

Standard Parts / Metric Fasteners

FNHA-1-A-350.00

Hex Flange Nut, Class 8, Zn Cr Plated, Coarse Threads

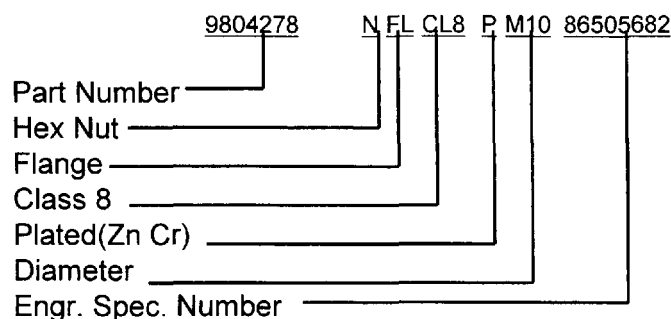
1. SCOPE

1.1 The fasteners defined by this specification are gold zinc chromate (Zn Cr) plated Class 8 Hex Flange Nut with coarse threads.

1.2 The Hex Flange Nut class 8 Zn Cr plated is to be used when extra bearing surface is needed.

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

DIN 267 Part 4 - Mechanical Properties of Hex Nuts

ISO 965/2 - ISO General Purpose Metric Screw Threads - Tolerances - Part 2: Limits of sizes for General Purpose Bolt and Nut Threads - Medium Quality

DIN 6923 - Hexagon Nuts with Flange

SAE J122 - Surface Discontinuities on Nuts

3.2 This standard replaces the following company standards:

Versatile(Partial)

1-M-046

4. REQUIREMENTS

4.1 MATERIAL

4.1.1 Class 8 according to DIN 267 Part 4 - Steel with the following chemical composition: max. of .58% Carbon, min. of .30% Manganese, max. of .060% Phosphorus, and max. of .15% Sulfur.

					NAME	STD N FLG CL8 ZNCR	
							ENGINEERING SPECIFICATION
ALL	D	BJF	111288	1/98			
ALL	C	BJF	110082	5/97	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
1	B	BJF	108139	7/96			PART NUMBER
ALL	A	RE	104739	5/95			
FRAME NO.	REV	BY	ECN NO.	DATE			86505682
APP.	DRAWN		BJFJR	2/94			
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Standard Parts / Metric Fasteners**FNHA-1-A-350.00****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.

4.3 MECHANICAL REQUIREMENTS

Class	Proof Load	Hardness *
	N/mm ²	Rockwell
8	800	C30 Max.

* Hardness shall be determined on the top or bottom of the nut.

4.4 MECHANICAL DIMENSIONS

The screw thread geometry shall be coarse pitch, tolerance class 6H (medium class) according to ISO 965/2 before plating. The general dimensions shall meet the requirements in Table 1. All other dimensions are according to DIN 6923.

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 Standardization Engineering activity of the proposed changes and obtain the written acknowledgement of the Standardization Engineering activity. Test data, test samples and a new identification code are to be submitted with the request.

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	STD N FLG CL8 ZNCR				86505682	
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