

HSKA-KR CHUCK

Dynamic balancing grade: $\leq G1$.

High precision: Shank run-out accuracy: $\leq 2\mu\text{m}$. Combined run-out accuracy: $\leq 5\mu\text{m}$.

High axial and radial repeatability positioning precision.

Repeatability positioning precision is $\leq 2\mu\text{m}$.

Featuring high dynamic and static rigidity and stability, and high axial and radial accuracy, it ensures the accuracy of a product machined at high speed.

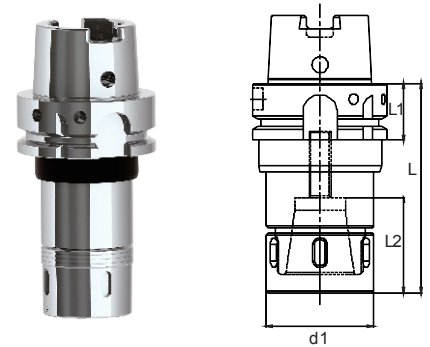
HSK shank is designed with a structure of hollow short taper shank. Compared with BT shank, HSK shank has a short length and light weight. With the power to change the cutter more quickly, it is especially suitable for high-speed machining.

The taper angle of KR chuck for HSKA shank is 5° .

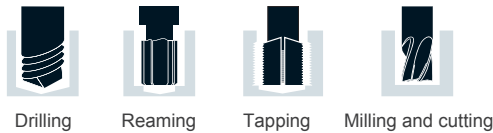
Advantages of HSKA shank with KR chuck: High precision, long service life, clamping range of $\Phi 1.0$ -24.0mm, H7-precision cutter. It is widely used for milling, drilling, engraving and other machining areas.

Perfect internal cooling function can be realized with the assistance of air duct part.

HSKA CHUCK FEATURES

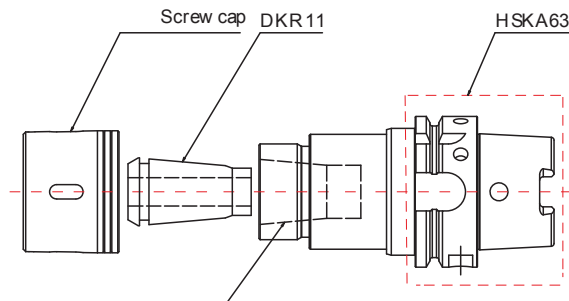


APPLICATION TYPE



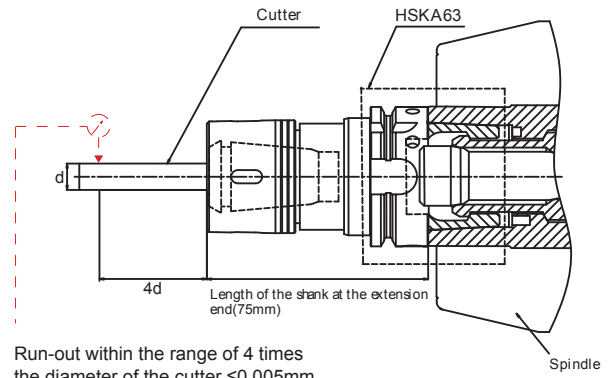
HSKA63-KR11-075

Schematic Diagram for Naming



Run-out Accuracy of Taper Hole of the Cutter Shank: $\leq 0.002\text{mm}$

Schematic Diagram for Cutter Installation Precision



Run-out within the range of 4 times the diameter of the cutter $\leq 0.005\text{mm}$

NAMING RULE:

HSKA63-KR11-075

HSK chuck code

CHUCK TYPE

A | E

CHUCK SPECIFICATION

25 | 32 | 40 | 50 | 63 | 80 | 100 | 125 | 160

LENGTH OF THE HOLDER AT THE EXTENSION END /mm (three-digit number)

APPLICATION TYPE

ER11: ER11 chuck

SK6: SK6 chuck

KR11: KR11 chuck

HSKA-KR CHUCK

TECHNICAL PARAMETERS

Shank type	Order type	Dimensions				Screw cap	Applicable speed	Chuck type	Grade A/ordinary grade, Grade AA/precision grade		Grade P/ultra precision grade, Grade PP/instrument grade	
		L	L1	L2	D1				Range of cutter diameter	Requirement for the precision of the cutter shank diameter	Range of cutter diameter	Requirement for the precision of the cutter shank diameter
HSKA40	DHKA40- DKR16- 070	70										
				30- 40	19.5	DKR16B		KR16	2.0- 8.5		1.0- 8.5	
	DHKA40- DKR16- 090	90										
	DHKA40- DKR25- 070	70										
			20	40- 48	34	DKR25B	40000RPM	KR25	3.0- 14.5		3.0- 14.5	
	DHKA40- DKR25- 090	90										
	DHKA40- DKR36- 070	70										
			50- 61	40	DKR32B		KR32	6.0- 24.0		6.0- 24.0		
DHKA40- DKR36- 090	90											
HSKA50	DHKA50- DKR16- 080	80										
				30- 40	19.5	DKR16B		KR16	2.0- 8.5		1.0- 8.5	
	DHKA50- DKR16- 100	100										
									H7		H7	
	DHKA50- DKR25- 080	80	26	40- 48	34	DKR25B	25000RPM	KR25	3.0- 14.5		3.0- 14.5	
	DHKA50- DKR25- 100	100										
	DHKA50- DKR36- 100	80										
			50- 61	40	DKR36B		KR36	6.0- 24.0		6.0- 24.0		
DHKA63- DKR36- 120	90											
HSKA63	DHKA63- DKR25- 100	100										
				40- 48	34	DKR25B		KR25	3.0- 14.5		3.0- 14.5	
	DHKA63- DKR25- 120	120										
			26				20000RPM					
	DHKA63- DKR36- 100	100										
			50- 61	40	DKR36B		KR36	6.0- 24.0		6.0- 24.0		
DHKA63- DKR36- 120	120											