

Super Anchor 2024 Quick Reference

CRZ-P Pass-Thru Anchors

3.0" od. CRZ-P Z-Purlin Wood Beam Anchors

Intermediate anchors for use with 3.0" od. Z-Purlin Wood Beam Anchors. Pass-thru tops are designed for use with intermediate rods for 3000 PSI working load capacity.

Specifications

- Horizontal (below intermediate anchor)
- Min. tensile strength 10,000 lbs
- Min. 100' (2.54m) max. length
- Hot dip galvanized (HDG), 304ss or 316ss
- Flange attachment (304ss)
- Flange, Round top
- Pass-Thru top 45° orientation for HLL systems

Accessories

- Flange (No. 2049) round purlin blocking
- Master Flange (No. 2050)

Custom only, contact SAC sales rep

- Custom steel beam post No. 1122-FK

Compliance

ANSI Z359.1-07
OSHA 1926.502

Request Limit Pricing

Beam Height	Part No.	Material	Pass-Thru Top	Anchor	Block	Weight
6"	CRZ-6P	HDG	No. 2049	No. 1091	No. 2049	15.8
	CRZ-6P	304ss	No. 2049	No. 1091	No. 2049	15.8
12"	CRZ-12P	HDG	No. 2049	No. 1091	No. 2049	30.3
	CRZ-12P	304ss	No. 2049	No. 1091	No. 2049	30.3

Standard Design Custom only **▲** Nominal Dimension

Note 1: Do not install pass-thru anchors in concrete.

Note 2: Z-Purlin intermediate anchor max. height range width 3'-6"

CRZ Loop Top/Pass-Thru Accessories

Part No.	Part Name	Material	Weight
2048	Replacement Bolt Pack (20 3/8" x 1 1/2" Hex Bolt)	304ss	1.5
2049	Z-Purlin Wood Beam Top 1-1/2" x 3/8" Section	Hot Dip Galv	1
2050	Master Flange 10" x 10" Includes Pass-Thru	Hot Dip Galv	1

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Z-Purlin HLL Rigging Examples

Z-Purlin HLL and VLL Ropes are typically oriented to load and pass-thru tops in the direction of the slope. CRZ-Rigging Kits are specified for Ropes longer than 200' or intermediate HLL or VLL Ropes.

HLL Rigging Example

HLL Rigging Example w/4-Way Intermediate Anchor

Use 4-Way for intersecting HLL. Min. 8" B.P. (see height required for Roping base).

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Z-Purlin VLL Rigging Examples

VLL Rigging Example

w/4-Way Intermediate Anchor

Vertical Ropes are specified for grade levels, intermediate HLL, and areas that require access to HLL or other equipment. Loop and Pass-Thru "B" oriented tops are used with the slope. "A" oriented tops are used perpendicular.

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D-Plate Anchors

Low profile D-Plate anchors have a wide range of installation specifications including window washing and HLL systems. All standard models are only with "A" base plates.

Specifications

- Min. tensile strength 5,000 lbs
- Min. 100' (2.54m) max. length
- Hot dip galvanized (HDG) and 316ss
- Attachment bolts not included
- Custom 3/4" size beam for custom size D-plates

Compliance

ANSI Z359.1-07 Type A1
CSA Z259.15.2 Type A1
OSHA 1926.502

Request Limit Pricing

Part No.	Part Name	Material	Weight
No. 1028-DP6	6" x 6" D-Plate	HDG	4.8
No. 1028-DP6	6" x 6" D-Plate	316ss	4.8
No. 1028-DP8	8" x 8" D-Plate	HDG	6.8
No. 1028-DP8	8" x 8" D-Plate	316ss	6.8
No. 1028-DP10	10" x 10" D-Plate	HDG	9.8
No. 1028-DP10	10" x 10" D-Plate	316ss	9.8

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D-Plate HLL System

D-Plate anchors are ideal for low profile HLL systems mounted on interior or exterior vertical walls. Use for inspection, maintenance and construction work.

