NANO-LOK™ edge

SELF RETRACTING LIFELINE

FOOT LEVEL TIE OFF... NO PROBLEM.
SHARP EDGES... NO PROBLEM.

DBI SALA®

NANO-LOK™ edge

Applications

Three distinct applications

- Foot level tie-off
  - No overhead anchor point
    - Commercial construction
    - Refineries
    - Iron workers
    - Scaffolding
  - Replaces lanyards, reduces trip hazards
- Sharp edge
  - Potential “unrealized” hazard
    - Commercial construction
    - General industry
    - Iron workers
  - Driven by standards
    - EN 360 Sheet 54 and Sheet 60
- Combination of both

NANO-LOK™ edge

Nano-Lok™ *edge* is specifically designed for foot level tie-off. Anchoring at your feet may be your only option. Typical equipment is not designed for this application. It may cause…

- Trip hazards
- High fall arrest forces
- Fall clearance issues
- Sharp Edges lifline cut

TRIP HAZARD… NO PROBLEM

TRIP HAZARD

Lanyards, whether designed for foot level tie-off or not, go slack, creating snag and trip hazards.

NANO-LOK™ edge

The Nano-Lok™ *edge* retracts unused lifeline, virtually eliminating this potential.

IMPORTANT FALL ARREST FORCES… NO PROBLEM

FORCE

Products not specifically designed for foot level tie-off can generate forces exceeding 6 kN, well beyond CE parameters, in the event of a fall.

The Nano-Lok™ *edge* components work together to absorb the energy, limiting the average arresting forces to 6 kN or less. ?

