

US-5 SERIES AIR SCREWDRIVERS

These Cushion-Clutch type air-driven Screwdrivers are ideal widely for assembly work. The straight type is recommended for bench work, the pistol type for general application, and angle type for hard-to-reach place.

US-5 and US-5PB are convertible into the magnetic type just by changing a few parts.

MODEL
US-5PB
1,400 R.P.M.

Exhaust Deflector

EXHAUST HOLES

THROTTLE TRIGGER

REVERSE LEVER

Rubber PROTECTOR

Aluminum Alloy CASING

SUSPENSION BAIL

AIR INLET

Separable AIR REGULATOR

REVERSE LEVER

THROTTLE LEVER

Aluminum Alloy CASING

EXHAUST DEFLECTOR

Exhaust Holes

Non-rotating FINDER

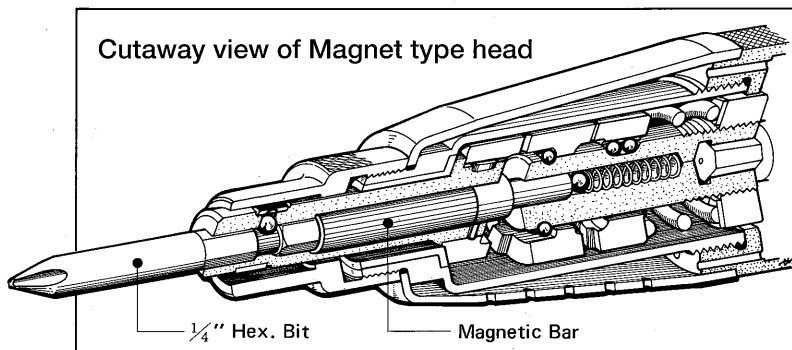
1/4" Hex. Bit (Push in and pull out strongly to exchange)
(Ball-retained)

MODEL
US-5
1,400 R.P.M.

(OPERATION)

Only the Air Motor starts running when the Throttle Lever or Trigger is operated. The screw bit rotates when operator's push or axial pressure is applied to engage the Clutches.

Cutaway view of Magnet type head



1/4" Hex. Bit

Magnetic Bar

CUSHION CLUTCH

(Tight the ADJUSTING SPRING for higher torque.)



ADJUSTING SPRING

ADJUSTING NUT

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



Weak
(White)



Medium
Standard
(Black)



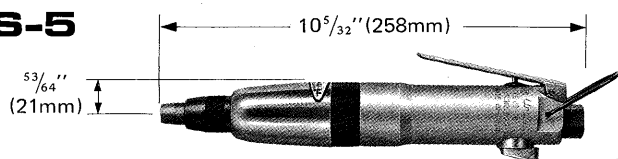
Strong
(Brown)



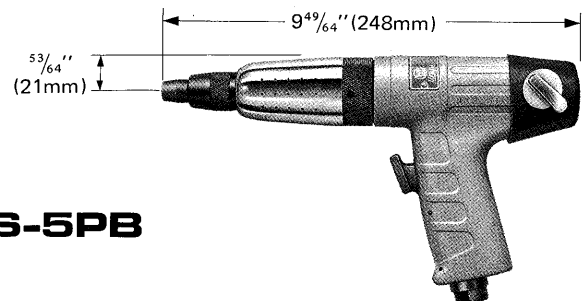
URYU AIR SCREWDRIVERS

(Standard type)

US-5

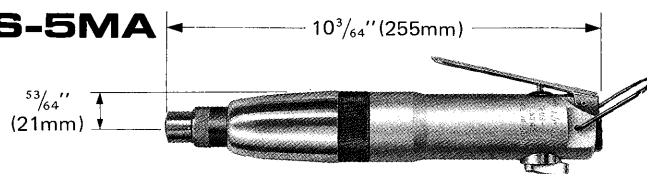


US-5PB

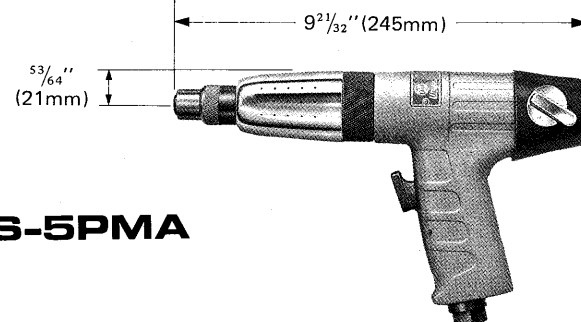


(Magnetic type)

