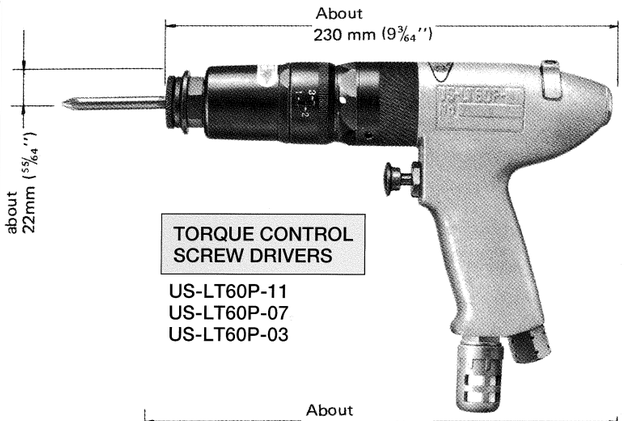
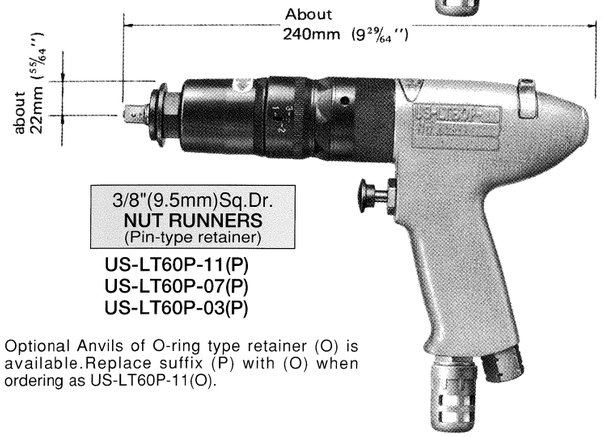
# TORQUE CONTROL SCREW DRIVERS




TORQUE CONTROL SCREW DRIVERS

US-LT60P-11
US-LT60P-07
US-LT60P-03



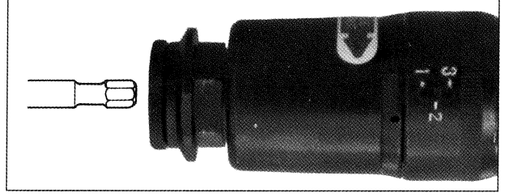

3/8"(9.5mm)Sq.Dr.
NUT RUNNERS
(Pin-type retainer)

US-LT60P-11(P)
US-LT60P-07(P)
US-LT60P-03(P)

* Optional Anvils of O-ring type retainer (O) is available.Replace suffix (P) with (O) when ordering as US-LT60P-11(O).

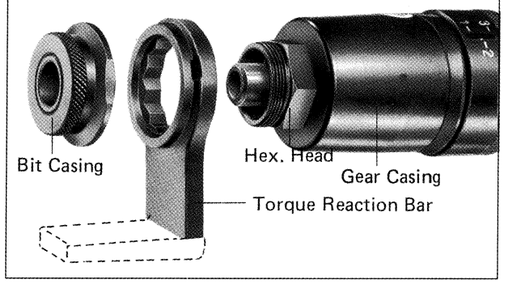
### QUICK-CHANGE CHUCK

Pull the spring loaded sleeve (knurled) forward longitudinally to remove or insert the screw bit. The bit is locked by the retaining ball when the sleeve is released back.



### TORQUE REACTION BAR

1. Heat and bend the straight bar to suit the application.
2. Remove the bit casing (anti-clockwise) to set the bar in the suitable position on the hex. head of the Gear casing.
3. Brace the bar against the work opposite to direction of spindle rotation drive.




## SPECIFICATIONS

| Model | | Capacity Nominal bolt or screw size | | Torque Range (about) | | | Free Speed (about) | Net Weight (about) | | Air Inlet Bushing Pipe Thread | Air Hose Size | | Average Air Consumption | | Recommended Air Pressure | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Screw Driver | Nut Runner | mm | in | Nm | kgf-cm | in-lbs | r.p.m. | kg | lb | | mm | in | m³/min. | ft³/min. | MPa | psi |
| US-LT60P-11 | US-LT60P-11(P) | 4~5 | 5/32~13/64 | 4.00~7.00 | 40.8~71,4 | 35.2~61.6 | 1,100 | 1.7 | 3.74 | N.P.T.1/4 | 9.5 | 3/8 | 0.5 | 8.75 | 0.6 | 85 |
| US-LT60P-07 | US-LT60P-07(P) | 5~6 | 13/64~15/64 | 4.00~10.0 | 40.8~102 | 35.2~88 | 650 | 1.7 | 3.74 | N.P.T.1/4 | 9.5 | 3/8 | 0.5 | 8.75 | 0.6 | 85 |
| US-LT60P-03 | US-LT60P-03(P) | 5~6 | 13/64~15/64 | 7.00~2.00 | 71.4~204 | 61.6~176 | 320 | 1.7 | 3.74 | N.P.T.1/4 | 9.5 | 3/8 | 0.5 | 8.75 | 0.6 | 85 |

Accessories: Air Hose Nipple, Screw Bit & Torque Reaction Bar.

### IMPORTANT!!

**AIR PRESSURE:**—0.6MPa (85psi) Air Pressure is recommended for the most efficient performance. Too high air pressure will shorten tool's life. Lower pressure of less than 0.4MPa (51psi)-can cause difficulty in shutting off air supply.

**LUBRICATION:— For Air Motor** —Supply light spindle oil before and after operation. (For examples, MOBIL SPINDLE OIL No.1, VELOCITE OIL No.6, SHELL SPINDLE OIL 60, SHELL VITREA13 or equivalents.)

