SANT®



SANT 株洲圣达切削刀具有限公司

2024-2025版

圣达刀具
SANT CNC TOOLS



2024-2025年产品型录

CATALOGUE 2024-2025

2024-2025版

株洲圣达切削刀具有限公司
SANT ZHUZHOU SANT CUTTING TOOLS CO.,LTD.

经销商地址:
The contact information of dealer

SANT微信公众平台
www.hnsant.com

INTRODUCTION 公司简介

株洲圣达切削刀具有限公司是一家专业设计、制造及销售数控刀具及硬质合金产品的工厂。公司位于中国硬质合金生产基地–株洲。公司目前主要产品有：数控车刀、数控铣刀、孔加工刀具、数控刀片、工具系统及各类硬质合金制品。









公司拥有强大的设计团队，通过了ISO9001质量管理体系认证；采用ERP系统进行高效准确的管理；拥有包括DMG、MAZAK五轴联动高精度加工中心，ANCA五轴联动高精度磨削中心，ZEISS三坐标高精度检测仪在内的多台数控加工设备以及各种检测设备；同时与包括NIHONG–TECHNO热处理公司在内的多家优秀供应商建立了协作关系，以确保“SANT”系列产品的质量始终处于行业领先水平。

公司拥有多年的设计及制造数控刀具及硬质合金产品的经验，能够为客户提供各类非标刀具，也能为您提供整套产品加工所需的刀具配套方案及各类硬质合金制品。公司秉承“质量第一，服务至上”的理念，与全世界许多客户建立了长期友好的合作。

Zhuzhou Sant Cutting Tools Co., Ltd is a modern joint-stock company specializing in the designing, producing and selling of CNC cutting tools and cemented carbide tools. Located in Zhuzhou,one of the biggest manufacturing bases of cemented carbide cutting tools in China,our company mainly produces various cnc turning tools, milling tools, drilling tools, cnc inserts, tooling systems andvarious cemented carbide tools.

株洲圣达切削刀具
ZHUZHOU SANT CUTTING



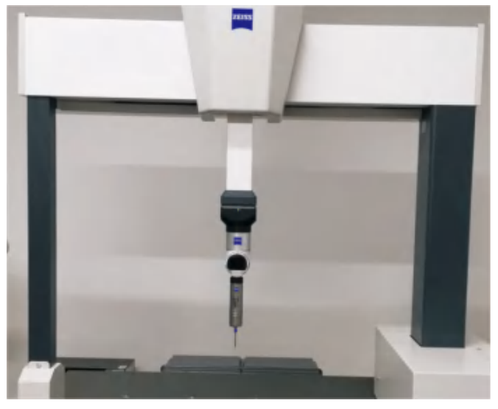
· DMG五轴联动高精度加工中心



· MAZAK五轴联动高精度加工中心



· ANCA五轴联动高精度磨削中心



· ZEISS三坐标高精度检测仪

We have strong design team and complete quality-testing system and have passed the ISO9001 Certification of Quality Management System. Besides, ERP system is adopted to improve the efficient and accurate management. More importantly, we have various kinds of processing equipment, including DMG、 MAZAK five-axis linkage high precision machining center, ANCA five-axis linkage high precision grinding center.In order to make sure the quality of "SANT" series products always stands at the front of the industry, we have established collaboration relationships with many outstanding suppliers including NIHONG TECHNO - the heat treatment company.

With the experience of designing and manufacturing cnc cutting tools for many years, we can provide customers with various non-standard tool holders,and can also provide a complete set of supporting scheme for required tools during the processing as well as varies carbide tools. In accordance with the principle "Quality First, Service Supreme", we have established long-term friendly cooperation relationships with many customers all over the world.

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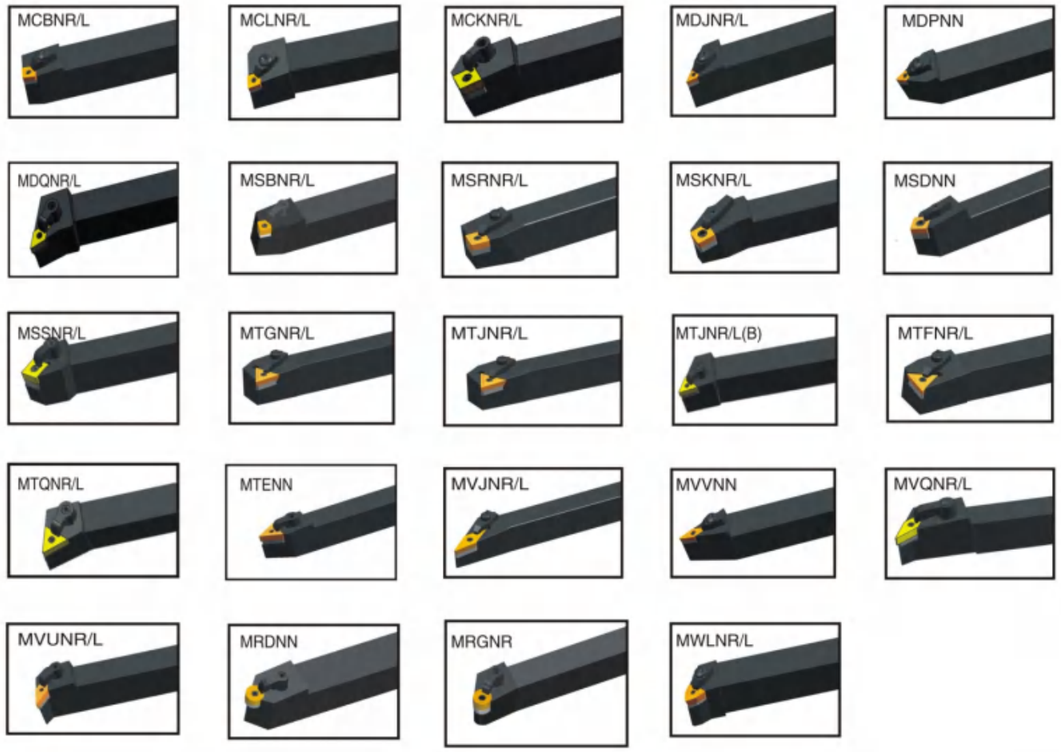
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M类 复合压紧式 Top and hole clamping

结构特点: Design features

- 压板和偏心销双重紧固式。 Top and hole clamping dualclamp.
- 紧固力强,适用于中～重切削用。Great fastenering fastening force.
- 刀片多转位角，经济耐用。Indexable inserts，economy and durability.



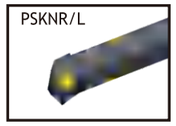
P类 杠杆压紧式 Hole clamping



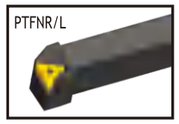
















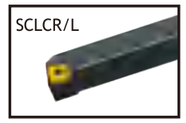


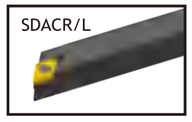
S类 螺钉压紧式 Screw on

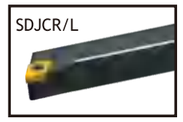
结构特点: Design features

- 采用螺钉直接压紧。Using screw for direct clamping.
- 结构简单,配件少。Simple structure,fewer parts.
- 精 ~ 中加工用。Apply For Micro And Medium Processes.

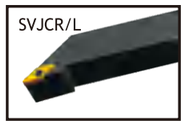




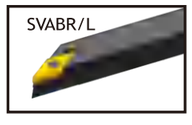




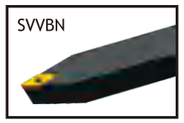


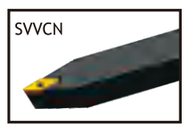






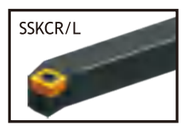






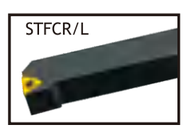




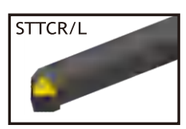




















C类 压板压紧式 Top clamping

















W 型压紧式 Wedge clamping

D型 压紧式 Wedge clamping

内孔车刀 Internal toolholders

M类 复合压紧式 Top and hole clamping

































P类 杠杆压紧式 Hole clamping







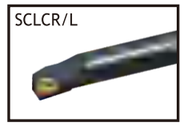


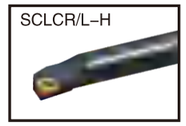




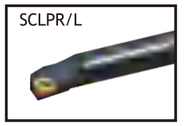
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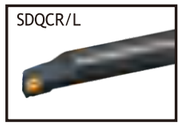
S类 螺钉压紧式 Screw on

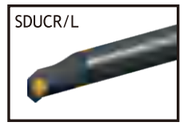




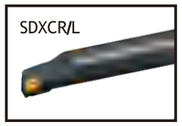


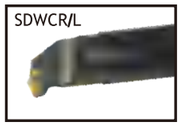






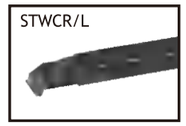


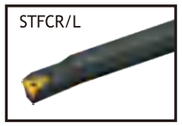


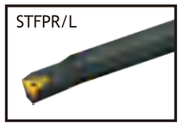


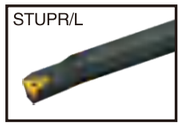














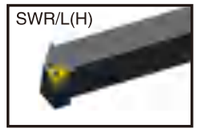


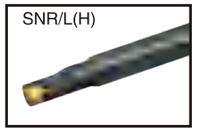


S类 钨钢内孔刀杆 Tungsten steel Internal Turning tools

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螺纹车削刀具 Threading tools





切断切槽刀具 Parting, grooving tools

外圆、端面切断切槽刀具 External Parting, Surface Grooving Tools











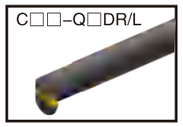


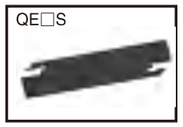




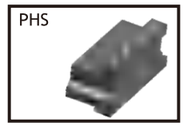




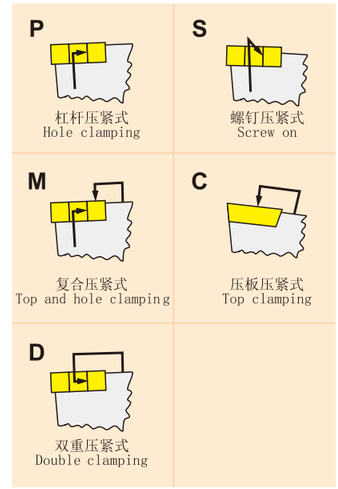




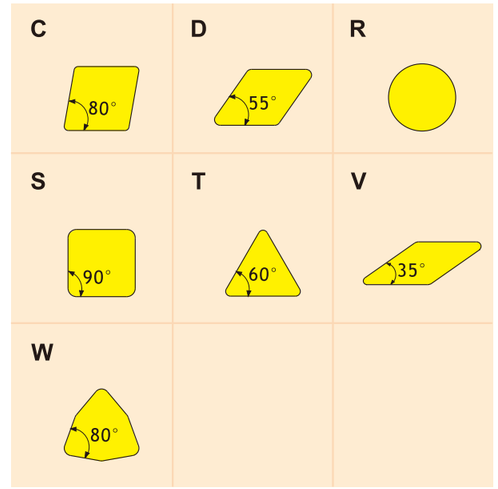




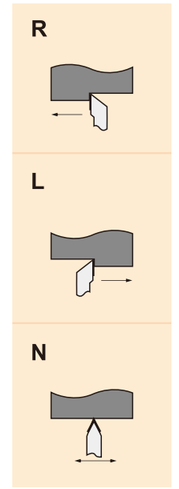
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1.压紧方式 Clamping system



2.刀片形状 Insert shape

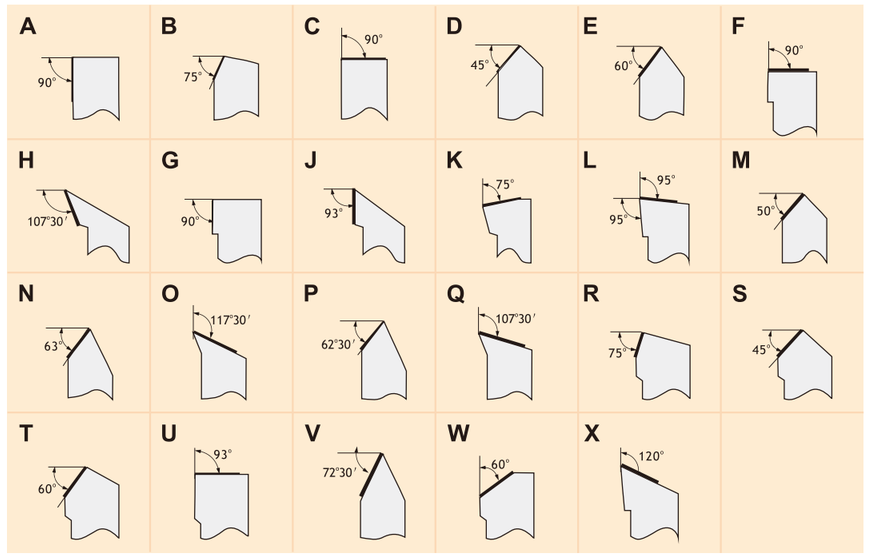


5.切削方向 Cutting direction

范例 Example

M C L N R

3.刀具形式与主偏角 Holder style and leading angle

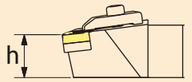


4.刀片后角 Insert clearance angle

N	0°
B	5°
C	7°
P	11°
D	15°
E	20°

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记号 Symbol	高度/mm Height/mm
12	12
16	16
20	20
25	25
32	32
40	40
50	50



只标注到整数 例:h=8mm,标为08
Integers to be proceeded by 0
eg:h=8 indicated by 08

记号 Symbol	高度/mm Height/mm
12	12
16	16
20	20
25	25
32	32
40	40
50	50



例:b=8mm,标为08
Integers to be proceeded by 0
eg:b=8 indicated by 08

6.刀尖高度 Tools-tip height

7.刀体宽度 Shank width

25 25 M 12

8.刀具长度 Tool length

代号 Code	长度 Length	代号 Code	长度 Length
D	60	Q	180
E	70	R	200
F	80	S	250
G	90	T	300
H	100	U	350
K	125	V	400
M	150	W	450
P	170		

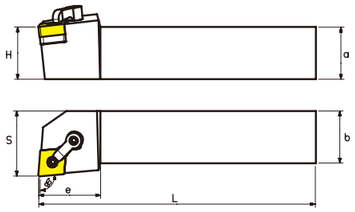
9.切削刃长 Cutting edge length

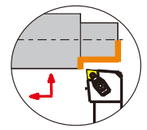
刀片形状 Insert Shape	C	D	R	S	T	V	W
内接圆 Inscribed Circle	切削刃长度 Cutting Edge Length						
5.556					09		
6.350	06	07			11		
9.525	09	11	09	09	16	16	
12.700	12	15	12	12	22	22	
15.875	16	19	15	15	27		
19.050	19		19	19	33		
25.400	25		25	25	44		

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MCLNR/L



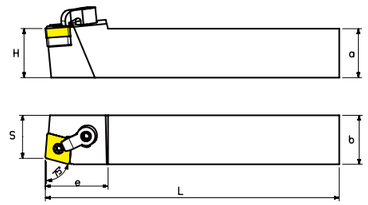


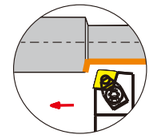


Type 型号		Dimension(mm) 基本尺寸 Stock 库存 R	L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
MCLNR/L	1616H12			16	16	100	16	21	30	CN □□ 1204□□	WS061025	MC1204	S3	MCL1814	MSP617
	2020K12			20	20	125	20	25	28						
	2525M12			25	25	150	25	32	32		WS061030				
	3225P12			32	25	170	32	32	32						
	3232P12			32	32	170	32	39	32						
	2525M16			25	25	150	25	32	38	CN□□ 1606□□	WS061030	MC1604	S3	MCL2114	MSP821
	3225P16			32	25	170	32	33	38						
	3232P16			32	32	170	32	40	38						
	3232P19			32	32	170	32	40	43	CN□□ 1906□□	WS081030	MC1904	S4	MCL2217	MSP1021
	4040R19			40	40	200	40	50	43						

MCBNR/L





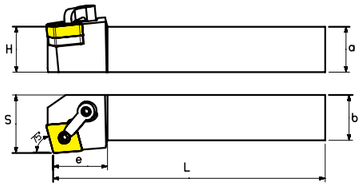


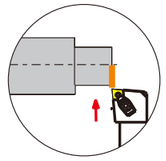
Type 型号		Dimension(mm) 基本尺寸 Stock 库存 R	L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
MCBNR/L	2020K12			20	20	125	20	17	32	CN□□ 1204□□	WS061025	MC1204	S3	MCL1814	MSP617
	2525M12			25	25	150	25	22	32		WS061030				
	3225P12			32	25	170	32	22	32						
	2525M16			25	25	150	25	22	36	CN□□ 1606□□	WS061030	MC1604	S3	MCL2114	MSP821
	3225P16			32	25	170	32	22	35						
	3232P16			32	32	170	32	27	35						
	3232P19			32	32	170	32	27	40	CN□□ 1906□□	WS081030	MC1904	S4	MCL2217	MSP1021
	4040R19			40	40	200	40	35	40						

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MCKNR/L



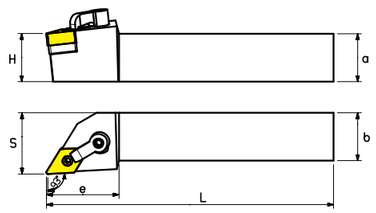




Type 型号		Dimension(mm) 基本尺寸 a	b	L	h	s	e	适用刀片 / 配件	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
MCKNR/L	2020K12	20	20	125	20	25	28	CN□□ 1204□□	WS061025	MC1204	S3	MCL1814	MSP617
	2525M12	25	25	150	25	32	28		WS061030				
	3225P12	32	25	170	32	32	28						
	2525M16	25	25	150	25	32	30	CN□□ 1606□□	WS061030	MC1604	S3	MCL2114	MSP821
	3225P16	32	25	170	32	32	30						
	3232P16	32	32	170	32	38	30						
	3232P19	32	32	170	32	40	36	CN□□ 1906□□	WS081030	MC1904	S4	MCL2217	MSP1021
	4040R19	40	40	200	40	48	36						

MDJNR/L





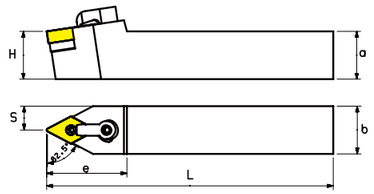


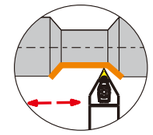
Type 型号		Dimension(mm) 基本尺寸 a	b	L	h	s	e	适用刀片 / 配件	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
MDJNR/L	1616H11	16	16	100	16	20	30	DN□□ 1104□□	WS061025	MD1103	S2 S3	MCL1814	MSP513
	2020K11	20	20	125	20	25	32		WS061030				
	2525M11	25	25	150	25	32	32						
	3225P11	32	25	170	32	32	32						
	2020K1504/06	20	20	125	20	25	36	DN□□ 1504□□ DN□□ 1506□□	WS061025	MD1504	S3	MCL2114	04:MSP617 06:MSP619
	2525M1504/06	25	25	150	25	32	38		WS061030				
	3225P1504/06	32	25	170	32	32	38						
	3232P1504/06	32	32	170	32	40	38						
	4040R15	40	40	200	40	48	40	DN□□ 1506□□					

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MDPNN



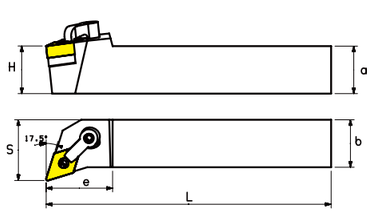


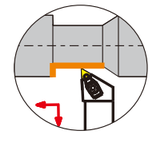


Type 型号		Dimension(mm) 基本尺寸 a	b	L	h	s	e	适用刀片 / 配件	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
MDPNN	1616H11	16	16	100	16	8	35	DN□□ 1104□□	WS061025	MD 1103	S2 S3	MCL1814	MSP513
	2020K11	20	20	125	20	10	34		WS061030				
	2525M11	25	25	150	25	12.5	36						
	3225P11	32	25	170	32	12.5	35						
	2020K1504/06	20	20	125	20	10	42	DN□□ 1504□□ DN□□ 1506□□	WS061025	MD1504	S3	MCL2114	04:MSP617 06:MSP619
	2525M1504/06	25	25	150	25	12.5	42		WS061030				
	3225P1504/06	32	25	170	32	12.5	42						
	3232P1504/06	32	32	170	32	16	42						

MDQNR/L



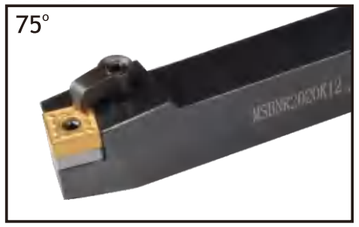


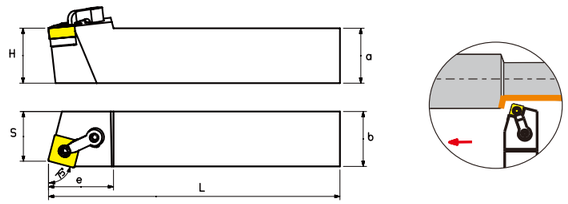


Type 型号		Dimension(mm) 基本尺寸 a	b	L	h	s	e	适用刀片 / 配件	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
MDQNR/L	1616H11	16	16	100	16	21	30	DN□□ 1104□□	WS061025	MD 1103	S2 S3	MCL1814	MSP513
	2020K11	20	20	125	20	25	32		WS061030				
	2525M11	25	25	150	25	30	30						
	3225P11	32	25	170	32	30	30						
	2020K1504/06	20	20	125	20	27	36	DN□□ 1504□□ DN□□ 1506□□	WS061025	MD1504	S3	MCL2114	04:MSP617 06:MSP619
	2525M1504/06	25	25	150	25	32	35		WS061030				
	3225P1504/06	32	25	170	32	32	35						
	3232P1504/06	32	32	170	32	40	35						

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MSBNR/L

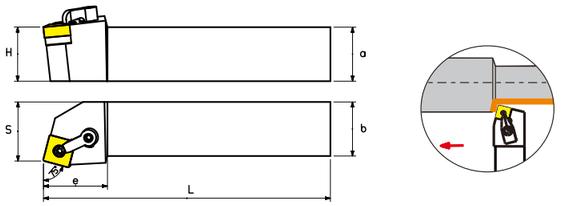




Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
MSBNR/L	2020K12			20	20	125	20	17	34	SN□□ 1204□□	WS061025	MS1204	S3	MCL1814	MSP617
	2525M12			25	25	150	25	22	32		WS061030				
	3225P12			32	25	170	32	22	32						
	2525M15			25	25	150	25	22	38	SN□□ 1506□□	WS061030	MS1504	S3	MCL2114	MSP821
	3232P15			32	32	170	32	29	38						
	3232P19			32	32	170	32	27	45	SN□□ 1906□□	WS081030	MS1904	S4	MCL2217	MSP1021
	4040R19			40	40	200	40	35	45						
	4040S25			40	40	250	40	34	60	SN□□ 2509□□	WS101035	MS2508	S4, S5	MCL3220	MSP1229

MSRNR/L

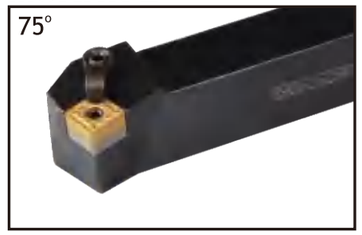


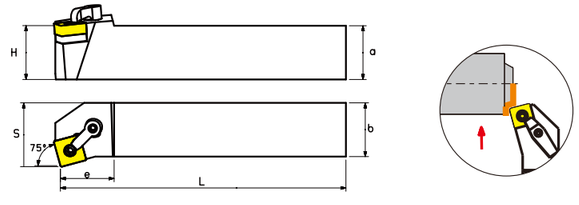


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
MSRNR/L	2020K12			20	20	125	20	22	32	SN□□ 1204□□	WS061025	MS1204	S3	MCL1814	MSP617
	2525M12			25	25	150	25	27	32		WS061030				
	3225P12			32	25	170	32	27	32						
	2525M15			25	25	150	25	27	38	SN□□ 1506□□	WS061030	MS1504	S3	MCL2114	MSP821
	3232P15			32	32	170	32	35	38						
	3232P19			32	32	170	32	35	43	SN□□ 1906□□	WS081030	MS1904	S4	MCL2217	MSP1021
	4040R19			40	40	200	40	43	43						
	4040S25			40	40	250	40	43	55	SN□□ 2509□□	WS101035	MS2508	S4, S5	MCL3220	MSP1229

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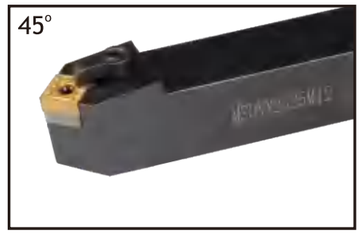
MSKNR/L

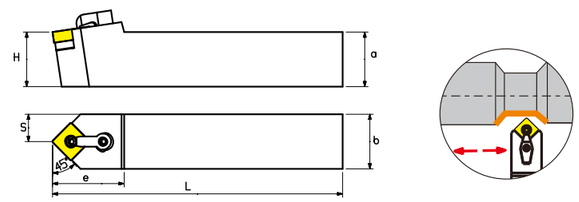




Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
MSKNR/L	2020K12			20	20	125	20	25	28	SN□□ 1204□□	WS061025	MS1204	S3	MCL1814	MSP617
	2525M12			25	25	150	25	32	27		WS061030				
	3225P12			32	25	170	32	32	27						
	2525M15			25	25	150	25	32	32	SN□□ 1506□□	WS061030	MS1504	S3	MCL2114	MSP821
	3232P15			32	32	170	32	38	32						
	3232P19			32	32	170	32	38	36	SN□□ 1906□□	WS081030	MS1904	S4	MCL2217	MSP1021
	4040R19			40	40	200	40	50	40						
	4040S25			40	40	250	40	50	45	SN□□ 2509□□	WS101035	MS2508	S4, S5	MCL3220	MSP1229

MSDNN



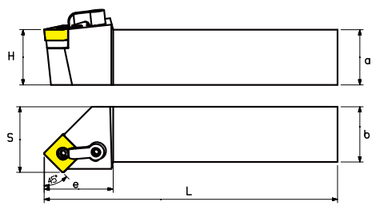


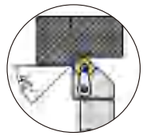
Type 型号		Stock 库存	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
MSDNN	2020K12		20	20	125	20	10	34	SN□□ 1204□□	WS061025	MS1204	S3	MCL1814	MSP617
	2525M12		25	25	150	25	12.5	34		WS061030				
	3225P12		32	25	170	32	12.5	34						
	2525M15		25	25	150	25	12.5	42						
	3232P15		32	32	170	32	16	42	SN□□ 1506□□	WS061030	MS1504	S3	MCL2114	MSP821
	3232P19		32	32	170	32	16	45	SN□□ 1906□□	WS081030	MS1904	S4	MCL2217	MSP1021
	4040R19		40	40	200	40	20	50						
	4040S25		40	40	250	40	20	60	SN□□ 2509□□	WS101035	MS2508	S4, S5	MCL3220	MSP1229

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MSSNR/L



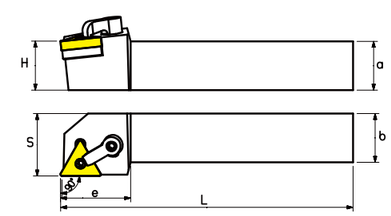


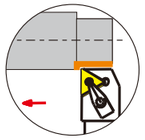


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clampd 压板	Clamping stud 销钉
MSSNR/L	2020K12			20	20	125	20	25	36	SN□□ 1204□□	WS061025	MS1204	S3	MCL1814	MSP617
	2525M12			25	25	150	25	30	36		WS061030				
	3225P12			32	25	170	32	30	33						
	3232P12			32	32	170	32	38	35						
	2525M15			25	25	150	25	30	40	SN□□ 1506□□	WS061030	MS1504	S3	MCL2114	MSP821
	3232P15			32	32	170	32	38	40						
	3232P19			32	32	170	32	38	45	SN□□ 1906□□	WS 081030	MS 1904	S4	MCL2217	MSP1021
	4040R19			40	40	200	40	46	45						
	4040S25			40	40	250	40	50	60	SN□□ 2509□□	WS101035	MS2508	S4, S5	MCL3220	MSP1229

MTGNR/L



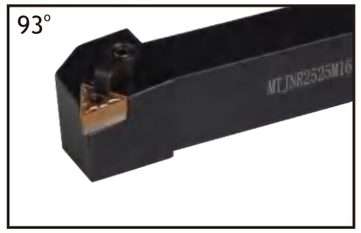


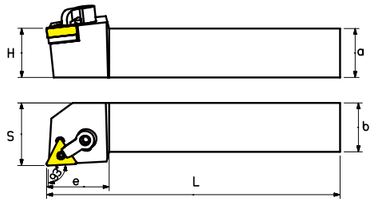


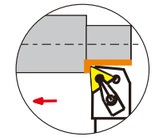
Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
MTGNR/L	2020K16			20	20	125	20	25	32	TN□□ 1604□□	WS061025	MT1603	S2, S3	MCL1814	MSP513
	2525M16			25	25	150	25	32	30		WS061030				
	3225P16			32	25	170	32	32	30						
	2525M22			25	25	150	25	32	36	TN□□ 2204□□	WS061030	MT2204	S3	MCL2114	MSP617
	3225P22			32	25	170	32	32	36						
	3232P22			32	32	170	32	38	36						

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MTJNR/L

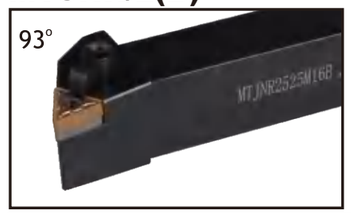


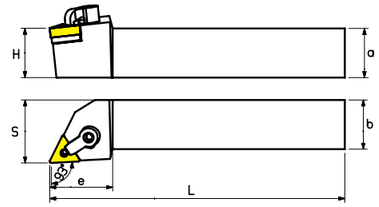


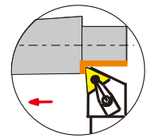


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
MTJNR/L	1616H16			16	16	100	16	20	28	TN□□ 1604□□	WS061025	MT1603	S2, S3	MCL1814	MSP513
	2020K16			20	20	125	20	25	32		WS061030				
	2525M16			25	25	150	25	32	32						
	3225P16			32	25	170	32	32	32						
	3232P16			32	32	170	32	32	32						
	2525M22			25	25	150	25	32	36	TN□□ 2204□□	WS061030	MT2204	S3	MCL2114	MSP617
	3225P22			32	25	170	32	32	36						
	3232P22			32	32	170	32	38	36						

MTJNR/L(B)





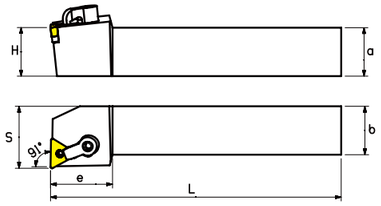


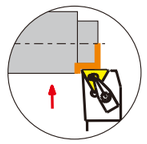
Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
MTJNR/L	1616H16B			16	16	100	16	20	28	TN□□ 1604□□	WS061025	MT1603	S2, S3	MCL1814	MSP513
	2020K16B			20	20	125	20	25	32		WS061030				
	2525M16B			25	25	150	25	32	32						
	3225P16B			32	25	170	32	32	32						
	3232P16B			32	32	170	32	32	32						
	2525M22B			25	25	150	25	32	36	TN□□ 2204□□	WS061030	MT2204	S3	MCL2114	MSP617
	3225P22B			32	25	170	32	32	36						
	3232P22B			32	32	170	32	38	36						

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MTFNR/L



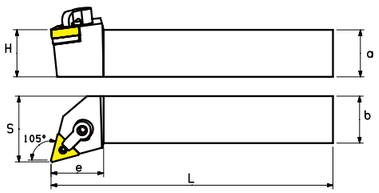


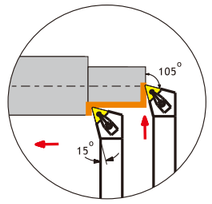


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
MTFNR/L	1616H16			16	16	100	16	21	28	TN□□ 1604□□	WS061025	MT1603	S2, S3	MCL1814	MSP513
	2020K16			20	20	125	20	25	30		WS061030				
	2525M16			25	25	150	25	32	32						
	3225P16			32	25	170	32	32	32						
	3232P16			32	32	170	32	38	32						
	2525M22			25	25	150	25	32	36	TN□□ 2204□□	WS061030	MT2204	S3	MCL2114	MSP617
	3225P22			32	25	170	32	32	36						
	3232P22			32	32	170	32	38	36						

MTQNR/L





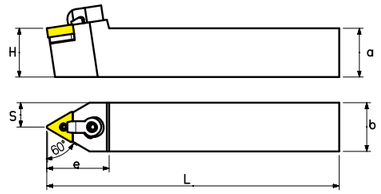


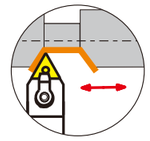
Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
MTQNR/L	2020K16			20	20	125	20	29	25	TN□□ 1604□□	WS061025	MT1603	S2, S3	MCL1814	MSP513
	2525M16			25	25	150	25	35	28		WS061030				
	3225P16			32	25	170	32	35	25						
	2525M22			25	25	150	25	38	36	TN□□ 2204□□	WS061030	MT2204	S3	MCL2114	MSP617
	3232P22			32	32	170	32	46	36						

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MTENN



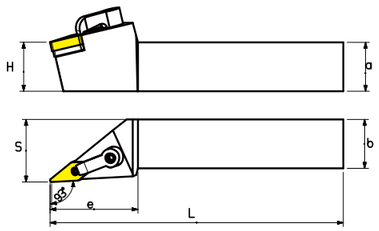


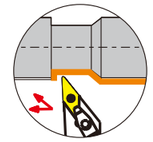


Type 型号		Stock 库存		a	b	L	h	s	e	Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
MTENN	1616H16			16	16	100	16	8	32	TN□□ 1604□□	WS061025	MT1603	S2 S3	MCL1814	MSP513
	2020K16			20	20	125	20	10	34						
	2525M16			25	25	150	25	12.5	32		WS061030				
	3232P16			32	32	170	32	16	32						

MVJNR/L



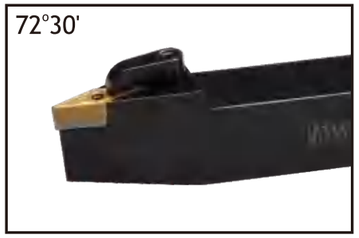


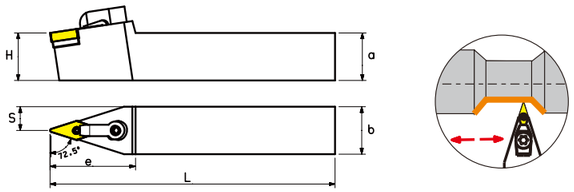


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
MVJNR/L	1616H16			16	16	100	16	22	43	VN□□ 1604□□ 只装株钻刀片	WS061025	MV1603	S2 S3	MCL2414	MSP513
	2020K16			20	20	125	20	26	45						
	2525M16			25	25	150	25	32	45		WS061030				
	3225P16			32	25	170	32	32	45						
	3232P16			32	32	170	32	40	45						

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MVVNN

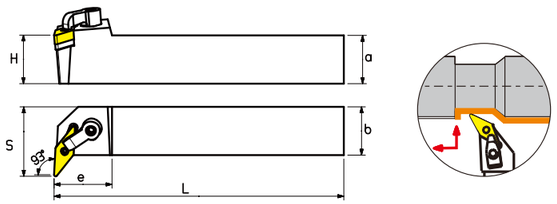




Type 型号		Stock 库存	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
MVVNN	2020K16		20	20	125	20	10	45	VN□□ 1604□□ 只装株钻刀片	WS061025 WS061030	MV1603	S2 S3	MCL2414	MSP513
	2525M16		25	25	150	25	12.5	45						
	3225P16		32	25	170	32	12.5	45						
	3232P16		32	32	170	32	16	45						

MVUNR/L



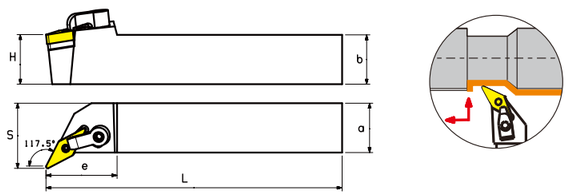


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
MVUNR/L	1616H16			16	16	100	16	20	45	VN□□ 1604□□ 只装株钻刀片	WS061025 WS061030	MV1603	S2 S3	MCL2114	MSP513
	2020K16			20	20	125	20	25	45						
	2525M16			25	25	150	25	32	45						
	3225P16			32	25	170	32	32	45						
	3232P16			32	32	170	32	40	45						

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MVQNR/L

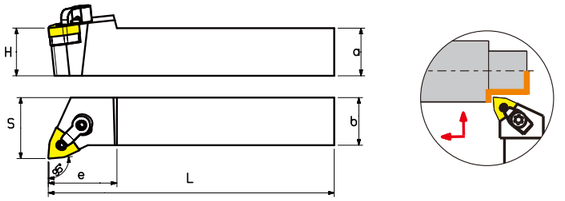




Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
MVQNR/L	1616H16			16	16	100	16	24	36	VN□□ 1604□□ 只装株钻刀片	WS061025 WS061030	MV1603	S2 S3	MCL2114	MSP513
	2020K16			20	20	125	20	27	36						
	2525M16			25	25	150	25	33	36						
	3225P16			32	25	170	32	33	36						
	3232P16			32	32	170	32	40	36						

MWLNR/L



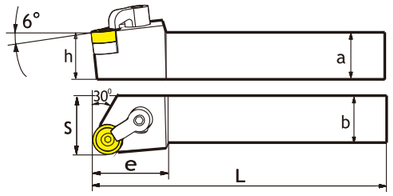


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
MWLNR/L	2020K06			20	20	125	20	25	28	WN□□ 0604□□	WS061025 WS061030	MW0603	S2 S3	MCL1814	MSP513
	2525M06			25	25	150	25	32	30						
	2020K08			20	20	125	20	26	28	WN□□ 0804□□	WS061025 WS061030	MW0804	S3		MSP617
	2525M08			25	25	150	25	32	35						
	3225P08			32	25	170	32	32	35						
	3232P08			32	32	170	32	40	35						

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MRGNR/L



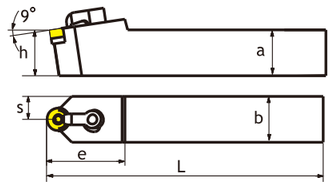




Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e						
MRGNR/L	2020K12			20	20	125	20	25	28	RN□□ 1204□□	WS061025	MR1204	S3	MCL1814	MSP617
	2525M12			25	25	150	25	32	32						
	3225P12			32	25	170	32	32	32		WS061030				
	3232P12			32	32	170	32	39	32						

MRDNN



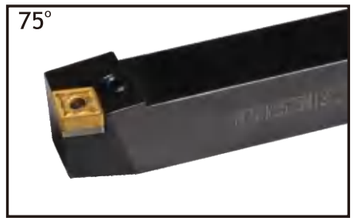


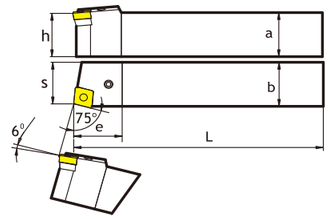


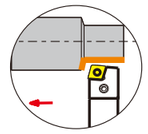
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
		Stock 库存	a	b	L	h	s	e						
MRDNN	2020K12		20	20	125	20	10	30	RN□□ 1204□□	WS061025	MR1204	S3	MCL1814	MSP617
	2525M12		25	25	150	25	12.5	32						
	3225P12		32	25	170	32	12.5	30		WS061030				
	3232P12		32	32	170	32	16	30						

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PCBNR/L



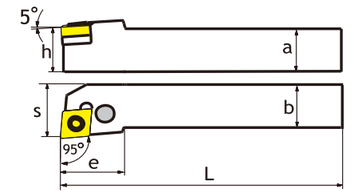


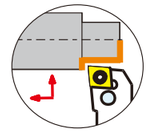


Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫
		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e						
PCBNR/L	2020K12			20	20	125	20	17	30	CN□□ 1204□□	VHX0821	PC12318	S3	LV4	SP4
	2525M12			25	25	150	25	22	26						
	3232P12			32	32	170	32	29	27						
	2525M16			25	25	150	25	22	32	CN□□ 1606□□	VHX0825	PC16476	S3	LV5	SP5
	3232P16			32	32	170	32	27	33						
	3232P19			32	32	170	32	27	38	CN□□ 1906□□	VHX1027	PC19476	S4	LV6	SP6
	4040S19			40	40	250	40	35	38						
	4040S2507			40	40	250	40	37	50	CN□□ 2507□□	VHX1236	PC25	S5	LV8	SP8
	4040S2509			40	40	250	40	37	50	CN□□ 2509□□					

PCLNR/L





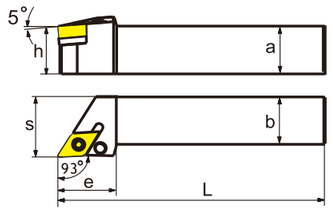


Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫
		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e						
PCLNR/L	1616H09			16	16	100	16	20	20	CN□□ 0903□□	VHX0613	PC09318	S2.5	LV3	SP3
	2020K09			20	20	125	20	25	22						
	2525M09			25	25	150	25	32	22						
	2020K12			20	20	125	20	26	28	CN□□ 1204□□	VHX0821	PC12318	S3	LV4	SP4
	2525M12			25	25	150	25	32	28						
	3232P12			32	32	170	32	39	32						
	2525M16			25	25	150	25	32	36	CN□□ 1606□□	VHX0825	PC16476	S3	LV5	SP5
	3232P16			32	32	170	32	39	36						
	3232P19			32	32	170	32	40	40	CN□□ 1906□□	VHX1027	PC19476	S4	LV6	SP6
	4040S19			40	40	250	40	49	40						
	4040S2507			40	40	250	40	50	47	CN□□ 2507□□	VHX1236	PC25	S5	LV8	SP8
	4040S2509			40	40	250	40	50	47	CN□□ 2509□□					

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PDJNR/L



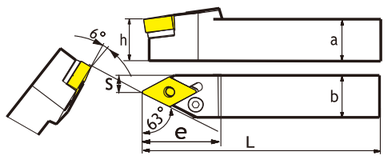


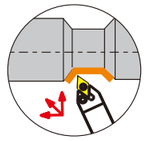


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫
PDJNR/L	1616H11			16	16	100	16	20	25	DN□□ 1104□□	VHX0613	PD11270	S2.5	LV3	SP3
	2020K11			20	20	125	20	25	25						
	2525M11			25	25	150	25	30	30						
	2020K15			20	20	125	20	25	32	DN□□ 1506□□	VHX0825	PD15318	S3	LV4B	SP4
	2525M15			25	25	150	25	32	35						
	3232P15			32	32	170	32	38	35						
	2020K15–3			20	20	125	20	25	35	DN□□ 1504□□	VHX0821	PD15318	S3	LV4	SP4
	2525M15–3			25	25	150	25	32	35						
	3232P15–3			32	32	170	32	38	35						

PDNNR/L



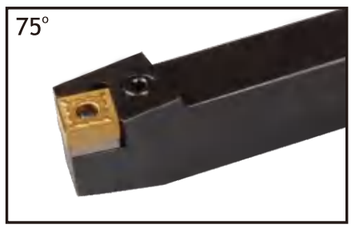


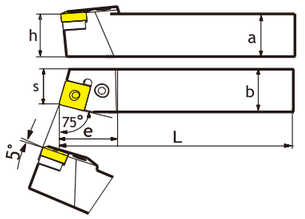


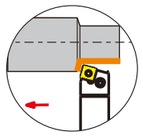
Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫
PDNNR/L	2020K15			20	20	125	20	8	37	DN□□ 1506□□	VHX0825	PD15318	S3	LV4B	SP4
	2525M15			25	25	150	25	12.5	37						
	3225P15			32	25	170	32	12.5	37						
	3232P15			32	32	170	32	16	37						
	2020K15–3			20	20	125	20	8	37	DN□□ 1504□□	VHX0821	PD15318	S3	LV4	SP4
	2525M15–3			25	25	150	25	12.5	37						
	3232P15–3			32	32	170	32	16	37						

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PSBNR/L



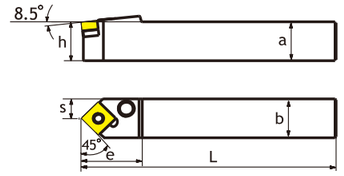


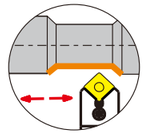


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫
PSBNR/L	1616H09			16	16	100	16	13	21	SN□□ 0903□□	VHX0613	PS09318	S2.5	LV3	SP3
	2020K09			20	20	125	20	17	23						
	2020K12			20	20	125	20	17	28						
	2525M12			25	25	150	25	22	28	SN□□ 1204□□	VHX0821	PS12318	S3	LV4	SP4
	3225P12			32	25	170	32	22	28						
	3232P12			32	32	170	32	29	28						
	2525M15			25	25	150	25	22	32	SN□□ 1506□□	VHX0825	PS15476	S3	LV5	SP5
	3232P15			32	32	170	32	28	32						
	3232P19			32	32	170	32	36	45	SN□□ 1906□□	VHX1027	PS19476	S4	LV6	SP6
	4040S19			40	40	250	40	35	45						
	4040S2507			40	40	250	40	35	50	SN□□ 2507□□	VHX1236	PS25634	S5	LV8	SP8
	4040S2509			40	40	250	40	35	50	SN□□ 2509□□		PS25476			

PSDNN





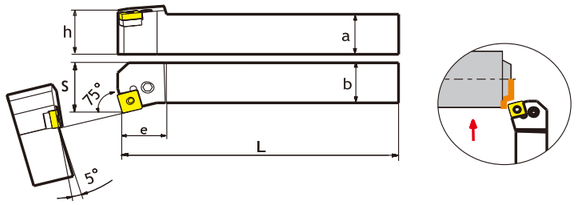


Type 型号		Stock 库存	a	b	L	h	s	e	Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫
PSDNN	2020K12		20	20	125	20	10	30	SN□□ 1204□□	VHX0821	PS12318	S3	LV4	SP4
	2525M12		25	25	150	25	12.5	32						
	3232P12		32	32	170	32	16	30						
	2525M15		25	25	150	25	12.5	40	SN□□ 1506□□	VHX0825	PS15476	S3	LV5	SP5
	3232P15		32	32	170	32	16	40						
	3232P19		32	32	170	32	16	40	SN□□ 1906□□	VHX1027	PS19476	S4	LV6	SP6
	4040S19		40	40	250	40	20	40						
	4040S2507		40	40	250	40	20	50	SN□□ 2507□□	VHX1236	PS25634	S5	LV8	SP8
	4040S2509		40	40	250	40	20	50	SN□□ 2509□□		PS25476			

