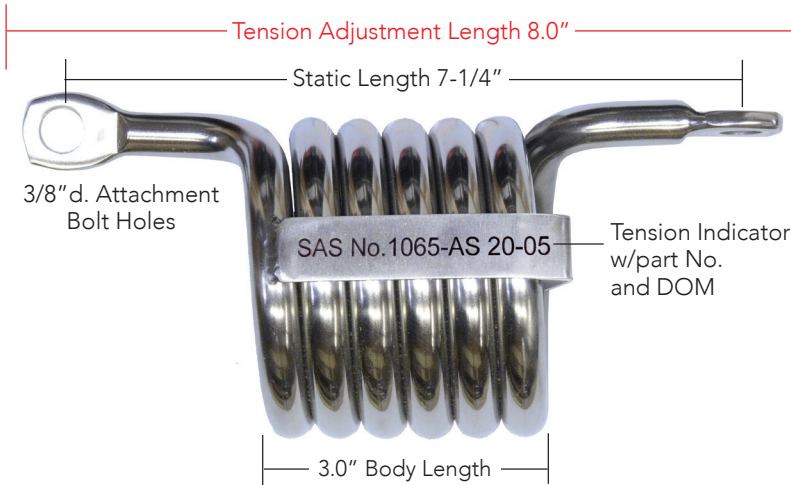


Horizontal Lifeline Energy Absorbers

SAS specifies 2 types of non-mechanical energy absorbers (E/A's) for permanent and temporary HLL systems. Couplers are required for rigging.



Spring E/A No.1065-AS

Use for permanent HLL's. The Spring E/A is mfg. with single length 12mm 304 sst rod that expands when a load is applied. A fail-safe non-mechanical* design that when fully deployed remains intact. Features a load indicator used for gauging the HLL tension during installation. The spring will uncoil when subjected to a fall or other force warning users and safety inspectors to remove the HLL from service until repairs can be made. Replaceable PID and inspection lables.

*No structural welds, components or moving parts.

HLL Tension

The load indicator makes HLL tension easy to adjust.

Load Indicator
Static Position

Load Indicator
w/300lbs Tension



Coupler Compatibility



Note: Attachment bolts and couplers are required for use with the Spring E/A and are sold separately. Order No. 1087-SA or 1087-SC couplers.



Compliance

OSHA 1926.502
3rd Party engineering
by DH Glabe & Assoc.
Request HLL report 11-2020

Package Contents

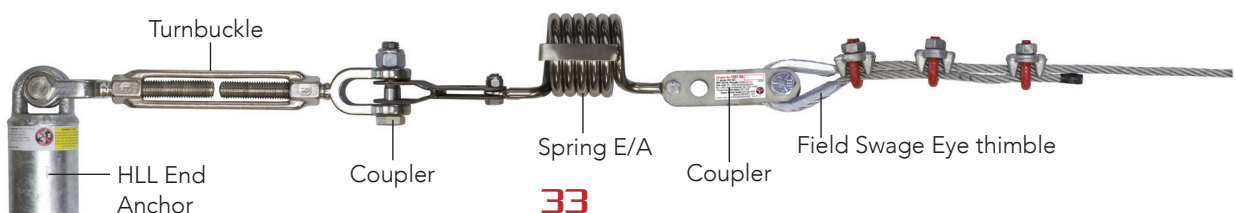
1 pc **No.1065-AS** w/PID, inspection labels and specification manual.

Note: Order couplers and bolts separately.

Performance Specifications:

Min. Tensile Strength: 5,000lb
Max. Tensile Strength: 7,500lb
Fall Arrest: 2 persons per ea. HLL leg
Fall Restraint: 4 persons ea. HLL leg
Max. User Wt. 340lb
Max. Free Fall Exposure: 6ft
Deployment avg. Peak Force: 2,000lb
Min. Deployment: 310lb/6ft= 21.0"
Max. Deployment Length: 52.0"
Static Length/Diameter: 7-1/4" x 3-1/4"
Material: 12mm 304sst rod.
Coupler Compatibility : 1087-SC/SA
Attachment Bolts: 3/8"x1.0" sst

SAS Standard HLL Rigging Example



33