

BRACKETING SYSTEM

» 525 SERIES

StrongArm™ with LockBlock™

SPECIFICATION

Sioux Chief 525 series StrongArm with LockBlock pre-assembled bracketing system shall be used where necessary for securing CTS water supply stub outs when penetrating a wall. Bracket shall be corrosion resistant with twisted ends to mount to the surface either a wood or metal stud wall. System shall include approved hardware for fastening brackets to stud wall. System shall include slideable, plastic block device to position and secure CTS stub out at any desired location. Each block shall include two screws for tightening. 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. Optional flame-rated blocks comply to UL94-VO standards.

MATERIALS

- Brackets:** 16 gauge galvanized steel
- Standard (black) blocks:** ABS
- Flame-rated (red) blocks:** hard PVC (meets UL94-VO requirements)
- Screw:** #6 × 1" coarse thread, zinc-plated

SAFE WORKING LOAD*

25 lbs. at 140°F

*safe working load = ½ failure

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 each screw on each block to secure stub out and prevent lateral movement on brackets. Bend ends of bottom bracket down as close as possible to block. Secure each end to stud. Optional installations include keeping brackets parallel, or bending brackets on only one side in opposite directions from each other.

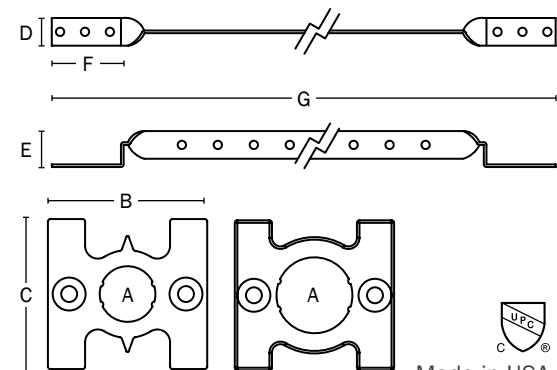
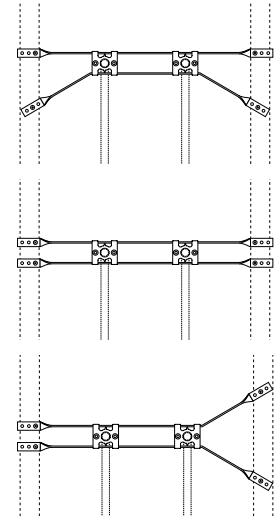
DIMENSIONS

	LockBlock	for ½" CTS	for ¾" CTS	for 1" CTS
A: diameter		5/8"	7/8"	1 1/8"
B: width		7/8"	7/8"	2 1/4"
C: height		1 3/4"	1 3/4"	1 3/4"
	StrongArm	16" stud bay	24" stud bay	
D: depth		5/8"	5/8"	
E: offset		1/2"	1/2"	
F: mounting tab		1 1/2"	1 1/2"	
G: overall length		17 1/4"	25 1/4"	

ITEM # SUBMITTED	_____
JOB NAME	_____
LOCATION	_____
ENGINEER	_____
CONTRACTOR	_____
PO#	_____ TAG _____



525-1612



Create Item Number

525-ABCD

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

FLAME-RATED BLOCKS D

- _ = none
- R = UL-94 VO flame rated

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

INDIVIDUAL COMPONENTS (CONT.)

- 525-B2R** = flame-rated LockBlock for ½" supply
- 525-B3R** = flame-rated LockBlock for ¾" supply
- 525-B4R** = flame-rated LockBlock for 1" supply

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