

Standard Parts / Inch Fasteners

FNHA-1-B-335.00

Machine Screw Nuts, Hex, Zn Cr Plated, Coarse Threads

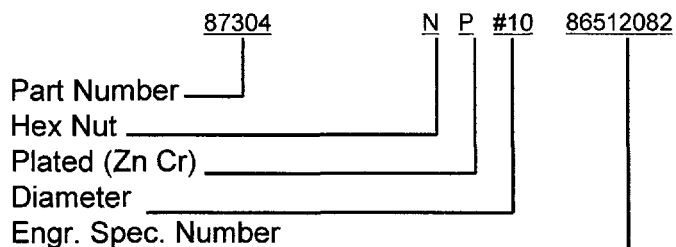
1. SCOPE

1.1 The fasteners defined by this specification are gold zinc chromate (Zn Cr) plated Machine screw Hex Nuts with coarse threads.

1.2 The Machine Screw Hex Nut Grade 5 Zn Cr plated is to be used for machine screws sizes #12 and under. For hex nuts, 1/4 diameter and larger, see 86505597 (FNHA-1-B-310.00) for plated and 86508894 (FNHA-1-B-320.00) for plain.

2. DESIGNATION

2.1 Typical call out on a drawing shall be:



NOTE: The above 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 not be used 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 - Square and Hex Machine Screw Nuts
 SAE J122 - Surface Discontinuities on Nuts

3.2 This standard replaces the following company standards:

Versatile(Partial)

1-A-035

4. REQUIREMENTS

4.1 MATERIAL

Material shall be low carbon steel with the following chemical composition: max. .47% Carbon, max. .12% Phosphorus, and max. .15% Sulfur.

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.

4.4 MECHANICAL DIMENSIONS

The Hex Nut thread geometry shall conform to UNC-2B per ANSI/ASME B1.1. The general dimensions shall meet the requirements in Table 1.

					NAME	STD MS NUTS UNC ZNCR	
					 NEW HOLLAND 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.	ENGINEERING SPECIFICATION	
ALL	D	BJF	111422	2/98		FRAME 1 OF 4	
ALL	C	BJF	110258	6/97			
1,3	B	BJF	108139	7/96		PART NUMBER	
ALL	A	RE	107244	1/96		86512082	
FRAME NO.	REV	BY	ECN NO.	DATE			
APP.	DRAWN		BJFJR	1/94			
KHH 2/94	CHECKED						

Standard Parts / Inch Fasteners**FNHA-1-B-335.00****4.5 SURFACE DISCONTINUITIES**

All products under this specification shall meet the Surface Discontinuities on Nuts per SAE J122.

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 Material Engineering activity. Test data, test samples and a new identification code are to be submitted with the request.

	NAME				PART NUMBER	
	STD MS NUTS UNC ZNCR					
ENGINEERING SPECIFICATION				REV. D	FRAME 2	OF 4
				86512082		