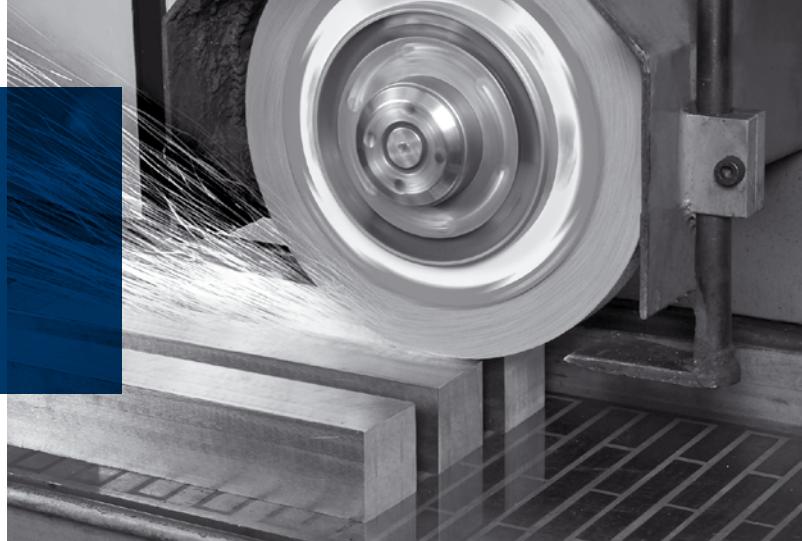


# SURFACE AND CREEP FEED GRINDING



# VITRIFIED BONDED GRINDING WHEELS



## SHARPIO

is a new product for surface and creep feed of hard materials, such as alloy elements in steel CrMoV. A new bonding system combined with a special composition formula greatly enhance grinding efficiency.

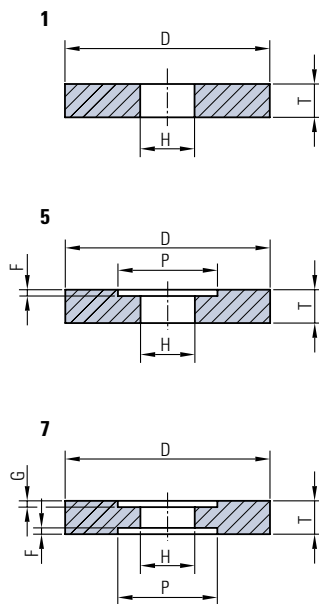
### Applications:

Swatycomet SHARPIO bonding system offers new solution for grinding wide range of applications:

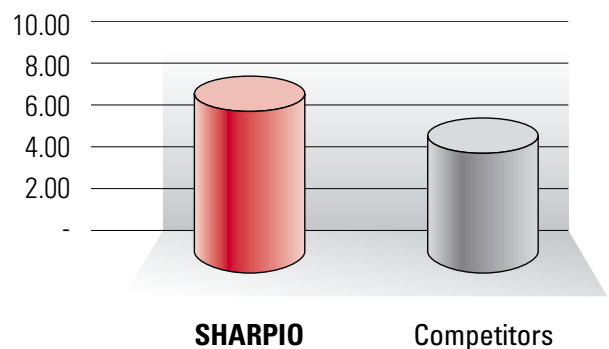
- turbine blades (jet and gas turbine components),
- gears,
- bearings,
- saw sharpening,
- toolroom.

### Advantages:

- Large material removal rates on hard materials
- Increased productivity
- Lower grinding forces
- Higher G-factor ( $G = V_w / V_s$ )
- Self-sharpening effect
- Lower grinding temperature
- Short delivery times for standardized shapes



#### Higher G factor



#### Lower grinding FORCE (N)