US-5MA

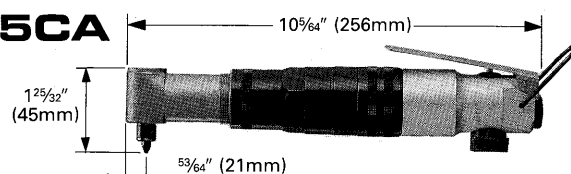


US-5PMA

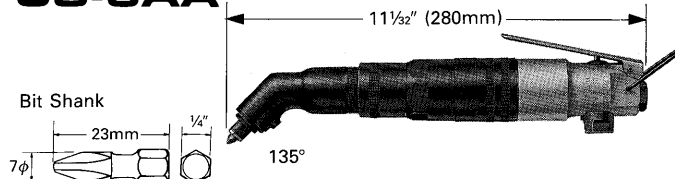


(Angle type)

US-5CA

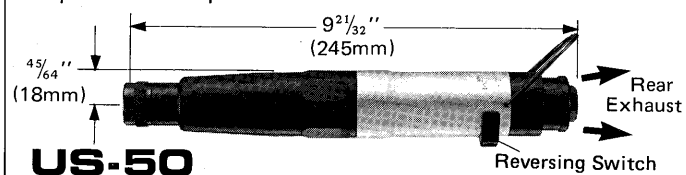


US-5AA

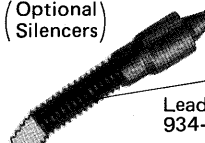


Auto-Throttle type (Non-lever)

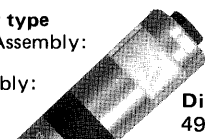
Tool starts automatically when work is engaged by operators axial pressure.



(Optional Silencers)



Piped-away type
Exhaust Hose Assembly:
496-885-1
Leader Hose Assembly:
934-150-0



Direct type
496-088-1

Model	Capacity Screw Size		Free Speed (about)	Weight less Bit (about)		Hex. Size of Bit		Air Inlet Thread (Pipe Tape)	Air Hose Size		Average Air Consumption (about)		Air Pressure	
	in	m/m		lb.	kg	in.	m/m		in.	m/m	ft ³ /min	m ³ /min	MPa	psi
US-5	3/16	5	1,400	2.42	1.10	1/4	6.35	N.P.T. 1/4	1/4	6.4	7.0	0.2	0.4	57
US-5MA	3/16	5	1,400	2.55	1.16	1/4	6.35	N.P.T. 1/4	1/4	6.4	10.7	0.3	0.4	57
US-5PB	3/16	5	1,400	2.86	1.30	1/4	6.35	N.P.T. 1/4	1/4	6.4	7.0	0.2	0.4	57
US-5PMA	3/16	5	1,400	2.97	1.35	1/4	6.35	N.P.T. 1/4	1/4	6.4	10.7	0.3	0.4	57
US-5CA	3/16	5	500	3.08	1.40	1/4	6.35	N.P.T. 1/4	1/4	6.4	10.7	0.3	0.4	57
US-5AA	3/16	5	500	3.08	1.40	1/4	6.35	N.P.T. 1/4	1/4	6.4	7.0	0.2	0.4	57
US-50	3/16	5	1,250	1.98	0.90	1/4	6.35	N.P.T. 1/4	1/4	6.4	10.7	0.3	0.4	57

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 Oiler every before and after operation. (For example MOBIL TURBINE OIL #32, SHELL TURBINE OIL #32, and or equivalent.)

For Gears and Bearings – Supply recommended high quality Grease properly (for examples, SHELL ALVANIA NO.2, MOBILPLEX 2, 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 – Regular overhaul of once every three months is recommended to keep sufficient performance and to prevent trouble.

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