

Square Head Set Screw, Cup Point, ZnCr Plated, Coarse Threads

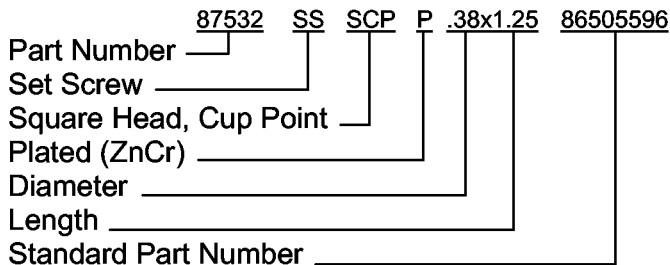
1. SCOPE

1.1 The fasteners defined by this specification are Gold Zinc Chromate (ZnCr) plated Square Head Set Screw with cup point and coarse threads.

1.2 Part numbers marked with (*) are part numbers controlled by Europe. Although original control of the parts is by Europe, North American Engineering and Purchasing are to use the FNHA standard for parts selection and purchasing.

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 SPECIFICATION

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.

ANSI/ASME B18.6.2—Square Head and Slotted Headless Set Screws

ANSI/AMSE B1.1—Unified Inch Screw Threads.

SAE J1061—Surface Discontinuities on General Application Bolts, Screws, and Studs.

3.2 This standard replaces the following company standards:

New Holland	NA2.02.16
Versatile (Partial)	1-A-041

4. REQUIREMENTS

4.1 MATERIAL

4.1.1 Alloy or medium carbon steel thru hardened to hardness of 34–44 Rockwell C.

4.1.2 Low Carbon Steel, carburized to case depth .004" – .012" and hardened to 77–86 Rockwell 15N.

4.2 PLATING

The plating shall be Gold Zinc Chromate (ZnCr) Electroplate per 86508316 (FNHA-2-H-500.25). Baking (86512106) per 86508305 (FNHA-2-H-500.00) is required for hydrogen embrittlement relief.

					NAME	STD SS SQH UNC ZNCR		
ALL	F	BJF	115375	11DEC00	 NEW HOLLAND	ENGINEERING SPECIFICATION		
ALL	E	TD	112552	8/98				
ALL	D	BJF	111422	2/98				
ALL	C	BJF	110118	6/97				
ALL	B	BJF	108931	1/97				
ALL	A	RE	104739	1/95				
FRAME NO.	REV	BY	ECN NO.	DATE	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	
APP. KHH 12/96	DRAWN		BJFJR	11/96		PART NUMBER		
	CHECKED					PART NUMBER		

 26505596
Document Sharing

4.3 MECHANICAL DIMENSIONS

Square Head Set Screw Thread geometry shall conform to UNC-2A per ANSI/AMSE B1.1 before plating. The general dimensions shall meet the requirements in Table 1. All other dimensions shall be according to ANSI/AMSE B18.6.2.

4.4 SURFACE DISCONTINUITIES

All products under this specification shall meet the Surface Discontinuities on General Application Bolts, Screws, and Studs per SAE J1061 requirements.

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.

	NAME				PART NUMBER	
	STD SS SQH UNC ZNCR				86505596	
ENGINEERING SPECIFICATION				REV. F	FRAME 2	OF 4