

REACHING NEW HEIGHTS IN FALL PROTECTION

75 Years of Expertise and
Safety Knowledge

Personal Fall Arrest System



Honeywell
MILLER

JOB SAFETY WHAT EVERYBODY NEEDS

Honeywell understands the need to keep workers safe and for the last 75 years that's just what we have tried to do with high quality products packed full of innovation. Getting workers home safe and to their families has been our mission.



A

**ANCHORAGE/
ANCHORAGE CONNECTOR**

Anchorage:

Commonly referred to as a tie-off point (Ex: I-beam)

Anchorage Connector:

Used to join the connecting device to the anchorage (Ex: beam anchor)

B

BODY WEAR

Body Wear:

The personal protective equipment worn by the worker (Ex: full-body harness)

C

CONNECTING DEVICE

Connecting Device:

The critical link which joins the body wear to the anchorage/anchorage connector (Ex: shock-absorbing lanyard, see below)

DO YOU KNOW YOUR ABC'S?



ANCHORAGE/ANCHORAGE CONNECTOR

Anchorage: Commonly referred to as a tie-off point
(Ex: I-beam, rebar, scaffolding, lifeline, etc.).

Anchorage Connector: Used to join the connecting device to the anchorage
(Ex: cross-arm strap, beam anchor, D-bolt, hook anchor, etc.)

- Anchorages must be capable of supporting 5,000 pounds (22kN) of force per worker
- Must be high enough for a worker to avoid contact with a lower level should a fall occur
- The anchorage connector should be positioned to avoid a "swing fall"



BODY WEAR

Body Wear: The personal protective equipment worn by the worker
(Ex: full-body harness).

- Only form of body wear acceptable for fall arrest is the full-body harness
- Should be selected based on work to be performed and the work environment
- Side and front D-rings are for positioning only



CONNECTING DEVICE

Connecting Device: The critical link which joins the body wear to the anchorage/
anchorage connector
(Ex: shock-absorbing lanyard, fall limiter, self-retracting lifeline, rope grab, etc.).

- Potential fall distance must be calculated to determine type of connecting device to be used. Typically:
 - Under 18.5 ft [5.6 m], use a self-retracting lifeline/fall limiter
 - Over 18.5 ft [5.6 m], use a shock-absorbing lanyard or self-retracting lifeline/fall limiter
- Should be selected based on work to be performed and the work environment
- Shock-absorbing lanyards can expand up to 3.5 ft [1.1 m] when arresting a fall
 - Attach lanyards to the harness back D-ring only
 - Never tie a knot in any web lanyard – it reduces the strength by 50%

THE ABC'S OF OUR PERSONAL FALL ARREST SYSTEM

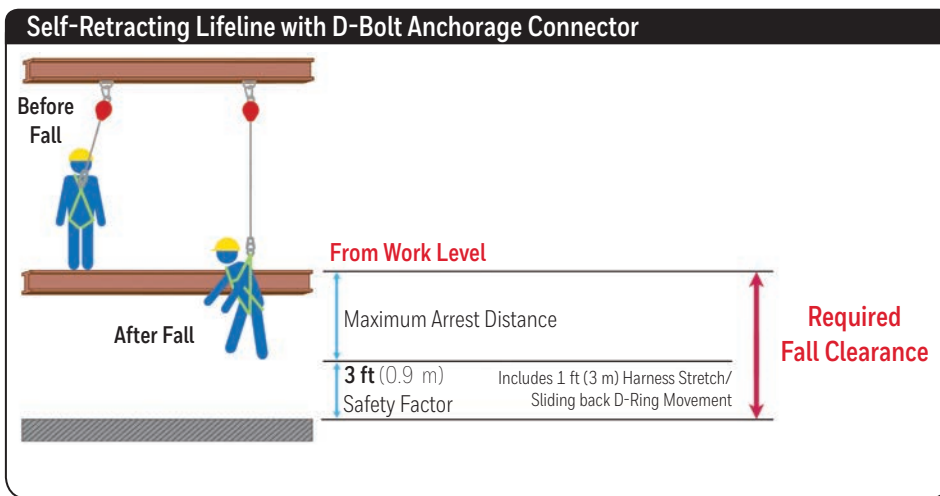
There are three key components of the Personal Fall Arrest System (PFAS) that must be in place and properly used to provide maximum worker protection. Individually, these components will not provide protection from a fall. However, when used properly and in conjunction with each other, they form a Personal Fall Arrest System that becomes vitally important to safety on the job site.

