CHONGQING TITAN SUHE TECH CO., LTD
No.59, HongJin Road, Yubei District,ChongQing, China
Tel:0086-23-67109618, Fax: 0086-23-67109118

# MILL TEST CERTIFICATE

**Date:** April 16, 2026

**Certificate Number:**

**PO No:**

**Product:** G80 Super Alloy Lifting Chain, Black Cataphoresis

**Material:** 20Mn2

**Standard/Specification:** EN818-2 dimensions and strength

**Quantity and Dimension**

| Size | Quantity (pcs) | Length/pcs (m) | Weigth/pcs (kg) | Specification (mm) | | | | Checking Data(mm) | | | | Result |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Dia. | Inside Length | Outside Width Max. | Inside Width Min. | Dia. | Inside Length | Outside Width | Inside Width | |
| 10x30mm | 12 | 100 | 212 | 10 | 30 | 37 | 13 | 10 | 30 | 33.6 | 13.6 | OK |
| 13x39mm | 12 | 100 | 360 | 13 | 39 | 48.1 | 16.9 | 13 | 39 | 43.5 | 17.50 | OK |
| 16x48mm | 13 | 100 | 540 | 16 | 48 | 59.2 | 20.8 | 16 | 48 | 53.52 | 21.52 | OK |
| 20x60mm | 6 | 50 | 420 | 20 | 60 | 74 | 26 | 20 | 60 | 66.9 | 26.90 | OK |
| 22x66mm | 4 | 50 | 510 | 22 | 66 | 81.4 | 28.6 | 22 | 66 | 73.8 | 29.80 | OK |

**Proof Load Test**

| Size | Quantity (pcs) | Length/pcs (m) | Working Load Limit (kg) | Proof Load Test (KN) | Result |
|---|---|---|---|---|---|
| 10x30mm | 12 | 100 | 3150 | 78.5 | OK |
| 13x39mm | 12 | 100 | 5000 | 133 | OK |
| 16x48mm | 13 | 100 | 8000 | 201 | OK |
| 20x60mm | 6 | 50 | 12500 | 314 | OK |
| 22x66mm | 4 | 50 | 15000 | 380 | OK |

**Strength Test**

| Size | Quantity (pcs) | Length/pcs (Links) | Min. Breaking Load (KN) | Actual Breaking Load (KN) | Enlongation | Result |
|---|---|---|---|---|---|---|
| 10x30mm | 1 | 7 | 126 | 133.5 | 20.70% | OK |
| 13x39mm | 1 | 7 | 212 | 240.72 | 20.03% | OK |
| 16x48mm | 1 | 7 | 322 | 346.3 | 20.62% | OK |
| 20x60mm | 1 | 7 | 503 | 521.6 | 20.88% | OK |
| 22x66mm | 1 | 7 | 608 | 619.8 | 20.10% | OK |

**Material**

| Name | C | Mn | P | S | Ni | Si | Cr | Cu | Mo |
|---|---|---|---|---|---|---|---|---|---|
| 20Mn2 | 0.19 | 1.59 | 0.021 | 0.009 | 0.01 | 0.27 | 0.01 | 0.01 | / |

Marking: G80

We hereby declare the above information is correct and that the equipment has been examined visually and tested in accordance with the appropriate specification listed above and is found free of any defect likely to affect safety.

Date of issue: April 16, 2026

Surveyor:

CHONGQING TITAN SUHE TECH CO., LTD
QC
品质部
重庆天成启越科技有限公司

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# Mill Test Certificate

| | | | |
|---|---|---|---|
| customers name: | | Order number | |
| | | Certificate number | |
| Specification according to | As per customers drawing No: | Ref. number | |

| | |
|---|---|
| Additional information: | Stainless steel turnbuckle, Jaw and Jaw type |
| Grade: | n/a |
| Quantity (pcs.): | 67 |
| Material: | AISI316L |
| Traceability code: | N/A |

| Description | Size | Overall Length (min.) | Overall Length (max.) | Jaw Gap | Pin Dia. |
|---|---|---|---|---|---|
| Turnbuckle, Jaw and Jaw | 22mm(7/8") | 450mm | 640mm | 22mm | 22mm |

| | | | | **Nominal data** |
|---|---|---|---|---|
| Working load limit | | | kg | 2500 |
| Proof load min. | | | kN | 49 |
| Breaking load min. | | | kg | 6000 |

Manufacturer identification:

I hereby declare the above information is correct and that the equipment has been examined visua
accordance with the appropriate provision and is found free of any defect likely to affect safety.
I hereby declare that the above machinery complies with the relevant health and safety requiremen
the Machinery Directive 2006/42/EC.

Name:
Date:Jan, 26, 2026
Signature:

CHONGQING TITAN SUHE TECH CO., LTD
QC
品质部
重庆天成启越科技有限公司