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PSKNR/L

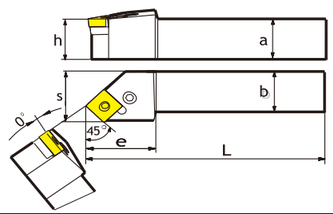


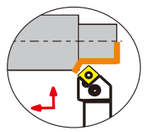


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫
		Stock 库存		a	b	L	h	s	e					
		R	L											
PSKNR/L	1616H09			16	16	100	16	20	17	SN□□ 0903□□	VHX0613	PS09318	S2.5	LV3	SP3
	2020K09			20	20	125	20	25	20						
	2020K12			20	20	125	20	25	26	SN□□ 1204□□	VHX0821	PS12318	S3	LV4	SP4
	2525M12			25	25	150	25	30	26						
	3232P12			32	32	170	32	38	26						
	2525M15			25	25	150	25	32	32	SN□□ 1506□□	VHX0825	PS15476	S3	LV5	SP5
	3232P15			32	32	170	32	38	32						
	3232P19			32	32	170	32	38	36	SN□□ 1906□□	VHX1027	PS19476	S4	LV6	SP6
	4040S19			40	40	250	40	48	32						
	4040S2507			40	40	250	40	50	40	SN□□ 2507□□	VHX1236	PS25634	S5	LV8	SP8
	4040S2509			40	40	250	40	50	40	SN□□ 2509□□		PS25476			

PSSNR/L





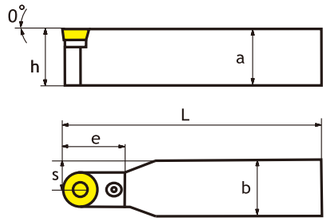


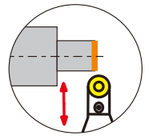
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫
		Stock 库存		a	b	L	h	s	e					
		R	L											
PSSNR/L	1616H09			16	16	100	16	18	25	SN□□ 0903□□	VHX0613	PS09318	S2.5	LV3	SP3
	2020K12			20	20	125	20	25	28	SN□□ 1204□□	VHX0821	PS12318	S3	LV4	SP4
	2525M12			25	25	150	25	30	32						
	3232P12			32	32	170	32	38	32						
	2525M15			25	25	150	25	30	35	SN□□ 1506□□	VHX0825	PS15476	S3	LV5	SP5
	3232P15			32	32	170	32	38	35						
	3232P19			32	32	170	32	38	40	SN□□ 1906□□	VHX1027	PS19476	S4	LV6	SP6
	4040S19			40	40	250	40	48	50						
	4040S2507			40	40	250	40	48	50	SN□□ 2507□□	VHX1236	PS25634	S5	LV8	SP8
	4040S2509			40	40	250	40	48	50	SN□□ 2509□□		PS25476			

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PRDCN



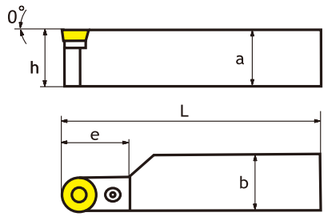


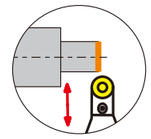


Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫
		Stock 库存		a	b	L	h	s	e						
		R	L												
PRDCN	2020K12			20	20	125	20	10	25	RCMX1204□□	VHX0617	PR 1204	S2.5	LCL12C	SP3
	2525M12			25	25	150	25	12.5	25						
	2525M16			25	25	150	25	10	35	RCMX1606□□	VHX0621	PR 1604	S2.5	LCL16C	SP4
	3232P16			32	32	170	32	16	32						
	3232P20			32	32	170	32	16	40	RCMX2006□□	VHX0825	PR 2004	S3	LCL20C	SP5
	4040T20			40	40	300	40	20	45						
	3232P25			32	32	170	32	16	45	RCMX2507□□	VHX1030	PR 2506	S4	LCL25C	SP6
	4040T25			40	40	300	40	20	50						

PRACR/L





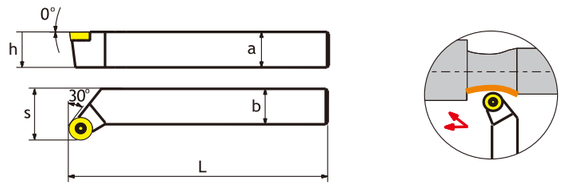


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫
		Stock 库存		a	b	L	h	e						
		R	L											
PRACR/L	2020K12			20	20	125	20	30	RCMX1204□□	VHX0617	PR 1204	S2.5	LCL12C	SP3
	2525M12			25	25	150	25	30						
	2525M16			25	25	150	25	35	RCMX1606□□	VHX0621	PR 1604	S2.5	LCL16C	SP4
	3232P16			32	32	170	32	35						
	3232P20			32	32	170	32	40	RCMX2006□	VHX0825	PR 2004	S3	LCL20C	SP5
	4040T20			40	40	300	40	50						
	3232P25			32	32	170	32	45	RCMX2507□□	VHX1030	PR 2506	S4	LCL25C	SP6
	4040T25			40	40	300	40	50						

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PRGCR/L

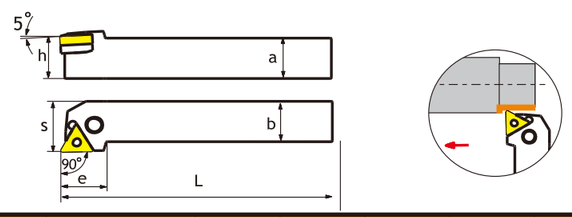




Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫
PRGCR/L	2020K12			20	20	125	20	25	RCMX1204□□	VHX0617	PR 1204	S2.5	LCL12C	SP3
	2525M12			25	25	150	25	32						
	2525M16			25	25	150	25	35	RCMX1606□□	VHX0621	PR 1604	S2.5	LCL16C	SP4
	3232P16			32	32	170	32	42						
	3232P20			32	32	170	32	40	RCMX2006□□	VHX0825	PR 2004	S3	LCL20C	SP5
	4040T20			40	40	300	40	50						
	3232P25			32	32	170	32	45	RCMX2507□□	VHX1030	PR 2506	S4	LCL25C	SP6
	4040T25			40	40	300	40	56						

PTGNR/L



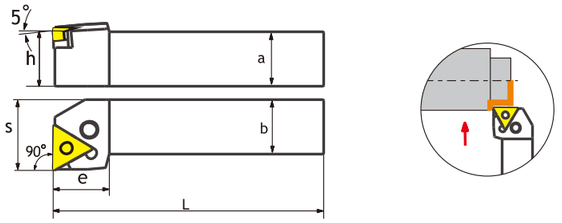


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫
PTGNR/L	1616H11			16	16	100	16	19	18						
	2020K11			20	20	125	20	24	20	TN□□ 1103□□	VHX059B	–	S2	LV2	–
	2525M11			25	25	150	25	29	20						
	1616H16			16	16	100	16	19	22						
	2020K16			20	20	125	20	23	25	TN□□ 1604□□	VHX0617	PT16	S2.5	LV3	SP3
	2525M16			25	25	150	25	29	25						
	3232P16			32	32	170	32	37	32						
	2525M22			25	25	150	25	30	30	TN□□ 2204□□	VHX0821	PT22	S3	LV4	SP4
	3232P22			32	32	170	32	37	32						
	3232P27			32	32	170	32	37	38	TN□□ 2706□□	VHX0825	PT27	S3	LV5	SP5
	4040S27			40	40	250	40	47	38						

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PTFNR/L

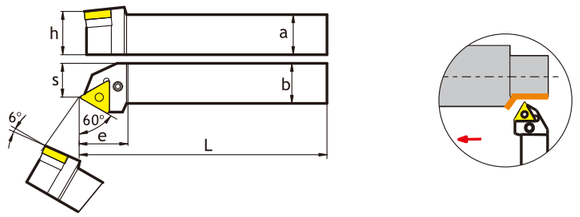




Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫
PTFNR/L	1616H16			16	16	100	16	20	20	TN□□ 1604□□	VHX0617	PT16	S2.5	LV3	SP3
	2020K16			20	20	125	20	25	20						
	2525M16			25	25	150	25	30	25						
	2525M22			25	25	150	25	32	30	TN□□ 2204□□	VHX0821	PT22	S3	LV4	SP4
	3232P22			32	32	170	32	38	30						
	3232P27			32	32	170	32	38	35	TN□□ 2706□□	VHX0825	PT27	S3	LV5	SP5
	4040S27			40	40	250	40	50	34						

PTTNR/L



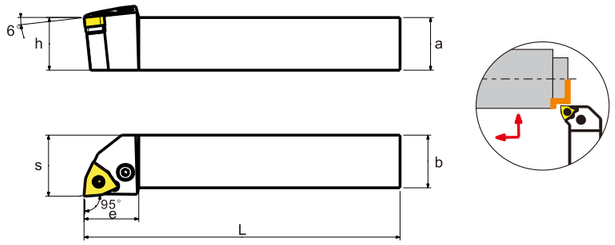


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫
PTTNR/L	1616H16			16	16	100	16	13	25	TN□□ 1604□□	VHX0617	PT16	S2.5	LV3	SP3
	2020K16			20	20	125	20	17	25						
	2525M22			25	25	150	25	22	32	TN□□ 2204□□	VHX0821	PT22	S3	LV4	SP4

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PWLNR/L



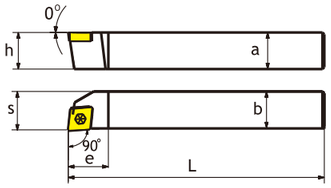


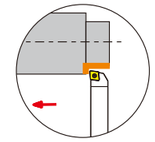
Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫
PWLNR/L	1616H06			16	16	100	16	19	22	WN□□ 0604□□	VHX0617	PW06270	S2.5	LV3	SP3
	2020K06			20	20	125	20	23	25						
	2525M06			25	25	150	25	28	25						
	2020K08			20	20	125	20	25	26	WN□□ 0804□□	VHX0821	PW08318	S3	LV4	SP4
	2525M08			25	25	150	25	29	26						
	3232P08			32	32	170	32	37	26						

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SCACR/L



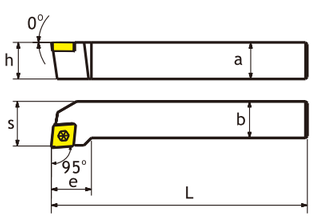


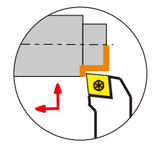


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
SCACR/L	1010E06			10	10	70	10	10.5	10	CC□T 0602□□	L60M2.5×5	T08
	1212F09			12	12	80	12	12.7	16	CC□T 09T3□□	L60M4×8	T15

SCLCR/L





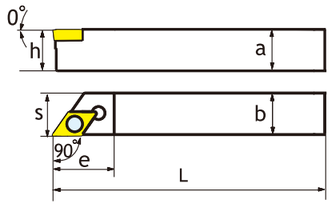


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
SCLCR/L	1212F09			12	12	80	12	15	16	CC□T 09T3□□	L60M4×8	T15
	1616H09			16	16	100	16	20	16			
	2020K09			20	20	125	20	23	20			
	2020K12			20	20	125	20	24	25	CC□T 1204□□	L60M5×12	T20
	2525M12			25	25	150	25	29	25			
	3225P12			32	25	170	32	29	25			
	3232P12			32	32	170	32	36	38			

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SDACR/L



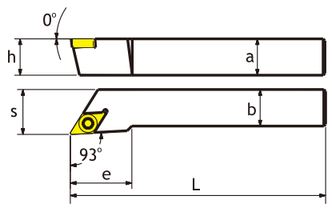




Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
		Stock 库存		a	b	L	h	s	e			
		R	L									
SDACR/L	1010E07			10	10	70	10	10.5	15	DC□T 0702□□	L60M2.5×5	T08
	1212F11			12	12	80	12	12.5	20	DC□T 11T3□□	L60M4×8	T15
	1616H11			16	16	100	16	16.7	20			

SDJCR/L





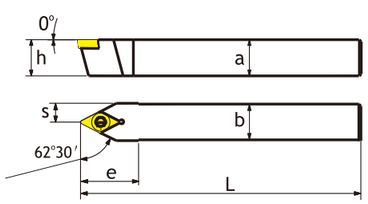


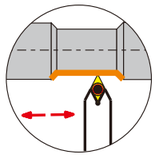
Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
		Stock 库存		a	b	L	h	s	e			
		R	L									
SDJCR/L	1010E07			10	10	70	10	12	15	DC□T 0702□□	L60M2.5×5	T08
	1212F07			12	12	80	12	14	15			
	1616H07			16	16	100	16	18	18			
	2020K07			20	20	125	20	22	18			
	1616H11			16	16	100	16	19	20	DC□T 11T3□□	L60M4×8	T15
	2020K11			20	20	125	20	23	26			
	2525M11			25	25	150	25	28	26			
	3225P11			32	25	170	32	28	26			
	3232P11			32	32	170	32	35	31			

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SDNCN



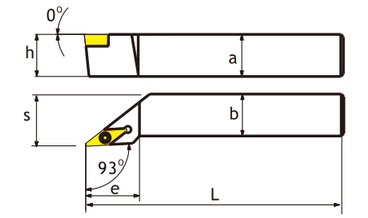




Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
		Stock 库存		a	b	L	h	s	e			
		R	L									
SDNCN	1010E07			10	10	70	10	5	16	DC□T 0702□□	L60M2.5×5	T08
	1212F07			12	12	80	12	6	20			
	1212H11			12	12	100	12	6	22	DC□T 11T3□□	L60M4×8	T15
	1616H11			16	16	100	16	8	22			
	2020K11			20	20	125	20	10	22	DC□T 11T3□□		
	2525M11			25	25	150	25	12.5	22			

SVJCR/L





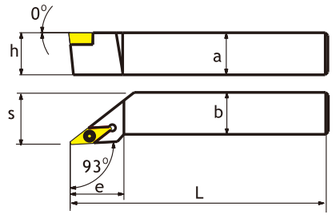


Type 型号		Dimension(mm) 基石尺寸								Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
		Stock 库存		a	b	L	h	s	e			
		R	L									
SVJCR/L	1212F11			12	12	80	12	14	20	VC□T 1103□□	L60M2.5×6.5	T08
	1616H11			16	16	100	16	18	22			
	2020K11			20	20	125	20	22	27			
	2525M11			25	25	150	25	27	35			
	1616H16			16	16	100	16	18	32	VC□T 1604□□	L60M4×8	T15
	2020K16			20	20	125	20	22	32			
	2525M16			25	25	150	25	27	35			
	3225P16			32	25	170	32	27	35			
	3232P16			32	32	170	32	35	45			

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SVJBR/L



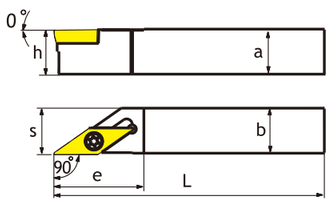


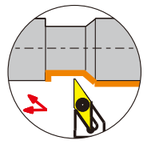


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
SVJBR/L	1212F11			12	12	80	12	14	27	VB□T 1103□□	L60M2.5×6.5	T08
	1616H11			16	16	100	16	18	27			
	2020K11			20	20	125	20	22	27			
	2525M11			25	25	150	25	27	27			
	1616H16			16	16	100	16	18	36	VB□T 1604□□	L60M4×8	T15
	2020K16			20	20	125	20	22	41			
	2525M16			25	25	150	25	27	41			
	3225P16			32	25	170	32	27	41			
	3232P16			32	32	170	32	35	41			

SVABR/L





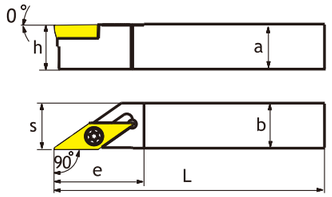


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
SVABR/L	1616H16			16	16	100	16	16.5	32	VB□T 1604□□	L60M4×8	T15
	2020K16			20	20	125	20	20.5	32			
	2525M16			25	25	150	25	25.5	38			

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SVACR/L



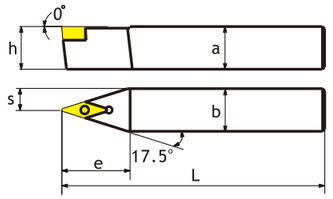




Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
SVACR/L	1616H16			16	16	100	16	16.5	32	VC□T 1604□□	L60M4×8	T15
	2020K16			20	20	125	20	20.5	32			
	2525M16			25	25	150	25	25.5	38			

SVVBN





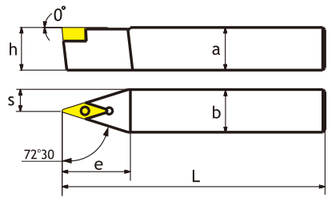


Type 型号		Stock 库存	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
SVVBN	1212F11		12	12	80	12	6	22	VB□T 1103□□	L60M2.5×6.5	T08
	1616H11		16	16	100	16	8	27			
	2020K11		20	20	125	20	10	30			
	1616H16		16	16	100	16	8	33	VB□T 1604□□	L60M4×8	T15
	2020K16		20	20	125	20	10	33			
	2525M16		25	25	150	25	12.5	38			
	3225P16		32	25	170	32	12.5	38			
	3232P16		32	32	170	32	16	38			

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SVVCN



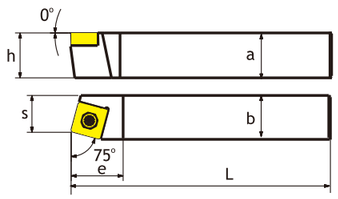


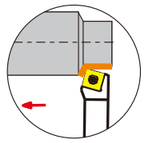


Type 型号		Stock 库存	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
SVVCN	1212F11		12	12	80	12	6	22	VC□T 1103□□	L60M2.5×6.5	T08
	1616H11		16	16	100	16	8	27			
	2020K11		20	20	125	20	10	30			
	1616H16		16	16	100	16	8	33	VC□T 1604□□	L60M4×8	T15
	2020K16		20	20	125	20	10	33			
	2525M16		25	25	150	25	12.5	38			
	3225P16		32	25	170	32	12.5	38			
	3232P16		32	32	170	32	16	38			

SSBCR/L





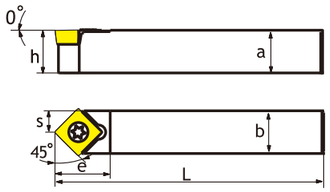


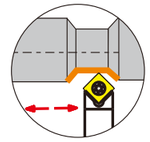
Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
SSBCR/L	1212F09			12	12	80	12	11	14	SC□T 09T3□□	L60M4×8	T15
	1616H09			16	16	100	16	13	16			
	2020K12			20	20	125	20	17	25	SC□T 1204□□	L60M5×12	T20
	2525M12			25	25	150	25	22	25			
	3232P12			32	32	170	32	27	28			

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SSDCN



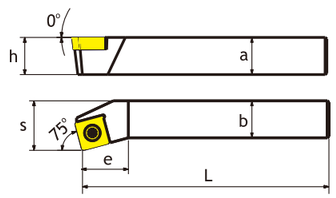


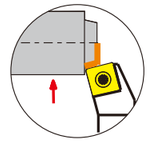


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
SSDCN	1212F09			12	12	80	12	6	16	SC□T 09T3□□	L60M4×8	T15
	1616H09			16	16	100	16	8	16			
	2020K09			20	20	125	20	10	16			
	2525M09			25	25	150	25	12.5	25			
	2020K12			20	20	125	20	10	25	SC□T 1204□□	L60M5×12	T20
	2525M12			25	25	150	25	12.5	25			
	3232P12			32	32	170	32	16	25			

SSKCR/L



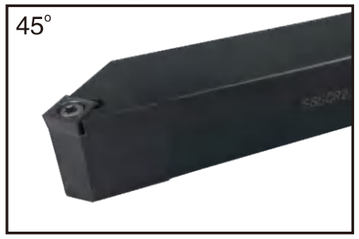


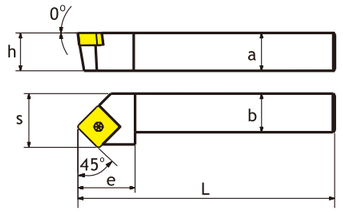


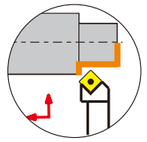
Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
SSKCR/L	1616H09			16	16	100	16	20	13	SC□T 09T3□□	L60M4×8	T15
	2020K09			20	20	125	20	25	18			
	2020K12			20	20	125	20	25	18	SC□T 1204□□	L60M5×12	T20
	2525M12			25	25	150	25	32	22			
	3232P12			32	32	170	32	40	27			

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SSSCR/L



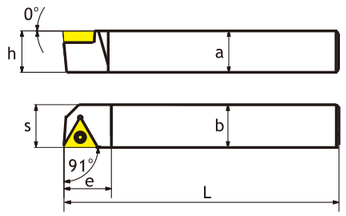


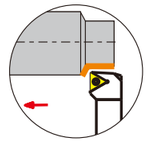


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
SSSCR/L	1616H09			16	16	100	16	20	16	SC□T 09T3□□	L60M4×8	T15
	2020K09			20	20	125	20	25	20			
	2020K12			20	20	125	20	25	23	SC□T 1204□□	L60M5×12	T20
	2525M12			25	25	150	25	32	25			
	3232P12			32	32	170	32	38	28			

STACR/L





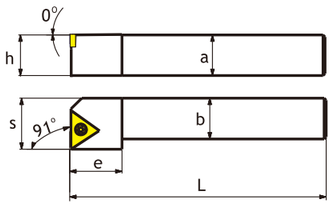


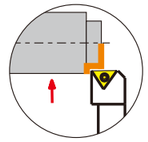
Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
STACR/L	1212F11			12	12	80	12	12.5	14	TC□T 1102□□	L60M2.5×5	T08

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STFCR/L



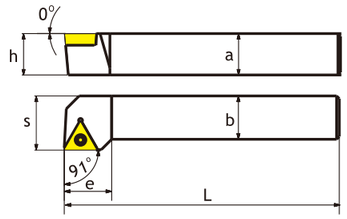


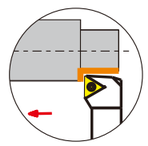


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
STFCR/L	1212F11			12	12	80	12	14	14	TC□T 1102□□	L60M2.5×5	T08
	1616H11			16	16	100	16	18	16			
	2020K11			20	20	125	20	22	16			
	1616H16			16	16	100	16	18	19	TC□T 16T3□□	L60M4×8	T15
	2020K16			20	20	125	20	22	19			
	2525M16			25	25	150	25	27	24			

STGCR/L





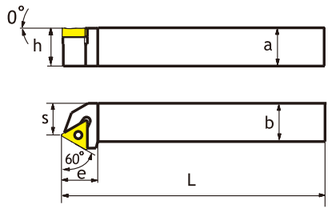


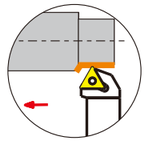
Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
STGCR/L	0808D09			08	08	60	8	10	11	TC□T 0902□□	L60M2.2×5	T06
	1010E09			10	10	70	10	11	11			
	1212F11			12	12	80	12	14	14	TC□T 1102□□	L60M2.5×5	T08
	1616H11			16	16	100	16	17	16			
	2020K16			20	20	125	20	22	21	TC□T 16T3□□	L60M4×8	T15
	2525M16			25	25	150	25	27	21			

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STTCR/L

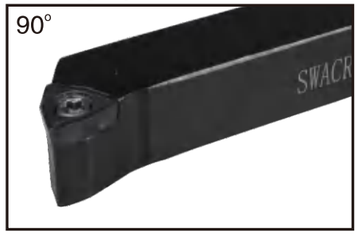


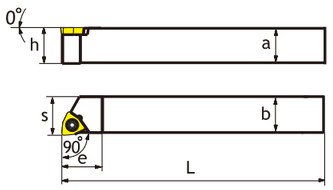


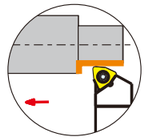


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
STTCR/L	1616H11			16	16	100	16	13	14	TC□T 1102□□	L60M2.5×5	T08
	1616H16			16	16	100	16	13	19	TC□T 16T3□□	L60M4×8	T15
	2020K16			20	20	125	20	17	19			

SWACR/L





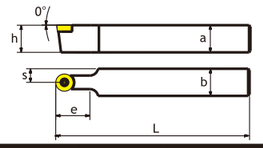


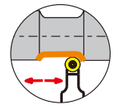
Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
SWACR/L	1010E04			10	10	70	10	10.5	10	WC□X 0402□□	L60M2.5×5	T08
	1212F04			12	12	80	12	12.5	14			
	1616H06			16	16	100	16	16.5	20	WC□X 06T3□□	L60M3×7	T08
	2020K08			20	20	125	20	20.5	24	WC□X 0804□□	L60M4×8	T15

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SRDCN

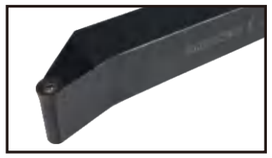


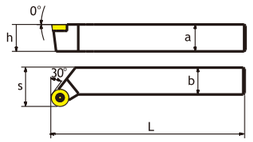




Type 型号		Stock 库存	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Screw 刀片螺钉	Wrench 扳手	Shim 刀垫	Screw 刀垫螺钉	Wrench 刀垫扳手
SRDCN	2020K06		20	20	125	20	10	11	RC□T 0602□□	L60M2.5×5	T08	–	–	–
	2525M06		25	25	150	25	12.5	11						
	2020K08		20	20	125	20	10	16	RC□T 0803□□	L60M3×7	T08	–	–	–
	2525M08		25	25	150	25	12.5	16						
	2020K10		20	20	125	20	10	25	RC□T 10T3□□	L60M3.5×10	T15	–	–	–
	2525M10		25	25	150	25	12.5	25						
	2020K12		20	20	125	20	10	35	RC□T 1204□□	L60M3.5×12	T15	–	–	–
	2525M12		25	25	150	25	12.5	35						
	3225P12		32	25	170	32	16	35						
	2525M16		25	25	150	25	12.5	35	RC□T 1606□□	L60M4×16	T20	R16BS	SM0614	S4
	3232P16		32	32	170	32	16	40						
	3232P20		32	32	170	32	16	40	RCMX2006	L60M5×16–8.1	T20	R20BS	SM0814	S5
	4040S20		40	40	250	40	20	40						

SRGCR/L



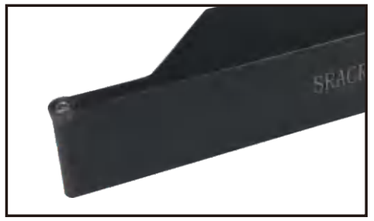


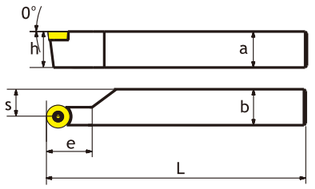


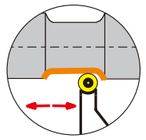
Type 型号		Stock 库存	a	b	L	h	s	Applicable Inserts 使用的刀片	Screw 刀片螺钉	Wrench 扳手	Shim 刀垫	Screw 刀垫螺钉	Wrench 刀垫扳手
SRGCR/L	2020K10		20	20	125	20	25	RC□T 10T3□□	L60M3.5×10	T15	–	–	–
	2525M10		25	25	150	25	32						
	2020K12		20	20	125	20	27	RC□T 1204□□	L60M3.5×12	T15	–	–	–
	2525M12		25	25	150	25	32						
	3232P12		32	32	170	32	32						
	2525M16		25	25	150	25	32	RC□T 1606□□	L60M4×16	T20	R16BS	SM0614	S4
	3232P16		32	32	170	32	40						
	3232P20		32	32	170	32	40	RCMX2006	L60M5×16–8.1	T20	R20BS	SM0814	S5
	4040S20		40	40	250	40	48						

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SRACR/L





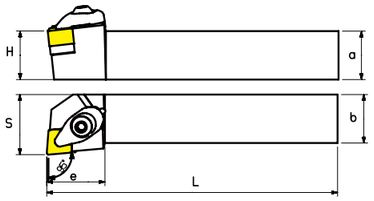


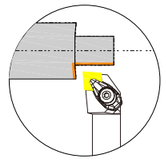
Type 型号		Dimension(mm) 基本尺寸						Applicable Inserts 使用的刀片	Screw 刀片螺钉	Wrench 扳手	Shim 刀垫	Screw 刀垫螺钉	Wrench 刀垫扳手
		Stock 库存	a	b	L	h	e						
SRACR/L	2020K06		20	20	125	20	15	RC□T 0602□□	L60M2.5×5	T08	–	–	–
	2525M06		25	25	150	25	23						
	2020K08		20	20	125	20	18	RC□T 0803□□	L60M3×7	T08	–	–	–
	2525M08		25	25	150	25	23						
	2020K10		20	20	125	20	20	RC□T 10T3□□	L60M3.5×10	T15	–	–	–
	2525M10		25	25	150	25	25						
	2020K12		20	20	125	20	28	RC□T 1204□□	L60M3.5×12	T15	–	–	–
	2525M12		25	25	150	25	28						
	3225P12		32	25	170	32	28						
	2525M16		25	25	150	25	35	RC□T 1606□□	L60M4×16	T15	R16BS	SM0614	S4
	3232P16		32	32	170	32	40						
	3232P20		32	32	170	32	40	RCMX2006	L60M5×16–8.1	T20	R20BS	SM0814	S5
	4040S20		40	40	250	40	55						

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CCLNR/L



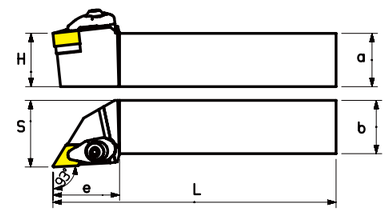


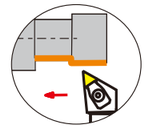


Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
		Stock 库存		a	b	L	h	s	e						
		R	L												
CCLNR/L	2020K12			20	20	125	20	26	32	CN □□ 1207□□	MC 1204	S4,S3	CCL2612	DM 0625	DSP 0612
	2525M12			25	25	150	25	31	31						
	2525M16			25	25	150	25	32	36	CN□□ 1606□□	MC 1604	S4	CCL2816	DM 0830	DSP 0812
	3225P16			32	25	170	32	32	36						

CDJNR/L





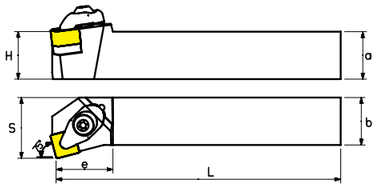


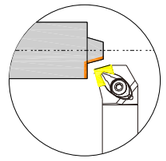
Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
		Stock 库存		a	b	L	h	s	e						
		R	L												
CDJNR/L	2525M15			25	25	150	25	32	40	DN □□ 1507□□	MD 1504	S4,S3	CCL2612	DM 0625	DSP 0612
	3225P15			32	25	170	32	32	40						

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CSKNR/L



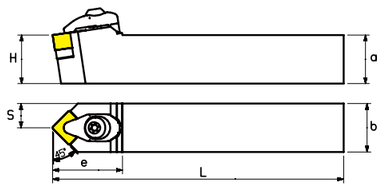


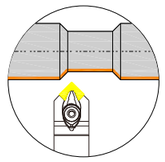


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
CSKNR/L	2020K12			20	20	125	20	26	28	SN □□ 1207□□	MS 1204	S4,S3	CCL2612	DM 0625	DSP 0612
	2525M12			25	25	150	25	32	30						
	3225P12			32	25	170	32	32	30						

CSDNN





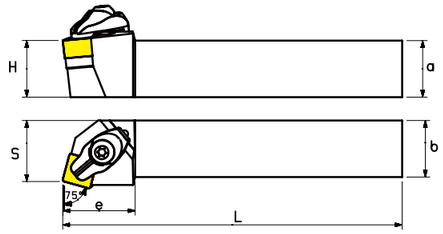


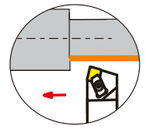
Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
CSDNN	2020K12			20	20	125	20	10	36	SN □□ 1207□□	MS 1204	S4,S3	CCL2612	DM 0625	DSP 0612
	2525M12			25	25	150	25	12.5	36						
	3225P12			32	25	170	32	12.5	36						

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CSRNR/L



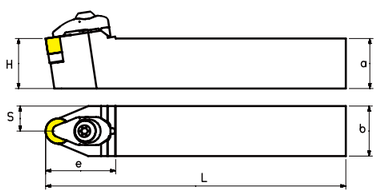


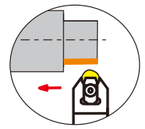


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
CSRNR/L	2020K12			20	20	125	20	22	32	SN □□ 1207□□	MS 1204	S4,S3	CCL2612	DM 0625	DSP 0612
	2525M12			25	25	150	25	27	32						
	3225P12			32	25	170	32	27	32						
	3225P15			32	25	170	32	32	40	SN □□ 1507□□	MS 1504	S4	CCL2816	DM 0830	DSP 0812
	4040R15			40	40	200	40	43	40						

CRDNN





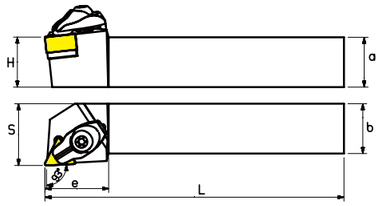


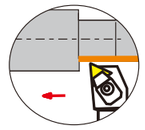
Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
CRDNN	2020K12			20	20	125	20	10	36	RN □□ 1207□□	MR1204	S3,S4	CCL2612	DM 0625	DSP 0612
	2525M12			25	25	150	25	12.5	36						
	3225P12			32	25	170	32	12.5	36						

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CTJNR/L



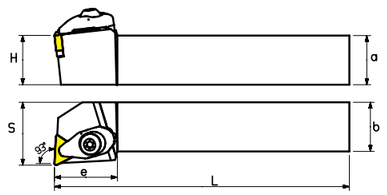


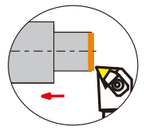


Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
		Stock 库存		a	b	L	h	s	e						
		R	L												
CTJNR/L	2020K16			20	20	125	20	26	32	TN □□ 1607□□	MT 1603	S4,S3	CCL2612	DM 0625	DSP 0510
	2525M16			25	25	150	25	31	32						

CTUNR/L



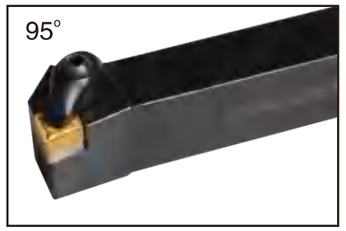


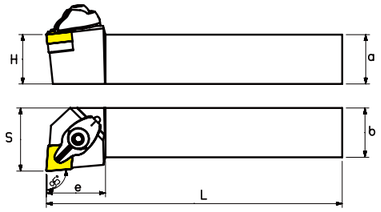


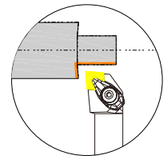
Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
		Stock 库存		a	b	L	h	s	e						
		R	L												
CTUNR/L	2020K16			20	20	125	20	25	32	TN □□ 1607□□	MT 1603	S4,S3	CCL2612	DM 0625	DSP 0510
	2525M16			25	25	150	25	32	32						

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DCLNR/L



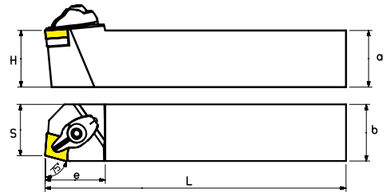


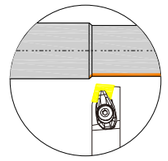


Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
		Stock 库存		a	b	L	h	s	e						
		R	L												
DCLNR/L	2020K12			20	20	125	20	27	32	CN □□ 1204□□	MC 1204	S4 , S3	DCL2612	DM 0625	DSP 0612
	2525M12			25	25	150	25	32	30						
	3232P12			32	32	170	32	39	30						
	2525M16			25	25	150	25	32	36	CN □□1604□□	DC 16635	T20, S4	DLM 5	DM 0625	L60 M5X12
	3232P16			32	32	170	32	40	36						
	3232P19			32	32	170	32	40	40	CN □□1906□□	MC 1904	S6, S4	DCL1934 (机加)	M8X30	DSP 0814
	4040R19			40	40	200	40	50	40						

DCBNR/L





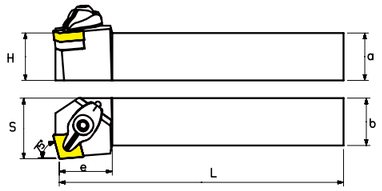


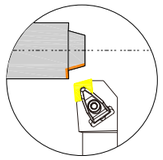
Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
		Stock 库存		a	b	L	h	s	e						
		R	L												
DCBNR/L	2020K12			20	20	125	20	17	32	CN □□ 1204□□	MC 1204	S4 , S3	DCL2612	DM 0625	DSP 0612
	2525M12			25	25	150	25	22	30						
	3232P12			32	32	170	32	29	30						
	2525M16			25	25	150	25	23	36	CN □□1604□□	DC 16635	T20, S4	DLM 5	DM 0625	L60 M5X12
	3232P16			32	32	170	32	29	36						
	3232P19			32	32	170	32	28	40	CN □□1906□□	MC 1904	S6, S4	DCL1934 (机加)	M8X30	DSP 0814
	4040R19			40	40	200	40	36	40						

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DCKNR/L



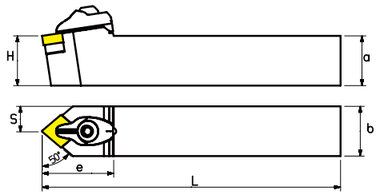


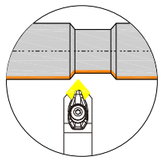


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
DCKNR/L	2020K12			20	20	125	20	26	28	CN □□ 1204□□	MC 1204	S3、S4	DCL2612	DM 0625	DSP 0612
	2525M12			25	25	150	25	32	28						
	3232P12			32	32	170	32	39	28						

DCMNN





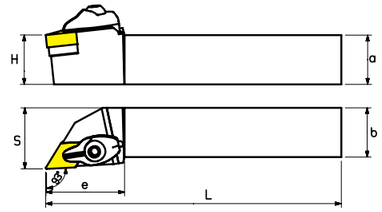


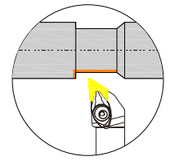
Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
DCMNN	2020K12			20	20	125	20	10	36	CN □□ 1204□□	MC 1204	S3、S4	DCL2612	DM 0625	DSP 0612
	2525M12			25	25	150	25	12.5	36						
	3232P12			32	32	170	32	16	36						

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DDJNR/L



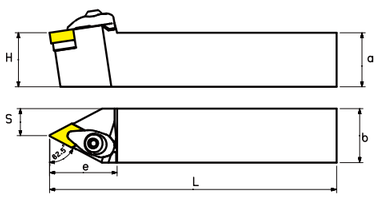


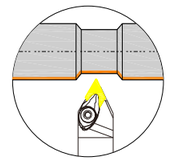


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
DDJNR/L	2020K11			20	20	125	20	25	32	DN □□ 1104□□	MD 1103	S3	DCL2211	DM 0520	DSP 0510
	2525M11			25	25	150	25	30	32						
	2020K1504			20	20	125	20	25	40	DN□□ 1504□□	MD 1504	S4 , S3	DCL2612	DM 0625	DSP 0612
	2525M1504			25	25	150	25	31	40						
	3232P1504			32	32	170	32	39	40						
	2020K1506			20	20	125	20	25	40	DN□□ 1506□□					
	2525M1506			25	25	150	25	31	40						
	3232P1506			32	32	170	32	39	40						

DDPNN





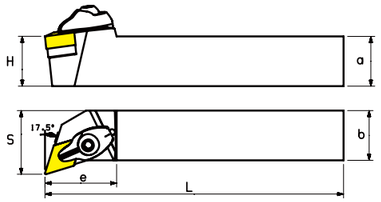


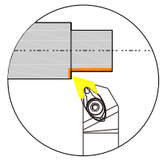
Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
DDPNN	2020K11			20	20	125	20	10	32	DN □□ 1104□□	MD 1103	S3	DCL2211	DM 0520	DSP 0510
	2525M11			25	25	150	25	12.5	36						
	2020K1504			20	20	125	20	10	36	DN□□ 1504□□	MD 1504	S4 , S3	DCL2612	DM 0625	DSP 0612
	2525M1504			25	25	150	25	12.5	36						
	3232P1504			32	32	170	32	16	36						
	2020K1506			20	20	125	20	10	36	DN□□ 1506□□					
	2525M1506			25	25	150	25	12.5	36						
	3232P1506			32	32	170	32	16	36						

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DDQNR/L

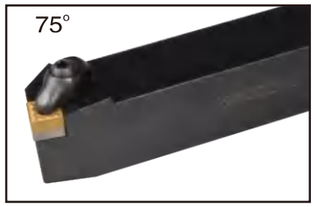


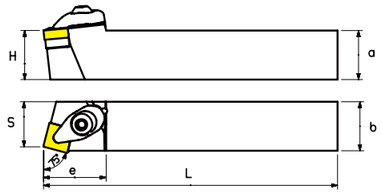


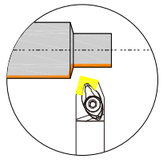


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
DDQNR/L	2020K11			20	20	125	20	25	28	DN □□ 1104□□	MD 1103	S3	DCL2211	DM 0520	DSP 0510
	2525M11			25	25	150	25	31	28						
	2020K1504			20	20	125	20	26	36	DN□□ 1504□□	MD 1504	S4 , S3	DCL2612	DM 0625	DSP 0612
	2525M1504			25	25	150	25	32	36						
	3232P1504			32	32	170	32	38	36						
	2020K1506			20	20	125	20	26	36	DN□□ 1506□□					
	2525M1506			25	25	150	25	32	36						
	3232P1506			32	32	170	32	38	36						

DSBNR/L





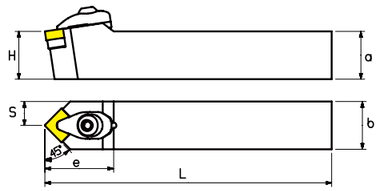


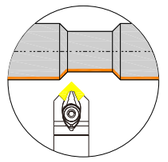
Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
DSBNR/L	2020K12			20	20	125	20	18	34	SN □□ 1204□□	MS 1204	S3,S4	DCL 2612	DM 0625	DSP 0612
	2525M12			25	25	150	25	23	32						
	3232P12			32	32	170	32	30	33						
	2525M15			25	25	150	25	21	40	SN □□1506 □□	DS 15635	T20, S4	DLM 5	DM 0625	L60 M5X12
	3232P15			32	32	170	32	28	40						
	3232P19			32	32	170	32	28	40	SN □□ 1906□□	MS 1904	S6, S4	DCL1934 (机加)	M8X30	DSP 0814
	4040R19			40	40	200	40	36	40						

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DSDNN



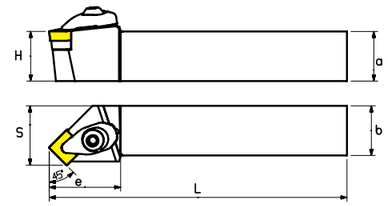


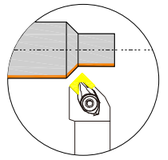


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
DSDNN	2020K12			20	20	125	20	10	36	SN □□ 1204□□	MS 1204	S3,S4	DCL 2612	DM 0625	DSP 0612
	2525M12			25	25	150	25	12.5	36						
	3232P12			32	32	170	32	12.5	36						
	2525M15			25	25	150	25	12.5	40	SN □□1506 □□	DS 15635	T20, S4	DLM 5	DM 0625	L60 M5X12
	3232P15			32	32	170	32	16	40						
	3232P19			32	32	170	32	16	48	SN □□ 1906□□	MS 1904	S6, S4	DCL1934 (机加)	M8X30	DSP 0814
	4040R19			40	40	200	40	20	48						

DSSNR/L



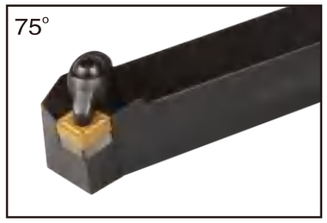


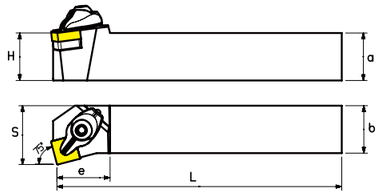


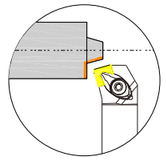
Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
DSSNR/L	2020K12			20	20	125	20	25	36	SN □□ 1204□□	MS 1204	S3,S4	DCL 2612	DM 0625	DSP 0612
	2525M12			25	25	150	25	30	35						
	3232P12			32	32	170	32	38	35						
	2525M15			25	25	150	25	32	40	SN □□1506 □□	DS 15635	T20, S4	DLM 5	DM 0625	L60 M5X12
	3232P15			32	32	170	32	40	40						
	3232P19			32	32	170	32	45	48	SN □□ 1906□□	MS 1904	S6, S4	DCL1934 (机加)	M8X30	DSP 0814
	4040R19			40	40	200	40	43	48						

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DSKNR/L

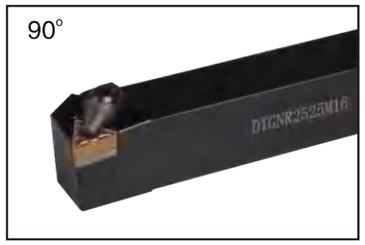


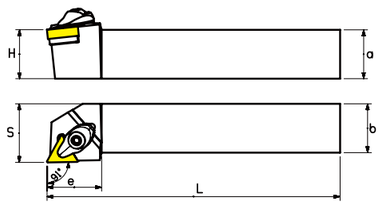


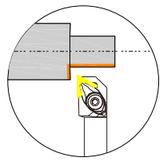


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
DSKNR/L	2020K12			20	20	125	20	26	28	SN □□ 1204□□	MS 1204	S3,S4	DCL 2612	DM 0625	DSP 0612
	2525M12			25	25	150	25	36	28						
	3232P12			32	32	170	32	38	32						

DTGNR/L



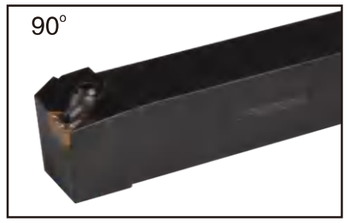


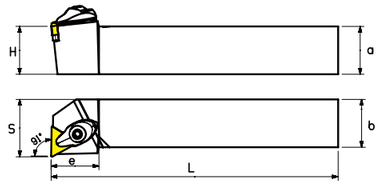


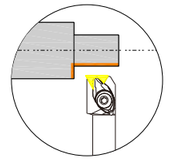
Type 型号		Stock 库存		a	b	L	h	s	e	Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
DTGNR/L	2020K16			20	20	125	20	24	28	TN □□ 1604□□	MT 1603	S3	DCL 2211	DM 0520	DSP 0510
	2525M16			25	25	150	25	30	28						
	3225P16			32	25	170	32	30	28						
	3232P16			32	32	170	32	38	32						

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

DTFNR/L



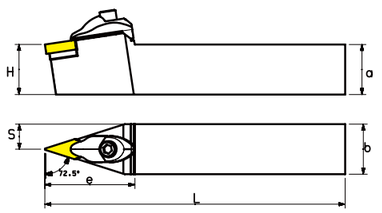


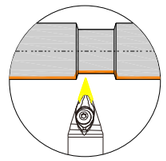


Type 型号		Stock 库存		a	b	L	h	s	e	Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
DTFNR/L	2020K16	●	●	20	20	125	20	25	28	TN □□ 1604□□	MT 1603	S3	DCL 2211	DM 0520	DSP 0510
	2525M16	●	●	25	25	150	25	30	26						
	3225P16	●	●	32	25	170	32	30	26						
	3232P16	●	●	32	32	170	32	38	26						

