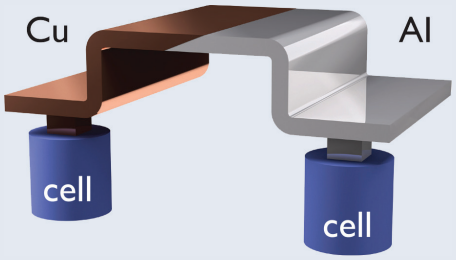
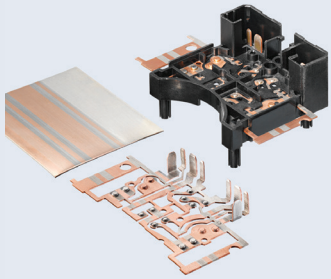
INOVAN Prym

A COMPANY OF THE PRYM GROUP

CONTACT BIMETALS

Contact bimetals are multi-layer composite materials that consist of a contact material and a carrier material and are combined using mechanical cladding technology.





We offer:

- Optimally adapted contact material
- Good bending characteristics
- Low stamping costs
- Different coating methods available
- Combination between cladding layers and galvanic layers

Our product range contains:

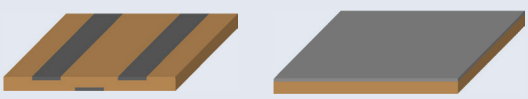
Cold Roll Cladding
Gold-alloys
Silver-alloys
Palladium-alloys
AISI 1
Al 99,5
Brazing alloy CuP 284 / L-Ag15P

Carrier Strip
Copper
Bronze
Brass
Special-alloys of copper basis (example: CuFe2)
Soft Iron
Aluminium

COLD ROLL - CLADDING

one-sided inlay strip

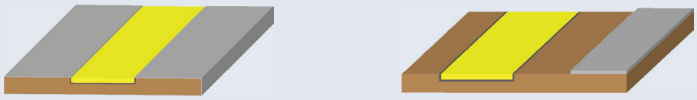
completely plated on one side



double-sided inlay strip

completely plated on both sides

CLADDED CONTACT BIMETALS WITH ELECTROPLATED TIN/SILVER LAYERS



Galvanic coating on all sides
Contact area left out

Selective galvanic coating

Contact us:

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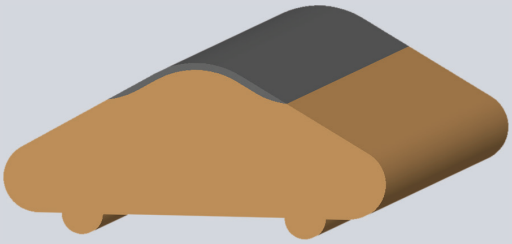
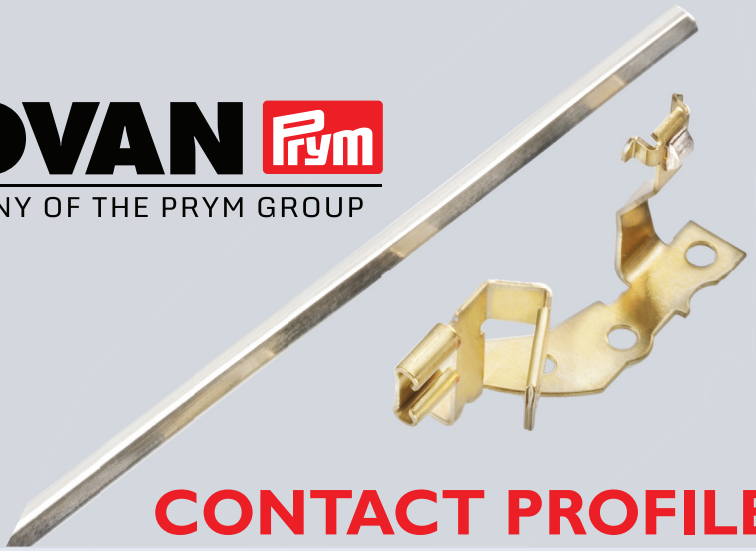


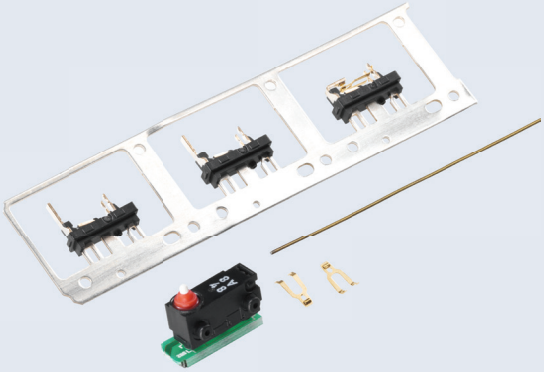


CONTACT PROFILES

Contact profiles are mainly used for switching and conducting electrical currents.

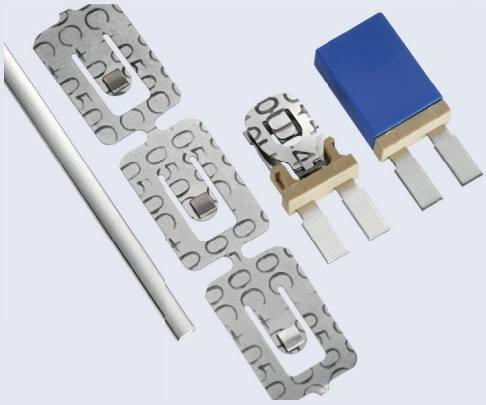
Unsere Vorteile für Sie:

- Over 30 years of experience in production, design and material development
- Development of individual solutions possible
- Choice of 600 different micro-contact profiles
- Free choice of precious metal alloys and layer thicknesses
- Expert advice from material selection to further processing



Our product range contains:

Voltage: mV to 380 V
Current: µA to 150 A

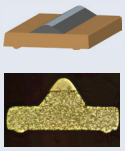


Fields of application:

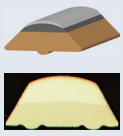
Relays, contactors, switches, push buttons, controllers in the automotive and telecommunications industry, industrial electronics, control technology and low-voltage technology

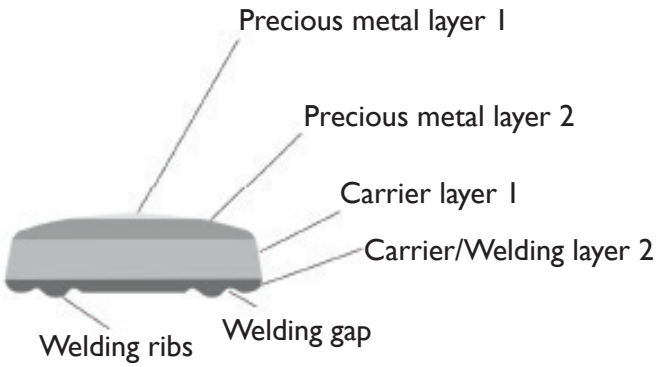
Pointed profile

Shoulder profile



Trapezoidal profile





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