



Precision machining steels for  
the components that matter most

# Keep the world turning

Every revolution  
starts with  
a single turn

Here's to the turners. The makers.  
The ones who see potential in steel.  
You are not just machining parts – you  
are shaping the future. While some  
may only see metal, you see precision,  
dedication, and progress. Because as  
you transform steel into performance,  
you keep the world turning.

## Solutions for every turning challenge

Precision steel machining demands reliability and efficiency. Our specialized stainless and engineering steels offer superior machinability, reduced tool wear, and exceptional performance, even for complex components.

### High strength solutions

The stronger the steel, the tougher the cut – normally. Our high-strength steels break that rule, combining exceptional strength with outstanding machinability for fast, precise, and stable processing.

ETG® 88/100

HSX® 110/130/Z12

HSX® Z10

HSX® Z16 (coming soon)

### Stainless steel solutions

High-performance stainless steels designed to maximize productivity, extend tool life, and ensure flawless machining quality — all with the consistency and reliability that set the industry standard.

UGIMA®

UGIMA®-X

### Inclusion control for large-dimension solutions

Machining large-dimension steels requires control at the microscopic level. By tailoring the inclusion structure, we ensure consistent chip breaking, extended tool life, and stable performance across every cut.

OPTICUT®

OPTICUT® +

### New solutions for the free cutting steel market

Our next-generation free-cutting steels combine outstanding machinability and improved sustainability. Through optimized metallurgical design and/or boron inclusions, they enable better chip formation, longer tool life, and stable performance.

11SMn30+B / +BX

36SMn14+B / +BX (coming soon)

SwissCut®

All our machining steels come with a significantly reduced carbon footprint. Swiss Steel Group produces on the EAF production route, reducing our carbon footprint by up to 81%.

Machining steels that  
make you keep the  
world turning

Swiss Steel Group  
communications@swisssteelgroup.com  
swisssteel-group.com

Find more information about  
our products  
swisssteel-group.com/high-machining-steels



### Technical experts close to where you turn precision parts

Swiss Steel Group offers expert support, whether on-site or remote. Get fast answers, real-time guidance, and access to data-driven tools like UGICUT® and L.O.P. We help you fine-tune your performance, from tool life to chip control.



Online technical  
assistance



Personal on-site  
technical expert



Remote technical  
video assistance



Online machining parameter  
advisory, dedicated to stainless

#### Need help?

Email our specialists or fill out the online form.

machining.stainless@swisssteelgroup.com  
info.engineering@swisssteelgroup.com



**The world  
turns  
because  
you do.**



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