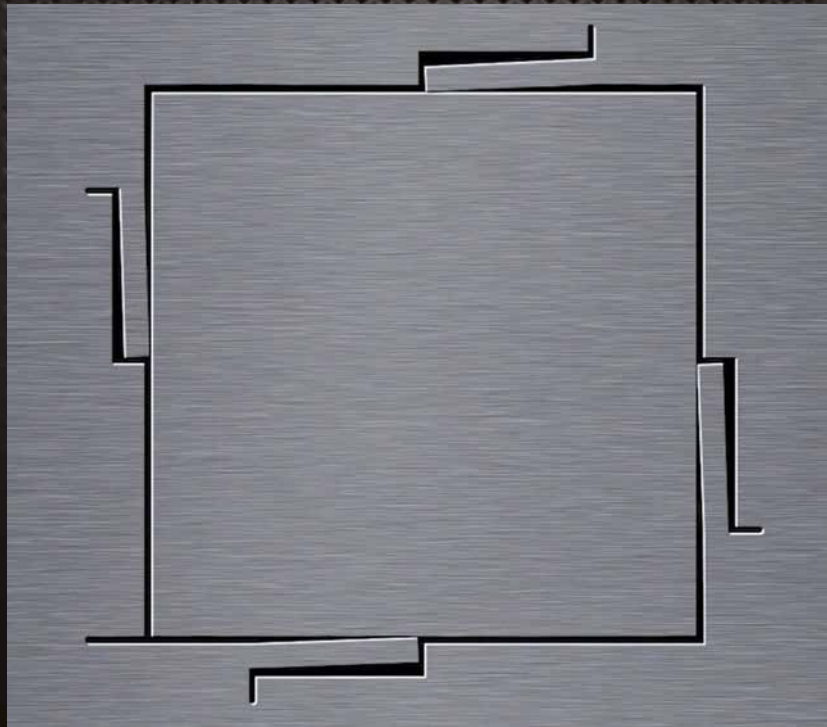




# ***SOFT JOINT AMNC 3i ENHANCEMENT***

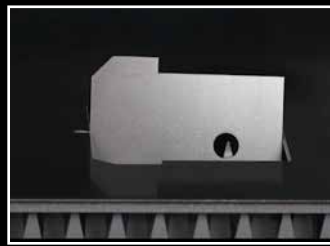


Growing Together with Our Customers

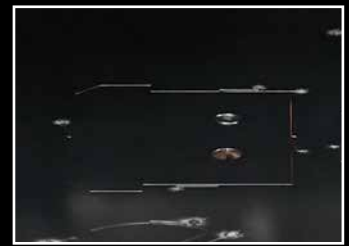


# SOFT JOINT FUNCTION is now available on your AMNC 3i Fiber laser

A common issue in laser processing is the cut part tipping mid sheet. AMADA Soft Joint technology provides the solution.



No Joint

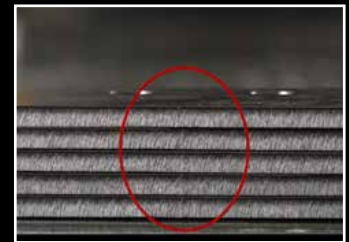


Soft Joint

Drastically reduce or even remove the need for part grinding after laser processing with AMADA Soft Joint technology.



Conventional Joint



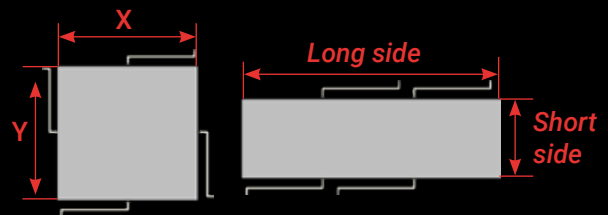
Soft Joint

Tipped laser cut parts and microjoint grinding lead to increased production times and costs. AMADA Soft Joint technology can solve both issues.

Applicable machinery: REGIUS, ENSIS, VENTIS, BREVIS - 1 license for 1 machine  
VPSS 4ie is required and must be updated to the latest available release - with a current maintenance contract

## SOFT JOINT SPECIFICATIONS\*

Power	MILD STEEL	STAINLESS STEEL	ALUMINUM
12kW	1 ~ 9 mm	2 ~ 12 mm	2 ~ 10 mm
9kW	1 ~ 9 mm	2 ~ 12 mm	2 ~ 10 mm
6kW	1 ~ 6 mm	2 ~ 12 mm	2 ~ 10 mm
4kW	1 ~ 6 mm	2 ~ 12 mm	2 ~ 10 mm
Recommend PM condition for t4.5 or more.			
3kW	1 ~ 3.2 mm	2 ~ 12 mm	2 ~ 10 mm



Minimum parts size		Minimum parts size	
X	Y	Long side	Short side
40 mm	40 mm	~ 80 mm	no limitation

\* Only non-oxidation cutting is available. (Nitrogen / Air / Easy cut)

See SOFT JOINT in action here



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