



UNIT A, 5TH FLOOR,
LUCKY COMMERCIAL BUILDING, XINGAN SECOND ROAD,
ZHENDI DISTRICT , CHANG AN TOWN,DONGRUAN,GUANGDONG PROVINCE,PRC 523850

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DEFECT CLASSIFICATION

Model/Item #: 40051
Description: 1 7/8 x 1 x 2 1/8 HITCH BALL A-2
Manufacturer:

SAMPLING PLAN: MIL-STD-105E
SINGLE NORMAL, Level II

ACCEPTANCE QUALITY LEVEL: Level II

(AQL) FOR DEFECTS: CRITICAL: 0.0%
MAJOR: 1.5%
MINOR: 4.0%

CRITICAL DEFECT: A CRITICAL DEFECT is a *defect* that judgment and experience indicate would result in hazardous or unsafe conditions for individuals using or maintaining a product. Also, depending on the product, a *defect* that judgment and experience indicate is likely to prevent performance of the tactical function of a major end item.

MAJOR DEFECT: A MAJOR DEFECT is a *defect*, other than critical, which is likely to result in failure and/or reduce materially the usability of the product for its intended purpose.

MINOR DEFECT: A MINOR DEFECT is a *defect* that is not likely to reduce materially the usability of product for its intended purpose.

LIMITATION: THE SELECTION OR USE OF ANY AQL SHALL NOT IMPLY THAT THE CONTRACTOR HAS THE RIGHT TO SUPPLY ANY DEFECTIVE UNIT OF PRODUCT.

Prepared By: _____ **Approved By:** _____ **Approved By:** _____

DEFECT CLASSIFICATION

DESCRIPTION OF DEFECT	CRI	MAJ	MIN
1 REFERENCE DOCUMENTS 1.1 INSPECTION CHECK OFF 1.2 MANUFACTURING PRINTS		X	X
2 PACKING: SHIPPING / PACKING SLIP 2.1 CARDBOARD BOX 2.2 HITCH BALL (QTY. PER VENDOR P.O.) 2.3 HITCH BALL HARDWARE 2.4 HITCH BALL LABEL A-51-L 2.5 (1) POLY BAG PER HITCH BALL ASSEMBLY 2.6 (8) CARDBOARD PARTS DIVIDERS 2.7 BOX SPECIFICATION PROVIDED BY FACTORY		X X X X X X X	
3 APPEARANCE 3.1 BALL (STAINLESS STEEL) - SEE PRINT# A-51-HB 3.2 TRACEABILITY STAMPING - PRINT REF# CM-HBC		X X	
4 DIMENSION / WEIGHT 4.1 A-51 HITCH BALL - PRINT REF# CM-A-51-HB 1 47.63 +0/-0.25 2 49.21 ±.38 3 120.57 +.76/-0 4 41.28 +.0/-0.25 5 53.98 +.76/-0.00 6 27.559 +0/-0.25 7 25.4 +0/-0.25 8 Traceability Stamp 4.2 1" LOCK WASHER ID 25.800 +.6/-0 OD 42.200 +.0/-0.8 THICKNESS 6.350 ±.15 1"-14 HEX NUT 1.455 ±.005 0.85 +.037/-0.019 1-14 UNS-2B		X X X X X X X X X X X	
5 WORKMANSHIP 5.1 FREE OF BURR AND SHARP EDGES		X	
6 OTHER 6.1 3,500 LB GTW CAP. HITCH BALL - PRINT REF# A-51			X