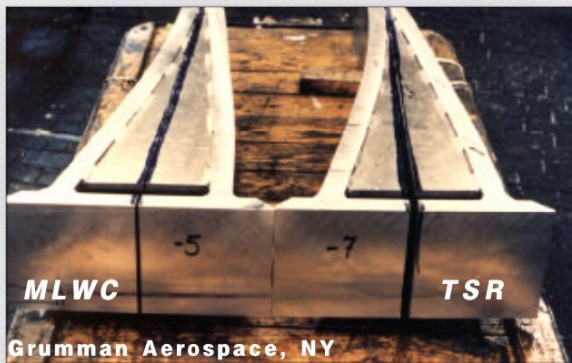
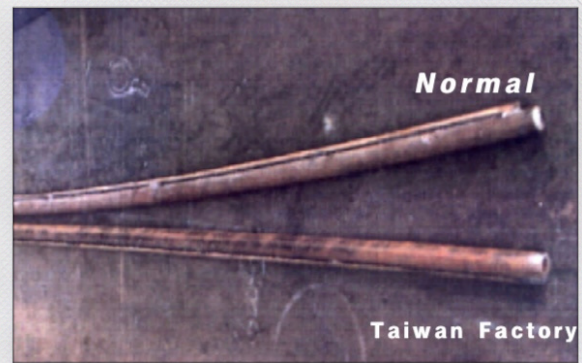


META-LAX[®] MINUTE

Welding



Bonding Fixtures



Pipes

69% LESS DISTORTION in this side-by-side comparison is achieved due to Meta-Lax weld conditioning vs. thermal stress relief.

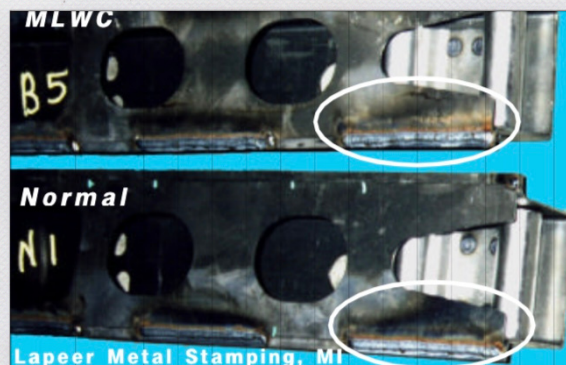
The ML WC 6061-T6 aluminum fixture distorted .161-in after being saw cut, while the TSR fixture distorted .524-in.

80% LESS DISTORTION occurred from the Meta-Lax weld conditioned pipe (bottom) than the "normal" welded pipe (top). The pipes are about 3-in diameter, 6-ft long with a 1/2-in square bar welded in 6 places.

REDUCE WELD DISTORTION & WELD CRACKING

LESS HEAT INPUT (amps) is needed to achieve high quality welds, thereby reducing adverse heat side effects, distortion, and cracking. The "B" cross member is Meta-Lax weld conditioned, while the "N" is welded as normal.

Note the difference in the heat affected zone. The Meta-Lax weld conditioned HAZ is metallurgically desired.



Cross Members

**Ask an
Expert**