

# UNIVERSAL BRACKETING SYSTEM

» 523-16 SERIES

PowerBar™

## SPECIFICATION

Sioux Chief 523-16 Series PowerBar universal bracketing system shall be used where necessary for supporting pipe or stub outs. Bracket shall be corrosion resistant, adjust telescopically from 9"–16", and have dual fastening tabs on each end. Pilot holes for #6–#10 screws shall be provided on three sides of the bracket. System shall include screws for fastening tabs, and optional adjustable channel clamps with elastomer inserts for fastening any pipe, tube, cable, etc. System shall be approved for use with copper tube, CPVC tube, PEX/PB tube, steel pipe, CSST lines, plastic or steel conduit, and low voltage DataCom cable. System shall be UV resistant.

## MATERIALS

- Bracket:** 20 gauge zinc-plated steel
- Channel clamp:** nylon 66, V2 flame rating
- Clamp insert:** thermoplastic elastomer
- Screws:** #8 × 1" Phillips, panhead, drill-tip, zinc-plated

## SAFE WORKING LOAD\*

Bracket		Channel clamps	
Span	Safe load	Temp.	Safe load
9"	90 lbs.	-10°–130°F	70 lbs.
12"	82 lbs.	131°–179°F	38 lbs.
15"	66 lbs.	180°–220°F	12 lbs.

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

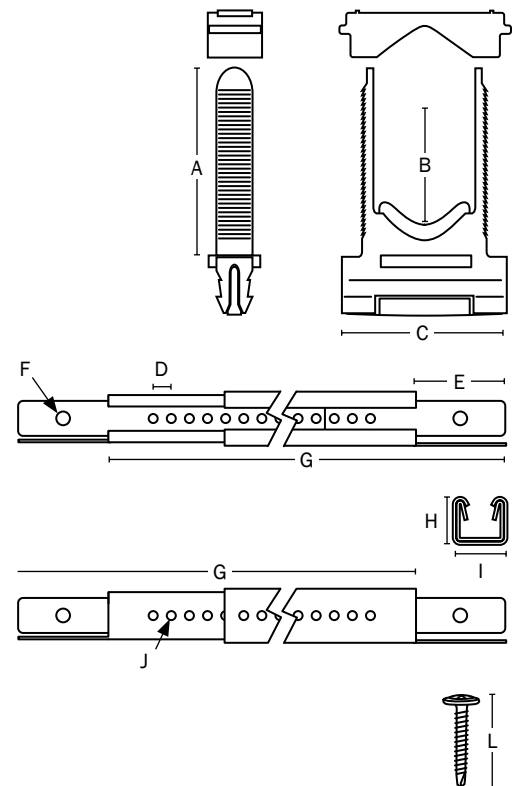
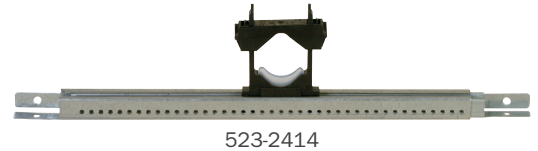
## INSTALLATION

Adjust bracket telescopically to desired length (bracket must have a minimum overlap of 2"). Fasten all four tabs to building member. Slide channel clamps (if applicable) to desired location along bracket. Place conduit between clamp posts, and engage clamp bridge. Ratchet bridge of channel clamp down over both posts evenly. It is permissible to use one bracket section and fasten directly through channel to building structure.

## DIMENSIONS

A: channel clamp post	1 <sup>7</sup> / <sub>8</sub> "
B: channel clamp capacity	1/4"–1 <sup>3</sup> / <sub>8</sub> "
C: channel clamp base	1 <sup>7</sup> / <sub>8</sub> "
D: pilot hole spacing	0.203" on center
E: tab length	1"
F: tab hole diameter	0.15"
G: outer/inner bracket length	9"
H: bracket height	0.529"
I: bracket width	0.602"
J: pilot hole diameter	0.1"
K: metal thickness	0.036"
L: tab screw length	1"

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



Made in USA

Create Item Number

### 523-16A

e.g. 523-1624: 9"–16" adjustable steel bracket with two channel clamps and four screws.

#### BRACKET CONFIGURATION A

- \_ = no channel clamps; no screws
- 10** = one channel clamp; no screws
- 20** = two channel clamps; no screws
- 30** = three channel clamps; no screws

- 04** = no channel clamps; six screws
- 14** = one channel clamp; four screws
- 24** = two channel clamps; four screws
- 34** = three channel clamps; four screws