

CERTIFICATE OF INSPECTION

PURCHASER: 7TMW INC.

PO. NUMBER: SSI-2144

COMMODITY: DIN 933 HEX HEAD BOLT FULL THREAD CL 8.8

SIZE: M12-1.75X35

LOT NO: 1B21B0217

SHIP QUANTITY: 42,000 PCS

HEADMARKS: GENIUS SYMBOL & 8.8

PACKING NO: GEN211130006

INVOICE NO: GEN/SSI-220104A-1

PART NO:

SAMPLING PLAN:

ASME B18.18-2017/ASTM F1470-2018

HEAT NO: 21309109

MATERIAL: 35ACR

FINISH: H.T. PLAIN

PERCENTAGE COMPOSITION OF CHEMISTRY: TEST FACILITY : S

Chemistry	Al%	C%	Cr%	Mn%	P%	S%	Si%
Spec. MIN	0.0100	0.3500	0.2000	0.6000			
MAX		0.3900	0.4000	0.9000	0.0250	0.0250	0.1000
Test Value	0.0190	0.3600	0.2800	0.7700	0.0120	0.0030	0.0500

DIMENSIONAL INSPECTIONS: ACCORDING TO DIN933 TEST FACILITY : M

SAMPLED BY: ZHANGHONGYUN

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC	REJ
MAJOR DIAMETER	5 PCS	JB/T 9151		11.7400-11.9600 MM	11.8200-11.8600 MM	5	0
HEIGHT	5 PCS	JB/T 9151		6.2200-6.5600 MM	6.3400-6.3800 MM	5	0
WIDTH ACROSS CORNERS	5 PCS	JB/T 9151		Min. 18.9000 MM	19.0600-19.1100 MM	5	0
WIDTH ACROSS FLATS	5 PCS	JB/T 9151		16.7300-17.0000 MM	16.8500-16.8800 MM	5	0
NOMINAL LENGTH	15 PCS	JB/T 9151		34.5800-35.4200 MM	34.8700-34.9200 MM	15	0
SURFACE DISCONTINUITIES	29 PCS	ISO6157.3			PASSED	29	0
THREAD	15 PCS	JB/T 9151		6g GO 6g NOGO	PASSED	15	0

MECHANICAL PROPERTIES: ACCORDING TO ISO 898.1-2013 TEST FACILITY : M

SAMPLED BY: CHENGNINGHANG

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC	REJ
WEDGE TENSILE	5 PCS	ISO898.1		Min. 800 N/MM2	898-912 N/MM2	5	0
CORE HARDNESS	15 PCS	ISO898.1		22-32 HRC	28-29 HRC	15	0
SURFACE HARDNESS	15 PCS	ASTM E384		Max. 350 HV	292-297 HV	15	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 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:

