



**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**

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

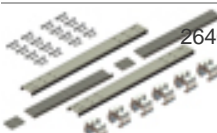
for metal sheeting and concrete roofs



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**

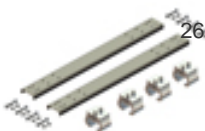
Connection of Söll ShockFusion end & corner post to standing seam spacing from 540 mm to 610 mm



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/mm<sup>2</sup> (C 20/25 - C 50/60)



26402 / 1031402

**Swageless cable end with tension indicator**

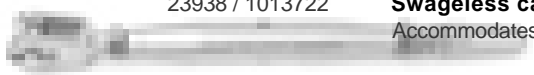
Includes a turnbuckle mechanism for tensioning and tension indicator to show when properly tensioned. Accommodates 8 mm cable.



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**

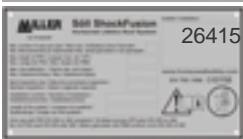
Cable diameter of 8 mm



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](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](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](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](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](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](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](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](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

France, Spain, Portugal, North Africa : +33 248 53 08 97 and email : [lignedevie.hsp@honeywell.com](mailto:lignedevie.hsp@honeywell.com)

Northern and Central Europe, Italy : +49 9281 8302 0 and email : [scs-hof@honeywell.com](mailto:scs-hof@honeywell.com)

## Technical Support

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Northern and Central Europe, Italy : +49 9281 8302 0 and email : [scs-hof@honeywell.com](mailto:scs-hof@honeywell.com)