



RUBIG PVD Coatings FOR AUTOMOTIVE

The automotive industry is a global world economic driver and the demands on components in this sector are increasing daily. Issues such as driving comfort, durability and the environment are more important than ever. PVD hard coatings can contribute to this. In addition to drive parts, interior elements can also be coated. PVD can also be used as an environmentally friendly alternative to Cr6 and offers a wide range of applications thanks to its versatile coating systems. The development of your own custom coatings is also possible with this process.

SURFACE TREATMENTS USING PVD COATINGS HELP IMPROVE YOUR QUALITY, PRODUCTIVITY AND PROFITABILITY.

POWERTRAIN APPLICATIONS

COMPONENTS, FOR POWER AND/OR TORQUE TRANSMISSION

- ▲ Shafts
- ▲ Gears
- ▲ Bolts, sleeves
- ▲ Bearings

INTERNAL COMBUSTION ENGINE APPLICATIONS

COMPONENTS INSTALLED IN THE ENGINE

- ▲ Injection
- ▲ Pistons and piston rings
- ▲ Valves
- ▲ Pumps

DÉCOR APPLICATIONS

COMPONENTS FOR VISIBLE REFINEMENT

- ▲ Rotary, push or toggle switches
- ▲ Ventilation slots
- ▲ Emblems
- ▲ Interior door openers

RUBIG coating systems

A range of coating systems depending on the application
e. g.: AlCrN, CrAlN, TiAlN, CrN, CrCN, ZrN, ZrCN, DLC, DLC+MoS₂



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