

Standard Parts / Inch Fasteners

FNHA-1-B-430.0

Hex Weld Nuts - Long and Short Pilot, UNC, Plain

1. SCOPE

The fasteners defined by this specification are plain Hex Weld Nuts with 3 projections with both long and short pilot.

2. DESIGNATION

2.1 Typical call out on a drawing shall be:

2.1.1 Short Pilot Hex Weld Nuts

87874 WN HEX SP .25 86505600
 Part Number _____
 Weld Nut, Hex _____
 Short Pilot _____
 Diameter _____
 Std. Part Number _____

2.1.2 Long Pilot Hex Weld Nuts

87935 WN HEX LP .38 86505600
 Part Number _____
 Weld Nut, Hex _____
 Long Pilot _____
 Diameter _____
 Std. Part Number _____

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 Long Pilot Hex Weld Nuts which are the Preferred part numbers to be used in future designs. Table 3 lists the Short Pilot Hex Weld Nuts which are 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 STANDARDS

3.1 REFERENCE STANDARDS

86505922 (FNHA-3-A-005.00) - Assignment of Standard Part Numbers.

ASNI/ASME B1.1 - Unified Inch Screw Threads.

ASTM A563 - Carbon and Alloy Steel Nuts.
 SAE J122 - Surface Discontinuities on Nuts.

3.2 This standard replaces the following company standard:

New Holland

NA2.01.4

4. REQUIREMENTS

4.1 MATERIAL

Low Carbon steel to Grade A per ASTM A563.

4.2 PLATING

Parts are not plated.

4.3 MECHANICAL DIMENSIONS

The hex weld nut thread geometry shall conform to UNC-2B per ANSI/ASME B1.1. The general dimensions shall meet requirements in Table 1. The parts are to have 3 projections.

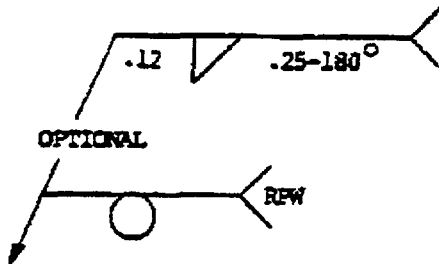
					NAME	STD WN UNC	
ALL	E	BJF	111422	2/98	 NEW HOLLAND	ENGINEERING SPECIFICATION	
ALL	D	BJF	110510	8/97			
ALL	C	BJF	110258	6/97			
ALL	B	BJF	108388	11/96			
ALL	A	RE	104739	1/95			
FRAME NO.	REV	BY	ECN NO.	DATE	THE INFORMATION HEREON IS THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF NEW HOLLAND NORTH AMERICA, 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	1/96			PART NUMBER	
KHH 4/96	CHECKED					86505600	

Standard Parts / Inch Fasteners**FNHA-1-B-430.00****4.4 SURFACE DISCONTINUITIES**

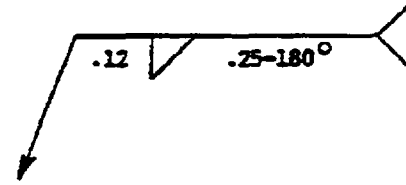
All products under this specification shall meet the Surface Discontinuities on nuts per SAE J122.

4.5 Weld Symbols

4.5.1 If weld is optional, specify as follows (Standard Practise)



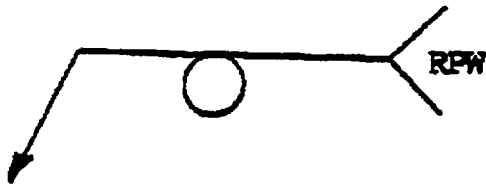
4.5.3 If resistance projection welding is not permitted, specify as follows:

**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 specific 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 labelling or the material originally approved under this specification, the supplier shall notify purchasing and the affected Materials and Standards Engineering activity of the proposed changes and obtain the written acknowledgement of the Materials and/or Standards Engineering activity. Test data, test samples and a new identification code are to be submitted with the request.

4.5.2 If fillet weld is not permitted, specify as follows:



	NAME STD WN UNC			PART NUMBER 86505600	
	ENGINEERING SPECIFICATION			REV. E	FRAME 2