

Perske Quick Change Tooling Motors

Ideal for further enhancement to proven milling and cutting applications.

Motor Description: HSK-C

- Simple tool change with Allen wrench, short mounting/removal path for tool changes
- Insertion force between 2-4 times standardized requirements, insertion force increases with RPM
- Standardized tool holding
- Existing shaft tools can be used by means of adapters
- High degree of radial and axial stiffness, optimal radial and axial run-out precision
- Precisely defined and reproducible cutting edge position



Motor Description: Hydrogrip

- Stiff motor spindles and precision bearings with double spindle bearings
- Ground and hardened shafts
- Radial and axial run-out precision ≤ 8 microns
- Uniform interface for milling and cutting tools
- Significantly longer tool service life
- No-play tool clamping



Performance Guide:

Type	Max Power (HP)	Speed Range		Frequency Range		HSK	Hydro	SPZ	ETP
		Min RPM	Max RPM	Min Hz	Max Hz				
K50	5	6,000	18,000	100	300	X	X	X	X
K60	7	6,000	18,000	100	300	X	X		X
K70	12	6,000	18,000	100	300	X	X		X
K80	22	6,000	9,000	100	150	X	X	X	
K100	30	6,000	3,000	33	100	X			

***Full speed and power ranges may not be available for each tool holder type

