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Our black and bright steel products are at the forefront of innovation across a wide range of industries. We want to maximize this positive contribution. To make things better, safer, more comfortable, more efficient and more sustainable. For all of us. On the European long steel market Steeltec is one of the leading suppliers of quality, engineering and free-cutting steel solutions as well as special bright steel. As part of the Swiss Steel Group, the two Business Units Swiss Steel and Steeltec were merged in January 2021 to form a single Business Unit under the joint name Steeltec.

Requirements Shaping Properties Additional processing
Applications

Industries Automotive Mechanical engineering Hydraulic applications Industrial
strength chains Construction Industry Bridges and

Tunnels Parkings Geotechnics Structural Design

Steeltec employs around 1,000 people at its sites in Switzerland, Germany,
Denmark, Sweden and Turkey.

Based on more than 175 years of experience in steel production, high-quality special steels are produced for applications such as the automotive, machinery, hydraulics and apparatus engineering industries.

Our direct customers include bar drawing mills, peeling plants, wire drawing mills, machining and cold forming companies as well as forges. Manufacturers of products

for construction and mining are also among our clientele.

The product portfolio of rolled and bright steel includes high-strength and higher-strength special steels (ETG & HSX) and XTP®-treated steels.

Steeltec develops the demonstrably strongest steel solutions in close cooperation with the other business units of the Swiss Steel Group and in close collaboration with customers and research institutes.

The basis for success is the continuous development of materials, processes, testing methods and technologies. Steeltec can rely on the worldwide distribution network of the Swiss Steel Group.

Products & SolutionsFree-cutting steelsConstruction steelsCase-hardening steelsHigh-strength special steelsTop12In mass production, free-cutting steels are mainly used for low-load small parts with high metal removal rates: connecting and fastening elements, shafts, hydraulic components, fittings and similar products.

Free-cutting steels are defined in the EN ISO 683-4 standard as unalloyed or low-alloy high-quality steels that have a relatively high sulfur content and that are either lead-free or contain some lead. All free-cutting steels exhibit good machinability as the presence of manganese sulfide and lead inclusions results in the formation of small chips when the material is machined. Machining is therefore one of the main areas in which free-cutting steels are employed. Depending on the requirements that the steel has to meet, we distinguish between soft free-cutting steels, which are not suitable for heat treatment, and quenched and tempered (QT) free-cutting steels.

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