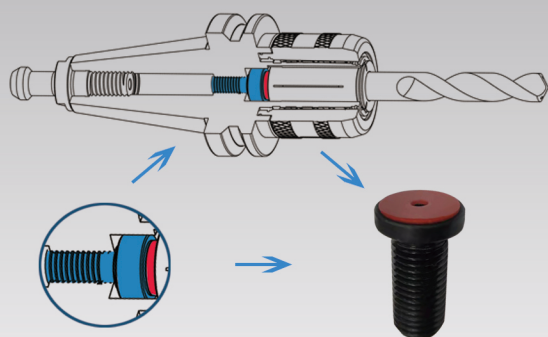


强力刀柄系列

Milling Chuck Series



能够弥补把不能止水的夹刀装置，达到完美中心出水。
能够有效地调节刀具的伸刀长度
具有止退功能

When using center through coolant, could be using it.
For adjusting cutting tool extension length.



- 刀柄内孔分割了六槽，以防止刀具转动，增大夹持力
- 采用特殊材料制作滚针轴承保持架，延长使用寿命，增强夹持力
- 具有夹持力大，定心精度高，特别适用于强力切削
- 基本材质：20CrMnTi
- 硬度：58-60HRC，渗碳深度：>0.8mm
- 刀柄柄体做-196℃超长深冷及热时效处理
- 锥柄规格BT/SK (DIN69871) /CAT/HSK/NT/VDI/MT
- 柄锥公差等级：≤AT3
- 标准动平衡G6.3/12000rpm

- Inner hole of the shank divide into 6 troughs to prevent the insert remove, increase the grasp force
- Ball bearing cage is made of special material, improve the endurance, enhance the grasp force
- Grasp force strong, centering accuracy high, suit to heavy cutting
- Material: 20CrMnTi
- Hardness: 58-60HRC, Carburizing depth: >0.8mm
- The chuck has made -196℃ super long cryogenic treatment and thermal aging processing
- Type for BT/SK/CAT/HSK/NT/VDI/MT shank,
- Taper tolerance: ≤AT3
- 100% balanced to G6.3/12000rpm

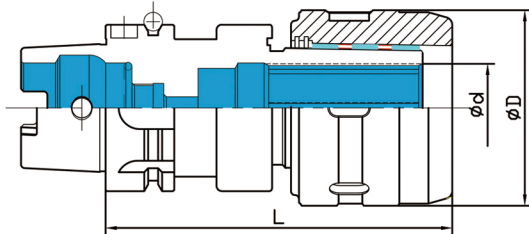




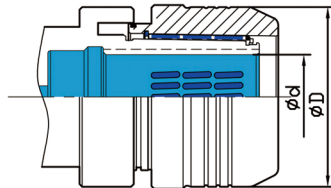
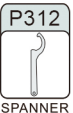
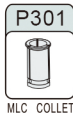
高精度强力型刀柄

▼ A231010-A231410 订单号 Order NO.

HSK HIGH PRECISION POWER MILLING CHUCK



▼ 可选配 OPTIONAL



TYPE A



防水, 重切削, 专用滚针扳手, 受力均匀

Waterproof, Heavy cutting, Special needle wrench, stressed uniformly

TYPE B



防水, 重切削, 使用方便, 通用性高

Waterproof, Heavy cutting, Good versatility

TYPE C 重型强力刀柄



防水, 使用方便, 大夹持力, 可重型切削

Waterproof, Large clamping force, Heavy cutting

Order NO.	Type	L	d	D	Price
A231010	HSK40A-MLC20-105	105	20	53	
A231110	HSK50A-MLC20-105	105	20	55	
A231210	HSK63A-MLC20-105	105	20	55	
A231211	HSK63A-MLC25-105	105	25	63	
A231310	HSK63A-MLC32-110	110	32	68	
A231410	HSK100A-MLC20-105	105	20	53	

可选配 Optinal



Milling Chuck (Diameter)	Specification DIN69893 A	Run-out (3D)	Clamping torque
C20 C32	HSK40A	0-0.008mm	980N.m (100Kgf.m)
	HSK50A		
	HSK63A		3430N.m (350Kgf.m)
	HSK100A		

- 径向跳动精度: ≤0.008mm
- 精做动平衡G6.3 15000rpm/20000rpm
- Runout accuracy: ≤0.008mm
- Precision balance G6.3 15000rpm/20000rpm



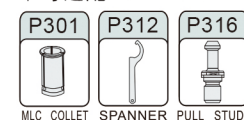


MCP重型强力型刀柄

▼ **A231510-A241414** 订单号 Order NO.

