

## BOLT INSPECTION CERTIFICATE

<b>CUSTOMER</b> : 7TMW-INC.	<b>PACKAGING NO.</b> : 7TMW180807002
<b>P.O NUMBER</b> : SSI-1827	<b>INVOICE NO</b> : 7TMW/SSI-180823
<b>COMMODITY</b> : HEX CAP SCREW FULL THREAD GR-5	<b>PART NO</b> :
<b>SIZE</b> : 3/8-16X1 NC	<b>SAMPLING PLAN</b> : ASME B18.18/ ASTM F1470
<b>LOT NO</b> : 1B1870210	<b>HEAT NO</b> : 18206523-4
<b>SHIP QUANTITY</b> : 72,000 PCS	<b>MATERIAL</b> : X35ACR
<b>HEAD MARKS</b> : CYT & 3 RADICAL LINES	<b>FINISH</b> : H.T PLAIN
<b>COUNTRY OF ORIGIN</b> : CHINA	

**PERCENTAGE COMPOSITION OF CHEMISTRY :**

Chemistry	Al%	C%	Cr%	Mn%	P%	S%	Si%
Spec.: MINIMUM		0.3500	0.2000	0.7000			
MAXIMUM	0.0200	0.3800	0.4000	0.9000	0.0250	0.0150	0.1000
Test Value	0.0230	0.3600	0.2600	0.8000	0.0120	0.0060	0.0300

**DIMENSIONAL INSPECTIONS: ACCORDING TO ASME/ANSI B18. 2.1**

SAMPLED BY: ZHANG HUI JING

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC	REJ
MAJOR DIAMETER	15PCS	JIS B1071		9.2600-9.4900MM	9.2800-9.4600MM	15	0
ACROSS CORNER	5PCS	JIS B1072		15.9600-16.5100MM	16.1500-16.3100MM	5	0
HEIGHT	5PCS	JIS B1073		5.7500-6.1700MM	5.9100-5.9400MM	5	0
NOMINAL LENGTH	15PCS	JIS B1074		25.1000-25.4000MM	25.1500-25.3400MM	15	0
ACROSS FLATS	5PCS	JIS B1075		14.0000-14.2700MM	14.1800-14.2600MM	5	0
SURFACE DISCONTINUITIES	29PCS	ASTM F788/F788M			PASSED	29	0
THREAD	5PCS	JIS B1075		2A GO 2A NOGO	PASSED	5	0

**MECHANICAL PROPERTIES: ACCORDING TO SAE J 429-2013**

SAMPLED BY: SHENXIA JIN

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC	REJ
CORE HARDNESS	15PCS	ASTM F606/F606M		25-34 HRC	29.2-31 HRC	15	0
SURFACE HARDNESS	15PCS	ASTM E18		Max. 54 HR30N	45.5-50 HR30N	15	0
TENSILE STRENGTH	4PCS	ASTM F606/F606M		Min. 120KSI	136-145 KSI	5	0

ALL TESTS ARE IN ACCORDANCE WITH THE METHODS PRESCRIBED IN THE APPLICABLE ASTM/ SAE/ ASME/ MIL-STD-120 SPECIFICATION. WE CERTIFY THAT THIS DATE IS A TRUE REPRESENTAION OF INFORMATION PROVIDED BY THE MATERIAL SUPPLIER AND OUR TESTING LABORATORY.

WE CERTIFY THE PARTS ARE ROHS COMPLIANT.

SIGNATURE:

