

Standard Parts / Metric Fasteners

FNHA-1-A-515.00

**Washer, DIN 7349, Zn Cr Plated****1. SCOPE**

The fasteners defined by this specification are gold zinc chromate (Zn Cr) plated washer meeting DIN 7349 specification.

**2. DESIGNATION**

2.1 Typical call-out on a drawing shall be:

|                               |          |    |   |   |          |
|-------------------------------|----------|----|---|---|----------|
| Dutch                         | 86592710 | SR | 6 | G | 86588447 |
| English                       | 86592710 | W  | 6 | P | 86588447 |
| Part Number                   |          |    |   |   |          |
| Washer                        |          |    |   |   |          |
| Nom. Bolt/Pin Size            |          |    |   |   |          |
| Plated (Zn Cr) (G – Gal Zn 5) |          |    |   |   |          |
| Standard Part Number          |          |    |   |   |          |

NOTE: The above typical 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 lists the Non-Preferred part numbers that 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 Parts  
 DIN 7349 – Plain Washers for Bolts with Heavy Clamping Sleeves  
 DIN 522 - Plain Washers and Retaining Washers - Permissible Variations

**4. REQUIREMENTS****4.1 MATERIAL**

Steel

**4.2 PLATING**

The plating shall be gold Zinc Chromate (Zn Cr) Electroplate 86508316 (FNHA-2-H-500.25) per standard 86508305 (FNHA-2-H-500.00).

**4.3 MECHANICAL DIMENSIONS**

The general dimensions shall meet the requirements in Table 1 according to DIN 7349.

**4.4 SURFACE FINISH**

Surface finish shall follow DIN 522, Grade A.

**4.5 FLATNESS**

Flatness of washers shall be according to DIN 522, Grade A.

|           |       |         |         |      |                                                                                                                                                                                   |                     |                                                                                       |
|-----------|-------|---------|---------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------|
|           |       |         |         |      | NAME                                                                                                                                                                              | STD WASHER DIN 7349 |                                                                                       |
|           |       |         |         |      |  <b>NEW HOLLAND</b>                                                                            |                     | ENGINEERING SPECIFICATION                                                             |
|           |       |         |         |      |                                                                                                                                                                                   |                     | FRAME 1                                                                               |
|           |       |         |         |      | THE INFORMATION HEREON IS THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF NEW HOLLAND N. V. AND/OR ITS SUBSIDIARIES. ANY USE, EXCEPT THAT FOR WHICH IT MAY BE LOANED, IS PROHIBITED. |                     | PART NUMBER                                                                           |
| L         | B     | RE      | 113879  | 9/99 |                                                                                                                                                                                   |                     |  |
| FRAME NO. | REV   | BY      | ECN NO. | DATE |                                                                                                                                                                                   |                     |                                                                                       |
| APP.      | DRAWN |         | BJFJR   | 3/99 |                                                                                                                                                                                   |                     |                                                                                       |
| GES 9/99  |       | CHECKED |         |      |                                                                                                                                                                                   |                     |                                                                                       |

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

|                                                                                                           |                                           |  |                         |                          |                                       |                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------------|--|-------------------------|--------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <br><b>NEW HOLLAND</b> | <b>NAME</b><br><b>STD WASHER DIN 7349</b> |  |                         |                          | <b>PART NUMBER</b><br><b>86588449</b> |                                                                                                                                   |
|                                                                                                           | <b>ENGINEERING SPECIFICATION</b>          |  | <b>REV.</b><br><b>B</b> | <b>FRAME</b><br><b>2</b> | <b>OF</b><br><b>3</b>                 | <br><b>Documents</b><br>Document Sharing Hub |