SELECT THE CORRECT FALL PROTECTION EQUIPMENT

Self-Retracting Lifeline or Shock-Absorbing Lanyard?
Always know your fall distance and select the correct equipment to meet the fall clearance

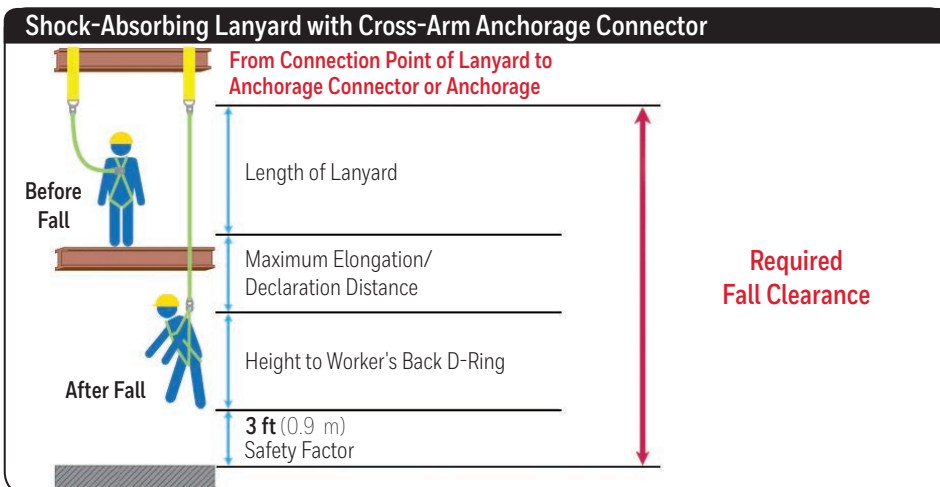
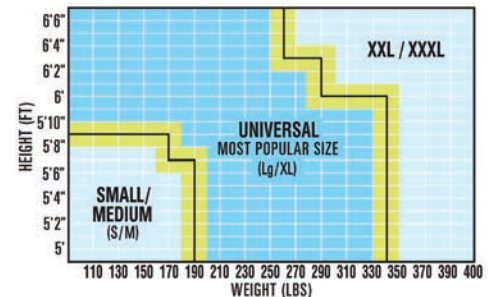
SELECTING THE CORRECT SELF RETRACTING LIFELINE OR SHOCK ABSORBING LANYARD

Using the guide below, calculate your fall distance and select the correct equipment to meet the fall clearance.



CHOOSING THE CORRECT HARNESS

Using our Harness guide, you can ensure you pick the correct size of Harness. It is important to have the right size to ensure it fits correctly and will keep you safe.



CALCULATE FALL CLEARANCE ANYTIME, ANYWHERE

HOW TO CALCULATE YOUR FALL CLEARANCE

Calculating your fall clearance and swing fall is critical to your safety. When working at height, it is important to know your fall clearance and swing fall whether using a shock-absorbing lanyard or a self-retracting lifeline (SRL). Required fall clearance must be calculated to determine the type of connecting device that should be used. We offer two options for calculating fall clearance:

Miller Fall Clearance Online Calculator

Calculating your fall clearance and swing fall is easily accessible anytime, anyplace, whether you're working from a desktop, smart phone, or tablet. Access the Fall Clearance Calculator at: <https://www.millerfalltraining.com/fallclearance>



THE GREAT TOOL YOU HAVE BEEN USING ONLINE IS NOW AVAILABLE AS AN APP - MAKING IT POSSIBLE TO CALCULATE YOUR FALL CLEARANCE ON ANY MOBILE DEVICE

- Real-time fall clearance results with animation
- Fall clearance calculations at your fingertips
- Lanyard and SRL calculations, including swing fall
- Ability to email results
- Multilingual support in English, Spanish, and French with metric conversion

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**THE
FUTURE
IS
WHAT
WE
MAKE IT**

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