



BU Anchor

Prüfbescheinigungen
EN 10204
Inspection Documents

HILTI Aktiengesellschaft
Feldkircherstrasse 100
FL-9494 Schaan
Fürstentum Liechtenstein

Dokument /
Document

Nr: 17/26112012

Prüfbescheinigung / Inspection Document

Werkzeugnis - Test report 2.2
Abnahmeprüfzeugnis - Inspection certificate 3.1

| Artikel-Nr. Item-# Code art. | Produktbezeichnung Product designation Réfèrence produit | Auftrags-Nr. Order-# Votre commande | Charge / Los-Nr. Batch-code Commande No. | Menge Quantity Quantité |
|------------------------------------|--|---|--|-------------------------------|
| 2008337 | Threaded rod AM39x3000 8.8 zinc plated | | | |

Bemerkungen:
Remarks:
Remarques:

Hiermit bestätigen wir, dass die oben angeführte Lieferung den Vereinbarungen bei der Bestellung entspricht.
We herewith certify, that the material described above complies with the terms of the order.
Nous certifions que la livraison est conform aux stipulations de la commande.

Issuer:

Name : Aniko Huebner-Borbely
Street : Feldkircherstrasse 100
City : 9494 Schaan
Country : Fürstentum Liechtenstein

Verantwortliche Stelle
Responsible Department
Service responsable

Datum / Date: 26.11.2012





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CERTIFICATE

2.2

Size : M39X3000

Nr. : 2008337

Specification: ISO 898-1(2009) **8.8**

Chemical composition

| | C (c) | Si | Mn | P | S | Ni | Cr | Mo | Cu | Al | Pb | Sn | B |
|----------------|----------------|-------------|-------------|--------------|--------------|----|-------------|----|----|----|----|----|---|
| Min. | 0.15 / 0.25 | | | | | | | | | | | | |
| Max. | 0.40 / 0.55 | | | 0.025 | 0.025 | | | | | | | | |
| Results | 0.42 | 0.23 | 0.58 | 0.019 | 0.010 | | 0.89 | | | | | | |

(c) See notes in norm ISO 898-1 table 2

Mechanical properties

| | Yield Strength. R _{p0.2} N/mm ² ≤M16-->M16 | Tensile Strength. R _m N/mm ² ≤M16-->M16 | Elongation A % | Impact strenght K _v Joules (charpy) | Hardness Rockwell HRC ≤M16-->M16 | Reduction after fracture Z % |
|----------------|--|---|-------------------|---|---|------------------------------------|
| Min. | 640 - 660 | 800 - 830 | 12% | 27(-20°C for ≥M16) | 22 - 23 | 52% |
| Max. | | | | | 32 - 34 | |
| Results | 846 | 950 | 14 | 54 | 25 | 54 |

Remarks: Material hardened and tempered on min.425°C

All information given is based on original certificates or own tests on the material in cold drawn, or finished condition.