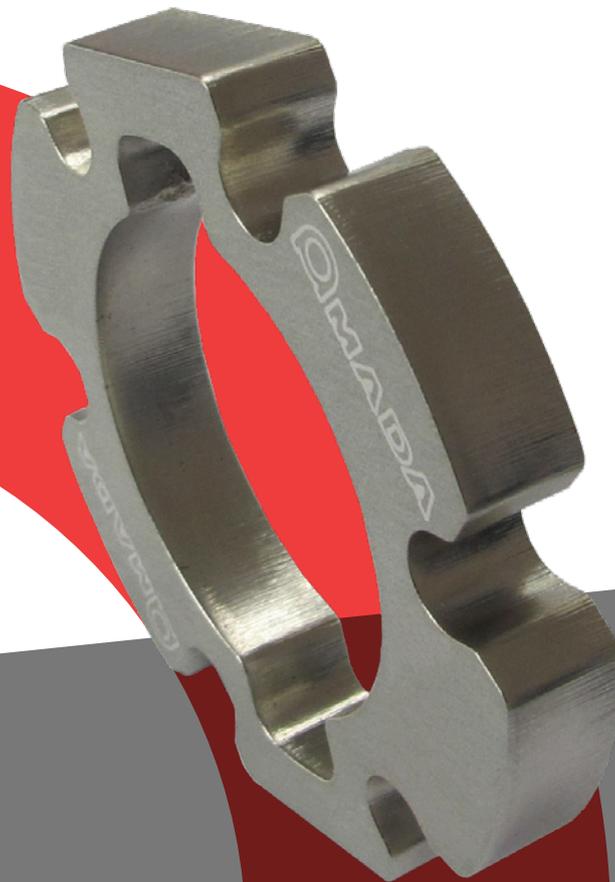




# SOLUTION

## ***FIBER SILKY CUT***

VERY HIGH STAINLESS STEEL PROCESSING  
WITH CO<sub>2</sub> QUALITY



# FIBER SILKY CUT

## VERY HIGH STAINLESS STEEL PROCESSING WITH CO<sub>2</sub> QUALITY

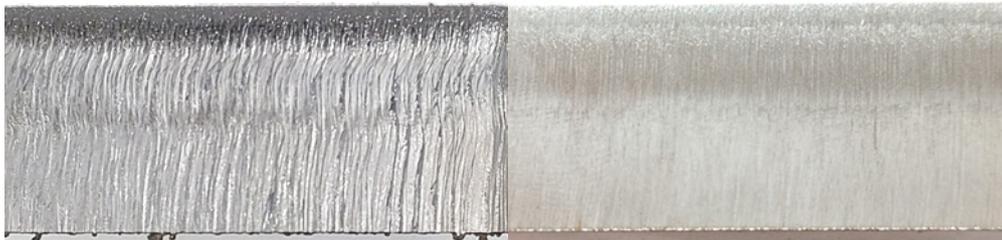
For many years, CO<sub>2</sub> lasers were the main profiling technology for metal cutting, due to their high quality capabilities in thicker materials. Recently, fibre lasers have become more and more popular with laser cutting companies due to two main strengths: high cutting speed in thin materials and low running costs. However, it was clear that in mid-thick stainless steel, CO<sub>2</sub> lasers were still the preferred choice for high quality processing.

AMADA has developed the fully automatic Fiber Silky Cut function giving CO<sub>2</sub> type quality and maintaining the fibre laser savings for electrical consumption (typically 70% less than an equivalent CO<sub>2</sub> laser).

### MORE CHOICE TO OFFER YOUR CUSTOMERS

Customers can now process mid-thick stainless steel with the confidence that it will meet the highest standards.

Material: Stainless steel 304 - Thickness: 10mm



Standard 9kW Fibre Laser

AMADA 9kW Fibre Laser with Fiber Silky Cut

### AMADA'S PROCESSING TECHNOLOGY



This process is a combination of AMADA's own fibre laser source, new cutting head design and optimization of the beam path optics, as well as advanced understanding of gas flow dynamics and beam shaping techniques.

Note: results achieved may vary depending on material, gases and laser cutting equipment.

### MACHINE AVAILABILITY



ENSIS-AJe Series



REGIUS-AJe Series

	Thickness (mm)
9kW	6 - 15 mm
12kW	6 - 20 mm
15kW	6 - 20 mm

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