



630 Newpark Blvd PO Box 327
 Newmarket ON L3Y 4X7
 Phone: 905-853-2500
 Fax: 905-895-7889

Cert No. **50-128062**



Certified: **10/9/2010**

Bill To

Ship To

Thomson Fasteners Inc.
 290 Fourth St., P.o. Box 5300
 Gananoque, ON K7G2W9

Ship To: 50-57060-7
 Long-Lok

We are pleased to submit our CERTIFICATION OF HEAT TREATMENT of the following:

Order No 123832	PO Number 69973	PL Number 478408	Received 10/8/2010 6:20:39 AM
Requirements			Value
Surface Hardness Min (HRC)			45.0
Core Hardness Min (HRC)			30.0
Core Hardness Max (HRC)			36.0
Total Case Depth Min (mm)			0.20
Total Case Depth Max (mm)			0.30
Qty 376800	Wgt 3768	Part No. 500-5837	Part Name Fastener
		Material 10B22	
Part Description BIN#191/205			
376800	3768	Total	

We hereby certify that the parts described above were given the required Heat Treatment at Bodycote - Newmarket facility and that test results were obtained with standard approved methods.

Recorded Values	Low	High
Surface Hardness = (HRC)	47.0	48.0
Hrdnss convrted from = (text)	HV	HV
Core Hardness = (HRC)	32.0	35.0
Total Case Depth = (mm)	0.27	0.29
Crack Check = (text)	OK	OK

All processes involved in the production of these articles and requiring specific process approval have been so approved and certificates are on file subject to examination.

Bodycote - Newmarket
 Certified: 10/9/2010
 By: Visha Ilich Quality Inspector

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