



GEM-YEAR TESTING LABORATORY

CERTIFICATE OF INSPECTION

MANUFACTURER : GEM-YEAR INDUSTRIAL CO., LTD.
ADDRESS : NO.8 GEM-YEAR
ROAD, E.D.Z., JIASHAN, ZHEJIANG, P.R. CHINA

PURCHASER : MAPTCO FASTENERS (AUST) PTY LTD
PO. NUMBER : MAP-1941M
COMMODITY : ISO 4032 NUTS CL 6
SIZE : M12-P1.75 O/T 0.35MM
LOT NO : 1N19AA049 (1A2019C1555)
SHIP QUANTITY : 12,000 PCS
HEADMARKS : GENIUS SYMBOL & 6
COUNTRY OF ORIGIN : CHINA

Tel: (0573)84185001(48Lines)
Fax: (0573)84184488 84184567
DATE : 2020/03/10
PACKING NO : GEM200103002
INVOICE NO : GEM/MAP-200317MEL
PART NO : M844
SAMPLING PLAN :
ASME B18.18-2017/ASTM F1470-2018
HEAT NO : 195D3787
MATERIAL : ML08
FINISH : HOT DIP GALVANIZED PER ASTM
A153/ASTM F2329

PERCENTAGE COMPOSITION OF CHEMISTRY : TEST FACILITY : S

Chemistry	Al%	C%	Mn%	P%	S%	Si%
Spec. : MIN.	0.0200	0.0500	0.2000			
MAX.		0.1200	0.5000	0.0350	0.0350	0.1000
Test Value	0.0300	0.1000	0.3700	0.0060	0.0060	0.0400

DIMENSIONAL INSPECTIONS : ACCORDING TO ISO 4032 TEST FACILITY: M

SAMPLED BY : YUQIAN

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC.	REJ.
WIDTH ACROSS CORNERS	4PCS	JB/T 9151		Min. 20.0300 MM	20.3100-20.4800 MM	4	0
THICKNESS	4PCS	JB/T 9151		10.3700-10.8000 MM	10.6000-10.6800 MM	4	0
WIDTH ACROSS FLATS	4PCS	JB/T 9151		17.7300-18.0000 MM	17.8500-17.9200 MM	4	0
SURFACE DISCONTINUITIES	29PCS	ISO6157			PASSED	29	0
THREAD	15PCS	JB/T 9151		6H increase	PASSED	15	0

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

SAMPLED BY : TANGHAO

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC.	REJ.
CORE HARDNESS	15PCS	ISO898.2		150-302 HV	212-227 HV	15	0
PROOF LOAD	4PCS	ISO898.2		Min. 6,020 KGF	OK	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.)

SIGNATURE : _____