**For Grease and Bearings**—Supply recommended high quality Grease properly (For examples, SHELL ALVANIA NO.2, SHELL ALVANIAEP MOBILPLEX 2, MOBILPLEX 47 or equivalents.) Once every three months and when the tool is overhauled. Over-greasing will cause dull motion or heating.

**DRY AND 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.

**GENUINE PARTS:**—Use only URYU's genuine spare parts for replacement.

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# UPT ( URYU Pneumatic Tools )

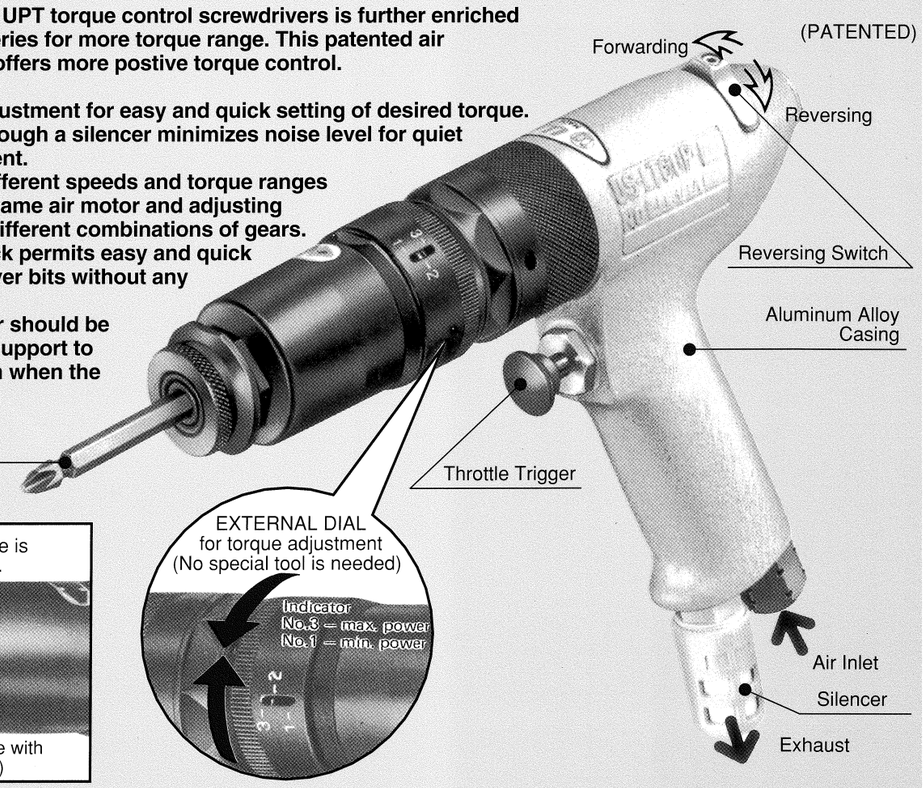
## US-LT60P Series AIR SHUT-OFF Type

## Torque Control (Reversible) Screw Driver & Nutrunners

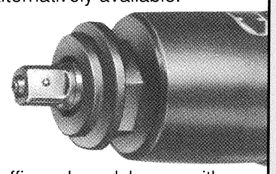
**The populer range of UPT torque control screwdrivers is further enriched with the US-LT60P series for more torque range. This patented air shut-off mechanism offers more postive torque control.**

**Features are:-**

- **External torque adjustment for easy and quick setting of desired torque.**
- **Handle exhaust through a silencer minimizes noise level for quiet working environment.**
- **Three models of different speeds and torque ranges are available with same air motor and adjusting clutches but with different combinations of gears.**
- **Quick-change chuck permits easy and quick replacement of driver bits without any special tool.**
- **Torque reaction bar should be attached for solid support to absorb the reaction when the tool comes to stall.**

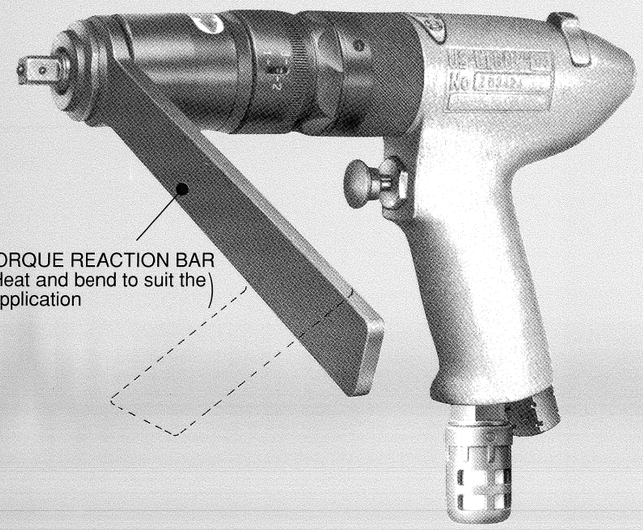



3/8" (9.5mm) Sq. Drive is alternatively available.



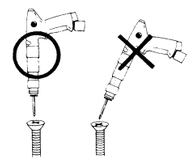
Suffix each model name with (P) as US-LT60P-11 (P)



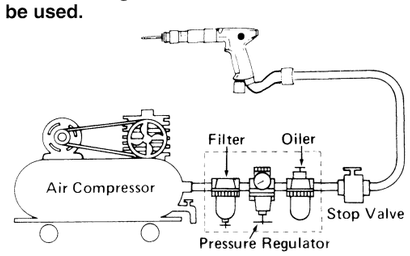

**ATTENTION!** for right torque controlling operation

Titled setting of the tool on the job causes irregular stop.
**Apply the tool to the screw at right angle.**



Fluctuation in air pressure and insufficient lubrication affect torque setting.

**Air control unit including Air Filter, Pressure Regulator and Lubricator should be used.**

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Osaka, Japan

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