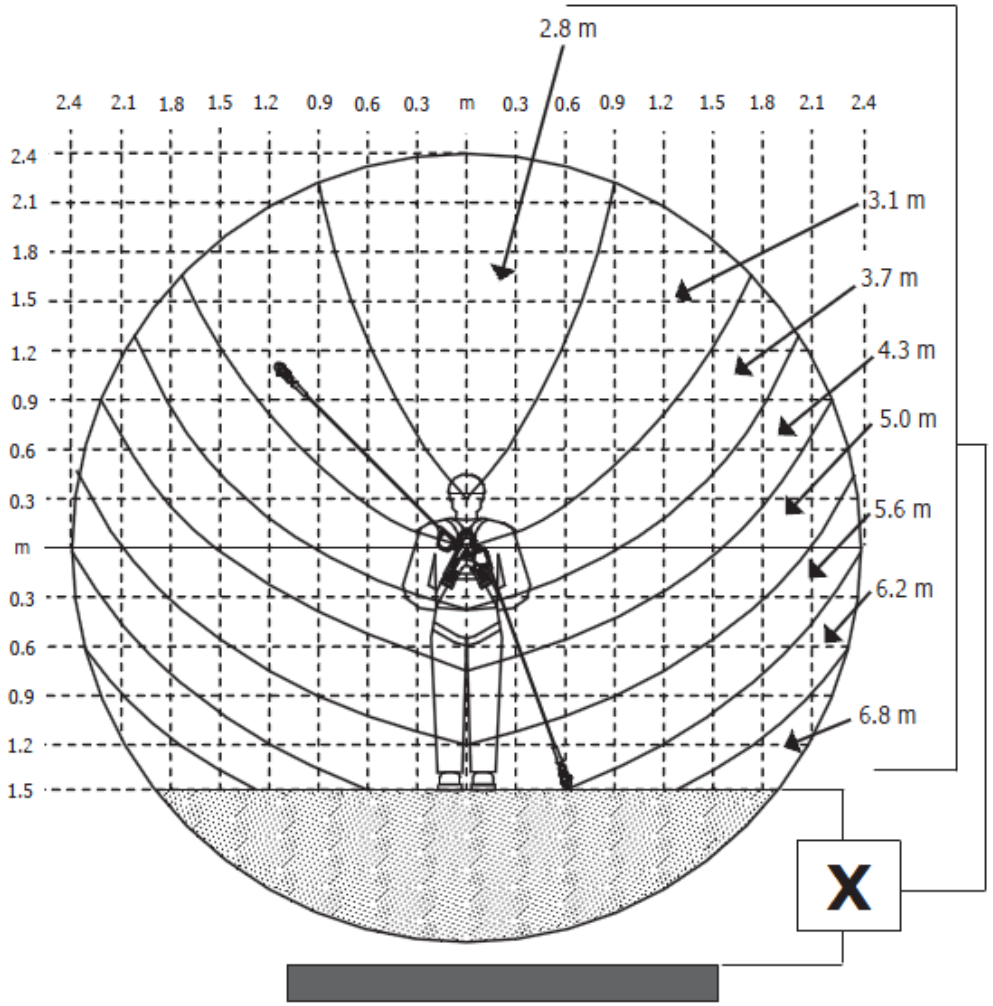
NANO-LOK™ edge

FALL CLEARANCE ISSUE… NO PROBLEM

FALL CLEARANCE

Traditional fall arrest lanyards require fall clearances of 6.75 m.

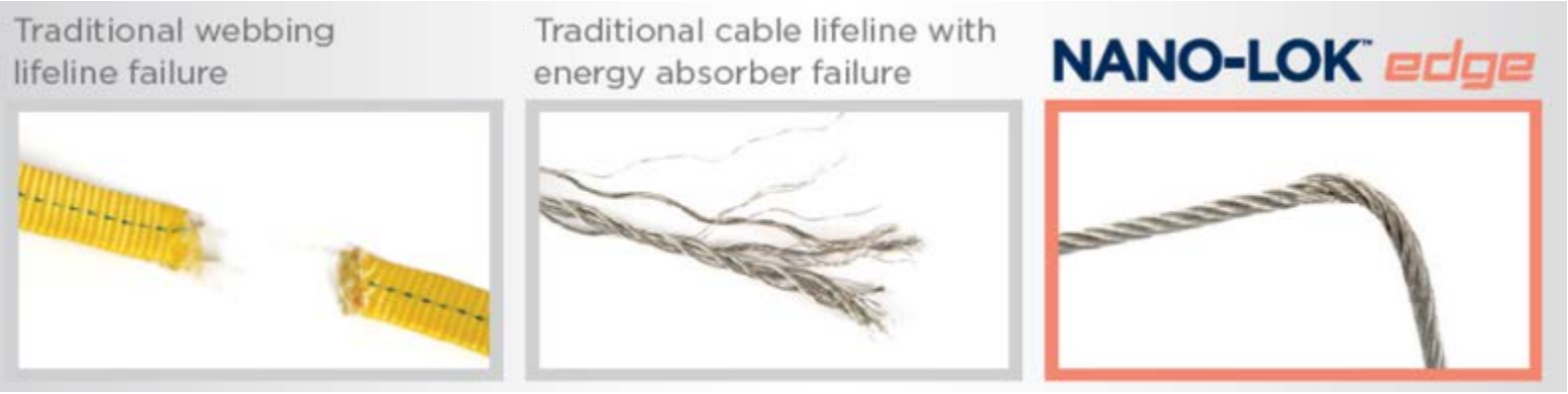
The Nano-Lok™ *edge* requires fall clearances as low as 5.6 m.



NANO-LOK™ edge

SHARP EDGES LIFELINE CUT… NO PROBLEM

- Sharp edges are found in many leading edge applications. From 0.5 mm radius, they represent a real danger in case of fall with a not appropriate fall arrest product.
- Fall with a traditional SRL or Lanyard on a sharp edge of 0.5 mm radius will likely cut the webbing or cable.
- BUT not the Nano-Lok edge or Talon edge with web who are certified for sharp edge according CE EN 360 VG11.60 (0.5 mm radius edge).
- BUT not the Nano-Lok edge with cable that even successfully pass falls on 0 mm radius : Extreme sharp edge (former CE EN 360 VG11.54 standard)



EXTREME SHARP EDGE COMPLIANCE WITH NANO-LOK EDGE CABLE

- Capital Safety offers a premium product with the cable version that will be safe whatever the edge and even on Extreme Edge : 0 mm radius. No other similar competitor.

