

NT C Power Collet Chucks

Brief introduction

Power type NT MLC Straight Collet Chuck for CNC, straight shank collet clamping tool for various sizes of cylindrical shank, high speed and high precision machining .Mechanical spindle and cutting tools and other accessories.High Precision NT shank Tool Holder ,balanced G6.3 or G2.5 For choose.

Specifications

Product Name: NT strong cutter handle

Model: NT40-SC (see model below for specific models)

Material: high quality carburized synthetic steel, black and fine grinding

Taper Shank: Tolerance Level <AT3

Hardness: HRC 56-58

Carburizing depth: 0.8mm ± 0.2mm

Maximum beating: <0.005mm

Surface roughness: Ra <0.005 mm

The handle body can additionally specify the cooling mode AD + B

Applications: Straight handle can be clamped with various sizes of straight handle for high speed and high precision machining



Model	Clamping Range	d	L	G
NT30-ASC25-80	6-25	25	80	M12
NT30-ASC32-90	6-32	32	90	
NT40-SC25-80	6-25	25	80	M16
NT40-SC25-130	6-25		130	
NT40-SC32-85	6-32	32	85	
NT40-SC32-130	6-32		130	
NT50-SC25-85	6-25	25	85	M24
NT50-SC25-150	6-25		150	
NT50-SC32-90	6-32	32	90	
NT50-SC32-150	6-32		150	
NT50-SC42-95	6-42	42	95	
NT50-SC42-150	6-42		150	
Applications: Straight handle can be clamped with various sizes of straight handle for high speed and high precision machining				

Products advantages

1. higher system accuracy

System accuracy, including positioning system folder to precision and cutter positioning repeatability. The former refers to the connection precision tool and CNC knife handle, handle with spindle of machine tool; the latter refers to every time after changing a knife tool system accuracy of consistency. The tool system has higher precision and can guarantee the static and dynamic stability of the tool system under high speed machining.

2. higher system stiffness

The static and dynamic stiffness of the tool system is an important factor affecting the machining precision and cutting performance. The stiffness of the tool system will lead to the vibration of the cutting tool system, thereby reducing the machining accuracy, and increasing the tool wear, reducing the service life of the cutter.

3. better dynamic balance

Under the condition of high speed machining, the unbalance of the fine quality will cause huge centrifugal force. Therefore, the dynamic balancing of high-speed tool system is very important