DVVNN



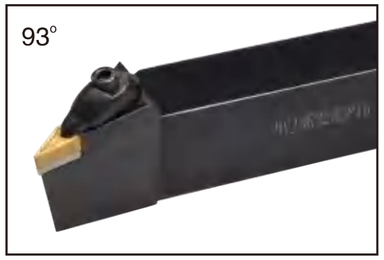


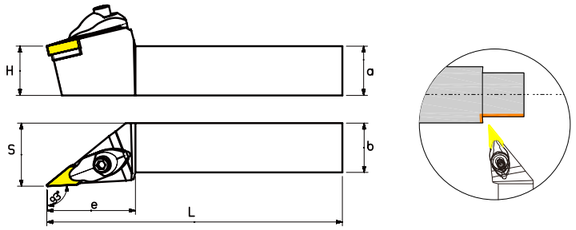


Type 型号		Stock 库存		a	b	L	h	s	e	Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
DVVNN	2020K16			20	20	125	20	10	45	VN □□ 1604□□	MV 1603	S3	DCL 3113	M5X25 (内六角)	DSP 0510
	2525M16			25	25	150	25	12.5	45						
	3225P16			32	25	170	32	12.5	45						
	3232P16			32	32	170	32	16	45						

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DVJNR/L

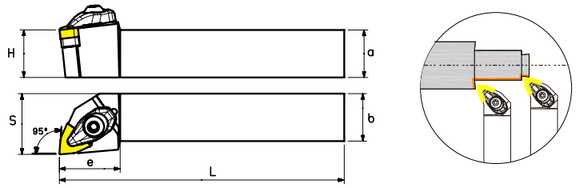




Type 型号		Stock 库存		Dimension(mm) 基本尺寸 a	b	L	h	s	e	Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
DVJNR/L	2020K16			20	20	125	20	26	45	VN □□ 1604□□	MV 1603	S3,S4	DCL 3113	M5X25 (内六角)	DSP 0510
	2525M16			25	25	150	25	32	45						
	3225P16			32	25	170	32	32	45						
	3232P16			32	32	170	32	40	45						

DWLNR/L

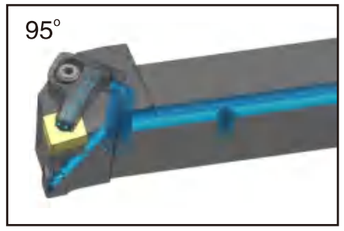


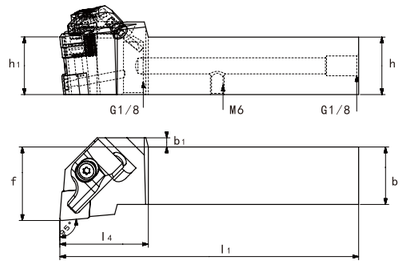


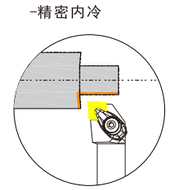
Type 型号		Stock 库存		Dimension(mm) 基本尺寸 a	b	L	h	s	e	Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
DWLNR/L	2020K08			20	20	125	20	25	32	WN □□ 0804□□	MW 0804	S4 S3	DCL 2612	DM 0625	DSP 0612
	2525M08			25	25	150	25	32	31						
	3225P08			32	25	170	32	32	31						
	3232P08			32	32	170	32	39	31						
	2020K06			20	20	125	20	25	25	WN □□ 0603□□	MW 0603	S3	DCL 2211	DM 0520	DSP 0510
	2525M06			25	25	150	25	30	25						

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DCLNR/L-P

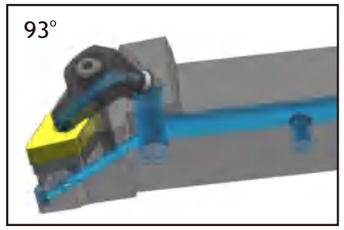


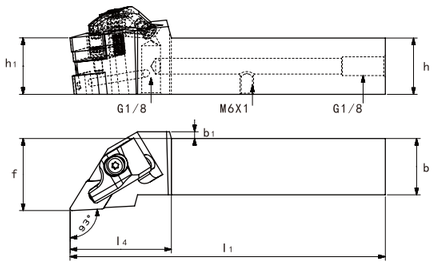


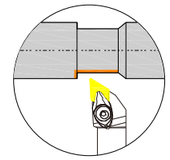


Type 型号		Dimension(mm) 基本尺寸 h=h1	b	b1	f	L1	L4	Applicable Inserts 使用的刀片	Shim 刀垫	Clamp 压板	Clamp screw 压板螺丝	screw 刀垫螺钉	弹簧	Wrench 扳手	螺纹塞
DCLNR/L	2020X12-P	20	20	10	25	115	38.5	CN □□ 1204□□	DC12476	PK265R/L	5412-M525	L60 M4X8-B	Φ7	T15	G1/8
	2525X12-P	25	25	4	32	130	38.5								
	2525X16-P	25	25	12	32	135	43.5	CN □□ 1604□□	DC16635	PK267	5412-M625	L60 M5X12	Φ8	S4/T20	
	3232X16-P	32	32	6	40	147	43.5								

DDJNR/L-P



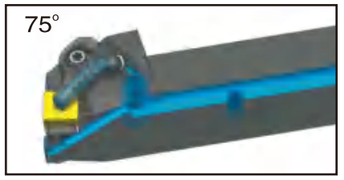


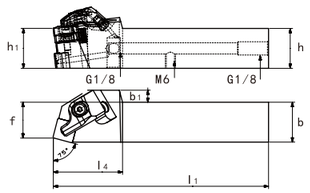


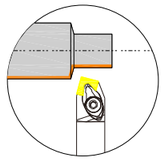
Type 型号		Dimension(mm) 基本尺寸 h=h1	b	b1	f	L1	L4	Applicable Inserts 使用的刀片	Shim 刀垫	Clamp 压板	Clamp screw 压板螺丝	screw 刀垫螺钉	弹簧	Wrench 扳手	螺纹塞
DDJNR/L	2020X15-P	20	20	7	25	125	45	DN□□ 1506□□	DD15476	PK265R/L	5412-M525	L60 M4X8-B	Φ7	T15	G1/8
	2525X15-P	25	25	3	32	140	45								

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DSBNR/L-P



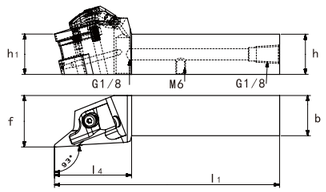


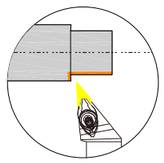


Type 型号		Dimension(mm) 基本尺寸						Applicable Inserts 使用的刀片	Shim 刀垫	Clamp 压板	Clamp screw 压板螺丝	screw 刀垫螺钉	弹簧	Wrench 扳手	螺纹塞
		h=h1	b	b1	f	L1	L4								
DSBNR/L	2525X12-P	25	25	7	22	135	43.5	SN □□ 1204□□	DS12476	PK265R/L	5412-M525	L60 M4X8-B	φ7	T15	G1/8

DVJNR/L-P



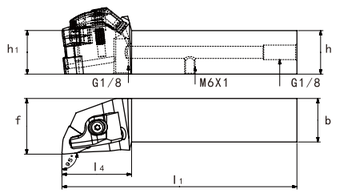


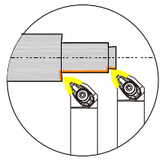


Type 型号		Dimension(mm) 基本尺寸						Applicable Inserts 使用的刀片	Shim 刀垫	Clamp 压板	Clamp screw 压板螺丝	screw 刀垫螺钉	弹簧	Wrench 扳手	螺纹塞
		h=h1	b	b1	f	L1	L4								
DVJNR/L	2020X16-P	20	20	4	25	125	48.5	VN □□ 1604□□	DV16320	PK261R/L	5412-M525	L60 M4X8-B	φ7	T15	G1/8
	2525X16-P	25	25	0	32	140	48								

DWLNR/L-P

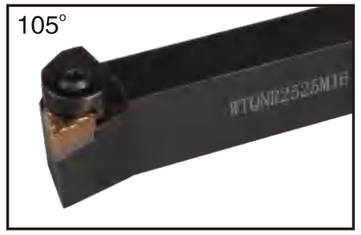


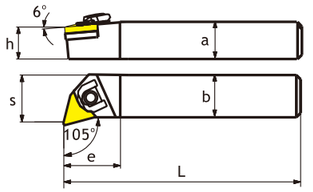




Type 型号		Dimension(mm) 基本尺寸						Applicable Inserts 使用的刀片	Shim 刀垫	Clamp 压板	Clamp screw 压板螺丝	screw 刀垫螺钉	弹簧	Wrench 扳手	螺纹塞
		h=h1	b	b1	f	L1	L4								
DWLNR/L	2020X08-P	20	20	0	25	120	40	WN □□ 0804□□	DW08476	PK266R/L	5412-M525	L60 M4X8-B	φ7	T15	G1/8
	2525X08-P	25	25	0	32	135	40								

WTQNR/L

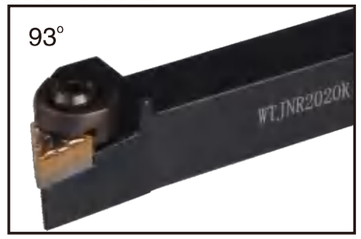


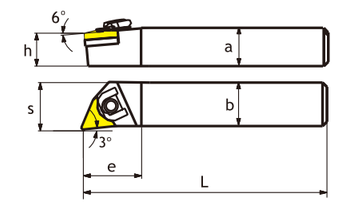




Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Clamping screw 螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 中心柱
		Stock 库存		a	b	L	h	s	e						
		R	L												
WTQNR/L	2020K16			20	20	125	20	30	27	TN□□ 1604□□	WM0525	MT 1603	S2.5 S4	WTL16	SZ 0515
	2525M16			25	25	150	25	35	27						
	3232P16			32	32	170	32	45	32						
	2525M22			25	25	150	25	38	36	TN□□ 2204 □□		MT 2204	S3,S4	WTL 22	SZ 0618
	3232P22			32	32	170	32	45	36						

WTJNR/L



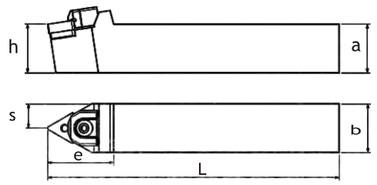


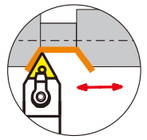


Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Clamping screw 螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 中心柱
		Stock 库存		a	b	L	h	s	e						
		R	L												
WTJNR/L	1316H16			13	16	100	31	20	20	TN□□ 1604□□	WM0525	MT 1603	S2.5 S4	WTL16	SZ 0515
	1616H16			16	16	100	31	22	32						
	2020K16			20	20	125	31	25	32						
	2525M16			25	25	150	31	32	32						
	3232P16			32	32	170	31	39	36						
	2525M22			25	25	150	25	32	38	TN□□ 2204 □□		MT 2204	S3,S4	WTL 22	SZ 0618
	3232P22			32	32	170	32	39	38						

WTENN



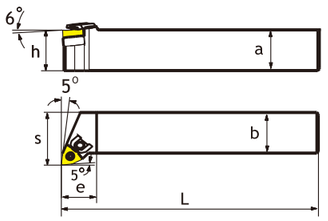




Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Clamping screw 螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 中心柱
				Dimension(mm) 基本尺寸											
WTENN	2020K16			20	20	125	20	10	34	TN□□ 1604□□	WM0525	MT 1603	S2.5 S4	WTL16	SZ 0515
	2525M16			25	25	150	25	12.5	33						
	3232P16			32	32	170	32	16	33						
	2525M22			25	25	150	25	12.5	33	TN□□ 2204 □□		MT 2204	S3,S4	WTL22	SZ 0618
	3232P22			32	32	170	32	16	33						

WWLNR/L





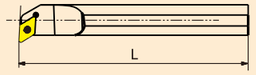


Type 型号		Stock 库存 R	Stock 库存 L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Clamping screw 螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 中心柱
				Dimension(mm) 基本尺寸											
WWLNR/L	2020K08			20	20	125	25	27	32	WN□□ 0804□□	WM0525	MW 0804	S3 S4	WWL08	SZ 0618
	2525M08			25	25	150	32	32	32						
	3232P08			32	32	170	40	38	32						

★电话查询库存

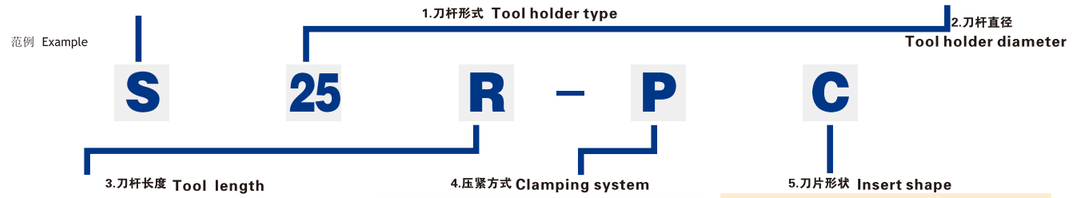
了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

记号 Symbol	A	E	C	S	X
刀杆类型 Type of shank	钢杆+油冷却孔 Steel Shank+ Oil Cooling Hole	硬质合金杆+油冷却孔 Carbide Shank+ Oil Cooling Hole	硬质合金杆 Carbide Shank	钢杆 Steel Shank	使用特殊刀片 Special Insert Application

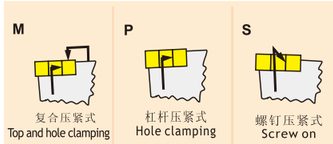


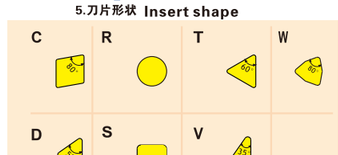


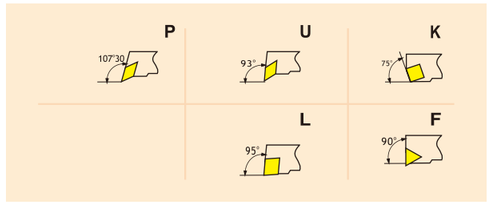
范例 Example

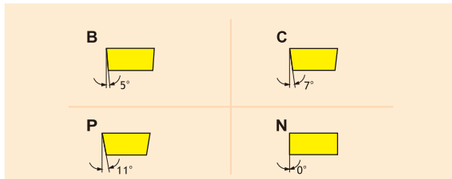


100	125	150	160	180	200	250	300	350	400
H	K	M	N	Q	R	S	T	U	V

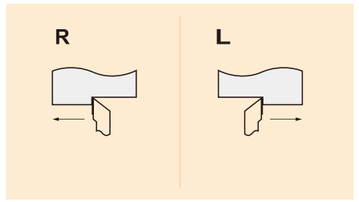


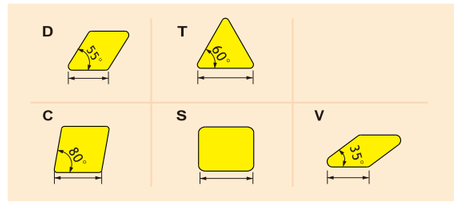










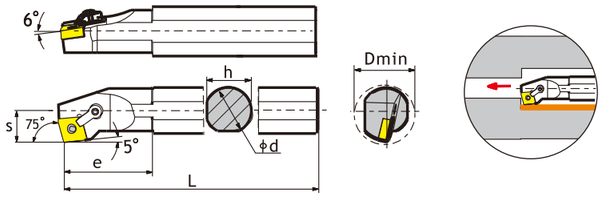


制造商
命名选项

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MCKNR/L

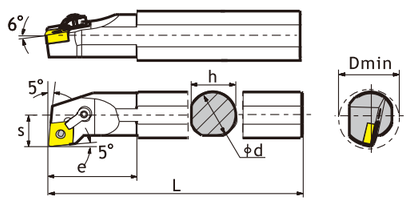




Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
	Stock 库存		Dmin	Φd	h	L	s	e						
	R	L												
S20Q–MCKNR/L12			26	20	18	180	14	35	CN□□ 1204□□	X	MSP 613	MCL1810	WS 061020	S2.5,S3
S25R–MCKNR/L12			32	25	23	200	16.5	35						
S32S–MCKNR/L12			40	32	30	250	22	50		MC 1204	MSP617	MCL1814	WS 061025	S3
S40T–MCKNR/L12			50	40	38	300	26	55						
S50U–MCKNR/L12			60	50	48	350	30	60						

MCLNR/L



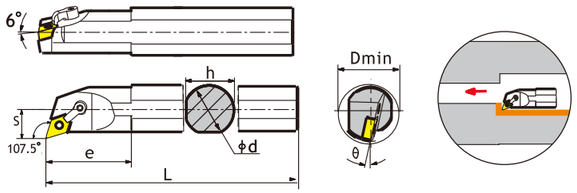


Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
	Stock 库存		Dmin	Φd	h	L	s	e						
	R	L												
S20Q–MCLNR/L12			26	20	18	180	13	40	CN □□ 1204□□	X	MSP 613	MCL1810	WS 061020	S2.5,S3
S25R–MCLNR/L12			32	25	23	200	16	40						
S32S–MCLNR/L12			40	32	30	250	20	50		MC 1204	MSP617	MCL1814	WS 061025	S3
S40T–MCLNR/L12			50	40	37	300	26	55						
S50U–MCLNR/L12			60	50	46	350	31	70						

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MDQNR/L

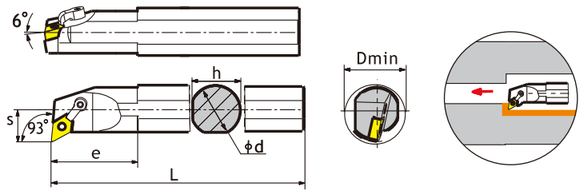




Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
	Stock 库存		Dmin	Φd	h	L	s	e						
	R	L												
S20Q–MDQNR/L1504			26	20	18	180	13	40	DN□□ 1504□□	X	MSP613	MCL1810	WS 061020	S2.5,S3
S25R–MDQNR/L1504			32	25	23	200	17	45				MCL2114	WS061025	S3
S32S–MDQNR/L1504			40	32	30	250	20	55		MD1504	MSP617			
S40T–MDQNR/L1504			50	40	38	300	24	55						
S32S–MDQNR/L1506			40	32	30	250	20	55	DN□□ 1506□□		MSP619			
S40T–MDQNR/L1506			50	40	38	300	24	55						

MDUNR/L

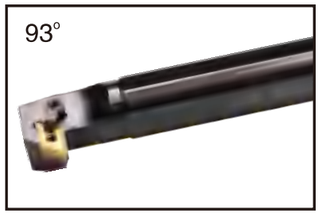


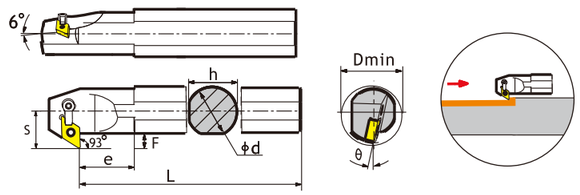


Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
	Stock 库存		Dmin	Φd	h	L	s	e						
	R	L												
S20Q–MDUNR/L1504			28	20	18	180	17	40	DN□□ 1504□□	X	MSP613	MCL1810	WS 061020	S2.5,S3
S25R–MDUNR/L1504			32	25	24	200	19	40				MCL1814		
S32S–MDUNR/L1504			40	32	30	250	22	45		MD1504	MSP617	MCL2114	WS061025	S3
S40T–MDUNR/L1504			50	40	37	300	26	55						
S32S–MDUNR/L1506			40	32	30	250	22	45	DN□□ 1506□□		MSP619			
S40T–MDUNR/L1506			50	40	37	300	26	55						

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MDZNR/L

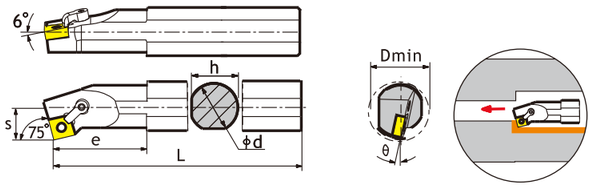




Type 型号	Stock 库存 R	Stock 库存 L	Dmin	ϕd	h	L	s	e	F	Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
S25R–MDZNR/L1504			36	25	23	200	22	35	11	DN□□ 1504□□	X	MSP613	MCL1814	WS061025	S2.5,S3
S32S–MDZNR/L1504			43	32	30	250	26	40	12		MD1504	MSP617			S3
S40T–MDZNR/L1504			50	40	37	300	29	50	11.5						
S32S–MDZNR/L1506			43	32	30	250	26	40	12	DN□□ 1506□□		MSP619			
S40T–MDZNR/L1506			50	40	37	300	29	50	11.5						

MSKNR/L



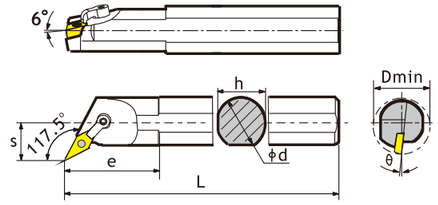


Type 型号	Stock 库存 R	Stock 库存 L	Dmin	ϕd	h	L	s	θ°	e	Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
S20Q–MSKNR/L12			26	20	18	180	13	15°	31	SN□□ 1204□□	X	MSP613	MCL1810	WS061020	S2.5,S3
S25R–MSKNR/L12			32	25	23	200	17	12°	35		MS 1204	MSP617	MCL1814	WS061025	
S32S–MSKNR/L12			40	32	30	250	22	17°	40						
S40T–MSKNR/L12			50	40	37	300	27	15°	50						

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MVQNR/L

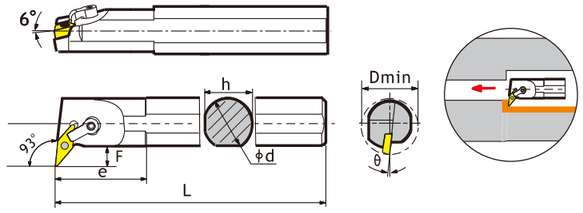




Type 型号	Stock 库存 R	Stock 库存 L	Dmin	ϕd	h	L	s	θ°	e	Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
S25R–MVQNR/L16			32	25	23	200	17	12°	40	VN□□ 1604□□	X	MSP510	MCL1814	WS061025	S2,S3
S32S–MVQNR/L16			42	32	30	250	22	17°	40		MV 1603	MSP513	MCL2414		
S40T–MVQNR/L16			50	40	37	300	27	15°	50						

MVUNR/L



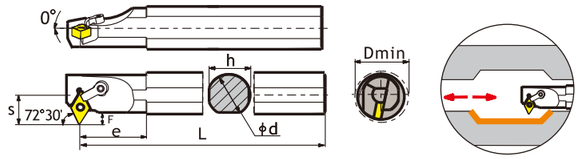


Type 型号	Stock 库存 R	Stock 库存 L	Dmin	ϕd	h	L	s	e	F	Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
S25R–MVUNR/L16			36	25	23	200	20	40	8	VN□□ 1604□□	X	MSP510	MCL1814	WS061025	S2,S3
S32S–MVUNR/L16			42	32	30	250	23	40	8		MV 1603	MSP513			
S40T–MVUNR/L16			50	40	37	300	27	55	10						

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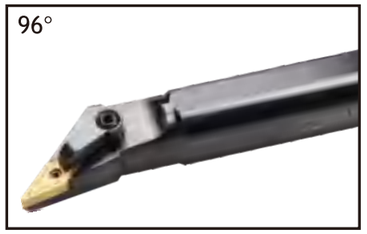
MVWNR/L

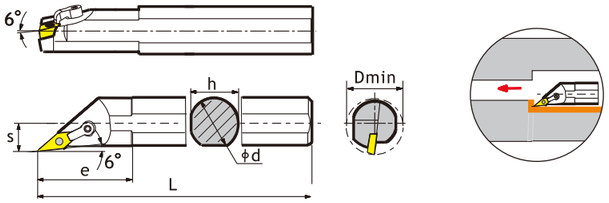




Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
	Stock 库存		Dmin	Φd	h	L	s	e	F						
	R	L													
S25R–MVWNR/L16			36	25	23	200	22	35	10	VN□□ 1604□□	X	MSP510	MCL1814	WS061025	S2,S3
S32S–MVWNR/L16			48	32	30	250	25	40	10		MV 1603	MSP513			
S40T–MVWNR/L16			56	40	37	300	29	45	11						

MVXNR/L



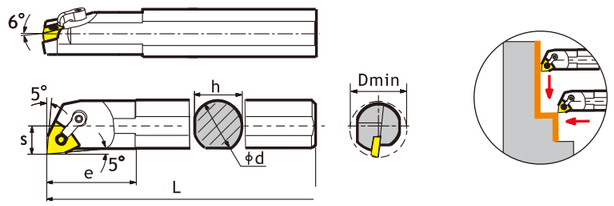


Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
	Stock 库存		Dmin	Φd	h	L	s	e						
	R	L												
S25R–MVXNR/L16			32	25	23	200	17	55	VN□□ 1604□□	X	MSP510	MCL2414	WS061025	S2,S3
S32S–MVXNR/L16			42	32	30	250	21	60		MV 1603	MSP513			
S40T–MVXNR/L16			50	40	38	300	25	68						

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MWLNR/L

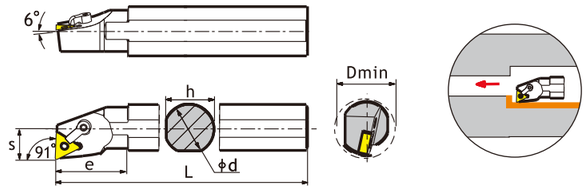




Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
	Stock 库存		Dmin	Φd	h	L	s	e						
	R	L												
S20Q-MWLNR/L08			25	20	18	180	14.5	36	WN□□ 0804□□	X	MSP613	MCL1810	WS061020	S2.5,S3
S25R-MWLNR/L08			32	25	23	200	17	40						
S32S-MWLNR/L08			41	32	30	250	22	50		MW 0804	MSP617	MCL1814	WS061025	S3
S40T-MWLNR/L08			50	40	37	300	27	55						

MTFNR/L



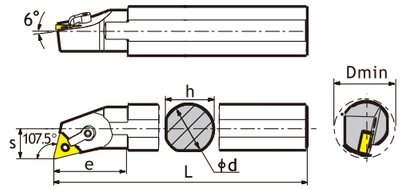


Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
	Stock 库存		Dmin	Φd	h	L	s	e						
	R	L												
S20Q-MTFNR/L16			25	20	18	180	13	35	TN□□ 1604□□	X	MSP510	MCL1810	WS061020	S2,S3
S25R-MTFNR/L16			32	25	23	200	16	40						
S32S-MTFNR/L16			40	32	30	250	20	45		MT 1603	MSP513	MCL1814	WS061025	
S40T-MTFNR/L16			50	40	37	300	25	50						

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MTQNR/L



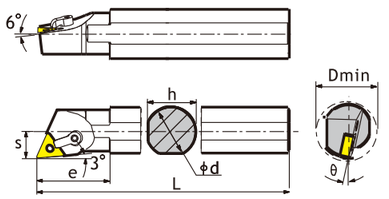




Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
	Stock 库存		Dmin	ϕd	h	L	s	e						
	R	L												
S20Q–MTQNR/L16			25	20	18	180	14	35	TN□□ 1604□□	X	MSP510	MCL1810	WS061020	S2,S3
S25R–MTQNR/L16			32	25	23	200	18	35						
S32S–MTQNR/L16			40	32	30	250	21	40		MT 1603	MSP513	MCL1814	WS061025	
S40T–MTQNR/L16			50	40	37	300	25	50						

MTJNR/L





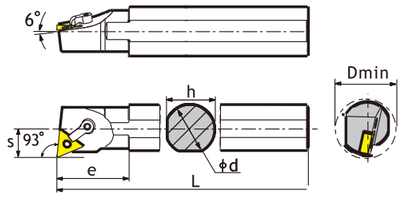


Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
	Stock 库存		Dmin	ϕd	h	L	s	e						
	R	L												
S25R-MTJNR/L16			32	25	23	200	15	40	TN□□ 1604□□	X	MSP510	MCL1814	WS061025	S2,S3
S32S-MTJNR/L16			40	32	30	250	18	45		MT 1603	MSP513			
S40T-MTJNR/L16			50	40	37	300	24	55						

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MTUNR/L



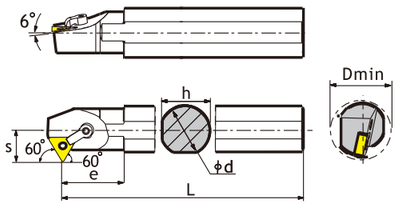




Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
	Stock 库存		Dmin	ϕd	h	L	s	e						
	R	L												
S20Q–MTUNR/L16			25	20	18	180	13	31	TN□□ 1604□□	X	MSP510	MCL1810	WS061020	S2,S3
S25R–MTUNR/L16			32	25	23	200	17	35						
S32S–MTUNR/L16			40	32	30	250	22	40		MT 1603	MSP513	MCL1814	WS061025	
S40T–MTUNR/L16			50	40	37	300	23	50						

MTWNR/L





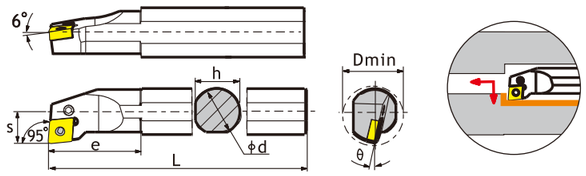


Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
	Stock 库存		Dmin	ϕd	h	L	s	e						
	R	L												
S20Q-MTWNR/L16			27	20	18	180	15	31	TN□□ 1604□□	X	MSP510	MCL1810	WS061020	S2,S3
S25R-MTWNR/L16			32	25	23	200	17	35						
S32S-MTWNR/L16			40	32	30	250	22	42		MT 1603	MSP513	MCL1814	WS061025	
S40T-MTWNR/L16			50	40	38	300	27	50						

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PCLNR/L

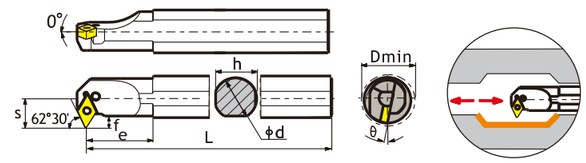




Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手	Lever 杠杆	Shim 刀垫	Shim pin 垫档
	Stock 库存		Dmin	ϕd	h	L	s	θ°	e						
	R	L													
S16Q–PCLNR/L09			20	16	15	180	10	–12°	30	CN□□ 0903□□	VHX0509	S2	LV3C	–	–
S20Q–PCLNR/L09			25	20	18	180	12	–11°	30						
S25R–PCLNR/L09			32	25	23	200	15	–10°	35						
S20Q–PCLNR/L12			25	20	18	180	13	–11°	35	CN□□ 1204□□	VHX0613	S2.5	LV4A	–	–
S25R–PCLNR/L12			32	25	23	200	15	12°	40						
S32S–PCLNR/L12			44	32	30	250	22	–10°	50		VHX0821	S3	LV4	PC12318	SP4
S40T–PCLNR/L12			54	40	37	300	24	–10°	55						
S50U–PCLNR/L12			63	50	47	350	27	–10°	58						
S50U–PCLNR/L19			63	50	47	350	32	–10°	70	CN□□ 1906□□	VHX1027	S4	LV6	PC19476	SP6

PDSNR/L

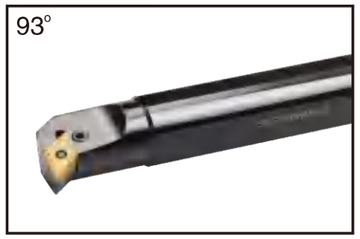


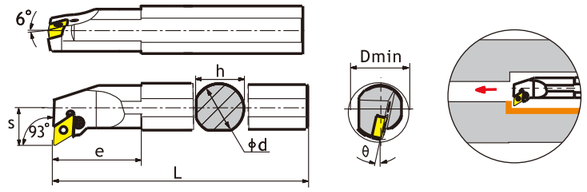


Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手	Lever 杠杆	Shim 刀垫	Shim pin 垫档
	Stock 库存		Dmin	ϕd	h	L	s	e	f						
	R	L													
S32S–PDSNR/L15			40	32	30	250	23.5	45	9	DN□□ 1506□□	VHX0825	S3	LV4B	PD15318	SP4
S40T–PDSNR/L15			50	40	37	300	28.5	43	11						
S32S–PDSNR/L15–3			40	32	30	250	23.5	45	9	DN□□ 1504□□	VHX0821	S3	LV4	PD15318	SP4
S40T–PDSNR/L15–3			50	40	37	300	28.5	43	11						

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PDUNR/L

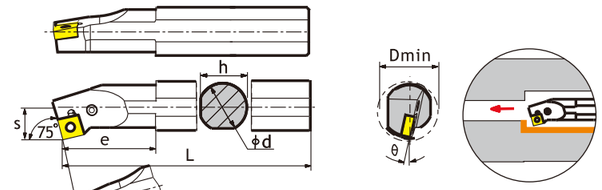




Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手	Lever 杠杆	Shim 刀垫	Shim pin 垫档
	Stock 库存		Dmin	ϕd	h	L	s	θ°	e						
	R	L													
S20Q–PDUNR/L 11			25	20	18	180	13	–16°	30	DN□□ 1104□□	VHX0512	S2	LV3D	–	–
S25R–PDUNR/L 11			32	25	23	200	17	–13°	35						
S32S–PDUNR/L 11			40	32	30	250	22	–16°	40		VHX0617	S2.5	LV3	PD11270	SP3
S32S–PDUNR/L 15			40	32	30	250	22	–16°	50	DN□□ 1506□□	VHX0825	S3	LV4B	PD15318	SP4
S40T–PDUNR/L 15			50	40	37	300	27	–11°	50						
S32S–PDUNR/L 15–3			40	32	30	250	22	–16°	50	DN□□ 1504□□	VHX0821	S3	LV4	PD15318	SP4
S40T–PDUNR/L 15–3			50	40	37	300	27	–11°	50						

PSKNR/L



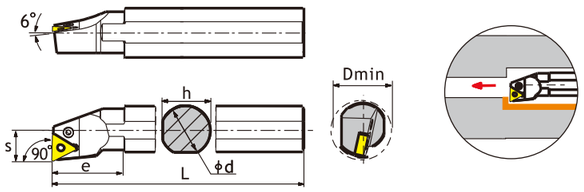


Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手	Lever 杠杆	Shim 刀垫	Shim pin 垫档
	Stock 库存		Dmin	ϕd	h	L	s	θ°	e						
	R	L													
S25R–PSKNR/L 12			32	25	23	200	17	–12°	42	SN□□ 1204□□	VHX0613	S2.5	LV4A	–	–
S32S–PSKNR/L 12			44	32	30	250	22	–10°	45		VHX0821	S3	LV4	PS12318	SP4
S40T–PSKNR/L 12			54	40	37	300	27	–10°	50						

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PTFNR/L

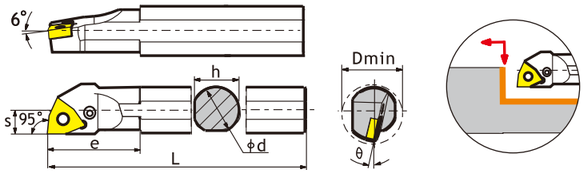




Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手	Lever 杠杆	Shim 刀垫	Shim pin 垫档
	Stock 库存		Dmin	ϕd	h	L	s	e							
	R	L													
S16Q–PTFNR/L 11			20	16	15	180	11	28		TN□□ 1103□□	VHX0509	S2	LV2	–	–
S20Q–PTFNR/L 11			25	20	18	180	13	31							
S25R–PTFNR/L 11			32	25	23	200	17	35							
S25R–PTFNR/L 16			32	25	23	200	17	42		TN□□ 1604□□	VHX0512	S2	LV3B	–	–
S32S–PTFNR/L 16			44	32	30	250	22	50			VHX0617	S2.5	LV3	PT16476	SP3
S40T–PTFNR/L 16			54	40	37	300	27	55							

PWLNR/L



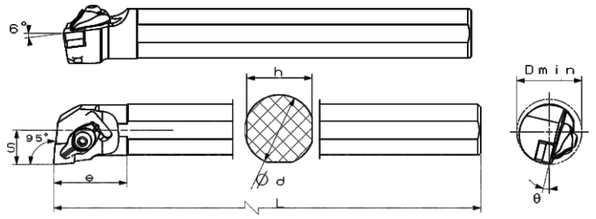


Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手	Lever 杠杆	Shim 刀垫	Shim pin 档垫
	Stock 库存		Dmin	ϕd	h	L	s	θ°	e						
	R	L													
S16Q–PWLNR/L06			20	16	15	180	11	–13°	25	WN□□ 0604□□	VHX0512	S2	LV3B	–	–
S20Q–PWLNR/L06			25	20	18	180	13	–13°	32						
S25R–PWLNR/L06			32	25	23	200	17	–13°	35						
S20Q–PWLNR/L08			25	20	18	180	13	–13°	32	WN□□ 0804□□	VHX0613	S2.5	LV4A	–	–
S25R–PWLNR/L08			32	25	23	200	17	–13°	45						
S32S–PWLNR/L08			40	32	30	250	22	–13°	50		VHX0821	S3	LV4	PW 08318	SP 4
S40T–PWLNR/L08			50	40	42	300	30	–13°	55						

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DCLNR/L

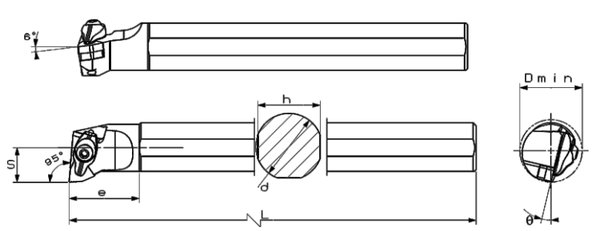




Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
	Stock 库存		Dmin	Φd	h	L	s	θ	e						
	R	L													
S25R-DCLNR/L 12-D			32	25	23	200	17	13	45	CN □□ 1204□□	MC1203	S3，T15	DML4	DM 0520	L60 M4*8.4
S32S-DCLNR/L 12			40	32	30	250	21	13	45		MC 1204	S4 , S3	DCL2612	DM 0625	DSP 0612
S40T-DCLNR/L 12			50	40	37	300	25	12	50						
S50U-DCLNR/L 12			60	50	47	350	32	12	55						

DWLNR/L



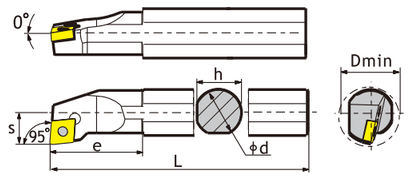


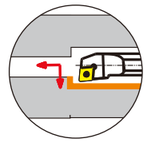
Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
	Stock 库存		Dmin	Φd	h	L	s	θ	e						
	R	L													
S25R-DWLNR/L 08-D			32	25	23	200	17	13	40	WN□□ 0804□□	MW 0803	S3，T15	DML4	DM 0520	L60 M4*8.4
S32S-DWLNR/L 08			40	32	30	250	22	13	45		MW 0804	S4 , S3	DCL2612	DM 0625	DSP 0612
S40T-DWLNR/L 08			50	40	37	300	24	12	50						
S50U-DWLNR/L 08			60	50	47	350	29	12	55						

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SCLCR/L



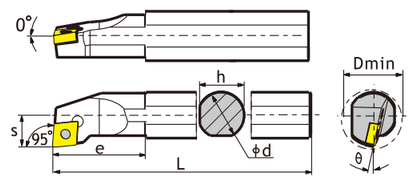


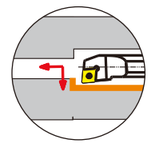


Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock库存		Dmin	Φd	h	L	s	e			
	R	L									
S07K–SCLCR/L 06			9	7	6	125	4.6	15	CC□T 0602□□	L60M2.5X5	T08
S08K–SCLCR/L 06			10	8	7	125	4.5	14			
S10K–SCLCR/L 06			12	10	9	125	6	17			
S12M–SCLCR/L 06			16	12	11	150	7	17			
S12M–SCLCR/L 09			16	12	11	150	8	25	CC□T 09T3□□	L60M4X8	T15
S16Q–SCLCR/L 09			20	16	15	180	9	27			
S20Q–SCLCR/L 09			25	20	18	180	11	28			
S25R–SCLCR/L 09			32	25	23	200	14	35			
S25R–SCLCR/L 12			32	25	23	200	17	38	CC□T 1204□□	L60M5X12	T20
S32S–SCLCR/L 12			36	32	30	250	18	45			
S40T–SCLCR/L 12			50	40	37	300	27	60			

SCLCR/L-H





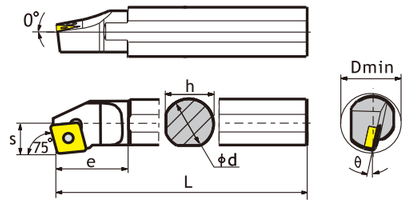


Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock库存		Dmin	Φd	h	L	s	θ°	e			
	R	L										
S08K-SCLCR/L 06H09			9	8	7	125	4.3	−15°	15	CC□T 0602□□	L60M2.5X5	T08
S10K-SCLCR/L 06H11			11	10	9	125	5.5	−13°	16			
S12M-SCLCR/L 06H13			13	12	11	150	6.5	−10°	17			
S16Q-SCLCR/L 09H17			17	16	15	180	8.5	−12°	27	CC□T 09T3□□	L60M4X8	T15

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SCKCR/L



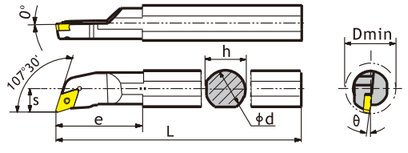


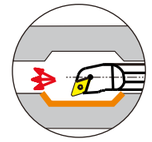


Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock库存		Dmin	Φd	h	L	s	θ°	e			
	R	L										
S08K-SCKCR/L06			10	8	7.5	125	5.5	13°	15	CC□ T 0602□□	L60M2.5X5	T08
S10K-SCKCR/L06			13	10	9	125	7	12°	15			
S12M-SCKCR/L06			16	12	11	150	8	10°	20			
S12M-SCKCR/L09			16	12	11	150	8	12°	20	CC□ T 09T3□□	L60M4X8	T15
S16Q-SCKCR/L09			20	16	15	160	10	10°	25			
S20Q-SCKCR/L09			24	20	19	180	13	8°	30			
S25R-SCKCR/L09			31	25	24	200	16	8°	35			

SDQCR/L





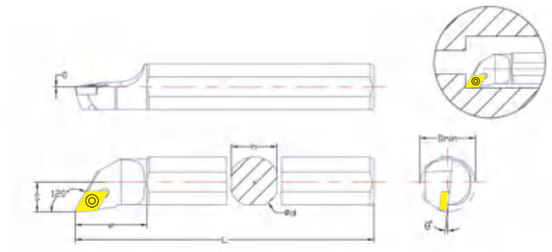


Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock库存		Dmin	Φd	h	L	s	θ°	e			
	R	L										
S08K-SDQCR/L07			10	8	7	125	6	−8°		DC□T 0702□□	L60M2.5X5	T08
S10K-SDQCR/L 07			13	10	9	125	7	−8°	20			
S12M-SDQCR/L 07			16	12	11	150	9	−8°	22			
S16Q-SDQCR/L 07			20	16	15	180	11	−6°	27			
S20Q-SDQCR/L 11			25	20	18	180	13	−6°	35	DC□T 11T3□□	L60M4X8	T15
S25R-SDQCR/L 11			32	25	23	200	17	−6°	38			

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SDXCR/L

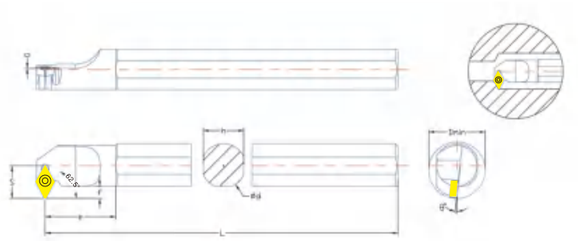




Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	ϕd	h	L	s	θ°	e			
	R	L										
S10K-SDXCR/L 07			13	10	9	125	7	−8°	18	DC□T 0702□□	L60M2.5X5	T08
S12M-SDXCR/L 07			16	12	11	150	8	−8°	20			
S16Q-SDXCR/L 07			20	16	15	180	10	−6°	25			
S20Q-SDXCR/L 11			25	20	18	180	13	−6°	33	DC□T 11T3□□	L60M4X8	T15
S25R-SDXCR/L 11			32	25	23	200	16	−6°	32			

SDWCR/L



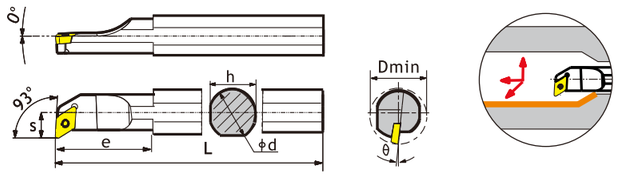


Type 型号	Dimension(mm) 基本尺寸										Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	ϕd	h	L	s	θ°	e	f			
	R	L											
S12M–SDWCR/L 07			19	12	11	125	11	−8°	15	5.5	DC□T 0702□□	L60M2.5X5	T08
S16Q–SDWCR/L 07			23	16	15	180	12. 5	−8°	15	5			
S20Q–SDWCR/L 07			27	20	19	180	14. 5	−8°	22	5.5			
S20Q–SDWCR/L 11			27	20	19	180	14. 5	−6°	25	6	DC□T 11T3□□	L60M4X8	T15
S25R–SDWCR/L 11			32	25	24	200	18	−6°	25	7			
S32S–SDWCR/L 11			40	32	30	250	21.5	−6°	40	6.5			

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SDUCR/L

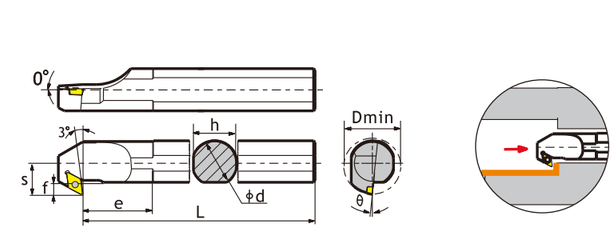




Type 型号	Dimension(mm) 基本尺寸										Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	ϕd	h	L	s	θ°	e	f			
	R	L											
S08K-SDUCR/L07			13	08	7.5	125	8	−8°		4	DC□ T0702□□	L60M2.5X5	T08
S10K-SDUCR/L 07			13	10	9	125	7.7	−8°		3			
S12M-SDUCR/L 07			16	12	11	150	8.5	−8°	22	3			
S16Q-SDUCR/L 07			20	16	15	180	11	−6°	27	3.5			
S20Q-SDUCR/L 11			25	20	18	180	14.5	−6°	30	5.5	DC□ T11T3□□	L60M4X8	T15
S25R-SDUCR/L 11			32	25	23	200	18.5	−6°	35	7			

SDZCR/L



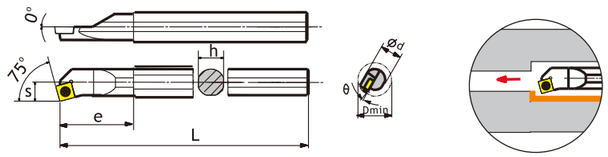


Type 型号	Dimension(mm) 基本尺寸										Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	ϕd	h	L	s	θ°	e	f			
	R	L											
S20Q–SDZCR/L11			27	20	18	180	16	−6°	20	7.5	DC□ T11T3□□	L60M4X8	T15
S25R–SDZCR/L 11			33	25	23	200	19	−6°	30	7.5			
S32S–SDZCR/L 11			40	32	30	250	23	−6°	35	8.4			
S40T–SDZCR/L 11			50	40	37	300	28	−4°	50	9.4			

