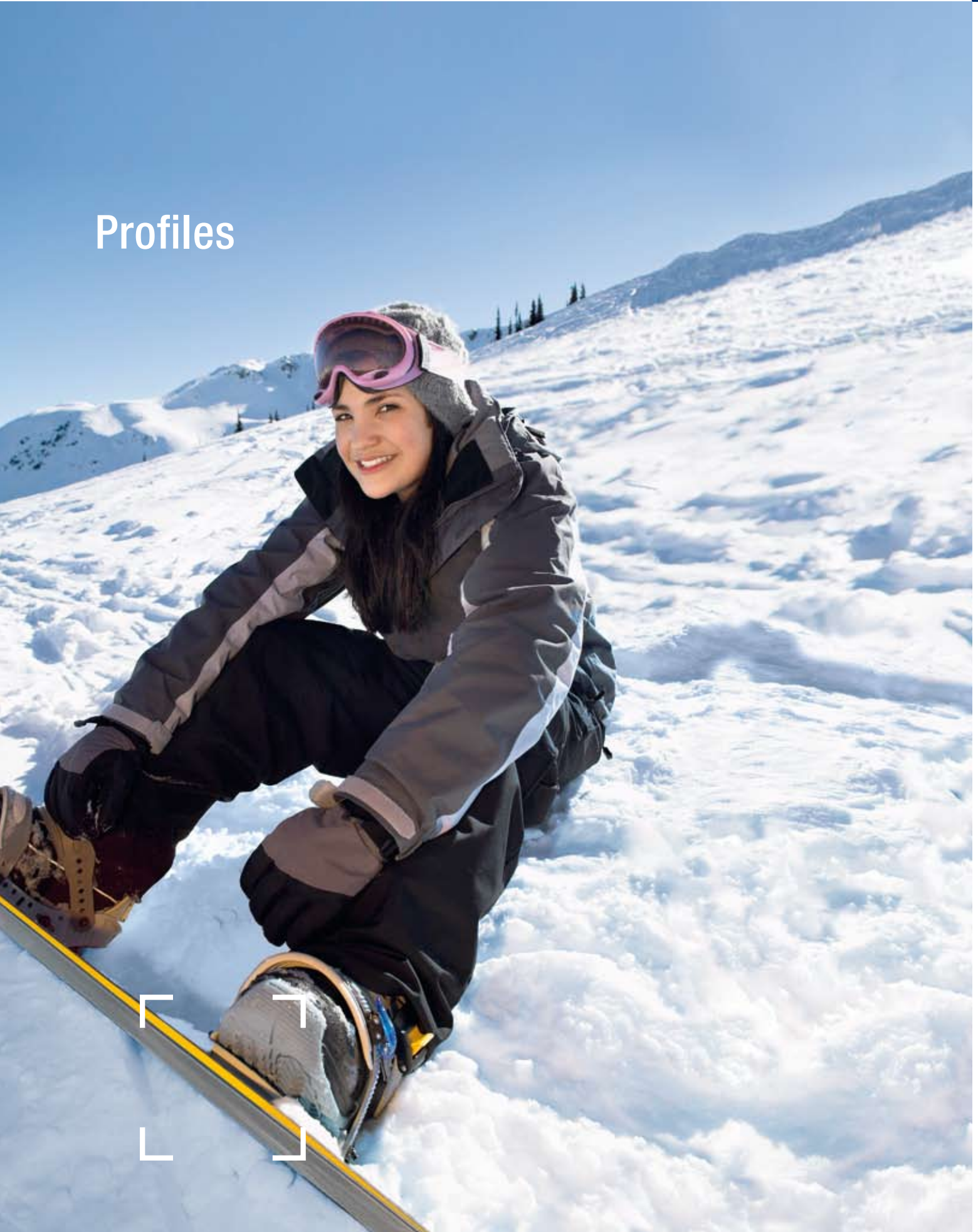


# Profiles





## Old hands at skiing – our ski and snowboard edges

More than 50 years ago C.D. Wälzholz developed ski edge profiles for the first time. Today we produce edges for more than 2 million pairs of skis and snowboards annually, i. e. more than 42,000 km of steel edges in more than 170 different shapes. This vast experience is behind every single profile.

