

ALWIN XC

NEW ROBUST COATING FOR DEMANDING FORMING AND PRESSING APPLICATIONS

We have combined the well-established high productive coating ALWIN (CrAlSiN) with multilayer coating TiC/C excelling in low friction coefficient.

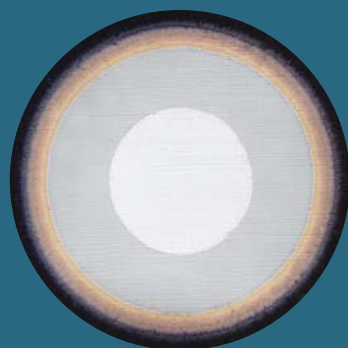
ALWIN XC thus joins our portfolio of PVD coatings which are prepared by combining low voltage arc evaporation and magnetron sputtering technologies.

Applications:

- deep drawing,
- hot forging,
- hot forming,
- high-strength steels forming accompanied by high mechanical stress,
- applications requiring elimination of formed material sticking on forming tools.

Coating characteristics:

- thickness 8-10 μm ,
- thermal stability 1 100 $^{\circ}\text{C}$,
- process temperature 450 $^{\circ}\text{C}$,
- gray-black color.



**INDUSTRIAL
PVD COATINGS**