

ABSTRACT OF THE DISCLOSURE

A manufacturing method of laser processed parts is characterized in that at least a pressure-sensitive adhesive layer is provided on a base material as a pressure-sensitive adhesive sheet (2) for laser processing, using a material having specified physical properties, and this method comprises a step of adhering the pressure-sensitive adhesive sheet (2) for laser processing to the laser beam exit side of the work (1) by way of the pressure-sensitive adhesive layer, a step of processing the work by irradiating the work with a laser beam (6) of within 2 times of the irradiation intensity for forming a through-hole in the work (1), at higher than the irradiation intensity of threshold for inducing ablation of the work (1), and a step of peeling the pressure-sensitive adhesive sheet (2) for laser processing from the work (1) after the machining. Therefore, contamination of the work surface by decomposition products can be effectively suppressed, and laser processed parts can be manufactured easily and at high production efficiency.

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