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Assembled Test Certificate

BS EN 14399 PARTS 1,2,6 & 10:2018 (HRC Assembly)

CPA Customer Name		CPA Customer Order No.	
CPA Order No.		Assembly Batch/Lot No.	
Product Description		Product Standard	
Batch/Lot No.		Raw Material Grade	

CE Number		Stamped		Finish		Quantity	
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BOLT CHEMICAL ANALYSIS

Element	C	Mn	P	S	Si	Cr	B	Ni	Cu	Mo
%										

BOLT MECHANICAL PROPERTIES

Test Item	Test Method	Standard	Actual Results	Remarks
Hardness (HRC)	ISO 898-1:2013			
Ultimate Tensile Strength (N/mm ²)	ISO 898-1:2013			
Suitability Test	BS EN 14399-2:2015 BS EN 14399-10:2018			
Wedge Load (kN)	ISO 898-1:2013			
Elongation (%)	ISO 898-1:2013			
Reduction of Area (%)	ISO 898-1:2013			
Charpy Impact V Notch	ISO 898-1:2013			

BOLT DIMENSIONAL

Method	Standard	Actual Results	Sampling	Reject	Remarks
Width A/F					
Head Height					
Major Diameter					
Radius Under Head					
Coating					

NUT DETAIL

Product Description		Product Standard	
Batch/Lot No.		Finish	

NUT CHEMICAL ANALYSIS

Element	C	Mn	P	S	Si	Cr	B	Ni	Cu	Mo
%										

NUT MECHANICAL PROPERTIES

Test Item	Test Method	Standard	Actual Results	Remarks
Hardness (HV)	ISO 898-2:2012			
Proof Load (kN)	BS EN 14399-10:2018 (Table 10)			

NUT DIMENSIONAL

Method	Standard	Actual Results	Sampling	Reject	Remarks
Width A/F					
Nut Height					
Visual					
Go-Gauge					
No Go-Gauge					

WASHER DETAIL

Product Description		Product Standard	
Batch/Lot No.		Finish	

WASHER CHEMICAL ANALYSIS

Element	C	Mn	P	S	Si	Cr	B	Ni	Cu	Mo
%										

WASHER MECHANICAL PROPERTIES

Test Item	Test Method	Standard	Actual Results	Remarks
Hardness (HV)	BS EN 14399-6:2015			

WASHER DIMENSIONAL

Method	Standard	Actual Results	Sampling	Reject	Remarks
OD					
ID					
Thickness					

Material conforms to standard BS EN 14399-2:2015 k Class: K0

$k_m =$ $V_{fr} =$

ADDITIONAL COMMENTS

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ALL PRODUCTS HAVE BEEN TESTED AND COMPLY IN ALL ASPECTS TO BS EN 14399 PART 1,2,6 & 10:2018

We hereby certify that all the above results are original from our factories actual testing and the products have proved to comply with the relevant standard.

Wayne Grealey - Quality Manager
BAPP Group Limited



CERTIFICATION IN ACCORDANCE WITH EN 10204-3.1