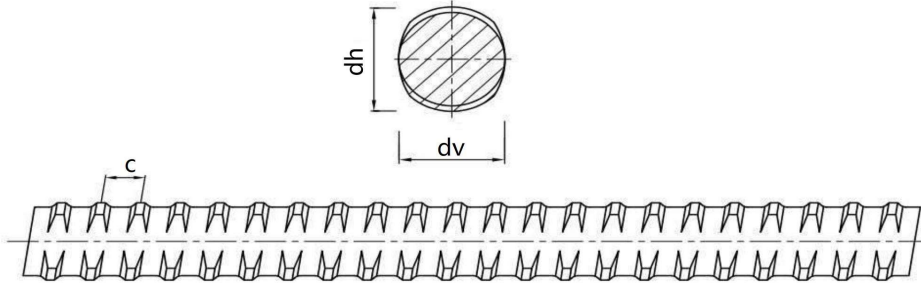


**Hot Rolled Thread Bar Φ20mm Left Hand Thread**

**热轧 Φ20/22mm 左旋**



dia [mm]	dh [mm]	dv [mm]	h [mm]	b [mm]	c [mm]
20	19.5 ±0.4	19.1 ±0.4	1.3 ±0.2	4.8	10



Grade/Property	500/630 [Mpa]	830/1030 [Mpa]	930/1080 [Mpa]
<b>Yield/Tensile</b> [KN]	157 / 198	261 / 323	292 / 339
<b>Elongation</b> [A%]	10	7	7
<b>Weight</b> [KG/M]	2.47		
<b>A</b> [mm <sup>2</sup> ]	314		

**Applications**

- Tie Rod
- Formwork
- Scaffolding
- Hook anchor

**Surface Treatment**

- \*Zinc Plated
- \*Hot Dipped Galvanized
- \*Epoxy coating
- \*H.D.G+Epoxy coating

## TEST REPORT

No. : TJIN2004003834ML

Date : Apr 24, 2020

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scan to see the report



TJIN2004003834ML

CUSTOMER NAME: HANDAN YIDAO METAL PRODUCTS CO., LTD  
ADDRESS: DEYUAN BUILDING, NO. 183 LIANFANG EAST ROAD, HANDAN,  
HEBEI CHINA 056004

Sample Name : Left hand hot rolled tie rod Dia. 20mm  
Product Specification : D20\*0.6m  
Manufacturer : HANDAN YIDAO METAL PRODUCTS CO., LTD  
Material and Mark : psb930  
Heat No. : XX100434-XD

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

\*\*\*\*\*

Date of Receipt : Apr 20, 2020  
Testing Start Date : Apr 20, 2020  
Testing End Date : Apr 24, 2020  
Test result(s) : For further details, please refer to the following page(s)  
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for  
SGS-CSTC Standards Technical  
Services(Tianjin) Co., Ltd

Kevin Zhou  
Authorized signatory



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## TEST REPORT

No. : TJIN2004003834ML

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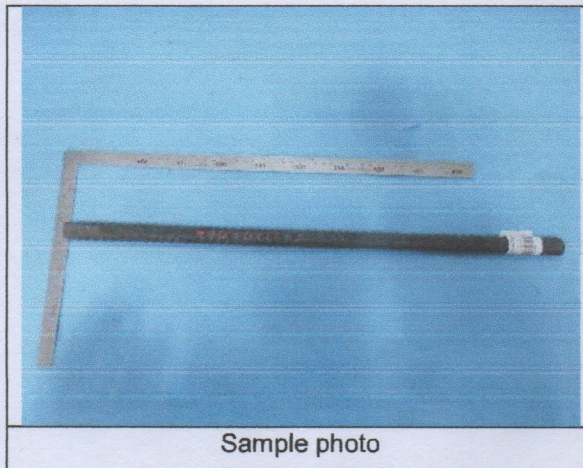
Page: 2 of 2

Test item: Tensile Test

Test Method: GB/T 228.1-2010

Test item	Sample diameter (mm)	Maximum force (kN)	Tensile strength (R <sub>m</sub> ) (MPa)	Yield strength (R <sub>eL</sub> ) (MPa)	Elongation after fracture(A) L <sub>0</sub> =5d	Total elongation at maximum force, (Agt) %	Con.
Req.	-----	---	≥1080	≥930	≥6	≥3.5	----- -
1	φ 20	343.79	1094	1030	10.0	5.0	Pass

Note: The results comply with the requirement of GB/T20065-2006 Grade PSB 930.



Sample photo

\*\*\*\*\* End of report\*\*\*\*\*

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