

Cold-Rolled Sheet ASTM A1008 CS Type B (Formerly A366 CQ)**1. SCOPE**

1.1. This standard applies to cold-rolled carbon steel sheet of commercial quality, in coils or cut length.

1.2 This material is intended for exposed or unexposed parts where bending, moderate drawing, forming, and welding may be involved.

1.3 Narrow widths cut from wide sheet are not strip, unless they qualify as strip because of thickness, special finish, special edge, or special temper.

2. DRAWING SPECIFICATION

2.1 CR Sheet ASTM A1008 CS type B

2.2 This standard replaces CR Sheet ASTM A366

3. RELATED STANDARDS

86050115 (FNHA-2-A-026.00)—General Requirements: Sheet, Strip, Cold-Rolled Sheet, Cold-Rolled Strip

86572106 (FNHA-2-A-051.01)—Materials List 86050094

ASTM A1008—Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, and High-Strength, Low-Alloy

4. CHEMICAL REQUIREMENTS**Table 1:** Chemical Requirements

Element	Composition, %
Carbon, max.	0.15
Manganese, max.	0.60
Phosphorus, max.	0.035
Sulfur, max.	0.040
Copper (when specified), min.	0.20

5. MECHANICAL REQUIREMENTS**5.1 BEND TEST**

The material shall be capable of being bent, at room temperature, in any direction through 180 degrees flat on itself without cracking on the outside of the bent portion (see Section 13 ASTM Method A370).

5.2 HARDNESS

If no special flattening is required, a sheet of this quality is not expected to exceed a hardness equivalent of Rockwell B60 at time of shipment.

5.3 Moderate deformations on identified parts are assessed by use of the scribed square test as described in standard 86050115 (FNHA-2-A-026.00). Experience has shown that if the percent increase in area of any drawn portion of a satisfactory untrimmed part is 25 percent or less, commercial quality should give satisfactory performance. If it is more than 25 percent, drawing quality or drawing quality special killed should be specified.

					NAME	STD A1008 CS TYPE B		
					 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 1 OF 2
ALL	K	RE	119270	08-02				PART NUMBER
FRAME NO.	REV	BY	ECN NO.	DATE				
APP.	DRAWN	DE	AUG 93					
KHH OCT 93	CHECKED							

6. DIMENSIONS AND TOLERANCES

See appropriate requirements of 86050115 (FNHA 2-A-026.00).

7. GENERAL DELIVERY REQUIREMENTS

Material furnished under this standard shall conform to the appropriate general requirements of 86050115 (FNHA 2-A-026.00).

 NEW HOLLAND	NAME				PART NUMBER	
	STD A1008 CS TYPE B				86050094	
ENGINEERING SPECIFICATION		REV. K	FRAME 2	OF 2		