

# ACOUSTICAL UNIVERSAL BRACKETING SYSTEM

## 523-16Q and 523-24Q SERIES

PipeDown™ PowerBar™

### SPECIFICATION

Sioux Chief's 523-16Q and 523-24Q Series PowerBar™ universal bracketing system shall be used where necessary for supporting pipe or stub outs when job specifications call for products with acoustical properties to help reduce noise levels in residential and commercial applications. Brackets shall be corrosion resistant and adjust telescopically to fit stud/joist cavities and have dual fastening tabs on each end. Variable clamping tension allows for thermal expansion and contraction on pipe or tube ranging from 3/8" to 1 1/8" OD. Pilot holes shall be provided on three sides of the bracket measuring .1". Bracket shall include UV-resistant adjustable Touchdown™ clamps with elastomer inserts for securing and supporting tube, pipe, plastic or steel conduit. Bracketing system shall be compatible with copper, PEX and CPVC and IAPMO certified.

### INSTALLATION

Adjust bracket telescopically to fit between studs or joists and maintain a minimum overlap of 2" in center. Fasten all four tabs to building member with screws (provided). Slide clamps to position. Place tube between posts. Insert small noise block into bridge. Ratchet bridge evenly over both posts. Bow the bridge to prevent lateral movement. Fastening one bracket section directly to the building structure as a pipe organizer is acceptable.

### MATERIALS

**Bracket:** 20-ga. galvanized steel

**Channel clamp and bridge:** nylon 66, UL-94 V2

**Clamp insert:** TPE

**Screws:** #8 x 1" Phillips, panhead drill-tip, zinc-plated

### SAFE WORKING LOAD\*

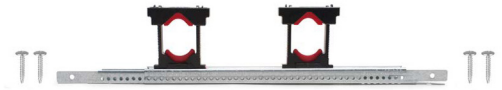
523-16Q Series		523-24Q Series		Channel clamps Temp.	Safe load
Bracket span	Safe load	Bracket span	Safe load		
9"	90 lbs.	14"	150 lbs.	-10°–130°F	70 lbs.
12"	82 lbs.	17"	115 lbs.	131°–179°F	38 lbs.
15"	55 lbs.	21"	80 lbs.	180°–220°F	25 lbs.
		24"	45 lbs.		

\*Safe working load = one-half failure of centrally hung load

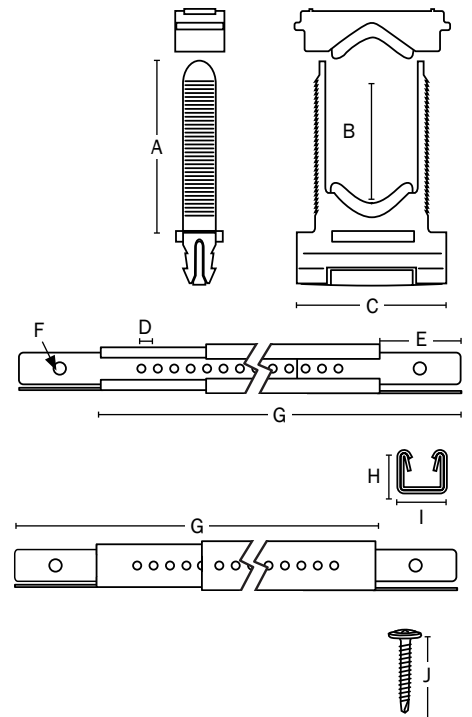
### DIMENSIONS

	523-16Q	523-24Q
A: channel clamp post	1 7/8"	1 7/8"
B: clamping range	1/4"-1 1/8"	1/4"-1 1/8"
C: channel clamp base	1 7/8"	1 7/8"
D: pilot hole centerline	0.203"	0.203"
E: tab length	1"	1"
F: tab hole diameter	0.15"	0.15"
G: outer/inner bracket length	9"	14"
H: bracket height	0.529"	0.529"
I: bracket width	0.602"	0.602"
J: screw length	1"	1"

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



523-1624Q



Made in USA

### Create Item Number

#### 523-AB4Q

e.g. 523-1624Q: 9"–16" adjustable bracket with two clamps with acoustical noise blocks.

#### BRACKET CONFIGURATION A

16 = 9" – 16" adjustable bracket

24 = 14" – 24" adjustable bracket

#### CLAMP CONFIGURATION B

2 = two clamps w/acoustical noise blocks

3 = three clamps w/acoustical noise blocks