MCP HEAVY-DUTY MILLING CHUCK

▼ 可选配 OPTIONAL



BT-MCP型



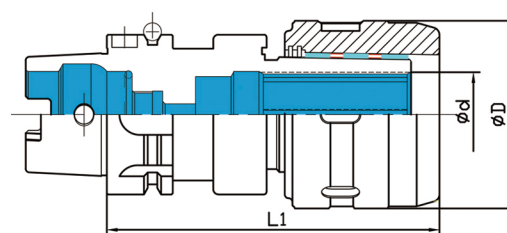
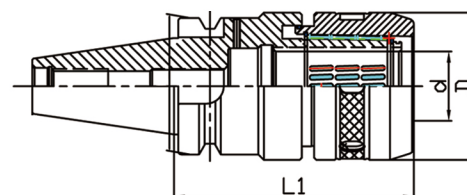
滚针特殊规则独立排列
Specially arranged
independent needle rollers



钢性“保持架”壁厚加厚
The rigid "cage" with a
1.5mm wall thickness



扭矩大，具有抗震能力
High torque and vibration
resistance



Order NO.	Type	L1	d	D	N. W. (kg)	Price
A231510	HSK100A-MCP32-120	120	32	73		
A241410	BT50×MCP32-110	110			5	
A241412	BT50×MCP32-135	135			5.9	
A241413	BT50×MCP32-165	165			6.6	
A241414	BT50×MCP32-200	200			7.3	

- 刀柄特有的半圆孔设计，使锁紧均匀变形夹紧
扭矩更大圆弧的巧妙设计增加了吸震能力
- 刀柄的双重密封，防尘、防水
- 特有的润滑油脂在锁紧时更顺滑持久，延长了
刀柄使用寿命
- 经过严谨的结构设计，滚针特殊规则排列能够
有效地提高夹紧力，并且防止松动
- 刀柄本体为特殊合金材质，经过多道热处理工
序，真空渗碳淬火真空回火、-196℃深冷时效
使材质内柔外钢，精度持久耐用

- The unique semi-circular hole design of the tool
holder ensures uniform deformation during locking,
providing greater clamping torque. The clever arc
design enhances vibration absorption
- The tool holder features dual sealing to protect
against dust and water
- The unique lubricating grease ensures smooth and
durable locking, extending the tool holder's service life
- Through rigorous structural design and specially
arranged needles, effectively increases clamping
force and prevents loosening.
- After multiple heat treatment processes, including
vacuum carburizing, quenching, vacuum tempering
and -196℃ cryogenic aging, the material achieves
internal toughness and external hardness, ensuring
long-lasting precision and durability

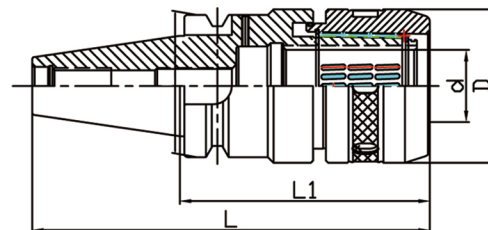
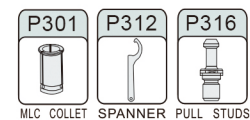


BT/MLC强力型刀柄

▼
A241010-A241512
订单号
Order NO.

BT/MLC MILLING CHUCK

▼ 可选配 OPTIONAL



●A型：防水，重切削，大夹持力
Waterproof, Heavy cutting, Large clamping force



▼ 可选配 OPTIONAL



Order NO.	Type	L	L1	d	D	N. W. (kg)	Price
AJ241010	BT30-MLC16-105	170.4	105	16	45		
A241010	BT30×MLC20-70	118.4	70	20	53	1.8	
A241011	BT30×MLC20-90	138.4	90			2.0	
AJ241011	BT40×MLC16-105	165.4	105	16	45	2.6	
A241111	BT40×MLC20-105	165.4	105	20	53	2.5	
AJ241110	BT40×MLC25-105	165.4	105	25	63	2.8	
A241112	BT40×MLC20-135	200.4	135	20	53	2.8	
A241211	BT40×MLC32-105	170.4	105	32	68	2.8	
A241212	BT40×MLC32-135	200.4	135			3.0	
AJ241111	BT40×MLC32-165	230.4	165				
A241310	BT50×MLC20-105	206.8	105	20	53	4.5	
AJ241210	BT50×MLC25-105	206.8	105	25	63		
A241211	BT50×MLC32-105	206.8	105	32	73	5.0	
A241510	BT50×MLC42-115	211.8	110	42	88	6.0	
A241511	BT50×MLC42-135	236.8	135	42	88	6.5	
A241512	BT50×MLC42-165	266.8	165			7.4	

未涉及的型号，可根据订单生产
Other type, can be produced accoring to the order.



