

## INSPECTION REPORT

**Final random inspection on:** 2 x 3/4 x 2 1/8 HITCH BALL A-82  
**Inspection Date:** 2-Jul-14  
**Supplier:** Evering  
**Model No.:** 40051 A-51  
**Inspection Result:** Pending see 4  
**Inspection By:** Vincent  
**Inspection Period**       1st       2nd       3 rd

PO No.:	Quantity	Packed	Sample Size
51730	96 pcs	100%	20 pcs

**MIL-STD-105E:**      Single sampling plan for normal inspection general inspection Level II

<u>Defective</u>	<u>AQL</u>	<u>Allowed</u>	<u>Found</u>
Critical	0	0	0
Major	1.00	0	0
Minor	2.50	1	0

**1. Workmanship Appearance/Function inspection findings:**

Defect Description	Major	Minor
Total Defective:	0	0
Maximum allowed:	0	1

**Defect Photo for Reference:**

**2.PACKING:SHIPPING / PACKING SLIP**

<p><b>2.1 CARDBOARD BOX</b></p>    	<p>Check Result: pass</p>
<p><b>2.2 HITCH BALL (QTY. PER VENDOR P.O.)</b></p> <p style="text-align: center;">Order Quantity                      96pcs</p>	<p>Check Result: pass</p>
<p><b>2.3 HITCH BALL HARDWARE:</b></p> 	<p>Check Result: pass</p>
<p><b>2.4 HITCH BALL LABEL A-51-L)</b></p>  	<p>Check Result: pass</p>

2.5(1) POLY BAG PER HITCH BALL ASSEMBLY

Check Result: pass



2.6(8) CARDBOARD PARTS DIVIDERS

Check Result: pass



2.7 BOX SPECIFICATION PROVIDED BY FACTORY

Check Result: pass

**3. APPEARANCE:**

3.1 BALL (STAINLESS STEEL) - SEE PRINT# A-51-HB

Check Result: pass



3.2 TRACEABILITY STAMPING - PRINT REF# CM-HBC

Check Result: pass



**4. DIMENSION / WEIGHT:**

4.1 A-51 HITCH BALL - PRINT REF# CM-A-51-HB							Check Result: Pass	
Item	Characteristics	Units	Tolerance	Actual			Method	Fail/Pass
				1	2	3		
1	1.875 "(47.63mm)	inch	0,-0.010	1.8660	1.8670		calliper	pass
2	1.938"(49.21mm)	inch	±0.015	1.9360	1.9360		calliper	pass
3	4.747"(120.57mm)	inch	0.03	4.7670	4.7620		calliper	pass
4	1.615"(41.28mm)	inch	±0.010	1.6170	1.6210		calliper	pass
5	2.125"(53.98mm)	inch	0.03 , 0	2.1620	2.1620		calliper	fail
6	1.085"(27.559mm)	inch	0,-0.010	1.0760	1.0770		calliper	pass
7	1"(25.4mm)	inch	±0.015	1.0000	0.9990		calliper	pass
8	Traceability code			I-1C7	I-1C7		Visual Quality	pass
4.2 1" LOCK WASHER							Check Result: pass	
Item	Characteristics	Units	Tolerance	Actual			Method	Fail/Pass
				1	2	3		
1	1.060"(26.92mm)	inch	±0.015	1.005	1.003		calliper	fail
2	1.660"(42.16mm)	inch	±0.015	1.597	1.601		calliper	fail
3	0.25"(6.35mm)	inch	±0.015	0.240	0.246		calliper	pass
4.2 1"-14 HEX NUT							Check Result: pass	
Item	Characteristics	Units	Tolerance	Actual			Method	Fail/Pass
				1	2	3		
1	1.455"(36.96mm)	inch	±0.005	1.4600	1.4600		calliper	pass
2	0.85"(21.59mm)	inch	0.037/-0.019	0.8420	0.8480		calliper	pass

**5. WORKMANSHIP:**

5.1 FREE OF BURR AND SHARP EDGES	Check Result: pass
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**6. OTHER :**

6.1 3,500 LB GTW CAP. HITCH BALL - PRINT REF# A-51	Check Result: pass
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