

# URYU OPEN-END WRENCHES

## SPECIFICATIONS

Recommended Air Pressure : 0.6Mpa(85psi)

| Model     | Max. Torque/Range<br>(about) |       |        | Free<br>Speed<br>(about) | Weight<br>(about) |      | Air Inlet<br>Thread<br>(Pipe Tap) | Air Hose Size |     | Average Air<br>Consumption |          | Sound<br>Level |
|-----------|------------------------------|-------|--------|--------------------------|-------------------|------|-----------------------------------|---------------|-----|----------------------------|----------|----------------|
|           | Nm                           | kgf-m | ft-lbs |                          | kg                | lb   |                                   | mm            | in  | m³/min.                    | ft³/min. |                |
| UOW-11-10 | 13                           | 1.3   | 9.6    | 400                      | 1.4               | 3.08 | N.P.T.1/4                         | 9.5           | 3/8 | 0.35                       | 12.5     | 76             |
| UOW-11-14 | 16                           | 1.6   | 11.8   | 260                      | 1.8               | 3.96 | N.P.T.1/4                         | 9.5           | 3/8 | 0.35                       | 12.5     | 76             |
| UOW-11-22 | 24                           | 2.4   | 17.8   | 180                      | 1.8               | 3.96 | N.P.T.1/4                         | 9.5           | 3/8 | 0.35                       | 12.5     | 76             |
| UOW-11-30 | 32                           | 3.2   | 23.7   | 135                      | 2.5               | 5.50 | N.P.T.1/4                         | 9.5           | 3/8 | 0.35                       | 12.5     | 76             |

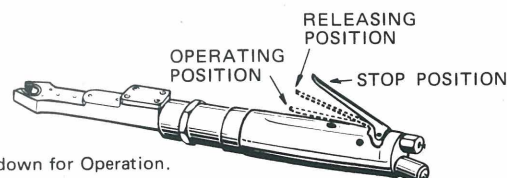
## SHUT-OFF-TYPE

|            |       |         |          |     |     |      |           |     |     |      |      |    |
|------------|-------|---------|----------|-----|-----|------|-----------|-----|-----|------|------|----|
| UOW-T60-10 | 4-14  | 0.4-1.4 | 3.0-10.4 | 300 | 1.8 | 3.96 | N.P.T.1/4 | 9.5 | 3/8 | 0.50 | 18.0 | 76 |
| UOW-T60-14 | 5-17  | 0.5-1.7 | 3.7-12.6 | 230 | 2.2 | 4.85 | N.P.T.1/4 | 9.5 | 3/8 | 0.50 | 18.0 | 76 |
| UOW-T60-22 | 7-24  | 0.7-2.4 | 5.2-17.8 | 170 | 2.2 | 4.85 | N.P.T.1/4 | 9.5 | 3/8 | 0.50 | 18.0 | 76 |
| UOW-T60-30 | 10-32 | 1.0-3.2 | 7.4-23.7 | 130 | 2.9 | 3.30 | N.P.T.1/4 | 9.5 | 3/8 | 0.50 | 18.0 | 76 |

\* Recommended Air Pressure : 0.6MPa (85psi)  
\* Sound level measured to ISO 15744

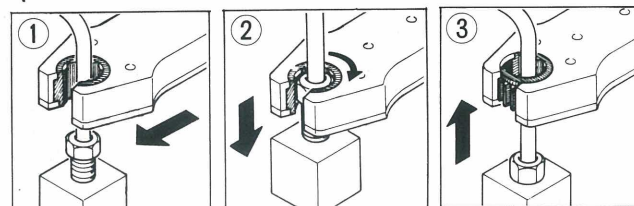
## TWO-STEP THROTTLE LEVER

① HALF-WAY for Releasing the Gear Socket back to the open position.



② Full-down for Operation.

## (OPERATION)



Make sure that the Gear Socket is set to the open position. If not, push the Throttle Lever down lightly half way to release the Gear Socket back to the open position.

Slide the tool on to the fastener and push the Throttle Lever down fully to run the fastener.

Slide the tool off the tightened fastener, and operate the Throttle Handle half way to release the Gear Socket back to the open position for freeing the tool of the work.

## IMPORTANT!!

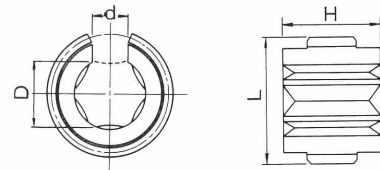
- ★ **Air Pressure:** — 0.6MPa (85psi) Air Pressure is recommended for good performance. Too high air pressure will shorten tool's life.
- ★ **Lubrication:** — For Air Motor — Supply Turbine Oil properly through Air Inlet or Line Oilier every before and after operation. (for example, MOBIL TURBINE OIL #32, SHELL TURBINE OIL #32 and or equivalents.)
- ★ **For Gears and Bearings:** — Supply recommended high quality grease properly (for example, SHELL ALVANIA NO.2, SHELL ALVANIA EP, MOBILPLEX 2, MOBILPLEX 47 and or equivalents.) every three months and when the tool is overhauled.
- Over -greasing will cause dull motion or heating.
- ★ **Dry & Clean Air:** — Drain daily, and install Filter at or near the take-off point to prevent trouble from foreign matter.
- ★ **Air Hose & Joints:** — Use air hose (the shorter, the better), joints and other fittings of good condition and of proper size to avoid pressure drop.
- ★ **Ratchet:** — Do not use over-sized and worn ratchets.
- ★ **Genuine Parts:** — Use only URYU's genuine spare parts for replacement.

