

CSH-TZ

CONCEALED STRINGER HANGER



Usage:

» Provides a method of connecting a stair with a hidden hanger.

Features:

- » Reversible design
- » Concealed design
- » Corrosion resistant

USP supplies quality products to build Stronger Safer Structures

Customer Service:
Burnsville, MN
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Manufacturing:
Montgomery, MN
Livermore, CA
Largo, FL
Thornhill, Ontario

Warehouses:
Houston, TX
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The CSH-TZ Concealed Stringer Hanger provides a method of connecting a stair with a hidden hanger. The seat of the hanger is adjustable to match the slope of the stair stringer. The reversible design allows the connector to be used on the left, right, or interior stringers. The CSH-TZ may be used with USP's SCA Stair Angles for a complete, easy-to-use stair framing solution.

Materials: 18 gauge
Finish: G-185 galvanizing
Patents: Pending

Installation:

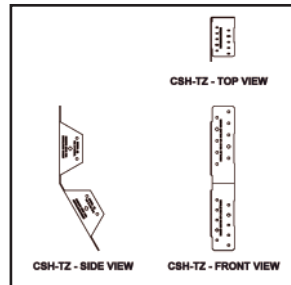
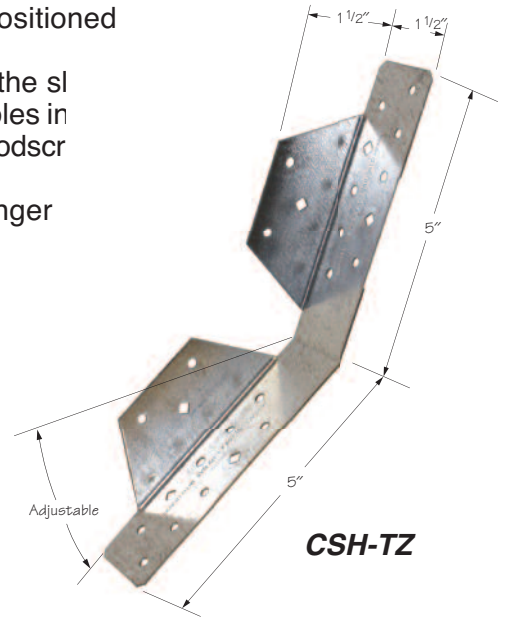
- Use all specified fasteners as indicated.
- Bend angle only once.

Steps:

1. Attach CSH-TZ to header with tabs positioned towards the inside of the stringer member.
2. Adjust the seat of the CSH-TZ to match the sl of the stringer member. Diamond shaped holes in connector allow temporary installation of woodscr to aid in installation of the CSH-TZ.
3. Install 10d x 1 1/2" nails into the stringer header members.



Typical CSH-TZ installation



Go to www.uspconnectors.com/cad/ for Downloadable CAD drawings

| USP Stock No. | Steel Gauge | Fastener Schedule ² | | | | | Allowable Loads (Lbs.) | | | | | | | | | | Ctn Qty | *2007 Retail Price Each |
|---------------|-------------|--------------------------------|-------------|-------|-------------|------|------------------------|------|------|------|------|---------------------|------|------|------|------|---------|-------------------------|
| | | Header | | Joist | | | DF-L / SP | | | | | S-P-F / Hem Fir | | | | | | |
| | | Qty | Type | Qty | Type | Type | Uplift ¹ | | | | | Uplift ¹ | | | | | | |
| | | | | | | | 100% | 115% | 125% | 133% | 160% | 100% | 115% | 125% | 133% | 160% | | |
| CSH-TZ | 18 | 8 | 10d x 1-1/2 | 5 | 10d x 1-1/2 | 890 | 890 | 890 | 300 | 360 | 745 | 745 | 745 | 260 | 310 | 50 | \$1.38 | |

1) Uplift loads are increased 33-1/3% or 60% for wind or seismic loads; no further increase shall be permitted.
2) 10d x 1-1/2 nails are 9 gauge (0.148" diameter) by 1-1/2" long.
*2007 Pricing subject to change without notice.