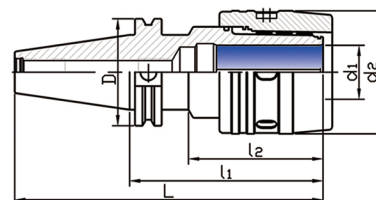
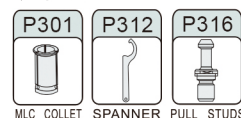
CAT/MLC强力刀柄

▼A251010-A251111 订单号 Order NO.

CAT/MLC MILLING CHUCK



▼可选配 OPTIONAL

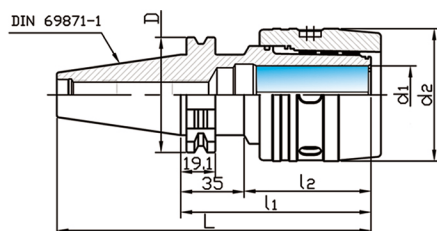


Order NO.	Type	L	l1	l2	D	d1	d2	N. W. (kg)	Price
A251010	CAT40×MLC3/4"-3.385"	6.07	3.385	2.56	2.5	0.75	2.09	1.9	
A251011	CAT40×MLC3/4"-4.13"	6.82	4.13	2.56		0.75	2.09	2.1	
A251012	CAT40×MLC1-1/4-4.53"	7.22	3.385	2.76		1.25	2.68	2.4	
A251110	CAT50×MLC3/4"-4.13"	8.13	4.13	2.56	3.875	0.75	2.09	2.5	
A251111	CAT50×MLC1-1/4"-4.13"	8.13	4.13	2.76		1.25	2.68	2.8	

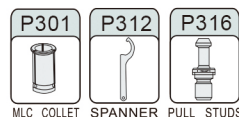
SK/MLC强力刀柄

▼A261010-A261510 订单号 Order NO.

SK/MLC MILLING CHUCK



▼可选配 OPTIONAL



Order NO.	Type	L	l1	l2	D	d1	d2	N. W. (kg)	Price
A261010	SK30×MLC20-90	137.80	90	70	50	20	53	2.1	
A261110	SK40×MLC20-90	158.40	90	70	63.55	20	53	2.4	
A261111	SK40×MLC20-105	173.40	105	70	63.55	20	53	2.5	
A261112	SK40×MLC20-135	203.40	135	70	63.55	20	53	2.8	
A261210	SK40×MLC32-105	173.40	105	75	63.55	32	68	2.7	
A261211	SK40×MLC32-135	203.40	135	75	63.55	32	68	3.0	
A261310	SK50×MLC20-105	206.75	105	70	97.50	20	53	4.5	
A261311	SK50×MLC20-135	236.75	135	70	97.50	20	53	4.9	
A261410	SK50×MLC32-105	206.75	105	75	97.50	32	68	5.2	
A261411	SK50×MLC32-135	236.75	135	75	97.50	32	68	5.9	
A261510	SK50×MLC42-110	211.75	110	90	97.50	95	88	6.0	

未涉及的型号，可根据订单生产

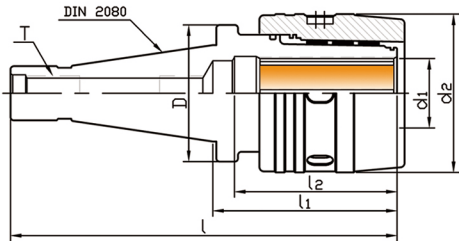
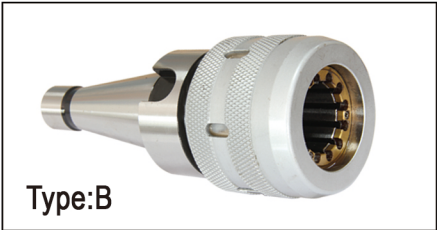
Other type, can be produced accoring to the order.



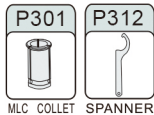
NT/MLC强力刀柄

▼A271010-A271512 订单号Order NO.

NT/MLC MILLING CHUCKS(DIN 2080)



