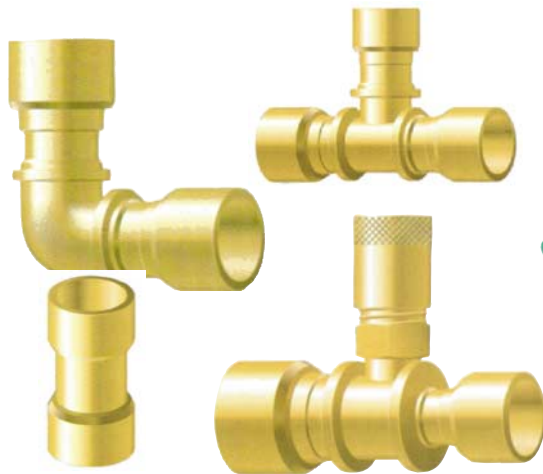


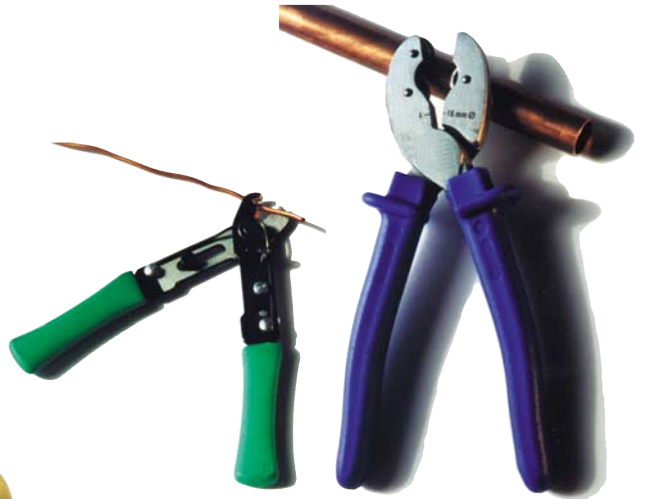
*Supco*

# LOKRING

## FOR A/C AND REFRIGERATION APPLICATIONS



**LOKRING TEES**, Elbows, High and Low Pressure ports in brass for a copper and steel connections. Popular sizes in union and reducing fittings from 7/8" (1.6mm to 22mm)



**THE LOKRING CAPILLARY CUTTER** cuts all Capillary tubes up to 1/8" diameter. One Cut – No Blockage!

**THE 120° TUBE CUTTER** is guaranteed for thousands of cuts. Perfect for confined spaces. Cuts tubing 3/16" – 5/8" diameter.

## FOR AUTOMOTIVE APPLICATIONS



### LOKRING HOSE-LOK

For hose to tube connections, Hose-LOK combines the extremely reliable modified P90 barbed beadlock with LOKRING Technology. Crimp Hose-LOK to your Goodyear or Dayco hose and join the LOKRING Connector to aluminum tube.

### LOKRING SERVICE TEE



### LOKRING TUBE-LOK

All the features of Hose-LOK -- **Plus Step Sizes!** Match a Tube-LOK fitting with a LOKRING Reducing Connector to create custom hose-to-tube connections in minutes with no soldering.

**FAST, RELIABLE, AND NEAT!**  
**FOR HOSE No. 6, 8, 10, AND 12**

LOKRING Service Tees for recharging and servicing R134a A/C systems. Available for high or low pressure applications, LOKRING Service Tees install quickly with the standard LOKRING Assembly Tool.

**LOKRING, FOR OEM QUALITY CONNECTIONS.**

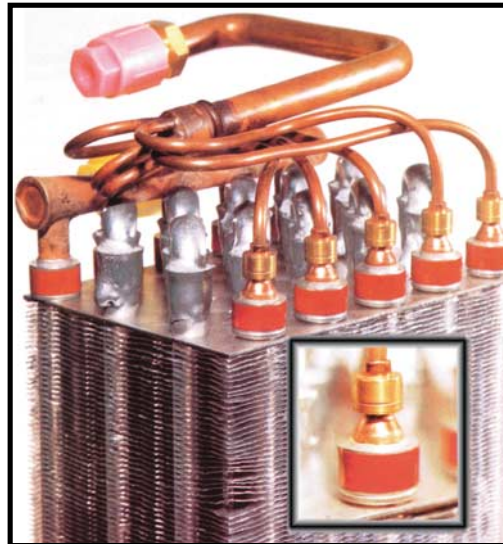
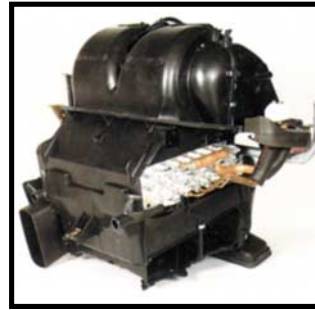
**SEALED UNIT PARTS CO., INC.**

