



SPECIAL STEEL PROFILES FOR

MATERIAL HANDLING

SPECIAL STEEL PROFILES FOR FORKLIFTS AND HANDLING SYSTEMS

Calvi's **special profiles** offer customers reliable and precise material handling solutions. Designed for **heavy loads and intensive use**, these profiles optimize operational efficiency and improve safety in logistics processes. They deliver **consistent performance** in even the most challenging applications.

Main applications



FORKLIFTS



MASTS



SIDESHIFTERS



TRANSPALLETS



COMPONENTS



COMPONENTS



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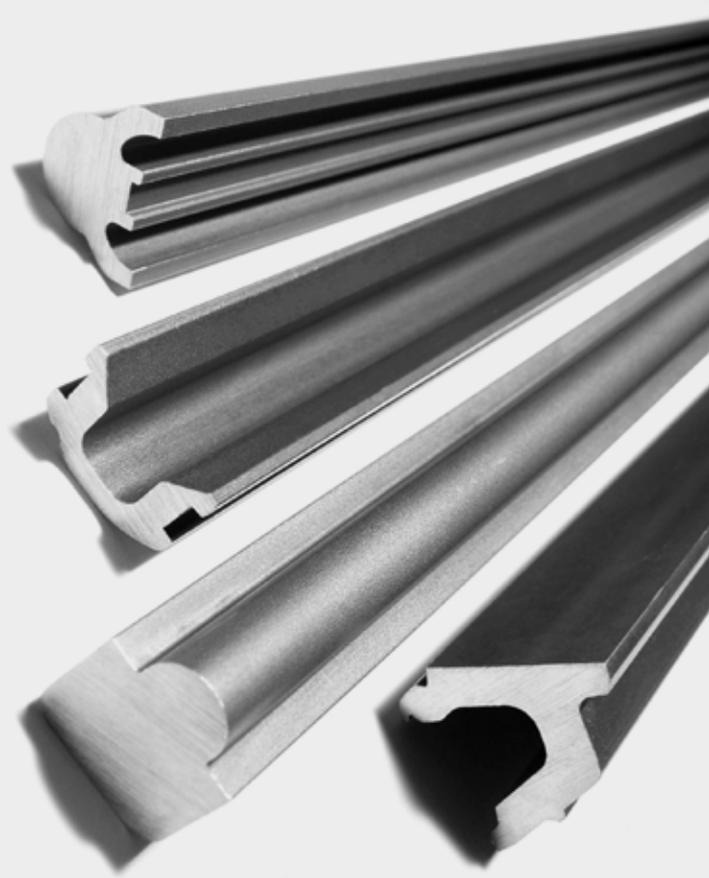
HANDLING SYSTEMS



GUIDES

Advantages

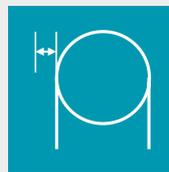
- Technical specifications **tailored** to the customer's application
- **Near-net-shape**
- **Reduced** machining **time**
- Supplied in **long bars** (6 m or even more on request)
- Improved mechanical properties in terms of **strength, hardness** and **toughness**
- Better **surface quality**



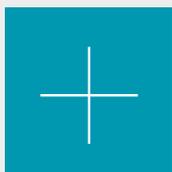
Product range



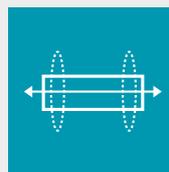
PROFILE TYPES
hot-rolled, cold-drawn



SIZE TOLERANCES
between +/- 0.02 and +/- 0.10 mm (standard)
from +/- 0.001" to +/- 0.004" (standard)



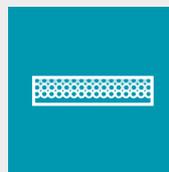
CROSS SECTION
between 20 and 10,000 mm²
from 0.03 to 16 inch²



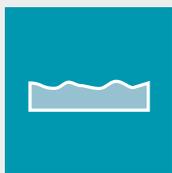
STRAIGHTENING TOLERANCES
between 0.3 and 1 mm/m (standard)
from 0.01" to 0.04"/ft (standard)



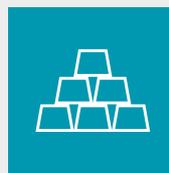
WEIGHT
between 0.1 and 75kg/m
from 0.06 to 50 lbs/ft



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



SURFACE ROUGHNESS
between Ra 0.8 and Ra 3.2 μm
from Ra 32 to Ra 125 μin



MATERIALS
structural 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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