

Standard Parts / Inch Fasteners

FNHA-1-B-530.00

SAE Washer Zn Cr Plated

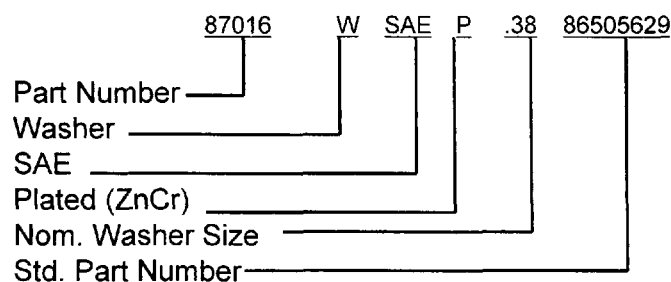
1. SCOPE

1.1 The fasteners defined by this specification are gold zinc chromate (ZnCr) plated SAE Washers.

1.2 The SAE Washer ZnCr plated is to be used when smaller ID, OD and thickness can be used in application. For other flat washers, see 86505601 (FNHA-1-B-510.00).

2. DESIGNATION

2.1 Typical call on a drawing shall be:



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 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.

2.2 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

86508305 (FNHA-2-H-500.00) - Zinc Electroplating on Ferrous Surfaces.
 86505922 (FNHA-3-A-005.00) - Assignment of Standard Part Numbers.
 86505601 (FNHA-1-B-510.00) - Standard Washers Zn Cr Plated
 ASTM F844 - Unhardened Steel Washers
 ANSI/ASME B18.22.1 - Plain Washers

3.2 This standard replaces the following company standards:

New Holland (Partial)	NA2.03.2
Versatile (Partial)	1-A-025

4. REQUIREMENTS

4.1 MATERIAL

Washers should be punched from hot rolled, hot rolled and pickled, cold rolled steel; or shall be machined from bar stock or tubing; or may be forged at manufacturer's option.

4.2 PLATING

The plating shall be gold Zinc Chromate (ZnCr) Electroplate per 86508316 (FNHA-2-H-500.25). Baking is not required for Hydrogen Embrittlement relief.

					NAME	STD W SAE ZNCR		
					 NEW HOLLAND	ENGINEERING SPECIFICATION		
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ALL	C	BJF	110171	6/97			PART NUMBER	
ALL	B	BJF	108388	11/96			86505629	
ALL	A	RE	104739	1/95			Documents	
FRAME NO.	REV	BY	ECN NO.	DATE				
APP.	DRAWN		BJFJR	1/96				
KHH 2/96	CHECKED							

Standard Parts / Inch Fasteners**FNHA-1-B-530.00****4.3 MECHANICAL DIMENSIONS**

The general dimensions shall meet requirements in Table 1 according to Type A Narrow (N) Plain Washers per ANSI/ASME B18.22.1.

4.4 FLATNESS

The following flatness requirements are per ASTM A844.

Outside Diameter	Out Of Flat Max.
OD < .500	.007
.5625 < OD ≤ 1.250	.010
OD > 1.25	.015

4.5 PARALLELISM

Washer faces shall be parallel with .055 in.

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

 NEW HOLLAND	NAME			PART NUMBER	
	STD W SAE ZNCR			86505629	
ENGINEERING SPECIFICATION			REV. D	FRAME 2	OF 4

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