**OUALITY CERTIFICATE** TMW.com | www.7TMW.com | www.7TMW.com | www.7TMW.com | www.7TMW.c CUSTOMER: 7TMW INC PRODUCT WHEX STRUCTURA CONTRACT NO.: 19MPT002 CLVASS.MW.com | www.77MW.com | www.77MW.com | w.7TMW.com | www.7TNVOICE NO...19MPT0320 CODE: 1/2-13X2 MARKING TAL WORFS A325ER METAL KS TIGER QUANTITY YER 128000 S TIGEDCS/L DIMENSIONS OF SPEC: INSPECTION ITEMS STANDARD RESULT VISUAL APPEARANCE ok BODY DIAMETER W. 13.08-12.24 12.6-12.59 THREAD NO GO WIDTH ACROSS FLATS 21.75-21.9 22.22-21.59 24.8-24.9 WIDTH ACROSS CORNERS 25.65-24.61 12.66-12.39 12.55-12.58 MAJOR DIAMETER 8.2-7.67 TAL V7.8-8.1 7 TIGE HEAD HEIGHT 38.1-35.05 37.9-37.5 SCREW LENGTH THREADILENGTHIGER min 23.2R 24-24.5 MECHANICAL PROPERTIES MW.com | www. m | www.7TMV CHARACTERISTICS RESULT STANDARD Hardness .com | www.7TM HR1 | www. TMmax 34ww.7TM m | 2843/TMW.com Wedge Strength N/mm min 826 844-862 Yield Strength 7TM N/mm 675-681 min 635 Elongation [%] min 14 14.3-14.7 Reduction pf area [%] 38.2-41.6 min 35 53.6 53.6 Proof Load [kN] [UM] 54-59 min 53 Thickness METAL WORKS CHEMICAL COMPOSITION(%) ER AMILINGHEATER 7 TIGERCHETAL SORKE MIN 7 TIGERPHETAL WORK GT 7T GER WIETA VGaKS Mo 0.64 0.021 | 0.017 0.18 332109330 0.37 Surface coating: HDG Dimmt Inspn: COMPLYING WITH THE STANDARD TOF COM A 325 MW. The information on chemical composition is based on the test ORKS certificate/received from the steel mill or supplier, 7TMW.com | www.7TMW.com Material described in this document has been inspected under the parameter: set forth and found to be in conformance with the physical requirement We certify the above product meets specific requirement thereofixs 7 TIGER METAL WORKS Quality Control Manager