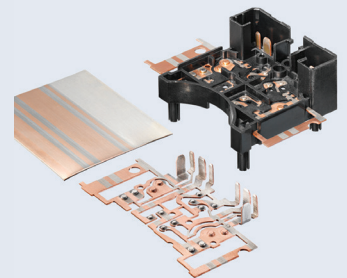
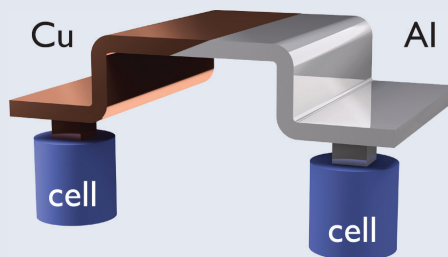


# CONTACT BIMETALS

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-AgI 5P

### Carrier Strip

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

## COLD ROLL - CLADDING



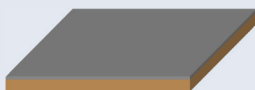
one-sided inlay strip



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



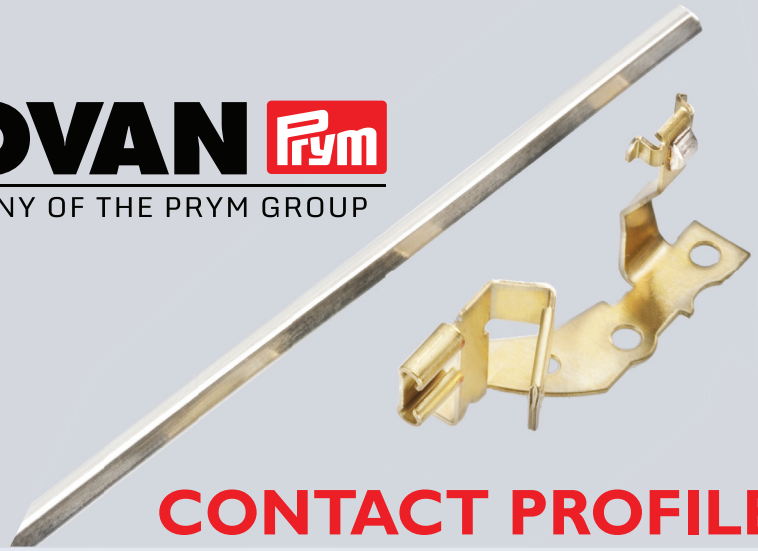
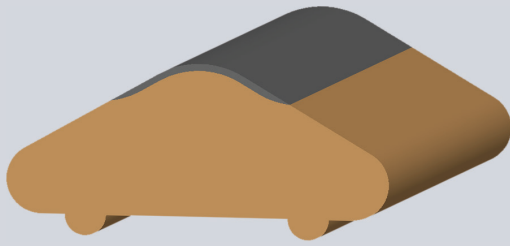
Selective galvanic coating

## Contact us:

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## CONTACT PROFILES

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

### Our advantages for you:

- 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

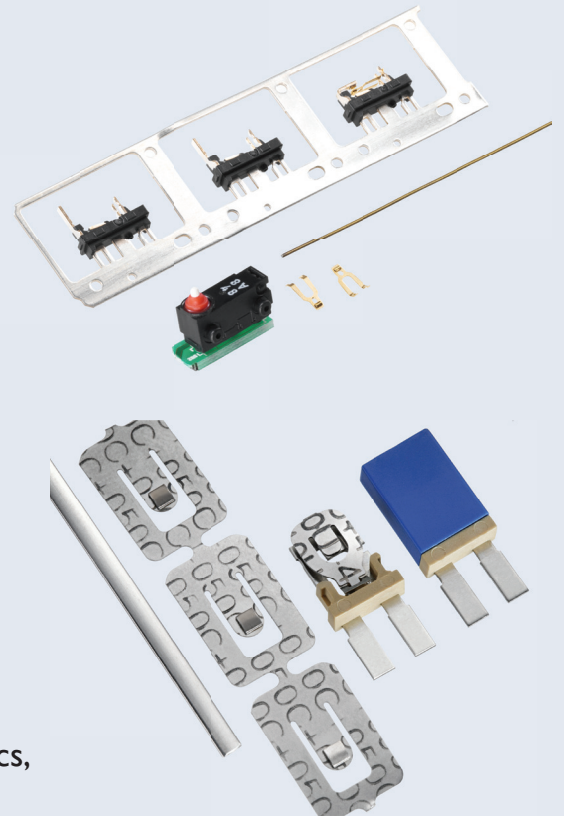
### Our product range contains:

Voltage: mV to 380 V

Current:  $\mu$ A to 150 A

### Fields of application:

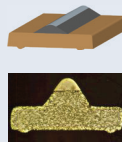
Relays, contactors, switches, push buttons, controllers in the automotive and telecommunications industry, industrial electronics, control technology and low-voltage technology



Pointed profile



Shoulder profile



Trapezoidal profile

