



## **Advantages of the HSK Tool Clamping System**

- ① Stiffer and more rigid connection between the tool and spindle**
- ② Higher spindle speeds are possible because the taper is gripped from the inside — higher speeds actually increase clamping forces**
- ③ Excellent repeatability and accuracy**
- ④ Better surface finish capabilities**
- ⑤ Improved rigidity for long tools – tools rest in clamped position on the flange**
- ⑥ Improved carbide insert life**
- ⑦ Reduced taper height and hollow taper results in lighter tools**
- ⑧ Faster tool change is possible because the tool taper is shorter**
- ⑨ Tool clamping stresses are confined to the front of the spindle**
- ⑩ Cost should not be significantly higher than standard taper**