



**GEM-YEAR TESTING LABORATORY
CERTIFICATE OF INSPECTION**

MANUFACTURER: GEM-YEAR INDUSTRIAL CO., LTD.
 ADDRESS: NO.8GEM-YEAR
 ROAD,E.D.Z.JIASHAN,ZHEJIANG,P.R.CHINA
 PURCHASER: MAPTCO FASTENERS (AUST) PTY LTD
 PO. NUMBER: MAP-2022F
 COMMODITY: ISO 4032 NUTS CL 6
 SIZE: M24-3.00 O/T:0.45MM
 LOT NO: 1N19C0651(1A20903651)
 SHIP QUANTITY: 1,496 PCS
 HEADMARKS: GENIUS SYMBOL & 6
 COUNTRY OF ORIGIN: CHINA

TEL: (0573) 84185001 (48Lines)
 FAX: (0573) 84184488 84184567
 DATE: 2020/10/13
 PACKING NO: GEM200918002
 INVOICE NO: GEM/MAP-201014FRE
 PART NO: M692
 SAMPLING PLAN:
 ASME B18.18-2017/ASTM F1470-2018
 HEAT NO: 19110527-3
 MATERIAL: X1015A
 FINISH: HOT DIP GALVANIZED PER ASTM
 A153/ASTM F2329

PERCENTAGE COMPOSITION OF CHEMISTRY: TEST FACILITY :S

Chemistry	A1%	C%	Mn%	P%	S%	Si%
Spec.:MIN.	0.0200	0.1300	0.3000			
MAX.		0.1800	0.6000	0.0300	0.0350	0.1000
Test Value	0.0300	0.1500	0.4200	0.0140	0.0040	0.0400

DIMENSIONAL INSPECTIONS: ACCORDING TO ISO 4032 TEST FACILITY : M

SAMPLED BY: WUMENGJIE

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC	REJ
WIDTH ACROSS CORNERS	4 PCS	JB/T 9151		Min. 39.5500 MM	40.5500-40.6300 MM	4	0
SURFACE DISCONTINUITIES	29 PCS	IS06157			PASSED	29	0
THICKNESS	4 PCS	JB/T 9151		20.2000-21.5000 MM	20.8400-20.9600 MM	4	0
WIDTH ACROSS FLATS	4 PCS	JB/T 9151		35.0000-36.0000 MM	35.4900-35.6000 MM	4	0
THREAD	15 PCS	JB/T 9151		6H increase	PASSED	15	0

MECHANICAL PROPERTIES: ACCORDING TO ISO898.2 TEST FACILITY : M

SAMPLED BY: JINSHENGXIA

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC	REJ
CORE HARDNESS	15 PCS	IS0898.2		170-302 HV	198-216 HV	15	0
PROOF LOAD	4 PCS	IS0898.2		Min. 25,939 KGF	OK	4	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: