

Super Anchor Safety 2024 Quick Reference

3.0"od. Sloped Anchors

The most common variations of standard SAS designs are shown here. Project specific designs are also available. Contact SAS sales team for custom info and lead times.

Custom Specifications

- Material type and finish
- Rear height
- Base plate dimensions
- Both hole size and location
- Top flange type and orientation
- Degree of slope and angle
- 3rd party engineering available

Top Fixture Orientation

A = Parallel with the ridge B = Perpendicular/90° to the ridge

Model Types

No. 1090/1090-S Loop Top
No. 1091/1091-S Pass-Thru Top

Anchors with Base Plates

Part No.	Part Name	Top Fixture Orientation	Rear Slope	Type	Class
1031-A	CSL-A	Top	45°	Loop	Specify Degree of Angle or Pitch
1031-B	CSL-B	Top	45°	Pass-Thru	Specify Degree of Angle or Pitch
1031-C	CSL-C	Top	45°	Loop	Specify Degree of Angle or Pitch
1031-D	CSL-D	Top	45°	Pass-Thru	Specify Degree of Angle or Pitch

Field Weld Risers

Part No.	Part Name	Top Fixture Orientation	Rear Slope	Type	Class
1043-A	CSL-A	Top	45°	Loop	Specify Degree of Angle or Pitch
1043-B	CSL-B	Top	45°	Pass-Thru	Specify Degree of Angle or Pitch
1043-C	CSL-C	Top	45°	Loop	Specify Degree of Angle or Pitch
1043-D	CSL-D	Top	45°	Pass-Thru	Specify Degree of Angle or Pitch

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3.0"od. Sloped/Ridge Anchors

Contact SAS sales team for custom info and lead times.

Ridge Mounted Anchors

Part No.	Part Name	Top Fixture Orientation	Rear Slope	Type	Class
1031-A	CSL-A	Top	45°	Loop	Specify Degree of Angle or Pitch
1031-B	CSL-B	Top	45°	Pass-Thru	Specify Degree of Angle or Pitch
1031-C	CSL-C	Top	45°	Loop	Specify Degree of Angle or Pitch
1031-D	CSL-D	Top	45°	Pass-Thru	Specify Degree of Angle or Pitch

Top Fixture Orientation for HLL Only

Loop Top "A"
Pass-Thru Top "B"

Loop Top Orientation Single Threaded Anchor

Loop Top "A"
Pass-Thru Top "B"

Threaded Top Anchors

Part No.	Part Name	Top Fixture Orientation	Rear Slope	Type	Class
1400-A	CRC-A	Top	45°	Loop	Specify Degree of Angle or Pitch
1400-B	CRC-B	Top	45°	Pass-Thru	Specify Degree of Angle or Pitch

Threaded Top Field Weld Riser

Part No.	Part Name	Top Fixture Orientation	Rear Slope	Type	Class
1403-A	CRC-A	Top	45°	Loop	Specify Degree of Angle or Pitch
1403-B	CRC-B	Top	45°	Pass-Thru	Specify Degree of Angle or Pitch

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3.0"od. Custom Anchors

Custom anchors and field weld risers are based on standard anchor designs with custom specified features and are project specific. 3rd party structural engineering and non-standard anchor designs are available.

Ordering Information

Anchor design specifications are submitted to SAS sales team. A custom anchor worktable is drafted and submitted for customer review. Upon customer approval and worktable sign-off, our sales team will provide unit pricing and lead time. All 3rd party engineering is billed separately.

