



Quick Release Coupling The Original QRC



CA14
Quick Release
Coupling
14,000lb (Ultimate)

The Drallim Group

Leading innovators in technology and quality

Drallim Industries Limited | Millwood House | Drury Lane | St. Leonards-on-Sea |
East Sussex | TN38 9BA | Tel: +44(0)1424 205140
Email: sales@drallim.com | Web: www.drallim.com

Designed for securing aircraft on deck, the Original Quick Release Coupling from Cargo Aids™ is a rugged tensioner for use in any heavy-duty cargo situation. The QRC is suitable for all rugged cargo applications in both the Marine and Aviation environment offering load capacities of 5,000lb, 10,000lb and 14,000lb in either standard or in 'anti-vibration' configurations (Pt. No. 100CA27). The quick release coupling is used in conjunction with CSK843 chains (Chain size 7.1 (9/32")) to secure and restrain aircraft and pallets being transported by ship, road, rail and air. Only the correct size chain should be used with the QRC.

- At one end is a double-jaw claw-type connector, operated by a quarter turn of a knurled hand grip, this attaches to a securing ring or other suitable strong-point.
- The other end of the coupling is a chain pocket, into which the nearest link of a length of chain lashing is located after all the slack has been taken up.
- The restraint is secured ready for final tensioning by means of a half-turn of the lock. Turning the built-in hand-wheel on the body of the coupling produces the required tension in the restraint.
- Quick release is effected by a quarter turn of the hand-grip. The design allows the user to release tension in the coupling whilst fully restrained allowing the load to be quickly freed for movement or deployment.
- As used on the C130 Hercules.

14,000 lb Ultimate Capacity

The Original Quick Release Coupling is suitable for all rugged cargo applications in both the Marine and Aviation environment offering load capacities of 5,000lb, 10,000lb and 14,000lb

No Tools Required

To provide means of attachment to, and tensioning of a chain fixed between an anchoring point and a deck or floor fitting, and quick release of such without the use of tools.

Specification

■ Cargo Aids™ designation:	Quick Release Coupling
■ Part Number:	CA14
■ Proof load:	10,000lb (4536 kg)
■ Ultimate Capacity:	14,000lb (6350 kg)
■ Weight without chain:	4.61lb (2.1 Kg)
■ Nato Stock Number (NSN):	3940-99-766-0785
■ Admiralty Pattern No:	0263/263061

Alternative units and ratings

Part number	Description	Rating	NATO Stock Number/Patents
CA14	Quick release Coupling (QRC)	6,350 kg (14,000lb)	NSN: 3940-99-7660785
100CA27	QRC with Anti-Vibration lock	4,536 kg (10,000lb)	UK Patent No. 2307531
C10	Quick release Coupling	4,536 kg (10,000lb)	NSN: 1670-99-130-2398
C5	Quick release Coupling	2,268 kg (5,000lb)	NSN: 1670-99-1028971



