

CERTIFICATE OF INSPECTION

PURCHASER: 7TMW INC

PO. NUMBER: SSI-2231

COMMODITY: HEX CAP SCREW GR-5

SIZE: 1/2-13X1 NC

LOT NO: 1B2280192

SHIP QUANTITY: 51,750 PCS

HEADMARKS: CYI & 3 RADIAL LINES

COUNTRY OF ORIGIN: CHINA

PACKING NO: 220815001

INVOICE NO: SSI-220917MA

PART NO:

SAMPLING PLAN:

ASME B18.18-2017/ASTM F1470-2018

HEAT NO: 22302587

MATERIAL: 40ACR

FINISH: II T. PLAIN

PERCENTAGE COMPOSITION OF CHEMISTRY: TEST FACILITY :S

Chemistry	Al%	C%	Cr%	Mn%	P%	S%	Si%
Spec.:MIN.		0.2500					
MAX.		0.5500			0.0250	0.0250	
Test Value	0.3000	0.4100	0.2800	0.7700	0.0130	0.0030	0.0600

DIMENSIONAL INSPECTIONS: ACCORDING TO ASME B18.2.1-2012

TEST FACILITY : M

SAMPLED BY: YANGLI

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC	REJ
WIDTH ACROSS CORNERS	5 PCS	JIS B1071		21.3400-21.9900 MM	21.4600-21.5000 MM	5	0
NOMINAL LENGTH	15 PCS	JIS B1071		24.6400-25.4000 MM	25.1800-25.2100 MM	15	0
WIDTH ACROSS FLATS	5 PCS	JIS B1071		18.7000-19.0500 MM	18.7200-18.7500 MM	5	0
HEIGHT	5 PCS	JIS B1071		7.6800-8.2000 MM	7.8100-7.8300 MM	5	0
MAJOR DIAMETER	5 PCS	JIS B1071		12.3900-12.6600 MM	12.4800-12.5100 MM	5	0
SURFACE DISCONTINUITIES	29 PCS	ASTM F788/F788M			PASSED	29	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: JINSHENGXIA

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC	REJ
SURFACE HARDNESS	5 PCS	ASTM F606/F606M		Max. 54 HR30N	43.7-46.7 HR30N	5	0
CORE HARDNESS	5 PCS	ASTM F606/F606M		25-34 HRC	30.4-32.2 HRC	5	0

ALL TESTS ARE IN ACCORDANCE WITH THE METHODS PRESCRIBED IN THE APPLICABLE ASTM/SAE/ASME 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 ISO 16228 F3.1(EN 10204 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: *Leo*