PO Box 21 • 2230 LANDMARK PLACE • ALLENWOOD • NJ 08720 USA  
TEL. (732) 223-6644 • <http://www.supco.com> • FAX (732) 223-1617

# LOKRING...

QUICK ■ RELIABLE ■ SOLDERLESS

*Supco*



## THE CLEAN, COLD CONNECTION.

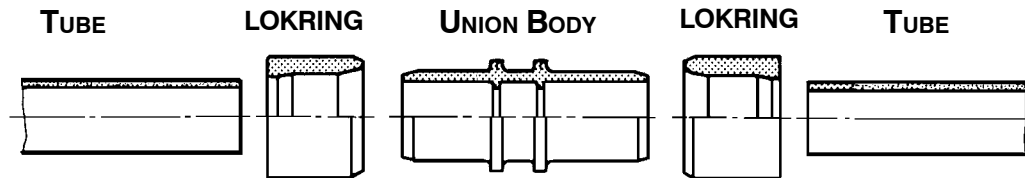
LOKRING SYSTEM FOR SOLDERLESS TUBE-TO-TUBE AND HOSE-TO-TUBE CONNECTIONS FOR REFRIGERATION, A/C, AND AUTOMOTIVE A/C SYSTEMS.

# THE UNIQUE, PATENTED LOKRING TECHNOLOGY

DEVELOPED FOR THE AEROSPACE INDUSTRY, the patented **LOKRING** System has been field-proven in millions of refrigeration and air-conditioning installations since the 1970s. **LOKRING** is the system of choice for appliance manufacturers and service technicians.

- **INTEGRITY** - Independent tests prove that a **LOKRING** connection is 4 times stronger than a soldered joint.
- **VERSATILITY** - Make direct transitions from one tube size to another using reducers or tee connections.
- **FLEXIBILITY** - Use **LOKRING** Connectors to join tube sizes from 1/16" (1.6mm) to 7/8" (22mm). And **LOKRING** allows connections between same or dissimilar metal materials. (See list below.)

- **SIMPLICITY** - The **LOKRING** System requires no special training. Service technicians can quickly learn to make flawless **LOKRING** Connections.
- **SAFETY** - **LOKRING** is a cold connection. There is no danger of torch damage to components or toxic fumes from refrigerant breakdown.
- **CLEAN** - Unlike brazing, **LOKRING** eliminates any chance of system contamination.
- **RELIABLE** - **LOKRING** Tube Connectors have been proven by independent test laboratories to withstand pressure up to 3000 PSI and operating temperatures from -58°F (-50°C) to +302°F (+150°C).



A **LOKRING** Tube Connector consists of two **LOKRINGS** pre-fitted on a union body. When the connection is made, the **LOKRINGS** are driven together over the union in such a way that the internal profile of the **LOKRING** exerts an inward radial pressure against the union body and the tubes being joined. This forms a metal-to-metal hermetic seal without any measurable pressure drop.

works against the inward radial force of the **LOKRING**. The **LOKRING** connection is in a state of equilibrium and resistant to pressure, vibration, and thermal cycling.

The elastic strain preload on the **LOKRING** caused by the outward radial force of the tube and the union body

#### LOKRING CONNECTOR

- Aluminum
- Aluminum
- Aluminum
- Brass
- Brass
- Brass

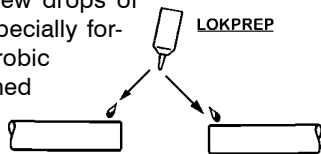
#### TUBE MATERIAL

- Aluminum - Aluminum
- Aluminum - Copper
- Aluminum - Steel
- Copper - Copper
- Copper - Steel
- Steel - Steel

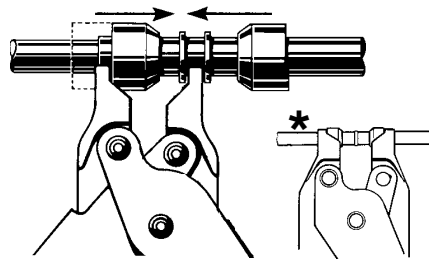
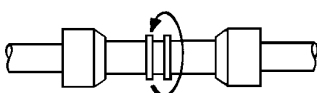
## To MAKE A LOKRING 50 CONNECTION:

**1.** Deburr tube ends and remove paint, oil and other debris with 3M ScotchBrite or fine emery cloth.

**2.** Apply a few drops of **LOKPREP**, a specially formulated anaerobic sealant designed to fill surface scratches.



Insert a tube end into the **LOKRING** Connector up to the internal stop. Rotate the connector 360° to distribute **LOKPREP** evenly.