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SSKCR/L

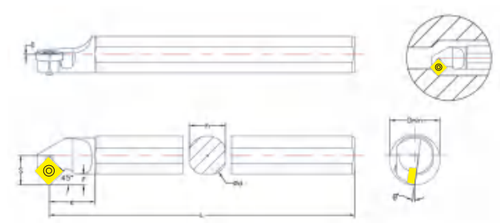




Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	Φd	h	L	s	θ°	e			
	R	L										
S12M–SSKCR/L 09			16	12	11	150	9	–10°	25	SC□ T 09T3□□	L60M4X8	T15
S16Q–SSKCR/L 09			20	16	15	180	11	–11°	30			
S20Q–SSKCR/L 09			25	20	18	180	13	–6°	35			
S25R–SSKCR/L 09			32	25	23	200	17	–8°	40			
S25R–SSKCR/L 12			32	25	23	200	17	–8°	40	SC□ T 1204□□	L60M5X12	T20
S32S–SSKCR/L 12			40	32	30	250	22	–10°	45			

SSSCR/L



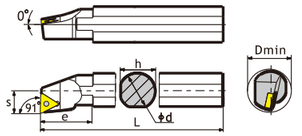


Type 型号	Dimension(mm) 基本尺寸										Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	Φd	h	L	s	θ°	e	f			
	R	L											
S12M–SSSCR/L 09			17	12	11	150	10	–10°	15	4.5	SC□ T 09T3□□	L60M4X8	T15
S16Q–SSSCR/L 09			22	16	15	180	13	–11°	25	5.5			
S20Q–SSSCR/L 09			25	20	18	180	15	–6°	30	6			
S25R–SSSCR/L 09			32	25	23	200	17	–8°	35	5.5			
S25R–SSSCR/L 12			32	25	23	200	17	–8°	35	5.5	SC□ T 1204□□	L60M5X12	T20
S32S–SSSCR/L 12			40	32	30	250	22	–10°	40	7			

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STFCR/L



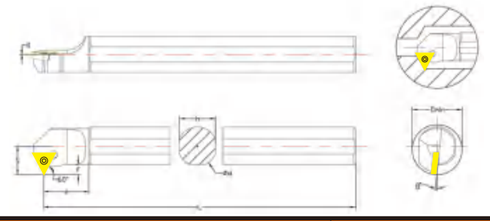




Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	Φd	h	L	s	e			
	R	L									
S08K–STFCR/L09			10	08	7	125	5.5	8	TC□ T 0902□□	L60M2.2X5.5	T06
S10K–STFCR/L09			12	10	9	125	6.8	10			
S12M–STFCR/L09			16	12	11	150	8	10			
S12M–STFCR/L11			14	12	11	150	6.5	25	TC□ T 1102□□	L60M2.5X5	T08
S16Q–STFCR/L 11			18	16	15	180	9	25			
S20Q–STFCR/L 11			25	20	18	180	11	25			
S25R–STFCR/L 16			32	25	23	200	17	40	TC□ T 16T3□□	L60M4X8	T15
S32S–STFCR/L 16			36	32	30	250	18	50			
S40T–STFCR/L 16			50	40	37	300	25	60			

STWCR/L



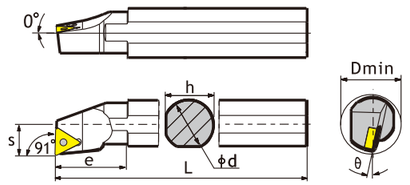


Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	Φd	h	L	s	θ°	e			
	R	L										
S10K–STWCR/L 11			14	10	9	125	8	–10°	14	TC□ T 1102□□	L60M2.5X5	T08
S12M–STWCR/L 11			16	12	11	150	9	–13°	25			
S16Q–STWCR/L 11			20	16	15	180	11	–10°	30			
S20Q–STWCR/L 11			25	20	19	180	13	–6°	30			
S25R–STWCR/L 11			32	25	24	200	17	–6°	35			
S20Q–STWCR/L 16			25	20	19	180	14.5	–3°	36	TC□ T 16T3□□	L60M4X8	T15
S25R–STWCR/L 16			32	25	24	200	17	–6°	49			
S32S–STWCR/L 16			39	32	30	250	22	–10°	50			
S40T–STWCR/L 16			50	40	37	300	25	–8°	50			

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STFPR/L



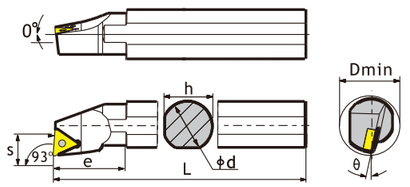


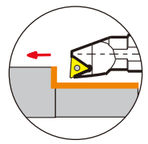


Type 型号	Stock 库存 R	Stock 库存 L	Dmin	ϕd	h	L	s	θ°	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
S08K–STFPR/L09			10	08	7	125	5	–10°	14	TP□ T 0902□□（京瓷）	L60M2.5X5.0	T08
S10K–STFPR/L11H11			11	10	9	125	5.5	–13°		TP□ T 1103□□（Zccct）	L60M2.5X6.5	
S12M–STFPR/L 11H13			13	12	11	150	6.8	–10°				
S16Q–STFPR/L 11H17			17	16	15	180	8.8	–6°				

STUCR/L





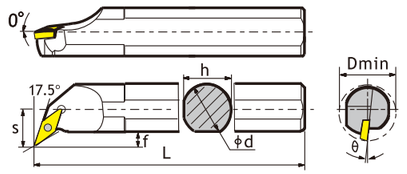


Type 型号	Stock 库存		Dmin	ϕd	h	L	s	θ°	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
S08K–STUCR/L09			11	08	7	125	5.5	–15°		TC□ T 0902□□	L60M2.2X5.5	T06
S08K–STUCR/L09–A16			11	16	15	125	5.5	–15°	24			
S10K–STUCR/L09			13	10	9	125	6	–13°	10			
S10K–STUCR/L09–A16			13	16	15	125	7	–13°	30			
S10K–STUCR/L11			13	10	9	125	7	–12°	10	TC□ T 1102□□	L60M2.5X5	T08
S10K–STUCR/L11–A16			16	16	15	125	7	–12°	30			
S12M–STUCR/L11			16	12	11	150	7	–10°	25			
S12M–STUCR/L11–A16			16	16	15	150	7	–10°	30			
S16Q–STUCR/L11			20	16	15	180	9	–8°	25			
S20Q–STUCR/L11			25	20	19	180	11	–6°	25			
S25R–STUCR/L11			31	25	24	200	15	–4°	34			
S20Q–STUCR/L16			25	20	19	180	13	–8°	36	TC□ T 16T3□□	L60M4X8	T15
S25R–STUCR/L16			31	25	24	200	17	–6°	40			
S32S–STUCR/L16			39	32	30	250	18	–4°	50			
S40T–STUCR/L16			50	40	38	300	25	–2°	60			

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SVQCR/L



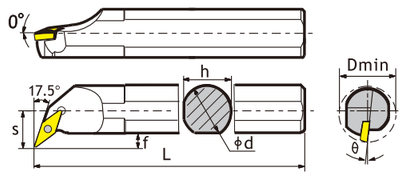




Type 型号	Stock 库存 R	Stock 库存 L	Dmin	ϕd	h	L	s	θ°	e	f	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
S20Q–SVQCR/L16			27	20	18	180	15	–8°	40	6.0	VC□ T 1604□ □	L60M4X8	T15
S25R–SVQCR/L16			32	25	23	200	18.5	–8°	45	6.9			
S32S–SVQCR/L 16			40	32	30	250	22	–8°	56	8.4			
S40T–SVQCR/L 16			50	40	37	300	27	–8°	64	9.4			

SVQBR/L





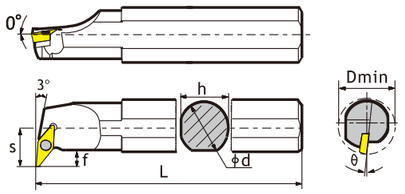


Type 型号	Stock 库存 R	Stock 库存 L	Dmin	ϕd	h	L	s	θ°	e	f	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
S20Q–SVQBR/L16			27	20	18	180	15	–8°	40	6.0	VB□ T 1604□ □	L60M4X8	T15
S25R–SVQBR/L16			32	25	23	200	18.5	–8°	45	6.9			
S32S–SVQBR/L 16			40	32	30	250	22	–8°	56	8.4			
S40T–SVQBR/L 16			50	40	37	300	27	–8°	64	9.4			

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SVUCR/L



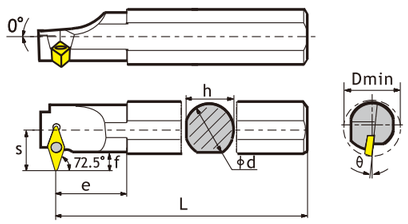


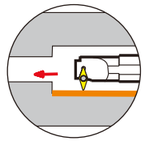


Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	ϕd	h	L	s	e	f			
	R	L										
S16Q–SVUCR/L11			22	16	15	180	13.5	24	6	VC□ T 1103□□	L60M2.5X6.5	T08
S20Q–SVUCR/L16			31	20	19	180	19	32	9.5	VC□ T 1604□□	L60M4X8	T15
S25R–SVUCR/L16			35	25	23	200	20	32	8.4			
S32S–SVUCR/L 16			42	32	30	250	22	49	8.4			
S40T–SVUCR/L 16			51	40	37	300	27	49	11			

SVWCR/L





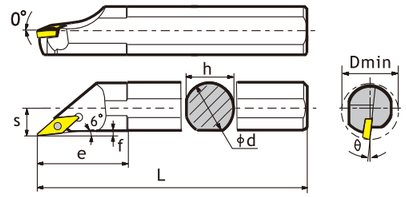


Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	ϕd	h	L	s	e	f			
	R	L										
S16Q–SVWCR/L11			25	16	15	180	14	25	6.9	VC□ T 1103□□	L60M2.5X6.5	T08
S20Q–SVWCR/L16			32	20	18	180	22	25	12.9	VC□ T 1604□□	L60M4X8	T15
S25R–SVWCR/L16			36	25	23	200	22	30	10			
S32S–SVWCR/L 16			45	32	30	250	27	42	12.2			
S40T–SVWCR/L 16			55	40	37	300	30	50	11			

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SVXCR/L



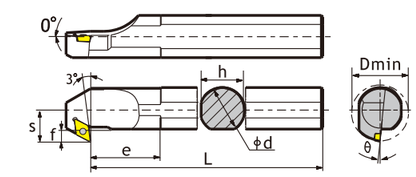


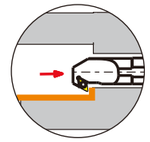


Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	ϕd	h	L	s	e	f			
	R	L										
S16Q–SVXCR/L11			20	16	15	180	9.5	35	2	VC□ T 1103□□	L60M2.5X6.5	T08
S20Q–SVXCR/L16			25	20	18	180	13	40	4	VC□ T 1604□□	L60M4X8	T15
S25R–SVXCR/L16			32	25	23	200	14.5	40	3			
S32S–SVXCR/L 16			40	32	30	250	21	62	6			
S40T–SVXCR/L 16			50	40	37	300	24	62	5.5			

SVZCR/L



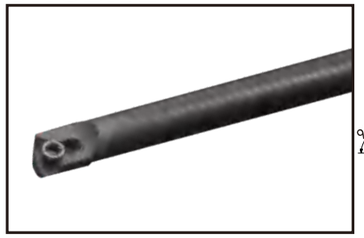


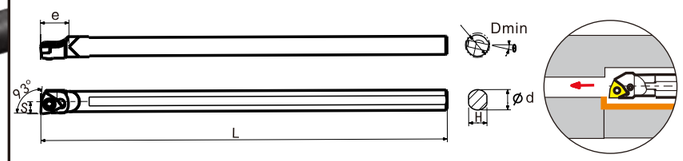


Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	ϕd	h	L	s	e	f			
	R	L										
S16Q–SVZCR/L 11			22	16	15	180	13.5	15	6.5	VC□ T 1103□□	L60M2.5X6.5	T08
S20Q–SVZCR/L 11			28	20	18	180	16	22	7.5			
S25R–SVZCR/L 16			34	25	23	200	21	30	10	VC□ T 1604□□	L60M4X8	T15
S32S–SVZCR/L 16			40	32	30	250	23	35	9			
S40T–SVZCR/L 16			50	40	37	300	29	40	11			

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SWUBR/L

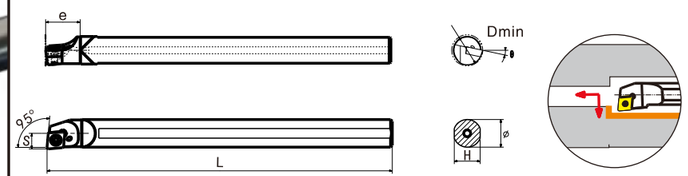




Type 型号	Stock库存 R	Stock库存 L	Dmin	Φd	h	L	s	θ°	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
C05H–SWUBR/L06			6	5	4.5	100	3	–13°	7	WB□T0601□□	L60M2.0X4.3	T06
C06J–SWUBR/L06			7	6	5.5	110	3.5	–13°	7			

SCLCR/L

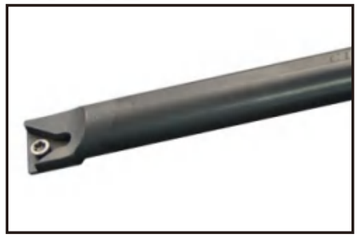


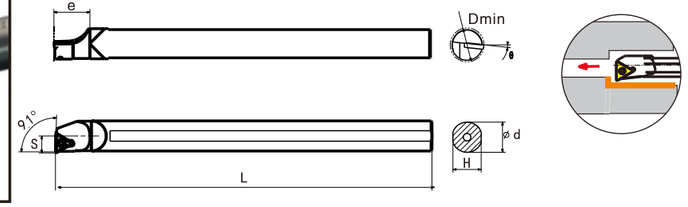


Type 型号	Stock库存 R	Stock库存 L	Dmin	Φd	h	L	s	θ°	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
C07K–SCLCR/L06			10	7	6.5	125	4.5	–15°	8	CC□T0602□□	L60M2.5X5	T08
C08K–SCLCR/L06			10	8	7.5	125	5	–15°	8			
C10M–SCLCR/L06			12	10	9.5	150	6	–13°	14			
C12Q–SCLCR/L06			14	12	11	180	7	–10°	14			
C12Q–SCLCR/L09			16	12	11	180	8	–10°	14	CC□T09T3□□	L60M4X8	T15
C14Q–SCLCR/L09			16	14	13	180	8	–12°	18			
C16R–SCLCR/L09			18	16	15	200	9	–12°	20			
C20S–SCLCR/L09			22	20	19	250	11	–8°	26			
C25T–SCLCR/L09			28	25	23	300	14	–6°	29			

备注：钨钢抗震内孔刀杆我司可提供带内冷和不带内冷两种型号供客户选择
Note:Tungsten steel Anti-shaking Internal Turning tools with collant hole or without collant hole both can be offered.

STFCR/L

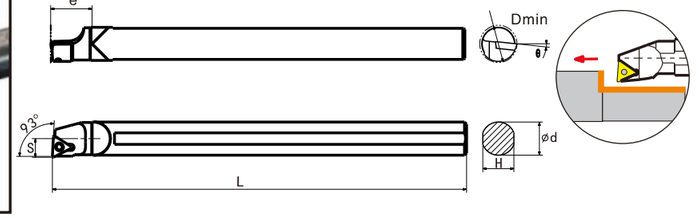




Type 型号	Stock库存 R	Stock库存 L	Dmin	Φd	h	L	s	θ°	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
C08K–STFCR/L09			10	8	7.5	125	5	–10	8	TC□T0902□□	L60M2.2X5.5	T06
C10M–STFCR/L09			12	10	9.5	150	6	–10	14			
C12Q–STFCR/L09			16	12	11	180	8	–5	14			
C12Q–STFCR/L11			16	12	11	180	8	–6	14	TC□T1102□□	L60M2.5X5.0	T08
C16R–STFCR/L11			18	16	15	200	9	–6	20			
C20S–STFCR/L11			25	20	19	250	12	–6	26			

STUPR/L





Type 型号	Stock库存 R	Stock库存 L	Dmin	Φd	h	L	s	θ°	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
C08K–STUPR/L09			11	8	7.5	125	5.5	–10	8	TP□T0902□□(京瓷)	L60M2.5X5.0	T08
C10M–STUPR/L09			13	10	9.5	150	6.5	–8	14			
C12Q–STUPR/L09			16	12	11	180	7.5	–6	14			
C12Q–STUPR/L11			16	12	11	180	7.5	–6	14	TP□T1103□□(京瓷)	L60M3.0X7	T10
C16R–STUPR/L11			18	16	15	200	9	–6	20			
C20S–STUPR/L11			25	20	19	250	12	–6	26			

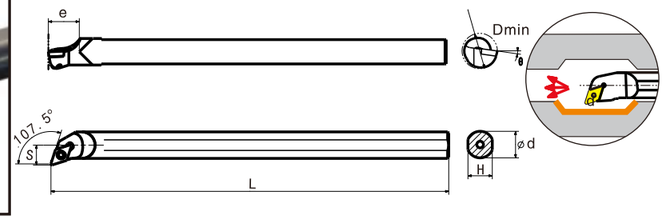
备注：钨钢抗震内孔刀杆我司可提供带内冷和不带内冷两种型号供客户选择
Note:Tungsten steel Anti-shaking Internal Turning tools with collant hole or without collant hole both can be offered.

SANT 数控刀具

钨钢内孔车刀 Tungsten steel Internal Turning tools

SDQCR/L

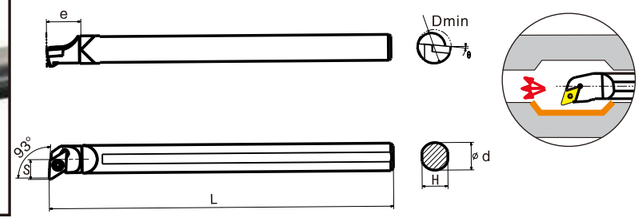




Type 型号	Stock库存 R	Stock库存 L	Dmin	Φd	h	L	s	θ°	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
C10M-SDQCR/L07			13	10	9.5	150	7	-8°	14	DC□T0702□□	L60M2.5X5. 0	T08
C12Q-SDQCR/L07			16	12	11	180	9	-8°	14			
C16R-SDQCR/L07			20	16	15	180	13	-6°	20			

SDUCR/L





Type 型号	Stock库存 R	Stock库存 L	Dmin	Φd	h	L	s	θ°	e	Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
C10M-SDUCR/L07			13	10	9.5	150	7	-8°	14	DC□T0702□□	L60M2.5X5. 0	T08
C12Q-SDUCR/L07			16	12	11	180	9	-8°	14			
C16R-SDUCR/L07			20	16	15	200	11	-8°	20			
C20S-SDUCR/L07			25	20	19	250	13	-6°	16			

备注：钨钢抗震内孔刀杆我司可提供带内冷和不带内冷两种型号供客户选择
Note:Tungsten steel Anti-shaking Internal Turning tools with collant hole or without collant hole both can be offered.

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

Threading toolholders code key 螺纹刀的型号表示规则

R

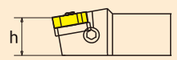


右切 Right

L

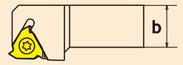


左切 Left



只标注到整数 例:h=8mm,标为08
Integers to be proceeded by 0
eg:h=8 indicated by 08

注：圆刀杆用00表示



例:b=8mm,标为08
Integers to be proceeded by 0
eg:b=8 indicated by 08

注：圆刀杆就用直径表示

代号 Code	长度 Length
H	100
K	125
M	150
P	170
Q	180
R	200
S	250

3.切削方向 Cutting direction

范例 Example

4.刀尖高度 Tools-tip height

5.刀体宽度 Shank width

6.刀杆长度 Tool holder length

S W R 25 25 M 16

1.压紧方式 Clamping System

C



压板压紧式
Top clamping

S



螺钉压紧式
Screw on

2.螺纹形式 Type of thread

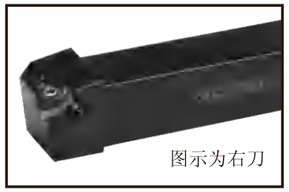
N	内螺纹 Internal
W	外螺纹 Extemal

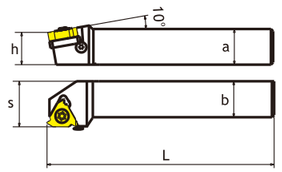
7.刀片尺寸 Insert dimension

代号 Code	三角形边长 Cutting edge length	内切圆 Inscribed circle dia.
11	11	6.305
16	16	9.525
22	22	12.70
27	27	15.89

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

SWR/L 外螺纹车刀 External threading tools





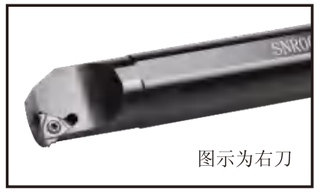
Type 型号		Stock 库存 R	Stock 库存 L	a	h	b	L	s	Applicable Inserts 使用的刀片	Screw 刀片螺钉	Shim 刀垫	Shim Screw 刀垫螺钉	Wrench 扳手
SWR/L	1010H11H			10	10	10	100	16	R/LT11.01W–□□GM	L60 M2.5×6	—	—	T08
	1212H11H			12	12	12	100	16					
	1616H16H			16	16	16	100	20	R/LT16.01W–□□GM	L60 M3.5×12	TT16–□□	SS04008	T15 S2.5
	2020K16H			20	20	20	125	25					
	2525M16H			25	25	25	150	32					
	3225P16H			32	32	25	170	32					
	3232P16H			32	32	32	170	40					
	2525M22H			25	25	25	150	32	R/LT22.01W–□□GM	L60 M5×16	TT22–□□	SS04008	T20 S2.5
	3225P22H			32	32	25	170	32					
	3232P22H			32	32	32	170	40					
	4040S22H			40	40	40	250	50					

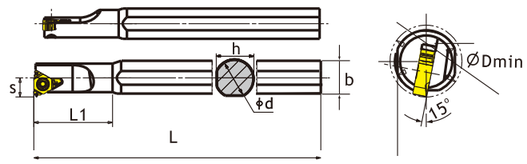
★注明：配套刀片建议参考株洲钻石。Note:The insert is Zccct brand.

Type 型号		Stock 库存 R	Stock 库存 L	a	h	b	L	s	Applicable Inserts 使用的刀片	Screw 刀片螺钉	Shim 刀垫	Shim Screw 刀垫螺钉	Wrench 扳手
SWR/L	1010H11			10	10	10	100	16	11ER/L	L60 M2.5×6	—	—	T08
	1212H11			12	12	12	100	16					
	1616H16			16	16	16	100	20	16ER/L	L60 M3.5×12	TT16–□□	SS04008	T15 S2.5
	2020K16			20	20	20	125	25					
	2525M16			25	25	25	150	32					
	3225P16			32	32	25	170	32					
	3232P16			32	32	32	170	40					
	2525M22			25	25	25	150	32	22ER/L	L60 M4×16	TT22–□□	SS04008	T20 S2.5
	3225P22			32	32	25	170	32					
	3232P22			32	32	32	170	40					
	4040S22			40	40	40	250	50					
	3232P27			32	32	32	170	40	27ER/L	L60 M6×16	TT27–□□	M5X12	T20,S4
	4040S27			40	40	40	250	50					

★注明：配套刀片建议参考ISO国标刀片。Note:The insert is ISO brand.

SNR/L 内螺纹车刀 Internal threading tools





Type 型号	Stock 库存	d	L	b	Dmin	s	h	L1	Applicable Inserts 使用的刀片	Shim 刀垫	Screw 螺钉	Wrench 扳手	Shim Screw 刀垫螺钉
SNR/L0010K11H		10	125		12	6	9.5	32	LT11.01N–□□GM RT11.01N–□□GM	—	L60 M2.5×5	T08	
SNR/L0012K11H		12	125		16	6	11.5	32					
SNR/L0013M16H		13	150		16	10	15.5	32	LT16.01N–□□GM RT16.01N–□□GM	—	L60 M3.5×8	T15	
SNR/L0016M16H		16	150		20	12	15.5	40					
SNR/L0020Q16H		20	180		25	14	19.5	40		TT16	L60 M3.5×12		
SNR/L0025R16H		25	200		30	16	24	45				T15 S2.5	SS04008
SNR/L0032S16H		32	250		38	20	30	55					
SNR/L0025R22H		25	200		30	18	24	45	RT22.01N–□□GM LT22.01N–□□GM	TT22	L60 M5×16	T20 S2.5	SS04008
SNR/L0032S22H		32	250		38	22	30	55					
SNR/L0040T22H		40	300		46	26	38	60					

★注明：配套刀片建议参考株洲钻石。Note:The insert is Zccct brand.

Type 型号	Stock 库存	d	L	b	Dmin	s	h	L1	Applicable Inserts 使用的刀片	Shim 刀垫	Screw 螺钉	Wrench 扳手	Shim Screw 刀垫螺钉
SNR/L0010K11		10	125		12	6	9.5	32	11IR/L	—	L60 M2.5×5	T08	
SNR/L0012K11		12	125		16	6	11.5	32					
SNR/L0013M16		13	150		16	10	15.5	32	16IR/L	—	L60 M3.5×8	T15 S2.5	SS04008
SNR/L0016M16		16	150		20	12	15.5	40					
SNR/L0020Q16		20	180		25	14	19.5	40		TT16	L60 M3.5×12		
SNR/L0025R16		25	200		30	16	24	45					
SNR/L0032S16		32	250		38	20	30	55					
SNR/L0025R22		25	200		30	18	24	45	22IR/L	TT22	L60 M4×16	T20 S2.5	SS04008
SNR/L0032S22		32	250		38	22	30	55					
SNR/L0040T22		40	300		46	26	38	60					
SNR/L0032S27		32	250		40	24	30	55	27IR/L	TT27	L60 M6×16	T20 S4	M5X12
SNR/L0040T27		40	300		50	30	38	60					

★注明：配套刀片建议参考ISO国标刀片。Note:The insert is ISO brand.

切断切槽刀杆命名规则
Parting and grooving holders code key

外圆、端面切断切槽刀具
External and surface cutting

1	2	3	4	5	6	7	8	9	10
Q	F	G	D	25	25	R	22	52	H

1、切槽刀代号
Q：切断切槽
P：切断

2、加工方式
E：外圆切削
F：端面切削

3、定位槽代号与刀片对应的定位槽代号一致并对应一定刀片刃宽范围

4、对应刀片的刀刃数代号
S：单刃
D：双刃

5、切槽刀刀体高度

6、切槽刀刀体宽度

7、刀具的左右手
R：右 L：左
N：两者皆可

8、最大切削深度

9、端面切槽刀首次切削的最小直径
（外圆切槽时缺省）

10、端面切槽刀刀柄类
H：直头 L：弯头

内圆切槽刀具
Internal cutting

1	2	3	4	5	6	7	8	9
C	32	S	Q	G	D	R	11	44

1、切槽刀压紧方式

2、刀杆直径

3、刀杆长度

4、切槽刀代号

5、定位槽代号

6、对应刀片刃数

7、刀具的左右手
R：右 L：左

8、最大切削深度

9、最小加工孔径

用于切断刀板的刀座
Height of blades

1	2	3	4	5
P	H	S	32	32

1、切断刀具

2、切断刀具基座

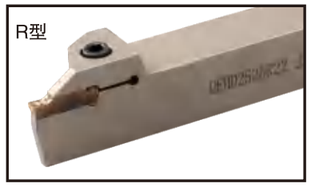
3、对应刀片刃数

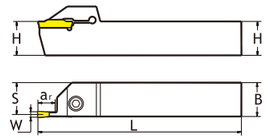
4、刀座规格

5、刀板高度

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

QE 外圆切断、切槽刀具
External Parting, Grooving and Turning Tools



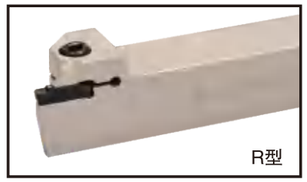


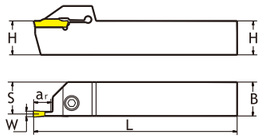
Type 型号		基本尺寸 Dimension(mm)					刀片 Inserts	螺钉 Screw	扳手 Wrench
		H×B	L	S	W	最大切深 $a_{r,max}$			
QEED	1616R/L10	16x16	100	15	2.5	10	Z*ED*****-**	M5×17	S4
	1616R/L17	16x16	100	15	2.5	17	Z*ED*****-**		
	2020R/L10	20x20	125	19	2.5	10	Z*ED*****-**	M6×20	S5
	2020R/L17	20x20	125	19	2.5	17	Z*ED*****-**		
	2525R/L10	25x25	150	24	2.5	10	Z*ED*****-**		
	2525R/L17	25x25	150	24	2.5	17	Z*ED*****-**		
QEFD	1616R/L10	16x16	100	14.8	3	10	Z*FD****-**	M5×17	S4
	1616R/L17	16x16	100	14.8	3	17	Z*FD****-**		
	2020R/L10	20x20	125	18.8	3	10	Z*FD****-**	M6×20	S5
	2020R/L17	20x20	125	18.8	3	17	Z*FD****-**		
	2525R/L10	25x25	150	23.8	3	10	Z*FD****-**		
	2525R/L17	25x25	150	23.8	3	17	Z*FD****-**		
QEGD	2020R/L13	20x20	125	18.5	4	13	Z*GD****-**	M6×20	S5
	2020R/L 22	20x20	125	18.5	4	22	Z*GD****-**		
	2525R/L13	25x25	150	23.5	4	13	Z*GD****-**		
	2525R/L 22	25x25	150	23.5	4	22	Z*GD****-**		
	3232R/L13	32x32	170	30.5	4	13	Z*GD****-**		
	3232R/L 22	32x32	170	30.5	4	22	Z*GD****-**		
QEHD	2525R/L13	25x25	150	23	5	13	Z*HD****-**		
	2525R/L 22	25x25	150	23	5	22	Z*HD****-**		
QEHS	2525N 30	25x25	150	12.5	5	30	Z*HS****-**		
QEHD	3232R/L13	32x32	170	30	5	13	Z*HD****-**		
	3232R/L 22	32x32	170	30	5	22	Z*HD****-**		
QEHS	3232N 30	32x32	170	16	5	30	Z*HS****-**		
QEKD	2525R/L13	25x25	150	22.6	6	13	Z*KD****-**		
	2525R/L 22	25x25	150	22.6	6	22	Z*KD****-**		
QEKS	2525N 30	25x25	150	12.5	6	30	Z*KS****-**		
QEKD	3232R/L13	32x32	170	29.6	6	13	Z*KD****-**		
	3232R/L 22	32x32	170	29.6	6	22	Z*KD****-**		
QEKS	3232N 30	32x32	170	16	6	30	Z*KS****-**		

★ 可安装切断、切槽、车削、仿形刀片。
Parting, grooving, turning, profiling inserts are adaptable to the tools。

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

MGEHR/L 外圆切断、切槽刀具 External Parting, Grooving and Turning Tools





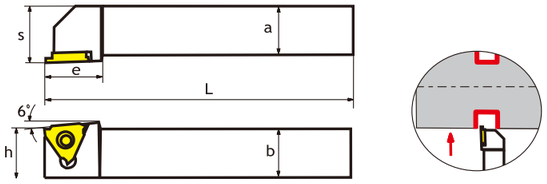
Type 型号		基本尺寸 Dimension(mm) H	L	S	W	最大切深 $a_{r max}$	刀片 Insents	螺钉 Screw	扳手 Wrench
MGEHR/L	1616-2	16	100	15	2	14.5	MGMN200-M	M5×17	S4
	2020-2	20	125	19	2	14.5	MGMN200-M	M6×20	S5
	2525-2	25	150	24	2	14.5	MGMN200-M	M6×20	S5
	1616-2.5	16	100	15	2.5	16.5	MGMN250-M	M5×17	S4
	2020-2.5	20	125	19	2.5	16.5	MGMN250-M	M6×20	S5
	2525-2.5	25	150	24	2.5	16.5	MGMN250-M	M6×20	S5
	1616-3	16	100	14.8	3	18	MGMN300-M	M5×17	S4
	2020-3	20	125	18.8	3	18	MGMN300-M	M6×20	S5
	2020-3-T10	20	125	18.8	3	10	MGMN300-M		
	2525-3	25	150	23.8	3	18	MGMN300-M		
	2525-3-T10	25	150	23.8	3	10	MGMN300-M		
	3232-3	32	170	30.5	3	18	MGMN300-M		
	3232-3-T10	32	170	30.5	3	10	MGMN300-M		
	2020-4	20	125	18.5	4	18	MGMN400-M	M6×20	S5
	2020-4-T10	20	125	18.5	4	10	MGMN400-M		
	2525-4	25	150	23.5	4	18	MGMN400-M		
	2525-4-T10	25	150	23.5	4	10	MGMN400-M		
	3232-4	32	170	30.5	4	18	MGMN400-M		
	3232-4-T10	32	170	30.5	4	10	MGMN400-M		
	2020-5	20	150	18	5	23	MGMN500-M	M6×20	S5
	2020-5-T15	20	150	18	5	15	MGMN500-M		
	2525-5	25	150	23	5	23	MGMN500-M		
	2525-5-T15	25	150	23	5	15	MGMN500-M		
	3232-5	32	170	30	5	23	MGMN500-M		
	3232-5-T15	32	170	30	5	15	MGMN500-M		
	2020-6	20	125	17	6	23	MGMN600-M		
	2020-6-T10	20	125	17	6	10	MGMN600-M		
	2525-6	25	150	22.6	6	23	MGMN600-M		
	2525-6-T15	25	150	22.6	6	15	MGMN600-M		
	3232-6	32	170	29.6	6	23	MGMN600-M		
	3232-6-T15	32	170	29.6	6	15	MGMN600-M		

★ 可安装切断、切槽、车削、仿形刀片。(配套韩国克洛依刀片) Note:The insert is Korloy brand.
Parting, grooving, turning, profiling inserts are adaptable to the tools。

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

SGTR/L



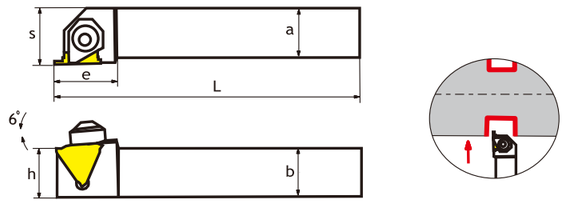


Type 型号		Dimension(mm) 基本尺寸 Stock 库存 R	L	h	b	L_1	L_2	H_1	f	Applicable Inserts 使用的刀片	Clamping screw 螺钉	Wrench 扳手
SGTR/L	1212H16C			12	12	100	20	12	16	GLR/L3□□□□	M3.5×8	T15
	1616H16C			15	16	100	20	16	20			
	2020K16C			20	20	125	20	20	25			
	2525M16C			25	25	150	20	25	32			
	2020K22C			20	20	125	30	20	25	GLR/L4□□□	M4×10	T15
	2525M22C			25	25	150	30	25	32			

★注明：配套刀片建议参考东芝刀片。Note:The insert is Toshiba brand.

KGBR/L



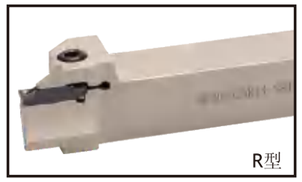


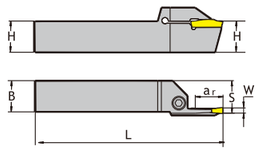
Type 型号		Dimension(mm) 基本尺寸 Stock 库存 R	L	a	b	L	h	s	e	Applicable Inserts 使用的刀片	Clamping screw 螺钉	Clamp 压板	Wrench 扳手
KGBR/L	2020K22-15			20	20	125	20	25	24	GB43R/050~300	CM 0620	CGBR/L	S4
	2525M22-15			25	25	150	25	30	25				
	2020K22-25			20	20	125	20	25	25.5	GB43R/250~330	CM 0620	CGBR/L	S4
	2525M22-25			25	25	250	25	30	25.5				
	2020K22-35			20	20	125	20	25	25.5	GB43R/350~480	CM 0620	CGBR/L	S4
	2525M22-35			25	25	150	25	30	25.5				

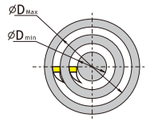
★注明：配套刀片建议参考京瓷刀片。Note:The insert is Kyocera brand.

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

QF-H 端面切槽、车削刀具 Surface Grooving and Turning Tools





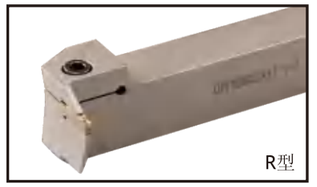


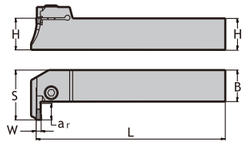
下刀直径范围

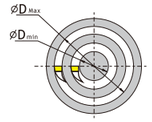
Type 型号	基本尺寸 Dimension(mm)						适用刀片 Applicable inserts	螺钉 Screw	扳 手 Wrench
	HxB	L	S	W	a_r	ØD (min-Max)			
QFFD2525R/L10-48H	25x25	150	26	3	10	48-66	ZTFD0303-MG		
QFFD2525R/L17-48H	25x25	150	26	3	17	48-66	ZTFD0303-MG		
QFFD2525R/L10-60H	25x25	150	26	3	10	60-80	ZTFD0303-MG		
QFFD2525R/L17-60H	25x25	150	26	3	17	60-80	ZTFD0303-MG		
QFFD2525R/L10-74H	25x25	150	26	3	10	74-110	ZTFD0303-MG		
QFFD2525R/L17-74H	25x25	150	26	3	17	74-110	ZTFD0303-MG		
QFFD2525R/L10-100H	25x25	150	26	3	10	100-150	ZTFD0303-MG		
QFFD2525R/L17-100H	25x25	150	26	3	17	100-150	ZTFD0303-MG		
QFGD2525R/L13-52H	25x25	150	26	4	13	52-72	ZTGD0404-MG		
QFGD2525R/L 22-52H	25x25	150	26	4	22	52-72	ZTGD0404-MG		
QFGD2525R/L13-64H	25x25	150	26	4	13	64-100	ZTGD0404-MG		
QFGD2525R/L 22-64H	25x25	150	26	4	22	64-100	ZTGD0404-MG		
QFGD2525R/L13-90H	25x25	150	26	4	13	90-140	ZTGD0404-MG		
QFGD2525R/L 22-90H	25x25	150	26	4	22	90-140	ZTGD0404-MG		
QFGD2525R/L13-130H	25x25	150	26	4	13	130-230	ZTGD0404-MG		
QFGD2525R/L 22-130H	25x25	150	26	4	22	130-230	ZTGD0404-MG		
QFHD2525R/L 13-58H	25x25	150	26	5	13	58-96	ZTHD0504-MG	M6×20	S5
QFHD2525R/L 22-58H	25x25	150	26	5	22	58-96	ZTHD0504-MG		
QFHD2525R/L 13-86H	25x25	150	26	5	13	86-140	ZTHD0504-MG		
QFHD2525R/L 22-86H	25x25	150	26	5	22	86-140	ZTHD0504-MG		
QFHD2525R/L 13-130H	25x25	150	26	5	13	130-200	ZTHD0504-MG		
QFHD2525R/L 22-130H	25x25	150	26	5	22	130-200	ZTHD0504-MG		
QFHD2525R/L 13-185H	25x25	150	26	5	13	185-400	ZTHD0504-MG		
QFHD2525R/L 22-185H	25x25	150	26	5	22	185-400	ZTHD0504-MG		
QFHS2525R/L 30-185H	25x25	150	26	5	30	185-400	ZTHS0504-MG		
QFKD2525R/L 13-60H	25x25	150	26	6	13	60-100	ZTKD0608-MG		
QFKD2525R/L 22-60H	25x25	150	26	6	22	60-100	ZTKD0608-MG		
QFKD2525R/L 13-88H	25x25	150	26	6	13	88-180	ZTKD0608-MG		
QFKD2525R/L 22-88H	25x25	150	26	6	22	88-180	ZTKD0608-MG		
QFKD2525R/L 13-160H	25x25	150	26	6	13	160-400	ZTKD0608-MG		
QFKD2525R/L 22-160H	25x25	150	26	6	22	160-400	ZTKD0608-MG		
QFKS2525R/L 30-160H	25x25	150	26	6	30	160-400	ZTKS0608-MG		

★注明：配套刀片建议参考株钻刀片。Note:The insert is Zccct brand.

QF-L 端面切槽、车削刀具 Surface Grooving and Turning Tools



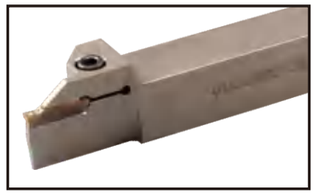


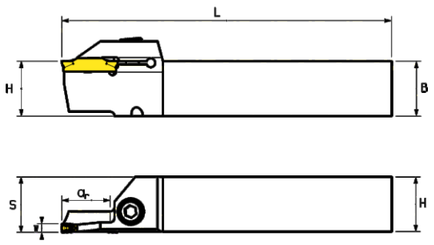


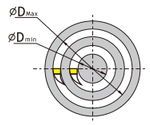
下刀直径范围

Type 型号	基本尺寸 Dimension(mm)						适用刀片 Applicable inserts	螺钉 Screw	扳 手 Wrench
	HxB	L	S	W	a_r	ØD (min-Max)			
QFFD2525R/L 10-48L	25x25	150	36.5	3	10	48-66	ZTFD0303-MG		
QFFD2525R/L 17-48L	25x25	150	43.5	3	17	48-66	ZTFD0303-MG		
QFFD2525R/L10-60L	25x25	150	36.5	3	10	60-80	ZTFD0303-MG		
QFFD2525R/L 17-60L	25x25	150	43.5	3	17	60-80	ZTFD0303-MG		
QFFD2525R/L 10-74L	25x25	150	36.5	3	10	74-110	ZTFD0303-MG		
QFFD2525R/L 17-74L	25x25	150	43.5	3	17	74-110	ZTFD0303-MG		
QFFD2525R/L 10-100L	25x25	150	36.5	3	10	100-150	ZTFD0303-MG		
QFFD2525R/L 17-100L	25x25	150	43.5	3	17	100-150	ZTFD0303-MG		
QFGD2525R/L 13-52L	25x25	150	39.5	4	13	52-72	ZTGD0404-MG		
QFGD2525R/L 22-52L	25X25	150	48.5	4	22	52-72	ZTGD0404-MG		
QFGD2525R/L 13-64L	25x25	150	39.5	4	13	64-100	ZTGD0404-MG		
QFGD2525R/L 22-64L	25x25	150	48.5	4	22	64-100	ZTGD0404-MG		
QFGD2525R/L 13-90L	25x25	150	39.5	4	13	90-140	ZTGD0404-MG		
QFGD2525R/L 22-90L	25x25	150	48.5	4	22	90-140	ZTGD0404-MG		
QFGD2525R/L 13-130L	25x25	150	39.5	4	13	130-230	ZTGD0404-MG		
QFGD2525R/L 22-130L	25x25	150	48.5	4	22	130-230	ZTGD0404-MG		
QFHD2525R/L 13-58L	25x25	150	39.5	5	13	58-96	ZTHD0504-MG	M6×20	S5
QFHD2525R/L 22-58L	25x25	150	48.5	5	22	58-96	ZTHD0504-MG		
QFHD2525R/L 13-86L	25x25	150	39.5	5	13	86-140	ZTHD0504-MG		
QFHD2525R/L 22-86L	25x25	150	48.5	5	22	86-140	ZTHD0504-MG		
QFHD2525R/L 13-130L	25x25	150	39.5	5	13	130-200	ZTHD0504-MG		
QFHD2525R/L 22-130L	25x25	150	48.5	5	22	130-200	ZTHD0504-MG		
QFHD2525R/L 13-185L	25x25	150	39.5	5	13	185-400	ZTHD0504-MG		
QFHD2525R/L 22-185L	25x25	150	48.5	5	22	185-400	ZTHD0504-MG		
QFHS2525R/L 30-185L	25x25	150	56.5	5	30	185-400	ZTHS0504-MG		
QFKD2525R/L 13-60L	25x25	150	39.5	6	13	60-100	ZTKD0608-MG		
QFKD2525R/L 22-60L	25x25	150	48.5	6	22	60-100	ZTKD0608-MG		
QFKD2525R/L 13-88L	25x25	150	39.5	6	13	88-180	ZTKD0608-MG		
QFKD2525R/L 22-88L	25x25	150	48.5	6	22	88-180	ZTKD0608-MG		
QFKD2525R/L 13-160L	25x25	150	39.5	6	13	160-400	ZTKD0608-MG		
QFKD2525R/L 22-160L	25x25	150	48.5	6	22	160-400	ZTKD0608-MG		
QFKS2525R/L 30-160L	25x25	150	56.5	6	30	160-400	ZTKS0608-MG		

QF□D-RR





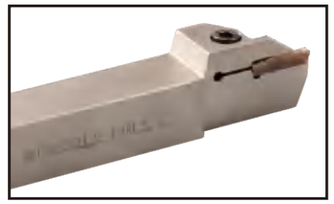


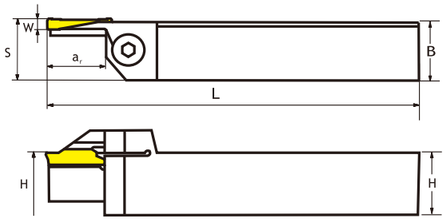
下刀直径范围

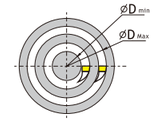
Type 型号	基本尺寸 Dimension(mm)						适用刀片 Applicable inserts	螺钉 Screw	扳 手 Wrench
	HxB	L	S	W	a_r	ØD (min-Max)			
QFFD2525RR10-48H	25x25	150	26	3	10	48-66	ZTFD0303-MG		
QFFD2525RR17-48H	25x25	150	26	3	17	48-66	ZTFD0303-MG		
QFFD2525RR10-60H	25x25	150	26	3	10	60-80	ZTFD0303-MG		
QFFD2525RR17-60H	25x25	150	26	3	17	60-80	ZTFD0303-MG		
QFFD2525RR10-74H	25x25	150	26	3	10	74-110	ZTFD0303-MG		
QFFD2525RR17-74H	25x25	150	26	3	17	74-110	ZTFD0303-MG		
QFFD2525RR10-100H	25x25	150	26	3	10	100-150	ZTFD0303-MG		
QFFD2525RR17-100H	25x25	150	26	3	17	100-150	ZTFD0303-MG		
QFGD2525RR13-52H	25x25	150	26	4	13	52-72	ZTGD0404-MG		
QFGD2525RR 22-52H	25x25	150	26	4	22	52-72	ZTGD0404-MG		
QFGD2525RR13-64H	25x25	150	26	4	13	64-100	ZTGD0404-MG		
QFGD2525RR 22-64H	25x25	150	26	4	22	64-100	ZTGD0404-MG		
QFGD2525RR13-90H	25x25	150	26	4	13	90-140	ZTGD0404-MG		
QFGD2525RR 22-90H	25x25	150	26	4	22	90-140	ZTGD0404-MG		
QFGD2525RR13-130H	25x25	150	26	4	13	130-230	ZTGD0404-MG		
QFGD2525RR22-130H	25x25	150	26	4	22	130-230	ZTGD0404-MG		
QFHD2525RR13-58H	25x25	150	26	5	13	58-96	ZTHD0504-MG	M6 x 20	S5
QFHD2525RR 22-58H	25x25	150	26	5	22	58-96	ZTHD0504-MG		
QFHD2525RR 13-86H	25x25	150	26	5	13	86-140	ZTHD0504-MG		
QFHD2525RR 22-86H	25x25	150	26	5	22	86-140	ZTHD0504-MG		
QFHD2525RR 13-130H	25x25	150	26	5	13	130-200	ZTHD0504-MG		
QFHD2525RR 22-130H	25x25	150	26	5	22	130-200	ZTHD0504-MG		
QFHD2525RR 13-185H	25x25	150	26	5	13	185-400	ZTHD0504-MG		
QFHD2525RR 22-185H	25x25	150	26	5	22	185-400	ZTHD0504-MG		
QFHS2525RR 30-185H	25x25	150	26	5	30	185-400	ZTHS0504-MG		
QFKD2525RR 13-60H	25x25	150	26	6	13	60-100	ZTKD0608-MG		
QFKD2525RR22-60H	25x25	150	26	6	22	60-100	ZTKD0608-MG		
QFKD2525RR 13-88H	25x25	150	26	6	13	88-180	ZTKD0608-MG		
QFKD2525RR 22-88H	25x25	150	26	6	22	88-180	ZTKD0608-MG		
QFKD2525RR 13-160H	25x25	150	26	6	13	160-400	ZTKD0608-MG		
QFKD2525RR 22-160H	25x25	150	26	6	22	160-400	ZTKD0608-MG		
QFKS2525RR 30-160H	25x25	150	26	6	30	160-400	ZTKS0608-MG		

