

Washer, DIN 6340, Heat Treated, Zn Cr Plated**1. SCOPE**

The fasteners defined by this specification are gold zinc chromate (Zn Cr) plated washers heated treated meeting DIN 6340 specification.

2. DESIGNATION

2.1 Typical call-out on a drawing shall be:

Dutch	86592701	GSR	12	G	86588448
English	86592701	W	HT	12	P
Part Number					
Washer					
Heat Treated					
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 Part Numbers
 DIN 6340 – Washers for Clamping Devices
 DIN 522 – Plain Washers and Retaining Washers – Permissible Variations

3.2 This standard replaces the following company standards:

New Holland

ES14.04

4. REQUIREMENTS**4.1 MATERIAL**

Medium carbon or alloy steel.

4.2 HEAT TREATMENT

Quenched and tempered and through hardened to 350/430 HV (Rockwell C 38/45)

4.3 PLATING**4.3.1 Preferred**

The plating shall be gold Zinc Dichromate (Zn Cr) Electroplate 86508316 (FNHA-2-H-500.25) per standard 86508305 (FNHA-2-H-500.00). Baking (86512106) per 86508305 (FNHA-2-H-500.00) is required for hydrogen embrittlement relief.

					NAME	STD WASHER DIN 6340		
					 NEW HOLLAND		ENGINEERING SPECIFICATION	
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Standard Parts / Metric Fasteners

FNHA-1-A-514.00

4.3.2 Alternate

The coating shall be gold zinc chromate (Zn Cr) mechanical 86580485 (FNHA-2-H-505.25) per standard 86580475 (FNHA-2-H-505.00)

4.4 MECHANICAL DIMENSIONS

The general dimensions shall meet the requirements in Table 1 according to DIN 6340.

4.5 SURFACE FINISH

Surface finish shall follow DIN 522, Grade A.

4.6 FLATNESS

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

5 SUPPLIER RESPONSIBILITY

5.1 Suppliers shall perform the necessary tests for sample approval for the 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.

 NEW HOLLAND	NAME				PART NUMBER		
	STD WASHER DIN 6340				Documents		
ENGINEERING SPECIFICATION		REV. C	FRAME 2	OF 3	 Document Sharing Hub		
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