

Customer Name:

Date:

Application Number:

Revision:

Project:

Material:

Prepared By:

Email:

	Dimension	General Guidelines	Recommended Size
W	Wall Thickness	Minimum 0.100" (2.54mm)	
B	Shear Length	0.020" – 0.080" (0.51mm - 2.03mm)	
A	Shear Width	0.016" – 0.030" (0.41mm - 0.76mm)	
L	Lead-in	Minimum 0.050" (1.27mm)	
S	Side Wall Width	Minimum 0.040" (1.02mm)	
C	Clearance	0.005" per side (0.13mm)	

This is the most basic spin welding joint. It is frequently used for parts with minimal wall thickness.

The shear joint can provide a very strong mechanical weld, but does not offer good flash control.

Collapsed