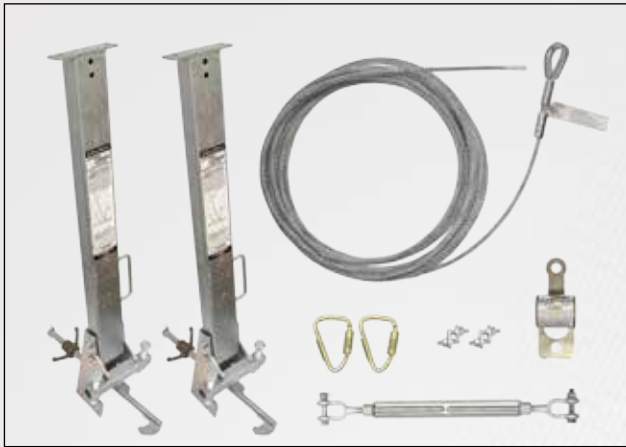


STEELGRIP®

TEMPORARY HORIZONTAL LIFELINE SYSTEMS



HLL Stanchion Systems



6033018



60310018

Steel Grip® Temporary Cable HLL Systems for Steel I-Beams

SteelGrip® Cable Horizontal Lifeline and Stanchion Systems provide temporary, portable and continuous anchoring for worksite conditions where typical anchorages along a walking surface are limited or nonexistent. SteelGrip HLLs can be configured as single or multi-span systems adapting to specific user's anchoring needs.

- Pre-configured in 30' and 60' single-span and 80' and 100' multi-span systems
- Single-span systems include one Coil Energy Absorber and two Stanchions while Multi-span systems have two Energy Absorbers and three Stanchions plus, an intermediate Pass-through Bracket. (Multi-span systems also include one Steel Shackle for 2nd Coil)
- 42" Plated Steel I-Beam Stanchions fit beam flanges up to 2¼" thick
- Plated Steel I-Beam Clamps available with flange width ranges of 4" to 12", 4" to 18" and 4" to 24" and include Steel Wing Nut adjusters

See Table below for specific system length and clamp configurations with Stanchion and Energy Absorber content.

All Systems listed in the table below include:

- SteelGrip® Stainless Steel Coil Energy Absorber (1 or 2 as needed)
- Intermediate Pass-through Bracket (for multi-span systems only)
- 21¼" Galvanized steel jaw and jaw Tensioning Turnbuckle
- SteelGrip® I-Beam Stanchions (2 or 3 as needed)
- 3/8" Galvanized Steel Cable with thimble-eye termination
- Galvanized Steel Wire Rope Clips and 2 Alloy Steel Carabiners

SYSTEM PART#	MAX. BEAM WIDTH	SYSTEM LENGTH	STANCHIONS	ENERGY ABSORBERS
6033012	12"	30'	2	1
6036012	12"	60'	2	1
6038012	12"	80'	3	2
60310012	12"	100'	3	2
6033018	18"	30'	2	1
6036018	18"	60'	2	1
6038018	18"	80'	3	2
60310018	18"	100'	3	2
6033024	24"	30'	2	1
6036024	24"	60'	2	1
6038024	24"	80'	3	2
60310024	24"	100'	3	2

Additional HLL Systems



6036018KM



60260A

SteelGrip® Temporary Rope HLL Systems for Steel I-Beams

Kernmantle HLL Systems with Stanchions are available in 60' single-span lengths with Stanchion Clamping Rods to fit 12", 18" or 24" wide I-Beams with flanges up to 2¼" thick.

All Systems listed in the table below include:

- 2 SteelGrip® I-Beam Stanchions with Clamping Bars and Wing Nuts
- 11/16" Kernmantle Rope Lifeline with stitched thimble-eye termination
- Integrated In-line Energy Absorber with Line Tensioner
- 2 Alloy Steel Carabiners, 2 Connecting O-rings and Gear Bag

Part #	Max. Beam Width	System Length	Stanchions
6036012K	12"	60'	2
6036018K	18"	60'	2
6036024K	24"	60'	2

SteelGrip® Temporary Cable HLL Systems

SteelGrip® Cable HLLs with Web Sling Anchors are configured as single-span systems only including 30' and 60' systems with 1 Coil Energy Absorber plus 80' and 100' systems with 2 Energy Absorbers.

All Systems listed in the table below include:

- 2pcs 6ft. Pass-through Sling Anchors
- 3/8" Galvanized Steel Cable with thimble-eye termination
- 21¾" Galvanized Steel jaw and jaw Tensioning Turnbuckle
- Galvanized Wire Rope Clips and 2 Alloy Steel Carabiners

Part #	System Length	Energy Absorbers	6' Anchors
60230A	30'	1	2
60260A	60'	1	2
60280A	80'	2	2
602100A	100'	2	2

Stanchions and Stanchion Parts

SteelGrip® I-Beam Stanchions

SteelGrip® I-Beam Stanchions sold individually allow users to tailor their own systems to meet specific worksite conditions. All SteelGrip Stanchions include common Post and Base components and include 1 of 3 different Beam Clamping Rods to adapt to the most common beam flange widths. Stanchion component parts are also available in select pairings and individually.

