

VALID TO 31 DEC  
**2021**

Australasian Certification Authority  
for Reinforcing and Structural Steels Ltd



Certificate Number: T1002

## CERTIFICATE OF PRODUCT PERFORMANCE Manufactured Product

### 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:

  
Philip Sanders, Executive Director

Valid until:

31 December 2021

First issued:

1 March 2016



[www.jas-anz.org/register](http://www.jas-anz.org/register)

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TECHNICAL APPROVAL

www.steelcertification.com

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**AINRING, GERMANY**

### 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/mm<sup>2</sup>**

<b>Section 7.4.2.4 Specific Projected Area</b>	
18 to 75 mm	$F_r \geq 0.056$ ✓

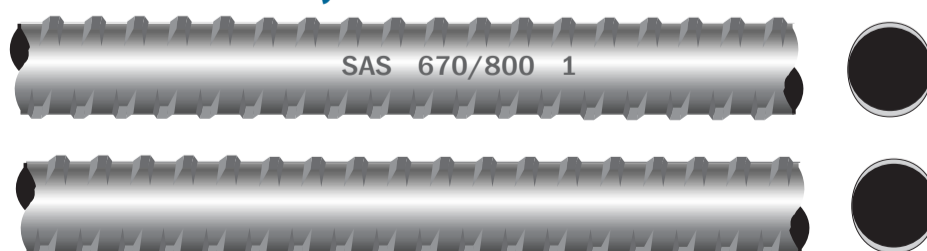
**Table 4 Mandrel Diameter**

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.

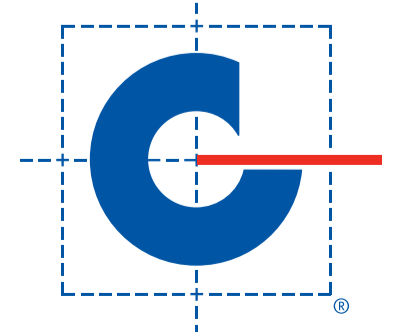
#### S670/800 Continuously Threaded Bar



#### Tag



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