Trailer twistlock (Trailer lock)

TLA-TRN-TRTL-01 Section 5 — **Container Transporting**



CATEGORY 5
Container Transporting

1 PRODUCT OVERVIEW

Core retracts so the twistlock does not protrude through the trailer deck when not securing a container — trailer can be used for other purposes. The core can be replaced without removing or modifying the twistlock body. Comes with a long handle (customisable). Installation requires cutting a penetration in the trailer deck and welding the top plate in position. Alternative use: welding twistlocks directly onto structures to be lowered onto and locked to containers.



2 SPECIFICATIONS AT A GLANCE

SKU / Part No.	**TLA-TRN-TRTL-01**
Material	Steel
Load Rating	SWL Tension: 250 kN · SWL Shear: 210 kN (MBL Tension: 500 kN · MBL Shear: 420 kN)
Finish	*On application*
Applicable Standard	ISO 1161
Unit Weight	*On application*

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3 LOAD & PERFORMANCE DATA

Load Rating (SWL / MBL)	SWL Tension: 250 kN · SWL Shear: 210 kN (MBL Tension: 500 kN · MBL Shear: 420 kN) — TLA drawing TTL-LH

4 DIMENSIONS & WEIGHT

Dimension	Value
Overall Dimensions (L × W × H)	150 × 150 mm flange; 127 mm body height; travel 172 mm up / 230 mm down
Unit Weight	*On application*

5 MATERIALS, FINISH & COMPLIANCE

Material / Construction	Steel
Finish / Coating	*On application*
Applicable Standards	ISO 1161
Compatibility / Fitment	*On application*
Country of Origin	*On application*

6 APPLICATIONS

- Container securing on flatbed trailers
- securing containerised structures (e.g. MCC units) to container top corner castings

7 SAFETY NOTICES

⚠ **SAFETY**

Never exceed the stated safe working load. Inspect the unit and mating corner castings for damage before each use.

8 DRAWINGS, 3D MODELS & LATEST REVISIONS

CHECK FOR THE LATEST REVISION

This datasheet	DRAFT A · 2026-08-20 — verify current issue online
2D dimensioned drawing	Included in this document (page 3) — verify latest revision online
3D model (STEP)	Available on request (STEP) — verify latest version online

Scan the QR code or visit twistlockafrica.co.za/go/tla-trn-trtl-01 to confirm you hold the latest issue of this datasheet, drawing and 3D model before manufacturing or installation. Fields marked "On application" are pending final specification sign-off and will be populated at first issue (REV 0).

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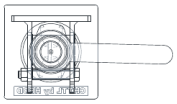
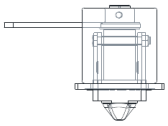
9 DIMENSIONED DRAWING / PRODUCT SHEET — TLA-DRW-TRN-TRTL-01 DRAFT A (FROM 3D MODEL)



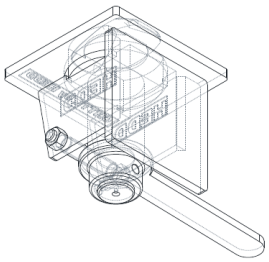
FRONT
↔ 270 ↕ 150 mm



RIGHT
↔ 270 ↕ 195 mm



TOP
↔ 150 ↕ 195 mm



LOADS		SHEAR [kN]	TENSION [kN]
BREAKING LOAD	BL	On application	On application
SAFE WORKING LOAD	SWL	On application	On application
TOTAL WEIGHT: TBC			

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Overall envelope from 3D model: 150 × 195 × 270 mm · third-angle · do not scale · detail dimensions per 3D model (STEP on request) · load ratings on application — see datasheet

TRAILER TWISTLOCK

TLA-TRN-TRTL-01
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Twistlock Africa (Pty) Ltd
Gauteng, South Africa
www.twistlockafrica.co.za

TWISTLOCK africa

ralph@twistlockafrica.co.za
+27 (0)82 825 1852
Pricing & certification on application

LATEST REV