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QF□D-LL







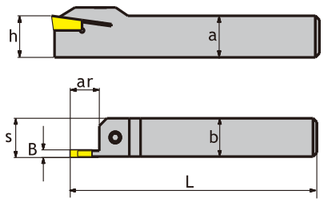
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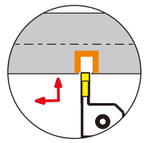
Type 型号	基本尺寸 Dimension(mm)						适用刀片 Applicable inserts	螺钉 Screw	扳 手 Wrench
	HxB	L	S	W	a_r	ØD (min-Max)			
QFFD2525LL10-48H	25x25	150	26	3	10	48-66	ZTFD0303-MG		
QFFD2525LL17-48H	25x25	150	26	3	17	48-66	ZTFD0303-MG		
QFFD2525LL10-60H	25x25	150	26	3	10	60-80	ZTFD0303-MG		
QFFD2525LL17-60H	25x25	150	26	3	17	60-80	ZTFD0303-MG		
QFFD2525LL10-74H	25x25	150	26	3	10	74-110	ZTFD0303-MG		
QFFD2525LL17-74H	25x25	150	26	3	17	74-110	ZTFD0303-MG		
QFFD2525LL10-100H	25x25	150	26	3	10	100-150	ZTFD0303-MG		
QFFD2525LL17-100H	25x25	150	26	3	17	100-150	ZTFD0303-MG		
QFGD2525LL13-52H	25x25	150	26	4	13	52-72	ZTGD0404-MG		
QFGD2525LL 22-52H	25x25	150	26	4	22	52-72	ZTGD0404-MG		
QFGD2525LL13-64H	25x25	150	26	4	13	64-100	ZTGD0404-MG		
QFGD2525LL 22-64H	25x25	150	26	4	22	64-100	ZTGD0404-MG		
QFGD2525LL13-90H	25x25	150	26	4	13	90-140	ZTGD0404-MG		
QFGD2525LL 22-90H	25x25	150	26	4	22	90-140	ZTGD0404-MG		
QFGD2525LL13-130H	25x25	150	26	4	13	130-230	ZTGD0404-MG		
QFGD2525LL22-130H	25x25	150	26	4	22	130-230	ZTGD0404-MG		
QFHD2525LL13-58H	25x25	150	26	5	13	58-96	ZTHD0504-MG	M6 x 20	S5
QFHD2525LL 22-58H	25x25	150	26	5	22	58-96	ZTHD0504-MG		
QFHD2525LL 13-86H	25x25	150	26	5	13	86-140	ZTHD0504-MG		
QFHD2525LL 22-86H	25x25	150	26	5	22	86-140	ZTHD0504-MG		
QFHD2525LL13-130H	25x25	150	26	5	13	130-200	ZTHD0504-MG		
QFHD2525LL22-130H	25x25	150	26	5	22	130-200	ZTHD0504-MG		
QFHD2525LL13-185H	25x25	150	26	5	13	185-400	ZTHD0504-MG		
QFHD2525LL22-185H	25x25	150	26	5	22	185-400	ZTHD0504-MG		
QFHS2525LL30-185H	25x25	150	26	5	30	185-400	ZTHS0504-MG		
QFKD2525LL 13-60H	25x25	150	26	6	13	60-100	ZTKD0608-MG		
QFKD2525LL22-60H	25x25	150	26	6	22	60-100	ZTKD0608-MG		
QFKD2525LL13-88H	25x25	150	26	6	13	88-180	ZTKD0608-MG		
QFKD2525LL 22-88H	25x25	150	26	6	22	88-180	ZTKD0608-MG		
QFKD2525LL 13-160H	25x25	150	26	6	13	160-400	ZTKD0608-MG		
QFKD2525LL 22-160H	25x25	150	26	6	22	160-400	ZTKD0608-MG		
QFKS2525LL 30-160H	25x25	150	26	6	30	160-400	ZTKS0608-MG		

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ZQ



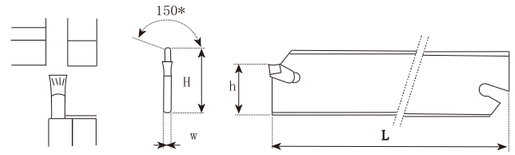




Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
		Stock 库存	h	b	L	S	B	$a_{p max}$			
ZQ	1616R03		16	16	100	16.4	3	16	ZQMX3N11–IE	M5x17	S4
	1616R04		16	16	100	16.4	4	18	ZQMX4N11–IE		
	2020R03		20	20	125	20.4	3	20	ZQMX3N11–IE	M6x20	S5
	2020R04		20	20	125	20.4	4	20	ZQMX4N11–IE		
	2525R03		25	25	150	25.4	3	20	ZQMX3N11–IE		
	2525R04		25	25	150	25.4	4	20	ZQMX4N11–IE		
	2525R05		25	25	150	25.4	5	25	ZQMX5N11–IE		
	2525R06		25	25	150	25.7	6	32	ZQMX6N11–IE		
	3225R03		32	25	170	25.4	3	25	ZQMX3N11–IE	M6x20	S5
	3225R04		32	25	170	25.4	4	25	ZQMX4N11–IE		
	3225R05		32	25	170	25.4	5	25	ZQMX5N11–IE		
	3225R06		32	25	170	25.7	6	32	ZQMX6N11–IE		
ZQ	1616L03		16	16	100	16.4	3	16	ZQMX3N11–IE	M5x17	S4
	1616L04		16	16	100	16.4	4	16	ZQMX4N11–IE		
	2020L03		20	20	125	20.4	3	20	ZQMX3N11–IE	M6x20	S5
	2020L04		20	20	125	20.4	4	20	ZQMX4N11–IE		
	2525L03		25	25	150	25.4	3	20	ZQMX3N11–IE		
	2525L04		25	25	150	25.4	4	20	ZQMX4N11–IE		
	2525L05		25	25	150	25.4	5	25	ZQMX5N11–IE		
	2525L06		25	25	150	25.7	6	32	ZQMX6N11–IE		
	3225L03		32	25	170	25.4	3	25	ZQMX3N11–IE	M6x20	S5
	3225L04		32	25	170	25.4	4	25	ZQMX4N11–IE		
	3225L05		32	25	170	25.4	5	25	ZQMX5N11–IE		
	3225L06		32	25	170	25.7	6	32	ZQMX6N11–IE		

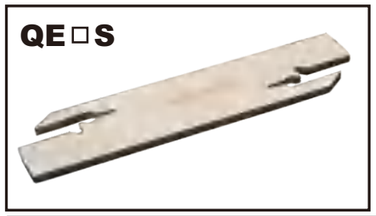
SPB-S 外圆切断的刀板 External Parting Blade

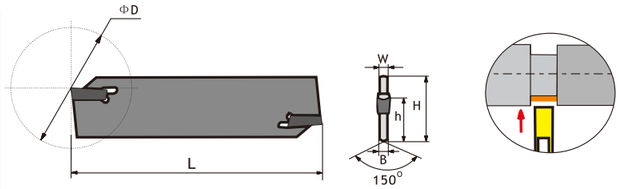




参考注释	刀杆形状		适用条件 切断				适用刀片
型号		库存	H	W	L	h	
SPB	326–S		26	2.4	110	21.6	ZQMX3N11–1E
	426–S		26	3.2	110	21.6	ZQMX4N11–1E
	526–S		26	4.0	110	21.6	ZQMX5N11–1E
	626–S		26	5.2	110	21.6	ZQMX6N11–1E
	332–S		32	2.4	150	25	ZQMX3N11–1E
	432–S		32	3.2	150	25	ZQMX4N11–1E
	532–S		32	4.0	150	25	ZQMX5N11–1E
	632–S		32	5.2	150	25	ZQMX6N11–1E

SPB系列刀板需要配套SANT圣达公司PHS系列刀座 SPB parting blade is matching with PHS parting blade holder from SANT.



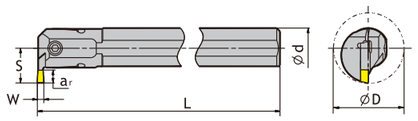


Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Wrench 配套扳手
	Stock 库存 R	Stock 库存 L	L	H	h	B	W	ΦD_{max}		
QEES26N			110	26	19	2	2.5	60	ZPES02502–MG	QS5
QEFS26N			110	26	19	2.4	3	60	ZPFS0302–MG	QS5
QEGS26N			110	26	19	3.2	4	70	ZPGS0402–MG	QS5
QEHS26N			110	26	19	4	5	70	ZPHS0503–MG	QS5
QEKS26N			110	26	19	5	6	70	ZPKS0604–MG	QS5
QEES32N			150	32	24.6	2	2.5	100	ZPES02502–MG	QS5
QEFS32N			150	32	24.6	2.4	3	100	ZPFS0302–MG	QS5
QEGS32N			150	32	24.6	3.2	4	120	ZPGS0402–MG	QS5
QEHS32N			150	32	24.6	4	5	120	ZPHS0503–MG	QS5
QEKS32N			150	32	24.6	5	6	120	ZPKS0604–MG	QS5

QE□S系列刀板需要配套SANT圣达公司QZS系列刀座 QE□S parting blade is matching with QZS parting blade holder from SANT.

内圆切槽及车削刀具 Internal Grooving and Turning Tools

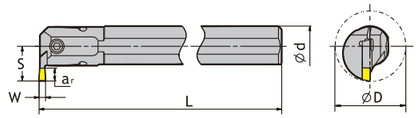




Type 型号	基本尺寸 Dimension(mm)						适用刀片 Applicable inserts	螺钉 Screw	扳手 Wrench
	Ød	L	S	W	最大切深 $a_r$max	ØD（最小加工直径）			
C20Q-QEDR/L 05-27	20	180	15.2	2.5	5	27	ZTED*****-**	M4×10	S3
C25R-QEDR/L 07-33	25	200	20.3	2.5	7	33	ZRED*****-**	M5×17	S4
C32S-QEDR/L 09-42	32	250	25.3	2.5	9	42			
C20Q-QFDR/L 05-27	20	180	15.2	3	5	27	ZTFD****-**	M4×10	S3
C25R-QFDR/L 07-33	25	200	20.3	3	7	33	ZRFD****-**	M5×17	S4
C32S-QFDR/L 09-42	32	250	25.3	3	9	42			
C25R-QGDR/L 08-35	25	200	21.5	4	8	35	ZTGD****-**	M5×17	S4
C32S-QGDR/L 11-44	32	250	27.5	4	11	44	ZRGD****-**	M6×20	S5
C40T-QGDR/L 13-54	40	300	33.5	4	13	54			
C25R-QHDR/L 08-35	25	200	21.5	5	8	35	ZTHD****-**	M5×17	S4
C32S-QHDR/L 11-44	32	250	27.5	5	11	44	ZRHD****-**	M6×20	S5
C40T-QHDR/L 13-54	40	300	33.5	5	13	54			
C25R-QKDR/L 08-35	25	200	21.5	6	8	35	ZTKD****-**	M5×17	S4
C32S-QKDR/L 11-44	32	250	27.5	6	11	44	ZRKD****-**	M6×20	S5
C40T-QKDR/L 13-54	40	300	33.5	6	13	54			
C50T-QKDR/L13-64	50	300	38.1	6	14	64			

MGIVR/L 内圆切槽及车削刀具 Internal Grooving and Turning Tools





Type 型号		基本尺寸 Dimension(mm)					刀片 Inserts	螺钉 Screw	扳手 Wrench
		Ød	L	S	W	最大切深 $a_r$max			
MGIVR/L	2016-1.5	16	125	11.3	1.5	3	MGMN150-M	M3X10	S2.5
	2520-1.5	20	150	13.1	1.5	4	MGMN150-M	M5X12	S4
	2925-1.5	25	200	16.2	1.5	4	MGMN150-M	M5X12	S4
	2016-2	16	125	12.4	2	3	MGMN200-M	M4X10	S3
	2520-2	20	150	14	2	5	MGMN200-M	M5X12	S4
	2925-2	25	200	17.2	2	5	MGMN200-M	M5X12	S4
	2016-2.5	16	125	12.5	2.5	6	MGMN250-M	M4X10	S3
	2520-2.5	20	150	15.1	2.5	6	MGMN250-M	M5X12	S4
	2925-2.5	25	200	18.2	2.5	6	MGMN250-M	M5X12	S4
	2520-3	20	150	15.6	3	6	MGMN300-M	M5X12	S4
	3125-3	25	200	18.9	3	5	MGMN300-M	M5X12	S4
	3732-3	32	250	21.5	3	6	MGMN300-M	M5X17	S4
	2520-4	20	150	15.6	4	6	MGMN400-M	M5X12	S4
	3125-4	25	200	18.9	4	6	MGMN400-M	M5X12	S4
	3732-4	32	250	21.5	4	6	MGMN400-M	M5X17	S4
	3125-5	25	200	19.1	5	8	MGMN500-M	M6X16	S5
	3732-5	32	250	21.5	5	8	MGMN500-M	M6X20	
	3125-6	25	200	19.4	6	8	MGMN600-M	M6X16	
	3732-6	32	250	21.5	6	8	MGMN600-M	M6X20	
	3732-8	32	250	23.2	8	10	MGMN800-M		
	4540-8	40	300	27.2	8	10	MGMN800-M		
	3125-6A	25	200	19.4	6	8	MGMN600-M	M6X16	
	3732-6A	32	250	21.5	6	8	MGMN600-M	M6X20	
	3732-8A	32	250	23.4	8	10	MGMN800-M		
	4540-8A	40	300	27.2	8	10	MGMN800-M		

★ 可安装切断、切槽、车削、仿形刀片。(配套韩国克洛依刀片) Note:The insert is Korloy brand.
Parting, grooving, turning, profiling inserts are adaptable to the tools。

★ 小松鼠系列槽刀刀片选择 Matching Insert

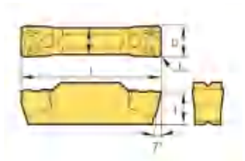
型号 Type	SD2136	SD2336	SD4326	SD4226	SD4236	SD5346	SD5236	SD5450	SD5440	SD5146	基本尺寸(mm) Dimension W	R	最大切深 La max
ZTED02503-MG	●	●		●			●	○			2.5	0.3	17
ZTFD0303-MG	●	●		●			●	○			3	0.3	17
ZTHD0404-MG	●	●		●			●	○			4	0.4	22
ZTHD0504-MG	●	●		●			●	○			5	0.4	22
ZTKD0608-MG	●	●		●			●	○			6	0.8	22
ZTHS0504-MG	○	○		○							5	0.4	-
ZTKS0608-MG	○	○		○							6	0.8	-
P 钢	■	■					■	■					
M 不锈钢	□	■											
K 铸铁		■		■									
N 有色金属													
S 耐热合金、钛合金		■											
H 淬硬材料													



● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

★ 克洛伊系列槽刀刀片选择 Matching Insert

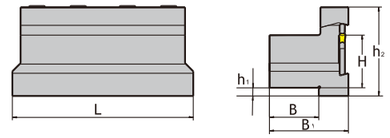
型号 Type	SD2136	SD2336	SD4326	SD4226	SD4236	SD5346	SD5236	SD5450	SD5440	SD5146	基本尺寸(mm) Dimension b	r	l	d	t
MGMN200-M	●	●		●			●	○			2	0.2	16	1.2	3.5
MGMN250-M	●	●		●			●	○			2.5	0.2	18.5	2	3.85
MGMN300-M	●	●		●			●	○			3	0.4	21	2.35	4.8
MGMN400-M	●	●		●			●	○			4	0.4	21	3.3	4.8
MGMN500-M	●	●		●			●	○			5	0.8	26	4.1	5.8
MGMN600-M	●	●		●			●	○			6	0.8	26	5	5.8
P 钢	■	■					■	■							
M 不锈钢	□	■													
K 铸铁		■		■											
N 有色金属															
S 耐热合金、钛合金		■													
H 淬硬材料															



● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

PHS 用于外圆切断刀板的刀座 Parting Blade Holders





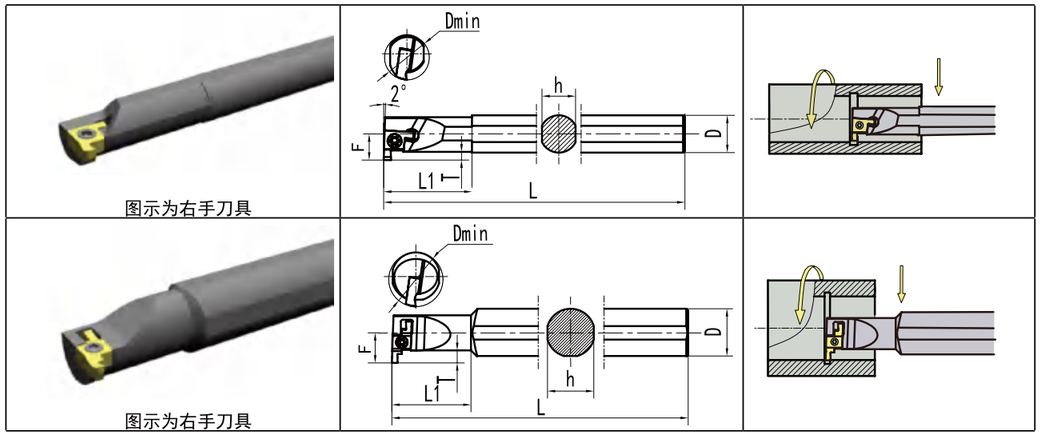
Type 型号	基本尺寸 Dimension(mm) L	H	h1	h2	B	B1	上压板 clamp	螺钉 Screw	扳手 Wrench
PHS2026	86	20	10	46.6	19	38	PHS26	M6×20	S5
PHS2526	86	25	5	46.6	23	42	PHS26		
PHS3226	86	32	3	51.6	30	48	PHS26		
PHS2032	110	20	13	50	19	38	PHS32		
PHS2532	110	25	8	50	23	42	PHS32		
PHS3232	110	32	5	54	30	48	PHS32		

此刀座用于SPB系列刀板 This parting blade holder is for SPB parting blades.

数控车削刀具加工示意图



SIGE 内孔切槽刀杆 Internal Grooving and Turning Tools



刀杆型号 Toolholder Type		刀片型号 Insert Type	最小加工直径	尺寸 Dimensions (mm)						刀片螺钉 Insert Screw	扳手 Torx Key
			Dmin	T	L1	D	F	h	L		
SIGER	0808A	GER**-A GER**AR	8	1.5	20	8	4.8	7.2	100	L60M2.2x5	T06
	1010B	GER**-B GER**-BR	10	2.2	25	10	6.2	9	125	L60M2.5*7	T08
	1210B		12		30	10	7	9	125		
	1412C	GER**-C GER**-CR	14	2.5	33	12	8	11.4	150	L60M2.5*7	T08
	1612C		16		20	12	8.5	11.4	150		
	1616C		16		36	16	9	15	160		
	2020D	GER**-D GER**-DR	20	4.5	40	20	12.1	19	180	L60M3*8	T10
	2525D		25	4.2	45	25	12.3	24	200		
	2525E	GER**-E GER**-ER	25	6.5	45	25	15.6	24	200	L60M4*8.5	T15
	3232E		32		55	32	19	30.4	220		
	4032E		40		–	32	23	30.4	250		
SIGEL	0808A	GEL**-A GEL**AR	8	1.5	20	8	4.8	7.2	100	L60M2.2x5	T06
	1010B	GEL**-B GEL**-BR	10	2.2	25	10	6.2	9	125	L60M2.5*7	T08
	1210B		12		30	10	7	9	125		
	1412C	GEL**-C GEL**-CR	14	2.5	33	12	8	11.4	150	L60M2.5*7	T08
	1612C		16		20	12	8.5	11.4	150		
	1616C		16		36	16	9	15	160		
	2020D	GEL**-D GEL**-DR	20	4.5	40	20	12.1	19	180	L60M3*8	T10
	2525D		25	4.2	45	25	12.3	24	200		
	2525E	GEL**-E GEL**-ER	25	6.5	45	25	15.6	24	200	L60M4*8.5	T15
	3232E		32		55	32	19	30.4	220		
	4032E		40		–	32	23	30.4	250		

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

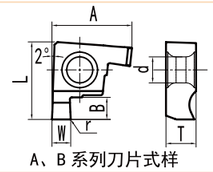
GER 系列内孔切槽刀片 Internal Grooving and Turning Tools

型号 Model	A (mm)	L (mm)	T (mm)	d (mm)
GER**-A	6.69	6.5	2.58	2.5
GER**-B	8.46	8.2	3.18	2.7
GER**-C	5.8	11.48	4.05	2.8
GER**-D	6.8	16.44	5.05	3.4
GER**-E	9.54	21.66	5.55	4.4

☺ 优先推荐 Good recommendation
☺ 一般推荐 General recommendation

材质推荐 material recommended

钢件	P	☺	
不锈钢	M	☺	
铸铁	K	☺	
有色金属	N		☺



A、B 系列刀片式样

刀片 Insert	右手刀片 Right hand	左手刀片 Left hand	槽宽 W	切深 B	圆弧 r	PM125 R	PM125 L	DK110 R	DK110 L	配套刀杆 Toolholders
	GER050-A	GEL050-A	0.5	1.2	0.05	●	○	○	○	右手刀片配右刀杆 SIGER0808A
	GER060-A	GEL060-A	0.6	1.2	0.05	●	○	○	○	
	GER070-A	GEL070-A	0.7	1.2	0.05	●	○	○	○	
	GER080-A	GEL080-A	0.8	1.2	0.05	●	○	○	○	
	GER100-A	GEL100-A	1.0	1.5	0.05	●	○	○	○	
	GER120-A	GEL120-A	1.2	1.5	0.05	●	○	○	○	
	GER125-A	GEL125-A	1.25	1.5	0.05	●	○	○	○	
	GER140-A	GEL140-A	1.4	1.5	0.1	●	○	○	○	
	GER150-A	GEL150-A	1.5	1.5	0.1	●	○	○	○	
	GER180-A	GEL180-A	1.8	1.5	0.1	●	○	○	○	
	GER200-A	GEL200-A	2.0	1.5	0.1	●	○	○	○	
	GER080-B	GEL080-B	0.8	1.8	0.05	●	○	○	○	右手刀片配右刀杆 SIGER1010B SIGER1210B
	GER100-B	GEL100-B	1.0	2.2	0.05	●	○	○	○	
	GER120-B	GEL120-B	1.2	2.2	0.05	●	○	○	○	
	GER125-B	GEL125-B	1.25	2.2	0.05	●	○	○	○	
	GER130-B	GEL130-B	1.3	2.2	0.1	●	○	○	○	
	GER145-B	GEL145-B	1.45	2.2	0.1	●	○	○	○	
	GER150-B	GEL150-B	1.5	2.2	0.1	●	○	○	○	
	GER180-B	GEL180-B	1.8	2.2	0.1	●	○	○	○	
	GER200-B	GEL200-B	2.0	2.2	0.1	●	○	○	○	
	GER225-B	GEL225-B	2.25	2.2	0.1	●	○	○	○	
	GER250-B	GEL250-B	2.5	2.2	0.1	●	○	○	○	
	GER280-B	GEL280-B	2.8	2.2	0.2	●	○	○	○	
	GER300-B	GEL300-B	3.0	2.2	0.2	●	○	○	○	
	GER100-C	GEL100-C	1.0	2.5	0.05	●	○	○	○	右手刀片配右刀杆 SIGER1412C SIGER1612C SIGER1616C
	GER120-C	GEL120-C	1.2	2.5	0.05	●	○	○	○	
	GER125-C	GEL125-C	1.25	2.5	0.05	●	○	○	○	
	GER140-C	GEL140-C	1.4	2.5	0.1	●	○	○	○	
	GER145-C	GEL145-C	1.45	2.5	0.1	●	○	○	○	
	GER150-C	GEL150-C	1.5	2.5	0.1	●	○	○	○	
	GER160-C	GEL160-C	1.6	2.5	0.1	●	○	○	○	
	GER170-C	GEL170-C	1.7	2.5	0.1	●	○	○	○	
	GER185-C	GEL185-C	1.85	2.5	0.1	●	○	○	○	
	GER195-C	GEL195-C	1.95	2.5	0.1	●	○	○	○	
	GER200-C	GEL200-C	2.0	2.5	0.1	●	○	○	○	
	GER225-C	GEL225-C	2.25	2.5	0.1	●	○	○	○	
	GER250-C	GEL250-C	2.5	2.5	0.2	●	○	○	○	
	GER275-C	GEL275-C	2.75	2.5	0.2	●	○	○	○	
	GER280-C	GEL280-C	2.8	2.5	0.2	●	○	○	○	
	GER300-C	GEL300-C	3.0	2.5	0.2	●	○	○	○	
	GER320-C	GEL320-C	3.2	2.5	0.2	●	○	○	○	
	GER350-C	GEL350-C	3.5	2.5	0.2	●	○	○	○	

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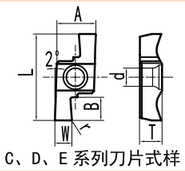
GER 系列内孔切槽刀片 Internal Grooving and Turning Tools

型号 Model	A (mm)	L (mm)	T (mm)	d (mm)
GER**-A	6.69	6.5	2.58	2.5
GER**-B	8.46	8.2	3.18	2.7
GER**-C	5.8	11.48	4.05	2.8
GER**-D	6.8	16.44	5.05	3.4
GER**-E	9.54	21.66	5.55	4.4

☺ 优先推荐 Good recommendation
😐 一般推荐 General recommendation

材质推荐 material recommended

钢件	P	☺	
不锈钢	M	☺	
铸铁	K	😐	
有色金属	N		☺



C、D、E 系列刀片式样

刀片 Insert	右手刀片 Right hand	左手刀片 Left hand	槽宽 W	切深 B	圆弧 r	PM125 R	PM125 L	DK110 R	DK110 L	配套刀杆 Toolholders
	GER100-D	GEL100-D	1.0	2.5	0.05	●	○	○	○	右手刀片配右刀杆 SIGER2020D SIGER2525D
	GER120-D	GEL120-D	1.2	2.5	0.05	●	○	○	○	
	GER125-D	GEL125-D	1.25	2.5	0.05	●	○	○	○	
	GER140-D	GEL140-D	1.4	2.5	0.05	●	○	○	○	
	GER145-D	GEL145-D	1.45	2.5	0.1	●	○	○	○	
	GER150-D	GEL150-D	1.5	3.0	0.1	●	○	○	○	
	GER170-D	GEL170-D	1.7	3.0	0.1	●	○	○	○	
	GER185-D	GEL185-D	1.85	3.0	0.1	●	○	○	○	
	GER195-D	GEL195-D	1.95	3.0	0.1	●	○	○	○	
	GER200-D	GEL200-D	2.0	3.6	0.1	●	○	○	○	
	GER225-D	GEL225-D	2.25	3.6	0.1	●	○	○	○	
	GER230-D	GEL230-D	2.3	3.6	0.2	●	○	○	○	
	GER250-D	GEL250-D	2.5	3.6	0.2	●	○	○	○	
	GER275-D	GEL275-D	2.75	3.6	0.2	●	○	○	○	
	GER280-D	GEL280-D	2.8	4.5	0.2	●	○	○	○	
	GER300-D	GEL300-D	3.0	4.5	0.2	●	○	○	○	
	GER320-D	GEL320-D	3.2	4.5	0.2	●	○	○	○	
	GER350-D	GEL350-D	3.5	4.5	0.2	●	○	○	○	
	GER400-D	GEL400-D	4.0	4.5	0.2	●	○	○	○	
	GER100-E	GEL100-E	1.0	3.0	0.05	●	○	○	○	右手刀片配右刀杆 SIGER2525E SIGER3232E SIGER4032E
	GER150-E	GEL150-E	1.5	3.5	0.1	●	○	○	○	
	GER170-E	GEL170-E	1.7	3.5	0.1	●	○	○	○	
	GER185-E	GEL185-E	1.85	3.5	0.1	●	○	○	○	
	GER195-E	GEL195-E	1.95	3.5	0.1	●	○	○	○	
	GER200-E	GEL200-E	2.0	3.8	0.1	●	○	○	○	
	GER225-E	GEL225-E	2.25	3.8	0.1	●	○	○	○	
	GER230-E	GEL230-E	2.3	3.8	0.2	●	○	○	○	
	GER250-E	GEL250-E	2.5	4.5	0.2	●	○	○	○	
	GER275-E	GEL275-E	2.75	4.5	0.2	●	○	○	○	
	GER280-E	GEL280-E	2.8	4.5	0.2	●	○	○	○	
	GER300-E	GEL300-E	3.0	4.5	0.2	●	○	○	○	
	GER330-E	GEL330-E	3.3	4.5	0.2	●	○	○	○	
	GER350-E	GEL350-E	3.5	5.5	0.2	●	○	○	○	
	GER400-E	GEL400-E	4.0	5.5	0.2	●	○	○	○	
	GER430-E	GEL430-E	4.3	5.5	0.2	●	○	○	○	
	GER450-E	GEL450-E	4.5	6.5	0.2	●	○	○	○	
	GER460-E	GEL460-E	4.6	6.5	0.2	●	○	○	○	
	GER500-E	GEL500-E	5.0	6.5	0.2	●	○	○	○	

● 常备库存（主推） Standing stock ○ 非常备库存 Extraordinary stock

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GER 系列内孔切槽刀片 Internal Grooving and Turning Tools

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☺ 优先推荐 Good recommendation
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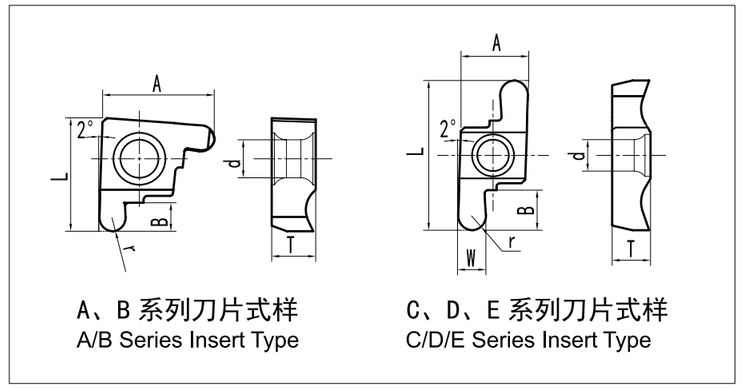
材质推荐 material recommended

钢件	P	☺	
不锈钢	M	☺	
铸铁	K	😐	
有色金属	N		☺

图片式样见下图
See the following two pictures

刀片 Insert	右手刀片 Right hand	左手刀片 Left hand	槽宽 W	切深 B	圆弧 r	PM 25 R	PM 25 L	DK 10 R	DK 10 L	配套刀杆 Toolholders
	GER100-050AR	GEL100-050AR	1.0	1.5	0.5	●	○	○	○	右手刀片配右刀杆 SIGER0808A
	GER150-075AR	GEL150-075AR	1.5	1.5	0.75	●	○	○	○	
	GER200-100AR	GEL200-100AR	2.0	1.5	1	●	○	○	○	
	GER100-050BR	GEL100-050BR	1.0	2.2	0.5	●	○	○	○	右手刀片配右刀杆 SIGER1010B SIGER1210B
	GER150-075BR	GEL150-075BR	1.5	2.2	0.75	●	○	○	○	
	GER200-100BR	GEL200-100BR	2.0	2.2	1	●	○	○	○	
	GER250-125BR	GEL250-125BR	2.5	2.2	1.25	●	○	○	○	
	GER300-150BR	GEL300-150BR	3.0	2.2	1.5	●	○	○	○	
	GER100-050CR	GEL100-050CR	1.0	2.5	0.5	●	○	○	○	右手刀片配右刀杆 SIGER1412C SIGER1612C SIGER1616C
	GER150-075CR	GEL150-075CR	1.5	2.5	0.75	●	○	○	○	
	GER200-100CR	GEL200-100CR	2.0	2.5	1	●	○	○	○	
	GER250-125CR	GEL250-125CR	2.5	2.5	1.25	●	○	○	○	
	GER300-150CR	GEL300-150CR	3.0	2.5	1.5	●	○	○	○	
	GER150-075DR	GEL150-075DR	1.5	3.2	0.75	●	○	○	○	右手刀片配右刀杆 SIGER2020D SIGER2525D
	GER200-100DR	GEL200-100DR	2.0	3.2	1	●	○	○	○	
	GER250-125DR	GEL250-125DR	2.5	4.5	1.25	●	○	○	○	
	GER300-150DR	GEL300-150DR	3.0	4.5	1.5	●	○	○	○	
	GER250-125ER	GEL250-125ER	2.5	5.5	1.25	●	○	○	○	右手刀片配右刀杆 SIGER2525E SIGER3232E SIGER4032E
	GER300-150ER	GEL300-150ER	3.0	5.5	1.5	●	○	○	○	
	GER350-175ER	GEL350-175ER	3.5	5.5	1.75	●	○	○	○	
	GER400-200ER	GEL400-200ER	4.0	6.5	2	●	○	○	○	
	GER450-225ER	GEL450-225ER	4.5	6.5	2.25	●	○	○	○	
	GER500-250ER	GEL500-250ER	5.0	6.5	2.5	●	○	○	○	

● 常备库存（主推） Standing stock ○ 非常备库存 Extraordinary stock



A、B 系列刀片式样
A/B Series Insert Type

C、D、E 系列刀片式样
C/D/E Series Insert Type

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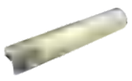
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镗削刀具系列 BORING TOOLS P253~P279

Category 类别	Shape 形状		Feature 特征	Category 类别	Shape 形状		Feature 特征
面铣刀	Kr:45° AF01 	113页	大前角设计，切削轻快 刀片槽型多样，应用广 配合修光，良好表面质量 参考： SE□T 12T3	面铣刀	Kr:45° AF02 	114页	大前角设计，切削轻快 刀片槽型多样，应用广 梳齿设计，震动平衡小 参考： SE□T 12T3
	Kr:45° AF03 	116页	压板式固定，装卸简单 高硬度合金刀垫，抗冲击强。 参考： SE□N 1203（Zccct） SE□N 1504（Zccct）		Kr:45° AF04 	117页	8刃口经济型刀片螺钉压紧，精度高作用广泛 参考： OFKT 05T3(Zccct)
	Kr:45° AF04 	118页	8刃口经济型刀片压块压紧，装卸刀片简单轴向可调节。 参考： OFKR07（Zccct）		Kr:45° AF05 	119页	8刃口经济型刀片螺钉压紧，精度高作用广泛 参考： OD□□ 0605(瓦尔特)
	Kr:45° AF06 	120~121页	16刃负角刀片，经济性能好，抗冲击能力强。 参考： ON□□ 0604□□（Zccct） ON□□ 08T5□□（Zccct）		Kr:45° AF08 	122页	8刃负角刀片，经济性能好切削阻力小，轻快 参考： SNEX 1206ANN(克洛伊)
	Kr:45° AF09 	123页	8刃负角刀片，经济性能好，刃口抗冲击强。 参考： SNMX 1205XTN(特固克)		Kr:45° AF10 	124页	10刃负角刀片，高经济性能螺旋型构造，阻力小，双切结构，强度高 参考： PNMU 1205ANER(京瓷)
	Kr:45° AF11 NEW 	125页	14刃负角刀片，经济性能好，切削阻力小，轻快。 参考： XNMX 070508		Kr:45° AF12 NEW 	127页	8刃负角刀片，丰富的槽型可满足不同工况的高效加工。 参考： SNGX 1205ANN
	Kr:55° DF01 	129页	12刃负角刀片，高经济性能，压块压紧，装卸刀片简单。 参考： HNEX 0905（Zccct）		Kr:67° DF01 	130~131页	10刃负角刀片，高经济性能螺旋型构造，阻力小，双切结构，强度高。 参考： PNEG 110512R（Zccct）
	Kr:60° DF02 	132页	双正前角，低切削力 立装刀片，大切重载加工，装夹简单。 参考： LNKT 2510（Zccct）		Kr:65° DF03 	133~134页	8刃负角刀片，经济性能好，切削平衡，阻力小，铸铁和钢的优良选择。 参考： R365-1505ZNE（山特）
	Kr:75° EF02 	135页	双正前角，低切削力 立装刀片，大切重载加工，装夹简单。 参考： LNKT 1506（Zccct）		Kr:75° EF03 	136页	压板式固定，装卸简单高硬度合金刀垫，抗冲击强。 参考： SPKN 1203（Zccct） SPKN 1504（Zccct）

类别	Shape 形状		Feature	Category 类别	Shape 形状		Feature
面铣刀	**Kr:75° EF04** 	137页	通用性强刃片槽型多，适用广 参考： SPK□ 1204（Zccct）	面铣刀	**Kr:75° EF06** 	138页	重切削切深大，大幅提高了单位时间内切削排出量 参考： SPMT 1806 EDER（京瓷）
	Kr:75° EF08 NEW 	139页	8刃负角刀片，丰富的槽型可满足不同工况的高效加工 参考： SNGX1205ENN		**Kr:88° PF88** NEW 	141页	8刃负角刀片，丰富的槽型可满足不同工况的高效加工 参考： SNGX1205PNN
	Kr:90° PF01 	143页	结构简单，装卸刀片快捷，经济适用性好 参考： TPKN 2204（Zccct）		**Kr:90° PF02** 	144–146页	疏，密，超密齿设计，获得良好的工件表面质量，适用于精，半精和粗加工 参考： SEET 09T308PER（Zccct） SEET 120308PER（Zccct）
	Kr:90° PF03 	147–148页	双正前角，低切削力立装刀片，大切重载加工，装夹简单 参考： LNKT 1506EN–ZR（Zccct） LNKT 2007DN–ZR（Zccct） LNKT 2510–ZR（Zccct）		**Kr:90° PF04** 	149页	疏，密，超密齿设计，获得良好的工件表面质量，适用于精，半精和粗加工 参考： R290–12T308（山特）
	Kr:90° PF06 	150页	4刃角刀片，经济性好 大前角设计，低切削力 高精度，装卸简单 参考： SOMT 12T308PEER（三菱）		**Kr:90° PF07** 	151页	4刃角刀片，经济性好 切刃锋利，阻力小 轴向抗力小 参考： XDMT 120408PDER（住友）
	Kr:90° PF08 	152页	4角立装刀片，装卸简单，切削锋利，刀尖强度大，切削稳定 参考： LNMX170808 PNSR（住友）		**Kr:90° PF09** 	153页	6刃负角刀片，经济性能好刃口抗冲击强大前角设计，切削锋利 参考： XNEX 0806（山高）
	Kr:90° PF10 NEW 	154页	低阻力的良好切削效果，大前角确保低阻力，抗振刀能力强，厚规格设计抗崩损性卓越 参考： WNMU080608 （京瓷）		**Kr:90° PF11** NEW 	156–157页	6刃负角刀片，经济性能好刃口冲击强，大前角设计抗震能力强。 参考： XNGU090508PRHDE(特固克)
	Kr:R RF01 	159–160页	极强的切削刃口螺钉压紧，装卸简单经济性好 参考： RCKT 10T3MO–DR（Zccct） RCKT 1204MO–DR（Zccct） RCKT 1606MO–DR（Zccct） RCKT 2006MO–DR（Zccct）		**Kr:R RF02** 	161–162页	极强的切削刃口螺钉压紧，装卸简单经济性好 参考： RDKW 0803MO（Zccct） RDKW 10T3/1204MO（Zccct） RDKW 1204MO（Zccct） RDKW 1605MO（Zccct） RDKW 2006MO（Zccct）
	Kr:R RF03 	163页	大前角设计，切削阻力小，锋利，经济性好 刀片装卸简单 参考： RPMT/W 1204（三菱） RPMT1606 （三菱）		**Kr:R RF04** 	164页	仿振刃形设计螺钉压紧，简单稳定 参考： QPMT 1204MO（住友）

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Category 类别	Shape 形状		Feature 特征	Category 类别	Shape 形状		Feature 特征
方肩台阶铣刀	**Kr:90° PE01** 	165页	带修光刃，三维螺旋刃，切削阻力小 参考： APKT 11T3□□（Zccct） APKT 1604□□（Zccct）	方肩台阶铣刀	**Kr:90° PE01** 	166页	带修光刃，三维螺旋刃，切削阻力小 参考： APKT 11T3□□（Zccct） APKT 1604□□（Zccct）
	Kr:90° PE02 	167页	正螺旋，排屑 好 密齿型结构 加工效率高 参考： APKT 11T3□□（Zccct）		**Kr:90° PE02** 	168页	正螺旋，排屑好密齿型 参考： APKT 11T3□□（Zccct）
	Kr:90° PE03 	169页	底刃过中心，可直接钻孔加工 参考： APMT 113504PDER（Zccct） APMT 160408PDER（Zccct）		**Kr:90° PE04** 	170页	刃口抗冲击力强，切削阻力小，耐用性高 参考： LD□□ 1504（森拉天时）
	Kr:90° PE05 	171页	带修光刃，三维螺旋刃，切削阻力小，抗冲击能力强 参考： APKT 1705PER（特固克）		**Kr:90° PE05** 	172页	带修光刃，三维螺旋刃，切削阻力小，抗冲击能力强 参考： APKT 1705PER（特固克）
	Kr:90° PE06 	173页	独自的曲线状切刃，提高刀尖强度，切削阻力低，良好的90°，适用于精加工 参考： AXMT 1235□□PEER（住友） AXMT 1705□□PEER（住友）		**Kr:90° PE06** 	174页	大前角设计，切削轻快独独自的曲线状切刃，提高刀尖强度，切削阻力低，良好90°，适用于精加工90°，适用于精加工 参考： AXMT 1235□□PEER（住友） AXMT 1705□□PEER（住友）
	Kr:90° PE07 	175页	底刃过中心，可直接钻孔加工 参考： APMT 1035PDER（住友） APMT 1605PDER（住友）		**Kr:90° PE08** 	176页	三维曲线状切刃，提高刀尖强度，切削阻力低，良好的90°，适用于精加工 参考： ADMT 080304R（瓦尔特） ADMT 120408R（瓦尔特）
	Kr:90° PE08 	177页	三维曲线状切刃，提高刀尖强度，切削阻力低，良好的90°，适用于精加工 参考： ADMT 080304R（瓦尔特） ADMT 120408R（瓦尔特） ADMT 160608R（瓦尔特）		**Kr:90° PE09** 	178页	三维曲线状切刃，切削阻力低，良好的90°，适用于精加工 参考： R390–11T3□□（山特） R390–1704□□（山特）
	Kr:90° PE09 	179页	三维曲线状切刃，切削阻力低，良好的90°，适用于精加工 参考： R390–11T3□□（山特） R390–1704□□（山特）		**Kr:90° PE10** 	180页	直角度好 低切削力 参考： BDMT1103□□（京瓷） BDMT1704□□（京瓷）
	Kr:90° PE10 	181页	直角度好 低切削力 参考： BDMT 11T3□□ER（京瓷） BDMT 1704□□ER（京瓷）		**Kr:90° PE11** 	182页	直角度好，大前角设计，低切削力适用于精加工 参考： APKT 100304PDER（伊斯卡）

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

Category 类别	Shape 形状		Feature 特征	Category 类别	Shape 形状		Feature 特征
方肩台阶铣刀	Kr:90° PE12 	183页	4刃负角刀片，经济性能好，抗冲击强 参考：LN□X151008PNR（克洛伊）		Kr:90° PE14 NEW 	184-185页	三维曲线状态刃，切削阻力低，适用于精加工。 参考：AXMT11T308（Zccct、三特）
仿形铣刀	Kr:R RB01 	187页	适合大型模具的粗加工，圆弧刃采用三面刃，经济性好 参考：ZDET 08T2（Zccct） ZDET 1103（Zccct） ZDET 13T3（Zccct） ZPNT 2204（Zccct）	仿形铣刀	Kr:R RB02 	188-190页	适合模具的粗加工，采用三维复杂的槽型，圆弧精度高，抗振性好 参考：XPHT 16/20/25/30/32R803（Zccct）
	Kr:R RB03 	191-192页	刀具精度高，用于仿形精加工，安装精度高，稳定性好 参考：ZOHX1203/1604/2005/2506/3007/3207（Zccct）		Kr:R RB04 	193页	大前角设计，切削阻力小，切削刃强度高，防偏转结构，波浪刃型 参考：ZNMT 1804100-C（住友） ZNMT 2205125-C（住友） ZNMT 2706150-C（住友）
三面刃铣刀	Kr:R PT01 	194页	抗冲击力强，切削阻力小 参考：MPHT 060304-DM（Zccct） MPHT 080305-DM（Zccct） MPHT 120408-DM（Zccct）	三面刃铣刀	Kr:R PT01 	195页	抗冲击力强，切削阻力小 参考：MPHT 060304-DM（Zccct） MPHT 080305-DM（Zccct） MPHT 120408-DM（Zccct）
	Kr:90° PT01 	196页	抗冲击力强，切削阻力小 参考：MPHT 060304-DM（Zccct） MPHT 080305-DM（Zccct） MPHT 120408-DM（Zccct）		Kr:90° PT02 	198-199页	切削锋利，浅槽加工，4刃，经济性好 参考：XSEQ 1202/1203（Zccct）/12T3/1204/12T4（Zccct）
	Kr:90° PT02 	200-201页	切削锋利，浅槽加工，4刃，经济性好 参考：XSEQ 1202/1203（Zccct）/12T3/1204/12T4（Zccct）		Kr:90° PT03 NEW 	202-203页	刀片立装结构抗冲击性能优良，切削更轻快。 参考：AXMT11T308（Zccct、三特）
	Kr:90° PT04 NEW 	205-206页	切削锋利，浅槽加工，4刃，经济性好 参考：LNET102304/2804/3304-GM(Zccct) LNET123804/4304/4804/5304-GM(Zccct)		Kr:90° PT04 NEW 	207-210页	刀片立装结构抗冲击性能优良，切削更轻快。 参考：LNET102304/2804/3304-GM(Zccct) LNET123804/4304/4804/5304-GM(Zccct)
	Kr:90° PT05 NEW 	211-212页	刀片立装结构抗冲击性能优良,加工槽底表面质量好。 参考：LNGX1005□□-GM(Zccct) LNGX1407□□-GM(Zccct)		Kr:90° PT05 NEW 	213-214页	刀片立装结构抗冲击性能优良,加工槽底表面质量好。 参考：LNGX1005□□-GM(Zccct) LNGX1407□□-GM(Zccct)

Category 类别	Shape 形状		Feature 特征	Category 类别	Shape 形状		Feature 特征
倒角铣刀	Kr:45° AC01 	215页	小平面倒角，孔倒角，铣削倒角 参考：SPMT 120408（Zccct）	倒角铣刀	Kr:60° DC01 	216页	小平面倒角，孔倒角，铣削倒角 参考：SPMT 120408（Zccct）
	Kr:30° ZC01 	217页	小平面倒角，孔倒角，铣削倒角 参考：SPMT 120408（Zccct）	模具铣刀	铣刀盘杆 	232-236页	市场通用产品，性价比高。

