

Lockwasher Helical Spring Zn Cr Plated**1. SCOPE**

1.1 The fasteners defined by this specification are gold zinc chromate (Zn Cr) plated Helical Spring Lockwashers.

1.2 The Helical Spring Lockwasher Zn Cr plated is non-preferred. The preferred Lockwashers are in standard 86505666 (FNHA-1-A-540.00).

2. DESIGNATION

2.1 Typical call out on a drawing shall be:

Dutch	140026	VR	6	G	86505686
English	140026	LW	6	P	86505686
Part Number					
Lockwasher					
Nom. Washer Size					
Plated (Zn Cr) (G – Gal Zn 5)					
Engr. Spec. 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 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-2-500.00)—Zinc Electroplating on Ferrous Surfaces

86505922 (FNHA-3-D-005.00)—Assignment of Standard Part Numbers

DIN 127—Spring Washers

DIN 267 Part 26—Fasteners

3.2 This standard replaces the following company standard:

Versatile

1-M-052

4. REQUIREMENTS**4.1 MATERIAL**

Helical spring lockwashers shall be made from SAE 1060 or equivalent carbon steel.

Also, lockwashers shall be heat treated to a hardness of Rockwell C45 to 51 or equivalent.

					NAME	STD LW HELICAL		
					 NEW HOLLAND		ENGINEERING SPECIFICATION	
ALL	H	BJF	120060	04DEC02	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 1	OF 4
FRAME NO.	REV	BY	ECN NO.	DATE			PART NUMBER	
APP.	DRAWN		BJFJR	12/93			26503686 Documents Document Sharing H	
KHH 1/94	CHECKED							

4.2 PLATING

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

4.3 MECHANICAL DIMENSIONS

The general dimensions shall meet the requirements in Table 1 according to DIN 127 Type B. Also, the acceptance criteria and proof loading shall meet the requirements in Table 1 according to DIN 127, Type B.

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 Material 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 HELICAL				86505686	
ENGINEERING SPECIFICATION		REV. H	FRAME 2	OF 4	 	