

A custom-design surface treatment, suitable for a wide variety of tool parts, providing dry lubrication, easy demolding, corrosion resistance, and wear protection for an optimized tool performance

CC Combi consists in a duplex treatment with a combination of coatings customized to your application and challenges.

Tool: Threaded core D80 x 190 mm

Steel: W300 Hardness 55 - 56 HRC

Plastic: PP

CUSTOMER CASE

BEFORE COATING

- ✗ High breakaway force (sticking)
- ✗ Damaged thread
- ✗ Frequent linting
- ✗ Lubrication running into the cavities
- ✗ Difficult removal of deposit

CC DLC



CC Hyperslip

AFTER COATING

- ✓ Reduction in demolding force
- ✓ Reduced damage to rotating core
- ✓ No linting on the tread
- ✓ No lubrication required
- ✓ Reduction of cycle-time with 4 seconds

÷ 20 %
demolding force

3X
lifetime

+10 %
productivity