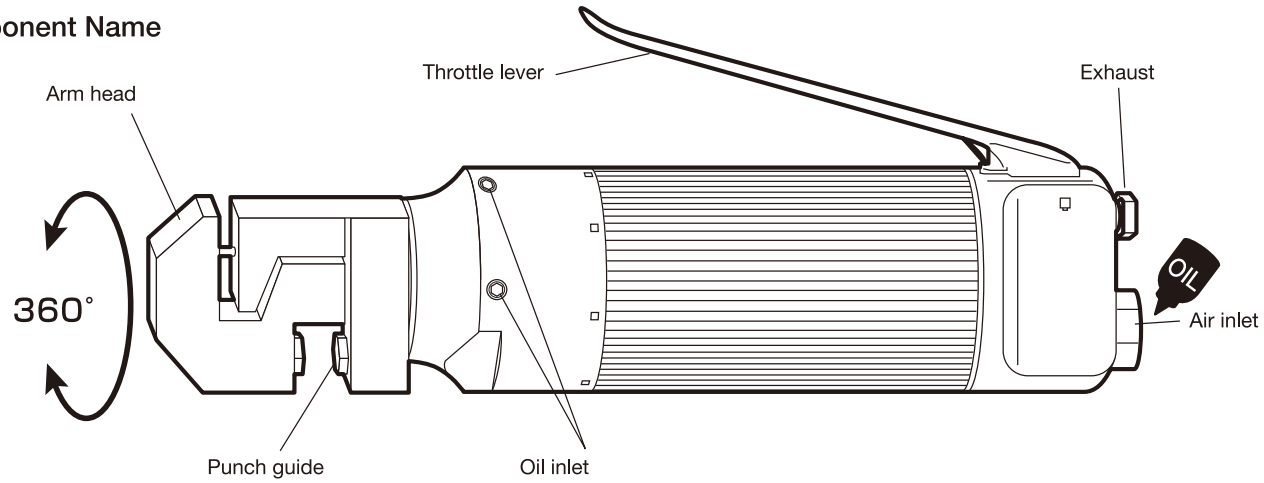
SI-4800

PNEUMATIC TOOLS SHINANO INC.

INSTRUCTION MANUAL FOR HYDRO PUNCHER

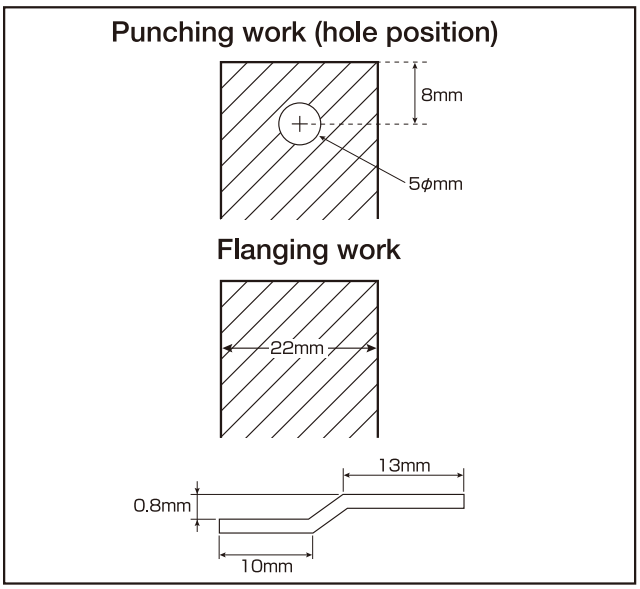
Component Name



Accessories:4mm Allen Wrench (1) ／Safety Instructions (1)

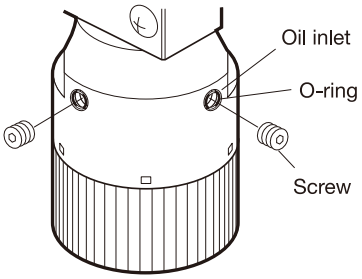
Operation Procedures

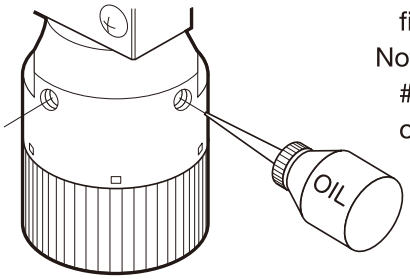
1.Connect a coupler in the air inlet of the motor housing. The arm head can rotate in the 360 degree range.
2.Pour approx. 5cc (2 to 3 drops) of the oil through the installed coupler, and do idling run for 3 to 5 seconds.
3.Determine the position according to servicing points.
4.Pull the throttle lever, and the tool will operate. Release it to stop thee operation.



How to inject hydraulic oil

If the tool power is down during punching work or flanging work, the failure may almost cause due to oil shortage. Supply oil according to the procedures as shown below.





1.First, remove the air hose.
2.Remove two screws at the oil inlet in the head of the body, using the 3mm Hex. wrench.
Note: To remove the screws, be careful not to miss the O-ring.
3.Then, supply oil from either oil inlet so as to fill up the tank.

Note: Be sure to employ #30 to #40 hydraulic oil.

Punching cap	Cutting cap mm/(in.)	Weight kg(lb)	Avg.Air Consumption CFM	Air Inlet Size in.	Hose Size mm/(in.)
ϕ5×1.2mm	1.2/(3/64)	1.01/(2.23)	1.3	1/4	10/(3/8)

⚠ Caution for Operation

- The air tool is a very precious tool. Be careful not to drag or drop the air tool as much as possible.
- Avoid idling run of the air tool for a long time.
- Avoid overloading operation, because it is dangerous to use the air tool beyond the capability.
- Open the tool within the air pressure 0.63MPa(6.5/cm2).If operated in hight pressure,the maximum allowance speed will be exceeded, which may result in samage of components.