

SAE Washer, Plain

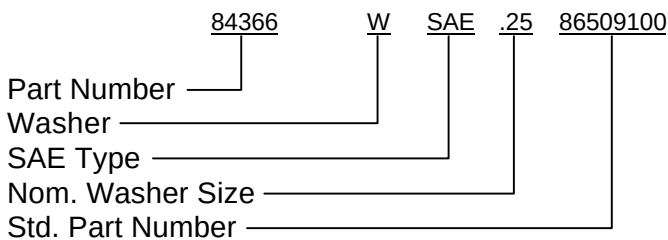
1. SCOPE

1.1 The fasteners defined by this specification are plain SAE Washers.

1.2 The SAE Washer plain is to be used only in applications where smaller ID, OD, and thickness washer can be used and it is not appropriate to use plated flat washer. For other plain flat washers, see 86509099 (FNHA-1-B-520.00).

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

86505922 (FNHA-3-A-005.00)—Assignment of Standard Part Numbers
 86509099 (FNHA-1-B-520.00)—Standard Washers Plain
 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 shall 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

These parts are not plated.

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.

					NAME	STD W SAE		
ALL	E	BJF	117881	19MAR02	 NEW HOLLAND	ENGINEERING SPECIFICATION		
ALL	D	BJF	111422	2/98				
ALL	C	BJF	110171	6/97				
ALL	B	BJF	108388	11/96	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.	FRAME	OF	
ALL	A	RE	104739	1/95		1	4	
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APP.	DRAWN		BJFJR	4/96		26509100 Documents Document Sharing H		
KHH 5/97	CHECKED							

4.4 FLATNESS

The following flatness requirements are per ASTM A844.

Outside Diameter	Out of Flat Max.
OD < .500	.007
.5625 < OD ≤ 1.25	.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 tests for sample approval for initial lots. After 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 of 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				86509100	
ENGINEERING SPECIFICATION				REV. E	FRAME 2	OF 4