

CERTIFICATE OF INSPECTION

PURCHASER : 7TMW INC

PO. NUMBER : SSI-1929

COMMODITY : HEX CAP SCREW GR-5

SIZE : 1/2-13X7 NC

LOT NO : 1B1972593

SHIP QUANTITY : 9.000 PCS

HEADMARKS : CYI & 3 RADIAL LINES

COUNTRY OF ORIGIN : CHINA

PACKING NO : 190822004

INVOICE NO : SSI-190908/MA

PART NO :

SAMPLING PLAN : ASME B18.18/ASTM F1470

HEAT NO : B375720A

MATERIAL : 40ACR

FINISH : H.T. PLAIN

PERCENTAGE COMPOSITION OF CHEMISTRY : TEST FACILITY : S

Chemistry	C%	Cr%	Mn%	P%	S%	Si%
Spec. MIN	0.4000	0.2000	0.6000			
MAX	0.4400	0.4000	0.9000	0.0250	0.0250	0.1000
Test Value	0.4200	0.3300	0.7400	0.0090	0.0030	0.0500

DIMENSIONAL INSPECTIONS ACCORDING TO ASME B18.2.1-2012 TEST FACILITY : M

SAMPLED BY : LXQING

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC.	REJ.
THREAD LENGTH	15 PCS	JIS B1071	38.1		37.7300-37.9200 MM	15	0
MAJOR DIAMETER	4 PCS	JIS B1071		12.3900-12.6600 MM	12.4900-12.5200 MM	4	0
BODY DIAMETER	4 PCS	JIS B1071		12.5300-12.7000 MM	12.5600-12.5900 MM	4	0
WIDTH ACROSS CORNERS	4 PCS	JIS B1071		21.3400-21.9900 MM	21.3900-21.4300 MM	4	0
HEIGHT	4 PCS	JIS B1071		7.6800-8.2000 MM	7.8100-7.8400 MM	4	0
NOMINAL LENGTH	15 PCS	JIS B1071		173.2300-177.8000 MM	174.0000-174.2000 MM	15	0
WIDTH ACROSS FLATS	4 PCS	JIS B1071		18.7000-19.0500 MM	18.8500-18.9200 MM	4	0
SURFACE DISCONTINUITIES	22 PCS	ASTM F788/F788M			PASSED	22	0
THREAD	15 PCS	JIS B1071		2A GO 2A NOGO	PASSED	15	0

MECHANICAL PROPERTIES : ACCORDING TO SAE J 429-2014 TEST FACILITY : M

SAMPLED BY : SHENXIA JIN

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC.	REJ.
CORE HARDNESS	15 PCS	ASTM F606/F606M		25-34 HRC	29.8-32.8 HRC	15	0
SURFACE HARDNESS	15 PCS	ASTM F606/F606M		Max. 54 HR50N	43.3-47.3 HR50N	15	0
TENSILE STRENGTH	4 PCS	ASTM F606/F606M		Min. 120 KSI	142-147 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 DATA IS A TRUE REPRESENTATION OF INFORMATION PROVIDED BY THE MATERIAL SUPPLIER AND OUR TESTING LABORATORY.

THE REPORT IS ISSUED ACCORDING TO ISO16228 F3.1(EN10204 3.1)

TYPE M : MANUFACTURER

TYPE S : SUPPLIER (STEEL MILL, PLATING SUB SUPPLIER, HEAT TREATMENT SUB SUPPLIER ETC.)

WE CERTIFY THE PARTS ARE ROHS COMPLIANT.

SIGNATURE :

