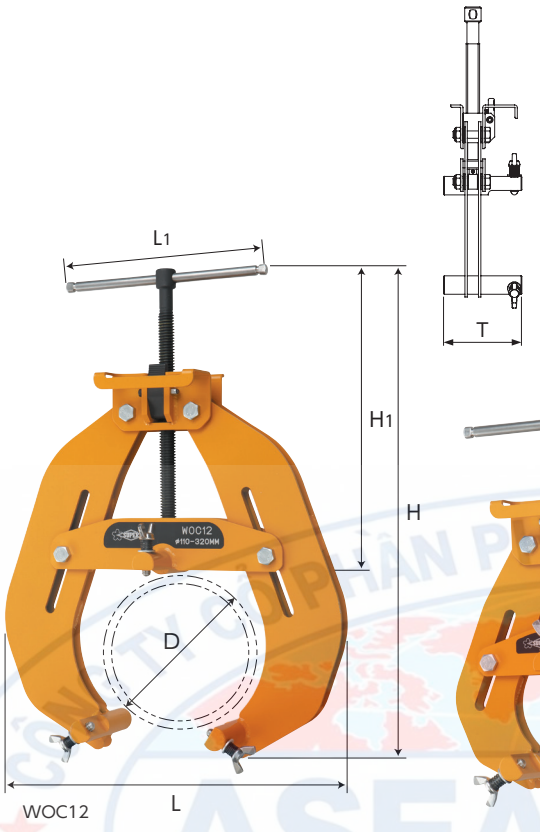
WOC

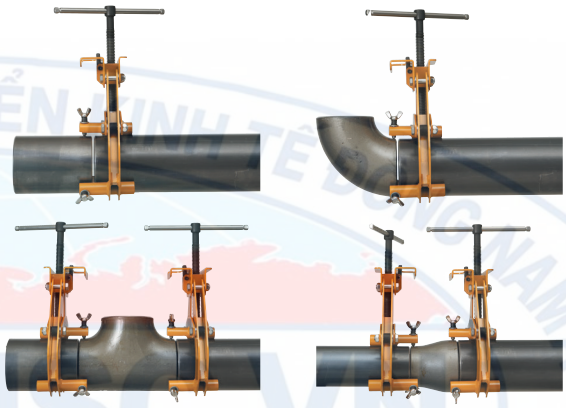
PIPE WELDING CLAMP "BRIDGE"

▶ Features

- Pipe fixing and centering can be done by anyone with easy one-touch operation.
- The body tightening screw has a quick turning mechanism enabling quick attaching and detaching.
- The parts in contact with the pipes are in stainless steel, so it can be used for both steel pipe and stainless pipe.
- No need for temporary welding with piece or for finish grinding.
- The base material prevents scratch and defect.



▶ Example of use



1 Loosen the wing bolts (3 spots). (Fig.1)

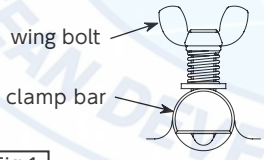


Fig.1

2 Open the claws of the pipe welding external clamp. Hold the grip and lift up the handle to open the claw by keeping pressing the fast-forward lever (Photo1) (Fig.2).



Photo1

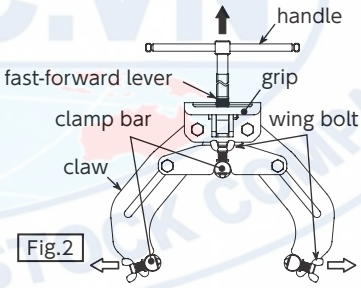


Fig.2

3 Keep open the claws, place them on the main pipe at the appropriate position and fix by tightening the handle. (Fig.3)

* Here, when you lift up the grip while pressing the fast-forward lever (photo2), the claws will close quickly.

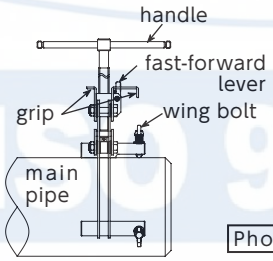


Fig.3



Photo2

4 Tighten the wing bolts (3 spots) until they touch the main pipe. (Fig.4)

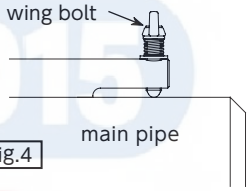


Fig.4

5 Loosen the handle, move the pipe welding external clamp to the end of the main pipe, and tighten the handle to fix firmly the clamp on the main pipe. (Fig.5)

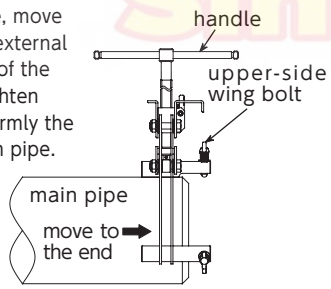


Fig.5

6 Loosen only the upper-side wing bolt (by turning about 1-2 times).

7 Insert the pipe or the pipe fitting (elbow, flange, etc.) to be welded between the clamp bars and fix it to the main pipe by tightening the upper-side wing bolt. (Fig.6)

* In case the centers are not aligned, further adjustment is to be made at the other wing bolts.
* In case a groove clearance is required, secure the indicated clearance and then fix the pipe or the pipe fitting.

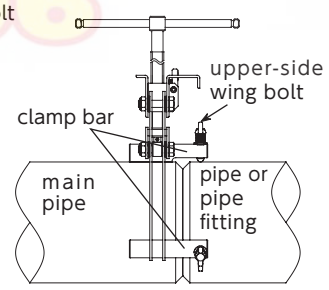


Fig.6

8 Tack weld the pipe or the pipe fitting.

9 Detach the pipe welding external clamp. Hold the grip and loosen the handle. Lift up the handle while pressing the fast-forward lever (Photo1). Then the claws will open quickly.

Item No.	Applicable pipe		Size(mm)					N.W. (kg)
	Size name	External diameter D	L	L1	H	H1	T	
WOC6	1～ 6B	34～170	219～335	230	314～403	255	105	5.2
WOC12	4～12B	110～320	348～525		448～568	322		7.9