

BOLT INSPECTION CERTIFICATE

CUSTOMER : 7TMW INC.	PACKAGING NO. : 7TMW180807002
P.O NUMBER : SSI-1827	INVOICE NO : 7TMW/SSI-180823
COMMODITY : HEX CAP SCREW FULL THREAD GR-5	PART NO :
SIZE : 3/8-16X1-1/2 NC	SAMPLING PLAN : ASME B18.18/ ASTM F1470
LOT NO : 1B1870210	HEAT NO : 18206523-4
SHIP QUANTITY : 72,000 PCS	MATERIAL : X35ACR
HEAD MARKS : CYT & 3 RADICAL LINES	FINISH : H.T PLAIN

COUNTRY OF ORIGIN : CHINA

PERCENTAGE COMPOSITION OF CHEMISTRY :

Chemistry	Al%	C%	Cr%	Mn%	P%	S%	Si%
Spec.: MINIMUM	0.0200	0.3500	0.2000	0.7000	0.0250	0.0150	0.1000
MAXIMUM	0.0230	0.3800	0.4000	0.9000	0.0120	0.0060	0.0300
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		37.0900-38.1000MM	37.8000-37.9000MM	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: