



CERTIFICATE OF INSPECTION

MANUFACTURER
ADDRESS :

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DATE : 2012/11/30

PURCHASER :
PO. NUMBER : 52081324
COMMODITY : FINISHED HEX NUT ASTM A563 GR-A
SIZE : 3/4-10 NC
LOT NO :
SHIP QUANTITY : 8,500 PCS
HEADMARKS :

PACKING NO :
INVOICE NO :
PART NO : 00200-3200-020
SAMPLING PLAN : ASME B18.18.2
HEAT NO :
MATERIAL : ML08
FINISH : PLAIN

COUNTRY OF ORIGINAL : CHINA

PERCENTAGE COMPOSITION OF CHEMISTRY :

Chemistry	Al%	C%	Mn%	P%	S%	Si%
Spec. : MIN.	0.0200	0.0500	0.3000			
MAX.		0.1000	0.6000	0.0350	0.0350	0.1000
Test Value	0.0510	0.0700	0.4200	0.0130	0.0060	0.0300

DIMENSIONAL INSPECTIONS : ACCORDING TO ASME/ANSI B18.2.2

TEST DATE : 2012/09/04

SAMPLED BY :

SAMPLING DATE : 2012/09/04

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC.	REJ.
WIDTH ACROSS CORNERS	8 PCS	MIL-STD-120		31.500-32.980 MM	31.800-31.860 MM	8	0
THICKNESS	8 PCS	MIL-STD-120		15.680-16.890 MM	15.790-15.890 MM	8	0
WIDTH ACROSS FLATS	32 PCS	MIL-STD-120		27.640-28.570 MM	27.810-27.890 MM	32	0
SURFACE DISCONTINUITIES	100 PCS	ASTM F812			PASSED	100	0
THREAD	8 PCS	MIL-STD-120		2B	PASSED	8	0

MECHANICAL PROPERTIES : ACCORDING TO ASTM A563-2007

TEST DATE : 2012/11/10

SAMPLED BY : LCLI

SAMPLING DATE : 2012/11/07

INSPECTIONS ITEM	SAMPLE	TEST METHOD	REF	SPECIFIED	ACTUAL RESULT	ACC.	REJ.
CORE HARDNESS	22 PCS	ASTM F606/F606M		68-107 HRB	81 HRB	22	0
PROOF LOAD	15 PCS	ASTM F606/F606M		Min. 30,060 LBF	OK	15	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.

WE CERTIFY THE PARTS ARE ROHS COMPLIANT.
THIS CERTIFIED MATERIAL TEST REPORT APPLIES TO THE SAMPLES TESTED AND IT CANNOT BE REPRODUCED EXCEPT IN FULL.

SIGNATURE : _____