TRU-FIT PRODUCTS • TRU-WELD

QUALITY WELD STUDS, STUD WELDING EQUIPMENT AND FASTENERS SINCE 1928

Atlanta • Calgary • Chicago • Dallas • Denver • Houston • Kansas City • Las Vegas • Medina
New York City • Salt Lake City • Smithville • Toronto • Vancouver

460 Lake Rd Medina, OH 44256 USA
Phone: (330)725-7741 Fax: (330)725-0161 Toll Free: (800)321-5588

AMERICAN PRODUCERS SUPPLY CO.
PO BOX 1050

MARIETTA OH 45750

SC12-051-11

SC 3/4 X 3-3/16 HEADED WELD STUD B/W

PO NUMBER	SHIPMENT NUMBER	ORDER NUMBER	CERT DATE	CERT QUANTITY
P1557790	5094537	65109898	12/1/2025	125

CERTIFICATION

This is to certify that this product has been manufactured to conform to: STANDARD AASHTO M169 / BS EN ISO 13918/AWS D1.1-25/D1.5-25 subclause 9.9 manufacturer weld base qualification (s). Specifications of material conforming to ASTM A108-18/ A29-23, ASTM A1044/A1044M-22a, BS EN 10204 3.1, S235 JRC, BS EN10025 low carbon steel, CSA W59-18 APPENDIX H AND CSA S6-19 CLAUSE 10.4.7. having the following chemical composition and physical properties:

LOT NUMBER:	392325296	
HEAT NUMBER:	21014340	
GRADE:	C1015	
MATERIAL ORIGIN	DOMESTIC (USA)	
CHEMICAL COMPOSITION		
CARBON:	0.160 %	
MANGANESE:	0.550 %	
PHOSPHORUS:	0.006 %	
SULPHUR:	0.006 %	
NICKEL	0.040 %	
CHROMIUM	0.070 %	
MOLYBDENUM	0.020 %	
ALUMINUM	0.022 %	
SILICON	0.190 %	
COPPER	0.060 %	
BORON	0.0001 %	
CEV	0.28 %	
MECHANICAL PROPERTIES		
REFERENCE	TW25-456 1	TW25-456 2
ULTIMATE	69,808 PSI	70,385 PSI
	481 N/mm2	485 N/mm2
YIELD (0.2% OFFSET)	51,105 PSI	51,090 PSI
	352 N/mm2	352 N/mm2
REDUCTION OF AREA	63.5 %	64.2 %
ELONGATION	29.7 %	29.7 %
BEND TEST	PASSED	PASSED
FAILURE LOCATION	SHANK	SHANK

Mechanical properties above are derived from finished product using ASTM A370 testing procedures. TFP Corporation certifies that this is a copy of the original mechanical certification on file, that this product is melted and manufactured in the U.S.A., is free from mercury contamination and is free from repair welding.

By: Samuel T Ray

Samuel T Ray
Q.A. Manager
Tru-Weld Division
TFP Corporation