

Customer Name: _____ Date: _____

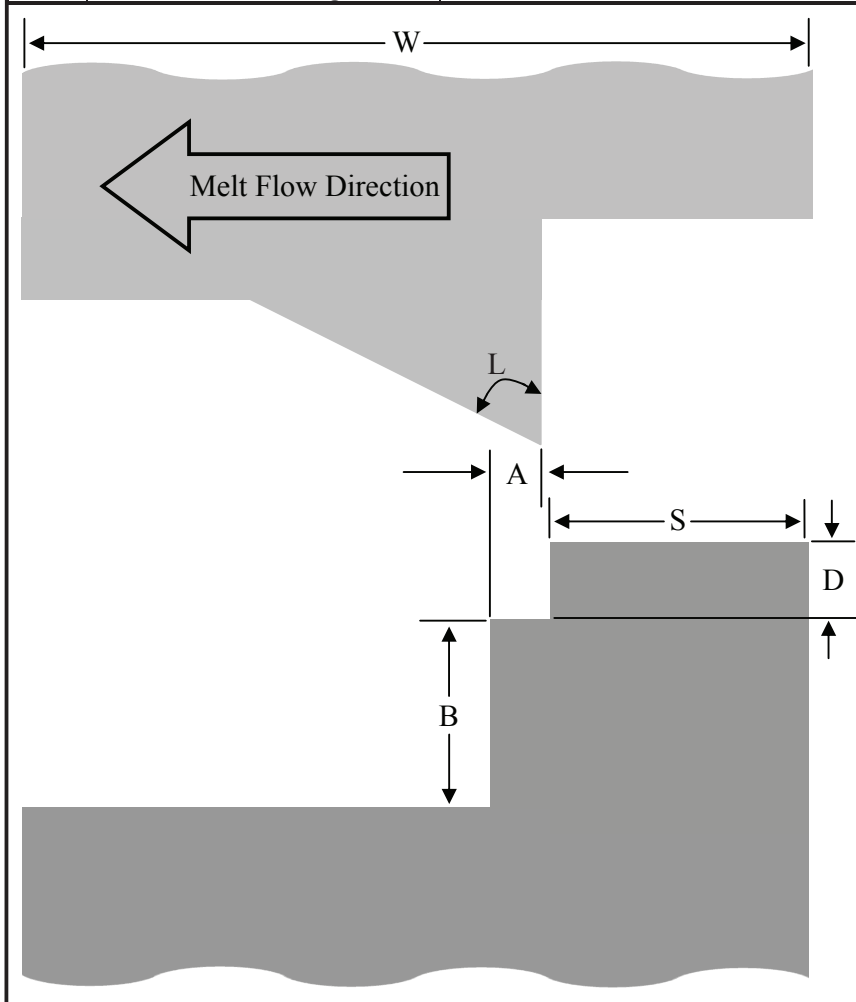
Application Number: _____ Revision: _____

Project: _____

Material: _____

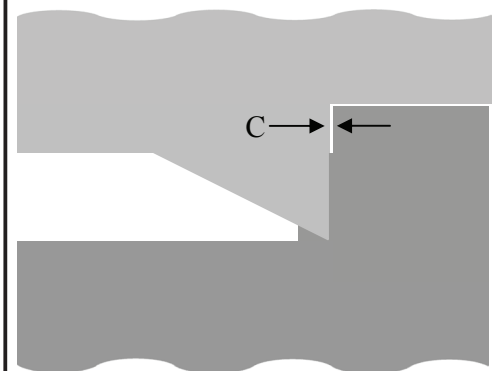
Prepared By: _____ Email: _____

	Dimension	General Guidelines	Recommended Size
W	Wall Thickness	Minimum 0.060" (1.52mm)	
B	Shear Length	Approximately 0.030" (0.76mm)	
A	Shear Width	0.008" - 0.020" (0.20mm - 0.51mm)	
D	Lead-in	Minimum 0.020" (0.51mm)	
S	Side Wall Width	Minimum 0.035" (0.89mm)	
C	Clearance	0.002" to 0.004" (0.05mm - 0.10mm)	
L	Shear Lead-in Angle	60°	



The shear variation joint for ultrasonic welding is used to obtain a strong, leak tight weld on smaller parts manufactured from PC or a semi-crystalline material (excluding PP and PE).

