OVERHEAD BRACKETING SYSTEM

⟩⟩ 523 SERIES

PowerBar™ Mini Strut

SPECIFICATION

Sioux Chief 523-2MS series PowerBar™ Mini Strut shall be used where necessary for hanging pipes overhead from ⅜" threaded rod. Bracket shall be corrosion resistant. Bracket shall include Sioux Chief Touchdown or TD+™ universal clamps for fastening any tube, pipe or conduit up to 2" maximum O.D. System shall be approved for use with insulated or non-insulated copper, CPVC tube, PEX/PB tube, steel pipe, plastic or steel conduit. System shall be UV resistant. Bracket and clamps shall be CPVC compatible. System shall be IAPMO certified.

INSTALLATION

Once adjustable clamps are installed in bracket channel, insert ⅜" all-thread rod to suspend bracket, using approved ⅜" hex nuts and washers (not provided). When specified, use hardware above and below bracket channel. Slide adjustable clamps to desired position within bracket channel. Place conduit between clamp posts and engage clamp bridge. Ratchet bridge of channel clamp down over both posts evenly. Install optional Sioux Chief TD+™ universal clamp or any accepeted two-hole pipe strap to bracket using #6 – #10 screws.

523-2MS2

MATERIALS

Bracket: 20 gauge galvanized steel
Channel clamp and bridge: Nylon 66, UL94 V2
**Clamp insert:** TPE

SAFE WORKING LOAD

Bracket: 70 lbs	Channel clamp:	Temp	Safe load
		-10°F " – 130°F	70 lbs.
		131°F " – 179°F	38 lbs.
		180°F " – 220°F	12 lbs.

*Safe working load = ½ failure of centrally hung load

DIMENSIONS

A:	channel clamp post	1⅞"
B:	clamping range	¼" – 1⅛"
C:	channel clamp base	1⅞"
D:	pilot hole spacing	0.203" on center
E:	all-thread hole diameter	0.39"
F:	bracket length	13⅝"
G:	bracket height	0.529"
H:	bracket width	0.602"
I:	pilot hole diameter	0.1"
J:	metal thickness	0.036"
K:	spacing between all-thread holes	12¾" on center
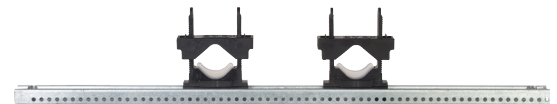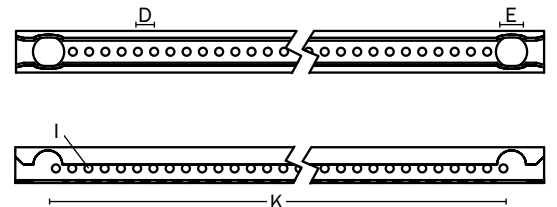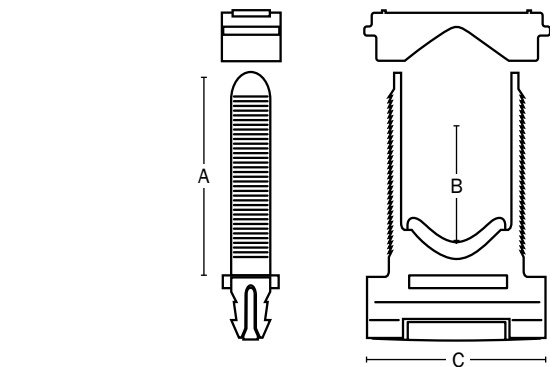
Made in USA

Create Item Number

523-2MS<u>A</u>

e.g. **523-2MS4:** steel bracket with four channel clamps

BRACKET CONFIGURATION <u>A</u>

– = bracket only, no clamps
2 = bracket, two clamps
3 = bracket, three clamps
4 = bracket, four clamps