

HitchClip™

Part #: 10560, 10561, 10562, 10563, 10564, 10566, 10567, 10568

Prior to use, read and understand all manufacturer's instructions provided with equipment at time of shipment.

DO NOT THROW AWAY THESE INSTRUCTIONS!

Compliant with all OSHA 1910, OSHA 1926 Subpart M, ANSI Z359.1-2007, and ANSI A10.32-2012 regulations.

HitchClip is compatible with the following applications:



WARNING Use of equipment in unintended applications may result in serious injury or death. Maximum 1 attachment per connection point.



Personal Fall Arrest: HitchClips may be used to support a MAXIMUM 1 Personal Fall Arrest System (PFAS) for use in Fall Arrest applications. Structure must withstand loads applied in the directions permitted by the system of at least 5,000 lbs. Maximum free fall is 6', or up to 12' if used in combination with equipment explicitly certified for such use. Applicable D-ring: Dorsal.



Restraint: HitchClips may be used in Restraint applications. Restraint systems prevent workers from reaching the leading edge of a fall hazard. Always account for fully deployed length of lanyard/SRL. Structure must withstand loads applied in the directions permitted by the system of at least 1,000 lbs. No free fall is permitted. Restraint systems may only be used on surfaces with slopes up to 4/12 (vertical/horizontal). Applicable D-rings: Dorsal, Chest, Side, Shoulder.



Work Positioning: HitchClips may be used in Work Positioning applications. Work Positioning systems allow a worker to be supported while in suspension and work freely with both hands. Structure must withstand loads applied in the directions permitted by the system of at least 3,000 lbs. Maximum allowable free fall is 2'. Applicable D-rings: Side, Shoulder.



Rescue/Confined Space: HitchClips may be used in Rescue/Confined Space applications. Rescue systems function to safely recover a worker from a confined location or after exposed to a fall. There are various configurations of Rescue systems depending on the type of rescue. Structure must withstand loads applied in the directions permitted by the system of at least 3,000 lbs. No free fall is permitted. Applicable D-rings: Dorsal, Chest, Shoulder.

**Capacity range (including all equipment): 130 - 310 lbs., or up to 420 lbs.
if used in combination with equipment explicitly certified for such use.**



WARNING IMMEDIATELY remove from service if exposed to forces of fall arrest.
For use by trained personnel only.

Maintenance, Cleaning, and Storage

Repairs to HitchClips can only be made by a Guardian Fall Protection representative or an entity authorized by Guardian. Contact Guardian for all maintenance and repair needs at: 1-800-466-6385. If a HitchClip fails inspection in any way, immediately remove it from service, and contact Guardian to inquire about its return or repair.

Proper care is important for maintaining the safety and longevity of HitchClips. Remove all dirt, corrosives, and contaminants from HitchClip before and after each use. If HitchClip cannot be cleaned with plain water, use mild soap and water, then rinse and wipe dry. NEVER clean HitchClip with corrosive substances. When not in use, store equipment where it will not be affected by heat, light, excessive moisture, chemicals, or other degrading elements.

Inspection

User must inspect prior to EACH use. Competent Person other than user must complete formal inspection at least every 6 months. Competent Person to inspect and initial.

Date of First Use: _____. Product lifetime is indefinite as long as it passes pre-use and Competent Person inspections.

This inspection log must be specific to one HitchClip. Separate inspection logs must be used for each HitchClip. All inspection records must be made visible and available to all users at all times.

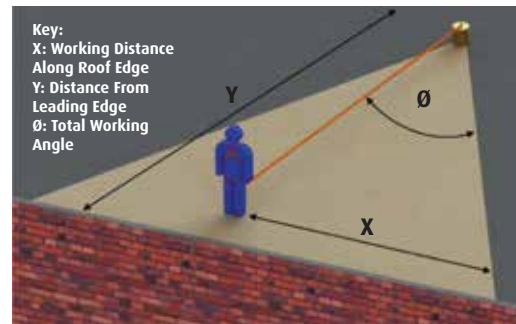
If equipment fails inspection IMMEDIATELY REMOVE FROM SERVICE.

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The below charts detail allowable working zones required to reduce risk of swing falls and improper side loading.
ALWAYS adhere to information specified by charts.

Anchor Distance From Leading Edge (Y)	Working Distance Along Roof Edge (Either Direction) (X)	Working Angle From Perpendicular (θ)
6'	8'	53°
10'	9' - 9"	45°
15'	11' - 7"	38°
20'	13' - 3"	33°
25'	14' - 6"	30°
30'	16'	28°
35'	17' - 2"	26°
40'	18' - 3"	24°
45'	19' - 4"	23°
50'	19' - 10"	21°
55'	21' - 4"	21°
60'	22' - 3"	21°



For example, if the anchorage connector is 6' from the leading edge (Y), the working distance (X) is 8' in each direction from the perpendicular, which translates to a 53° working angle.

