



## FS870

### Reusable Ring Anchor

#### FEATURES :

- Installed on peak or flat wood, concrete, and metal decking roofs
- Hinged construction for adjustment to different angles
- Corrosion-resistant plated steel
- Large D-ring connection point
- Fasteners not included
- **Wood Installation:** Minimum substrate thickness must be 7/16" or greater with a minimum 1-1/2" embedment into a truss OR 3" when no truss is present. Utilize (20) 16D roofing nails
- **Metal Roofing/Decking Installation:** If purlin is present, min gauge 22. If purlin is not present, min gauge 20. Utilize (12) 2-1/2" sheet metal screws or (12) Tek's #10 1" self-drilling metal-to-metal screws
- **Concrete Installation:** Min 4000 PSI. Min thickness 4". Utilize (12) 1/4" x 2-1/4" Hex Head Tapcon screws
- **Length:** 11 in. (279.4 mm)
- **Minimum Breaking Strength:** 5,000 lbs. (22 kN)

#### FALL ARREST POINT(S) :

- D-ring

#### ITEM WEIGHT :

- 2.4 lbs. (1.1 kg)



USER WEIGHT CAPACITY	
ANSI	130-310 lbs. (59-141 kg)
OSHA	Up to 420 lbs (191 kg)

STANDARD COMPLIANT WITH	
ANSI	N/A
OSHA	1926.502, 1910.140, 1910.66

SIZE(S)	
FS870	without fasteners
FS870S	with 12 pc 2.5" sheet metal screws
FS870N	with 20 pc 16D roofing nails

COMPONENT	MATERIAL SPECIFICATION
Mounting plate	Zinc-plated steel
D-ring	Zinc-plated steel