Beams (general)

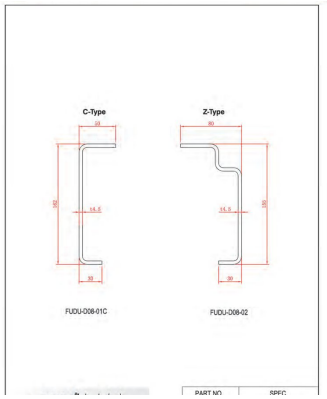
TLA-FAB-BM Section 7 — **Container Fabrication / Repair**



CATEGORY 7
Container Fabrication / Repair

1 PRODUCT OVERVIEW

Cross members are floor support beams spanning the container width beneath the floor sheet, in 45mm and 75mm profile depths. Bottom side rails are full-length (5,702mm) longitudinal floor frame members, in C-type and Z-type profiles. Top side rails are full-length roof-edge longitudinal members. Cut to length for 20ft and 40ft repairs.



2 SPECIFICATIONS AT A GLANCE

SKU / Part No.	TLA-FAB-BM
Material	Corten (weathering) steel, 3.0-4.5mm gauge (profile dependent)
Load Rating	These rails contribute to ISO 1496-1 stacking/racking ratings
Finish	Mill finish corten steel
Applicable Standard	ISO 1496-1, ISO 668
Unit Weight	43.45 (Bottom Side Rail C-type, 20ft)

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3 LOAD & PERFORMANCE DATA

Load Rating (SWL / MBL)	These rails contribute to ISO 1496-1 stacking/racking ratings

4 DIMENSIONS & WEIGHT

Dimension	Value
Overall Dimensions (L × W × H)	5702 × 162 × 50 (Bottom Side Rail, C-type, 20ft) - see variant table in Notes
Unit Weight	43.45 (Bottom Side Rail C-type, 20ft)

5 MATERIALS, FINISH & COMPLIANCE

Material / Construction	Corten (weathering) steel, 3.0-4.5mm gauge (profile dependent)
Finish / Coating	Mill finish corten steel
Applicable Standards	ISO 1496-1, ISO 668
Compatibility / Fitment	*On application*
Variants	5 variants — see SKU Master List sheet
Country of Origin	*On application*

6 APPLICATIONS

- Replacing corroded/buckled floor cross members. Replacing damaged bottom or top side rails during structural repairs. New-build fabrication.

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	On request — verify availability online
3D model (STEP)	In production — check availability online

Scan the QR code or visit twistlockafrica.co.za/go/tla-fab-bm 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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