▼可 选 配 OPTIONAL



可 选 配 Optinal



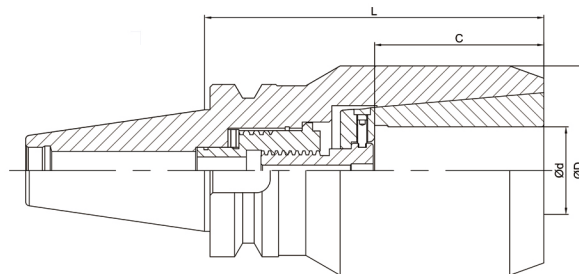
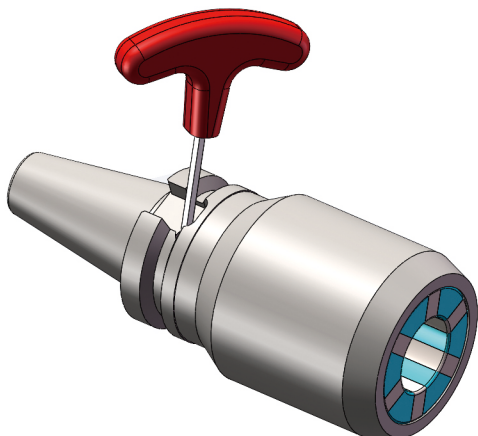
Order NO.	Type	L	L1	L2	D	d1	d2	T	Price
A271010	NT30×MLC20-75	143.4	75	70	50	20	53	M12X1.7 1/2"-13UNF	
A271011	NT30×MLC20-90	158.4	90						
A271110	NT40×MLC20-90	183.4	90	70	63	20	53	M16X2.05/8"-11UNF	
A271111	NT40×MLC20-105	198.4	105						
A271112	NT40×MLC20-135	228.4	135						
A271210	NT40×MLC32-90	183.4	90	75		32	68		
A271211	NT40×MLC32-105	198.4	105						
A271212	NT40×MLC32-135	228.4	135						
A271310	NT50×MLC20-105	231.8	105	70	100	20	53	M24X3.0 1"-8UNF	
A271311	NT50×MLC20-150	276.8	150						
A271410	NT50×MLC32-105	231.8	105	75		32	68		
A271411	NT50×MLC32-135	261.8	135						
A271412	NT50×MLC32-165	291.8	165						
A271413	NT50×MLC32-200	326.8	200	90					
A271510	NT50×MLC42-110	236.8	110	125		42	88		
A271511	NT50×MLC42-130	256.8	130	90					
A271512	NT50×MLC42-165	291.8	165						

未涉及的型号，可根据订单生产
Other type, can be produced accoring to the order.

MCV减振强力刀柄

▼
A272010-A272110
订单号
Order NO.

BT/MCV DAMPING MILLING CHUCKS



这款刀柄为蜗轮蜗杆传动的后拉旋转压力式强力刀柄，配有阻尼抗振单元通过更换不同孔径筒夹来平行夹紧各种刀具，操作方便，夹持精度高，夹持扭矩大，配备的抗振阻尼单元能够吸收刀具传动的振动，提高了加工精度及粗糙度，减少了刀具磨损，提高了加工效率。

This tool holder is a rear-pull rotating pressure-type power tool holder driven by a worm gear, equipped with a damping vibration-absorbing unit. It allows for parallel clamping of various tools by replacing collets with different bore sizes, offering convenient operation, high clamping precision, and large clamping torque. The included vibration-damping unit absorbs tool transmission vibrations, improving machining accuracy and surface finish, reducing tool wear, and enhancing processing efficiency.

Order NO.	Type	Φd	ΦD	L	Insection Length C	N. W (Kg)	Price
A272010	BT40-MCV32-125	32	76.5	125	61.5		
A272110	BT50-MCV32-125	32	76.5	125	61.5		

产品特点:

- 夹持扭矩大，通过蜗轮蜗杆旋转带动阻尼装置，施加径向压力实现360° 均匀夹持，避免局部应力集中。相比弹簧夹头，夹持力提升30%-50%，尤其在重切削或断续加工中显著减少刀具滑移。
- 抗振性能好：高刚性结构与阻尼单元结合，平行夹紧，有效吸收切削振动。
- 夹持精度高，刀柄内孔研磨精度，公差等级小于H6级，配合高同心度后拉旋转机构，加上阻尼单元平行夹紧，动态跳动检测3倍径处小于0.003mm。
- 夹持范围广，通过更换不同孔径筒夹，可以夹持各种柄径刀具经济实用。
- 操作简单，通过扳手旋转蜗杆，轻松夹紧，不会松动。

未涉及的型号，可根据订单生产
Other type, can be produced accoring to the order.

Product Features:

- High clamping torque is achieved through the rotation of the worm gear driving the damping device, applying radial pressure to ensure 360° uniform clamping and avoid localized stress concentration. Compared to spring collets, the clamping force is increased by 30%-50%, significantly reducing tool slippage, especially during heavy cutting or interrupted machining.
- Excellent vibration resistance is provided by the combination of a high-rigidity structure and damping unit, enabling parallel clamping and effectively absorbing cutting vibrations.
- High clamping precision is ensured by the precision-ground inner bore of the tool holder with a tolerance grade of less than H6, combined with a high-concentricity rear-pull rotating mechanism and the damping unit's parallel clamping, resulting in dynamic runout at 3 times the diameter of less than 0.003 mm.
- The wide clamping range allows for clamping tools of various shank diameters by replacing collets with different bore sizes, making it economical and practical.
- Easy operation is achieved by rotating the worm gear with a wrench for secure clamping without loosening.