



P8

Inspection Document
EN 10204
Prüfbescheinigung

HILTI (CHINA) LTD.
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Document No. *Dokument Nr.*

P8_2.2_128

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
387077	Anchor rod HIT-V-R M10X95			

Item designation	Anchor rod	Rod	Nut	Washer		
<i>Sachbezeichnung</i>	HIT-V-R	螺杆	螺母	垫片		
<i>Reference composant</i>	M10X95					

Inspection values/Prüfergebnisse

Chemical composition		set	actual	set	actual	set	actual	set	actual	set	actual
Chem. Zusammensetzung		value	value	value	value	value	value	value	value	value	value
C %		0.00-0.08	0.02	0.00-0.08	0.02	0.00-0.08	0.02				
Si %		0.00-1.00	0.36	0.00-1.00	0.53	0.00-1.00	0.37				
Mn %		0.00-2.00	1.76	0.00-2.00	1.37	0.00-2.00	1.42				
P %		0.000-0.045	0.026	0.000-0.050	0.027	0.000-0.050	0.027				
S %		0.000-0.030	0.028	0.000-0.030	0.002	0.000-0.030	0.003				
Cr %		16.00-18.50	16.66	16.00-18.50	17.34	16.00-18.50	17.10				
Mo %		2.00-3.00	2.03	2.00-3.00	2.05	2.00-3.00	2.05				
Ni %		10.00-15.00	10.08	10.00-14.00	10.11	10.00-14.00	10.12				
Cu %											
B %											
Al %											
N %		0.00-0.11	0.08								
Pb %											

Mech. properties											
Mechanische Eigensch. / Mecan. prop.											
N											
V											
Fp				41	41						
HV						140-250	143				
HRC											
A		min. 0.4d	25								
Z											
R_{p0.2}		min. 450	675								
R_m		min. 700	830								

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			