

Small profiles solutions from Hydro Extrusions

More precision and quality. More sustainability.



New possibilities with small profiles

Small dimensions and small diameters are often a challenge when designing products and applications. Small profiles can be the optimal solution here, because they are precise and flexible.

At Hydro, we press small profiles from a weight of only 15g/m with a minimum order quantity of 50 kg. Thereby we manage to maintain high-precision tolerances from ± 0.05 mm. In addition, we specialize in sensitive handling of your small profiles, because we know how complex the transport of the small profiles is.

Flexible and functional

Like any other aluminium profile with surface treatment by anodizing or mechanical processing, small aluminium profiles are suitable for many different applications.

In our own anodizing plant, we refine small profiles in high-end quality with a minimum order quantity of 50 kg. And with our extensive experience in the field of mechanical processing of small profiles, we fully support you in the implementation of your desired profile.

The connection with larger aluminium profiles is as equally possible – also with EcoDesign, a new design approach from Hydro to support a better circular economy. Our specialists are at your disposal for individual advice.

The right solution for your application

Depending on your application, small profiles offer many advantages. These include small dimensions, low weight and high precision. We supply the right profiles for the most demanding applications. Here are some examples:

- Sensor and measurement technology
- LED lighting
- Furniture – trims
- Shower cubicles
- Medical and laboratory technology
- Electrical engineering
- Lightweight construction and automotive applications
- Building and construction
- And much more.



Small profiles at a glance

Weight	from 15 g/m
Minimum order quantity	50 kg
Tolerances	High precision, from +/- 0,05 mm
Surface	High-end anodizing in our own anodizing plant
Processing	In our own mechanical processing center as required
Sustainability	Standards: ASI Perf. & ASI CoC Hydro REDUXA (4kg CO ₂ /1kg AL) with low CO ₂ emissions possible



Small profiles – the more environmentally friendly solution

The use of small profiles saves material and weight. This is more sustainable, because less weight means less CO₂ emissions during transport. A clear advantage especially when we talk about lightweight construction. Good for the environment and good for the budget. In addition, we offer you our greener aluminium Hydro REDUXA for your small profiles in Offenburg. With Hydro REDUXA, we guarantee a maximum CO₂ emission of only 4 kg per 1 kg of aluminium.

If you choose small profiles from Hydro, you also opt for an honest and responsible production of your products. In addition to the Aluminium Performance standard of ASI, Hydro Offenburg has been certified with the ASI Chain of Custody standard across the entire supply chain since 2021. This means consistent transparency for you since the ASI CoC certification sets the standard for a responsible production of our aluminium. So, you always know where your aluminium comes from.

You need more information or a detailed offer?

Contact us at:

Hydro Extrusion Offenburg GmbH
Industriestraße 10
77656 Offenburg
Deutschland

Tel.: +49 (0) 781-506-0
E-mail: sales.dach@hydro.com



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