



SPECIAL STEEL PROFILES FOR

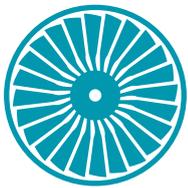
ENERGY

SPECIAL STEEL PROFILES FOR TURBINES, GENERATORS AND POWER PLANTS

In the energy industry, **reliable** and **strong** components are essential for the continuity and safety of plants.

Calvi's **special profiles in carbon and stainless steel** are ideal for highly demanding applications. Designed to **resist corrosion and high temperatures**, our efficient and durable profiles help improve plant sustainability and performance.

Main applications



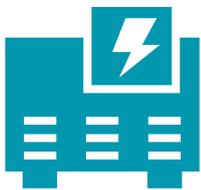
TURBINES



SPACERS



KEYS



GENERATORS



SPACERS



KEYBARS



COMPONENTS



SPACERS



NUCLEAR



COMPONENTS

Advantages

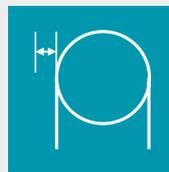
- **Customized** technical specifications
- **Near-net-shape**
- **Reduced** machining **time**
- Improved metallurgical properties with **grain strengthening**
- Improved mechanical properties in terms of **strength, hardness** and **toughness**
- Narrow dimensional and **straightness tolerances**



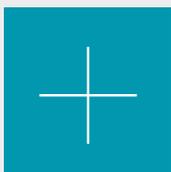
Product range



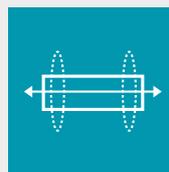
PROFILE TYPES
hot-rolled, cold-drawn



SIZE TOLERANCES
between ± 0.02 and ± 0.10 mm (standard)
from $\pm 0.001''$ to $\pm 0.004''$ (standard)



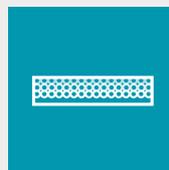
CROSS SECTION
between 20 and 10,000 mm²
from 0.03 to 16 inch²



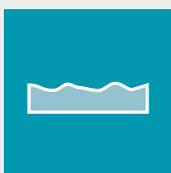
STRAIGHTENING TOLERANCES
between 0.3 and 1 mm/m (standard)
from 0.01'' to 0.04''/ft (standard)



WEIGHT
between 0.1 and 75kg/m
from 0.06 to 50 lbs/ft



DECARBURIZATION
up to 0 mm (on request)
up to 0'' (on request)



SURFACE ROUGHNESS
between Ra 0.8 and Ra 3.2 μ m
from Ra 32 to Ra 125 μ in



MATERIALS
structural steels, stainless steels

Indicative values. The data are provided for general information purposes only and may not be considered to guarantee any product properties.



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CALVI S.p.A.

Company subject to the management and coordination of Calvi Holding S.p.A.



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