

Super Anchor 2024 Quick Reference

Standing Seam Anchor Accessories

No.1027 standing seam anchor base plate both sides are compatible with several S4S mfg. anchors and may be used for single person PPE anchor or horizontal HLL systems.

Single Person PPE Anchors

No.1037 D-Plate
No.1301 D-Plate
No.1028 Swivel D
No.1029 D-Shaft

HLL System Anchors

Horizontal Lifeline
Supplement HLL
6" x 6" base plates are specified for HLL systems and accessory components as follows:
• No.1029-D-Shaft
• No.1028-Swivel D
• No.1037-D-Plate
• No.1301-D-Plate

Request Limit Pricing

Part No.	Part Name	Type	Part No.	Type
A 1028	D-Shaft	HLL	1028	Request
A 1029	D-Shaft	HLL	1029	Request
A 1037	D-Plate	HLL	1037	Request
A 1301	D-Plate	HLL	1301	Request
A 1028-S	D-Shaft	HLL	1028-S	Request
A 1037-S	D-Plate	HLL	1037-S	Request
A 1301-S	D-Plate	HLL	1301-S	Request

Compatible Accessories

No.1215-LH
No.1225-LH
No.1235-LH

Request Limit Pricing

Part No.	Part Name	Description
A 1215-LH	HLL	Adjustable with HLL System
A 1225-LH	HLL	1" x 1" Formable HLL
A 1235-LH	HLL	1" x 1" Formable HLL

Standard Design Custom mfg. Stock Part.
Note 2: Max. clear height 8'0"

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Soffit Anchors

No.1075 CRSA window-washing anchor is designed for installation through conventional soffits and may be used for single person PPE tie-off or bottom-line chair support. Features anti-rotation sleeve ring to prevent rotation in flexure. Contact S4S sales team for custom mfg. and lead times.

Compliance
ANSI Z59.18-11/CSA Z259.15-22
OSHA 1926.1053
Window Washing ANSI/IFMA A-1.1
3rd party engineering by CH2 Hill & Assoc.
Report available on request.

Request Limit Pricing

Part Name	Material Type	Loop Top	Sleeve Ring
CRSA 1075	CRSA Steel	CRSA 1075-Loop Top	CRSA 1075-Sleeve Ring
CRSA 1075	CRSA Steel	CRSA 1075-Loop Top	CRSA 1075-Sleeve Ring

Typical Anchor Installation

Sleeve Ring

Typical Soffit Anchor Detail

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Soffit Sleeve

No.1022 CRSS soffit sleeve is designed for use with window-washing tie-back anchors providing an abrasion resistant drop-down panel for window-washing frames. The low profile design is specified for installation into conventional tie-back decks and overhangs. Contact S4S sales team for custom mfg. and lead times.

Compliance
Use with window-washing anchors that comply with the following standards:
ANSI Z59.18-11
CSA Z259.15-22
OSHA 1926.1053
Window Washing ANSI/IFMA A-1.1

Request Limit Pricing

Part Name	Material Type	Sleeve Ring
CRSS 1022	CRSS Steel	CRSS 1022-Sleeve Ring
CRSS 1022	CRSS Steel	CRSS 1022-Sleeve Ring

Typical Anchor Installation

Sleeve Ring

Typical Soffit Sleeve Detail

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Cross-Brace

The CRD 1305-19 cross-brace is specified for steel or wood framed vertical walls and roof decks. Designed for use with S4S 1305-A, S4S 1305-B and CRSA vertical base plates. Install on 4x4" framing system with low clear HLL system.

Specifications

- Min. tensile strength 5,000lb.
- 1/2" wide outside steel plates.
- Adjustable leveling.
- Compatible with WS screws.
- Compatible with CRSA anchors.
- Full area of 4x4" framing system.
- Single person and HLL systems.
- 3rd party engineering by CH2 Hill & Assoc.
- Report available on request.
- Note: Steel framing requires splicing.

Compliance
ANSI Z259.18-11 Type A/T
CSA Z259.15-22 Type A/T
OSHA 1926.1053

Request Limit Pricing

Part No.	Description	HL	AL
A 1305-19	CRD Cross-Brace	1305	1305

CRD 1305-19 Plug Contents

- 1x CRD 1305-W connector
- 1x No.2004-5.5 1/2" x 5/8" x 3/16" WS screws with plate

Compatible Anchor Models

Temporary Anchors
No.1037 D-Plate
No.1028-D-Plate

Permanent Anchors
CRSA with 4x4" Vertical Wood Framing System
S4S No.1305-B Sub-Surface Vertical Wall Single Person PPE System

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Cross-Brace Vertical Wall

CRD 1305-19 cross-brace is specified for exterior and interior vertical walls and floors. Use with S4S 1305-B sub-surface anchor. The anchor is designed for substrate and finished surfaces up to 3/4" thick. Clear for vertical walls or walls with exterior insulation panels. Custom length receiver bolts are available for wall thicknesses greater than 3/4".

CRD 1305-19 Cross-Brace
SA 1305-B Sub-Surface Anchor
Exterior Mount
Cover Plate
Receiver Bolt
Low Profile Cover Plate

Examples of Finished Surfaces
Carpentry
Vinyl
Concrete
Wood Flooring
Interior Walls
Exterior Doors/Shafts

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Cross-Brace HLL System

CRD HLL systems are specified for installation onto wood framed top chords and trusses using CRSA anchors with 6" x 6" flat attached base plates. Use S4S supplied rigging accessories for single person PPE anchor or HLL systems.

