

# CERTIFICATION OF ANALYSIS

**T C W**  
**THE STEEL WORKS**

1020 Niedringhaus Ave  
PO BOX 366  
Granite City, IL 62040  
Phone: (618) 452-2833

E

--- THE STEEL CO. NC.  
P.O. BOX 1688  
MANHATTAN,, KS 66502-0044

SHIP TO:

BOL/REL# 16191

Ship Date: 6/29/2023

## Order Information

Your PO #: 4500549011

SalesOrder # 55518 - 2

Our Part #: SPSC 3/16 X 12.0 X 240

Your Part #:

Part Desc: 3/16 X 12 X 240 C1008-C1012, A749

Diameter: .1870

Mill Grade: A1011 A36

Chemistry Heat Number: 23026531

Mill: BRS - OSCEOLA, AR

Country: UNITED STATES

C: .060	Mn: .870	P: .008	S: .002	N: .009	Si: .030
Ti: .001	Cr: .050	Mo: .017	Cu: .110	Ca: .002	Al: .031
Nb/CB: .019	V: .004	Ni: .050	B:	Pb:	

Tensile: 75.0820

Decarb Average TAD:

Yield: 70.5000

Decarb Free Ferrite Depth:

% Elongation 29.2000

% Spheroidization:

Rockwell:

% Reduction Of Area:

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Brett Paffrath