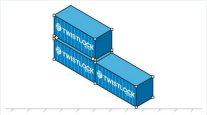
Horizontal Twistlock

TLA-STK-HTL-01 Section 1 — **Container Stacking & Assembly**



CATEGORY 1
Stacking & Assembly

1 PRODUCT OVERVIEW

The horizontal twistlock couples two containers through the side apertures of adjacent ISO 1161 corner castings. Each cone head enters a side aperture and turning the lever locks both heads, so the two containers are held together as one unit. Two units couple two containers end to end, for example two 20 ft containers into a single 40 ft unit; four are recommended for a rigid side-by-side configuration. The horizontal twistlock is rated in tension. It is also available with a flanged end plate, for fixing structures to the corner casting, and with a D-ring, for connecting lashing and rigging.



Horizontal twistlock
SKU TLA-STK-HTL-01



Cone heads and locking handle
Each head enters a corner-casting side aperture

2 KEY FEATURES

- Couples two containers end to end or side by side through the corner-casting side apertures
- Manual lever locks both cone heads with one action
- Two per end-to-end coupling; four recommended side by side
- Forged twistlock with a cast steel body, hot-dip galvanised
- Flanged (end-plate) and D-ring variants, same tension rating
- Type approved by a classification society; certificate on request

3 PAIRS WITH

	**Corner castings** TLA-FAB-CC-01 View online ›	ISO 1161 corner castings with the side apertures the horizontal twistlock engages, for fabricated frames and conversions.
	**Double-ended manual twistlock** TLA-STK-DMTL-01 / -02 View online ›	Locks stacked containers vertically; with horizontal twistlocks the containers are coupled in both directions.

4 APPLICATIONS

- Coupling two 20 ft containers end to end into a single 40 ft unit
- Side-by-side coupling for site offices, container buildings and container stacks
- Fixing walkways, roofs, masts and staircases to the corner casting (flanged variant)
- Anchoring lashing, guy lines and rigging at the corner casting (D-ring variant)

5 LATEST REVISIONS & DOWNLOADS

CHECK FOR THE LATEST REVISION

This datasheet	REV 2 · 2026-10-20
2D drawings	TLA-DRW-STK-HTL-01
3D model (STEP)	Available on request

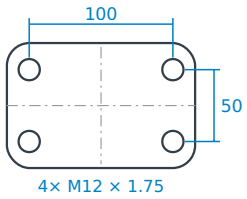
Scan the QR or visit twistlockafrica.co.za/go/tla-stk-htl-01 for the latest issue of this datasheet, drawing and model.

6 LOAD & PERFORMANCE DATA

Parameter	Tension
Safe Working Load (SWL)	100 kN
Minimum Breaking Load (MBL)	200 kN

Rated in tension only. Ratings apply to all three variants.

7 VARIANTS & DIMENSIONS

	Variant	Description	Mass
	**Horizontal twistlock** TLA-STK-HTL-01	Couples two corner castings through their side apertures. Body 88 × 77 mm; neck 50 × 22 mm; collar 22 mm; end view Ø76 mm. See drawing TLA-DRW-STK-HTL-01.	4.8 kg
	**Horizontal twistlock with end plate (flanged)** TLA-ATT-HTLEP-01	Adapter plate for fixing structures and accessories to the side aperture. 4 × M12 coarse (1.75) tapped holes at 100 × 50 mm centres, the same as the domino clamp. Image typical. 	approx. 6 kg
	**Horizontal twistlock with D-ring** TLA-ATT-HTLSH-01	Articulating D-ring for connecting lashing and rigging to the side aperture.	approx. 5.5 kg

8 SPECIFICATIONS

Material	Forged twistlock, cast steel body
Finish	Hot-dip galvanised
Class approval	Type certified — certificate available on request
Compatibility	All ISO containers with ISO 1161 corner castings (side aperture)
Country of origin	Imported

9 INSTALLATION NOTES

Align the corner castings, insert the twistlock so each cone head enters a side aperture and turn the lever to lock both heads. Use two units end to end and four side by side. Flanged and D-ring variants lock into one aperture.

10 SAFETY NOTICES

⚠ SAFETY

Check every unit has locked before moving or loading the coupled containers. Never exceed the tension SWL. Horizontal twistlocks and their variants are not lifting points: confirm the lifting plan before lifting coupled containers as one unit. Inspect the twistlock and the mating castings before each use.

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