- As it is extremely difficult to identify in the field the different edges, the Nano-Lok edge cable will be the preferred version.

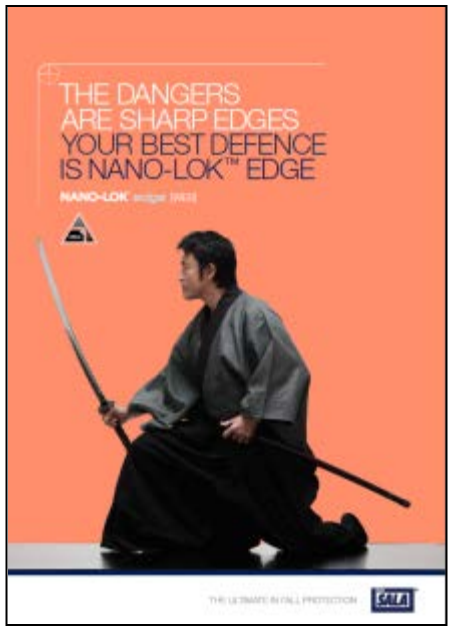
- It has a specific brochure and dedicated Extreme edge logo.

Extreme Sharp Edge Logo

SHARP EDGE COMPLIANCE WITH NANO-LOK EDGE WEB AND TALON WEB

- Capital Safety propose a compliant product with the web version (Nano-Lok and Talon) that will be safe up to 0.5 mm radius.

- With the recent standard evolution that keeps only 0.5 mm radius compliance VG11.60 and the other similar competitor products in web, it will be likely the most sold version