**3.** Set the **LOKRING** Connector in the open jaws of the Assembly Tool. (\*The entire 00 Connector will fit within the jaws.) Ratchet the handle of the Assembly Tool until the **LOKRING** is driven to the external stop ring. Repeat for the other side. The connection can be pressurized within minutes.

#### LOKRING ASSEMBLY JAWS

TUBE SIZE	JAW SIZE
up to 5/16" (8mm)	MB 8 EVP
3/8" (9-11mm)	MB 10 EVP
1/2" (11-13mm)	MB 12 EVP
5/8" (14-16mm)	MB 16 EVP
3/4" (18-19mm)	MB 19 EVP
7/8" (20-22mm)	MB 22 EVP

# LOKRING CONNECTORS

## FOR COOL APPLICATIONS



### LOKRING UNION CONNECTORS

ALUMINUM FOR AL/AL, AL/CU, AL/ST

BRASS FOR CU/CU, CU/ST, ST/ST

#### SAVE TIME AND MONEY. ELIMINATE WELDING.

Join tube in seconds with LOKRING Connectors and reduce downtime. New LOKRING 50 Connectors, in larger sizes, allow connections to be made in two steps. Assemble the system at the workbench and make the final connections on the vehicle or appliance.

LOKRING, for OEM quality connections.



	1.6	1.8	2	2.2	2.5	3	3.2	3.5	4	5	6	6.5	7	7.5	8	9	9.53	10	11	12	13	14	15	16	18	19	
Alum. 00	22	●	●	●	●	●	●	●	●	●	●	●	●	●													
Alum. 50																○	○	○	○	○	○	○	○	○	○	○	○
Brass 00	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○												
Brass 50															○	○	○	○	○	○	○	○	○	○	○	○	○

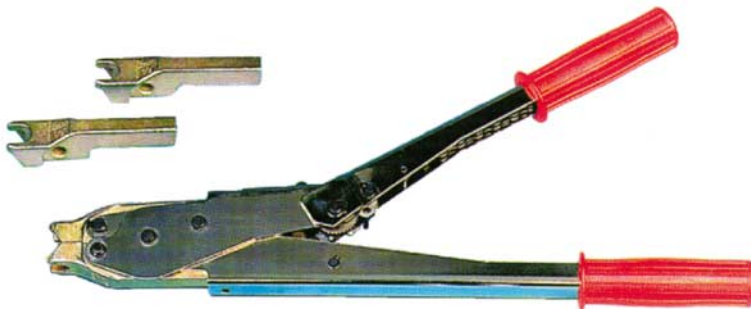
### LOKRING REDUCING CONNECTORS

ALUMINUM FOR AL/AL, AL/CU, AL/ST

BRASS FOR CU/CU, CU/ST, ST/ST



**NEED STEP SIZES?** Trying to connect a 1/2" tube to a 5/8" tube? LOKRING Reducing Connectors are the answer for neat, clean transitions between sizes. **Over 200 sizes.** Use with LOKRING Tube-LOK Connectors for hose-to-tube connections.



**ONE ASSEMBLY TOOL** for most sizes. Interchangeable jaws are sized to match tube diameters. The Assembly Tool is recommended for fittings to 5/8" (16mm) and use the Heavy-Duty Tool for larger fittings to 7/8" (22mm).

LOKRING CONVERSIONS	
TUBE SIZE (OD)	LOKRING SIZE
3/16"	5mm
1/4"	6mm
5/16"	8 mm
3/8"	9.53 mm
1/2"	13 mm
5/8"	16 mm
3/4"	19 mm
7/8"	22 mm

#### USE LOKPREP FOR ALL LOKRING CONNECTIONS.

LOKPREP fills surface scratches to ensure a leak proof seal that lasts.



LOKRING, for OEM and After Sales Service, used by General Motors, Behr, Valeo, Modine, General Electric, Signet Systems and many more.