BARBER - 5.22.06r000688

Inspection Report
TLW1019

Part Name:	710 Magnum Bolt Head
Drawing Num:	D-300416 and D-305550
TLW Number:	
Revision Level:	D-300416 Rev. B and D-305550 Rev. 0
Vendor:	
Requisition #:	
Material:	
Hardness:	
Metallurgist:	
Engineer:	
Inspected by:	H. Carson
Date:	31 December 2003
Reviewed by:	
Date:	
	Out Of Tolerance - Plus
	Out Of Tolerance - Minus

NOTE- Dimension identifiers will be provided on the prints supplied by engineering & the CAD group.

INSTRUCTIONS:
1. STAMP ALL PARTS WITH AN I.D. NUMBER AND CHANGE I.D. AT TOP OF PAGE CORRESPONDINGLY.
2. TAG PARTS ONLY IF STAMPING IS NOT POSSIBLE.
3. ENTER FEATURE DESCRIPTIONS WHEN POSSIBLE. (OPTIONAL)
4. WHEN COMPLETE, RETURN ALL PARTS TO ENGINEER IN ORIGINAL SHIPPING CARTON (IF POSSIBLE) AND DRAWING WITH IDENTIFIERS.

INSPECTOR NOTES:

identifier	feature description	DIM	plus	minus	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	AVG	STDEV	Method
A		0.515	0.005	0.005	0.5153	0.5160	0.5162	0.5147	0.5143	0.5128	0.5161	0.5154	0.5142	0.5134	0.5145	0.5159	0.5149	0.515	0.0012	
B		0.371	0.001	0.001	0.3707	0.3712	0.3712	0.3706	0.3705	0.3707	0.3705	0.3704	0.3705		0.3706	0.3714	0.3705	0.371	0.0005	
C	Upper Groove to Lower Groove	0.119	0.004	0.004		0.1172	0.1172		0.1176	0.1169	0.1158					0.1168	0.1169	0.115	0.0021	
C	Upper Groove to Bolt Face	0.119	0.004	0.004	0.1157	0.1217		0.1160		0.1212	0.1193	0.1225		0.1188	0.1206	0.1219		0.121	0.0030	
D		0.548	0.003	0.003									0.5483	0.5484				0.551	0.0098	
D	Form Factor of Feature D	0.0000	0.0015	0.0000	0.0003			-0.0002			0.0005	0.0015		0.0002		0.0011	0.0011	0.002	0.0013	
E	Z	0.0200	0.0050	0.0050		0.0196	0.0185	0.0226	0.0157	0.0162		0.0189	0.0172		0.0187	0.0228	0.0185	0.021	0.0043	
E	X	-0.0200	0.0050	0.0050			-0.0191		-0.0155	-0.0161			-0.0162		-0.0190	-0.0229	-0.0188	-0.024	0.0069	
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