Category 类别	Shape 形状		Feature 特征	Category 类别	Shape 形状		Feature 特征
大进给铣刀	Kr:x XK01 	218页	有效分解径向切削力，大进给切削，用于插铣加工，双重压紧，牢固可靠 参考：SDMT 09T3（Zccct） SDMT 1204（Zccct）	大进给铣刀	Kr:x XK01 	219页	有效分解径向切削力，大进给切削，用于插铣加工，双重压紧，牢固可靠 参考：SDMT 09T3-DM（Zccct） SDMT 1204（Zccct）
	Kr:x XK02 	220-221页	有效分解径向切削力，大进给切削，用于插铣加工，双重压紧，牢固可靠 参考：WPGT 05/06/08/09（Zccct）		Kr:x XK02 	222页	有效分解径向切削力，大进给切削，用于插铣加工，双重压紧，牢固可靠 参考：WPGT 060415ZSR（Zccct） WPGT 080615ZSR（Zccct） WPGT 090725ZSR（Zccct）
	Kr:x XK03 	223页	6刃负角刀片，经济性能好 参考：WNMX 09T316NN-MM（克洛伊）		Kr:x XK03 	224页	6刃负角刀片，经济性能好 参考：WNMX 09T316NN-MM（克洛伊）
	Kr:x XK04 NEW 	225页	6刃双面槽铣刀片具适合高效率的大进给加工。 参考：WXMU080612RGM		Kr:x EXN 	227页	高效率、低切削抗力，具有高密度刀座的大进给铣刀。 参考：LNMU0303ZER
	Kr:x EXN 	226页	高效率、低切削抗力，具有高密度刀座的大进给铣刀。 参考：LNMU0303ZER		Kr:x TE90 NEW 	228-229页	设计密度小，双面四角可用，抗冲击性能强，经济高效。 参考：4NKT060308

Category 类别	Shape 形状		Feature 特征	Category 类别	Shape 形状		Feature 特征
螺旋立铣刀	Kr:90° PH01 	230页	震动小，抗冲击强，大切深，合适粗加工的高效率 参考：APKT 150412（Zccct） SPMT 120408（Zccct）	螺旋立铣刀	Kr:90° PH01 	231页	震动小，抗冲击强，大切深，合适粗加工的高效率 参考：APKT 150412（Zccct） SPMT 120408（Zccct）

★ 可转位铣削刀具型号表示规则 Milling Tool Code Key

主偏角 Lead Angle		
A	45°	
D	60°	
E	75°	
P	90°	
Z	30°	
R	圆形	
X	特殊 Special	

刀具类别 Type Of Tools	
F	面铣刀 Face milling tool
E	方肩台阶铣刀 Shoulder milling tool
B	仿型铣刀 Profile milling tool
T	槽铣刀 T slot milling tool
K	大给进铣刀 High feed milling cutter
C	倒角铣刀 Chamfer milling tool
H	螺旋立铣刀 Helical end face milling tool

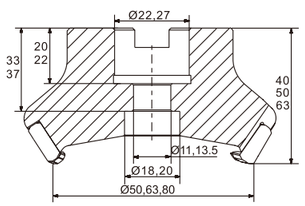
切削刃长度(mm) Cutting Edge Length						
刀片 Insert 内接圆直径 Incircle diameter	刀片形状 Shape of blade					
	C	D	R	S	T	L
5.556	—	—	—	—	09	—
6.350	06	07	—	—	11	—
9.525	09	11	09	09	16	—
12.700	12	15	12	12	22	—
15.875	16	19	15	15	27	—
19.050	19	—	19	19	33	—
25.400	25	—	25	25	44	25

类别编号 Number Of Type

A F 01 . 12

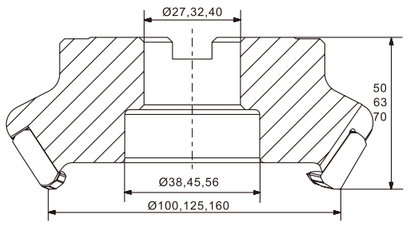
套式结构 Shell Structure

A 型接口 A Type Of Adapter



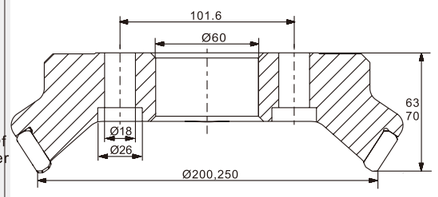
GB5342-96规定的Ø50-Ø80 套式面铣刀
GB5342-96ofø50-ø80shell Facmilling Cutter

B 型接口 B Type Of Adapter



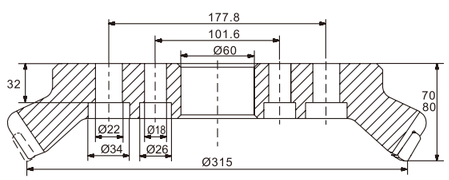
GB5342-96规定的Ø100-Ø160 套式面铣刀
GB5342-96ofø100-ø160shell Facmilling Cutter

C 型接口 C Type Of Adapter



GB5342-96规定的Ø200-Ø250
套式面铣刀

D 型接口 D Type Of Adapter



GB5342-96规定的Ø315及以上的
套式面铣刀

侧固式柄、直柄、莫式锥柄等连接方式参阅工具系统部分技术资料 Side-locked Shank、Straight Shank、Morse Taper Shank

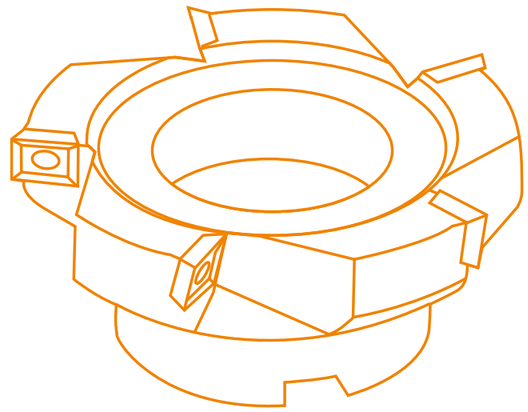
刀具安装部位结构(如下图) Tool Installation Position			
A	A型接口 A type of adapter	W	侧固式 Side-locked
B	B型接口 B type of adapter	T	可换头 Replaceable Head
C	C型接口 C type of adapter	MT	莫氏 Morse
D	D型接口 D type of adapter	BT	锥式 Taper
Z	直杆 Straight shank	J	健槽式 Spline

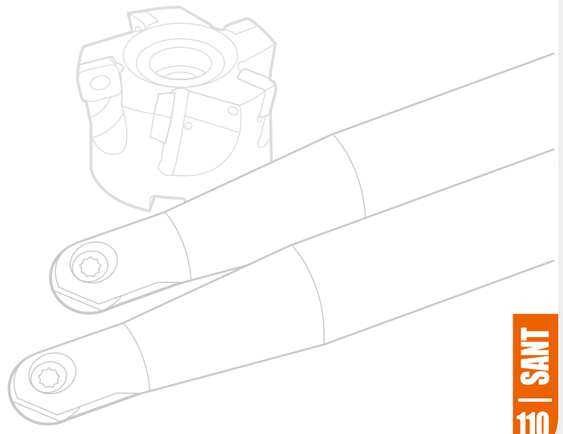
切削方向 (R: 右 Right L: 左 Left 缺省为R型) Cutting Direction			面铣刀具 Face Milling Tool
刀具长度 Tool Length	S	短 short	铣刀杆 Cutter Arbor
	M Measure	标准 Standard	
	L	加长 lengthening	
槽型宽度 Groove Width	H12		三面刃铣刀 Side And Face Milling Tool
最深加工 The deepest machining	104		螺旋立铣刀 Helical And Face Milling Tool

A22 . 050 . 04 . R

刀具加工部分直径 ØD Diameter

齿数(螺旋立铣刀为槽数) Tooth





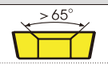
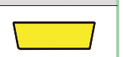
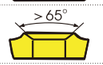
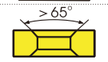
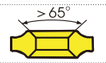
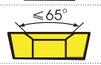
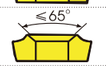
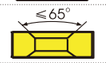
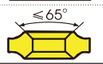
★ 可转位铣削刀片命名规则 Milling Insert Code Key

刀片形状 / 代号

 A	 B	 C
 D	 E	 H
 K	 L	 M
 O	 P	 R
 S	 T	 V
 W	其他 Z	

形状代号

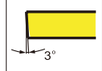
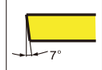
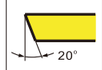
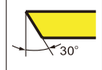
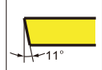
公制

代号	有无孔	有无断屑槽	刀片剖面	代号	有无孔	有无断屑槽	刀片剖面
B	有	无		N	无	无	
H	有	单面		R	无	单面	
C	有	无		F	无	双面	
J	有	双面		A	有	无	
W	有	无		M	有	单面	
T	有	单面		G	有	双面	
Q	有	无		X	---	---	特殊
U	有	双面					

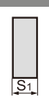
断屑槽及夹固形式

S P K N

主切削刃后角

代号	后角(度)	代号	后角(度)
A	 3°	B	 5°
C	 7°	D	 15°
E	 20°	F	 25°
G	 30°	N	 0°
P	 11°	O	其他的后角

公差



代号	刀尖高度m 公差(mm)	内接圆ØD1 公差(mm)	厚度S1 公差(mm)
A	±0.005	±0.025	±0.025
F	±0.005	±0.013	±0.025
C	±0.013	±0.025	±0.025
H	±0.013	±0.013	±0.025
E	±0.025	±0.025	±0.025
G	±0.025	±0.025	±0.13
J	±0.005	±0.05-±0.13	±0.025
K	±0.013	±0.05-±0.13	±0.025
L	±0.025	±0.05-±0.13	±0.025
M	±0.08-±0.18	±0.05-±0.13	±0.13
N	±0.08-±0.18	±0.05-±0.13	±0.025
U	±0.13-±0.38	±0.08-±0.25	±0.13

(参考）M级精度详细情况（按形状、大小分）

● 刀尖高度公差（mm）

内接圆	正三角形	正方形	80°菱形	55°菱形	35°菱形	圆形
6.35	±0.08	±0.08	±0.08	±0.11	±0.16	---
9.525	±0.08	±0.08	±0.08	±0.11	±0.16	---
12.7	±0.13	±0.13	±0.13	±0.15	---	---
15.875	±0.15	±0.15	±0.15	±0.18	---	---
19.05	±0.15	±0.15	±0.15	±0.18	---	---
25.4	---	±0.18	---	---	---	---

● 内接圆ØD1公差(mm)

内接圆	正三角形	正方形	80°菱形	55°菱形	35°菱形	圆形
6.35	±0.05	±0.05	±0.05	±0.05	±0.05	---
9.525	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05
12.7	±0.08	±0.08	±0.08	±0.08	---	±0.08
15.875	±0.10	±0.10	±0.10	±0.10	---	±0.10
19.05	±0.10	±0.10	±0.10	±0.10	---	±0.10
25.4	---	±0.13	---	---	---	±0.13

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

内接圆直径 (mm)	刀片形状 C	D	R	S	T	V	W
3.97					06		
5.0			05				
5.56					09		
6.0			06				
6.35	06	07			11	11	
8.0			08				
9.525	09	11	09	09	16	16	06
10.0			10				
12.0			12				
12.7	12	15	12	12	22	22	08
15.875	16		15	15	27		
16.0		19	16				
19.05	19		19	19	33		
20.0			20				
25.0	25	25	25				
25.4			25	25			
31.75			31				
32			32				

切削刃长度

厚度指刀片底面与切削刃最高部分之间的高度

代号	刀片厚度(mm)
00	0.79
T0	0.99
01	1.59
T1	1.98
02	2.38
T2	2.58
03	3.18
T3	3.97
04	4.76
T4	4.96
05	5.96
T5	5.95
06	6.35
T6	6.75
07	7.94
09	9.52
T9	9.72
11	11.11
12	12.70

刀片厚度

12 04 ED T21 R -DM

修光刃

	Kr		αn
A	45°	A	3°
D	60°	B	5°
E	75°	C	7°
F	85°	D	15°
P	90°	E	20°
Z	其它	F	25°
		G	30°
		N	0°
		P	11°
		Z	其它

切削刃倒棱(mm)

F	0-5°	0-0.10	K
E	1-10°	1-0.15	P
	2-15°	2-0.20	
	3-20°	3-0.25	
T	4-25°	4-0.30	W
	5-30°	5-0.35	
		6-0.40	
S		7-0.45	不标

断屑槽型代号

切削方向

R	右
L	左
N	双向

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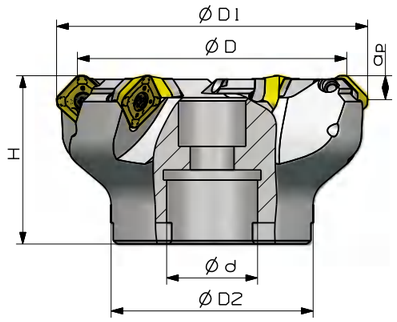
面铣刀具 Kr:45°

P M K N S

AF01



密齿等齿距



★ 刀具附件 Spare parts

刀片 Insert	刀垫 Shim	螺套 Threaded Sleeve	刀片螺钉 Insert Screw	扳手 Wrench	扳手 Wrench
SE□T12T3	S13BS	SM0508	TL60 M3.5X10-5.3	15 IP	S3.5

注明：配套刀片与株洲钻石、三菱、山特、住友通用。Note: Insert can be Zccct/Mitsubishi/Sandvik/Sumitomo brands.

★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	$ØD_2$	$ØD_1$	ØD	ød	H	a_p			
AF01.12A22.050.04	40	62.4	50	22	40	6	A	4	0.3
AF01.12A22.063.05	50	75.4	63	22	40	6	A	5	0.5
AF01.12A27.080.06	60	92.4	80	27	50	6	A	6	1.3
AF01.12B32.100.07	70	112.4	100	32	50	6	B	7	1.8
AF01.12B40.125.08	80	137.4	125	40	63	6	B	8	3.0
AF01.12B40.160.10	100	172.4	160	40	63	6	B	10	5.0
AF01.12C60.200.12	160	212.4	200	60	63	6	C	12	6.8
AF01.12C60.250.14	200	262.4	250	60	63	6	C	14	11.2
AF01.12D60.315.18	270	327.4	315	60	70	6	D	18	20.8

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

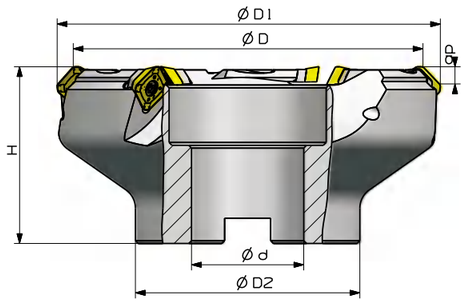
面铣刀具 Kr:45°

P M K N S

AF02



疏齿不等齿距



★ 刀具附件 Spare parts

刀片 Insert	刀垫 Shim	螺套 Threaded Sleeve	刀片螺钉 Insert Screw	扳手 Wrench	扳手 Wrench
SE□T12T3	S13BS	SM0508	TL60 M3.5X10-5.3	15 IP	S3.5

注明：配套刀片与株洲钻石、三菱、山特、住友通用。 Note: Insert can be Zccct/Mitsubishi/Sandvik/Sumitomo brands.

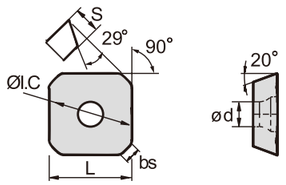
★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	$ØD_2$	$ØD_1$	ØD	ød	H	a_p			
AF02.12A22.050.03	40	62.4	50	22	40	6	A	3	0.3
AF02.12A22.063.04	50	75.4	63	22	40	6	A	4	0.5
AF02.12A27.080.04	60	92.4	80	27	50	6	A	4	1.2
AF02.12B32.100.05	70	112.4	100	32	50	6	B	5	1.8
AF02.12B40.125.06	80	137.4	125	40	63	6	B	6	3.55

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

★ 刀片选择 Matching Insert

型号 Type	SD2136	SD2336	SD4326	SD4226	SD5346	SD5236	SD5450	SD5440	SD5146	基本尺寸(mm) Dimension L	ØI.C	S	Ød	bs
SEET12T3-FM	●	●	○				○	○		13.4	13.4	3.97	4.1	2.55
SEET12T3-SM	●	●	○	○	○	○	○	○		13.4	13.4	3.97	4.1	2.55
SEET12T3-SR		○							○	13.4	13.4	3.97	4.1	2.55
P 钢	■	■			■	■	■	■	■					
M 不锈钢	□	■				■	■							
K 铸铁		■	■	■										
N 有色金属														
S 耐热合金、钛合金		■												
H 淬硬材料														



● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

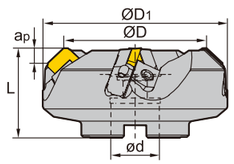
面铣刀具 Kr:45°



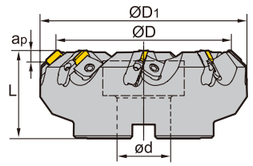
AF03



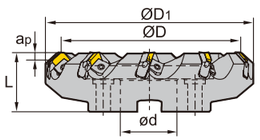
A型接口



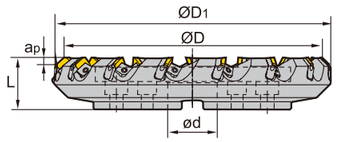
B型接口



C型接口



D型接口



★ 刀具附件 Spare parts

刀片 Insert	刀夹 Tool chuck	压块 Clamp	双头螺钉 Double Headed Screw	刀夹螺钉 Tool chuck screw	扳手 Wrench
SE□N1203	LSE12R/L	W05R/L	DM8×21X	LOM5×15.1	S3
SE□N1504	LSE15R/L	W01R/L			S4

注明：配套刀片建议参考株洲钻石刀片。Note：The Insert Is Zccct Brand.

★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension ØD	ØD1	ød	L	apmax	Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
AF03.12A27.080.04	80	103	27	50	5.5	A	4	1.8
AF03.12B32.100.05	100	122	32	50	5.5	B	5	2.4
AF03.12B40.125.06	125	147	40	63	5.5	B	6	4.4
AF03.12B40.160.08	160	181	40	63	5.5	B	8	6.4
AF03.12C60.200.10	200	221	60	63	5.5	C	10	8.5
AF03.12C60.250.12	250	270	60	63	5.5	C	12	14.1
AF03.12D60.315.15	315	353	60	63	5.5	D	15	22.2
AF03.15A27.080.04	80	103	27	50	7.5	A	4	1.7
AF03.15B32.100.05	100	122	32	50	7.5	B	5	2.3
AF03.15B40.125.06	125	147	40	63	7.5	B	6	4.2
AF03.15B40.160.08	160	181	40	63	7.5	B	8	6.1
AF03.15C60.200.10	200	221	60	63	7.5	C	10	8.3
AF03.15C60.250.12	250	270	60	63	7.5	C	12	13.6
AF03.15D60.315.15	315	353	60	63	7.5	D	15	21.8

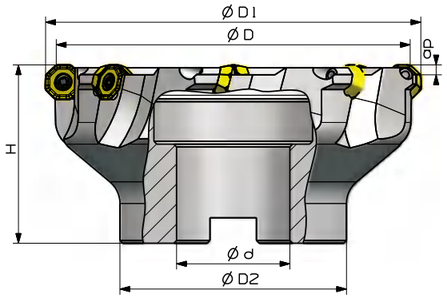
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面铣刀具 Kr:45°

P M K N

AF04





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
OFKT05T3	TL60 M4X10-5.7	T15

注明：配套刀片建议参考株洲钻石刀片。Note：The Insert Is Zccct brand.

★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	ØD2	ØD1	ØD	ød	H	ap			
AF04.05A22.050.04	40	56	50	22	40	3.5	A	4	0.3
AF04.05A22.050.05	40	56	50	22	40	3.5	A	5	0.4
AF04.05A22.063.05	50	69	63	22	40	3.5	A	5	0.6
AF04.05A27.080.06	60	86	80	27	50	3.5	A	6	1.3
AF04.05B32.100.07	70	106	100	30	50	3.5	B	7	2.6
AF04.05B40.125.08	80	130	125	40	63	3.5	B	8	4.2
AF04.05B40.160.10	100	165	160	40	63	3.5	B	10	5.1
AF04.05C40.160.10	100	165	160	40	63	3.5	C	10	4.8

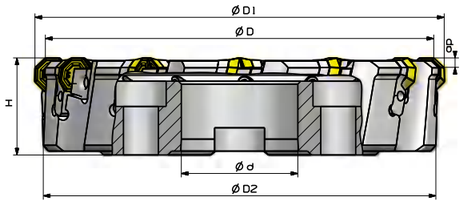
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面铣刀具 Kr:45°

P M K

AF04





★ 刀具附件 Spare parts

刀片 Insert	刀夹 Tool chuck	压块 Clamp	双头螺钉 Double Headed Screw	刀夹螺钉 Tool chuck screw	调节螺钉 Adjusting Screw	扳手 Wrench
OFKR0704	LOF07R/L	W02R/L	DM8*21	LOM5X15	TM0608	S3 S4

注明：配套刀片建议参考株洲钻石刀片。Note：The insert is Zccct brand.

★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	ØD2	ØD1	ØD	ød	H	ap			
AF04.07A27.080.05	60	91	80	27	63	5	A	5	1.4
AF04.07B32.100.06	70	111	100	32	63	5	B	6	1.8
AF04.07B40.125.08	80	136	125	40	63	5	B	8	3.9
AF04.07B40.160.10	100	171	160	40	63	5	B	10	5.9
AF04.07C60.200.12	204	211	200	60	50	5	C	12	7.6
AF04.07C60.250.16	254	261	250	60	50	5	C	16	13.3
AF04.07D60.315.20	319	321	315	60	50	5	D	20	18.3

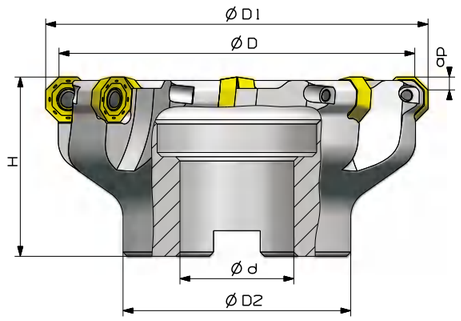
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面铣刀具 Kr:45°

P M K N

AF05





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
OD□□0605	TL60 M5X12	T20

注明：配套刀片建议参考瓦尔特刀片。Note:The Insert Is Walter brand.

★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	ØD2	ØD1	ØD	Ød	H	ap			
AF05.06A22.050.04	40	60	50	22	40	10	A	4	0.3
AF05.06A22.063.05	50	73	63	22	40	10	A	5	0.5
AF05.06A27.080.06	60	90	80	27	50	10	A	6	0.8
AF05.06B32.100.07	70	110	100	100	50	10	B	7	1.5
AF05.06B40.125.08	80	135	125	125	63	10	B	8	2.5
AF05.06C40.160.09	100	170	160	160	63	10	C	9	4

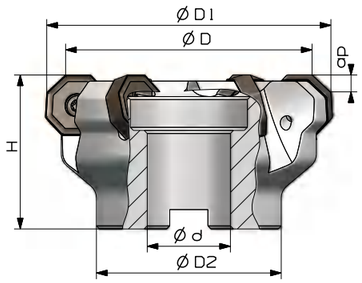
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面铣刀具 Kr:45°

P M K

AF06





★ 刀具附件 Spare parts

刀片 Insert	压紧螺钉 Clamping Screw	扳手 Wrench
ON□□0604□□	L60 M4X10－5.7	T15
ON□□08T5□□	TL60 M5X12-7.0	T20

注明：配套刀片建议参考株洲钻石刀片。 Note:The insert is Zccct brand.

★ 刀具规格型号 Type of milling tools

Category 类别	Type 型号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
		ØD2	ØD1	ØD	ød	H	ap			
ON06	**AF06.06A22.050.05**	40	62	50	22	45	4	A	5	0.3
	AF06.06A22.063.06	50	75	63	22	45	4	A	6	0.5
	AF06.06B27.080.07	60	92	80	27	50	4	B	7	1.2
	AF06.06B32.100.08	70	112	100	32	63	4	B	8	1.2
	AF06.06B40.125.09	80	137	125	40	63	4	B	9	2.6
	AF06.06C40.160.11	100	172	160	40	63	4	C	11	4.3
	AF06.06C60.200.13	160	212	200	60	63	4	C	13	7.6
	AF06.06C60.250.15	200	262	250	60	63	4	C	15	13.5
	AF06.06D60.315.17	250	327	315	60	70	4	D	17	20.8
ON08	**AF06.08A22.063.05**	50	78	63	22	40	5	A	5	0.5
	AF06.08B27.080.06	60	95	80	27	50	5	B	6	1.2
	AF06.08B32.100.07	70	115	100	32	63	5	B	7	1.2
	AF06.08B40.125.08	80	140	125	40	63	5	B	8	2.6
	AF06.08C40.160.10	100	175	160	40	63	5	C	10	4.3
	AF06.08C60.200.12	160	215	200	60	63	5	C	12	7.6
	AF06.08C60.250.14	200	265	250	60	63	5	C	14	13.5
	AF06.08D60.315.16	250	330	315	60	70	5	D	16	20.8

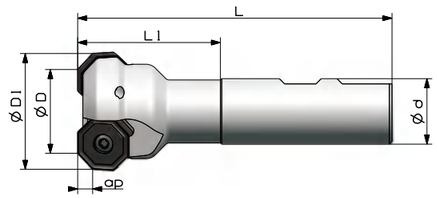
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面铣刀具 Kr:45°

P M K

AF06





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉Insert Screw	扳手 Wrench
ON□□0604□□	TL60 M4X10 -5.7	T15
ON□□08T5□□	TL60 M5X12-7.0	T20

注明：配套刀片建议参考株洲钻石刀片。 Note：The Insert Is Zccct brand.

★ 刀具规格型号Type of Milling Tools

Type 型 号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	$ØD_1$	ØD	ød	L	L1	a_p			
AF06.06W20.025.02	37	25	20	100	45	4	W	2	0.2
AF06.06W25.032.03	44	32	25	110	50	4	W	3	0.3
AF06.06W32.040.04	52	40	32	120	55	4	W	4	0.4
AF06.08W25.032.02	47	32	25	120	55	5	W	2	0.4
AF06.08W32.040.03	55	40	32	120	55	5	W	3	0.5
AF06.08W32.050.04	65	50	32	120	55	5	W	4	0.6

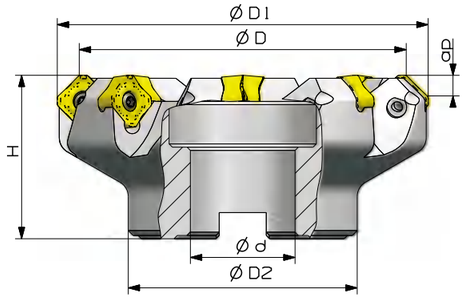
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面铣刀具 Kr:45°

P M K N S

AF08





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉Insert Screw	扳手 Wrench
SNEX1206ANN	TL60 M4X10 -5.7	T15

注明：配套刀片建议参考克洛伊刀片。Note:The insert is Korloy brand.

★ 刀具规格型号 Type of Milling Tools

Type 型 号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	$ØD_2$	$ØD_1$	ØD	Ød	H	a_p			
AF08.12A22.050.04	40	63	50	22	40	6	A	4	0.5
AF08.12A22.063.06	50	76	63	22	40	6	A	6	0.7
AF08.12B27.080.07	60	93	80	27	50	6	B	7	1.2
AF08.12B32.100.08	70	113	100	32	50	6	B	8	1.7
AF08.12B40.125.10	80	138	125	40	63	6	B	10	3.6
AF08.12C40.160.12	100	173	160	40	63	6	C	12	4.8
AF08.12C60.200.14	150	213	200	60	63	6	C	14	5.3
AF08.12C60.250.16	180	263	250	60	63	6	C	16	12

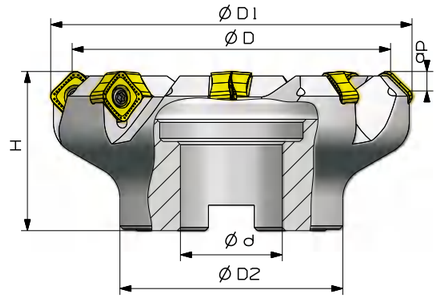
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面铣刀具 Kr:45°

P M K N S

AF09





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
SNMX1205XTN	TL60 M4X10 -5.7	T15

注明：配套刀片建议参考特固克刀片。Note:The insert is Taegutec brand

★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	$ØD_2$	$ØD_1$	ØD	ød	H	a_p			
AF09.12A22.050.04	40	63	50	22	40	6	A	4	0.5
AF09.12A22.063.05	50	76	63	22	40	6	A	5	0.7
AF09.12B27.080.06	60	93	80	27	50	6	B	6	1.2
AF09.12B32.100.08	70	113	100	32	50	6	B	8	1.7
AF09.12B40.125.10	80	138	125	40	63	6	B	10	3.6
AF09.12C40.160.14	100	173	160	40	63	6	C	14	4.8
AF09.12C60.200.18	150	213	200	60	63	6	C	18	5.3
AF09.12C60.250.20	180	263	250	60	63	6	C	20	12

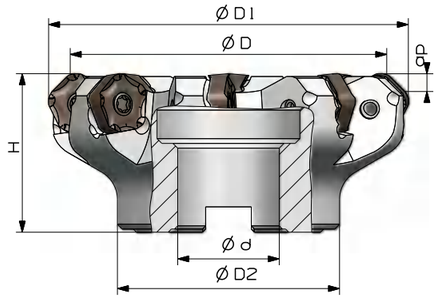
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面铣刀具 Kr:45°

P M K N S

AF10





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
PNMU1205ANER	TL60 M5X12	T20

注明：配套刀片建议参考京瓷刀片。Note:The insert is Kyocera brand.

★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	$ØD_2$	$ØD_1$	ØD	ød	H	a_p			
AF10.12A22.063.05	50	76	63	22	45	5.5	A	5	0.5
AF10.12B27.080.06	60	93	80	27	50	5.5	B	6	1.0
AF10.12B32.100.08	70	113	100	32	50	5.5	B	8	1.4
AF10.12B40.125.10	80	138	125	40	63	5.5	B	10	2.5
AF10.12C40.160.12	100	173	160	40	63	5.5	C	12	3.8
AF10.12C60.200.14	150	213	200	60	63	5.5	C	14	6.5
AF10.12C60.250.16	180	263	250	60	63	5.5	C	16	9.1

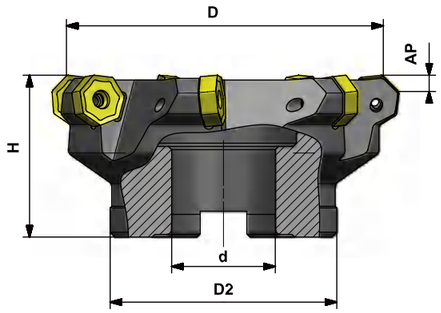
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面铣刀具 Kr:45°



AF11





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
XNMX070508	TL60M3.5X10 -5.3	15IP

注明：配套刀片与株洲钻石、瓦尔特通用。Note: Insert can be Zccct/Walter brands.

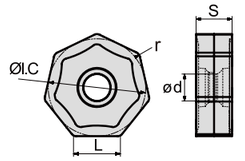
★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	$ØD_2$	ØD	ød	H	a_p			
AF11.07A22.050.04	40	50	22	40	4.5	A	4	0.3
AF11.07A22.063.05	50	63	22	40	4.5	A	5	0.5
AF11.07A27.080.06	60	80	27	50	4.5	A	6	1.2
AF11.07B32.100.07	70	100	32	50	4.5	B	7	1.7
AF11.07B40.125.08	80	125	40	63	4.5	B	8	3.0
AF11.07B40.160.10	100	160	40	63	4.5	B	10	5.2

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★ 刀片选择 Matching Insert

型号 Type	SP210M	SD2136	SD2336	SD4326	SD4226	SD4236	SD5346	SD5236	SD5450	SD5440	SD5146	基本尺寸(mm) Dimension L	ØI.C	S	Ød	r
XNMX070508-GM	●											6.98	14.5	5.36	4.0	0.8
XNMU0705ZNN		○	●	○	○							6.98	14.5	5.36	4.0	0.8
XNMU0705ANN		○	●	○	○							6.98	14.5	5.36	4.0	0.8
P 钢	□	■	■													
M 不锈钢	□	□	■													
K 铸铁	■		■	■	■											
N 有色金属																
S 耐热合金、钛合金			■													
H 淬硬材料																



● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

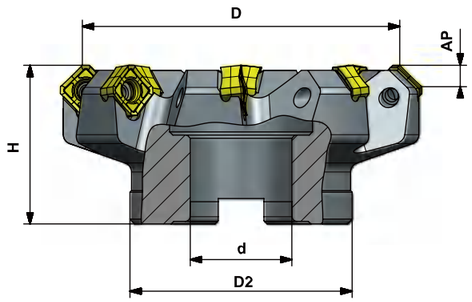
面铣刀具 Kr:45°




P M K N S

AF12





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
SNGX1205ANN	TL60M5X12-7.0	T20

注明：配套刀片与株洲钻石、瓦尔特、克洛伊通用。Note: Insert can be Zccct/Walter/Kolory brands.

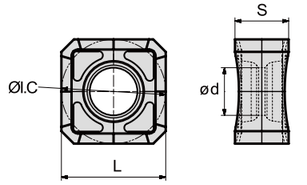
★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	ØD2	ØD	ød	H	ap			
AF12.12A22.050.04	40	50	22	40	6.5	A	4	0.3
AF12.12A22.063.06	50	63	22	40	6.5	A	6	0.5
AF12.12A27.080.07	60	80	27	50	6.5	A	7	1.2
AF12.12B32.100.08	70	100	32	50	6.5	B	8	1.8
AF12.12B40.125.10	80	125	40	63	6.5	B	10	3.1
AF12.12B40.160.12	100	160	40	63	6.5	B	12	5.5

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★ 刀片选择 Matching Insert

型号 Type	SP210M	SP210T	SD2136	SD2336	SD4326	SD4226	SD4236	SD5346	SD5236	SD5450	SD5440	SD5146	基本尺寸(mm) Dimension L	ØI.C	S	Ød	r
SNGX1205ANN	○	○											12.7	12.7	6.5	5.9	0.8
SNMX1205ANN			●	●	○	○	○	○			●		12.7	12.7	6.5	5.9	0.8
P 钢	□	■	■	■				■			■						
M 不锈钢	□	□	□	■													
K 铸铁	■	□		■	■	■	■										
N 有色金属																	
S 耐热合金、钛合金				■													
H 淬硬材料																	



● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

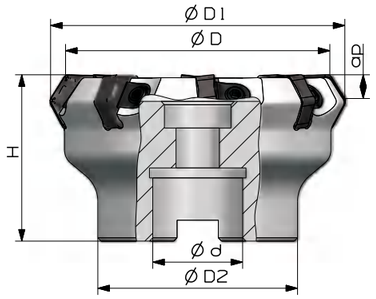
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面铣刀具 Kr:55°

P M K N S

DF01





★ 刀具附件 Spare parts

刀片 Insert	压紧螺钉 Clamping Screw	压块 Clamp	扳手 Wrench
HNEX0905	进口：DM6*20	W18N	S3

注明：配套刀片建议参考株洲钻石刀片。 Note：The insert is Zccct brand.

★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	ØD2	ØD1	ØD	ød	H	ap			
DF01.09A27.080.08	60	88.5	80	27	50	8.5	A	8	1.1
DF01.09B32.100.10	70	108.5	100	32	50	8.5	B	10	2.6
DF01.09B40.125.14	80	133.5	125	40	63	8.5	B	14	3.7
DF01.09B40.160.18	100	168.5	160	40	63	8.5	B	18	5.6
DF01.09C60.200.22	150	208.5	200	60	63	8.5	C	22	6.3
DF01.09C60.250.28	200	258.5	250	60	63	8.5	C	28	10.3
DF01.09D60.315.32	270	323.5	315	60	63	8.5	D	32	21.7

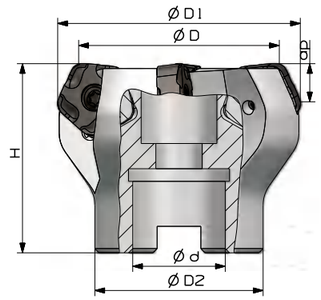
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面铣刀具 Kr:67°

K

DF01





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
PNEG110512R	TL60 M4X10-5.7	T15

注明：配套刀片建议参考株洲钻石刀片。 Note：The insert is Zccct brand.

★ 刀具规格型号 Type of milling tools

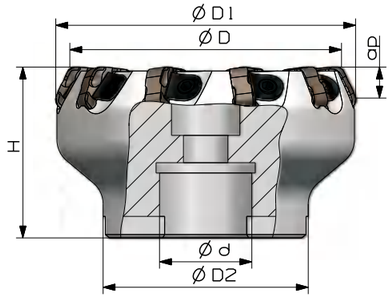
Category 类别	Type 型号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
		ØD2	ØD1	ØD	ød	H	ap			
标准型	**DF01.11A22.050.04**	40	60	50	22	45	5	A	4	0.6
	DF01.11A22.063.05	50	73	63	22	50	5	A	5	0.8
	DF01.11B27.080.06	60	90	80	27	50	5	B	6	1.1
	DF01.11B32.100.07	70	110	100	32	50	5	B	7	1.8
	DF01.11B40.125.08	80	135	125	40	63	5	B	8	2.9
	DF01.11B40.160.10	100	170	160	40	63	5	B	10	5.6
	DF01.11C60.200.12	150	210	200	60	63	5	C	12	7.9
	DF01.11C60.250.14	180	260	250	60	63	5	C	14	13.4
多刃型	**DF01.11A22.050.05**	40	60	50	22	45	5	A	5	0.6
	DF01.11A22.063.06	50	73	63	22	50	5	A	6	0.9
	DF01.11B27.080.08	60	90	80	27	50	5	B	8	1.2
	DF01.11B32.100.10	70	110	100	32	50	5	B	10	1.9
	DF01.11B40.125.12	80	135	125	40	63	5	B	12	3.2
	DF01.11B40.160.14	100	170	160	40	63	5	B	14	6.4
	DF01.11C60.200.16	150	210	200	60	63	5	C	16	8.5
	DF01.11C60.250.18	180	260	250	60	63	5	C	18	18

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面铣刀具 Kr:67°

DF01





★ 刀具附件 Spare parts

刀片 Insert	压紧螺钉 Clamping Screw	压板 Clamp	扳手 Wrench
PNEG110512R	DM6*20	W18N	S3

注明：配套刀片建议参考株洲钻石刀片。Note：The insert is Zccct brand.

★ 刀具规格型号 Type of Milling Tools

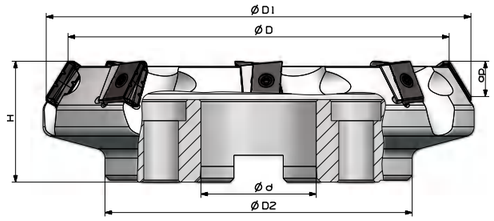
Category 类别	Type 型号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
		ØD2	ØD1	ØD	Ød	H	ap			
密齿型	**DF01.11A27.080.10**	60	90.1	80	27	50	5	A	10	1.3
	DF01.11B32.100.14	70	110.1	100	32	50	5	B	14	1.6
	DF01.11B40.125.18	80	135.1	125	40	63	5	B	18	3.2
	DF01.11B40.160.22	100	170.1	160	40	63	5	B	22	5.8

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面铣刀具 Kr:60°

DF02





★ 刀具附件 Spare parts

刀片 Insert	刀垫 Shim	刀片螺钉 Insert Screw	刀垫螺钉 Shim Screw	扳手 Wrench
LNKT2510	LLN25R-ZR	TL60 M5X16	L60 M3.5X10	15 IP/T20

注明：配套刀片建议参考株洲钻石刀片。 Note：The insert is Zccct brand.

★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	ØD2	ØD1	ØD	ød	H	ap			
DF02.25B40.125.05	80	154	125	40	63	17	B	5	4.5
DF02.25C40.160.06	100	189	160	40	63	17	C	6	6.9
DF02.25C60.200.08	150	229	200	60	63	17	C	8	10.5
DF02.25C60.250.10	160	278	250	60	63	17	C	10	16.7
DF02.25D60.315.12	270	346	315	60	63	17	D	12	27.3

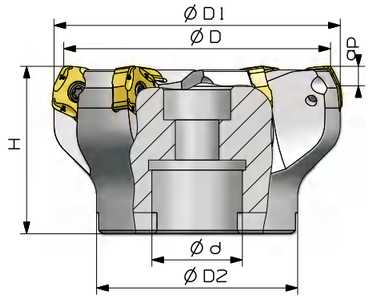
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面铣刀具 Kr:65°

P M

DF03





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
R365-1505ZNE	TL60 M4X10-5.7	T15

注明：配套刀片建议参考山特维克刀片。Note:The insert is Sandivk brand.

★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	$ØD_2$	$ØD_1$	ØD	Ød	H	a_p			
DF03.15A22.050.04	40	57	50	22	40	6	A	4	0.5
DF03.15A22.063.05	50	70	63	22	40	6	A	5	0.7
DF03.15A27.080.06	60	87	80	27	50	6	A	6	1.1
DF03.15B32.100.07	70	107	100	32	50	6	B	7	1.8
DF03.15B40.125.08	80	132	125	40	63	6	B	8	3.4
DF03.15B40.160.10	100	167	160	40	63	6	B	10	5.2
DF03.15C60.200.12	150	207	200	60	63	6	C	12	7.8

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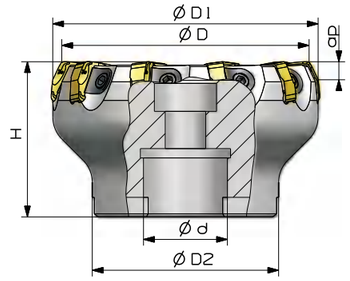
SANT 数控刀具
铣削刀具 | MILLING TOOLS
Indexable milling tools 可转位铣削刀具

面铣刀具 Kr:65°

P M

DF03





★ 刀具附件 Spare parts

刀片 Insert	压紧螺钉 Clamping Screw	压块 Clamp	扳手 Wrench
R365-1505ZNE	DM6*20	W18N	S3

注明：配套刀片建议参考山特维克刀片。 Note：The insert is Sandivk brand.

★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	$ØD_2$	$ØD_1$	ØD	ød	H	a_p			
DF03.15A27.080.10	60	87	80	27	50	6	A	10	1.4
DF03.15B32.100.14	70	107	100	32	50	6	B	14	2.0
DF03.15B40.125.18	80	132	125	40	63	6	B	18	3.8
DF03.15B40.160.22	100	167	160	40	63	6	B	22	5.7
DF03.15C60.200.28	150	207	200	60	63	6	C	28	10.2
DF03.15C60.250.36	180	257	250	60	63	6	C	36	15.2

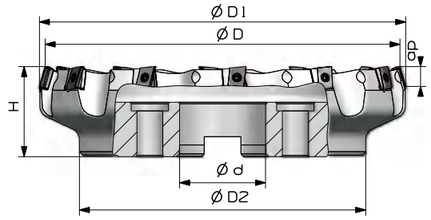
了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

面铣刀具 Kr:75°

P M K

EF02





★ 刀具附件 Spare parts

刀片 Insert	刀垫 Shim	刀片螺钉 Insert Screw	刀垫螺钉 Shim Screw	扳手 Wrench
LNKT1506	LLN15R-ZR	TL60 M4X15	L60 M3X8	T10/T15

注明：配套刀片建议参考株洲钻石刀片。 Note：The insert is Zccct brand.

★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	$ØD_2$	$ØD_1$	ØD	ød	H	a_p			
EF02.15B40.125.06	80	137	125	40	63	8	B	6	3.8
EF02.15B40.160.08	100	170	160	40	63	8	B	8	6.6
EF02.15C60.200.10	150	208	200	60	63	8	C	10	9.6
EF02.15C60.250.12	200	257	250	60	63	8	C	12	13.4
EF02.15D60.315.16	250	328	315	60	63	8	D	16	25.2

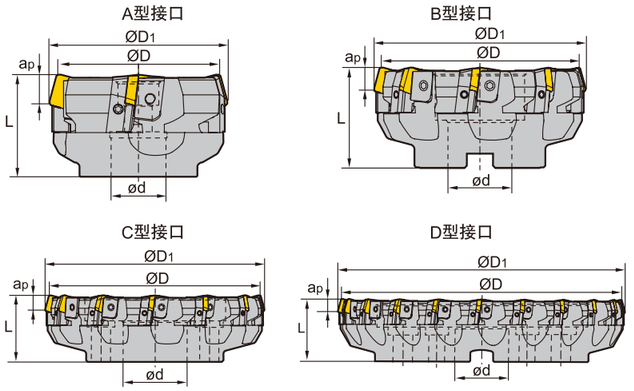
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面铣刀具 Kr:75°

P M K

EF03





★ 刀具附件 Spare parts

刀片 Insert	刀夹 Tool chuck	压块 Clamp	压紧螺钉 Clamping Screw	刀夹螺钉 Tool chuck screw	扳手 Wrench
SPKN1203	LSP12R/L	W04R/L	WM8×17	LOM5×15.1	S3
SPKN1203	LSP12R/L	W04R/L	WM8×22 (Ø125-315)		S4
SPKN1504	LSP15R/L	W04R/L			

注明：配套刀片建议参考株洲钻石刀片。Note：The insert is Zccct brand.

★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	ØD	$ØD_1$	ød	L	a_p			
EF03.12A27.080.04	80	84	27	50	6	4	A	1.1
EF03.12B27.100.06	100	104	27	50	6	6	B	1.9
EF03.12B40.125.08	125	129	40	63	6	8	B	3.5
EF03.12B40.160.10	160	164	40	63	6	10	B	5.7
EF03.12C60.200.12	200	203	60	63	6	12	C	8.2
EF03.12C60.250.16	250	253	60	63	6	16	C	13.8
EF03.12D60.315.20	315	318	60	70	6	20	D	23.5
EF03.15A27.080.04	80	84	27	50	8	4	A	1.0
EF03.15B27.100.06	100	104	27	50	8	6	B	1.8
EF03.15B40.125.08	125	129	40	63	8	8	B	3.3
EF03.15B40.160.10	160	164	40	63	8	10	B	5.4
EF03.15C60.200.12	200	204	60	63	8	12	C	7.9
EF03.15C60.250.16	250	253	60	63	8	16	C	13.6
EF03.15D60.315.20	315	318	60	70	8	20	D	23.1

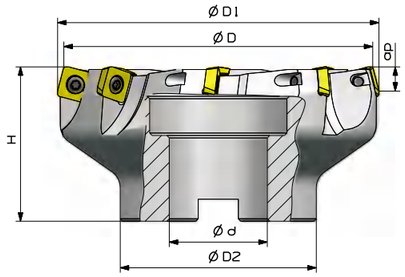
了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

面铣刀具 Kr:75°

P M K

EF04





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
SPK□1204	TL60 M5X12	T20

注明：配套刀片建议参考株洲钻石刀片。 Note：The insert is Zccct brand.

