



# SharkBite® Loose Key Stops

## DESCRIPTION

The SharkBite Loose Key Stops allow the user to connect supply lines to fixtures and appliances with the speed and convenience of push-fit connections to the final phase of your plumbing projects.

## FEATURES AND BENEFITS

Instant push-fit connection for increased ease-of use:  
*No soldering, clamps, unions, or glue required.*

Fittings certified to 200 PSI and 200°F (93°C):  
*Proven durability and quality.*

Fits copper tubing, CTS CPVC, and PEX pipe:  
*Connects all three types in any combination.*

Integral tube liner for PEX installations:  
*Means no loose components and ensures a secure, reliable connection.*

Removable key included to shut off the flow of water:  
*Prevents unwanted tampering.*

Designed and certified to ASSE 1061, ASME A112.18.1-2012/CSA B125.1-12, NSF/ANSI 61-2011, and NSF/ANSI 372-2010 product standards:  
*Quality engineered and manufactured.*

## SPECIFICATION

The tube shall be inserted into the SharkBite® push-fit fitting in the first stage through a release collar and then through a stainless steel grab ring. The grab ring has teeth that open out and grip onto the tube. At the second stage the tube shall be pushed through an O-ring protector which aligns the tube. A specially formulated EPDM O-ring shall be compressed between the wall of the fitting and the tube before the end of the tube reaches the tube stop. Only when the tube has passed through the O-ring and reached the tube stop shall a secure joint be created. The fitting shall be a SharkBite® push-fit fitting.

24731LF



24732LF



24733LF



24734LF





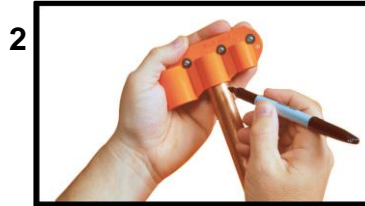
# SharkBite® Loose Key Stops

## TYPICAL INSTALLATION

### Connecting a joint:



1 Cut the pipe square and even. Ensure the pipe is free from damage.



2 Using the SharkBite Depth & Deburr tool, bevel the edge of the pipe to remove any burrs. Mark the pipe for the proper insertion depth.



3 Push the pipe in the fitting, ensuring the collar of the fitting rests against the mark made on the pipe.

### Disconnecting a joint:



To disconnect a fitting, push the disconnect clip against the release collar. While pushing against the release collar, remove the pipe from the fitting.

## SPECIFICATION DATA

### Performance:

Maximum Working Pressure..... 200 PSI  
Maximum Temperature..... 200°F  
Service..... Potable water & hydronic heating water distribution

### Materials:

Body..... Lead Free DZR Brass  
O-ring..... EPDM  
Grab Ring..... Stainless Steel Grade 316  
Tube Support Liner..... Polysulfone

### Finish:

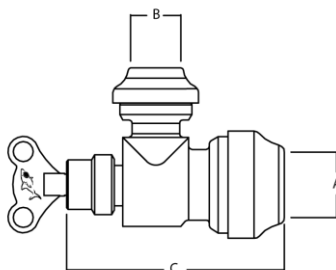
Chrome Plated



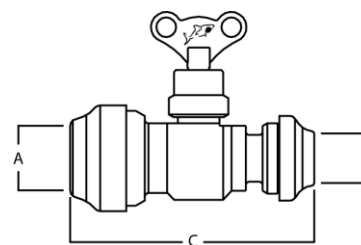
The chrome trim cap can be removed and reversed for use as a handy disconnect tool. Use like a disconnect clip to press against the fitting collar and release the pipe.

## CERTIFICATIONS

The SharkBite® push-fit fittings have been designed, certified and listed to ASSE 1061, ASME A112.18.1-2012/CSA B125.1-12, NSF/ANSI 61-2011, and NSF/ANSI 372-2010. The SharkBite® push-fit fittings are listed by IAPMO and are certified for potable and hydronic heating water distribution (note: Glycol mixture for hydronics is allowable up to a 100% concentration). The SharkBite® push-fit fittings have been certified for underground applications as a manufactured joint without access panels and they meet UPC, IPC and cUPC requirements. The SharkBite push-fit fittings can be used with the following materials: PEX tubing complying with ASTM F 876 or CSA B137.5, copper tubing hard drawn Type K, L and M and annealed Type M not to exceed 3/8" nominal, complying with ASTM B88, and CPVC tubing complying with ASTM D 2846 or CSA B137.6.



Item	A	B	C
24371LF	1/2"	3/8" Compression	2.41
24733LF	1/2"	1/4" (3/8" OD)	2.41



Item	A	B	C
24372LF	1/2"	3/8" Compression	2.49
24734LF	1/2"	1/4" (3/8" OD)	2.69