

2024

VALID TO 31 DEC



TECHNICAL APPROVAL

Certificate Number: T1028

Australasian Certification Authority
for Reinforcing and Structural Steels Ltd

CERTIFICATE OF PRODUCT PERFORMANCE TECHNICAL APPROVAL



LIBERTY OSTRAVA A.S.
OSTRAVA-KUNCICE, CZECH REPUBLIC

Scope of Certification

has satisfied the Australasian Certification Authority for Reinforcing and Structural Steels Ltd that it supplies:

Product:	Continuously Threaded Bar 16mm-75mm OTB: 500/550: 16 to 25 mm. 28 to 50 mm and 75 mm. OTB: 555/700: 57.5 and 63.5 mm.
Scheme:	ACRS Scheme Rules
Normative document:	AS/NZS 4671 :2019, except for Ceq and standard grades

Note: Grades OTB 500/OTB 555 has been assessed by ACRS against the requirements of AS/NZS 4671:2019 and is Approved as meeting the minimum requirements for Grade 500N, with the exceptions of product grade markings(as shown below) and Carbon Equivalent(Ceq).

The product is manufactured to a maximum Ceq from cast analysis of 0.52% (AS/NZS 467:2019 = 0.44% maximum). As such, some limited preheat may be required in some certain low energy input weld conditions. Refer AS/NZS 1554 Part 3 for suitable guidelines.

By authority of
ACRS Board:

Andrew Wheeler, Executive Director

Issued: 7 December 2023

Valid until: 31 December 2024

First certified: 7 December 2023

JAS-ANZ



www.jas-anz.org/register

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www.steelcertification.com

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LIBERTY OSTRAVA A.S.
OSTRAVA-KUNCICE, CZECH REPUBLIC

Products manufactured:

Grade 500/550 & 555/700 Thread Bar

Grade 500/550 and 555/700 manufactured by Liberty Ostrava has been assessed by ACRS against the requirements of AS/NZS 4671:2019 and meets all of the minimum requirements for the Standard Grade 500N with the following exceptions listed below, Some limited preheat may be required in some certain low energy input weld conditions. Refer AS/NZS 1554 Part 3 for suitable guidelines.

Table 1: Cast Analysis

OTB 500/550	16 to 25 mm 28 to 50 mm 75 mm	Ceq 0.50% max ✓ Ceq 0.47% max ✓ Ceq 0.52% max ✓
OTB 555/700	57.5 to 63.5 mm	Ceq 0.52% max ✓

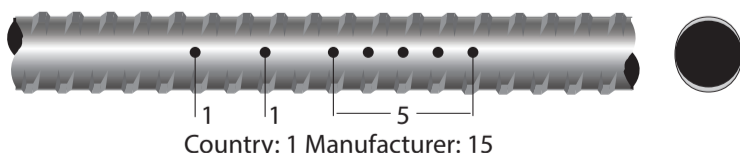
Table 4 Mandrel Diameter

16 to 50 mm	4d	✓
> 50mm	Not intended for bending	✓

Bar Markings: Section 9.1 and 9.2

Continuously Threaded Bar

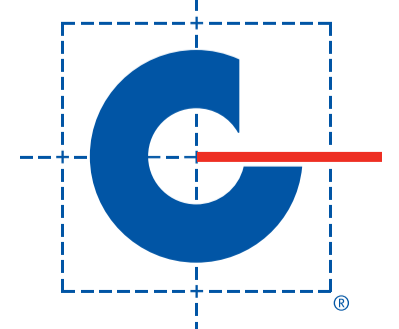
OTB 500/550 & OTB555/700 LH Thread



Tag



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