Sharp Edge Logo

NANO-LOK™ edge

FEATURES AND BENEFITS

A. Integrated, backpack-style energy absorber

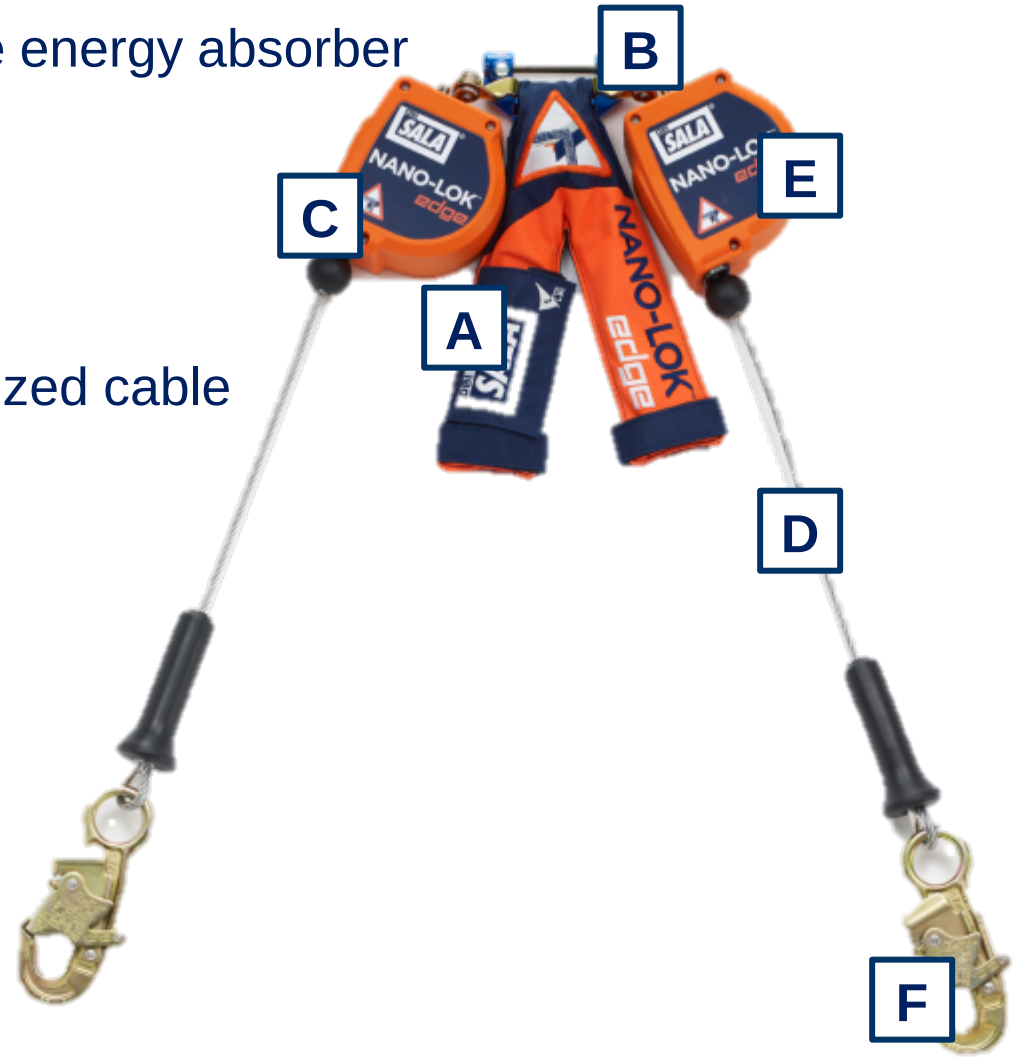
B. Easy to install connector

C. Global sharp edge icon

D. Tough and flexible galvanized cable

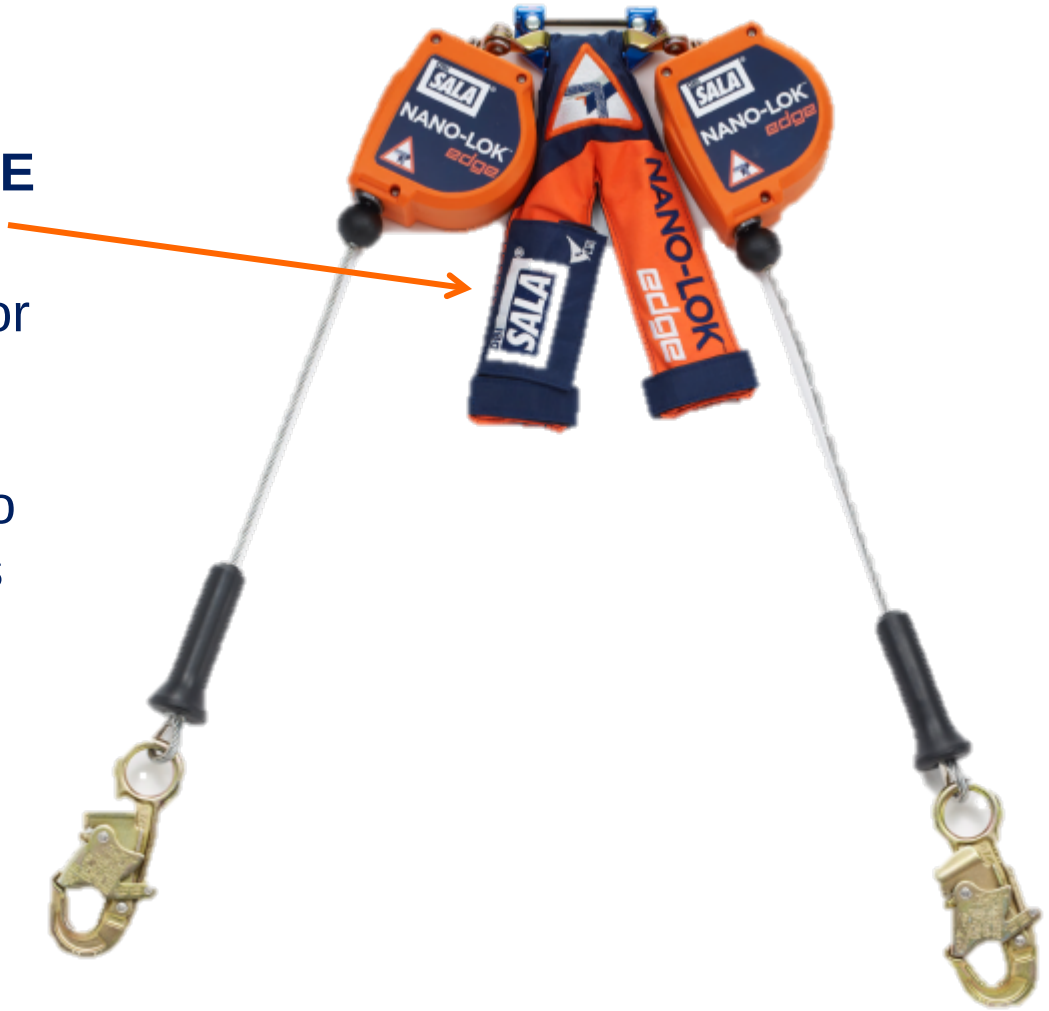
E. Impact-resistant housing

F. Hook options



INTEGRATED BACKPACK-STYLE ENERGY ABSORBER

The energy absorber and connector work together to limit forces to protect against sharp edges. Backpack design that stays tight to the harness and evenly disperses the unit's weight.