Model Types

No. 1021-X CR-A
No. 1021-X CR-B
No. 1021-PX CR-APT
No. 1043-PX CR-PT

Anchors with Base Plates

Part No.	Part Name	Top Fixture Orientation	Rear Slope	Type	Class
1022-4X	CR-A	Top	45°	Loop	Specify Degree of Angle or Pitch
1044-4X	CR-B	Top	45°	Pass-Thru	Specify Degree of Angle or Pitch
1400-X	CR-C	Top	45°	Loop	Specify Degree of Angle or Pitch
1400-X	CR-D	Top	45°	Pass-Thru	Specify Degree of Angle or Pitch

Field Weld Risers

Part No.	Part Name	Top Fixture Orientation	Rear Slope	Type	Class
1120-X	CR-E	Top	45°	Loop	Specify Degree of Angle or Pitch
1120-PX	CR-F	Top	45°	Pass-Thru	Specify Degree of Angle or Pitch
1120-4X	CR-G	Top	45°	Loop	Specify Degree of Angle or Pitch
1120-4X	CR-H	Top	45°	Pass-Thru	Specify Degree of Angle or Pitch

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3.0"od. Custom Beam Anchors

CRB model anchors are designed specifically for installation into wood steel beam and non-standard 2-purlin Top Rail 4-bay type are sold separately.

Top Fixtures

Loop tops are oriented for angle anchor point or HLL and anchor. Pass-thru top is oriented HLL direction unless to the dispense.

Model Types

No. 1127-X CRB
No. 1127-PX CRB-PT
No. 1127-4X CRB-A

CRB Anchors

Mfg. in any size wood or steel beam. Available with bolted or field welded.

LHZ v/s CRB

CRB and CRB have a similar model design but have different applications due to the type of supporting structure they are attached to. CRB anchors are designed for gable, rear height of 12" and have a specially base plate that fits most standard size 2-purlin. Rear height greater than 12" require 3rd party structural analysis. CRB models are mfg. in any size steel beam, wood beam and purlin. Base plate dimensions and rear heights are project specific.

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4.5"od. Sloped Anchors

The most common variations of standard SAS designs with larger diameter risers are shown here. Project specific designs are also available. Contact SAS sales team for custom info and lead times.

Custom Specifications

- Material type and finish
- Rear height
- Base plate dimensions
- Both hole size and location
- Top flange type and orientation
- Degree of slope and angle
- 3rd party engineering available

Top Fixture Orientation

A = Parallel with the ridge B = Perpendicular/90° to the ridge

Model Types

No. 1091/1091-S Loop Top
No. 1093/1093-S Pass-Thru Top

Anchors with Base Plates

Part No.	Part Name	Top Fixture Orientation	Rear Slope	Type	Class
1403-A	CRC-A	Top	45°	Loop	Specify Degree of Angle or Pitch
1403-B	CRC-B	Top	45°	Pass-Thru	Specify Degree of Angle or Pitch

Field Weld Risers

Part No.	Part Name	Top Fixture Orientation	Rear Slope	Type	Class
1201-A	CRC-A	Top	45°	Loop	Specify Degree of Angle or Pitch
1201-B	CRC-B	Top	45°	Pass-Thru	Specify Degree of Angle or Pitch

Threaded Top Anchors

Part No.	Part Name	Top Fixture Orientation	Rear Slope	Type	Class
1400-X	CRC-X	Top	45°	Loop	Specify Degree of Angle or Pitch
1400-X	CRC-Y	Top	45°	Pass-Thru	Specify Degree of Angle or Pitch

Threaded Top Field Weld Riser

Part No.	Part Name	Top Fixture Orientation	Rear Slope	Type	Class
1403-X	CRC-X	Top	45°	Loop	Specify Degree of Angle or Pitch
1403-X	CRC-Y	Top	45°	Pass-Thru	Specify Degree of Angle or Pitch

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4.5" od. Sloped Anchors

The most common variations of standard SAS designs are shown here. Project specific designs are also available. Contact SAS sales team for custom info and lead times.

