TRU-FIT PRODUCTS • TRU-WELD

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QUALITY WELD STUDS, STUD WELDING EQUIPMENT AND FASTENERS SINCE 1928
MADE IN THE USA

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

SC12-099-11

SC 3/4 X 6-3/16 HEADED WELD STUD B/W

PO NUMBER	SHIPMENT NUMBER	ORDER NUMBER	CERT DATE	CERT QUANTITY
P1516265	5018671	65032867	7/19/2024	60

CERTIFICATION

This is to certify that this product has been manufactured to conform to: STANDARD AASHTO M169 / AWS D1.1-20 / D1.5-20/ BS EN ISO 13918 Specifications of material conforming to ASTM A108-18/ A29-20 , 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:	393324170			
HEAT NUMBER:	20935020			
GRADE:	C1015			
MATERIAL ORIGIN	DOMESTIC (USA)			
CHEMICAL COMPOSITION				
CARBON:	0.150 %			
MANGANESE:	0.540 %			
PHOSPHORUS:	0.005 %			
SULPHUR:	0.004 %			
NICKEL	0.040 %			
CHROMIUM	0.060 %			
MOLYBDENUM	0.010 %			
ALUMINUM	0.029 %			
SILICON	0.270 %			
COPPER	0.080 %			
BORON	0.0001 %			
CEV	0.26 %			
MECHANICAL PROPERTIES				
REFERENCE	TW24-263	1	TW24-263	2
ULTIMATE	70,545	PSI	70,726	PSI
	486	N/mm2	488	N/mm2
YIELD (0.2% OFFSET)	52,295	PSI	53,343	PSI
	361	N/mm2	368	N/mm2
REDUCTION OF AREA	65.3	%	64.8	%
ELONGATION	35.9	%	35.9	%
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. and is free from mercury contamination.

By: Samuel T Ray

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

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SC 3/4 X 6-3/16 HEADED WELD STUD B/W

PO NUMBER	SHIPMENT NUMBER	ORDER NUMBER	CERT DATE	CERT QUANTITY
P1516265	5018671	65032867	7/19/2024	180

CERTIFICATION

This is to certify that this product has been manufactured to conform to: STANDARD AASHTO M169 / AWS D1.1-20 / D1.5-20/ BS EN ISO 13918 Specifications of material conforming to ASTM A108-18/ A29-20 , 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:	393324173			
HEAT NUMBER:	20939560			
GRADE:	C1015			
MATERIAL ORIGIN	DOMESTIC (USA)			
CHEMICAL COMPOSITION				
CARBON:	0.160 %			
MANGANESE:	0.520 %			
PHOSPHORUS:	0.004 %			
SULPHUR:	0.002 %			
NICKEL	0.030 %			
CHROMIUM	0.080 %			
MOLYBDENUM	0.020 %			
ALUMINUM	0.029 %			
SILICON	0.280 %			
COPPER	0.090 %			
BORON	0.0001 %			
CEV	0.28 %			
MECHANICAL PROPERTIES				
REFERENCE	TW24-273 1		TW24-273 2	
ULTIMATE	70,694	PSI	70,900	PSI
	487	N/mm2	489	N/mm2
YIELD (0.2% OFFSET)	52,497	PSI	51,595	PSI
	362	N/mm2	356	N/mm2
REDUCTION OF AREA	64.8	%	65.6	%
ELONGATION	40.6	%	40.6	%
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. and is free from mercury contamination.

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