Distributed by :

## GEAR SOCKETS

| Model                       | L<br>mm | H<br>mm | D<br>mm(in) | d<br>mm | Code No.  | Model                       | L<br>mm | H<br>mm | D<br>mm(in) | d<br>mm | Code No.  |
|-----------------------------|---------|---------|-------------|---------|-----------|-----------------------------|---------|---------|-------------|---------|-----------|
|                             |         |         |             |         |           |                             |         |         |             |         |           |
| UOW<br>11-10<br>&<br>T60-10 | 20.48   | 14      | 8           | 5       | 858-966-1 | UOW<br>11-22<br>&<br>T60-22 | 35.68   | 16      | 14          | 13      | 858-976-1 |
|                             |         |         | 9           | 6       | 858-967-1 |                             |         |         | 17          | 13      | 858-992-1 |
|                             |         |         | *10         | 6       | 233-447-0 |                             |         |         | 18          | 13      | 858-977-1 |
|                             |         |         | 11          | 6       | 858-968-1 |                             |         |         | 19          | 15      | 858-994-1 |
|                             |         |         | (1/4)       | 4.8     | 862-503-1 |                             |         |         | 21          | 15      | 858-941-1 |
|                             |         |         | (3/8)       | 6       | 862-500-1 |                             |         |         | *22         | 15      | 234-447-0 |
| UOW<br>11-14<br>&<br>T60-14 | 26.88   | 14      | 10          | 6       | 858-960-1 | UOW<br>11-30<br>&<br>T60-30 | 47.68   | 16      | (9/16)      | 13      | 862-508-1 |
|                             |         |         | 11          | 6       | 858-974-1 |                             |         |         | (5/8)       | 13      | 862-509-1 |
|                             |         |         | 12          | 8       | 858-971-1 |                             |         |         | (11/16)     | 14      | 862-510-1 |
|                             |         |         | 13          | 9       | 858-972-1 |                             |         |         | 23          | 18      | 858-981-1 |
|                             |         |         | *14         | 9       | 233-447-4 |                             |         |         | 24          | 18      | 858-999-1 |
|                             |         |         | 15          | 9       | 862-579-1 |                             |         |         | 27          | 21      | 858-982-1 |
|                             |         |         | 17          | 11      | 862-514-1 |                             |         |         | 28          | 21      | 858-942-1 |
|                             |         |         | (1/2)       | 8       | 862-502-1 |                             |         |         | 29          | 22      | 858-983-1 |
|                             |         |         | (7/16)      | 8       | 862-501-1 |                             |         |         | *30         | 23      | 234-447-6 |
|                             |         |         | (9/16)      | 9       | 858-973-1 |                             |         |         | (5/8)       | 13      | 862-516-1 |
|                             |         |         |             |         |           |                             |         |         | (7/8)       | 15      | 862-511-1 |
|                             |         |         |             |         |           |                             |         |         | (13/16)     | 15      | 862-517-1 |
|                             |         |         |             |         |           |                             |         |         | (1)         | 18      | 862-512-1 |
|                             |         |         |             |         |           |                             |         |         | (1-1/8)     | 22      | 862-513-1 |

\* In addition to listed sizes, many other sizes are available for each model. Specify Hex. size of Gear Socket when ordering. Otherwise the standard Gear Socket (marked with\*) is supplied.



