

Part #	Size
CAS06	6 ft. (strap length)

INCLUDED IN

HLL02	2-Person HLL System (2 qty)
HLL04	4-Person HLL System (2 qty)

USER WEIGHT CAPACITY

ANSI	130–310 lbs. (140.6kg)
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LSD Safety 6 ft. Cross Arm Strap with 6,000 lb. Static Load Test

Anchorage Connector Test Data · Horizontal Lifeline Systems

The 6 ft. cross arm strap supplied with every LSD Safety 2-person and 4-person horizontal lifeline kit was tested to ANSI Z359.18–2017 Type T and passed all four requirements. It was also held at 6,000 lbs., 1,000 lbs. beyond the standard's 5,000 lb. static requirement.



Test Results: ANSI Z359.18–2017 Type T

Test	Requirement	Result	Status
Static Strength	Resist a static load of at least 5,000 lbs. (22.2 kN).	Held 5,000 lbs. for 3 minutes without breaking.	PASS
Static Strength: 6,000 lb. Load Test	Additional test beyond the standard.	Held 6,000 lbs. for 3 minutes.	PASS
Dynamic Strength	Successfully arrest the test weight.	Arrested the test weight.	PASS
Residual Strength	After the dynamic test, arrest the drop and hold the test weight in suspension for at least 1 minute.	Held the test weight for 1 minute without dropping.	PASS
Serviceability Load	No cracking, breaking or permanent deformation of load-bearing parts visible to the unaided eye.	2,500 lbs. for 3 minutes. No cracking, breaking or permanent deformation.	PASS

Materials:

- » **Large D-ring material:** Forged Steel
- » **Regular D-ring material:** Stamped Steel

Standards:

- » **Meets or Exceeds:** ANSI Z359.18–2017 Type T
- » **Static load:** Tested to 6,000 lbs.

Life Safety Devices

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