

ADJUSTABLE BRACKETING SYSTEM

522 series

Universal Slider Bracket™

Item # Submitted	_____
Job Name	_____
Location	_____
Engineer	_____
Contractor	_____
PO#	_____ TAG _____

SPECIFICATION

Sioux Chief 522 Series Universal Slider Bracket™ (USB) shall be used where necessary for bracketing applications. Bracket shall adjust telescopically and have dual fastening tabs on each end. Bracket shall be galvanized for corrosion resistance. System shall be approved for use with metal, wood or masonry, and be UV resistant, and UPC listed.

MATERIALS

- bracket*: 24-gauge galvanized steel
- small channel clamp*: Nylon 66, V2 flame rating
- clamp insert*: Metallocene (thermoplastic elastomer)
- wood screws*: zinc-plated steel, Phillips-head, #6 × 1"
- sheet metal screws*: stainless steel, 1/4" hex head, drill-tip, #6 × 3/4"
- nails*: zinc-plated steel, 1 1/8" × 13-gauge, 19/64" head



SAFE WORKING LOAD*

bracket		channel clamps	
span	safe load	temp.	safe load
11"	100 lbs.	-10°-130°F	70 lbs.
16"	65 lbs.	131°-179°F	38 lbs.
19"	40 lbs.	180°-220°F	12 lbs.
24"	22 lbs.	over 220°F	NONE

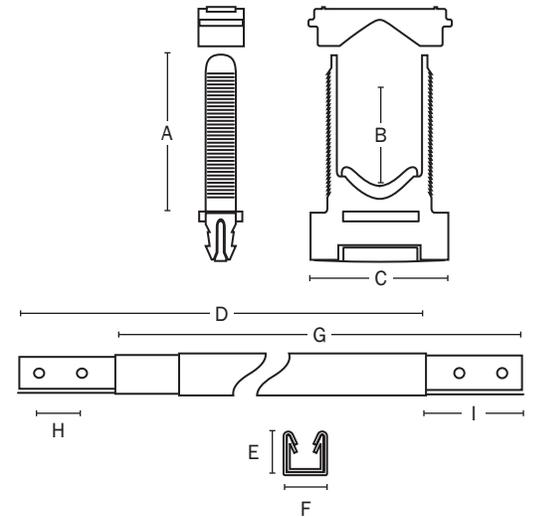
*Safe working load = one-half failure of centrally hung load

INSTALLATION

The USB is approved for use with copper tube, CPVC tube, PEX/PB tube, Steel pipe, CSST lines, conduit, and low voltage DataCom cable. Install using screws or nails in all four tabs. Wear hand protection when installing. Cinch bridge of channel clamp evenly after placing tube into clamp base. Bracket must have a minimum overlap of 1" on 522-16 models, and 2" on 522-24 models. It is permissible to use one bracket section and fasten directly through channel.

DIMENSIONS

A: channel clamp post	1 7/8"
B: channel clamp capacity	3/8"-1 1/8"
C: channel clamp base	1 7/8"
D: inside bracket length	9" or 14"
E: bracket height	1/2"
F: bracket width	1/2"
G: outside bracket length	11" or 14"
H: tab pilot holes	0.11"-5/8" on center
I: tab length	1 1/8"



Create Item Number

522-ABC

e.g. 522-242463 = USB bracket for 14"-26" span with two channel clamps and four drill-tip sheet metal screws.

A BRACKET LENGTH

- 16 bracket for 11"-19" span
- 24 bracket for 14"-26" span

NOTE: Skip options B and C if using bracket only

B CHANNEL CLAMPS

- _* no channel clamps
- 1 one channel clamp
- 2 two channel clamps
- 3 three channel clamps

* No code for this option. Write nothing in space B.

C FASTENERS

- 0 no screws/nails
- 4 four wood screws
- 45 four zinc-plated nails†
- 463 four sheet metal screws†

† Available only when option B is "2".