



TECHNICAL DATASHEET

EASY 309

ALLOY STEEL QUARTER TURN LOCK CARABINER

STANDARD: CERTIFIED AS PER IS 3521(PART 5): 2021, EN362:2004  

Product Introduction:

- Quarter-Turn Carabiner is a high-strength connector designed for fall protection, rescue, and industrial applications. Featuring a quarter-turn twist-lock mechanism, it allows quick and secure gate closure while minimizing the risk of accidental opening. Made from durable steel with a corrosion-resistant finish, it provides reliable performance under heavy loads. Its design ensures safe loading along the major axis, making it ideal for anchor connections, lanyards, and rope systems in demanding work-at-height environments.

Features:

- Quarter-turn twist-lock mechanism for quick and secure gate locking.
- Corrosion-resistant finish for long-lasting durability in harsh environments.
- Smooth gate operation allows easy attachment and detachment.
- Designed for major axis loading to optimize strength and safety.
- Compatible with standard PPE and anchorage systems.



Product Specifications:

Model:	Easy 309
Material:	Alloy Steel
Breaking Strength:	23 kN (Minimum)
Type:	Quarter Turn
Opening:	19 mm
Weight:	170 gm (Approx.)

Benefits:

- Quick and Secure Locking:** Quarter-turn mechanism reduces accidental gate opening.
- Reduces Accidental Disengagement:** Twist-lock design prevents gate opening due to vibration or load movement.
- Improves Operational Safety:** Providing a secure and quick connection point that prevents accidental disconnection or load failure.
- Easy Operation:** Smooth gate action allows fast connection and disconnection.
- Enhanced Safety:** Designed for proper major axis loading to prevent side-loading.
- Easy Inspection:** Visible lock status confirms the carabiner is properly locked.



Quarter Turn Steel Carabiner

Applications:

- **Fall Protection Systems:** Connecting full-body harnesses to lanyards or anchor points.
- **Work Positioning:** Securing work-positioning lanyards for hands-free tasks at height.
- **Rescue Operations:** Linking rescue ropes and equipment for safe retrieval.
- **Rope Access & Climbing:** For safe attachment to ropes, anchors, and gear.
- **Industrial Rigging:** Temporary load connections, tag lines, or tool tethering.
- **Confined Space Entry:** Securing personnel or equipment inside confined spaces.

Industries:

The carabiners are essential for creating a temporary anchorage point for maintaining a safe and efficient working environment in any manufacturing, construction, utility related industries as follow.



Pharmaceutical



Chemical



Automobile



Food & Breweries



Marine



Transportation



Steel



General
Manufacturing



Oil & Gas



Power



Construction



Heavy
Manufacturing



Agriculture



FMCG

Safety Information:

- Do not exceed the carabiner's rated load.
- Do not side-load the carabiner. Always load along the major axis.
- Ensure the gate sleeve is fully locked before use.
- Load the carabiner along its major axis with the gate closed and locked.
- Remove from service if dropped from height or shows visible damage.

Usage Instruction:

- **Inspection:** The inspection of carabiners should focus on detecting any signs of distortion, cracks, dents, or improper installation.

Storage:

- Always keep the carabiners in a dry area away from ultraviolet rays. Also, it Can be stored and transported in their original cartons to avoid wear & tear due to atmospheric moisture, excessive heat or cold.