

Standard Parts / Inch Fasteners

FNHA-1-B-315.00

Nut Heavy Hex, Plain, Coarse Threads

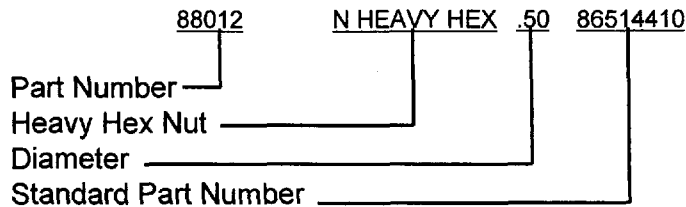
1. SCOPE

1.1 The fasteners defined by this specification are plain Heavy Hex Nuts with coarse threads.

1.2 The Heavy Hex Nut plain is used for welding purposes in which using Hex Nut to weld would distort the threads. If plated part is desired, use plated Hex Nut.

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

86505922(FNHA-3-A-005.00) - Assignment of Standard Part Numbers
ANSI/ASME B1.1 - Unified Inch Screw Threads
ANSI/ASME B18.2.2 - Square and Hex Nuts
SAE J995 - Mechanical and Material Requirements for Steel Nuts
SAE J122 - Surface Discontinuities on Nuts

3.2 This standard replaces the following company standards:

New Holland(Partial)	NA2.01.1
Versatile(Partial)	1-A-035

4. REQUIREMENTS

4.1 MATERIAL

Grade 2 according to SAE J995 - steel with the following chemical composition: max. of .47% Carbon, max. of .12% Phosphorus, and max. of .15% Sulfur.

4.2 PLATING

These parts are not plated.

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					 NEW HOLLAND		ENGINEERING SPECIFICATION		
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Standard Parts / Inch Fasteners**FNHA-1-B-315.00****4.3 MECHANICAL REQUIREMENTS**

Grade	Nut Size Diameter	Hardness *
	Inch	Rockwell
2	1/4" thru 1"	C32 max.

* Hardness shall be determined on the top or bottom of the Nut

4.4 MECHANICAL DIMENSIONS

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

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.

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