★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	$ØD_2$	$ØD_1$	ØD	ød	H	a_p			
EF04.12A22.050.04	40	54	50	22	40	6	A	4	0.3
EF04.12A22.063.05	50	66	63	22	50	6	A	5	0.6
EF04.12A27.080.06	60	83	80	27	50	6	A	6	0.9
EF04.12B32.100.07	70	103	100	32	50	6	B	7	1.4
EF04.12B40.125.08	80	128	125	40	63	6	B	8	2.5

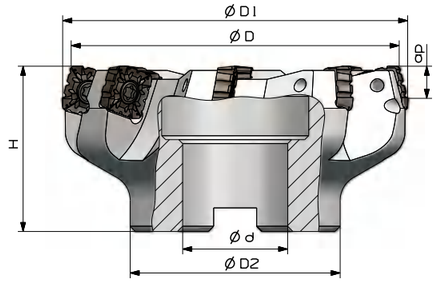
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面铣刀具 Kr:75°

P M K

EF06





★ 刀具附件 Spare parts

刀片 Insert	压紧螺钉 Clamping Screw	扳手 Wrench
SPMT1806EDER	TL60 M6X16-8.5	T25

注明：配套刀片建议参考京瓷刀片。Note：The insert is Kyocera brand.

★ 刀具规格型号 Type of milling tools

Category 类别	Type 型号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
		$ØD_2$	$ØD_1$	ØD	ød	H	a_p			
标准型	**EF06.18A27.080.04**	60	87	80	27	50	12.4	A	4	1.3
	EF06.18B32.100.05	70	107	100	32	50	12.4	B	5	2.0
	EF06.18B40.125.06	80	132	125	40	63	12.4	B	6	3.6
	EF06.18B40.160.08	100	167	160	40	63	12.4	B	8	5.0
	EF06.18C60.200.10	150	207	200	60	63	12.4	C	10	7.7
	EF06.18C60.250.12	180	257	250	60	63	12.4	C	12	12.0
多刃型	**EF06.18A27.080.06**	60	87	80	27	50	12.4	A	6	1.3
	EF06.18B32.100.07	70	107	100	32	50	12.4	B	7	1.9
	EF06.18B40.125.08	80	132	125	40	63	12.4	B	8	3.5
	EF06.18B40.160.10	100	167	160	40	63	12.4	B	10	4.9
	EF06.18C60.200.12	150	207	200	60	63	12.4	C	12	7.6
	EF06.18C60.250.14	180	257	250	60	63	12.4	C	14	17.0

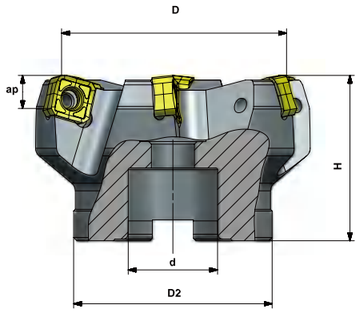
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面铣刀具 Kr:75°

P M K

EF08





★ 刀具附件 Spare parts

刀片 Insert	压紧螺钉 Clamping Screw	扳手 Wrench
SNGX1205ENN	TL60M5X12-7.0	T20

注明：配套刀片与株洲钻石、瓦尔特、克洛伊通用。Note: Insert can be Zccct/Walter/Kolory brands.

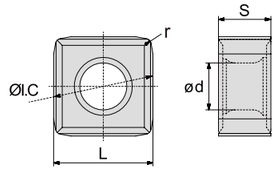
★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	ØD2	ØD	ød	H	ap			
EF08.12A22.050.04	40	50	22	40	8	A	4	0.3
EF08.12A22.063.05	50	63	22	40	8	A	5	0.5
EF08.12A27.080.06	60	80	27	50	8	A	6	1.2
EF08.12B32.100.07	70	100	32	50	8	B	7	1.7
EF08.12B40.125.08	80	125	40	63	8	B	8	3.0
EF08.12B40.160.10	100	160	40	63	8	B	10	4.5

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

★ 刀片选择 Matching Insert

型号 Type	SP210M	SP210T	SD2136	SD2336	SD4326	SD4226	SD4236	SD5346	SD5236	SD5450	SD5440	SD5146	基本尺寸(mm) Dimension				
													L	ØI.C	S	Ød	r
SNGX1205ENN	○	○											12.7	12.7	6.5	5.9	0.8
P 钢	□	■	■	■				■			■						
M 不锈钢	□	□	□	■													
K 铸铁	■	□		■	■	■	■										
N 有色金属																	
S 耐热合金、钛合金				■													
H 淬硬材料																	



● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

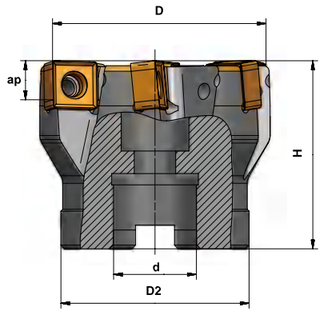
面铣刀具 Kr:88°



P M K

PF88





★ 刀具附件 Spare parts

刀片 Insert	压紧螺钉 Clamping Screw	扳手 Wrench
SNGX1205PNN	TL60M5X12-7.0	T20

注明：配套刀片与株洲钻石、瓦尔特、克洛伊通用。Note: Insert can be Zccct/Walter/Kolory brands.

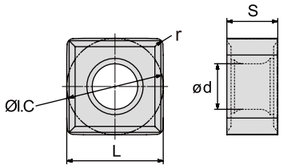
★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	$ØD_2$	ØD	ød	H	a_p			
PF88.12A22.050.04	40	50	22	40	10	A	4	0.3
PF88.12A22.063.06	50	63	22	40	10	A	6	0.5
PF88.12A27.080.07	60	80	27	50	10	A	7	1.2
PF88.12B32.100.08	70	100	32	50	10	B	8	1.8
PF88.12B40.125.10	80	125	40	63	10	B	10	3.1
PF88.12B40.160.12	100	160	40	63	10	B	12	5.5
PF88.12C60.200.14	160	200	60	63	10	C	14	7.2

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

★ 刀片选择 Matching Insert

型号 Type	SP210M	SP210T	SD2136	SD2336	SD4326	SD4226	SD4236	SD5346	SD5236	SD5450	SD5440	SD5146	基本尺寸(mm) Dimension				
													L	ØI.C	S	Ød	r
SNGX1205PNN	○	○											12.7	12.7	6.5	5.9	0.8
P 钢	□	■	■	■				■			■						
M 不锈钢	□	□	□	■													
K 铸铁	■	□		■	■	■	■										
N 有色金属																	
S 耐热合金、钛合金				■													
H 淬硬材料																	



● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

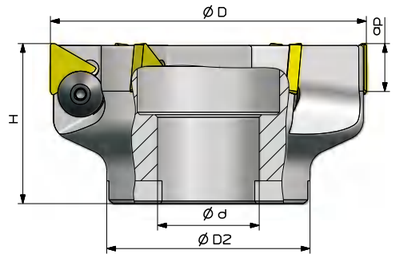
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面铣刀具 Kr:90°



PF01





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
TPKN2204	MYL8X18	S4

注明：配套刀片建议参考株洲钻石刀片。 Note：The insert is Zccct brand.

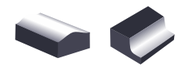
★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	ØD2	ØD	ød	H	ap			
PF01.22A22.063.03	50	63	22	50	15	A	3	0.5
PF01.22A27.080.04	60	80	27	50	15	A	4	0.9
PF01.22B32.100.05	70	100	32	50	15	B	5	1.8
PF01.22B40.125.06	80	125	40	63	15	B	6	2.5
PF01.22B40.160.07	100	160	40	63	15	B	7	3.6

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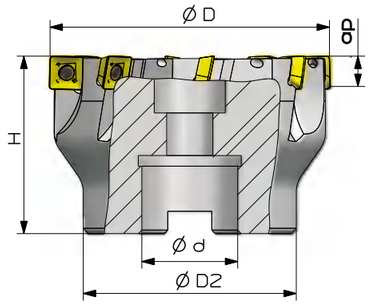
SANT 数控刀具
铣削刀具 | MILLING TOOLS
Indexable milling tools 可转位铣削刀具

面铣刀具 Kr:90°



PF02





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
SEET09T308PER	TL60 M3X7	T08

注明：配套刀片建议参考株洲钻石刀片。 Note：The insert is Zccct brand.

★ 刀具规格型号 Type of Milling Tools

Type 号型	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	ØD2	ØD	Ød	H	ap			
PF02.09A22.050.05	40	50	22	40	6.5	A	5	0.3
PF02.09A22.063.06	50	63	22	40	6.5	A	6	0.5
PF02.09A27.080.08	60	80	27	50	6.5	A	8	0.9
PF02.09B32.100.08	70	100	32	50	6.5	B	8	1.7
PF02.09B32.100.10	70	100	32	50	6.5	B	10	1.7
PF02.09B40.125.12	80	125	40	63	6.5	B	12	2.6

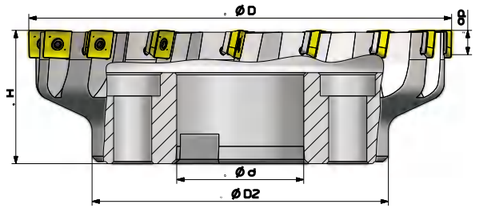
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面铣刀具 Kr:90°



PF02





★ 刀具附件 Spare parts

刀片 Insert	刀垫 Shim	螺套 Threaded Sleeve	刀片螺钉 Insert Screw	扳手 wrench	扳手 Wrench
SEET120308PER	S12BSX	SM0508	TL60 M3.5X10-5.3	15 IP	S3.5

注明：配套刀片建议参考株洲钻石刀片。Note：The insert is Zccct brand.

★ 刀具规格型号 Type of milling tools

Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
		$ØD_2$	ØD	ød	H	a_p			
疏齿型	**PF02.12A22.050.03**	40	50	22	40	10	A	3	0.3
	PF02.12A22.063.04	50	63	22	40	10	A	4	0.65
	PF02.12A27.080.04	60	80	27	50	10	A	4	0.9
	PF02.12B32.100.05	70	100	32	50	10	B	5	1.2
	PF02.12B40.125.06	80	125	40	63	10	B	6	3.1
	PF02.12C40.160.08	100	160	40	63	10	C	8	4.1
	PF02.12C60.200.10	140	200	60	63	10	C	10	6.1
	PF02.12C60.250.12	200	250	60	63	10	C	12	10.9
标准型	**PF02.12A22.050.04**	40	50	22	40	10	A	4	0.3
	PF02.12A22.063.05	50	63	22	40	10	A	5	0.65
	PF02.12A27.080.06	60	80	27	50	10	A	6	0.9
	PF02.12B32.100.07	70	100	32	50	10	B	7	1.2
	PF02.12B40.125.08	80	125	40	63	10	B	8	3.1
	PF02.12C40.160.12	100	160	40	63	10	C	12	4.1

面铣刀具 Kr:90°



★ 刀具规格型号 Spare parts

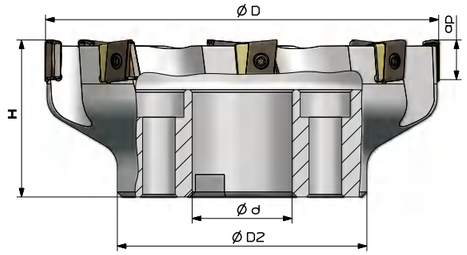
Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
		$ØD_2$	ØD	ød	H	a_p			
密齿型	**PF02.12A22.050.05**	40	50	22	40	10	A	5	0.3
	PF02.12A22.063.06	50	63	22	40	10	A	6	0.65
	PF02.12A27.080.08	60	80	27	50	10	A	8	0.9
	PF02.12B32.100.10	70	100	32	50	10	B	10	1.2
	PF02.12B40.125.12	80	125	40	63	10	B	12	3.1
	PF02.12C40.160.14	100	160	40	63	10	C	14	4.1
	PF02.12C60.200.16	140	200	60	63	10	C	16	6.1
	PF02.12C60.250.18	200	250	60	63	10	C	18	10.9
	PF02.12D60.315.24	250	315	60	63	10	D	24	21.6

面铣刀具 Kr:90°



PF03





★ 刀具附件 Spare parts

刀片 Insert	刀垫 Shim	刀片螺钉 Insert Screw	刀垫螺钉 Shim Screw	扳手 Wrench	扳手 Wrench
LNKT1506EN-ZR	LLN15-ZR	TL60 M4X12	L60 M3X7	T15	T10
LNKT2007DN-ZR	LLN20-ZR	TL60 M4X15	L60 M3X7	T15	T10
LNKT2510-ZR	LLN25R-ZR	TL60 M5X17	L60 M3.5X10	T20	15IP

注明：配套刀片建议参考株洲钻石品牌刀片。Note:The insert is Zccct brand

★ 刀具规格型号 Type of milling tools

Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
		$ØD_2$	ØD	ød	H	a_p			
LN15	**PF03.15B40.125.06**	80	125	40	63	8	B	6	3.2
	PF03.15C40.160.08	100	160	40	63	8	C	8	5.1
	PF03.15C60.200.10	150	200	60	63	8	C	10	6.5
	PF03.15C60.250.12	200	250	60	63	8	C	12	11.5
	PF03.15D60.315.16	250	315	60	63	8	D	16	19.8

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面铣刀具 Kr:90°



★ 刀具规格型号 Spare parts

Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
		$ØD_2$	ØD	Ød	H	a_p			
LN20	**PF03.20B40.125.06**	80	125	40	63	12	B	6	3.2
	PF03.20C40.160.08	100	160	40	63	12	C	8	5.1
	PF03.20C60.200.10	150	200	60	63	12	C	10	6.5
	PF03.20C60.250.12	200	250	60	63	12	C	12	11.5
	PF03.20D60.315.15	250	315	60	63	12	D	15	19.8
LN25	**PF03.25B40.125.05**	80	125	40	63	15	B	5	3.2
	PF03.25C40.160.06	100	160	40	63	15	C	6	5.1
	PF03.25C60.200.08	150	200	60	63	15	C	8	6.5
	PF03.25C60.250.10	200	250	60	63	15	C	10	11.5
	PF03.25D60.315.12	250	315	60	63	15	D	12	19.8

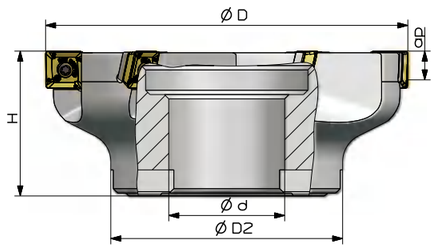
了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

面铣刀具 Kr:90°

P M K

PF04





★ 刀具附件 Spare parts

刀片 Insert	刀垫 Shim	螺套Threaded Sleeve	刀片螺钉Insert Screw	扳手 Wrench	扳手 Wrench
R290-12T308	S12BSX	SM0508	TL60 M3.5X10-5.3	15IP	S3.5

注明：配套刀片建议参考山特维克品牌刀片。Note：The insert is Sandvik brand.

★ 刀具规格型号 Type of milling tools

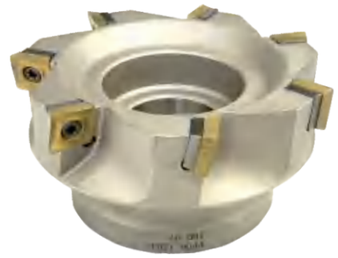
Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	ØD2	ØD	ød	H	ap			
PF04.12A22.050.03	40	50	22	40	9	A	3	0.5
PF04.12A22.063.04	50	63	22	40	9	A	4	0.6
PF04.12B27.080.04	60	80	27	50	9	B	4	0.9
PF04.12B32.100.05	70	100	32	50	9	B	5	1.3
PF04.12B40.125.06	80	125	40	63	9	B	6	2.7
PF04.12C40.160.08	100	160	40	63	9	C	8	4.1
PF04.12C60.200.10	150	200	60	63	9	C	10	6.2
PF04.12C60.250.12	180	250	60	63	9	C	12	10.7

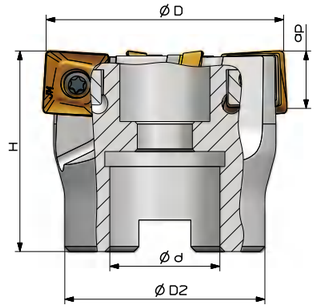
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面铣刀具 Kr:90°

P M K

PF06





★ 刀具附件 Spare parts

刀片 Insert	刀垫 Shim	螺套 Threaded Sleeve	刀片螺钉Insert Screw	扳手 Wrench	扳手 Wrench
SOMT12T308PEER	S12BSX	SM0508	TL60 M3.5X10-5.3	15IP	S3.5

注明：配套刀片建议参考三菱品牌刀片。Note：The insert is Mitsubishi brand.

★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	ØD2	ØD	ød	H	ap			
PF06.12A22.050.04	40	50	22	40	10	A	4	0.3
PF06.12A22.063.05	50	63	22	40	10	A	5	0.5
PF06.12B27.080.06	60	80	27	50	10	B	6	0.6
PF06.12B32.100.07	70	100	32	50	10	B	7	1.4
PF06.12B40.125.08	80	125	40	63	10	B	8	2.2
PF06.12C40.160.12	100	160	40	63	10	C	12	3.5
PF06.12C60.200.16	150	200	60	63	10	C	16	6.2
PF06.12C60.250.18	180	250	60	63	10	C	18	10.7

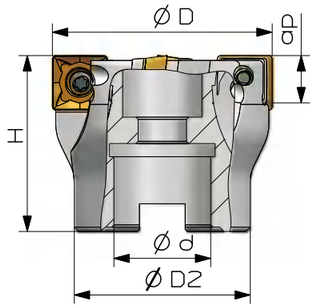
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面铣刀具 Kr:90°



PF07





★ 刀具附件 Spare parts

刀片 Insert	刀垫 Shim	螺套 Threaded Sleeve	刀片螺钉 Insert Screw	扳手 Wrench	扳手 Wrench
XDMT120408PDER	S12BSX	SM0508	TL60 M3.5X10-5.3	15IP	S3.5

注明：配套刀片建议参考住友品牌刀片。Note：The insert is Sumitomo brand.

★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	ØD2	ØD	Ød	H	ap			
PF07.12A22.050.04	40	50	22	40	10	A	4	0.3
PF07.12A22.063.05	50	63	22	40	10	A	5	0.5
PF07.12A27.080.06	60	80	27	50	10	A	6	1.0
PF07.12B32.100.07	70	100	32	50	10	B	7	1.5
PF07.12B40.125.08	80	125	40	63	10	B	8	2.5
PF07.12C40.160.10	100	160	40	63	10	C	10	4.5
PF07.12C60.200.12	150	200	60	63	10	C	12	8.3

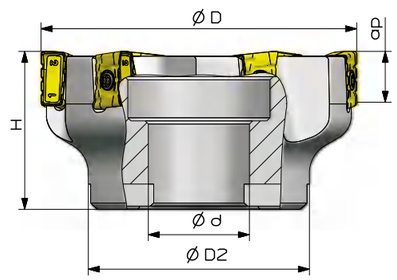
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面铣刀具 Kr:90°



PF08





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
LNMX170808PNSR	TL60 M4X12	T15

注明：配套刀片建议参考住友品牌刀片。Note：The insert is Sumitomo brand.

★ 刀具规格型号 Type of milling tools

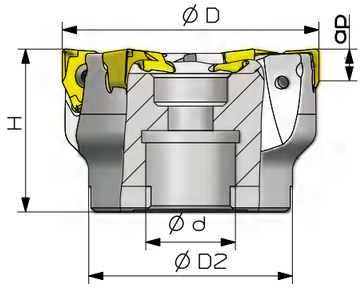
Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	ØD2	ØD	ød	H	ap			
PF08.17B27.080.05	60	80	27	50	14	B	5	1.0
PF08.17B32.100.06	70	100	32	50	14	B	6	1.8
PF08.17B40.125.06	80	125	40	63	14	B	6	2.4
PF08.17B40.160.08	100	160	40	63	14	B	8	4.0
PF08.17C60.200.10	150	200	60	63	14	C	10	6.5
PF08.17C60.250.12	180	250	60	63	14	C	12	12.3

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面铣刀具 Kr:90°

PF09





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
XNEX0806	TL60 M4X10-5.7	T15

注明：配套刀片建议参考山高品牌刀片。Note：The insert is SECO brand.

★ 刀具规格型号 Type of Milling Tools

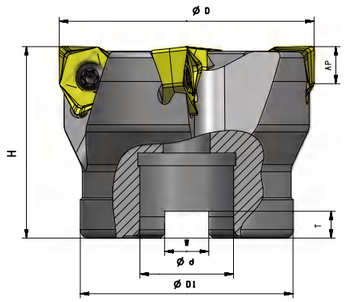
Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	ØD2	ØD	Ød	H	ap			
PF09.08A22.050.05	40	50	22	40	6	A	5	0.3
PF09.08A22.063.06	50	63	22	40	6	A	6	0.5
PF09.08B27.080.07	60	80	27	50	6	B	7	1.0
PF09.08B32.100.08	70	100	32	50	6	B	8	1.8
PF09.08B40.125.11	80	125	40	63	6	B	11	2.4
PF09.08B40.160.12	100	160	40	63	6	B	12	3.8
PF09.08C60.200.16	150	200	60	63	6	C	16	6.2

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面铣刀具 Kr:90°

PF10





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
WNMU080608	TL60 M5X12-7.0	T20

注明：配套刀片与京瓷品牌通装。Note:Replaceable with Kyocera brand inserts.

★ 刀具规格型号 Type of Milling Tools

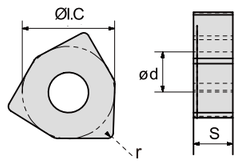
Type 型号	基本尺寸(mm) Dimension							Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	ØD	ØD1	Ød	H	W	ap	T			
PF10.08A22.063.03	63	47	22	40	10.4	8	6.3	A	3	0.5
PF10.08A27.080.04	80	60	27	50	12.4	8	6.3	A	4	1.0
PF10.08B32.100.05	100	70	32	50	14.4	8	8	B	5	1.3
PF10.08B40.125.06	125	80	40	63	16.4	8	9	B	6	2.5
PF10.08B40.160.08	160	100	40	63	16.4	8	9	B	8	3.8
PF10.08C60.200.10	200	150	60	63	25.7	8	14	C	10	6.0
PF10.08C60.250.12	250	180	60	63	25.7	8	14	C	12	8.4
PF10.08A22.063.04	63	47	22	40	10.4	8	6.3	A	4	0.5
PF10.08A27.080.05	80	60	27	50	12.4	8	6.3	A	5	1.0
PF10.08B32.100.07	100	70	32	50	14.4	8	8	B	7	1.3
PF10.08B40.125.08	125	80	40	63	16.4	8	9	B	8	2.5
PF10.08B40.160.10	160	100	40	63	16.4	8	9	B	10	3.8
PF10.08C60.200.12	200	150	60	63	25.7	8	14	C	12	6.0
PF10.08C60.250.14	250	180	60	63	25.7	8	14	C	14	8.4

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★ 刀片选择 Matching Insert

型号 Type	SP210M	SD2136	SD2336	SD4326	SD4226	SD4236	SD5346	SD5236	SD5450	SD5440	SD5146	基本尺寸(mm) Dimension				
												L	Ø I.C	S	Ød	r
WNMU080608PN-GM	●											8.7	14.02	6.65	6.2	0.8
WNMU080608EN-GM		●	●	○	○	○			○	○		8.7	14.02	6.65	6.2	0.8

P	钢	□	■	■					■	■		
M	不锈钢	□	□	■					■			
K	铸铁	■		■	■	■	■					
N	有色金属											
S	耐热合金、钛合金			■								
H	淬硬材料											



● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

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Indexable milling tools 可转位铣削刀具

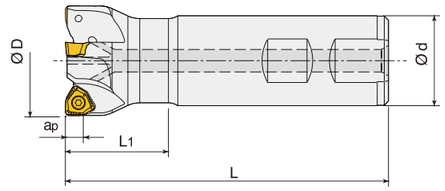
面铣刀具 Kr:90°



P M K

PF11





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
XNGU090508PRHDE	TL60 M4X10-5.7	T15

注明：配套刀片与株洲钻石、特固克通用。Note:Replaceable with Zccct/Taegutec brand inserts.

★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	ØD	Ød	L	L1	ap			
PF11.09Z32.032.02	32	32	160	40	9.2	Z	2	0.3
PF11.09Z32.040.03	40	32	200	40	9.2	Z	3	0.4
PF11.09W32.032.02	32	32	110	40	9.2	W	2	0.3
PF11.09W32.040.03	40	32	120	40	9.2	W	3	0.4
PF11.09W32.040.04	40	32	120	40	9.2	W	4	0.5

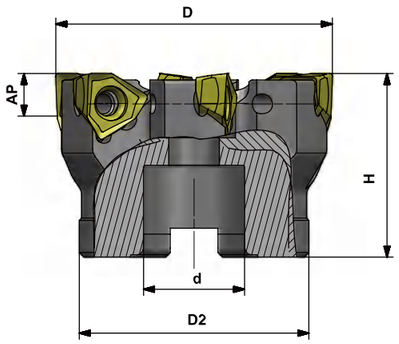
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面铣刀具 Kr:90°



PF11





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
XNGU090508PRHDE	TL60 M4X10-5.7	T15

注明：配套刀片与株洲钻石、特固克通用。Note:Replaceable with Zccct/Taegutec brand inserts.

★ 刀具规格型号 Type of milling tools

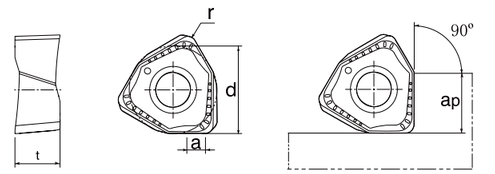
Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	ØD2	ØD	ød	H	ap			
PF11.09A22.050.05	40	50	22	40	9.2	A	5	0.35
PF11.09A22.063.06	50	63	22	40	9.2	A	6	0.51
PF11.09A27.080.07	60	80	27	50	9.2	A	7	1.05
PF11.09B32.100.08	70	100	32	50	9.2	B	8	1.82
PF11.09B40.125.11	80	125	40	63	9.2	B	11	3.09
PF11.09B40.160.12	100	160	40	63	9.2	B	12	4.27

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★ 刀片选择 Matching Insert

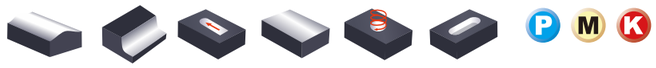
型号 Type	SP210T	SD2136	SD2336	SD4326	SD4226	SD4236	SD5346	SD5450	SD5440	基本尺寸(mm) Dimension				
										d	t	a	r	ap
XNGU090508PRHDE-M	●									13.05	6.74	2.0	0.8	9.2
P 钢	■													
M 不锈钢	□													
K 铸铁	□													
N 有色金属														
S 耐热合金、钛合金														
H 淬硬材料														



● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

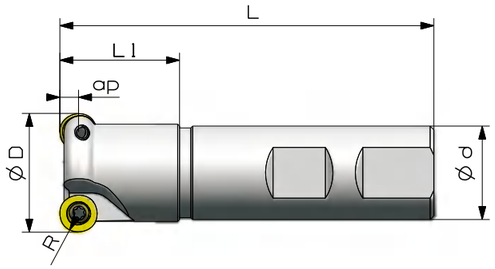
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面铣刀具



RF01





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
RCKT10T3MO-DM	TL60 M4X10-5.7	T15
RCKT1204MO-DR	TL60 M3.5X10-5.3	15IP

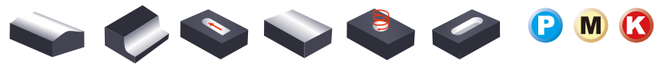
注明：配套刀片建议参考株洲钻石品牌刀片。Note：The insert is Zccct brand.

★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	R	ØD	ød	L	L1	ap			
RF01.10W20.025.02	5	25	20	100	30	5	W	2	0.2
RF01.10W25.032.02	5	32	25	120	35	5	W	2	0.5
RF01.12W32.040.03	6	40	32	120	40	6	W	3	0.7
RF01.12W32.050.03	6	50	32	120	40	6	W	3	0.8

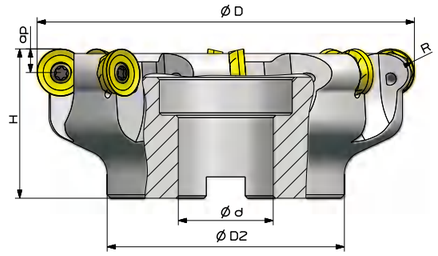
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面铣刀具



RF01





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
RCKT1204MO-DR	TL60 M3.5X10-5.3	15IP
RCKT1606MO-DR	TL60 M5X12	T20
RCKT2006MO-DR	TL60 M6X16	T25

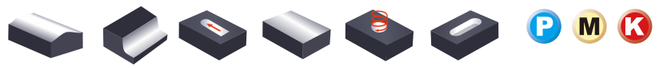
注明：配套刀片建议参考株洲钻石品牌刀片。 Note：The insert is Zccct brand.

★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	R	ØD	Ød	H	ØD2	ap			
RF01.12A22.063.04	6	63	22	50	50	6	A	4	0.7
RF01.16B27.080.05	8	80	27	50	60	8	B	5	0.7
RF01.16B32.100.06	8	100	32	50	70	8	B	6	1.2
RF01.20B40.125.07	10	125	40	63	80	10	B	7	2.2
RF01.20B40.160.08	10	160	40	63	100	10	B	8	4.2

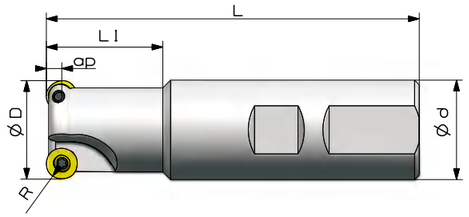
了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

面铣刀具



RF02





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
RDKW0803MO	TL60 M3X7	T10
RDKW10T3MO	TL60 M4X10-5.7	T15
RDKW1204MO	TL60 M4X10-5.7	T15

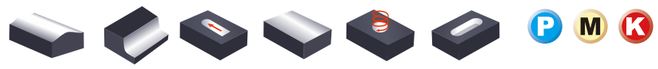
注明：配套刀片建议参考株洲钻石品牌刀片。Note：The insert is Zccct brand.

★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	R	ØD	ød	L	L1	ap			
RF02.08W16.016.02	4	16	16	100	25	4	W	2	0.1
RF02.08W25.025.02	4	25	25	100	30	4	W	2	0.3
RF02.10W32.032.02	5	32	32	120	40	5	W	2	0.7
RF02.12W32.040.03	6	40	32	120	40	6	W	3	0.7
RF02.12W32.050.04	6	50	32	120	40	6	W	4	0.8

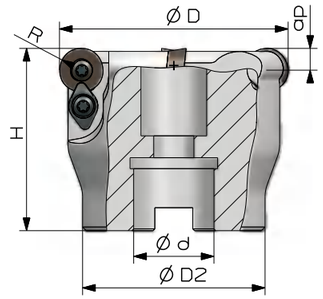
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面铣刀具



RF02





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	压板 Clamp	扳手 Wrench
RDKW1204MO	TL60 M4X10-5.7	WD204	T15
RDKW1605MO	TL60 M5X12	WD208	T20
RDKW2006MO	TL60 M6X16		T25

注明：配套刀片建议参考株洲钻石刀片。 Note：The insert is Zccct brand.

★ 刀具规格型号Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	R	ØD	Ød	H	ØD2	ap			
RF02.12A22.050.03	6	50	22	40	40	6	A	3	0.3
RF02.12A22.063.04	6	63	22	50	50	6	A	4	0.5
RF02.16B27.080.05	8	80	27	50	60	8	B	5	1.2
RF02.16B32.100.06	8	100	32	50	70	8	B	6	1.6
RF02.20B40.125.06	10	125	40	63	80	10	B	6	1.9
RF02.20B40.160.07	10	160	40	63	100	10	B	7	3.7

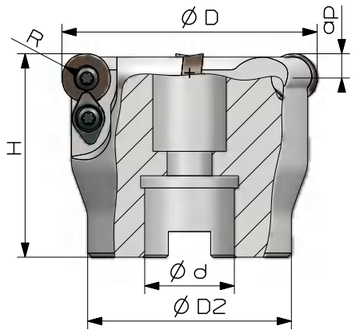
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面铣刀具



RF03





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	压板 Clamp	扳手 Wrench
RPMT1204MO	TL60 M4X10-5.7	WD204	T15
RPMT1606MO	TL60 M5X12	WD208	T20

注明：配套刀片建议参考三菱品牌刀片。Note：The insert is Mitsubishi brand.

★ 刀具规格型号 Type of milling tools

Category 类别	Type 型 号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
		R	ØD	Ød	H	ØD2	ap			
RP12	**RF03.12A22.050.04**	6	50	22	40	40	6	A	4	0.4
	RF03.12A22.063.05	6	63	22	45	50	6	A	5	0.7
	RF03.12B27.080.06	6	80	27	50	60	6	B	6	1.2
RP16	**RF03.16A22.063.04**	8	63	22	50	40	8	A	4	0.7
	RF03.16A27.080.05	8	80	27	50	60	8	A	5	1.2
	RF03.16B32.100.06	8	100	32	63	70	8	B	6	1.6

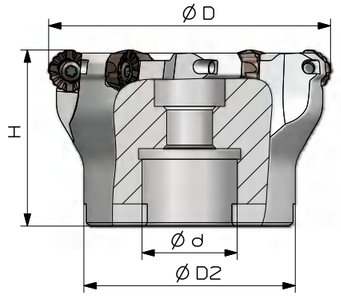
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面铣刀具



RF04





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
QPMT120440	TL60 M4X10-5.7	T15

注明：配套刀片建议参考住友品牌刀片。 Note：The insert is Sumitomo brand.

★ 刀具规格型号 Type of Milling Tools

Type 型 号	基本尺寸(mm) Dimension				Adapter 接口形式	Tooth 齿数 Tooth	Weight 重量 (kg)
	$ØD_2$	ØD	Ød	H	Adapter		
RF04.12A22.050.04	40	50	22	40	A	4	0.2
RF04.12A22.050.05	40	50	22	40	A	5	0.2
RF04.12A22.063.05	50	63	22	40	A	5	0.4
RF04.12A22.063.06	50	63	22	40	A	6	0.4
RF04.12A27.080.06	60	80	27	50	A	6	0.9

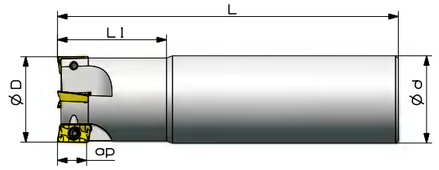
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方肩铣刀 Kr:90°

P M K N

PE01





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
APKT11T3□□	TL60 M2.5X6-3.5	T8
APKT1604□□	TL60 M4X10-5.7	T15

★ 刀具规格型号 Type of milling tools

Category 类别	Type 型 号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
		ØD	Ød	L	L1	ap			
AP11	**PE01.11Z16.012.01**	12	16	85	25	10.5	Z	1	0.1
	PE01.11Z16.016.02	16	16	90	25	10.5	Z	2	0.1
	PE01.11Z20.020.02	20	20	100	30	10.5	Z	2	0.2
	PE01.11Z25.025.03	25	25	115	35	10.5	Z	3	0.4
	PE01.11Z32.032.04	32	32	125	40	10.5	Z	4	0.7
	PE01.11W16.012.01	12	16	85	25	10.5	W	1	0.1
	PE01.11W16.016.02	16	16	90	25	10.5	W	2	0.1
	PE01.11W20.020.02	20	20	100	30	10.5	W	2	0.2
	PE01.11W25.025.03	25	25	115	35	10.5	W	3	0.4
	PE01.11W32.032.04	32	32	125	40	10.5	W	4	0.7
AP16	**PE01.16Z25.025.02**	25	25	115	35	15.5	Z	2	0.4
	PE01.16Z32.032.03	32	32	125	40	15.5	Z	3	0.7
	PE01.16Z32.040.04	40	32	130	42	15.5	Z	4	0.8
	PE01.16W25.025.02	25	25	115	35	15.5	W	2	0.4
	PE01.16W32.032.03	32	32	125	40	15.5	W	3	0.7
	PE01.16W32.040.04	40	32	130	42	15.5	W	4	0.8

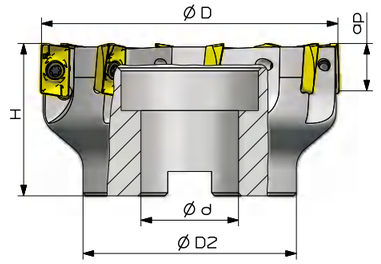
方肩铣刀 Kr:90°



P M K N

PE01





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
APKT11T3□□	TL60 M2.5X6-3.5	T8
APKT1604□□	TL60 M4X10-5.7	T15

★ 刀具规格型号 Type of Milling Tools

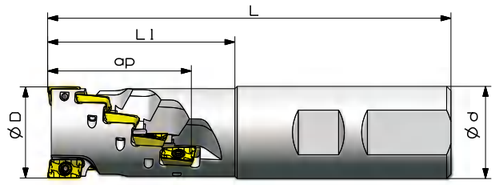
Category 类别	Type 型 号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
		ØD	Ød	$ØD_2$	H	ap			
AP11	**PE01.11A22.050.06**	50	22	40	40	11	A	6	0.3
	PE01.11A22.063.08	63	22	50	40	11	A	8	0.6
	PE01.11A27.080.08	80	27	60	50	11	A	8	1.2
	PE01.11B32.100.10	100	32	70	50	11	B	10	1.7
AP16	**PE01.16A22.050.05**	50	22	40	40	15.5	A	5	0.3
	PE01.16A22.063.06	63	22	50	40	15.5	A	6	0.5
	PE01.16A27.080.07	80	27	60	50	15.5	A	7	1.1
	PE01.16B32.100.08	100	32	70	50	15.5	B	8	1.6
	PE01.16B40.125.10	125	40	80	63	15.5	B	10	3.2
	PE01.16B40.160.10	160	40	100	63	15.5	B	10	6.3

注明：配套刀片建议参考株洲钻石品牌刀片。Note：The Insert Is Zccct brand.

方肩铣刀 Kr:90°

PE02





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
APKT11T3□□	TL60 M2.5X6-3.5	T8

注明：配套刀片建议参考株洲钻石品牌刀片。Note：The insert is Zccct brand.

★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Insert 刀片数量	Tooth 齿数	Weight 重量 (kg)
	ØD	ød	L	L1	ap				
PE02.11W20.020.01	20	20	120	45	29	W	3	1	0.3
PE02.11W25.025.02	25	25	130	55	39	W	8	2	0.4
PE02.11W32.032.02	32	32	140	65	48	W	10	2	0.7
PE02.11W32.040.02	40	32	150	75	55	W	14	2	1.3

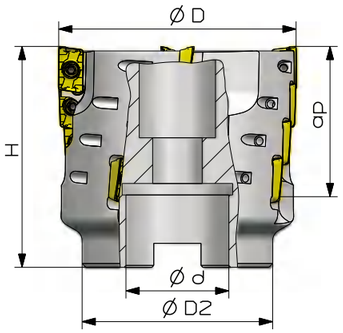
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方肩铣刀 Kr:90°

PE02





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
APKT11T3□□	TL60 M2.5X6-3.5	T8

注明：配套刀片建议参考株洲钻石品牌刀片。Note：The insert is Zccct brand.

★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Insert 刀片数量	Tooth 齿数	Weight 重量 (kg)
	ØD	Ød	$ØD_2$	H	ap				
PE02.11A22.050.04	50	22	40	58	39	A	16	4	0.5
PE02.11A27.063.04	63	27	50	58	39	A	16	4	0.9
PE02.11B32.080.05	80	32	60	63	39	B	20	5	1.3
PE02.11B40.100.06	100	40	70	63	39	B	24	6	2.0

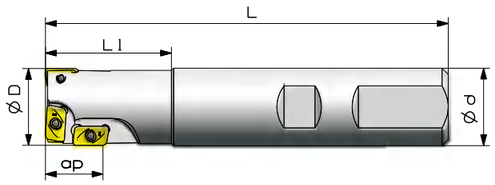
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方肩刀具 Kr:90°



PE03





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
APMT113504PDER	TL60 M2.5X6-3.5	T8
APMT160408PDER	TL60 M4X10-5.7	T15

注明：配套刀片建议参考株洲钻石品牌刀片。Note：The insert is Zccct brand.

★ 刀具规格型号 Type of milling tools

Category 类别	Type 型 号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
		ØD	Ød	L	L1	ap			
AP11	**PE03.11W25.025**	25	25	130	40	20	W	3	0.5
AP16	**PE03.16W32.032**	32	32	140	50	30	W	3	0.8
	PE03.16W32.040	40	32	150	50	30	W	3	1.0

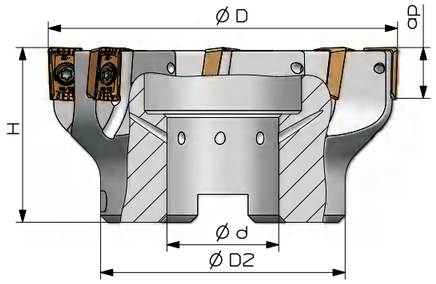
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方肩刀具 Kr:90°



PE04





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
LD□□1504□□	TL60 M3.5X12	T15

注明：配套刀片建议参考森拉天时品牌刀片。Note：The insert is Ceratizit brand.

★ 刀具规格型号 Type of Milling Tools

Type 型 号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	$ØD_2$	ØD	ød	H	ap			
PE04.15A16.040.04	35	40	16	40	13	A	4	0.3
PE04.15A22.050.05	40	50	22	40	13	A	5	0.5
PE04.15A22.063.06	50	63	22	40	13	A	6	0.9
PE04.15B27.080.07	60	80	27	50	13	B	7	1.7
PE04.15B32.100.08	70	100	32	50	13	B	8	1.7
PE04.15B40.125.10	80	125	40	63	13	B	10	2.6
PE04.15B40.160.12	100	160	40	63	13	B	12	3.5

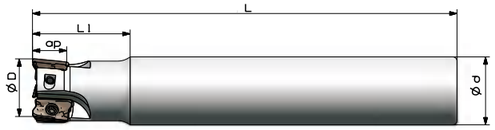
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方肩刀具 Kr:90°



PE05





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
APKT1705PER	TL60 M4X10-5.7	T15

注明：配套刀片建议参考特固克品牌刀片。Note：The insert is Taegutec brand.

★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	ØD	Ød	L	L1	ap			
PE05.17W25.025.02	25	25	100	35	14	W	2	0.3
PE05.17Z25.025.02	25	25	200	45	14	Z	2	0.5
PE05.17W32.032.03	32	32	110	40	14	W	3	1.2
PE05.17Z32.032.03	32	32	200	45	14	Z	3	1.8
PE05.17W32.040.04	40	32	115	45	14	W	4	2.4
PE05.17Z32.040.04	40	32	250	45	14	Z	4	3.2

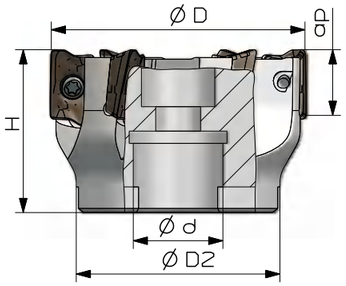
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方肩刀具 Kr:90°



PE05





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
APKT1705PER	TL60 M4X10-5.7	T15

注明：配套刀片建议参考特固克品牌刀片。Note：The insert is Taegutec brand.

★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	$ØD_2$	ØD	ød	H	ap			
PE05.17A16.040.04	35	40	16	40	14	A	4	0.3
PE05.17A22.050.05	40	50	22	40	14	A	5	0.4
PE05.17A22.063.06	50	63	22	40	14	A	6	0.5
PE05.17A27.080.07	60	80	27	50	14	A	7	1.3
PE05.17B32.100.08	70	100	32	50	14	B	8	1.5
PE05.17B40.125.09	80	125	40	63	14	B	9	3.9
PE05.17C40.160.10	100	160	40	63	14	C	10	5.6
PE05.17C60.200.12	150	200	60	63	14	C	12	7.0

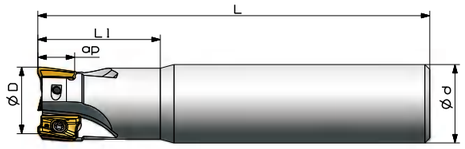
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方肩刀具 Kr:90°



PE06





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
AXMT1235□□PEER	TL60 M3X7	T08
AXMT1705□□PEER	TL60 M4X10-5.7	T15

注明：配套刀片建议参考住友品牌刀片。 Note：The insert is Sumitomo brand.

★ 刀具规格型号 Type of milling tools

Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
		ØD	Ød	L	L1	ap			
AX12	**PE06.12Z16.016.02.S**	16	16	100	25	10	Z	2	0.3
	PE06.12Z16.016.02.M	16	16	145	25	10	Z	2	0.5
	PE06.12Z20.020.03.S	20	20	110	30	10	Z	3	0.6
	PE06.12Z20.020.03.M	20	20	150	40	10	Z	3	0.8
	PE06.12Z25.025.04.S	25	25	120	35	10	Z	4	1.0
	PE06.12Z25.025.04.M	25	25	170	50	10	Z	4	1.5
	PE06.12Z32.032.05.S	32	32	130	40	10	Z	5	2.0
	PE06.12Z32.032.05.M	32	32	180	60	10	Z	5	2.4
	PE06.12Z32.040.06.S	40	32	150	30	10	Z	6	2.5
	PE06.12Z32.040.06.M	40	32	180	30	10	Z	6	3.2
AX17	**PE06.17Z25.025.02.S**	25	25	120	35	14	Z	2	1.0
	PE06.17Z25.025.02.M	25	25	170	50	14	Z	2	1.5
	PE06.17Z32.032.03.S	32	32	130	40	14	Z	3	2.0
	PE06.17Z32.032.03.M	32	32	180	60	14	Z	3	2.4
	PE06.17Z32.040.04.S	40	32	170	50	14	Z	4	2.5
	PE06.17Z32.040.04.M	40	32	220	50	14	Z	4	3.2

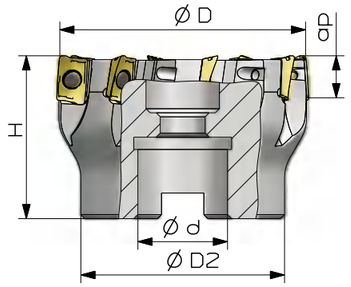
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方肩刀具 Kr:90°



PE06





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
AXMT1235□□PEER	TL60 M3X7	T08
AXMT1705□□PEER	TL60 M4X10-5.7	T15

注明：配套刀片建议参考住友品牌克刀片。Note：The insert is Sumitomo brand.

★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
		ØD	Ød	ØD2	H	ap			
AX12	**PE06.12A16.040.06**	40	16	35	40	10	A	6	0.3
	PE06.12A22.050.07	50	22	40	40	10	A	7	0.3
	PE06.12A22.063.08	63	22	50	40	10	A	8	0.5
AX17	**PE06.17A16.040.04**	40	16	35	40	14	A	4	0.3
	PE06.17A22.050.05	50	22	40	40	14	A	5	0.3
	PE06.17A22.063.06	63	22	50	40	14	A	6	0.5
	PE06.17A27.080.07	80	27	60	50	14	A	7	1.7
	PE06.17B32.100.08	100	32	70	50	14	B	8	3.2
	PE06.17B40.125.09	125	40	80	63	14	B	9	6.3

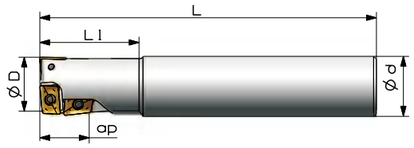
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方肩刀具 Kr:90°



PE07





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
APMT1035□□PDER	TL60 M2.5X6-3.5	T8
APMT1605□□PDER	TL60 M3.5X10-5.3	15IP

注明：配套刀片建议参考住友品牌刀片。Note：The insert is Sumitomo brand.

