

Heavy Gauge Precision Stamp Parts for Thickness-Increasing, Precision, and Rolling Processing

Thanks to our unique processing technologies, we are capable of thickness-increasing processing and 1/100 millimeter precision processing, which have been difficult to achieve with conventional press processing. We use our advanced manufacturing technologies to create transmission parts.

Transmission Parts

Cross-section of transmission



Our products are used in the newly developed "Lineartronic", a chain-driven continuously variable transmission (CVT) that achieves excellent fuel efficiency. Manufactured using expertise we cultivated over the years, our products greatly contribute to comfortable driving, enhanced fuel efficiency, and a smooth ride.

Lineup of principal transmission parts



Precision Processing

Our unique thickness-increasing, precision and rolling processing realized by making full use of various forging presses and servo transfer presses has achieved thickness-increasing processing and 1/100 millimeter precision processing, which have been difficult to achieve with conventional press processing. We have also achieved significant reductions in machining compared to conventional processing. Precision parts, such as automobile transmission parts are created with advanced manufacturing technologies which enable production of precision-assured product lines on our unique, advanced, fully automated cutting process line.

Servo transfer press



Machine processing facilities



Thickness-increasing Processing

Simulation and press processing technologies are fully utilized to increase sheet thickness of materials. These thickness-increasing processing technologies greatly contribute to enhancement of flexibility of product design and also realize cost reduction by minimizing cutting and enhanced part strengths by strain hardening. Leveraging accumulated experience and know-how cultivated so far, we serve customers' needs in every phase from development to mass production.