CRSA Anchors
CRSA 1075-Loop Top Attached Base Plate
CRSA 1075-Loop Top Attached Base Plate
CRSA 1075-Loop Top Attached Base Plate

Compliance Certification
CRSA anchors and accessory components are 3rd party certified to comply with current ANSI and CRSA standards.
• 3rd party engineering by CH2 Hill & Assoc.
• 3rd party testing by CH2 Hill & Assoc.
• 3rd party inspection by CH2 Hill & Assoc.

Roof Framing Specifications
CRD and 2x4 top chords must be spaced 24" on center and require 2x4 bracing. The trusses must be fully sheathed prior to use for full protection. The product architect, engineer or 3rd party engineer is required to specify the structural framing for the extended full protection load.

2x4 Top Chords
2x6 Top Chords

CRD HLL Standard Rigging Specifications

Fastener Specifications
• Min. tensile strength 5,000lb.
• 1/2" diameter or equivalent.
• Adjustable receiver bolts for varying substrate and slab thicknesses.
• Primer coated steel.

User Specifications
• Full Area: Max. 2 posts per HLL run.
• Full Area: Max. 2 posts per HLL run.
• Full Area: Max. 2 posts per HLL run.
• Full Area: Max. 2 posts per HLL run.

Standard Rigging Specifications
• Max. HLL Length: 50ft.
• Max. Anchor Spacing: 30ft.
• "A" and "B" mfg. Loop top or 4-way anchor.
• Intermediate Anchor: Pass Through 4-way anchor.
• "W" and "C" cable termination and 1 spring E/A.
• "W" and "C" cable termination.

Alternate Rigging
Turnbuckle and spring E/A may be attached to opposite ends of HLL length using special application couplers.

HLL Cables
• Cut to length - HLL measured from end plate and verified by field measure.
• Bulk cable cut to length on site.

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Cross-Brace HLL Rigging

CRSA 1075 mfg. uses standard rigging accessories with special components designed for No.1000/1005 loop top with 1.5" x 1.5" x 1.5" opening. S4S HLL rigging specifications require research with design, "A" and "B" ends to specify the properties of rigging accessories. Turnbuckle are used on the "A" and "B" ends and are coupled to No.1005 spring E/A. The spring E/A version (single anchor) is used for permanent installations that require 200,000lb. has been applied to the cable. The "W" end is always terminated with a non-flexible single intermediate HLL anchor in rigid the same way unless otherwise specified on the job plan. Structural engineering is available on request.

CRD Standard Rigging Example

CRD Standard Rigging Example 4-Way Intermediate

4-Way Rigging Examples
4-Way Rigging
3-Way HLL Intermediate
4-Way HLL Intermediate

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Cross-Brace HLL Anchors

Anchors for cross-brace installations are specified for single person anchor and HLL systems. Full compliance and installation instructions are provided to be used in conjunction with the design to determine the proper anchor for the substrate and finish surface. The following specifications are provided to assist in the selection of the proper anchor for the substrate and finish surface.

Single Person PPE Anchor
CRSA-W
No.1090 Loop Top

Custom Mfg. Specify Riser Height
No.1031-A
No.1031-PK
No.1031-XX
No.1031-BX

HLL Systems
Specify E/A "W" end height for max. strength between roof surface and HLL cable.
• No.1031-A Loop top with 1.5" x 1.5" x 1.5" opening.
• No.1031-PK Loop top with 1.5" x 1.5" x 1.5" opening.
• No.1031-XX Loop top with 1.5" x 1.5" x 1.5" opening.
• No.1031-BX Loop top with 1.5" x 1.5" x 1.5" opening.

Anchor Models for Use with CRD Systems

Part No.	Material Type	Loop Top	Base Plate
A 1031-A	CRSA Steel	CRSA 1031-Loop Top	CRSA 1031-Base Plate
A 1031-PK	CRSA Steel	CRSA 1031-Loop Top	CRSA 1031-Base Plate
A 1031-XX	CRSA Steel	CRSA 1031-Loop Top	CRSA 1031-Base Plate
A 1031-BX	CRSA Steel	CRSA 1031-Loop Top	CRSA 1031-Base Plate

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Sub-Surface Anchor for Wood Framing

The S4S 1305-B full protection anchor is specified for wood or steel framed vertical walls installed with CRD 1305-19 cross-brace. S4S 1305-B features a 1/4" diam. receiver bolt that can be adjusted for exterior wall thicknesses of up to 3/4". The threaded loop top is removable allowing for permanent use and features a chrome steel receiver plate to protect the adjustable bolt when not in use. Specified for exterior or interior installations.

Compliance
ANSI Z259.18-11 Type A/T
CSA Z259.15-22 Type A/T
OSHA 1926.1053

Specifications
• Min. tensile strength 5,000lb.
• 1/2" diameter or equivalent.
• Adjustable receiver bolts for varying substrate and slab thicknesses.
• Primer coated steel.

Ordering Information

Part No.	Description	HL	AL
A 1305-B	CRSA Sub-Surface Anchor	1305	1305

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