

BOLT INSPECTION CERTIFICATE

CUSTOMER : 7TMW INC.
P.O NUMBER : SSI-1427
COMMODITY : HEX CAP SCREW GR-5
SIZE : 9/16-12X2 NC
LOT NO : 1B1470326
SHIP QUANTITY : 63,000 PCS
HEAD MARKS : CYT & 3 RADICAL LINES

PACKAGING NO. : 7TMW140728007
INVOICE NO : 7TMW/SSI-140817
PART NO :
SAMPLING PLAN : ASME B18.18/ ASTM F1470
HEAT NO : 14203134-4
MATERIAL : X40ACR
FINISH : H.T PLAIN

COUNTRY OF ORIGIN : CHINA

PERCENTAGE COMPOSITION OF CHEMISTRY :

Chemistry	Al%	C%	Cr%	Mn%	P%	S%	Si%
Spec.: MINIMUM		0.4000	0.2000	0.7000			
MAXIMUM	0.0200	0.4300	0.4000	0.9000	0.0250	0.0150	0.1000
Test Value	0.0260	0.4300	0.2690	0.7800	0.0120	0.0040	0.0700

DIMENSIONAL INSPECTIONS: ACCORDING TO ASME/ ANSI B18. 2.1

TEST DATE: 2023/ 01 / 27 SAMPLED BY: FENG XIA SAMPLING DATE: 2023/ 01 / 27

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC	REJ
MAJOR DIAMETER	4PCS	MIL-STD-120		13.960-14.240MM	14.040-14.060 MM	4	0
ACROSS CORNER	4PCS	MIL-STD-121		23.120-23.820MM	23.530-23.550MM	4	0
HEIGHT	4PCS	MIL-STD-122		8.840-9.420MM	8.930-8.940MM	4	0
NOMINAL LENGTH	15PCS	MIL-STD-123		48.770-50.800MM	50.140-50.180MM	15	0
ACROSS FLATS	4PCS	MIL-STD-124		20.270-20.620MM	20.370-20.380MM	4	0
SURFACE DISCONTINUITIES	29PCS	ASTM F788/F788M			PASSED	29	0
THREAD	4PCS	MIL-STD-120		2A	PASSED	4	0

MECHANICAL PROPERTIES: ACCORDING TO SAE J 429-2013

TEST DATE: 2023/ 02 / 06 SAMPLED BY: RENMINGL SAMPLING DATE: 2023/ 02 / 06

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC	REJ
CORE HARDNESS	15PCS	ASTM F606/F606M		25-34 HRC	31-33 HRC	15	0
SURFACE HARDNESS	15PCS	ASTM E18		Max. 54 HR30N	46-51 HR30N	15	0
TENSILE STRENGTH	4PCS	ASTM F606/F606M		Min. 120KSI	136-139 KSI	4	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: 