# BRACKETING SYSTEM

>> **525 SERIES**　　　　　　　**StrongArm™ with LockBlock™**

## SPECIFICATION

Sioux Chief 525 series StrongArm™ with LockBlock™ bracketing system shall be used where necessary for securing CTS stub outs when penetrating a wall. Bracket shall be corrosion resistant with twisted ends to mount to the surface of a wood or metal stud wall. System shall include approved hardware. System shall include slideable, plastic block device to position and secure CTS stub out at any desired location within the stud cavity. When screws on blocks are tightened, compression of blocks prevents lateral movement on brackets and simultaneously compresses on tube to prevent stub out movement. LockBlocks™ shall be compatible with copper, CPVC, or PEX tube.  System shall be IAPMO certified.



525-1612

## INSTALLATION

Determine stub out height. Secure top bracket to stud. Slide blocks across bracket to desired stub out location. Install stub out or stub out elbow in block. Tighten screws in each block. Bend ends of bottom bracket down as close as possible to block and secure to studs. Optional installations include keeping brackets parallel, or bending brackets on only one side in opposite directions from each other.



## MATERIALS

**Brackets:** 16 gauge galvanized steel
**Standard (black) blocks:** ABS
**Screw:** #6 × 1" coarse thread, zinc-plated

## SAFE WORKING LOAD*
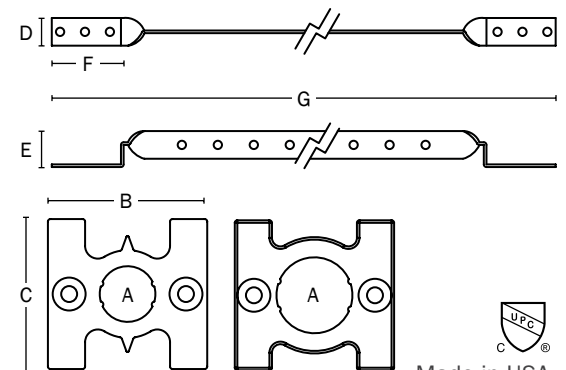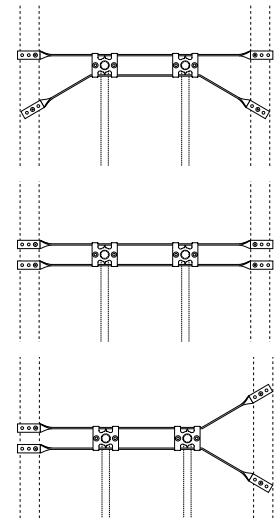
25 lbs. at 140°F
*safe working load = ½ failure

## DIMENSIONS



|  | LockBlock | For ½" CTS | For ¾" CTS | For 1" CTS |
|---|---|---|---|---|
| A: | diameter | ⅝ " | ⅞ " | 1 ⅛ " |
| B: | width | ⅞ " | ⅞ " | 2¼" |
| C: | height | 1¾" | 1¾" | 1¾" |

|  | StrongArm | For 16" stud | For 24" stud |
|---|---|---|---|
| D: | depth | ⅝ " | ⅝ " |
| E: | offset | ½" | ½" |
| F: | mounting tab | 1½" | 1½" |
| G: | overall length | 17¼" | 25¼" |

Made in USA

## Create Item Number

### 525-ABC

**e.g. 525-1623:** 16" StrongArm bracket with two ¾" LockBlocks.

**LENGTH A**
**16** = 16" stud bay
**24** = 24" stud bay

**NUMBER OF BLOCKS B**
**1** = one block
**2** = two blocks

**SIZE OF BLOCKS C**
**2** = for ½" supply
**3** = for ¾" supply
**4** = for 1" supply

**INDIVIDUAL COMPONENTS**
**525-16T** = twisted StrongArm bracket for 16" bay
**525-24T** = twisted StrongArm bracket for 24" bay
**525-B2** = LockBlock for ½" supply
**525-B3** = LockBlock for ¾" supply
**525-B4** = LockBlock for 1" supply