

- ▶ A Type : C1
- ▶ E Type : C53
- ▶ F Type : C59
- ▶ T Type : E15

# HSK TOOLING SYSTEM

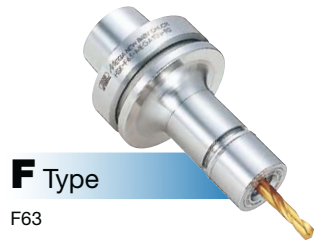
● A hollow dual contact system series with superior accuracy.



**A Type**  
A40,A50,A63,A100,A125



**E Type**  
E25,E32,E40,E50



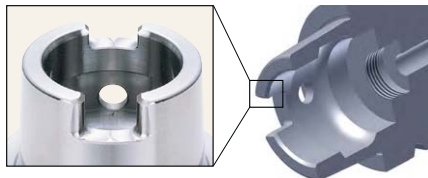
**F Type**  
F63



**T Type**  
T50,T63,T100

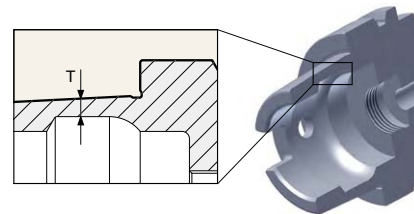
## Drive key is important for torque transmission

The torque transmission of HSK-A type is commenced via the drive key grooves located at the smaller end of the taper. The curved surfaces on the outer drive key groove are important. This curved surface is designed to take the required torque. To achieve precise dimensions of the curves and drive key groove width, BIG provides finish machining of all tools after heat treatment.



## Premium material selection

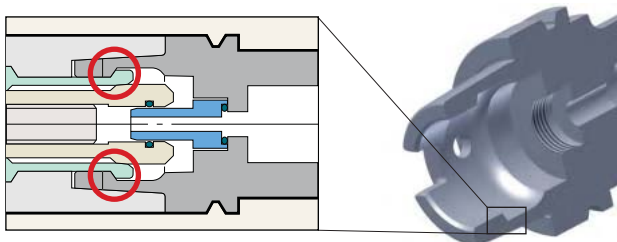
Since HSK is a hollow taper shank, the material has a critical role for optimum performance. For this purpose, BIG uses carefully selected materials with optimal hardness and strength to prevent product failure.



HSK size	T
25	1.09
32	1.25
40	1.92
50	2.60
63	3.47
100	5.17
125	6.45

## Important tool retention feature

Internal clamping of HSK tools is defined by the location of highly concentrated forces from the machine tool. Accuracy and position of this form will affect the rigidity, repeatability, and precision of tool holders. BIG provides finish machining of this area after heat treatment.



## HSK turning tools for millturn machines

ISO12164-3  
**HSK-T Type**  
T50, T63, T100

The abundant Cartridge range and revolutionary modular systems improve turning efficiency on millturn machines.

