

CERTIFICATION OF ANALYSIS

T C W
THE STEEL WORKS

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

WE

BOL/REL# 15894

Ship Date: 4/11/2023

Order Information

Your PO #: 4500544249

SalesOrder # 55199 - 9

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

Your Part #:

Part Desc: 3/16 X 12 X 240 C1008-C1012, A49

Diameter: .1870

Mill Grade: A1011 A36

Chemistry

Heat Number: B2218520

Mill: BRS - OSCEOLA, AR

Country: UNITED STATES

C: 0.2200	Mn: 0.4500	P: 0.0150	S: 0.0010	N: 0.0090	Si: 0.0200
Ti:	Cr: 0.0800	Mo: 0.0100	Cu: 0.1200	Ca: 0.0010	Al: 0.0330
Nb/CB:	V: 0.0030	Ni: 0.0400	B:	Pb:	

Tensile: 75500

Decarb Average TAD:

Yield: 51600

Decarb Free Ferrite Depth:

% Elongation 29.50

% Spheroidization:

Rockwell:

% Reduction Of Area:

Brett Paffrath