



P8

Inspection Document
EN 10204
Prüfbescheinigung

HILTI (CHINA) LTD.
Yongping Road, South,
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Document No. *Dokument Nr.*

P8_2.2_140

Item-Nr.	Product designation	Customer ref. -Nr.	Batch-Nr.	Quantity
<i>Sach-Nr.</i>	<i>Produktbezeichnung</i>	<i>Kunden Ref. Nr.</i>	<i>Charge/Los Nr.</i>	<i>Menge</i>
Code art.	Référence produit	No. ref. de client	Commande No.	Quantité
387087	Anchor rod HIT-V-R M16X380			

Item designation	Anchor rod	Rod	Nut	Washer		
Sachbezeichnung	HIT-V-R	螺杆	螺母	垫片		
Reference composant	M16X380					

Inspection values/Prüfergebnisse

Chemical composition		set value	actual value	set value	actual value	set value	actual value	set value	actual value	set value	actual value
Chem. Zusammensetzung											
C %		0.00-0.08	0.02	0.00-0.08	0.02	0.00-0.08	0.01				
Si %		0.00-1.00	0.39	0.00-1.00	0.61	0.00-1.00	0.44				
Mn %		0.00-2.00	1.83	0.00-2.00	1.42	0.00-2.00	1.47				
P %		0.000-0.045	0.031	0.000-0.050	0.033	0.000-0.050	0.033				
S %		0.000-0.030	0.030	0.000-0.030	0.006	0.000-0.030	0.002				
Cr %		16.00-18.50	16.80	16.00-18.50	17.24	16.00-18.50	17.17				
Mo %		2.00-3.00	2.02	2.00-3.00	2.05	2.00-3.00	2.08				
Ni %		10.00-15.00	10.12	10.00-14.00	10.09	10.00-14.00	10.10				
Cu %											
B %											
Al %											
N %		0.00-0.11	0.07								
Pb %											
Mech. properties											
Mechanische Eigensch. / Mecan. prop.											
N											
V											
Fp				110	110						
HV						140-250	146				
HRC											
A		min. 0.4d	27								
Z											
R_{p0.2}		min. 450	580								
R_m		min. 700	785								
Layer thickness/Schichtdicke											
Epaisseur de couche extérieure											
d (Zn)											
	N	kN	Tension load / Bruchlast Zug / charge de tension			Z	%	Reduction of area / Einschnürung / contraction			
	V	kN	Shear load / Querlast / charge de cisaillement			R _{p0.2}	N/mm ²	Yield strength / Streckgrenze / limite d'elasticite			
	F _p	N	Proof load / Prüfkraft / charge limite			R _m	N/mm ²	Ultimate tensile strength / Zugfestigkeit / resistance a			
	HV	-	Vickers hardness / Härte Vickers / druete Vickers			d (Zn)	µm	Mean zinc thickness/ mittlere Schicht-dicke Zn / epaisseur			
	A	%	Elongation after fracture / Bruch-dehnung / elongation apres fracture								