EASY TO INSTALL CONNECTOR

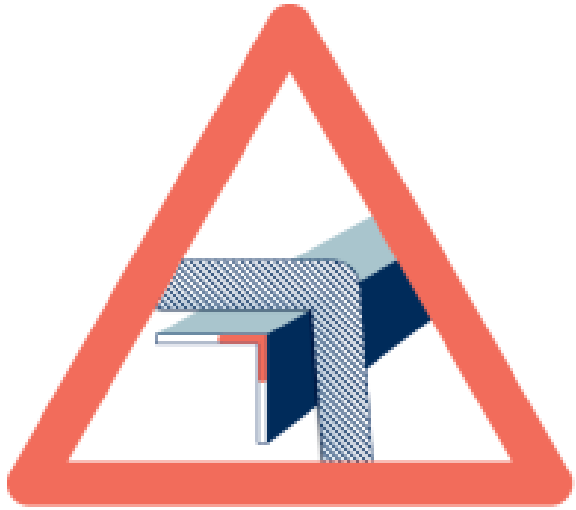
Providing 360 degrees of rotation, the direct-to-harness connection provides seamless integration of the energy absorber and leaves the D-ring open for rescue or other equipment.

No other possible connection to the harness.

GLOBAL SHARP EDGE ICON AND ORANGE COLOR

DBI-SALA universal icon to quickly and easily identity sharp edge product

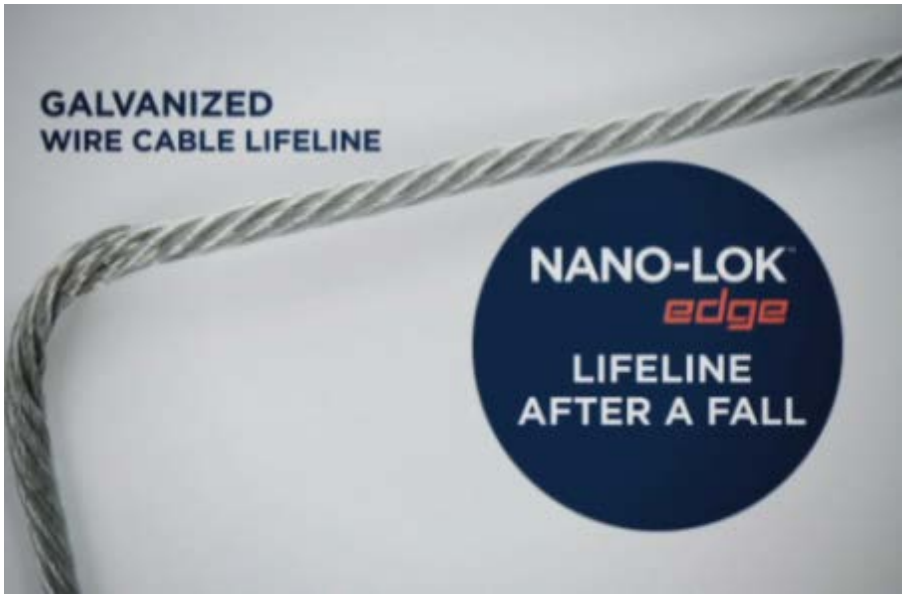
Orange casing color distinguish the Nano-Lok™ Edge version from the standard Nano-Lok™ version.



