


Product Family
Söll ShockFusion® Horizontal Lifeline System

Unique engineered design optimises safety performance

The Söll ShockFusion® horizontal lifeline (HLL) system reduces fall distance (minimised line deflection) while effectively managing system forces to maintain a safe connection to a variety of roof structures. The unique surface-mounted design eliminates the need to penetrate the roof structure, making installation quick and easy while reducing labour costs.



Product Numbers & Ordering Information

	Product Numbers	Details
	26386 / 1031361	Söll Fusion intermediate roof post Keeps forces close to the roof surface for a reduction in force to the post base
	26385 / 1031362	Söll ShockFusion system end & corner roof post Absorbs energy and reduces line deflection
	23496 / 1010609	Universal intermediate with cable guide - 8 mm Intermediate connection • Straight pass-through • Curves of 5 degrees or less
	25141 / 1019004	Intermediate all stainless steel 316 cable guide - 8 mm Intermediate connection • Straight pass-through • Curves of 5 degrees or less
	23510 / 1010612	Bendable intermediate - 8 mm Intermediate connection • Straight pass-through • Curves of 25 degrees or less
	26387 / 1031400	90 degree corner bracket Corner connection • Intermediate curves of 75 to 100 degrees



26388 / 1031401

45 degree corner bracket

Corner connection • Intermediate curves of 25 to 50 degrees



26400 / 1031363

Large base

for standing seam and membrane roofs



26402 / 1031364

Multipurpose base

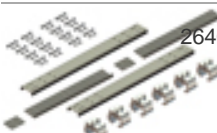
for metal sheeting and concrete roofs



26405 / 1031366

Söll ShockFusion Premium standing seam clamps kit

Connection of Söll ShockFusion end & corner post to standing seam spacing from 298 mm to 540 mm



26406 / 1031368

Söll ShockFusion Premium standing seam extension bars kit

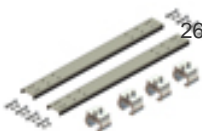
Connection of Söll ShockFusion end & corner post to standing seam spacing from 540 mm to 610 mm



26404 / 1031365

Söll Fusion Premium standing seam clamps kit

Connection of Söll Fusion intermediate post to standing seam spacing from 298 mm to 540 mm



26407 / 1031367

Söll Fusion Premium standing seam extension bars kit

Connection of Söll Fusion intermediate post to standing seam spacing from 540 mm to 610 mm



26450 / 1031370

Söll ShockFusion standard standing seam clamps kit

Connection of Söll ShockFusion end & corner post to standing seam spacing from 300 mm to 600 mm



26421 / 1031372

Toggle bolt for membrane roofing up to 150 mm (1 piece)

Connection of Söll ShockFusion or Söll Fusion post through membrane, insulation and into metal sheeting, with a combined thickness of up to 150 mm. Toggle bolt sold per one piece.



26422 / 1031373

Toggle bolt for membrane roofing from 150 to 280 mm (1 piece)

Connection of Söll ShockFusion or Söll Fusion post through membrane, insulation and into metal sheeting, with a combined thickness of > 150 mm up to 280 mm. Toggle bolt sold per one piece.



26420 / 1031371

Rivet kit with sealing washers & mastic tape for metal sheeting trapezoidal

Connection of Söll ShockFusion or Söll Fusion post to metal sheeting with minimum thickness of 0.5 mm



26447 / 1031375

Concrete expansion bolt anchor kit

Connection of Söll ShockFusion or Söll Fusion post to concrete decking with minimum thickness of 165 mm and minimum concrete compressive strength of 20 N/mm² (C 20/25 - C 50/60)



26402 / 1031402

Swageless cable end with tension indicator

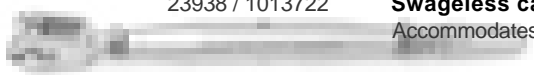
Includes a turnbuckle mechanism for tensioning and tension indicator to show when properly tensioned. Accommodates 8 mm cable.



26417 / 1031403

Swage cable end with tension indicator

Includes a turnbuckle mechanism for tensioning and tension indicator to show when properly tensioned. Accommodates 8 mm cable.



23938 / 1013722

Swageless cable end with tensioner

Accommodates 8 mm cable.



23500 / 1010550

Swage cable end with tensioner

Accommodates 8 mm cable.



23936 / 1013720

Swageless cable end

Accommodates 8 mm cable.



22609 / 1006701

Swage cable end

Accommodates 8 mm cable.



22613 / 1015900

7x7 Stainless steel cable

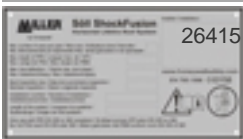
Cable diameter of 8 mm



27466 / 1030225

Söll Xenon automatic pass-through shuttle

Self-aligns for smooth pass-through of intermediate and corner brackets. A double-locking mechanism ensures security, yet allows for easy, one-hand operation.



