

Copper-to-Copper M Series Braze-on Service Valves



The M Series is the first and best braze-on, self-piercing copper saddle valve. It is widely used and easily installed on a charged line. After brazing the saddle portion onto line, the steel pin with valve core penetrates the line and is locked into place simply by tightening the cap. Available in sizes ranging from 1/4" to 1-1/8".

INSTRUCTIONS

1. Prepare line and clean tube. Remove cap and pin. Flux or solder paste saddle and install on line. Heat and braze copper saddle.
2. Let cool and pressure test braze, if desired. Insert pin with PTFE o-ring into body. Put on cap and tighten with wrench on body to avoid breaking braze joint. As cap is tightened, steel pin penetrates tubing.
3. Last turn crimps brass edge over top of pin for secure fit and forming flared end. Remove cap, and fitting is ready to use. If complete penetration is not made, put cap back on and tighten further.
4. When work is complete, replace cap, wrench tight for permanent use or install new cap with neoprene o-ring, thumb tight.

Part No.	BAG QTY	Description	
CD5512	4	Copper saddle for 1/2" line	
CD5518	2	Copper saddle for 1-1/8" line	
CD5534	2	Copper saddle for 3/4" line	
CD5516	6	Copper saddle for 5/16" line	
CD5558	3	Copper saddle for 5/8" line	
CD5578	3	Copper saddle for 7/8" line	
CD5514	6	Copper saddle for 1/4" line	
CD5538	6	Copper saddle for 3/8" line	

Brass-to-Brass Bot Stinger Braze-on Service Valves

- Valve core and cap
- Plated steel body – CDA 360 brass saddle
- Four-way seal between body and saddle

INSTALLATION INSTRUCTIONS

1. Press saddle onto line firmly (use pliers)
2. Apply flux and braze to line
3. Allow to cool
4. Screw body with core into saddle
5. Evacuate and charge system
6. Replace cap

Brass-to-Brass Bot Stinger		
Part No.	BAG QTY	Description
CD2814	6	Brass saddle for 1/4" line
CD2816	6	Brass saddle for 5/16" line
CD2838	6	Brass saddle for 3/8" line
CD2812	4	Brass saddle for 1/2" line
CD2834	2	Brass saddle for 3/4" line
CD2878	2	Brass saddle for 7/8" line
CD2818	2	Brass saddle for 1-1/8" line

