

ThyssenKrupp Tailored Strips.



A ThyssenKrupp
Steel
company

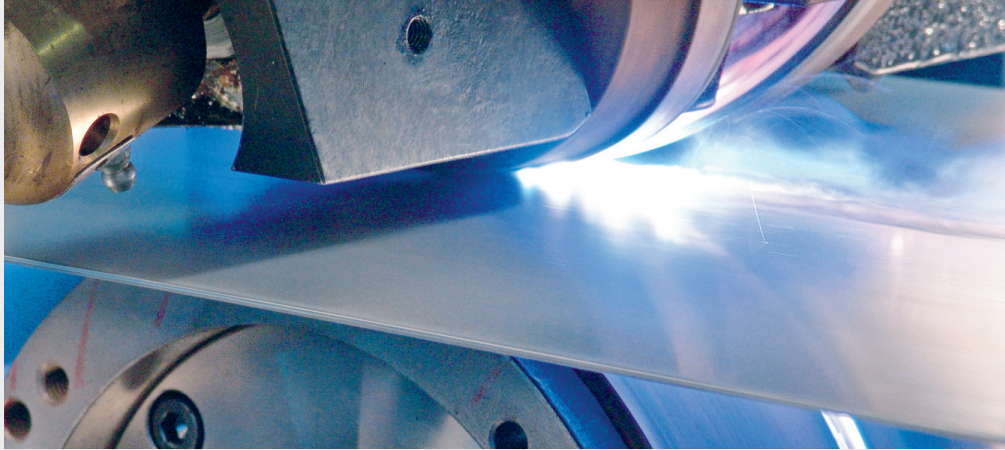
ThyssenKrupp Tailored Blanks



ThyssenKrupp

ThyssenKrupp Tailored Strips.

Tailored steel strip direct from coil.



Welding the starting material

Uninterrupted welds of several hundred meters.

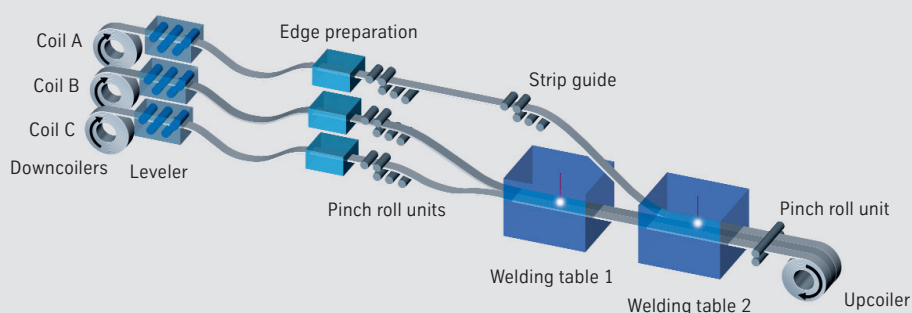
ThyssenKrupp Tailored Strips are a unique product for innovative light-weight construction with steel – tailored steel strips direct from coil suitable for further processing by automotive OEMs in progressive dies.

Advantages of ThyssenKrupp Tailored Strips

In addition to the *classic advantages* of tailored products, tailored strips offer the following additional possibilities

- + Processing in progressive dies
- + Reduced material costs
- + Reduced assembly costs
- + Reduced investment in stamping plant

ThyssenKrupp Tailored Strips – production process



Process

Production of ThyssenKrupp Tailored Strips: coils are welded together

Two become one: to produce tailored strips, two or three coils of different grade, thickness or finish are welded together. The individual slit coils are first downcoiled and leveled on separate machines. After subsequent edge preparation, the slit coils are then joined by laser welding in a single pass on two welding tables. Depending on your requirements, the tailored coil can then be rewound or cut to length on a guillotine shear.

Product range

- Width* ▶ 50–1,000 mm per slit coil
total width max. 1,200 mm, from 2009 1,500 mm
- Sheet thicknesses* ▶ 0.60–3.00 mm
- Steel grades* ▶ as per ThyssenKrupp Steel product range
plus stainless steel

Applications

Tailored strips are suitable for a wide variety of applications. They are used in the production of motor vehicles and other capital goods.

Use of tailored strips in the vehicle industry:

- ▶ Car industry
- ▶ Starting material for profiling and forming processes
- ▶ Starting material for tube production
- ▶ Truck industry
- ▶ Rail car construction
- ▶ Shipbuilding

Use of tailored strips in other capital goods:

- ▶ Switch cabinets
- ▶ Storage systems
- ▶ Food industry
- ▶ Construction industry
- ▶ Furniture industry



Example
Exhaust
system





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