

UNIVERSAL BRACKETING SYSTEM

523-16 SERIES

PowerBar™

SPECIFICATION

Sioux Chief 523-16 Series PowerBar™ universal bracketing system shall be used where necessary for supporting tube or stub outs in residential and commercial applications. Bracket shall be corrosion resistant and designed to adjust telescopically from 9"–16" and include dual fastening tabs on each end. Pilot holes shall be provided on three sides of the bracket measuring .1". Bracket shall include UV-resistant 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/joists and maintain a minimum overlap of 2" in center. Fasten all four tabs to building member. Slide Touchdown™ clamps to desired position. Place tube between clamp posts. 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 × 1" zinc-plated, pan-head Phillips with drill tip

SAFE WORKING LOAD*

Bracket span

9"	90 lbs (max)
12"	82 lbs.
15"	66 lbs. (min)

*When adjusting, a 2" overlap in center of bracket is required

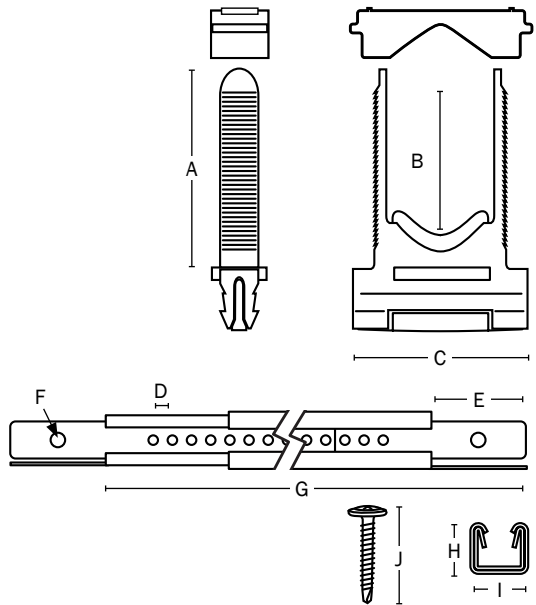
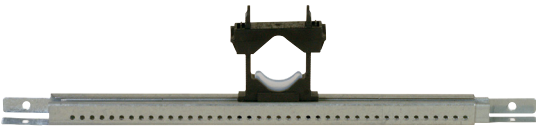
TEMPERATURE RATING

Channel clamps	Safe load
-10°–130°F	70 lbs (max)
131°–179°F	38 lbs.
180°–220°F	12 lbs. (min)

DIMENSIONS

A: channel clamp post	1 ⁷ / ₈ "
B: clamping range	¼"-1 ¹ / ₈ "
C: channel clamp base	1 ⁷ / ₈ "
D: pilot hole centerline	0.203"
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: 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 bracket with two clamps and four screws.

BRACKET CONFIGURATION A

_	= no clamps; no screws	04	= no clamps; six screws
10	= one clamp; no screws	14	= one clamp; four screws
20	= two clamps; no screws	24	= two clamps; four screws
30	= three clamps; no screws	34	= three clamps; four screws