

Special Profiles: Solutions for different applications



*The satisfaction of our customers' requests is the
guarantee of our high standards compliance and
quality consistency*



Tailoring the best solutions

ASBW has a wide experience and know-how in the making of special profiles and sections. As a result, from the close cooperation with our customers, through the analysis of drawings and specifications from our specialized team of technicians, it was possible to answer to our customer's most specific, complex and demanding requirements.

Through decades of investigation, development and expertise, allied with an endless chase for improvement and product competitiveness, based on the quality of the alloys and the flexibility of their production, it was possible to develop the chemical compositions of **ASBW**'s sections and profiles, providing to our customers the desired solutions to achieve the aimed results for their production processes.

ASBW compromise to its customers is to provide assistance and advisement since the concept stage, through the sampling phase until the release for its production and along this process.

Distinguishing parameters

ASBW raw materials derivate mainly from metal recovery facilities and are rigorously inspected and categorized, promoting this way both a sustainable development and precision in chemical composition and metallurgical properties of our products.

The special profiles and sections produced at **ASBW** are consistent with the requirements aimed by our customers for their parts:

- Precise chemical composition
- Excellent filling of the mold cavities
- Enhanced metallurgical properties, leading to a refined grain size, enabling the production of parts with complex geometries
- Product supplied near the finish shape, most o the cases, being only needed to cut the section to the desired length to obtain the finished part.

Market applications

ASBW's range of brass profiles and sections answer to the most diverse and demanding parameters for all the utmost complex applications for multiple industries:

- Window frames
- Cold bended parts
- Water faucets and fittings industries
- Decorative and artistic objects

Quality setting and inspection

At **ASBW**, our quality standard setting starts at the raw materials reception and selection, to ensure the high standards compliance.

Every profile and section are studied and optimised in terms of chemical composition, taking into consideration the best compromise between chemical composition and microstructure as well as mechanical characteristics, tensile strength elongation and hardness. By standard, **ASBW** brass profiles and sections are thermally stress relieved, ensuring the product quality and the desired behaviour as finished part, already in service.

Quality and environment

ASBW has a certified quality management system in place according to EN ISO 9001:2015 and is committed to its customers in continuously improve the quality of production.

Environment is a concern and global responsibility, to which **ASBW** is compliant with. **ASBW** adopts a policy of Social Responsibility, reducing the environmental impact of its activities. Believing in the compatibility between technological progress and environmental preservation, we are licensed at environmental level with APA (Environmental Agency) license number 86120.

Technical service

At **ASBW** we see our customers as business partners. Considering that, we supply not only brass profiles and sections but also our expertise and technical know-how that results from decades of experience and research. Our commitment is on-time discussion of any aspect of your production from the planning stage, providing you with detailed information about product properties, further processing and delivery options.

Packaging

Size range up to 10 mm

The profiles and sections are packed loose in a wooden box and protected with oiled paper (net weight of approx. 500 kg). Each box is strapped with 4 steel straps to ensure material integrity during shipping.

Size range above 10 mm

ASBW profiles and sections are supplied by standard in bundles either of approximately 1.000 kg or 500 kg. Different bundle weights are also possible upon customer's request. Each bundle is steel strapped three times on cardboard and both ends are protected with litter, to ensure the material integrity during the transportation.

Labeling

In order to ensure, the traceability according to NP EN ISO 9001:2015, each bale (wooden box or bundle) is marked with a label indicating the details mentioned below:

- customer
- number of customer's order
- EN Standard of the material
- **ASBW** material code
- rod length
- **ASBW**'s PO number
- **ASBW**'s Quality Approval Seal

