

US-3.5, 4&40 SERIES AIR SCREWDRIVERS (Reversible)

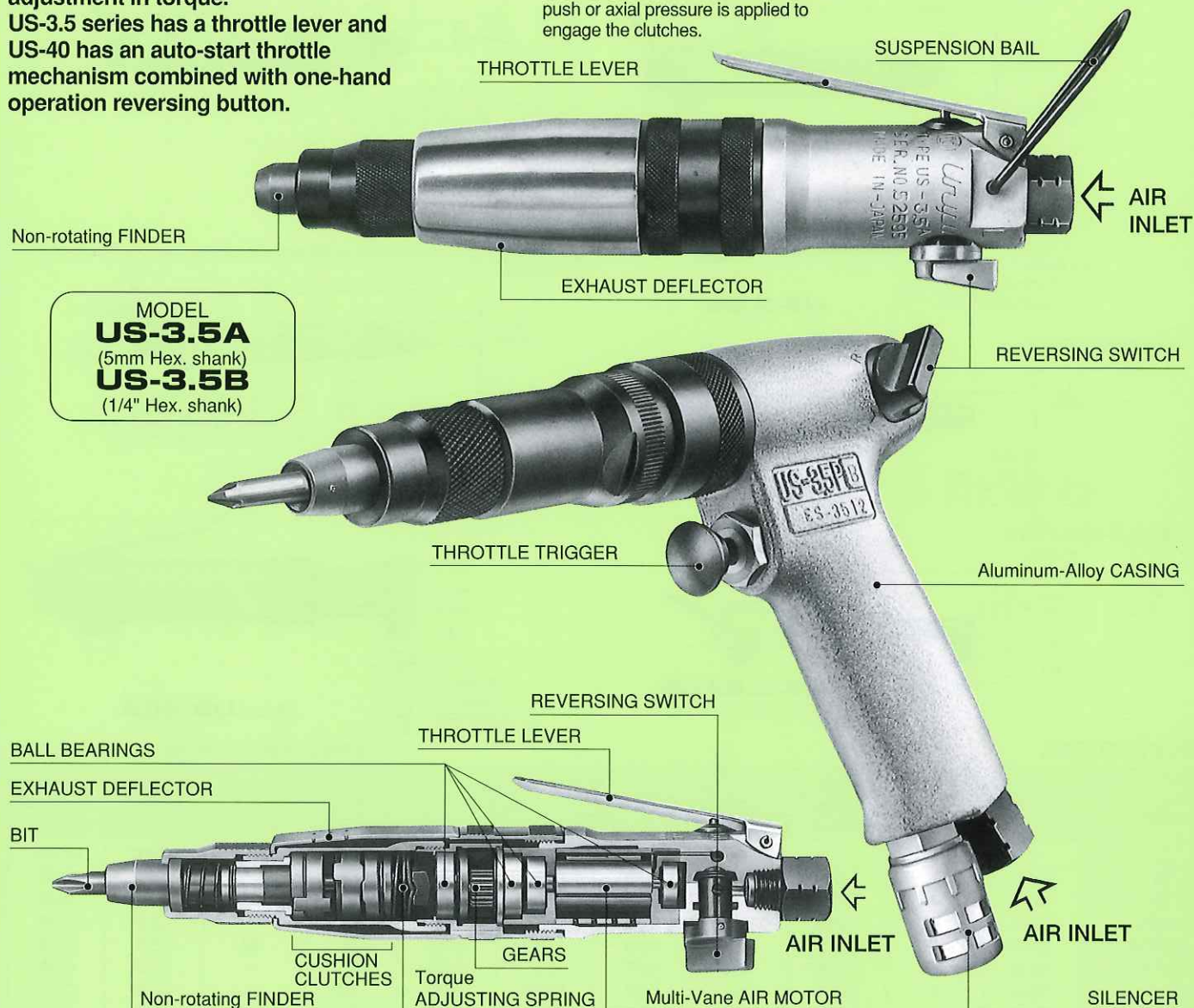
These Cushion Clutch type screw drivers offer silent, smooth and long-life operation.

Adjustable spring tension and choice of the Adjusting Springs permit a wide range of adjustment in torque.

US-3.5 series has a throttle lever and US-40 has an auto-start throttle mechanism combined with one-hand operation reversing button.

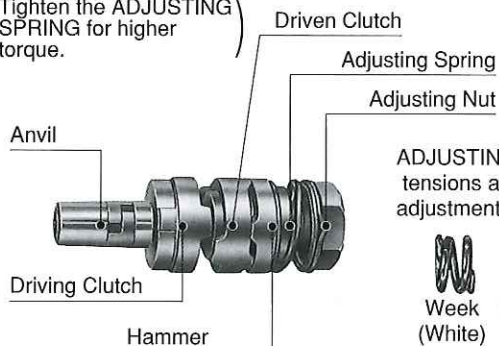
(Lever type Throttle)

Only the air motor starts running when the throttle lever is operated. The screw bit rotates when operator's push or axial pressure is applied to engage the clutches.



MODEL
US-3.5A
(5mm Hex. shank)
US-3.5B
(1/4" Hex. shank)

CUSHION CLUTCH (Tighten the ADJUSTING SPRING for higher torque.)



ADJUSTING SPRINGS of three different tensions are available for wider adjustment of torque.



