



Press Fittings for Light Gauge Stainless Steel tubes for ordinary piping

MOLCOJOINT™

Structure

Inserting the pipe to be joined to an appropriate position and pressing it with a special pressing tool provides uniform and sufficient strength and water-tightness.

Features

- **Human-friendly**

Our corrosion-free stainless steel fittings meet severest hygiene requirements, used at various facilities such as schools and hospitals.

- **Eco-friendly**

Not only the CO2 emission during the manufacturing process is very low, the recycling rate is higher than 80%.

- **Highly durable**

Once installed, the piping system has the service life span as long as that of the facility itself, enabling you to reduce the maintenance cost.

BENKAN Corporation

BENKAN Molco Joint Instruction Procedure

1



Cutting pipes

Please use a tube cutter when cutting the pipe. If outer burrs occur, remove them adequately with a burr removal tool, such as a reamer or file.

*Any remaining outer burr may damage the rubber ring, resulting in water leakage.

2



Insertion length marking

Use the special insertion length marker.

*Note that water leakage is not covered by the warranty if no line mark is present.

3

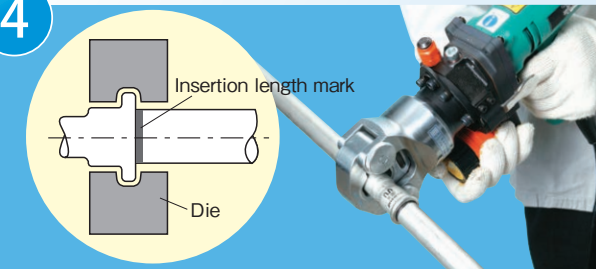


Insertion the pipe into the marked insertion length

Insert the pipe paying careful attention not to damage the rubber ring attached to the joint.

*Confirm that the pipe is inserted up to the line mark.

4



Pressing

Press with a special fastening tool authorized by BENKAN Corporation.

*Check the following:

- (1) The position of the line mark must be appropriate.
- (2) The curled section of the joint that the rubber ring is attached to must be set to the gutter of the die (jaw) of the special fastening tool.

5



Checking pressing dimensions

With a hexagonal gauge, check that the joint is correctly pressed. Make sure to confirm it in order to check for any defects in the special fastening tools.

*Confirm that the line mark is within 3 mm from the end.

Items (example)

PRODUCT / SIZE	PRODUCT / SIZE	PRODUCT / SIZE	PRODUCT / SIZE
90SE 15	T 15	ASM 15 × 1/2	WTS 15 × 1/2
90SE 22	T 22	ASM 22 × 3/4	WTS 22 × 1/2
90SE 28	T 22 × 15	ASM 28 × 1	WTS 28 × 1/2
90E 15	T 28	ASF 15 × 1/2	WTE 15 × 1/2
90E 22	T 28 × 15	ASF 22 × 3/4	WTE 22 × 1/2
90E 28	T 28 × 22	ASF 28 × 1	WTES 15 × 1/2
45E 15	R 22 × 15	BS 15	WTES 22 × 1/2
45E 22	R 28 × 15	BS 22	
45E 28	R 28 × 22	BS 28	
UC 22 × 1	S 15	C 15	
UC 22 × 1 1/4	S 22	C 22	
	S 28	C 28	

Product Examples



BENKAN Corporation

Overseas Sales Section

3-1-18 Nishinagasucho, Amagasaki-City, Hyogo-Pref, 6600805, Japan

TEL: +81-(0)6-6482-1856 / FAX: +81-(0)6-6482-1843

URL: <http://www.benkan.com/en>