Typical Installation Applications

- Box structural steel and steel angles
- Concrete embedment
- Concrete expansion bolt
- OSHA or local code
- Field installed on steel supporting structures

Installation Examples

HLL Rigging Kits

Concrete substrate: All sizes of 2 bolts are required with project engineering approval.

Steel Structure: 4-bolt with backer plate. Steel Structure: Area of 2-bolts. Field Install: Area of 2-bolts.

End Anchor Installation Specifications

Concrete substrate: All sizes of 2 bolts are required with project engineering approval.

Steel Structure: 4-bolt with backer plate. Steel Structure: Area of 2-bolts. Field Install: Area of 2-bolts.

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D-Plate Hoisting/Lifting Anchors

D-Plate anchors are 3rd party tested and engineered for hoisting/lifting applications.

Specifications

- Min. 100' (2.54m) max. length
- Hot dip galvanized (HDG) and 316ss
- Attachment bolts not included
- 3,000psi proof load certificate provided for each anchor
- 5/8" x 4" x 1/2" base plate

Compliance

ANSI Z359.15.1 Type A1
CSA Z259.15.2 Type A1
OSHA 1926.502

Request Limit Pricing

Part No.	Material	Weight
No. 1037	HDG	4.8
No. 1037	316ss	4.8
No. 1037	HDG	6.8
No. 1037	316ss	6.8

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3-Way D-Plate/Concrete Embedment

3-Way D-Plate allow 3 workers to be attached to a single anchor point. Concrete embedment, bolt thru and backer plate installation on steel or wood beams. Horizontal or vertical loop top alignment.

Specifications

- Min. tensile strength 5,000 lbs
- Min. 100' (2.54m) max. length
- Hot dip galvanized (HDG) and 316ss
- 3 party engineering by CH2M Hill & Assoc.
- Report available on request

Compliance

ANSI Z359.1-07 Type A1
CSA Z259.15.2 Type A1
OSHA 1926.502

Attachment Bolts

Min 1/2" grade 5 or 316 ss

Request Limit Pricing

Part No.	Material	Loop Top	Alignment	Weight
No. 1304-G	HDG	No. 1304-GH	Vertical	7.8
No. 1304-G	316ss	No. 1304-GH	Vertical	7.8
No. 1304-S	HDG	No. 1304-SH	Horizontal	7.8
No. 1304-S	316ss	No. 1304-SH	Horizontal	7.8

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Bolt-Thru Loop Top

No. 1093-G/1093-S are specified for both thru installation into structural steel, and for use on steel beams.

Specifications

- Min. tensile strength 5,000 lbs
- Min. 100' (2.54m) max. length
- Hot dip galvanized (HDG) and 316ss
- Attachment bolts not included

Compliance

ANSI Z359.1-07 Type A1
CSA Z259.15.2 Type A1
OSHA 1926.502

Attachment Bolt Types

Hex Head Bolt, Threaded Rod, Lock Nut, Thick Flange Washer

Request Limit Pricing

Part No.	Material	Weight
No. 1093-G	HDG	2.36
No. 1093-S	316ss	2.36

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Stud Bolt Loop/Pass-Thru Tops

Loop and pass-thru tops with stud bolts are both attached to a supporting structure or used with No. 1305-A/1305-B ball surface anchor and No. 1303-A/B retractor bolt.

Specifications

- Min. tensile strength 5,000 lbs
- Min. 100' (2.54m) max. length
- Hot dip galvanized (HDG) and 316ss
- Attachment bolts not included

Compliance

ANSI Z359.1-07 Type A1
CSA Z259.15.2 Type A1
OSHA 1926.502

Request Limit Pricing

Part No.	Material	Loop Top	Type	Weight
No. 1305-A	HDG	No. 1305-A	Loop Top	1.38
No. 1305-B	316ss	No. 1305-B	Loop Top	1.38
No. 1303-A	HDG	No. 1303-A	Pass-Thru	1.38
No. 1303-B	316ss	No. 1303-B	Pass-Thru	1.38

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