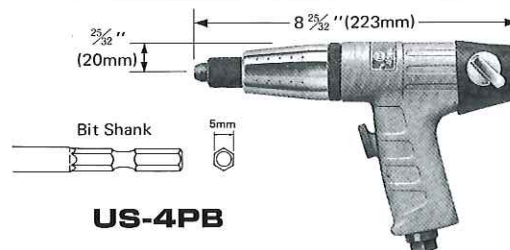
CUSHION CLUTCH consists of three clutches. One of them is held apart by light spring pressure permitting the motor and gears to revolve without rotating the bit until the operator exerts sufficient forward pressure to engage the clutch jaws to the driving clutch jaws. The set of driving clutch jaws, which have slipping faces, is held together by heavier spring pressure.

These driving clutch jaws disengage and ratchet when torque is sufficient to cause the jaws to come apart against the force of the spring. The output torque can be adjusted by turning the adjusting nut to control spring compression or by changing the springs. Light, medium and heavy springs are available.

PISTOL TYPE (Handle Exhaust)

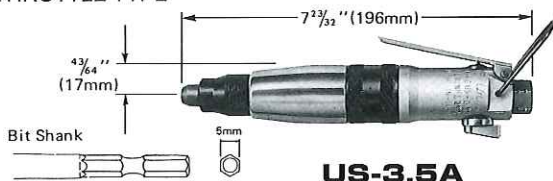


US-3.5PB
(1/4" Hex.)
(Cushion Clutch)



US-4PB

LEVER THROTTLE TYPE



US-3.5A

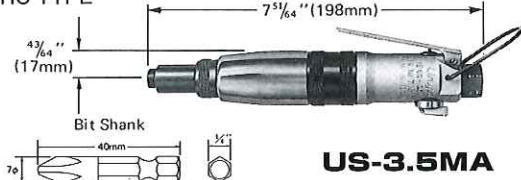


US-3.5B



US-4

MAGNETIC TYPE

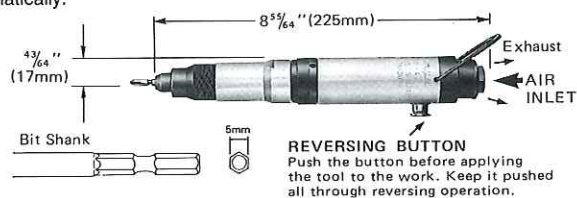


US-3.5MA

AUTO-START TYPE

(Non-Lever type Throttle)

Operator's axial pressure pushes up the operating rod to open the throttle valve automatically.



REVERSING BUTTON

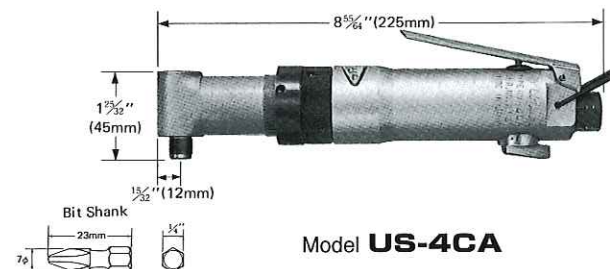
Push the button before applying the tool to the work. Keep it pushed all through reversing operation.

US-40 (5m/m Hex.)

ANGLE-HEAD TYPE



US-3.5ACB
(Reversible)



Model US-4CA

SPECIFICATIONS

※The uncertainty in the sound levels is 3dB(A).

Model	Capacity (Screw Size)		Free Speed (about)	Weight less Bit (about)		Hex. Size of Bit		Sound Pressure Level (L _{PA})	Sound Power Level (L _{WA})	Vibration Total Value (A _{VD})	Vibration Uncertainty (K)
	in.	m/m	r.p.m	lb	kg	in.	m/m	dB (A)	dB (A)	m/sec ²	m/sec ²
US-3.5A	No.8	4	2,000	1.32	0.60	13/64	5.00	75	-	<2.5	0.48
US-3.5B	No.8	4	2,000	1.39	0.63	1/4	6.35	75	-	<2.5	0.48
US-3.5MA	No.8	4	2,000	1.43	0.65	1/4	6.35	75	-	<2.5	0.48
US-3.5ACB	No.8	4	2,000	1.43	0.65	1/4	6.35	85	96	<2.5	0.48
US-3.5PB	No.8	4	2,000	1.65	0.75	1/4	6.35	75	-	<2.5	0.48
US-40	No.8	4	2,200	1.22	0.56	13/64	5.00	70	-	<2.5	0.48
US-4	No.8	4	1,400	2.09	0.95	13/64	5.00	75	-	<2.5	0.48
US-4PB	No.8	4	1,400	2.53	1.15	13/64	5.00	75	-	<2.5	0.48
US-4CA	No.8	4	1,400	2.42	1.10	1/4	6.35	85	96	<2.5	0.48

Standard accessories : Air Hose Nipple, Bits, and tools for disassembly.

*Air Inlet Thread (Pipe Tap): N.P.T 1/4" *Air Hose Size : 1/4" (6.4mm) *Average Air Consumption (about): 7.1ft³/min (0.2m³/min) *Air Pressure : 57psi (0.4MPa)

IMPORTANT!!

- ★ **Air Pressure** :—0.4MPa(57psi) Air Pressure is recommended for the most efficient 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 examples, MOBIL TURBINE OIL #32, SHELL TURBINE OIL #32, and or equivalents.)
- For Gears and Bearings—Spplly recommended high quality Grease properly (for examples, SHELL ALVANIA NO.2, MOBIL PLEX 2 and 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 and 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.
- ★ **Regular Overhaul** :—At least once every three months regular or periodical overhaul by a competent person is needed for best performance and trouble-less operation.

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Claims must be filed only with distributors within ten(10)days from delivery.