

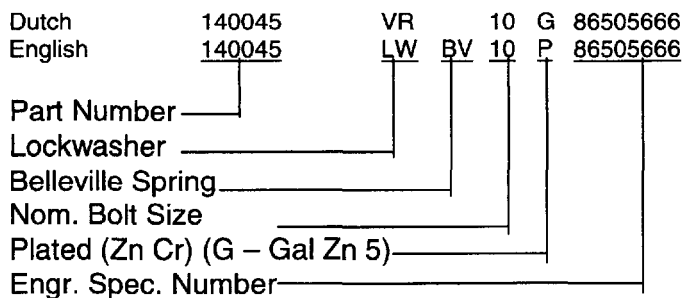
Lockwasher, Belleville Spring Type, Zn Cr**1. SCOPE**

1.1 The fasteners defined by this specification are gold zinc chromate (Zn Cr) plated Lock Washers, Belleville Spring Type.

1.2 The Lock Washer Belleville Spring Type Zn Cr plated is the preferred item.

2. DESIGNATION

2.1 Typical call out 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.

2.3 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

NFE 25-511 - Lockwashers

3.2 This standard replaces the following company standards.

New Holland

ES14.03

4. REQUIREMENTS**4.1 MATERIAL**

The material shall be spring steel. Material shall be thru hardened and tempered to hardness of Rockwell C 42 to 50.

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). Baking (86512106) per standard 86508305 (FNHA-2-H-500.00) is required for hydrogen embrittlement relief.

4.4 MECHANICAL DIMENSIONS

The general dimensions shall meet the requirements in Table 1.

					NAME		
						STD LW BV ZNCR	
ALL	E	BJF	114025	11/99	 NEW HOLLAND	ENGINEERING SPECIFICATION	
ALL	D	BJF	113897	9/99			
3,4	C	BJF	110082	5/97			
1	B	BJF	108931	1/97			
ALL	A	RE	104739	1/95			
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Standard Parts / Metric Fasteners

FNHA-1-A-540.00

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

 NEW HOLLAND	NAME			PART NUMBER		
	STD LW BV ZNCR			Documents		
ENGINEERING SPECIFICATION			REV. E	FRAME 2	OF 4	86505666