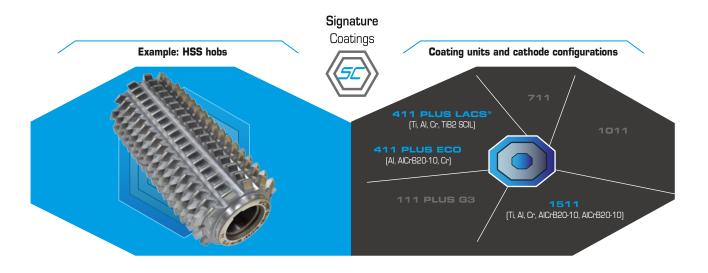
BorAC

SPECIALIST FOR HIGHLY DEMANDING MACHINING

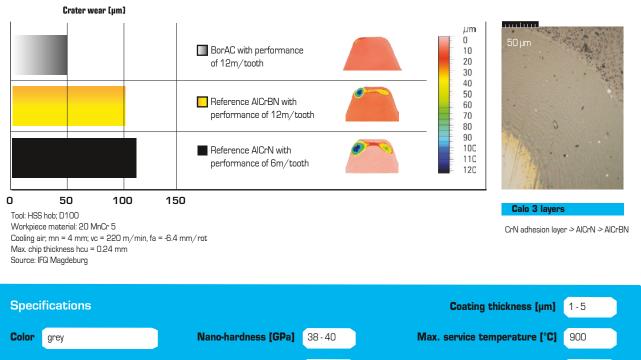
BorAC is PLATIT's selected hybrid LACS® coating with simultaneous ARC and SPUTTER processes. BorAC consists of a boron-doped AlCrN protective coating, which is especially suitable for crack inhibition and thus for high-speed applications such as transmission and gear cutting tools. BorAC delivers top performance under high loads, especially in gear hobbing and roughing (dry and wet).

Highlights:

- Hybrid LACS® Coating
- Low coating residual stress
- Crack-resistant
- Minimizes crater wear



Effect of boron doping on crater wear in hobs:



Coefficient of friction [µ] PoD (at RT, 50 % humidity) 0.5

Coating temperature [°C] 400-500

