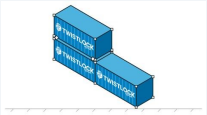
Vertical Spacer

TLA-STK-VSP-400 … -1000

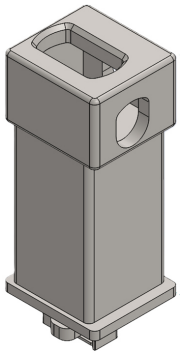
Section 1 — **Container Stacking & Assembly**



CATEGORY 1
Stacking & Assembly

1 PRODUCT OVERVIEW

The vertical spacer sets a uniform gap between two stacked containers, so that cable trays, pipework, walkways and plant can be installed below the upper container. One spacer is fitted at each corner and locks to the lower container's corner casting; the upper container is then secured on top with standard double-ended manual or semi-automatic twistlocks, giving a rigid connection suited to exposed, wind-loaded installations. Made to order in heights from 400 mm to 1000 mm in 100 mm steps.



2 KEY FEATURES

- Uniform gap of 400 to 1000 mm in 100 mm steps — one SKU per height
- Locks to the lower container's corner castings
- Upper container secured with standard twistlocks
- Optional lugs, gussets and brackets to suit the design
- Structural steel S355JR, hot-dip galvanised as standard

3 PAIRS WITH

	**Double-ended manual twistlock** TLA-STK-DMTL-01 / -02 View online ›	Secures the upper container to the top of the spacers.
	**Semi-automatic twistlock** TLA-STK-SATL-01 / -02 View online ›	Alternative to manual twistlocks for securing the upper container.
	**Stacking cones** TLA-STK-CONE View online ›	Locate containers in the same stack where no gap is needed.

4 APPLICATIONS

- Container buildings needing a services gap
- Cable trays, pipework, walkways and plant below the upper container
- Exposed, wind-loaded multi-container structures

5 LATEST REVISIONS & DOWNLOADS

CHECK FOR THE LATEST REVISION

This datasheet	REV 1 · 2026-10-20
2D drawings	TLA-DRW-STK-VSP-01 (height range)
3D model (STEP)	Available on request

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

6 LOAD & PERFORMANCE DATA

Rated per project: the safe working load is stated on the fabrication drawing supplied with each order. The twistlock seat adds to the gap: H + 28 mm with a double-ended manual twistlock.

7 VARIANTS & DIMENSIONS

Dimension	Value
TLA-STK-VSP-400	Spacer height H 400 mm · gap with double-ended manual twistlock 428 mm
TLA-STK-VSP-500	Spacer height H 500 mm · gap with double-ended manual twistlock 528 mm
TLA-STK-VSP-600	Spacer height H 600 mm · gap with double-ended manual twistlock 628 mm
TLA-STK-VSP-700	Spacer height H 700 mm · gap with double-ended manual twistlock 728 mm
TLA-STK-VSP-800	Spacer height H 800 mm · gap with double-ended manual twistlock 828 mm
TLA-STK-VSP-900	Spacer height H 900 mm · gap with double-ended manual twistlock 928 mm
TLA-STK-VSP-1000	Spacer height H 1000 mm · gap with double-ended manual twistlock 1028 mm
Other heights	Made to order — state the height required

8 SPECIFICATIONS

Material	Structural steel, S355JR
Finish	Hot-dip galvanised (standard); any colour on request (additional cost)
Applicable standard	ISO 1161 (corner casting interface)
Compatibility	All ISO containers with ISO 1161 corner castings (6 m / 12 m)
Country of origin	Fabricated in South Africa
What's included	Supplied per corner — four spacers of the same height per container interface

9 INSTALLATION NOTES

Fit one spacer at each corner of the lower container and lock it to the corner casting. Land the upper container on the spacers and secure it with double-ended manual or semi-automatic twistlocks. Use four spacers of the same height per container.

10 SAFETY NOTICES

⚠ **SAFETY**

All four spacers at a container interface must be the same height and locked before the upper container is landed. Spacers are not lifting points. Never exceed the rating on the project fabrication drawing.

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