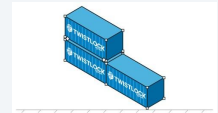


Double-Ended Manual Twistlock

TLA-STK-DMTL-01/02

Section 1 — **Container Stacking & Assembly**



CATEGORY 1
Stacking & Assembly

1 PRODUCT OVERVIEW

The double-ended manual twistlock is the industry-standard device for locking ISO containers together in vertical stacks. One unit engages the top corner casting of the lower container and the bottom corner casting of the upper container, and is locked or released by hand with a single lever that also shows the locked and unlocked positions. Twistlock Africa supplies two proven patterns, the TL-2 and the GLS BD-A2. Both fit ISO 1161 corner castings and do the same job in service.

2 KEY FEATURES

- Locks two ISO 1161 corner castings together vertically
- Single-lever manual operation with a visible locked / unlocked position
- Upper and lower cones engage both castings at once
- Hot-dip galvanised (silver) for marine and outdoor corrosion resistance
- Type certified by a classification society; certificate on request

3 PAIRS WITH

	Stacking cone — dummy single TLA-STK-CONE-L1D View online >	Fit in the two corners not fitted with twistlocks: a cost-effective static stack with two twistlocks and two dummy cones per level.
	Bridge clamp TLA-STK-BRC-280 / -380 View online >	Locks adjacent containers together horizontally; with twistlocks the stack is locked both vertically and horizontally.
	Vertical spacer TLA-STK-VSP-400 ... -1000 View online >	Creates a service gap between stacked containers; the upper container is secured with double-ended twistlocks.
	Deck socket — raised TLA-ANC-DSKR-110S / -110D View online >	Weldable ISO sockets that take the lower cone, for fixing the bottom container to a deck or structure.
	Deck socket — flush TLA-ANC-DSKF-S / -DL / -DT / -Q View online >	Weldable ISO sockets set flush with the deck that take the lower cone, where the deck must stay level.



TL-2 pattern
SKU TLA-STK-DMTL-01



BD-A2 pattern
SKU TLA-STK-DMTL-02

4 APPLICATIONS

- Vertical container stacking on ships and ashore
- Container buildings, billboards and multi-storey structures

5 LATEST REVISIONS & DOWNLOADS

CHECK FOR THE LATEST REVISION



This datasheet REV 5 · 2026-10-20

2D drawings [TLA-DRW-STK-DMTL-01](#) (TL-2)
[TLA-DRW-STK-DMTL-02](#) (BD-A2)

3D model (STEP) [Available on request](#)

Scan the QR or visit [twistlockafrica.co.za/go/tla-stk-dmtl-01](https://www.twistlockafrica.co.za/go/tla-stk-dmtl-01) for the latest issue of this datasheet, drawing and model.

6 LOAD & PERFORMANCE DATA

Parameter	Tension	Shear	Compression
Safe Working Load (SWL)	250 kN	210 kN	1000 kN
Minimum Breaking Load (MBL)	500 kN	420 kN	2000 kN

Ratings apply to both patterns (TL-2 and BD-A2).

7 DIMENSIONS

Dimension	Value
Overall height — TL-2 pattern	approx. 160 mm
Overall height — BD-A2 pattern	approx. 166 mm
All other dimensions	See drawings TLA-DRW-STK-DMTL-01 (TL-2) and TLA-DRW-STK-DMTL-02 (BD-A2), issued separately

8 SPECIFICATIONS

Material	Heat-treatable steel, forged
Finish	Hot-dip galvanised (silver) — no colour options
Unit mass	4.23 kg
Applicable standard	ISO 1161 (corner casting interface)
Class approval	Type certified — certificate available on request
Compatibility	All ISO containers with ISO 1161 corner castings (6 m / 12 m, GP and high-cube)
Country of origin	Imported
Variants	Left-hand and right-hand locking (both patterns).
What's included	Supplied as a single complete unit — no loose parts

9 INSTALLATION NOTES

Seat the lower cone in the top corner casting of the bottom container; land the upper container onto the twistlock; move the lever to the locked position and check it. Reverse to release.

10 SAFETY NOTICES

⚠ SAFETY

Check that every unit is locked before lifting or leaving a stack. Never exceed the stated SWL. Inspect the twistlock and the mating castings for damage before each use. Twistlocks are securing devices, not lifting points.

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