



BU Anchor

Prüfbescheinigungen  
**EN 10204**  
Inspection Documents

HILTI Aktiengesellschaft  
Feldkircherstrasse 100  
FL-9494 Schaan  
Fürstentum Liechtenstein

Dokument /  
Document

Nr: 39/26112012

**Prüfbescheinigung / Inspection Document**

Werkzeugnis	-	Test report	2.2	<input checked="" type="checkbox"/>
Abnahmeprüfzeugnis	-	Inspection certificate	3.1	<input type="checkbox"/>

Artikel-Nr. Item-# Code art.	Produktbezeichnung Product designation Référence produit	Auftrags-Nr. Order-# Votre commande	Charge / Los-Nr. Batch-code Commande No.	Menge Quantity Quantité
419104	Threaded rod AM16x1000 8.8 HDG			

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



CERTIFICATE
2.2
<b>Size : M16X1000</b> <b>Nr. : 419104</b>  <b>Specification: ISO 898-1(2009) 8.8</b>

**Chemical composition**

	<b>C (c)</b>	<b>Si</b>	<b>Mn</b>	<b>P</b>	<b>S</b>	<b>Ni</b>	<b>Cr</b>	<b>Mo</b>	<b>Cu</b>	<b>Al</b>	<b>Pb</b>	<b>Sn</b>	<b>B</b>
Min.	0.15 / 0.25												
Max.	0.40 / 0.55			0.025	0.025								
<b>Results</b>	<b>0.44</b>	<b>0.26</b>	<b>0.56</b>	<b>0.012</b>	<b>0.019</b>								

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

**Mechanical properties**

	Yield Strength. R <sub>p0.2</sub> N/mm <sup>2</sup> ≤M16-->M16	Tensile Strength. R <sub>m</sub> N/mm <sup>2</sup> ≤M16-->M16	Elongation A %	Impact strength K <sub>v</sub> 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	
<b>Results</b>	<b>845</b>	<b>935</b>	<b>15</b>	<b>52</b>	<b>27</b>	<b>54</b>

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.