

Customer Name:

Application Number:

Project:

Material:

Prepared By:

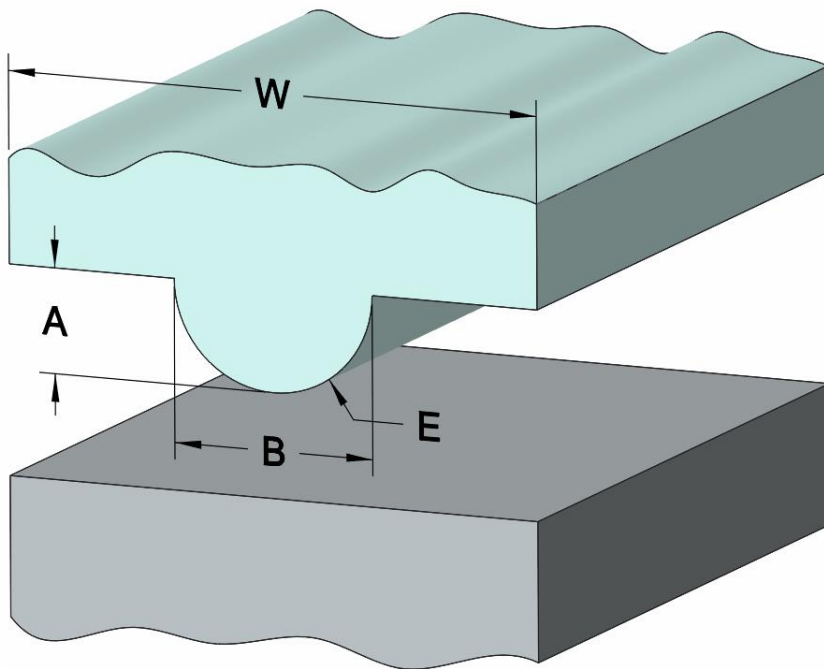
Date:

Revision:

Email:

	Dimension	General Guidelines	Recommended Size
W	Wall Thickness	Minimum 0.090" (2.29mm) and/or 4B	
B	Energy Director Base Width	0.010" - 0.040" (0.25mm - 1.00mm)	
A	Energy Director Height	Less than or equal to B/2	
E	Energy Director Radius	180° (Full)	

Horn Side

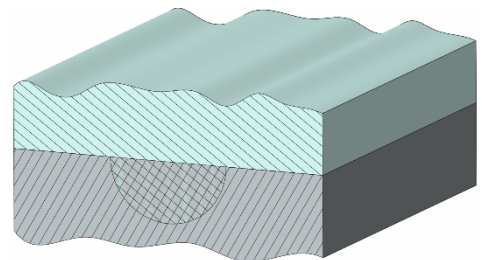


Fixture Side

The round energy director joint for ultrasonic welding is used to obtain a strong weld. This type of joint typically does not provide a leak tight seal. Additionally, it does not control the melt from the weld.

This joint style can be used with thin walled parts, less than 0.050" (1.27mm).

Performance evaluations of the round ED using Dukane's Ultrasonic Servo Welding Technology has confirmed that parts with this type of ED can be successfully welded with weld strength and consistency matching and even exceeding similar parts that have a 90-deg ED.



Collapsed