The ski and snowboard edges made by CDW are extremely break proof and wear-resistant. They are also known for their excellent sliding behaviour. Many of our customers' products using materials made by C.D. Wälzholz cannot be detected at first glance. But one thing is certain: you will realise our quality immediately.

On the following pages we will not only give you a comprehensive introduction to our profile production, but we will also show you, what we can do for you and your particular products.



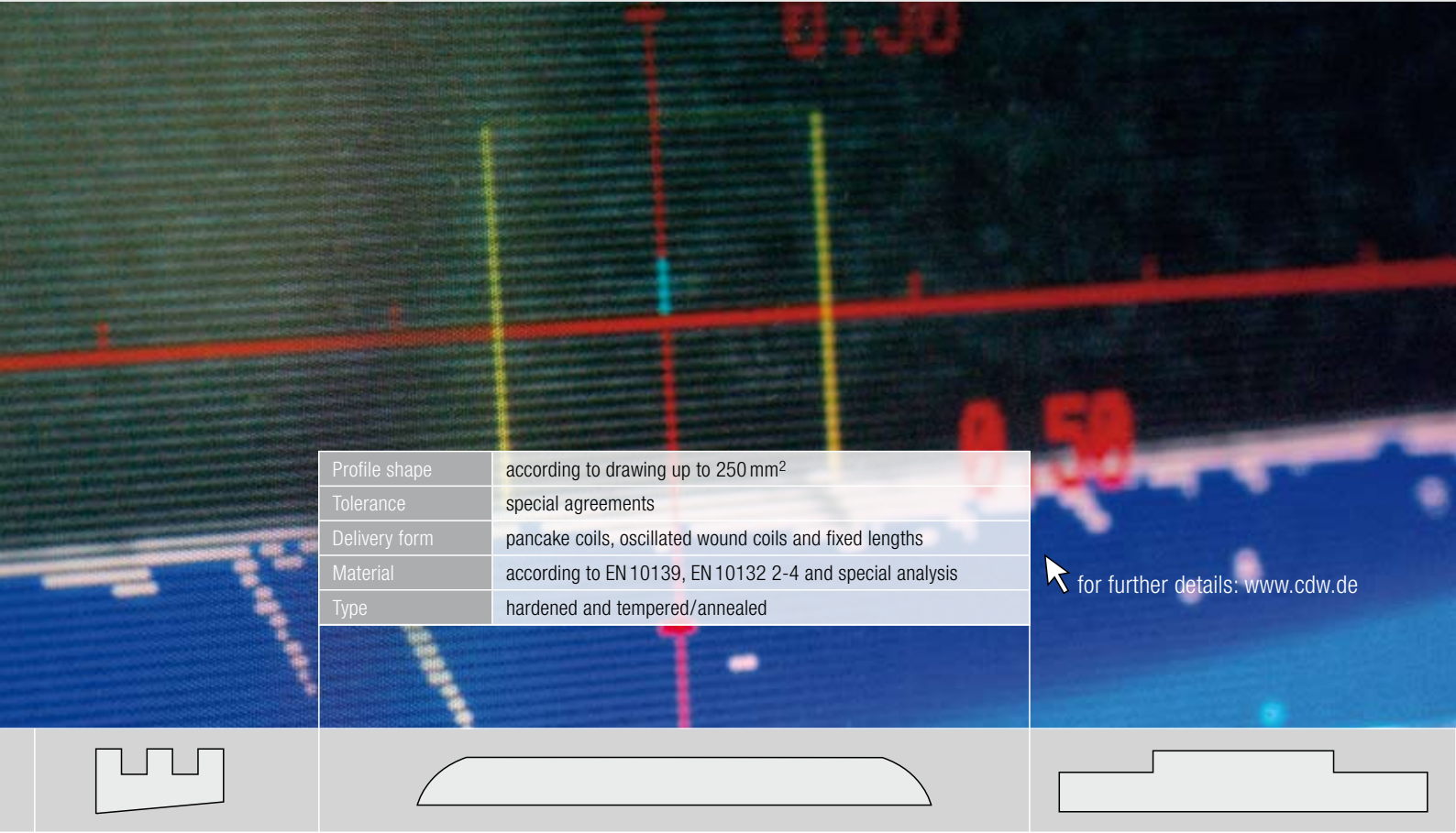


Profiles made by CDW are highly adaptable. They can be found in quite a number of different products, for example as circlips or as a valve lock in combustion engines. They are also used to produce break proof saw blades as well as narrow, wear-resistant and elastic steel edges.

## Perfect fit – tailor-made solutions

Our profiles are just as versatile as your products. Spring steel, case-hardened steel as well as hardened and tempered steel and soft unalloyed steel is used. The production is always application-oriented, for basic coplanar profiles as well as for complex polygonal profiles. It does not matter what kind of product you manufacture and how intricate your applications are – CDW can always offer you the optimal solution.

Our profiles will always do a good job – as machine wire, wheel bushings or locking rings used as mounting elements in engine and machine construction, as steel edges or as link belt in continuously variable transmissions.



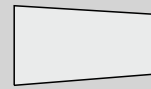
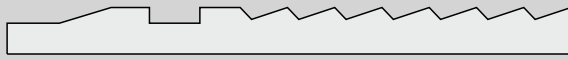
# Angles and edges – profile manufacturing made-to-measure

In the production of profiles many of our materials are used. These materials have the utmost ductility and high workability for further processing. Furthermore, they are break proof and wear-resistant and are thus specifically suitable for formed components, which are exposed to high loads and stresses.

Our profile production is particularly focused on the final customer application. Starting with the basic raw material and finishing the process with the completed profile shape we proceed in individual working steps, which are planned according to your requirements and your end product.

Profiles from steel strip or wire: quite a number of different production steps are necessary on the way to the final product. They include a combination of heat treatment and profile rolling. At first the wire rod is flat rolled. For this process CDW has 2-high mills and 3-stand or 4-stand tandem rolling mills. Due to optimal measuring methods and modern control engineering even the narrowest thickness and width tolerances can be achieved.

After various drawing and rolling processes the profiles are ready for further processing. As with a lot of other products made by CDW flexibility is indispensable in profile production as well. At present we produce more than 250 different profile shapes, and we are continuously developing new ones – perfectly matched to your applications. We will not be satisfied until the result of our work meets your requirements in every respect!



