

Multi-State Advanced Manufacturing	RELEASE DATE	10/06/2015		
Consortium	VERSION	v 001		
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PRIMARY DEVELOPER: Kevin Ridge, Welding Instructor, Henry Ford College				

Gas Tungsten Arc Welding (Steel and Stainless Steel-Flat and Horizontal) *Project 4 – Specification and Print*

Weld Type	Square Groove
Welding Process	GTAW
Position	Horizontal
Material	1/8" Steel
Joint Type	Butt
Backing Option	
Backing Material	

Polarity	DC+
Electrode	ER70s-6
Transfer Mode	
Tungsten Electrode	2% Ceriated
Shielding Gas	100% Argon
Flow Rate	25 cfh
Cup Size	

Welding Procedure									
Weld Layers	Pass No.	Process	Filler Metal Classification	Filler Metal Diameter in (mm)	Current Amps	Current Type and Polarity	Wire Feed Speed	Volts	Remarks
Stringer	Butt	GTAW	ER-70s-6	1/16"	120a	DC+			





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Heat Treatment: Preheat Temperature: Post Heat Temperature: Interpass Temperature: Stress Relieving: Technique: Butt Joint single pass weld

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Additional Notes: Show instructor progress every 30 minutes, minimum.

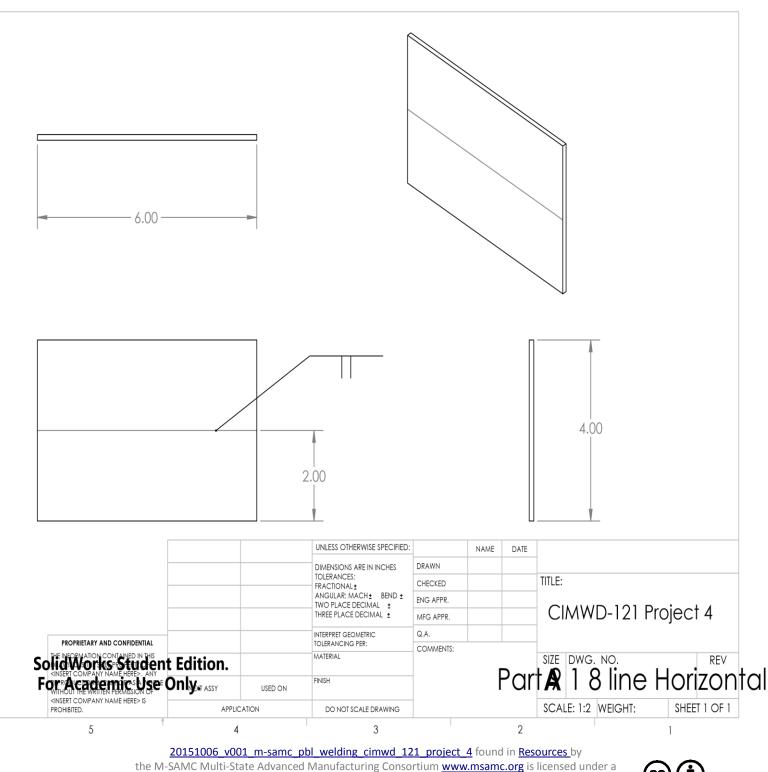




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