

- € In order to achieve **the required service life**, technical coatings are used at critical points.
- € These can change the surface properties in many ways:
 - € Hard layers enable, for example, lightweight aluminum constructions with **wear-resistant** surfaces
 - € Coatings with low coefficients of friction have good **dry running properties**
 - € **Hard and precise** layers, especially for nickel up to 1100HV hybrid layers
 - € Coatings can also be used as a **design element**
- € We have experience with the **following coating processes and also combinations of layers**, e.g. with nickel and DLC or other application-specific designs.
 - € Electroless nickel coatings
 - € Chrome coatings
 - € PVD thin film coatings
 - € Amorphous carbon layers DLC (Diamond likeCarbon)
 - € WCC tungsten carbide coatings
- € The following properties can be achieved with coatings:
 - € Very hard surfaces, up to 25GPa.
 - € Very low coefficients of friction of up to 0.05

