



SPECIAL STEEL PROFILES FOR

FIREARMS

SPECIAL STEEL PROFILES FOR PISTOLS, REVOLVERS, RIFLES, SHOTGUNS AND MSR

Calvi steel profiles ensure uncompromised accuracy, performance stability and reliability for the firearms industry.

Since 1950 supporting the most demanding firearms manufacturers worldwide.

Main applications



PISTOLS



SLIDE



HAMMER GROUP



TRIGGER GROUP



REVOLVERS



BARREL



HAMMER GROUP



TRIGGER GROUP



SHOTGUNS



BOLT CARRIER



RIB



PICATINNY RAIL



RIFLES



GAS BLOCK



GAS KEY



SLIDE

Key advantages

- Technological properties specifically **tailored** to the customer application
- **Near-net-shape**
- **Reduce machining time**
- Enhanced metallurgical **grain structure**
- Enhanced mechanical properties in terms of **strength, hardness, and toughness**
- **Minimal distortion** by specific heat treatment and straightening methods

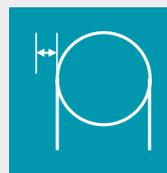


Product range



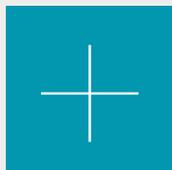
PROFILE TYPES

hot-rolled, cold-rolled,
cold-drawn



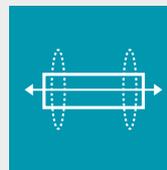
DIMENSIONAL TOLERANCES

from +/- 0,02 to +/- 0,10 mm (standard)
from +/- 0.001" to +/- 0.004" (standard)



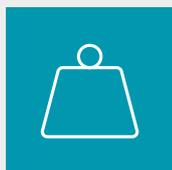
CROSS SECTION

from 20 to 10.000 mm²
from 0.03 to 16 inch²



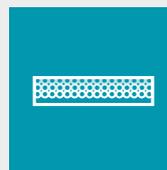
STRAIGHTENING TOLERANCES

from 0,3 to 1 mm/m (standard)
from 0.01" to 0.04"/ft (standard)



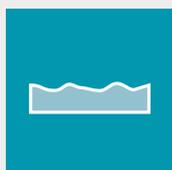
WEIGHT

from 0,1 to 75 kg/m
from 0.06 to 50 lbs/ft



DECARBURIZATION

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



SURFACE ROUGHNESS

from Ra 0,8 to Ra 3,2 μm
from Ra 32 to Ra 125 μin



MATERIALS

quenched and tempered steels,
case-hardened steels, stainless steels

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

Learn more
on our website
defense.calvi.it





Via IV Novembre, 2
23807 Merate (LC)
Italy

T. +39 039 99851
calvispa@calvi.it
www.calvi.it

CALVI S.p.A.

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



Sipa S.p.A.

Via G. Galilei, 32
20866 Carnate (MB) – Italy
Tel. +39 03999851

www.sipaspa.com



Rathbone Precision Metals, Inc.

1241 Park Street,
Palmer, MA 01069 – United States
Ph: +1 4132838961

www.rathboneprofiles.com