-P19040

Model: P80 Lubricant  
(100mL)  
Item #20-A90220

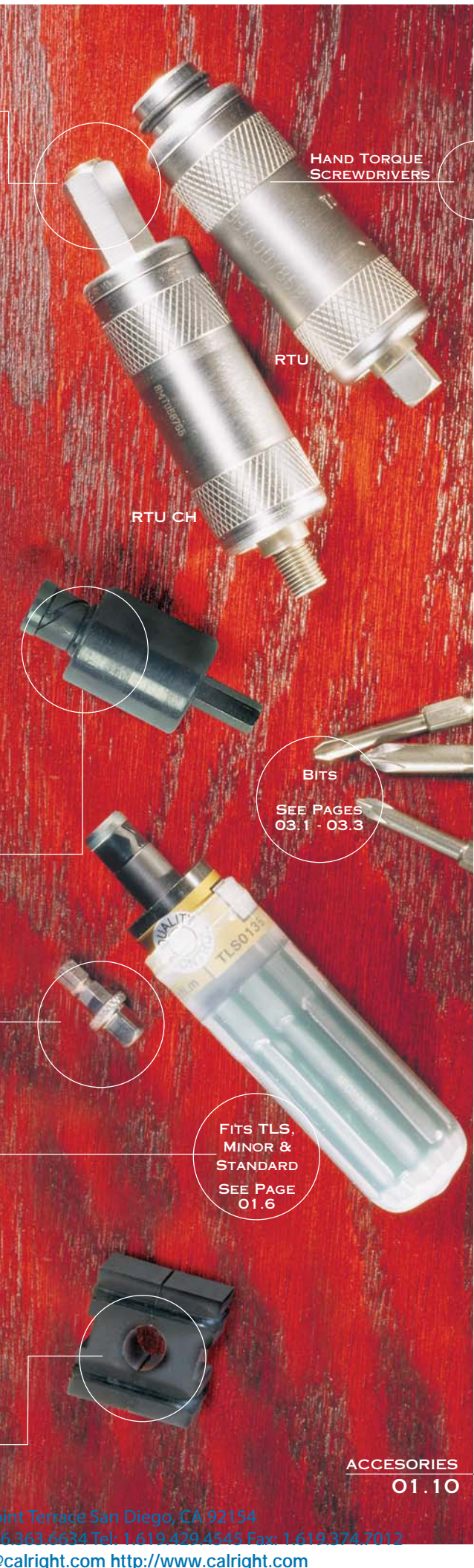
### MAGNETIZER / DEMAGNETIZER

Magnetize or demagnetize bits and parts instantly.

Item #12081



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ACCESSORIES  
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