## Good appearance is important

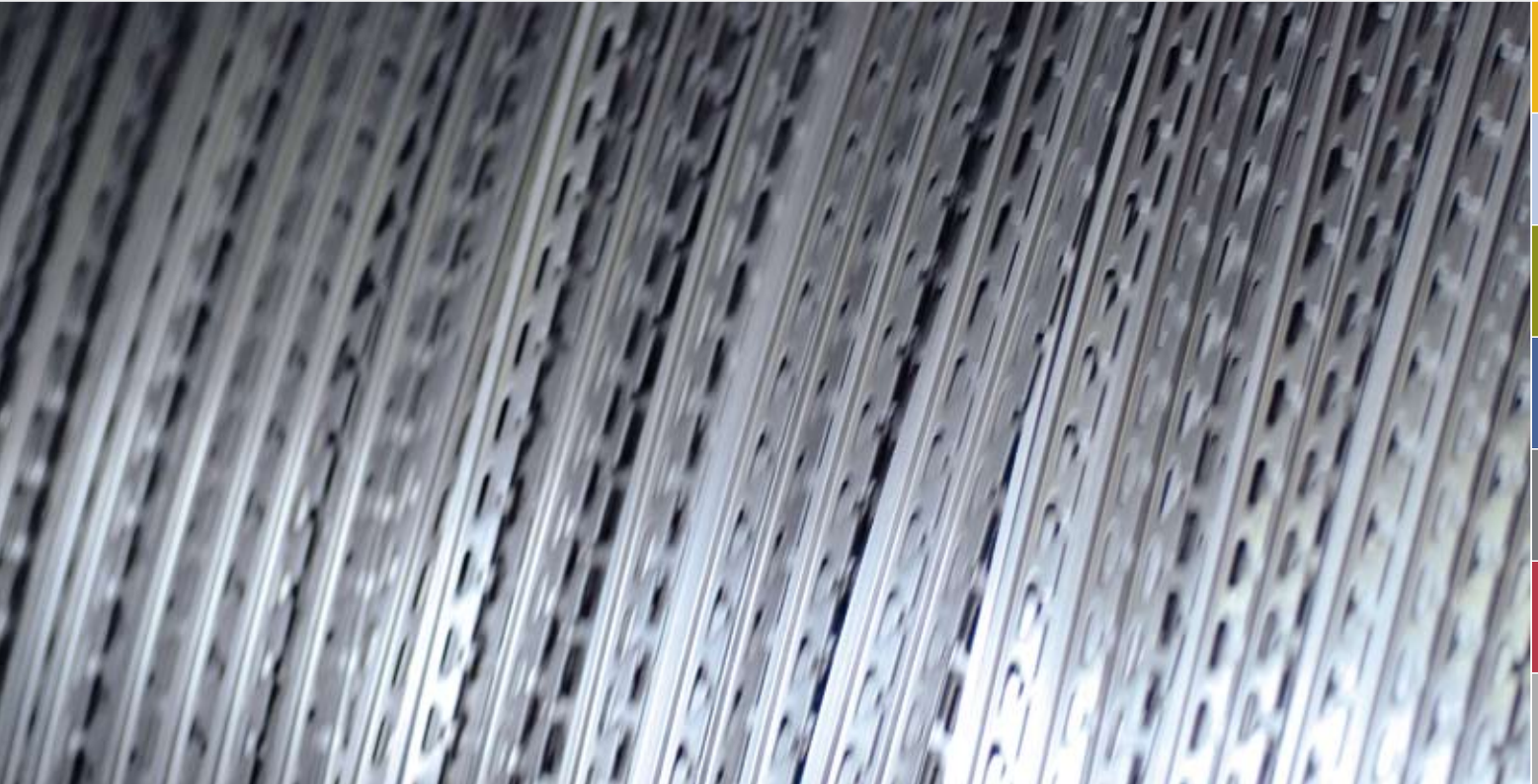
No matter what type of transport is used, it is important that our profiles reach your company in perfect condition. Therefore we aim for the highest quality and customer orientation not only in production, but also in packaging. Thanks to our modern automatic packaging equipment smooth logistics between production line and shipping department can be guaranteed.



For safe transportation of our profiles we have developed suitable and appropriate packaging for all national and international destinations depending on the respective transport routes. Our heavy-duty overseas packaging, for example, will withstand the strains of long and rough transportation across the ocean.

Bearing in mind that the protection of our profiles is crucial we are also aware of environmental issues.

Therefore we will never use more packaging material than absolutely necessary. Due to our long international experience we have continuously improved our packaging: optimal protection, clear marking and distinct traceability are a matter of course for C.D. Wälzholz.



## C.D. Wälzholz – at home everywhere in the world

Steel is an extremely versatile material. The C.D. Wälzholz Group of Companies is just as versatile itself. As a progressive German cold rolling mill with a long tradition, C.D. Wälzholz today has subsidiaries and agencies all over the world. Therefore we are in a position to offer our international customers profiles in virtually any type and grade required – everywhere in the world.

Satisfied customers, highest quality as well as a responsible handling of the environment are our goal. Always.

Cold rolled high carbon steel strip

Hardened and tempered steel strip

Electrical steel strip

Cold rolled low carbon steel strip

Bonderized steel strip

Narrow steel strip

Profiles

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