Components and Specifications

Materials: aluminum.
 Minimum breaking strength: 5,000 lbs.

Fastener installation location (6)

Connection point



Installation and Use

Prior to installation:

Ensure minimum substrate thickness requirement is met, ensure all obstructions/debris are removed from substrate, and eliminate/minimize all swing fall hazards. HitchClip may be used in multiple installation applications. ALWAYS use new fasteners for each new installation application. All connections must be selected and deemed compatible with HitchClips by a Competent Person. Read and understand all instructions provided with accessories to be used in combination with HitchClip.

Minimum substrate thickness requirements:

- Wood: 3/4" CDX plywood.
- Metal: HitchClip may be installed onto metal substrates, providing there is a sufficient framing member beneath, as determined by a Competent Person.

Recommended fasteners (Not included. Use either screws OR nails):

- (6) 3 1/2" #10 Primeguard exterior screws, or equivalent, as determined by Competent Person.
- (6) 16d galvanized framing nails.

Installation:

1. Installation location must be selected and deemed compatible with HitchClip by a Competent Person.
2. Place HitchClip at selected installation location and install all fasteners. HitchClip must lie flush against substrate. Fasteners must be installed through roof sheathing and into truss or compatible support beam.
3. All (6) nails OR all (6) screws must be used, and must be fully embedded through sheathing and into truss or compatible support beam.
4. Connect complete and compatible PFAS to HitchClip connection point OR install compatible HitchClip accessory according to instructions provided with accessory. When used with compatible accessory, NEVER make any other connections to HitchClip.



[illegible]

En este cuadro se detallan las zonas de trabajo permitidas necesarias para reducir el riesgo de caídas pendulares y carga lateral inadecuada. SIEMPRE siga la información que se especifica en el cuadro.

Distancia de anclaje desde el borde progresivo (Y)	Distancia de trabajo a lo largo del borde del techo (en cualquier dirección) (X)	Ángulo de trabajo desde la perpendicular (θ)
6'	8'	53°
10'	9' - 9"	45°
15'	11' - 7"	38°
20'	13' - 3"	33°
25'	14' - 6"	30°
30'	16'	28°
35'	17' - 2"	26°
40'	18' - 3"	24°
45'	19' - 4"	23°
50'	19' - 10"	21°
55'	21' - 4"	21°
60'	22' - 3"	21°



Por ejemplo, si el conector de anclaje está a 6' del borde progresivo (Y), la distancia de trabajo (X) es de 8' en cada dirección desde la perpendicular, lo que implica un ángulo de trabajo de 53°.

Componentes y especificaciones

Materiales: aluminio.
Fuerza de tensión mínima tolerable: 5,000 lb.

Ubicación de la instalación del sujetador (6)

Punto de conexión



Instalación y uso

Antes de la instalación:

Asegure que se cumpla el requisito de espesor mínimo de sustrato, asegúrese de haber retirado todas las obstrucciones/residuos del sustrato y elimine/minimice todos los riesgos de caída por balanceo. Se puede usar HitchClip en diversas aplicaciones de instalación. SIEMPRE use sujetadores nuevos para cada instalación. Todas las conexiones deben seleccionarse y ser consideradas como compatibles con el dispositivo de anclaje HitchClip por una persona competente. Lea y comprenda todas las instrucciones proporcionadas con los accesorios para ser utilizados con HitchClip.

Requisitos mínimos de espesor de sustrato:

- Madera: 3/4 pulg. de contrachapado CDX.
- Metal: El HitchClip se puede instalar en sustratos de metal, siempre que existan suficientes barras de soporte por debajo, según lo determinado por una persona competente.

Sujetadores recomendados (No incluido. Use tornillos o clavos):

- (6) tornillos exteriores Primeguard de 3½ pulg. #10, o equivalente, según lo determine una persona competente.
- (6) clavos galvanizados de encuadre 16d.

Instalación:

1. La instalación debe seleccionarse y ser considerada como compatible con el dispositivo de anclaje HitchClip por una persona competente.
2. Coloque el HitchClip en el lugar de instalación seleccionado e instale todos los sujetadores. El dispositivo de anclaje HitchClip DEBE quedar al ras contra el sustrato.. El dispositivo de anclaje HitchClip debe quedar al ras contra el sustrato. Los sujetadores deben instalarse a través de las tejas del techo y el entramado o viga de soporte compatible.
3. Deben utilizarse todos (6) los clavos o todos (6) los tornillos y deben estar bien colocados a través de las tejas y en el entramado o viga de soporte compatible.
4. Conecte los PFAS completos y compatibles al punto de conexión de HitchClip o instale el accesorio de HitchClip compatible según las instrucciones proporcionadas con el accesorio. Cuando se utilicen con accesorios compatibles, NUNCA haga ninguna otra conexión a un HitchClip.