TOUGH AND FLEXIBLE GALVANIZED CABLE

The 2.5 m of 5 mm diameter cable or 20 mm width Dyneema webbing provides maximum range of motion, durability, and cut resistance.

The Nano-Lok™ *edge* components work together to absorb fall energy. This innovation allows us to use a small lightweight cable lifeline.



IMPACT-RESISTANT HOUSING

Lightweight thermoplastic housing provides maximum durability

HOOK OPTIONS

HOOK OPTIONS

Designed to meet your unique needs, the Nano-Lok™ *edge* comes in many configurations (scaffold hook, small opening karabiner, loop end, tie-bak…

NANO-LOK™ EDGE [WEB]

Lifeline Hook	
	Description
	Aluminium Captive Carabiner, 19 mm opening
	Aluminium Rebar snap Hook, detachable, 57 mm opening
	Aluminium Rebar Lock Hook 63.5 mm opening
	Aluminium Rebar Hook, 57 mm opening
	Tie-Back 0.9 m leg with steel hook
	Steel Snap hook, 19 mm opening
	Loop end
	Steel Rebar Lock Hook, 63.5 mm opening
	Steel Rebar Hook 50 mm opening

NANO-LOK™ EDGE [CABLE] – LIFELI

	Description
	Aluminium Captive Carabiner, 19 mm opening
	Aluminium Rebar Lock Hook, 63.5 mm opening
	Aluminium Rebar Hook 57 mm opening
	Steel Snap hook, 19 mm opening

NANO-LOK™ EDGE [TALON]

Bottom Lifeline Hook		Top anchorage Carabiner	
	Description		Description
	Aluminium Rebar Hook, 57 mm opening		Twist Lock Steel Carbiner, 19 mm opening
	Steel Snap Hook, 19 mm opening		Twist Lock Steel Carabiner, 17 mm opening
	Aluminium Rebar Hook, 57 mm opening		Twist Lock Aluminium Carbiner, 19 mm opening
	Aluminium Captive Carbiner, 19 mm opening		Twist Lock Aluminium Carabiner, 19 mm opening
	Aluminium Rebar Lock Hook, 63.5 mm opening		Twist Lock Steel Carabiner, 17 mm opening

COMPARE FOR YOURSELF NANO-LOK™EDGE CABLE

NANO-LOK™ EDGE V THE REST, NO CONTEST.

	NANO-LOK™ edge [cable]	Other Edge rated SRL's	Traditional personal SRL's	Edge Tested Lanyards	Fall Arrest Lanyards
Foot level tie off	✔	Yes	No	Yes	Yes
Extreme sharp edge performance (no radius)	✔	high failure risk	failure	high failure risk	failure
Retractable lifeline	✔	Yes	Yes	No. Trip hazard	No. Trip hazard
Clearance at foot level tie off	✔ 5.6m	>5.6m	n/a	6.35m	6.75m
Capacity at foot level	✔ 141kg	100kg	n/a	100kg	100kg - 130kg
Max Working length	✔ 2.5m	2-30m	2-30m	2m	2m