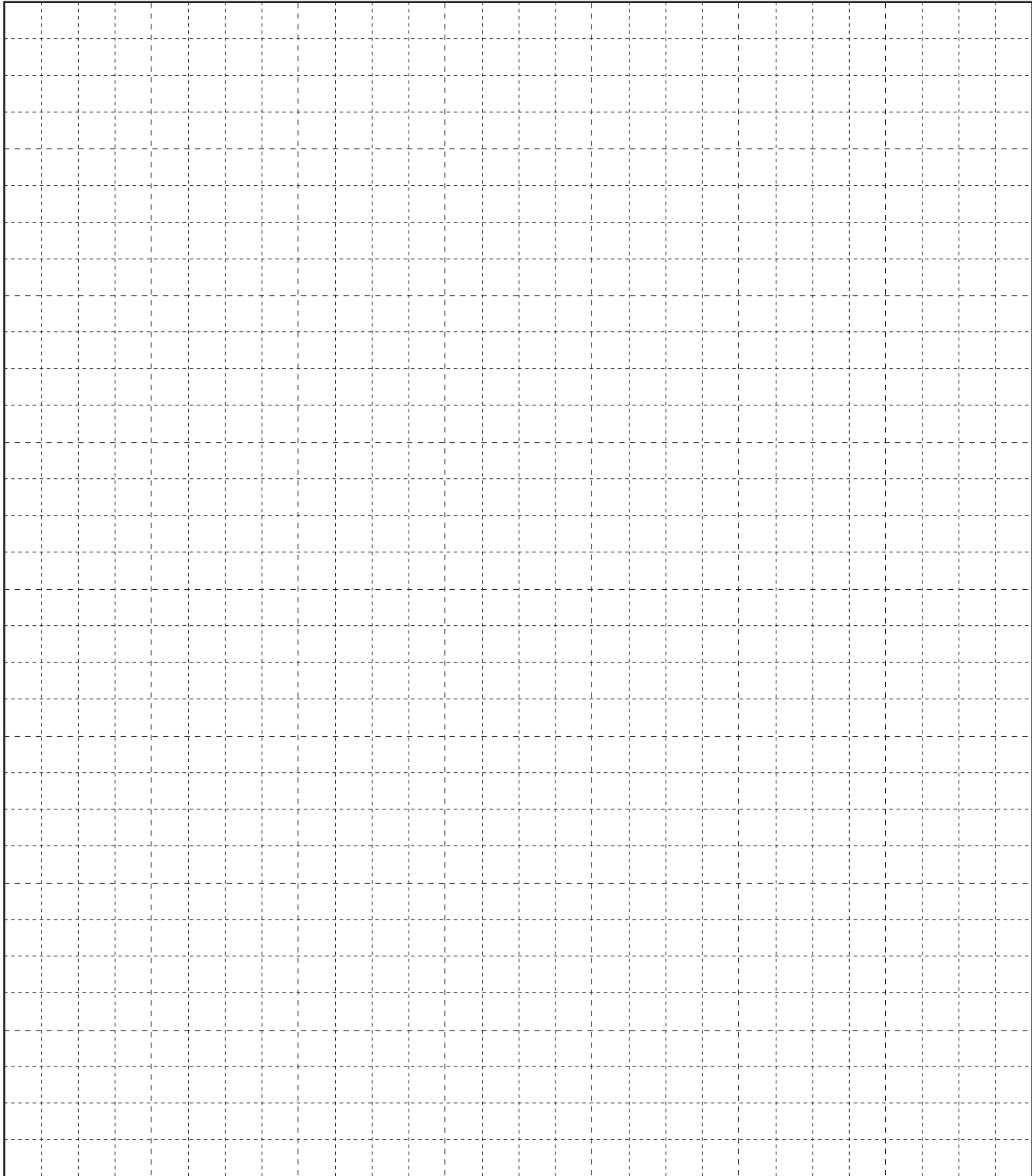
When using this type of joint, it is very important to ensure sufficient rigidity in the side walls. Otherwise, the joint may be weakened and the walls may deform or crack.



Collapsed

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Part Name/Description



Use this grid to sketch the specific part design showing joint dimensions and location.