

Standards Parts / Inch Fasteners

FNHA-1-B-375.00

Hex Slotted Nuts, Zn Cr Plated, Fine Threads

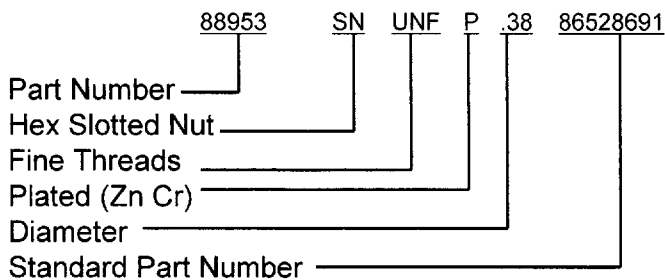
1. SCOPE

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

1.2 The Hex Slotted Nuts fine thread Zn Cr plated fastener in combination with plated cotter pin is used in applications where fine adjustment is needed and to keep parts in place.

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 B18.2.2 - 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	NA2.01.2
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

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 N SLOT UNF ZNCR	
					 NEW HOLLAND	ENGINEERING SPECIFICATION	
ALL	C	BJF	111422	2/98		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.	
ALL	B	BJF	110258	6/97			
ALL	A	RE	107244	1/96			
FRAME NO.	REV	BY	ECN NO.	DATE	FRAME 1 OF 4		
APP.	DRAWN		BJFJR	10/95	PART NUMBER		
KHH 10/95	CHECKED				86528691		

Standards Parts / Inch Fasteners**FNHA-1-B-375.00****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 Hex Slotted Nut thread geometry shall conform to UNF-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.

 NEW HOLLAND	NAME				PART NUMBER	
	STD N SLOT UNF ZNCR				86528691	
ENGINEERING SPECIFICATION				REV. C	FRAME 2	OF 4