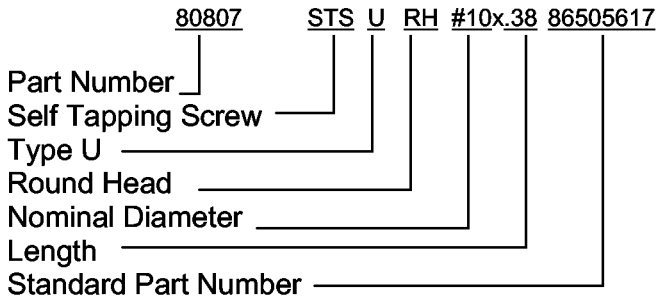


Metallic Drive Screws - Type U**1. SCOPE**

The fastener define by this specification are Type U metallic drive screws.

2. DESIGNATION

2.1 Typical call out on a drawing shall be:



NOTE: The above descriptions are required for used in all company wide computer generated documents. The descriptions on hand drawn assembly drawings should follow the same practice.

2.2 Table 2 lists all the preferred part number to be used in new designs.

2.2 When requesting a new part number, refer to the instructions in standard 86505922 (FNHA-3-A-005.00).

3. RELATED SPECIFICATIONS**3.1 RELATED STANDARDS**

86508305(FNHA-2-H-500.00) - Zinc Electroplating on Ferrous Surfaces
86505922(FNHA-3-A-005.00) - Assignment of Standard Parts Part Numbers
ASME B18.6.4 - Thread Forming and Thread Cutting Tapping Screws and Metallic Drive Screws
SAE J123 - Surface Discontinuities on Bolts, Screws, and Studs.

3.2 This standard replaces the following company standards:

New Holland NA2.02.14

4. REQUIREMENTS**4.1 MATERIAL**

Steel suitably hardened to meet the performance requirements specified in standard ASME B18.6.4.

4.2 PLATING

Zinc Clear 86508312 per standard 86508305 (FNHA-2-H-500.00) unless otherwise specified.

4.3 MECHANICAL DIMENSIONS

The general dimensions shall meet the requirements in Table 1. All other dimensions shall be according to ASME B18.6.4.

					NAME	STD STS TYPE U			
					 NEW HOLLAND		ENGINEERING SPECIFICATION		
					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	B	RE	114629	4/00			1	3	
FRAME NO.	REV	BY	ECN NO.	DATE			PART NUMBER		
APP.	DRAWN		BJFJR	3/00					
GES 4/00	CHECKED						36505617		

4.4 SURFACE DISCONTINUITIES

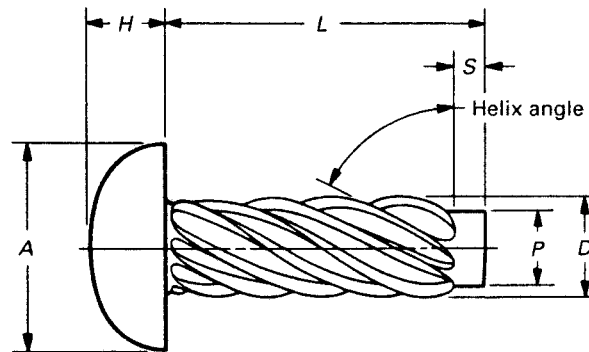
All products under this specification shall meet the Surface Discontinuities on Bolts, Screws, and Studs per standard SAE J123.

5. SUPPLIER RESPONSIBILITY

5.1 Suppliers shall perform the necessary tests for sample approval for initial lots. After this approval, Suppliers are not required to perform the specific test, but to 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/Standards Engineering activity of the proposed changes and obtain the written acknowledgement of the Materials/Standards Engineering activity. Test data, test samples, and a new identification code are to be submitted with the request.

Table 1



Nominal Size	Number of Start Threads	Outside Diameter (D)		Head Diameter (A)		Head Height (H)		Pilot Diameter (P)		Recommended Hole Size	
		Max	Min	Max	Min	Max	Min	Max	Min	Drill Size No.	Hole Diameter
#0 (.0750)	6	.075	.072	.127	.118	.049	.041	.063	.060	51	.067
#2 (.1000)	8	.100	.097	.162	.146	.069	.059	.083	.080	44	.086
#4 (.1160)	7	.116	.112	.211	.193	.086	.075	.096	.092	37	.104
#6 (.1400)	7	.140	.136	.260	.240	.103	.091	.116	.112	31	.120
#7 (.1540)	8	.154	.150	.285	.264	.111	.099	.126	.122	29	.136
#8 (.1670)	8	.167	.162	.309	.287	.120	.107	.136	.132	27	.144
#10 (.1820)	8	.182	.177	.359	.334	.137	.123	.150	.146	20	.161
#12 (.2120)	8	.212	.206	.408	.382	.153	.139	.177	.173	11	.191
#14 (.2420)	9	.242	.236	.457	.429	.170	.155	.202	.198	2	.221
5/16 (.3150)	11	.315	.309	.590	.557	.216	.198	.272	.267	M	.295

Nom. Screw Length (L)	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	1 in and over
Pilot Length (S) Ref	.047	.047	.047	.047	.062	.062	.078	.078	.125

	NAME STD STS TYPE U				PART NUMBER 86505617	
	ENGINEERING SPECIFICATION				REV. B	FRAME 2
				OF 3		