26415 / 1031471

Identification plate

Available in aluminium and in the following languages: German, English, French and Dutch

Overview

Key Features

- Designed for light-weight industrial and commercial roof applications.
- Durable design for long-lasting, reliable installation
- Successfully tested for spans up to 20m (with loads <10kN and 4 users in the same span)

Increased mobility and safety for working at height

The new and unique end corner roof posts minimise lifeline deflection, and are certified for up to 6 workers.

- Low fall clearance installation is possible (i.e. in case of multiple roof elevations or lower level obstructions).
- This allows for installation at a nearer proximity to the edge (providing access to guttering, chimney)
- Rescue is made easier as the system minimises the distance a worker falls.
- The risk of additional workers falling (pulled by a first worker's fall) is decreased.

Durable design for long-lasting, reliable installation

- Direct attachment to the roof surface eliminates the need for structural roof penetration therefore reducing maintenance and repair.
- The energy-absorbing and load distributing design protects the underlying structure by keeping forces low whilst providing a secure connection to the roof.
- Stainless steel, zinc-plated and premium powder coated steel components ensure greater corrosion resistance and increased durability.

Time-efficient and cost-effective installation

- Specific energy absorbing technology integrated in the roof post allows the HLL system to be installed without an inline shock absorber.

- Direct attachment to the roof surface eliminates the need to open the roof.
- The standing seam base design with a unique “self-centering clamping mechanism” allows for quick installation.

Less Deflection

- Söll ShockFusion® End & Corner Posts are engineered to keep system forces consistently low during a fall while minimizing fall clearance requirements – ShockFusion Posts effectively manage system forces without tipping over. Competitive surface mount end posts tip over, adding excessive deflection into the line.

Applications

- Roof inspection and maintenance
- Air conditioning, ventilation fan and solar panel maintenance
- Skylight cleaning
- Debris removal from gutters
- Installation and maintenance of satellite dishes and other communication systems

Recommended Industries/Use

- Other
- Construction

Hazards

- Fall from height

Regulations

- Söll ShockFusion® HLL System conforms to EN795 Class C

Warranty Information

We sincerely believe that our fall protection equipment is the best in the world. Our products endure rigorous test to ensure that the fall protection equipment you trust is manufactured to the highest standards. Miller fall protection products are tested to withstand normal wear and tear, but are not indestructible and can be damaged by misuse. Our Limited Lifetime Warranty does not apply to normal wear and tear or abusive treatment of the product. In the unlikely event that you should discover defects in either workmanship or materials, under our Limited Lifetime Warranty, we will repair or replace the product at our expense. If a replacement is necessary and your product is no longer available, a comparable product will be substituted. Should a product issue surface, contact us at +33 248 53 08 97 (France, Spain, Portugal, North Africa) or +49 9281 8302 0 (Northern and Central Europe, Italy). Manufacturing specifications are subject to change without notice.

Certifications

Conformity licence Söll ShockFusion EN_2014

http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Fall_Protection/Permanent_Anchorage_Systems/4294983713/1033.aspx

Söll ShockFusion conformity license

Literature & Documents

Söll ShockFusion leaflet GB

http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Fall_Protection/Permanent_Anchorage_Systems/4294984677/1033.aspx

Söll ShockFusion Brochure

Söll ShockFusion Selection Guide UK

http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Fall_Protection/4294972947/1033.aspx

Söll ShockFusion Selection Guide

Söll ShockFusion Installer and User Instruction Manual EN

http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Fall_Protection/Permanent_Anchorage_Systems/4294984656/1033.aspx

Söll ShockFusion Installer and User Instruction Manual

SP453-Söll ShockFusion Bases

http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Fall_Protection/4294972951

/1033.aspx

Technical Specification Söll ShockFusion Bases

SP452-Söll_ShockFusion_Fusion_Posts

http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Fall_Protection/4294972950/1033.aspx

Technical Specification Söll Fusion Posts

SP454-Söll_ShockFusion_Corners

http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Fall_Protection/4294972952/1033.aspx

Technical Specification Söll ShockFusion Corners

SP455-Söll_ShockFusion_Components

http://www.honeywellsafety.com/Supplementary/Documents_and_Downloads/Fall_Protection/4294972953/1033.aspx

Technical Specification Söll ShockFusion Components

Training & Proper Use

Only a Miller Certified Installer can design, purchase and install a Söll ShockFusion System. Installers have been qualified and trained by Miller®. For any question regarding distribution or installation requests of the new Söll ShockFusion® system please contact the local Honeywell Product Sales Manager who has the ability to assess if a potential new partner meets the distribution strategy requirements in your region.

Additional Information

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Technical Support

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