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