

2023
VALID TO 31 DEC



Certificate Number: T1002

Australasian Certification Authority
for Reinforcing and Structural Steels Ltd

CERTIFICATE OF PRODUCT PERFORMANCE TECHNICAL APPROVAL



DYWIDAG-SYSTEMS INTERNATIONAL
manufactured under exclusive agreement by Stahlwerk Annahütte
AINRING, GERMANY

Scope of Certification

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

Product:	S670/800 Continuously Threaded Bar 18mm-75mm
Scheme:	ACRS Scheme Rules
Normative document:	AS/NZS 4671 :2019

By authority of
ACRS Board:


Andrew Wheeler, Executive Director

Issued: 1 January 2023

Valid until: 31 December 2023

First certified: 1 March 2016



www.jas-anz.org/register

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TECHNICAL APPROVAL

www.steelcertification.com

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Products manufactured:

Grade S670/800 Thread Bar (Gewi+)

Grade S670/800 manufactured by SAH has been assessed by ACRS against the requirements of AS/NZS 4671:2019 with the following exceptions listed below. Note: Some limited preheat may be required for bar diameters >25 mm in certain low energy input weld conditions. Refer AS/NZS 1554 Pt 3 for suitable guidelines.

Table 1: Cast Analysis

18 to 43 mm	Ceq 0.53 max	✓
50 to 75 mm	Ceq 0.60 max	✓

Table 2 Characteristic Yield Stress 670N/mm²

Section 7.4.2.4	Specific Projected Area
18 to 75 mm	$F_r \geq 0.056$ ✓

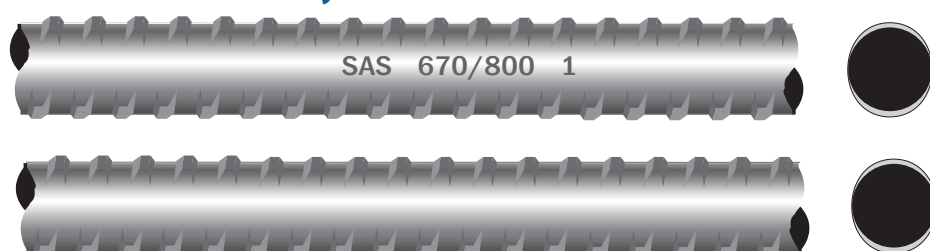
Table 4 Mandrel Diameter

18 to 43 mm	6d	✓
> 50mm	Not intended for bending	✓

Bar Markings: Section 9.1 and 9.2

18 to 75 mm. SAS 670/800 1: See below.

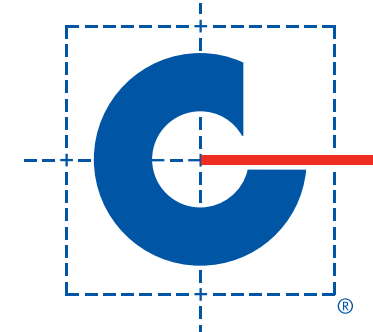
S670/800 Continuously Threaded Bar



Tag



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