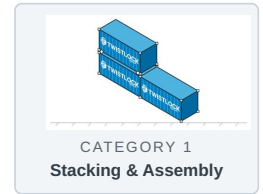


Stacking Cones — Locally Fabricated

TLA-STK-CONE-L1 ... L4

Section 1 — Container Stacking & Assembly



1 PRODUCT OVERVIEW

Locally fabricated stacking cones locate stacked ISO containers. Each cone seats in a top corner casting of the container below and guides the container above onto it, stopping it sliding. Cones locate; they do not lock. Made in South Africa in eight configurations: single, dummy, double side-by-side (258 mm or 204 mm centres, or 180 mm tight-fit), double transverse (279 mm, or 205 mm tight-fit) and quad (2 × 2). The dummy cone is used with double-ended manual twistlocks: two twistlocks and two dummy cones per container is a cost-effective permanent installation. Imported cast cones are on datasheet DS-TLA-STK-CONE-01.

2 KEY FEATURES

- Eight configurations, including tight-fit doubles for closely spaced containers
- Dummy cone for twistlock + dummy-cone permanent installations
- Locally fabricated — short lead times
- Primer coated; hot-dip galvanised on request

3 PAIRS WITH

	Double-ended manual twistlock TLA-STK-DMTL-01 / -02 View online >	Two twistlocks plus two dummy cones per container: the usual permanent installation.
	Semi-automatic twistlock TLA-STK-SATL-01 / -02 View online >	Locks the stack where cones alone are not enough — wind, lifting or work at height.
	Vertical spacer TLA-STK-VSP-400 ... -1000 View online >	Creates a service gap between stacked containers where a direct connection is not wanted.



4 APPLICATIONS

- Container buildings and site offices (dummy cone with twistlocks)
- Depot and yard stacking; side-by-side and transverse container blocks
- 2 × 2 container blocks (quad cone)

5 LATEST REVISIONS & DOWNLOADS



CHECK FOR THE LATEST REVISION

This datasheet REV 1 · 2026-10-20

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

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

6 LOAD & PERFORMANCE DATA

Parameter	Compressive strength (per cone)
All local variants — L1 ... L4	> 500 kN

Twistlock Africa rating. Rated in compression only — cones locate, they do not lock.

7 VARIANTS & DIMENSIONS

	Variant	Description
	Single stacking cone TLA-STK-CONE-L1	One corner casting.
	Dummy stacking cone TLA-STK-CONE-L1D	One corner casting; used with double-ended manual twistlocks (two of each per container).
	Double, side-by-side TLA-STK-CONE-L2S / L2S204 / L2SF	Two side-by-side containers. Centres 258 mm (L2S), 204 mm (L2S204) or 180 mm tight-fit (L2SF).
	Double, transverse TLA-STK-CONE-L2T / L2TF	Containers end to end. Centres 279 mm (L2T) or 205 mm tight-fit (L2TF).
	Quad stacking cone TLA-STK-CONE-L4	Four containers in a 2 × 2 block.

8 SPECIFICATIONS

Material	Mild steel, fabricated
Finish	Primer coated (colour on request); hot-dip galvanised on request
Unit mass	Single cone (TLA-STK-CONE-L1): 1.9 kg
Applicable standard	ISO 1161 (corner casting interface)
Compatibility	ISO containers with ISO 1161 corner castings
Country of origin	Made in South Africa

9 INSTALLATION NOTES

Choose the configuration to suit the container layout; use the tight-fit doubles where containers stand close together. Place the cones in the top corner castings of the lower containers, cones uppermost. For a permanent installation fit double-ended manual twistlocks in two corners and dummy cones in the other two. Lower the upper container straight down so its corner castings seat over the cones.

10 SAFETY NOTICES

⚠ SAFETY

Stacking cones locate but do not lock: they give no resistance to lift. Where wind, crane movement, people working at height or a permanent installation are involved, use twistlocks instead. Not lifting points. Inspect cones for cracks, wear and deformation before use; replace damaged cones.

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