Custom Specifications

- Material type and finish
- Rear height
- Base plate dimensions
- Both hole size and location
- Top flange type and orientation
- Degree of slope and angle
- 3rd party engineering available

Top Fixture Orientation

Parallel with Ridge
Perpendicular to Ridge

Model Types

No. 1091/1091-S Loop Top
No. 1093/1093-S Pass-Thru Top

Anchors with Base Plates

Part No.	Part Name	Top Fixture Orientation	Rear Slope	Type	Class
1400-PX	CRC-AP	Top	45°	Loop	Specify Degree of Angle or Pitch
1400-PX	CRC-BP	Top	45°	Pass-Thru	Specify Degree of Angle or Pitch

Field Weld Risers

Part No.	Part Name	Top Fixture Orientation	Rear Slope	Type	Class
1201-PX	CRC-AP	Top	45°	Loop	Specify Degree of Angle or Pitch
1201-PX	CRC-BP	Top	45°	Pass-Thru	Specify Degree of Angle or Pitch

4-Way Anchors

Part No.	Part Name	Top Fixture Orientation	Rear Slope	Type	Class
1401-4X	CRC-4	Top	45°	Loop	Specify Degree of Angle or Pitch
1401-4X	CRC-4	Top	45°	Pass-Thru	Specify Degree of Angle or Pitch

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4.5"od. Custom Anchors

Larger diameter risers and base plates are engineered to comply with CAL-CPHA standards. CRD and CRD models are specified for window walling and HLL and anchor.

Ordering Information

Anchor design specifications are submitted to SAS sales team. A custom anchor worktable is drafted and submitted for customer review. Upon customer approval and worktable sign-off, our sales team will provide unit pricing and lead time. All 3rd party engineering is billed separately.

Model Types

No. 1400-X CRD
No. 1201-PX CRD
No. 1201-PX CRD-PT
No. 1401-4X CRD-A
No. 1401-4X CRD-B

Anchors with Base Plates

Part No.	Part Name	Top Fixture Orientation	Rear Slope	Type	Class
1400-X	CRD	Top	45°	Loop	Specify Degree of Angle or Pitch
1400-X	CRD	Top	45°	Pass-Thru	Specify Degree of Angle or Pitch

Field Weld Risers

Part No.	Part Name	Top Fixture Orientation	Rear Slope	Type	Class
1401-4X	CRD-A	Top	45°	Loop	Specify Degree of Angle or Pitch
1401-4X	CRD-B	Top	45°	Pass-Thru	Specify Degree of Angle or Pitch

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Utility Anchor

CRA-U utility anchors are mfg. with the same materials as our standard model CRA-U. Project specific designs for gable and rear, HLL, equipment supports and dry stack. Customized wall brack, brackets and rigging components are available for a complete system. 3rd party engineering is available. Contact SAS sales team for custom info and lead times.

Specifications

- Min. tensile strength: 70,000 (22.5kN)
- 1/2" and 3/4" dia.
- Compatible with SAS rigging accessories
- Specify rear height, base plate size, dimensions and both hole size.
- SAS factory brackets are available on request

Model Types

CRA-U No. 1066-X
CRA-U No. 1066-X
CRA-U No. 1066-X

Field Weld Risers

Specify HLL/Dir of Slope
Rear
Sloped Riser

Interior Wall Bracket

Exterior Wall Bracket

Parapet Wall Bracket Examples

Easy Wire Anchor

Required Lead Pricing

Part Name	Material	Top Fixture
CRA-U	1066-X	HLL
CRA-U	1066-X	2-Way
CRA-U	1066-X	4-Way
CRA-U	1066-X	2-Way
CRA-U	1066-X	4-Way

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Utility Anchors

CRA-U anchors with rear caps are mfg. with the same materials as our standard model CRA-U and identified for use with welded attachments. Contact SAS sales team for custom info and lead times. USA mfg. only.

CRB-RR No. 1031-X

Blank surface riser designed for field use welded attachments. Specify riser type when ordering.

Specifications

- Min. tensile strength: 70,000 (22.5kN)
- 1/2" and 3/4" dia.
- Compatible with SAS rigging accessories
- Specify rear height, base plate size, dimensions and both hole size.

Model Types

CRB-RR No. 1031-X
CRB-RR No. 1031-X
CRB-RR No. 1031-X

Field Weld Risers

Specify HLL/Dir of Slope
Rear
Sloped Riser

Blank Riser Cap

Required Lead Pricing

Part Name	Material	Top Fixture
CRB-RR	1031-X	HLL
CRB-RR	1031-X	2-Way
CRB-RR	1031-X	4-Way

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