



TECHNICAL DATASHEET

EASY 313

ALUMINIUM ALLOY QUARTER TURN 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 aluminium alloy with a corrosion-resistant finish, it provides reliable performance under heavy loads. 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 313
Material:	Aluminium Alloy
Breaking Strength:	25 kN (Minimum)
Type:	Quarter Turn
Opening:	22 mm
Weight:	83 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:** Enhances operational safety by securely connecting equipment and loads, reducing the risk of accidental detachment or 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.



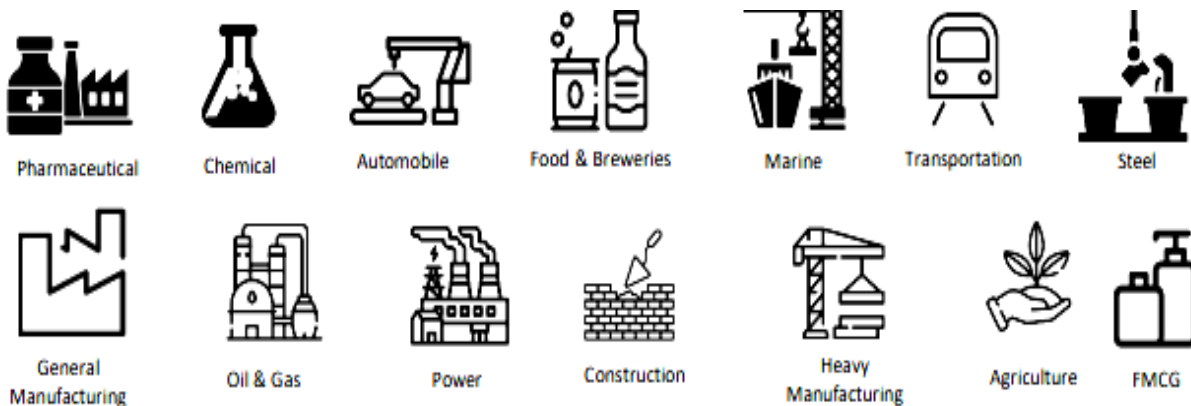
Quarter Turn Aluminim Carabiner

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.



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 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.