- Zinc Plated Steel Post and Base with Grade 5 bolts
- Zinc Plated Steel Beam Clamping Rod with adjusting Wing Nut
- Stanchion Base fits I-Beam flanges up to 2¼" thick and includes paired 7/8" Grade 5 mounting bolts for securing base to I-Beam
- Stanchion Post features mounting holes for adding Intermediate Pass-through Brackets for multi-span systems
- Stanchions are available with a standard range of adjustable Clamping Rods including 4" to 12", 4" to 18" and 4" to 24"

Part #	Description
603012K	I-Beam Stanchion with Base and 12" Clamp
603018K	I-Beam Stanchion with Base and 18" Clamp
603024K	I-Beam Stanchion with Base and 24" Clamp



Steel Grip® I-Beam Stanchion Component Parts

Part #	Description
630112CB	Stanchion Base with 12" Clamp
630118CB	Stanchion Base with 18" Clamp
630124CB	Stanchion Base with 24" Clamp
630012C	12" Clamping Rod with Wing Nut
630018C	18" Clamping Rod with Wing Nut
630024C	24" Clamping Rod with Wing Nut



Steel Grip® I-Beam Stanchion Replacement Parts

Part #	Description
630003B	Stanchion Base only
630042P	Stanchion Post only
630001T	Intermediate Pass-through Bracket
630002W	Adjusting Wing Nut



HLL Assemblies



62103D



62102C



622205T
Optional Tension Indicator



62204D
21 3/4" Galvanized Steel
Tensioning Turnbuckle

SteelGrip® Temporary Cable HLL Parts

In the event of a fall, SteelGrip® Coil Energy Absorbers will deploy and elongate to safely and predictably absorb the energy of the fall. SteelGrip Coil Energy Absorbers are available in various installation and replacement assemblies to meet the user's needs.

Part #	Energy Absorbers	Shackles	Turnbuckle
62103D	1	3	-
62102C	1	3	1
62202S	-	3	-
62204D	-	-	1
62201EA	1	-	-
62205T	Tension Indicator with Shackles		

Additional Coil Energy Absorber Assemblies available



620020



623020

SteelGrip® Temporary Cable HLL Assemblies

SteelGrip Cable HLL Assemblies are ideal for users that wish to configure single and multi-span systems by providing their own anchorages. Available in 10' increments from 20' up to 330' and pre-configured with all installation hardware included. Assemblies greater than 60' include 2 Coil Energy Absorbers.

- SteelGrip® Stainless Steel Coil Energy Absorber (1 or 2 as needed)
- 21 3/4" Galvanized Steel jaw and jaw Tensioning Turnbuckle
- 3/8" Galvanized Steel Cable with thimble-eye termination
- Galvanized Steel Wire Rope Clips and 2 Alloy Steel Carabiners

Steel Grip® Temporary HLL Replacement Cable

- 3/8" Galvanized Steel Cable with swaged-eye end-term and steel thimble
- Available in 10' increments from 20' up to 330'

Specifications and Typical Fall Clearance for SteelGrip® HLL Systems

Materials Specifications		
Cable HLL Systems		
Cable Lifeline:	3/8" Galvanized Steel 7x19	5,000 lbs. Minimum Static Strength
I-Beam Stanchion:	Plated Steel (Post, Base and Clamp Rod)	8,000 lbs. Minimum Static Strength
Carabiner:	Plated Alloy Steel	5,000 lbs. Min. Static Strength with 3,600 lbs. Gate Strength
Turnbuckle:	Galvanized Steel	Not Rated individually
Shackle:	Galvanized Steel	
Coil Energy Absorber:	Stainless Steel	
Wire Rope Clips/Thimble:	Galvanized Steel	
Cable Tension Indicator:	Plated Alloy Steel	
Pass-thru Sling Anchors:	Polyester Webbing with Steel D-rings	5,000 lbs. Minimum Static Strength
Kernmantle HLL Systems		
Rope Lifeline:	Nylon, 32-strand Kernmantle	12,000 lbs. Minimum Static Strength
Rope Tensioner:	Plated Alloy Steel	5,000 lbs. Minimum Static Strength
Connecting O-rings:	Plated Alloy Steel, 3" diameter	5,000 lbs. Minimum Static Strength
Energy Absorber:	Polyester Webbing	-

System Performance Specifications	
Static Strength:	5,000 lbs. Minimum
OSHA User Capacity:	310 lbs. Max. per User
2 Users Max per Single Span; 6 Users Max per Multi-span System	

Relevant Standards	
OSHA	1926.502
	1910.140

SteelGrip® Cable HLL Typical Fall Clearances				
Span Length	1 User 6' Free Fall SAL	2 Users 6' Free Fall SAL	1 to 2 Users Class A SRD	1 to 2 Users Class B SRD
30 feet	21.0'	23.0'	12.5'	15.0'
60 feet	24.0'	27.0'	16.5'	19.0'
100 feet	26.5'	33.5'	24.0'	26.5'
<i>SRD Clearances shown above are for Overhead applications. See Owner's Manual for complete clearance information</i>				



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Warning: All Fall Protection equipment should only be used after reading and understanding the manufacturer's instructions and proper training on the product. Failure to receive proper training and follow the manufacturer's instructions could result in serious injury or death.

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