

Standard Parts / Inch Hardware

FNHA-1-B-150.00

Machine Screw, Flat Countersunk Head, Cross Recess Drive, Zn Cr Plated, Coarse Threads

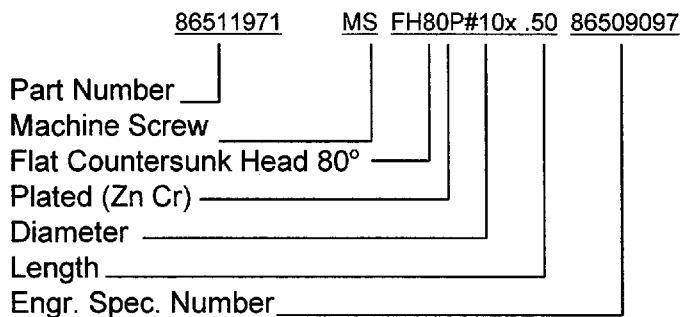
1. SCOPE

1.1. The fasteners defined by this specification are gold zinc chromate (Zn Cr) plated Machine Screws with flat countersunk 80° head, cross recess drive and coarse threads.

1.2. The flat countersunk 80° headed Machine Screw Zn Cr plated is to be used for countersunk applications such as when you want material to flow over the screw without damaging the head of the screw and/or for appearance purposes like in a cab.

2. DESIGNATION

2.1 Typical call-out on a drawing shall be:



NOTE: The above typical description is required for use in all company-wide computer generated documents. The description on hand drawn assembly drawings should follow the same practice.

2.2 Table 2 contains the Preferred part numbers to be used in future designs. Table 3 lists the Non-Preferred part numbers which should be avoided in future designs.

2.3 When requesting a new part number, refer to the instructions in standard 86505922 (FNHA-3-A-005.00).

3. RELATED SPECIFICATIONS

3.1. REFERENCE STANDARDS

86508305(FNHA-2-H-500.00) - Zinc Electroplating on Ferrous Surfaces
86505922(FNHA-3-A-005.00) - Assignment of Standard Part Numbers
ANSI/ASME B1.1 - Unified Inch Screw Threads
ANSI/ASME B18.6.3 - Slotted and Recessed Head Machine Screws
SAE J1061 - Surface Discontinuities on General Application Bolts, Screws, and Studs

3.2 This standard replaces the following company standards.

Versatile Standard (Partial) 1-A-010

4. REQUIREMENTS

4.1 MATERIAL

Carbon steel which shall have minimum tensile strength of 60,000 psi.

4.2 PLATING

The plating shall be gold Zinc Chromate (Zn Cr) Electroplate per 86508316 (FNHA-2-H-500.25). Baking is not required for hydrogen embrittlement relief.

					NAME	STD MS FH80 UNC ZNCR	
ALL	F	BJF	111422	2/98			
ALL	E	BJF	110510	8/97	 NEW HOLLAND	ENGINEERING SPECIFICATION	
ALL	D	BJF	110118	6/97			
1,3,4	C	BJF	108931	1/97			
ALL	B	RLS	108139	7/96			
ALL	A	RE	104739	1/95			
FRAME NO.	REV	BY	ECN NO.	DATE	THE INFORMATION HEREON IS THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF NEW HOLLAND NORTH AMERICA, INC. AND/OR NEW HOLLAND CANADA, LTD. ANY USE, EXCEPT THAT FOR WHICH IT MAY BE LOANED, IS PROHIBITED.	FRAME 1	OF 4
APP.	DRAWN		BJFJR	12/93		PART NUMBER	
KHH 1/94	CHECKED					36509097	

Standard Parts / Inch Hardware**FNHA-1-B-150.00****4.3 HEAD DRIVE TYPE**

The standard Phillips (cross recess) drive is to be Type 1 Cross Recess per ANSI/ASME B18.6.3.

4.4 MECHANICAL DIMENSIONS

The screw thread geometry shall conform to UNC-2A per ANSI/ASME B1.1 before plating. The general dimensions shall meet the requirements in Table 1. All other dimensions shall be according to ANSI/ASME B18.6.3.

4.5 SURFACE DISCONTINUITIES

All products under this specification shall meet the Surface Discontinuities on General Application Bolts, Screws, and Studs per SAE J1061 requirements.

5. SUPPLIER RESPONSIBILITY

5.1 Suppliers shall perform the necessary test for sample approval for initial lots. After this approval, suppliers are not required to perform the specific tests, but ascertain that their product will conform to the specification limits. These specified requirements will be used to reconcile any disputed values.

5.2 All materials supplied to this specification shall be equivalent in all characteristics to the material upon which approval was originally granted. Prior to making of any changes in the properties, composition, construction, color, dimensions, processing or labeling of the material originally approved under this specification, the supplier shall notify Purchasing and the affected Materials Engineering activity of the proposed changes and obtain the written acknowledgement of the Materials Engineering activity. Test data, test samples and a new identification code are to be submitted with the request.

	NAME			PART NUMBER	
	STD MS FH80 UNC ZNCR			86509097	
ENGINEERING SPECIFICATION			REV. F	FRAME 2	OF 4