

# Cross-Brace HLL Anchors

Anchors for cross-brace installations are specified for single person anchor and HLL systems. Roof membranes and substrate thicknesses need to be calculated in order to determine the margin between the finished surface and the HLL cable. The following specifications are recommendations only and require a qualified or competent person to determine the riser height. Base plates are rotated for loop top and pass-thru orientation to the slope.

## Single Person PPE Anchor

Installed over 7/16" OSB w/loop top parallel with the slope.

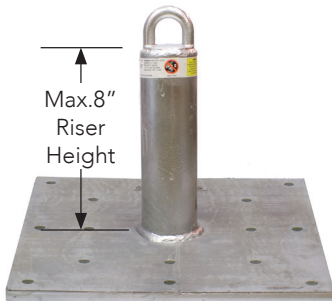
### Low Profile Roofing

- No.1031-5W CRA-W or No.1031-X custom mfg. w/8" riser height
- Asphalt shingles, standing seam metal panels, wood shake/shingle, slate and low profile concrete tiles



## Custom Mfg. Specify Riser Height

**No.1031-X**  
CRA w/Loop Top



**No.1031-PX**  
Pass-Thru Top



**No.1032-4X**  
4-Way



## HLL Systems

Specify 8"riser height for max. margin between roof surface and HLL cable.

- No.1031-X loop top w/8" riser
- No.1031-PX pass-thru top w/8" riser
- No.1032-4X 4-Way w/8" riser

### High Profile Roofing .

- No.1031-X custom mfg. 8" riser height
- Concrete/clay roof tiles high profile metal panels and insulation panels

## Anchor Models For use with CBO Systems

Part No.	Name	Type	Riser/ht.	Base Plate/Inches	Use For
▲ 1031-W	CRA-5W	Loop Top	5"	6x6x3/8	Single Person PPE
■ 1031-X	CRA	Loop Top	8"		Single Person PPE or HLL Systems
■ 1031-PX	CRA-PT	Pass-Thru			
■ 1032-4X	CRA-4	4-Way			

■ Custom mfg. specify riser height and material type HDG or 304sst.

▲ Stock Part. □ Order 4-Way top separately.

Note 1: Max. riser height 8".