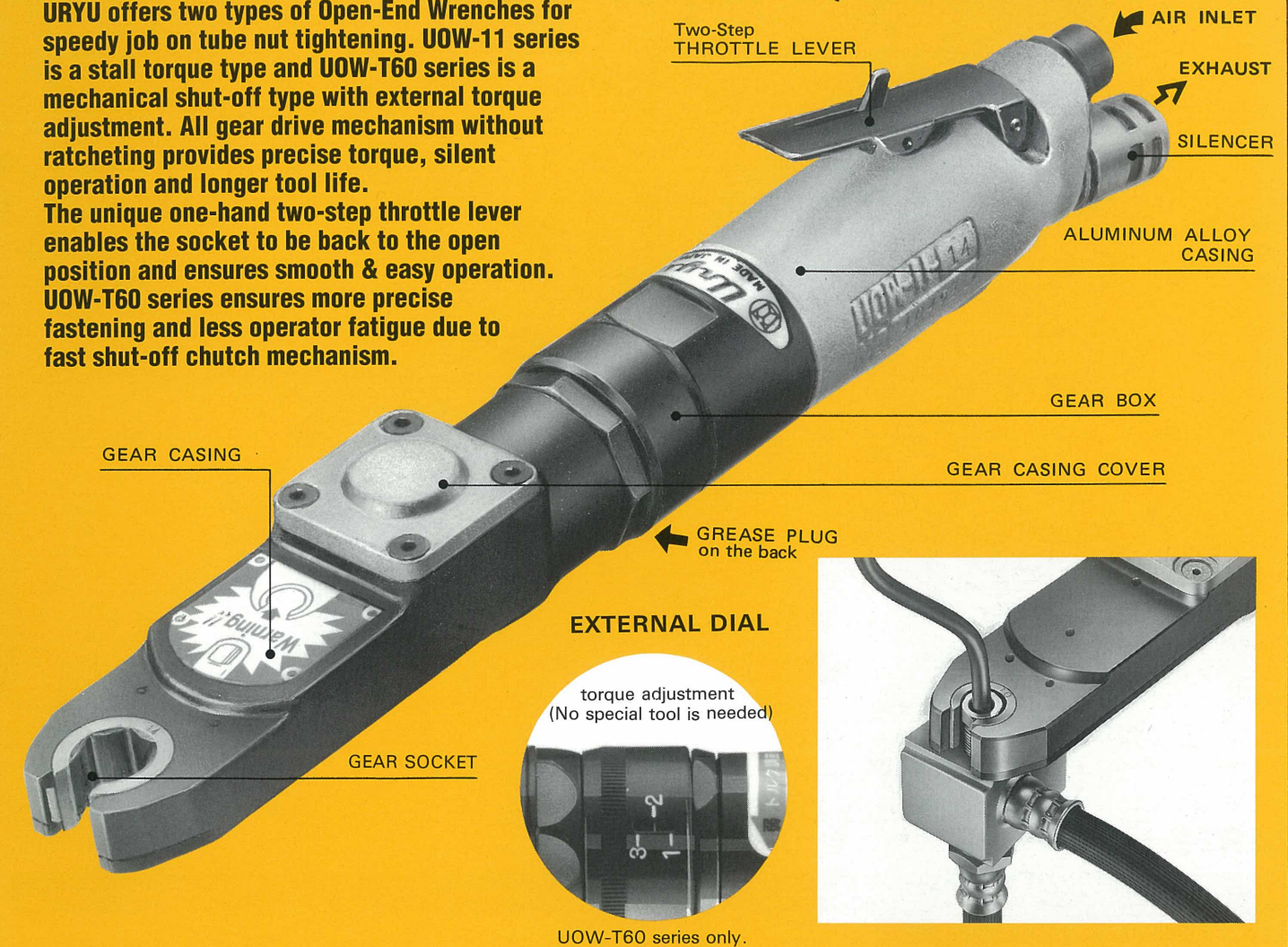
# UPT (URYU Pneumatic Tools)

## UOW-11 & T60 Series OPEN-END WRENCHES

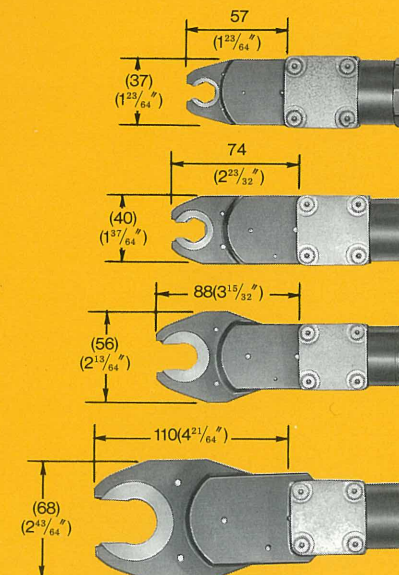
(Non-Reversible)

URYU offers two types of Open-End Wrenches for speedy job on tube nut tightening. UOW-11 series is a stall torque type and UOW-T60 series is a mechanical shut-off type with external torque adjustment. All gear drive mechanism without ratcheting provides precise torque, silent operation and longer tool life.

The unique one-hand two-step throttle lever enables the socket to be back to the open position and ensures smooth & easy operation. UOW-T60 series ensures more precise fastening and less operator fatigue due to fast shut-off clutch mechanism.



## OPEN-END HEAD



## -10 Series

## -14 Series

## -22 Series

## -30 Series

## (STANDARD TYPE)

UOW-11-10 295mm (11<sup>7/16</sup>")  
UOW-11-14 311mm (12<sup>1/4</sup>")  
UOW-11-22 326mm (12<sup>5/8</sup>")  
UOW-11-30 347mm (13<sup>7/8</sup>")

## (SHUT-OFF TYPE)

UOW-T60-10 370mm (14<sup>5/8</sup>")  
UOW-T60-14 385mm (15<sup>1/8</sup>")  
UOW-T60-22 400mm (15<sup>3/4</sup>")  
UOW-T60-30 420mm (16<sup>5/8</sup>")

Open-End Head is common to both UOW-11 & UOW-T60 series tools.



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