

NT ER Collet Chuck

Brief introduction

SK Collet Chuck Tool Holder, DIN6499 collet clamping tool holder of various sizes , high speed and high precision machining .Mechanical spindle and cutting tools and other accessories.High Precision SK shank Tool Holder ,balanced G6.3 or G2.5 For choose.

SK Tool Holders for mechanical spindle and cutting tool and other accessory tool connection. Is a simple, popular spindle shank connection standard, mainly SK30 SK40 SK50... Etc.. Mold industry, and high-speed engraving machine, used more.

Specifications

I - Material:

High quality carburizing alloy steel;

Central tensile strength 1000N/mm² Min.;

Surface hardness HRC 60+/-2(HV 700+/-50);

Hardness penetration 0.8+/-0.2mm;

II - Tolerance Criteria

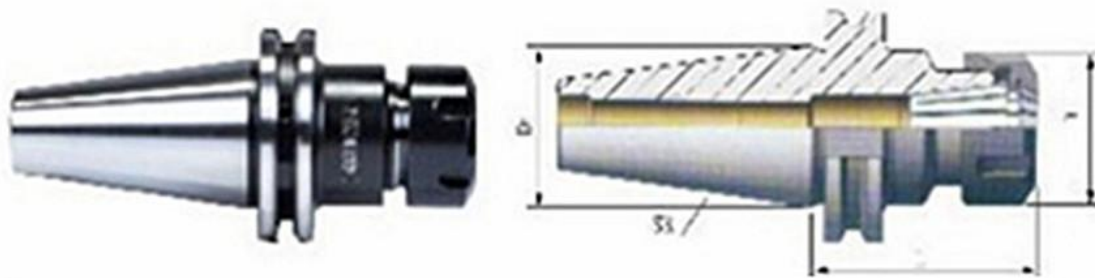
Dynamic balance(default): G6.3 12,000 rpm;

Dynamic balance(customized): G2.5 25,000 rpm;

Run-out tolerance: 0.003mm Max.

Cone angle tolerance: AT3

Cone surface roughness: Ra 0.005 Max.



Order.No	Model	D	D1	L	Collet
22301663	SK30-ER16-63	28	31.75	63	ER16
22302063	SK30-ER20-63	35	31.75	63	ER20
22401670	SK40-ER16-70	32	44.45	70	ER16
224016100	SK40-ER16-100	32	44.45	100	ER16
22402070	SK40-ER20-70	35	44.45	70	ER20
224020100	SK40-ER20-100	35	44.45	100	ER20
224020130	SK40-ER20-130	35	44.45	130	ER25
22402570	SK40-ER25-70	42	44.45	70	ER25
224025130	SK40-ER25-130	42	44.45	130	ER25
224025160	SK40-ER25-160	42	44.45	160	ER25
22403270	SK40-ER32-70	50	44.45	70	ER32
224032100	SK40-ER32-100	50	44.45	100	ER32
224032130	SK40-ER32-130	50	44.45	130	ER32
224032160	SK40-ER32-160	50	44.45	160	ER32
224032200	SK40-ER32-200	50	44.45	200	ER32
22404080	SK40-ER40-80	63	44.45	80	ER40
224040100	SK40-ER40-100	63	44.45	100	ER40
224040150	SK40-ER40-150	63	44.45	150	ER40
224040200	SK40-ER40-200	63	44.45	200	ER40
22501680	SK50-ER16-80	32	69.85	80	ER16
22502080	SK50-ER20-80	35	69.85	80	ER20
225020100	SK50-ER20-100	35	69.85	100	ER20
22502580	SK50-ER25-80	42	69.85	80	ER25
225025100	SK50-ER25-100	42	69.85	100	ER25
225025130	SK50-ER25-130	42	69.85	130	ER25
22503280	SK50-ER32-80	50	69.85	80	ER32
225032100	SK50-ER32-100	50	69.85	100	ER32
225032130	SK50-ER32-130	50	69.85	130	ER32
225032160	SK50-ER32-160	50	69.85	160	ER32
225032200	SK50-ER32-200	50	69.85	200	ER32
22504080	SK50-ER40-80	63	69.85	80	ER40
225040100	SK50-ER40-100	63	69.85	100	ER40
225040130	SK50-ER40-130	63	69.85	130	ER40
225040160	SK50-ER40-160	63	69.85	160	ER40
225040200	SK50-ER40-200	63	69.85	200	ER40

The Application of Advanced Technology in NC Tool Holder

1. High-frequency pulse surface treatment

The handle surface after finishing, resulting in cooling and hardening, surface hardness increased by 2-5 HRC

The surface of the handle completely eliminates the residual internal stress, abrasion resistance is significantly improved, the service life of more than 4 times

Shank surface finish up to Ra0.05 or more, the outer cone and the spindle and the inner cone with the collet to match the parts closer, more stable and reliable accuracy

2. Polishing process

Shank surface roughness to reduce the elimination of minor scratches and surface defects, to obtain smooth smooth mirror effect

The small burrs of the shank are removed and the outer surface threads are smoother

Shank more bright surface, smooth, the overall effect to the mirror

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