



Dynamic Self Retracting Lanyards

Staff working at height need suitable equipment to protect them against falls. The less obvious fact is that if the equipment is not designed correctly, it can pose serious hazards to the worker.

The speed of the equipment reaction and the forces it positions the user to is the issue. Which is where the award-winning **SpanSet Dynamic Self Retracting Lanyard (DSL)** is in a class of its own.

Designed by **SpanSet** in response to customer needs, the key to the lanyard's success is in minimising the fall distance. This, in turn, reduces the distance taken to dissipate the energy, while keeping the forces created to a safe and acceptable level. The DSL ensures that users are comprehensively protected against falls from height, the injuries resulting from collisions with any nearby hazards, and the forces exerted by safety equipment.

Ideal in situations where there is low clearance and a lack of overhead

anchorages, the hybrid lanyard, available in both single and double versions, retracts exactly like a fall arrest block, but can be used like a lanyard; anchored anywhere from below foot level to overhead.



Features and Benefits

- Retractable feature reduces fall distance and tangles/trip hazards.
- Suitable for continuous attachment
- The **Single DSL** (Code: SVLB-DSL) has one small retracting lifeline with one energy absorbing pack.
- The **Double DSL** (Code: SVLB-DSL2) features two small retracting lifelines with one common energy absorbing pack.
- 140kg User rating & edge tested
- UV tested
- Unlimited connection at any length
- Foot level tie off
- 10 year service life
- Certified to EN360 and AS1891.3
- Each DSL is supplied with clear instructions for use individually serial numbered for traceability.

Safe Clearance Heights For SpanSet DSL and SSL

When using fall arrest techniques and equipment it is important that the user is aware of the safe clearance distance required below their feet. The clearance distance includes:

- The distance required for the equipment to safely arrest a falling user
- An additional metre to provide a gap between the arrested user and the hazard below. Using the below tables you can identify the anchor position and work out the safe clearance distance required.

The SpanSet Double Self Retracting Lanyards (DSLs) and Single Self Retracting Lanyards (SSLs) have been independently tested by the Notified Body SATRA.

Testing covered all the worst case scenarios including those where:

- The anchorage is at the maximum extension below the user
- In the case of the DSL both legs are attached to an anchorage at the maximum extension below the user in all cases the mass was arrested with an impact force below the required 6kN. The clearance heights take into account the full length of the device having arrested the fall and an additional metre as set out in the standard to ensure there is a clear gap between the user and the obstacle beneath them.

SpanSet DSLs and SSLs are tested to be "Fit For Purpose".

Identify Your Anchor Point ● on the table below and read off the safe clearance you need Below Foot Level

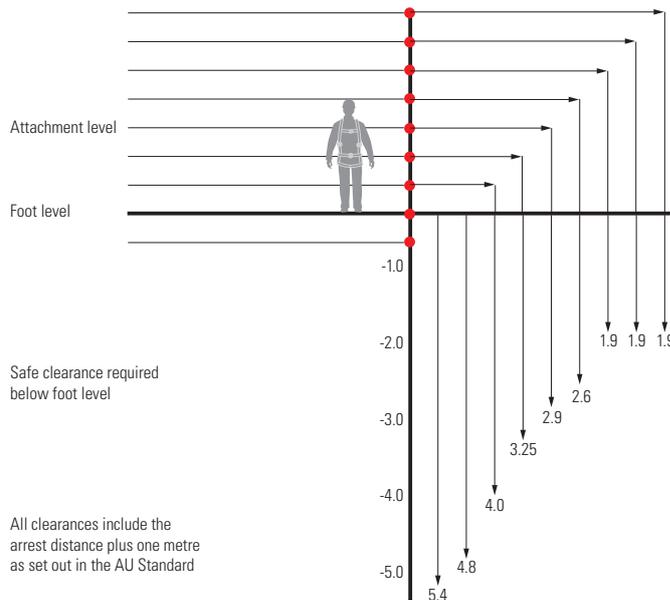
All Clearances Include the Arrest Distance plus one metre as set out in the AU Standard.



Single Dynamic Self Retracting Lanyard (SSL)



Double Dynamic Self Retracting Lanyard (DSL)



Standard Applications for SpanSet DSL and SSL

The DSL has been independently tested in all the worst case scenerios. In all cases impact forces remain below 6kN even when attached below at maximum extension or with both legs attached below at maximum extensions.