★ 刀具规格型号 Type of milling tools

Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
		ØD	Ød	L	L1	ap			
AP10	**PE07.10Z20.020.03.S**	20	20	130	35	17	Z	1	0.3
	PE07.10Z20.020.03.M	20	20	185	60	17	Z	1	0.5
	PE07.10Z25.025.04.S	25	25	140	40	26	Z	1	1.2
	PE07.10Z25.025.04.M	25	25	220	75	26	Z	1	1.8
	PE07.10Z25.030.04.S	30	25	150	50	35	Z	1	2.4
	PE07.10Z25.030.04.M	30	25	230	50	35	Z	1	3.2
AP16	**PE07.16Z32.032.04.S**	32	32	150	50	39	Z	1	0.3
	PE07.16Z32.032.04.M	32	32	230	90	39	Z	1	0.5
	PE07.16Z32.035.04.S	35	32	150	50	39	Z	1	1.2
	PE07.16Z32.035.04.M	35	32	230	50	39	Z	1	1.8
	PE07.16Z32.040.04.S	40	32	160	50	39	Z	1	2.4
	PE07.16Z32.040.04.M	40	32	240	50	39	Z	1	3.2

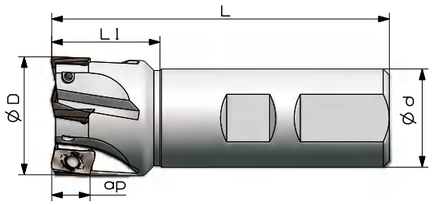
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方肩刀具 Kr:90°



PE08





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
ADMT080304R	TL60 M2.5X6-3.5	T8
ADMT120408R	TL60 M3X8-4.3	T10

注明：配套刀片建议参考瓦尔特品牌刀片。Note：The insert is Walter brand.

★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
		ØD	Ød	L	L1	ap			
AD08	**PE08.08W16.016.02**	16	16	90	34	8	W	2	0.1
	PE08.08W20.020.03	20	20	90	39	8	W	3	0.2
	PE08.08W25.025.04	25	25	100	43	8	W	4	0.3
	PE08.08W32.032.05	32	32	110	49	8	W	5	0.6
	PE08.08W32.040.06	40	32	110	40	8	W	6	0.7
	PE08.08Z16.016.02	16	16	180	34	8	Z	2	0.3
	PE08.08Z20.020.02	20	20	200	39	8	Z	2	0.5
	PE08.08Z25.025.03	25	25	200	43	8	Z	3	0.7
AD12	**PE08.12W25.025.03**	25	25	100	43	11.5	W	3	0.35
	PE08.12W32.032.04	32	32	110	49	11.5	W	4	0.6
	PE08.12W32.040.05	40	32	110	40	11.5	W	5	0.7
	PE08.12Z25.025.03	25	25	200	43	11.5	Z	3	0.7
	PE08.12Z32.032.04	32	32	250	49	11.5	Z	4	1.5
	PE08.12Z32.040.05	40	32	250	45	11.5	Z	5	1.6

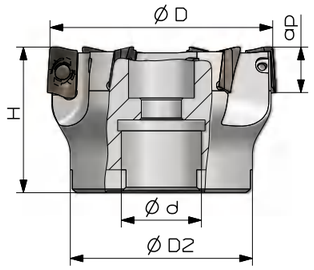
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方肩刀具 Kr:90°



PE08





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
ADMT080304R	TL60 M2.5X6-3.5	T8
ADMT120408R	TL60 M3X8-4.3	T10
ADMT160608R	TL60 M4X10-5.7	T15

注明：配套刀片建议参考瓦尔特刀片。Note：The insert is Walter brand.

★ 刀具规格型号 Type of milling tools

Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
		ØD	Ød	ØD2	H	ap			
AD08	**PE08.08A16.040.06**	40	16	35	40	8	A	6	0.2
	PE08.08A22.050.07	50	22	40	40	8	A	7	0.38
AD12	**PE08.12A16.040.05**	40	16	35	40	11.5	A	5	0.2
	PE08.12A22.050.06	50	22	40	40	11.5	A	6	0.3
	PE08.12A22.063.07	63	22	50	40	11.5	A	7	0.6
	PE08.12A27.080.08	80	27	60	50	11.5	A	8	1.1
AD16	**PE08.16A16.040.04**	40	16	35	40	15	A	4	0.2
	PE08.16A22.050.05	50	22	40	40	15	A	5	0.3
	PE08.16A22.063.06	63	22	50	40	15	A	6	0.6
	PE08.16A27.080.07	80	27	60	50	15	A	7	1.0
	PE08.16B32.100.08	100	32	70	50	15	B	8	1.6
	PE08.16B40.125.10	125	40	80	63	15	B	10	3.4
	PE08.16C40.160.12	160	40	100	63	15	C	12	4.3

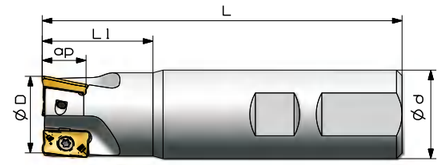
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方肩刀具 Kr:90°



PE09





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
R390–11T3□□	TL60 M2.5X6-3.5	T8
R390–1704□□	TL60 M3.5X10-5.3	15IP

注明：配套刀片建议参考山特维刀片。Note：The insert is Sandvik brand.

★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
		ØD	Ød	L	L1	ap			
11	**PE09.11Z16.016.02**	16	16	100	20	10	Z	2	0.3
	PE09.11Z20.020.02	20	20	110	25	10	Z	2	0.4
	PE09.11Z25.025.03	25	25	120	32	10	Z	3	0.5
	PE09.11Z32.032.03	32	32	130	40	10	Z	3	0.8
	PE09.11Z32.040.04	40	32	170	40	10	Z	4	1.7
	PE09.11W16.016.02	16	16	73	25	10	W	2	0.3
	PE09.11W20.020.02	20	20	81	25	10	W	2	0.4
	PE09.11W25.025.03	25	25	88	32	10	W	3	0.5
	PE09.11W32.032.03	32	32	100	40	10	W	3	0.8
	PE09.11W32.040.04	40	32	110	40	10	W	4	1.7
17	**PE09.17Z25.025.02**	25	25	120	32	15.7	Z	2	0.4
	PE09.17Z32.032.03	32	32	130	40	15.7	Z	3	0.8
	PE09.17Z32.040.04	40	32	170	40	15.7	Z	4	0.9
	PE09.17W25.025.02	25	25	88	32	15.7	W	2	0.4
	PE09.17W32.032.03	32	32	100	40	15.7	W	3	0.8
	PE09.17W32.040.04	40	32	110	40	15.7	W	4	0.9

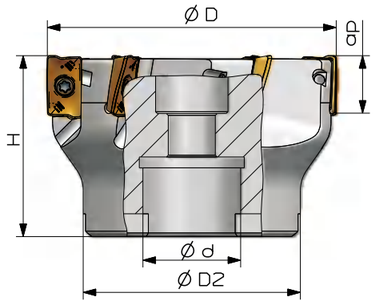
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方肩刀具 Kr:90°



PE09





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
R390-11T3□□	TL60 M2.5X6-3.5	T8
R390-1704□□	TL60 M3.5X10-5.3	15IP

注明：配套刀片建议参考山特维克品牌刀片。Note:The insert is Sandvik brand.

★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
		ØD	Ød	ØD2	H	ap			
11	**PE09.11A16.040.04**	40	16	35	40	10	A	4	0.4
	PE09.11A22.050.05	50	22	40	40	10	A	5	0.5
	PE09.11A22.063.06	63	22	50	40	10	A	6	0.6
	PE09.11A27.080.07	80	27	60	50	10	A	7	0.9
17	**PE09.17A16.040.03**	40	16	35	40	15.7	A	3	0.3
	PE09.17A22.050.04	50	22	40	40	15.7	A	4	0.4
	PE09.17A22.063.05	63	22	50	40	15.7	A	5	0.6
	PE09.17A27.080.06	80	27	60	50	15.7	A	6	0.8
	PE09.17B32.100.07	100	32	70	50	15.7	B	7	1.0
	PE09.17B40.125.08	125	40	80	63	15.7	B	8	2.7

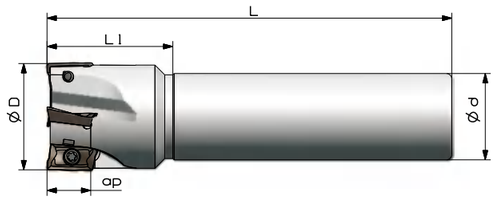
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方肩刀具 Kr:90°



PE10





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
BDMT11T3□□ER	TL60 M2.5X6-3.5	T8
BDMT1704□□ER	TL60 M4X10-5.7	T15

注明：配套刀片建议参考京瓷品牌刀片。Note:The insert is Kyocera brand.

★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量(kg)
		ØD	Ød	L	L1	ap			
11	**PE10.11Z16.016.02**	16	16	100	30	10	Z	2	0.2
	PE10.11Z20.020.03	20	20	110	32	10	Z	3	0.3
	PE10.11Z25.025.03	25	25	120	32	10	Z	3	0.3
	PE10.11Z32.032.04	32	32	130	40	10	Z	4	0.4
17	**PE10.17Z25.025.02**	25	25	120	36	15.7	Z	2	0.3
	PE10.17Z32.032.03	32	32	130	40	15.7	Z	3	0.4
	PE10.17Z32.040.04	40	32	150	40	15.7	Z	4	0.5

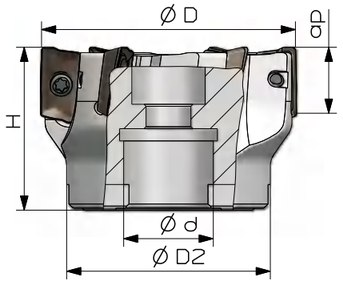
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方肩刀具 Kr:90°

P M K N

PE10





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
BDMT11T3□□ER	TL60 M2.5X6-3.5	T8
BDMT1704□□ER	TL60 M4X10-5.7	T15

注明：配套刀片建议参考京瓷品牌刀片。Note:The insert is Kyocera brand.

★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量(kg)
		ØD	Ød	ØD2	H	ap			
11	**PE10.11A22.050.07**	50	22	40	40	10	A	7	0.5
	PE10.11A22.063.08	63	22	50	40	10	A	8	0.6
	PE10.11A27.080.10	80	27	60	50	10	A	10	0.9
17	**PE10.17A22.050.05**	50	22	40	40	15.7	A	5	0.4
	PE10.17A22.063.06	63	22	50	40	15.7	A	6	0.6
	PE10.17A27.080.08	80	27	60	50	15.7	A	8	0.8
	PE10.17B32.100.09	100	32	70	50	15.7	B	9	1.5

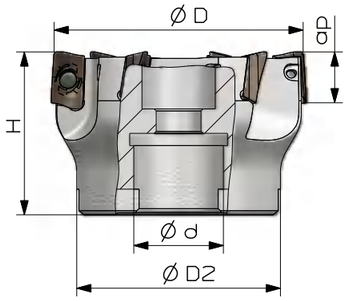
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方肩刀具 Kr:90°

P M K N

PE11





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
APKT100304PDER	TL60 M2.5X6-3.5	T8

注明：配套刀片建议参考伊斯卡品牌刀片。 Note:The insert is Iscar brand.

★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量(kg)
		ØD	Ød	ØD2	H	ap			
AP10	**PE11.10A16.040.05**	40	16	35	40	8	A	5	0.2
	PE11.10A22.050.06	50	22	40	40	8	A	6	0.3
	PE11.10A22.063.07	63	22	50	40	8	A	7	0.6
	PE11.10A27.080.08	80	27	60	50	8	A	8	1.1
	PE11.10B32.100.10	100	32	70	50	8	B	10	1.6

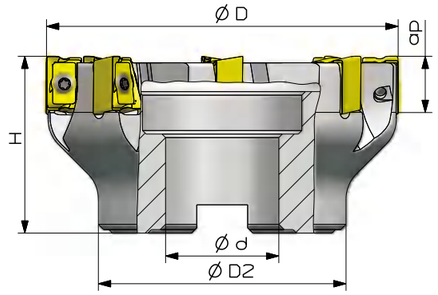
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方肩刀具 Kr:90°

P M K N

PE12





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
LN□X151008PNR	TL60 M4X10-5.7	T15

注明：配套刀片建议参考克洛伊品牌刀片。 Note:The insert is Korloy brand.

★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	ØD	Ød	ØD2	H	ap			
PE12.15A22.050.04	50	22	40	40	14	A	4	0.4
PE12.15A22.063.06	63	22	50	40	14	A	6	0.6
PE12.15A27.080.07	80	27	60	50	14	A	7	1.2
PE12.15B32.100.8	100	32	70	50	14	B	8	2.4
PE12.15B40.125.10	125	40	80	63	14	B	10	3.8
PE12.15B40.160.12	160	40	100	63	14	B	12	4.6

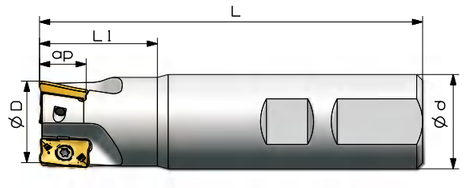
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方肩刀具 Kr:90°

P M K N

PE14





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
AXMT11T308	TL60M2.5X6-3.5	T8

注明：配套刀片与株洲钻石、山特通用。Note:Replaceable with Zccct/Sandvik brand inserts.

★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	ØD	Ød	L	L1	ap			
PE14.11Z16.016.02	16	16	100	20	10	Z	2	0.3
PE14.11Z20.020.02	20	20	110	25	10	Z	2	0.4
PE14.11Z25.025.03	25	25	120	32	10	Z	3	0.5
PE14.11Z32.032.03	32	32	130	40	10	Z	3	0.8
PE14.11Z32.040.04	40	32	170	40	10	Z	4	1.7
PE14.11W16.016.02	16	16	73	25	10	W	2	0.3
PE14.11W20.020.02	20	20	81	25	10	W	2	0.4
PE14.11W25.025.03	25	25	88	32	10	W	3	0.5
PE14.11W32.032.03	32	32	100	40	10	W	3	0.8
PE14.11W32.040.04	40	32	110	40	10	W	4	1.7

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

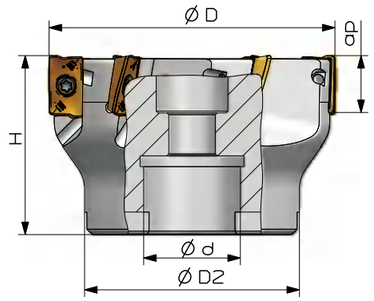
方肩刀具 Kr:90°




P M K N

PE14





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
AXMT11T308	TL60M2.5X6 -3.5	T8

注明：配套刀片与株洲钻石、山特通用。Note:Replaceable with Zccct/Sandvik brand inserts.

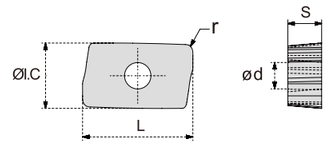
★ 刀具规格型号 Type of Milling Tools

Type 型 号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	$ØD_2$	ØD	ød	H	a_p			
PE14.11A22.050.06	40	50	22	40	10	A	6	0.5
PE14..11A22.063.08	50	63	22	40	10	A	8	0.6
PE14..11A27.080.09	60	80	27	50	10	A	9	0.9
PE14..11B32.100.10	70	100	32	50	10	B	10	1.0

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★ 刀片选择 Matching Insert

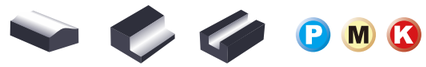
型号 Type	SP210M	SD2136	SD2336	SD4326	SD4226	SD4236	SD5346	SD5236	SD5450	SD5440	SD5146	基本尺寸(mm) Dimension				
												L	ØI.C	S	Ød	r
AXMT11T308-GM	●											11.7	6.93	3.6	2.8	0.8
AXMT170408-PM		●	●		○				○			17.6	9.6	4.76	4.3	0.8
P 钢	□	■	■						■							
M 不锈钢	□	□	■						■							
K 铸铁	■		■		■											
N 有色金属																
S 耐热合金、钛合金			■													
H 淬硬材料																



● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

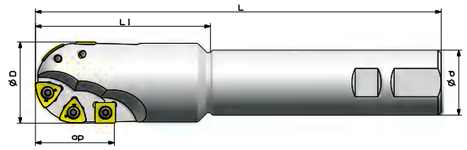
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仿形铣刀



RB01





★ 刀具附件 Spare parts

刀片 Insert	刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
ZDET08T2CYR10	SPMT060304	TL60 M2.5X5	T08
ZDET1103CYR12.5	SPMT060304	TL60 M2.5X5	T08
ZDET13T3CYR16	SDMT090308	TL60 M3.5X10-5.3	15IP
ZPNT2204CYR20	SPMT120408	TL60 M5X13	T20

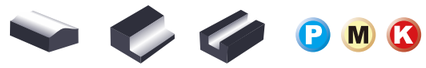
注明：配套刀片建议参考株洲钻石品牌刀片。Note:The insert is Zccct brand.

★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量(kg)
	ØD	Ød	L	L1	ap			
RB01.20W20.020.S	20	20	125	50	20	W	4	0.3
RB01.20W20.020.M	20	20	150	75	20	W	4	0.3
RB01.20W20.020.L	20	20	200	100	20	W	4	0.4
RB01.25W25.025.S	25	25	150	70	23	W	4	0.5
RB01.25W25.025.M	25	25	175	95	23	W	4	0.6
RB01.25W25.025.L	25	25	200	100	23	W	4	0.7
RB01.32W32.032.S	32	32	175	85	31	W	4	0.9
RB01.32W32.032.M	32	32	200	100	31	W	4	1.1
RB01.32W32.032.L	32	32	250	150	31	W	4	1.4
RB01.40W32.040.S	40	32	175	50	41	W	5	1.4
RB01.40W32.040.M	40	32	200	50	41	W	5	1.7
RB01.40W32.040.L	40	32	250	50	41	W	5	2.1

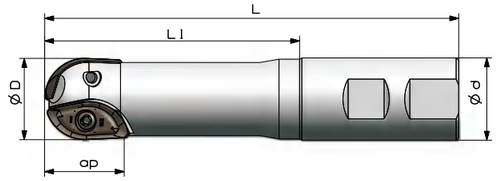
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仿形铣刀



RB02





★ 刀具附件 Spare parts

刀片 Insert	压板 Clamp	刀片螺钉 Insert Screw	扳手Wrench
XPHT16R803		TL60 M2.5X6	T08
XPHT20R10T3		TL60 M3.5X8-5.3	T15
XPHT25R1204		TL60 M4X10-5.7	T15
XPHT30R1506	WD208	TL60 M5X12	T20
XPHT32R1606	WD208	TL60 M5X12	T20

注明：配套刀片建议参考株洲钻石品牌刀片。 Note:The insert is Zccct brand.

★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量(kg)
	ØD	Ød	L	L1	ap			
RB02.16W20.016.S	16	20	111	60	16	W	2	0.2
RB02.20W25.020.S	20	25	127	70	20	W	2	0.3
RB02.20W25.020.M	20	25	150	80	20	W	2	0.4
RB02.25W25.025.S	25	25	137	80	25	W	2	0.4
RB02.25W25.025.M	25	25	200	100	25	W	2	0.6
RB02.30W32.030.S	30	32	161	100	30	W	2	0.8
RB02.30W32.030.M	30	32	250	150	30	W	2	1.3
RB02.32W32.032.S	32	32	161	100	32	W	2	0.8
RB02.32W32.032.M	32	32	250	120	32	W	2	1.3

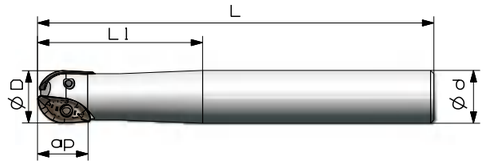
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仿形铣刀

P M K

RB02





★ 刀具附件 Spare parts

刀片 Insert	压板 Clamp	刀片螺钉 Insert Screw	扳手 Wrench
XPHT16R803		TL60 M2.5X6.5	T08
XPHT20R10T3		TL60M3.5X8	T15
XPHT25R1204		TL60 M4X10-5.7	T15
XPHT30R1506	WD208	TL60 M5X12	T20
XPHT32R1606	WD208	TL60 M5X12	T20

注明：配套刀片建议参考株洲钻石品牌刀片。Note:The insert is Zccct brand.

★ 刀具规格型号 Type of Milling Tools

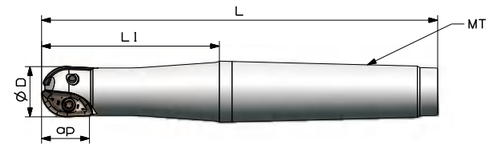
Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量(kg)
	ØD	Ød	L	L1	ap			
RB02.16Z20.016.S	16	20	150	70	16	Z	2	0.3
RB02.16Z20.016.M	16	20	180	80	16	Z	2	0.4
RB02.20Z25.020.S	20	25	180	80	20	Z	2	0.5
RB02.20Z25.020.M	20	25	200	100	20	Z	2	0.6
RB02.20Z25.020.L	20	25	250	150	20	Z	2	0.7
RB02.25Z25.025.S	25	25	180	80	25	Z	2	0.6
RB02.25Z25.025.M	25	25	200	100	25	Z	2	0.7
RB02.25Z25.025.L	25	25	250	110	25	Z	2	0.8
RB02.30Z32.030.S	30	32	200	120	30	Z	2	1.0
RB02.30Z32.030.M	30	32	250	150	30	Z	2	1.3
RB02.30Z32.030.L	30	32	300	200	30	Z	2	1.6
RB02.32Z32.032.S	32	32	200	120	32	Z	2	1.1
RB02.32Z32.032.M	32	32	250	150	32	Z	2	1.4
RB02.32Z32.032.L	32	32	300	200	32	Z	2	1.6

仿形铣刀

P M K

RB02





★ 刀具附件 Spare parts

刀片 Insert	压板 Clamp	刀片螺钉 Insert Screw	扳手Wrench
XPHT16R803		TL60 M2.5X6-3.5	T8
XPHT20R10T3		TL60 M3.5X8-5.3	T15
XPHT25R1204		TL60 M4X10-5.7	T15
XPHT30R1506	WD208	TL60 M5X12	T20
XPHT32R1606	WD208	TL60 M5X12	T20

注明：配套刀片建议参考株洲钻石品牌刀片。 Note:The insert is Zccct brand.

★ 刀具规格型号 Type of Milling Tools

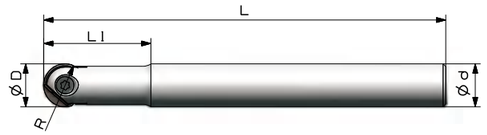
Type 型号	基本尺寸(mm) Dimension					Tooth 齿数	Weight 重量(kg)
	ØD	MT	L	L1	ap		
RB02.20MT3.020.M	20	3	156	70	20	2	0.4
RB02.20MT3.020.L	20	3	186	100	20	2	0.4
RB02.25MT3.025.M	25	3	156	70	25	2	0.4
RB02.25MT3.025.L	25	3	186	100	25	2	0.4
RB02.30MT4.030.M	30	4	189	70	30	2	0.8
RB02.30MT4.030.L	30	4	229	120	30	2	1.0
RB02.32MT4.032.M	32	4	179	70	32	2	0.9
RB02.32MT4.032.L	32	4	209	100	32	2	0.9

仿形铣刀



RB03





★ 刀具附件 Spare parts

Diameter 直径	刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
¢12	ZOHX1203	I70 M4X10TT	T15
¢16	ZOHX1604	I70 M5X12TT	T20
¢20	ZOHX2005	I70 M5X16TT	T20
¢25	ZOHX2506	I70 M6X20TT	T20
¢30	ZOHX3007	I70 M8X25TT	T30S
¢32	ZOHX3207	I70 M8X25TT	T30S

注明：配套刀片建议参考株洲钻石品牌刀片。 Note:The insert is Zccct brand.

★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量(kg)
		ØD	Ød	L	L1	R			
¢12	**RB03.12Z12.012.M**	12	12	125	35	6	Z	1	0.1
	RB03.12Z12.012.L	12	12	150	45	6	Z	1	0.1
	RB03.12Z16.012.M	12	16	125	50	6	Z	1	0.2
	RB03.12Z16.012.L	12	16	150	70	6	Z	1	0.2
¢16	**RB03.16Z16.016.M**	16	16	150	40	8	Z	1	0.2
	RB03.16Z16.016.L	16	16	180	55	8	Z	1	0.3
	RB03.16Z20.016.M	16	20	150	60	8	Z	1	0.3
	RB03.16Z20.016.L	16	20	180	80	8	Z	1	0.3
¢20	**RB03.20Z20.020.M**	20	20	180	65	10	Z	1	0.4
	RB03.20Z20.020.L	20	20	250	100	10	Z	1	0.6
	RB03.20Z25.020.M	20	25	180	75	10	Z	1	0.6
	RB03.20Z25.020.L	20	25	200	95	10	Z	1	0.8

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仿形铣刀

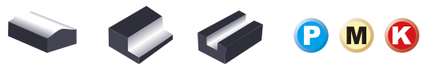


★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量(kg)
		ØD	Ød	L	L1	R			
¢25	**RB03.25Z25.025.M**	25	25	200	70	12.5	Z	1	0.7
	RB03.25Z25.025.L	25	25	250	100	12.5	Z	1	0.9
	RB03.25Z32.025.M	25	32	200	90	12.5	Z	1	1.0
	RB03.25Z32.025.L	25	32	250	110	12.5	Z	1	1.3
¢30	**RB03.30Z32.030.M**	30	32	250	80	15	Z	1	1.2
	RB03.30Z32.030.L	30	32	300	110	15	Z	1	1.5
¢32	**RB03.32Z32.032.M**	32	32	250	80	16	Z	1	1.4
	RB03.32Z32.032.L	32	32	300	110	16	Z	1	1.7

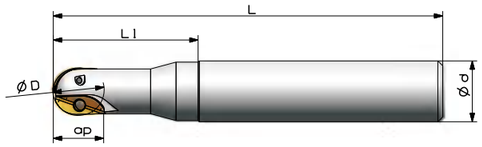
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仿形铣刀



RB04





★ 刀具附件 Spare parts

刀片 Insert	刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
ZNMT1804100-C	ZNMT2004100-S	TL60 M3X7	T10
ZNMT2205125-C	ZNMT2305125-S	TL60 M4X10-5.7	T15
ZNMT2706150-C	ZNMT2806150-S	TL60 M4X10/TL60M5X12	T15/T20

注明：配套刀片建议参考住友品牌刀片。Note:The insert is Sumitomo brand.

★ 刀具规格型号 Type of Milling Tools

Type 型 号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量(kg)
	ØD	Ød	L	L1	ap			
RB04.20Z25.020.S	20	25	140	60	20	Z	2	0.3
RB04.20Z25.020.M	20	25	200	60	20	Z	2	0.5
RB04.20Z25.020.L	20	25	250	80	20	Z	2	0.7
RB04.25Z32.025.S	25	32	150	70	23	Z	2	0.6
RB04.25Z32.025.M	25	32	220	75	23	Z	2	0.8
RB04.25Z32.025.L	25	32	300	100	23	Z	2	1.0
RB04.30Z32.030.S	30	32	160	80	28	Z	2	0.9
RB04.30Z32.030.M	30	32	240	85	28	Z	2	1.2
RB04.30Z32.030.L	30	32	350	120	28	Z	2	1.8

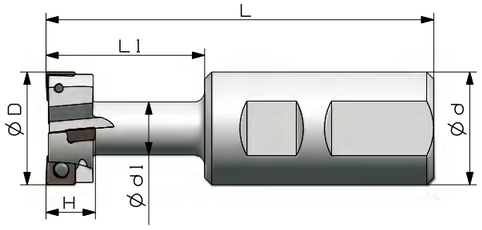
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三面刃刃铣削刀具



PT01





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉Insert Screw	扳手 Wrench
MPHT060304-DM	TL60M2.5X6-3.5	T8
MPHT080305-DM	TL60M3X7	T10
MPHT120408-DM	TL60M5X11	T20

注明：配套刀片与株洲钻石通用。Note:Replaceable with Zccct brand inserts.

★ 刀具规格型号 Type of Milling Tools

Type 型 号	基本尺寸(mm) Dimension						Tooth 齿数	Weight 重量(kg)
	ØD	Ød	Ød1	L	L1	H		
PT01.06W25.021.01.H9	21	25	10	100	32	9	1	0.2
PT01.06W25.025.01.H11	25	25	12	100	35	11	1	0.3
PT01.08W32.032.02.H14	32	32	15	110	45	14	2	0.5
PT01.12W32.040.02.H18	40	32	19	125	55	18	2	0.7
PT01.12W40.050.02.H22	50	40	25	140	65	22	2	1.2

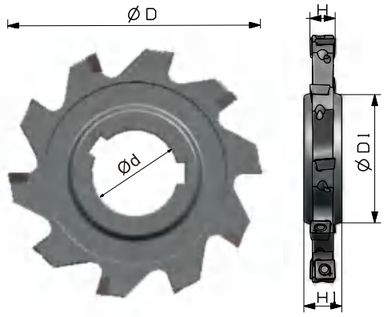
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三面刀刃铣削刀具

P M K

PT01





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
MPHT060304–DM	TL60 M2.5X6–3.5	T8
MPHT080305–DM	TL60M3X7	T10
MPHT120408–DM	TL60 M5X12-7.0	T20

注明：配套刀片与株洲钻石通用。Note:Replaceable with Zccct brand inserts.

★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension					Tooth 齿数	Weight 重量(kg)
		ØD	ØD1	Ød	H1	H		
MP06	**PT01.06J27.080.10.H8**	80	41	27	12	8	10	0.2
	PT01.06J32.100.14.H8	100	47	32	12	8	14	0.3
	PT01.06J32.100.14.H10	100	47	32	14	10	14	0.4
	PT01.06J40.125.16.H10	125	55	40	14	10	16	0.6
MP08	**PT01.08J40.125.12.H12**	125	55	40	16	12	12	0.7
	PT01.08J40.160.14.H12	160	62	40	16	12	14	1.3
MP12	**PT01.12J40.160.12.H16**	160	62	40	20	16	12	1.6
	PT01.12J40.160.12.H18	160	62	40	24	18	12	1.9
	PT01.12J40.160.12.H20	160	62	40	26	20	12	2.1
	PT01.12J50.200.14.H16	200	72	50	20	16	14	2.5
	PT01.12J50.200.14.H18	200	72	50	24	18	14	2.9
	PT01.12J50.200.14.H20	200	72	50	26	20	14	3.3

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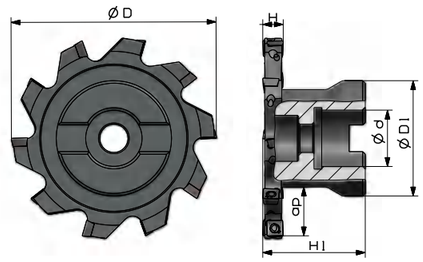
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铣削刀具 | MILLING TOOLS
Indexable milling tools 可转位铣削刀具

三面刀刃铣削刀具

P M K

PT01





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手Wrench
MPHT060304–DM	TL60 M2.5X6–3.5	T8
MPHT080305–DM	TL60M3X7	T10
MPHT120408–DM	TL60 M5X12-7.0	T20

注明：配套刀片与株洲钻石通用。Note:Replaceable with Zccct brand inserts.

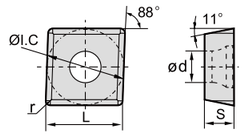
★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension						Tooth 齿数	Adapter 接口形式	Weight 重量(kg)
		ØD	ØD1	Ød	H1	H	ap			
MP06	**PT01.06A22.080.10.H8**	80	45	22	40	8	21	10	A	0.4
	PT01.06B27.100.14.H8	100	55	27	40	8	24	14	B	0.6
	PT01.06B27.100.14.H10	100	55	27	40	10	24	14	B	0.7
	PT01.06B32.125.16.H10	125	65	32	45	10	33	16	B	1.1
MP08	**PT01.08B32.125.12.H12**	125	65	32	45	12	33	12	B	1.4
	PT01.08B40.160.14.H12	160	80	40	45	12	45	14	B	1.9
	PT01.08C40.200.18.H12	200	92	40	50	12	53	18	C	3.2
MP12	**PT01.12B32.125.10.H16**	125	65	32	50	16	30	10	B	2.3
	PT01.12B40.160.12.H16	160	80	40	60	16	45	12	B	2.3
	PT01.12B40.160.12.H18	160	80	40	60	18	45	12	B	2.4
	PT01.12C40.200.14.H16	200	92	40	50	16	53	14	C	2.6
	PT01.12C40.200.14.H18	200	92	40	50	18	53	14	C	3.9
	PT01.12C40.200.14.H20	200	92	40	50	20	53	14	C	4.2

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

★ 刀片选择 Matching Insert

型号 Type	Sk001	SD2136	SD2336	SD4326	SD4226	SD4236	SD5346	SD5236	SD5450	SD5440	SD5146	基本尺寸(mm) Dimension				
												L	ØI.C	S	Ød	r
MPHT060304-DM	○	●	●		○				○			6.35	6.35	3.18	2.8	0.4
MPHT080305-DM	○	●	●		○				○			8.3	8.3	3.18	3.4	0.5
MPHT120408-DM	○	●	●		○				○			12.7	12.7	4.76	5.56	0.8
P 钢		■	■						■							
M 不锈钢		□	■						■							
K 铸铁			■		■											
N 有色金属	■															
S 耐热合金、钛合金			■													
H 淬硬材料																



● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

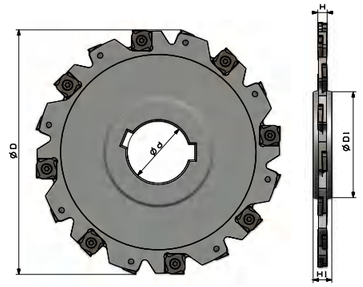
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三面刃刃铣削刀具

P M K

PT02





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
XSEQ1202	I91M4X3.2X	8IP
XSEQ1203	I91M4X4.2X	
XSEQ12T3	I91M4X5.1X	
XSEQ1204	I91M4X6.1X	
XSEQ12T4	I91M4X7.1X	

注明：配套刀片与株洲钻石通用。Note:Replaceable with Zccct brand inserts.

★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension					Tooth 齿数	Weight 重量(kg)
		ØD	ØD1	Ød	H1	H		
02	**PT02.12J27.100.10.H4**	100	40.7	27	12	4	10	0.2
	PT02.12J40.125.12.H4	125	50.5	40	12	4	12	0.3
	PT02.12J40.160.16.H4	160	66.7	40	12	4	16	0.5
03	**PT02.12J27.100.10.H5**	100	45	27	12	5	10	0.2
	PT02.12J40.125.12.H5	125	58	40	12	5	12	0.3
	PT02.12J40.160.16.H5	160	68	40	12	5	16	0.6
T3	**PT02.12J27.100.10.H6**	100	45	27	12	6	10	0.3
	PT02.12J40.125.12.H6	125	58	40	12	6	12	0.4
	PT02.12J40.160.16.H6	160	68	40	12	6	16	0.7
	PT02.12J50.200.18.H6	200	72	50	12	6	18	1.1
	PT02.12J50.250.24.H6	250	72	50	12	6	24	1.7

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P M K

★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension					Tooth 齿数	Weight 重量 (kg)
		ØD	ØD1	Ød	H1	H		
04	**PT02.12J27.100.10.H7**	100	45	27	12	7	10	0.3
	PT02.12J40.125.12.H7	125	58	40	12	7	12	0.4
	PT02.12J40.160.16.H7	160	68	40	12	7	16	0.8
	PT02.12J50.200.18.H7	200	72	50	12	7	18	1.2
	PT02.12J50.250.24.H7	250	72	50	12	7	24	1.9
T4	**PT02.12J27.100.10.H8**	100	45	27	12	8	10	0.3
	PT02.12J40.125.12.H8	125	58	40	12	8	12	0.5
	PT02.12J40.160.16.H8	160	68	40	12	8	16	0.9
	PT02.12J50.200.18.H8	200	72	50	12	8	18	1.4
	PT02.12J50.250.24.H8	250	72	50	12	8	24	2.2

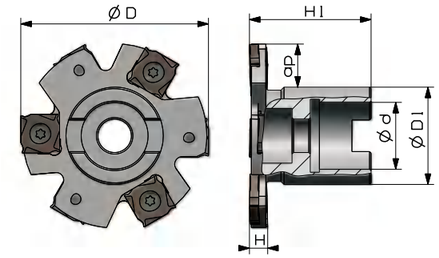
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P M K

PT02





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
XSEQ1202	I91M4X3.2X	8IP
XSEQ1203	I91M4X4.2X	8IP
XSEQ12T3	I91M4X5.1X	8IP
XSEQ1204	I91M4X6.1X	8IP
XSEQ12T4	I91M4X7.1X	8IP

注明：配套刀片与株洲钻石通用。Note:Replaceable with Zccct brand inserts.

★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量(kg)
		ØD	ØD1	Ød	H1	H	ap			
02	**PT02.12A22.063.06.H4**	63	32	22	40	4	14	A	6	0.2
	PT02.12A22.080.08.H4	80	40	22	50	4	18	A	8	0.4
	PT02.12A27.100.10.H4	100	48	27	50	4	23	A	10	0.6
03	**PT02.12A22.063.06.H5**	63	32	22	40	5	14	A	6	0.2
	PT02.12A22.080.08.H5	80	40	22	50	5	18	A	8	0.4
	PT02.12A27.100.10.H5	100	48	27	50	5	23	A	10	0.7
T3	**PT02.12A22.063.06.H6**	63	32	22	40	6	14	A	6	0.2
	PT02.12A22.080.08.H6	80	40	22	50	6	18	A	8	0.4
	PT02.12A27.100.10.H6	100	48	27	50	6	23	A	10	0.7
	PT02.12B40.125.12.H6	125	70	40	50	6	30	B	12	1.0
	PT02.12B40.160.16.H6	160	70	40	50	6	41	B	16	1.3

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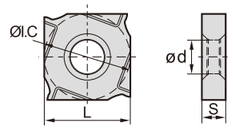
P M K

★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension						Adapter 接口形式	Tooth 齿数	Weight 重量(kg)
		ØD	ØD1	Ød	H1	H	ap			
04	**PT02.12A22.063.06.H7**	63	32	22	40	7	14	A	6	0.2
	PT02.12A22.080.08.H7	80	40	22	50	7	18	A	8	0.5
	PT02.12A27.100.10.H7	100	48	27	50	7	23	A	10	0.7
	PT02.12B40.125.12.H7	125	70	40	50	7	27	B	12	1.1
	PT02.12B40.160.16.H7	160	70	40	50	7	41	B	16	1.4
T4	**PT02.12A22.063.06.H8**	63	32	22	40	8	14	A	6	0.2
	PT02.12A22.080.08.H8	80	40	22	50	8	18	A	8	0.5
	PT02.12A27.100.10.H8	100	48	27	50	8	23	A	10	0.8
	PT02.12B40.125.12.H8	125	70	40	50	8	27	B	12	1.1
	PT02.12B40.160.16.H8	160	70	40	50	8	41	B	16	1.5

★ 刀片选择 Matching Insert

型号 Type	SD2136	SD2336	SD4326	SD4226	SD4236	SD5346	SD5236	SD5450	SD5440	SD5146	基本尺寸(mm) Dimension			
											ØI.C	S	Ød	L
XSEQ1202	○	○									12.7	2.3	5	12.7
XSEQ1203	○	○									12.7	3	5	12.7
XSEQ12T3	○	○									12.7	3.5	5	12.7
XSEQ1204	○	○									12.7	4	5	12.7
P 钢	■	■												
M 不锈钢	□	■												
K 铸铁		■												
N 有色金属														
S 耐热合金、钛合金		■												
H 淬硬材料														



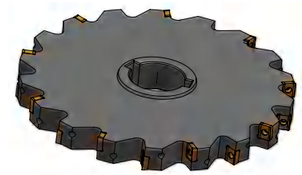
● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

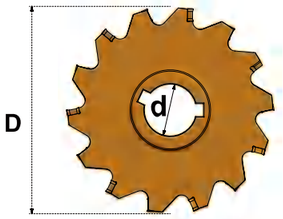
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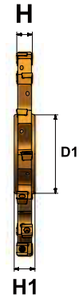
三面刃刃铣削刀具

P M K

PT03







★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
X3-084508H	TL60M3X8-4.3	T10
X3-115008H	TL60M4X10-5.7	T15
X3-145008H	TL60M4X10-5.7	T15

注明：配套刀片与山特通用。Note:Replaceable with Sandvik brand inserts.

★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension					Tooth 齿数	Weight 重量(kg)
		ØD	ØD1	Ød	H	H1		
08	**PT03.08J40.125.12.H12**	125	55	40	12	16	12	0.72
	PT03.08J40.160.14.H12	160	62	40	12	16	14	1.32
11	**PT03.11J40.160.14.H16**	160	62	40	16	20	14	1.80
	PT03.11J40.160.14.H18	160	62	40	18	24	14	2.10
	PT03.11J50.200.16.H16	200	72	50	16	20	16	2,90
	PT03.11J50.200.16.H18	200	72	50	18	24	16	3.35
14	**PT03.14J50.200.16.H20**	200	72	50	20	26	16	3.67
	PT03.14J50.200.16.H24	200	72	50	24	28	16	4.41
	PT03.14J50.250.18.H20	250	72	50	20	26	18	6.12
	PT03.14J50.250.18.H24	250	72	50	24	28	18	7.38

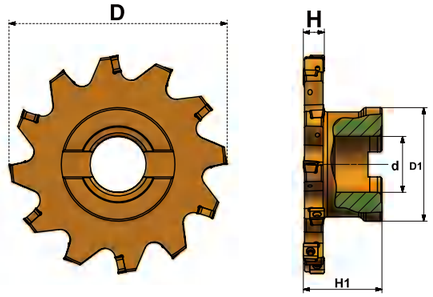
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P M K

PT03





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
X3-084508H	TL60M3X8-4.3	T10
X3-115008H	TL60M4X10-5.7	T15
X3-145008H	TL60M4X10-5.7	T15

注明：配套刀片与山特通用。Note:Replaceable with Sandvik brand inserts.

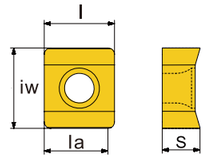
★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension					Tooth 齿数	Adapter 接口形式	Weight 重量(kg)
		ØD	ØD1	Ød	H	H1			
08	**PT03.08B32.125.12.H12**	125	65	32	12	45	12	B	1.2
	PT03.08B40.160.14.H12	160	80	40	12	45	12	B	2.2
11	**PT03.11B40.160.14.H16**	160	80	40	16	50	14	B	2.5
	PT03.11B40.160.14.H18	160	80	40	18	50	14	B	2.7
	PT03.11C40.200.16.H16	200	92	40	16	50	16	C	4.0
	PT03.11C40.200.16.H18	200	92	40	18	50	16	C	4.3
14	**PT03.14C40.200.16.H20**	200	92	40	20	50	16	C	4.5
	PT03.14C40.200.16.H24	200	92	40	24	50	16	C	4.7
	PT03.14C60.250.18.H20	250	135	60	20	63	18	C	8.6
	PT03.14C60.250.18.H24	250	135	60	24	63	18	C	8.9

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★ 刀片选择 Matching Insert

型号 Type	SP210M	SP210T	SD2136	SD2336	SD4326	SD4226	SD4236	SD5346	SD5236	SD5450	基本尺寸(mm) Dimension			
											la	l	iW	S
X3-084508H	○	○									7.7	8.5	9.5	4.95
X3-115008H	○	○									10.7	11.5	11.5	4.95
X3-145008H	○	○									13.7	14.5	11.5	4.95
P 钢	□	■												
M 不锈钢	□	□												
K 铸铁	■	□												
N 有色金属														
S 耐热合金、钛合金														
H 淬硬材料														



● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

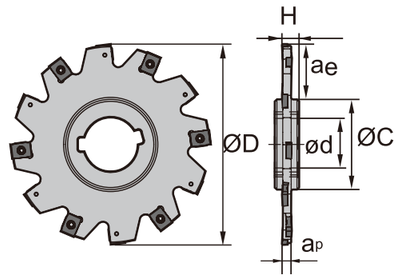
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三面刃刃铣削刀具

P M K

PT04





K型接口

★ 刀具附件 Spare parts

刀具直径 Diameter ØD	刃宽ap Cutting Edge (mm)	刀片螺钉 Insert Screw	扳手 Wrench
Ø63-Ø160	4	TL60M2.5X3.2	T06
	5	TL60M2.5X3.9	
	6	TL60M2.5X4.8	
Ø63-Ø250	7	TL60M4X5.1	T10
	8	TL60M4X6.6	
	9	TL60M4X7.6	
	10	TL60M4X8.5	

注明：配套刀片与株洲钻石通用。Note:Replaceable with Zccct brand inserts.

★ 刀具规格型号 Type of Milling Tools

Category 类别	型 号	基本尺寸(mm) Dimension ØD	Ød	Øc	H	ap	aemax	Tooth 齿数	Adapter 接口形式	Weight 重量(kg)
1023	PT04.LN1023.J22.063.08.H4	63	22	34	8	4	12.0	8	K	0.1
	PT04.LN1023.J22.080.10.H4	80	22	34	8	4	21.0	10	K	0.1
	PT04.LN1023.J27.100.12.H4	100	27	41	12	4	27.0	12	K	0.2
	PT04.LN1023.J40.125.14.H4	125	40	55	12	4	32.0	14	K	0.4
	PT04.LN1023.J40.160.18.H4	160	40	55	12	4	50.0	18	K	0.6
1028	PT04.LN1028.J22.063.08.H5	63	22	34	8	5	13.0	8	K	0.1
	PT04.LN1028.J22.080.10.H5	80	22	34	8	5	21.0	10	K	0.2
	PT04.LN1028.J27.100.12.H5	100	27	41	12	5	27.0	12	K	0.3
	PT04.LN1028.J40.125.14.H5	125	40	55	12	5	33.0	14	K	0.4
	PT04.LN1028.J40.160.18.H5	160	40	55	12	5	50.0	18	K	0.7

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P M K

★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension ØD	Ød	Øc	H	ap	aemax	Tooth 齿数	Adapter 接口形式	Weight 重量(kg)
1033	PT04.LN1033.J22.063.08.H6	63	22	34	8	6	13.0	8	K	0.1
	PT04.LN1033.J22.080.10.H6	80	22	34	8	6	21.5	10	K	0.2
	PT04.LN1033.J27.100.12.H6	100	27	41	12	6	27.0	12	K	0.3
	PT04.LN1033.J40.125.14.H6	125	40	55	12	6	33.0	14	K	0.5
	PT04.LN1033.J40.160.18.H6	160	40	55	12	6	50.0	18	K	0.8
	PT04.LN1033.J50.200.20.H6	200	50	69	12	6	63.0	20	K	1.2
	PT04.LN1033.J50.250.24.H6	250	50	69	12	6	88.0	24	K	2.0
1238	PT04.LN1238.J22.080.08.H7	80	22	34	12	7	20.0	8	K	0.2
	PT04.LN1238.J27.100.10.H7	100	27	41	12	7	26.5	10	K	0.3
	PT04.LN1238.J40.125.12.H7	125	40	55	12	7	32.0	12	K	0.5
	PT04.LN1238.J40.160.16.H7	160	40	55	12	7	49.5	16	K	0.8
	PT04.LN1238.J50.200.18.H7	200	50	69	12	7	62.5	18	K	1.3
	PT04.LN1238.J50.250.24.H7	250	50	69	12	7	87.5	24	K	2.1
1243	PT04.LN1243.J22.080.08.H8	80	22	34	12	8	20.5	8	K	0.2
	PT04.LN1243.J27.100.10.H8	100	27	41	12	8	27.0	10	K	0.3
	PT04.LN1243.J40.125.12.H8	125	40	55	12	8	32.5	12	K	0.9
	PT04.LN1243.J40.160.16.H8	160	40	55	12	8	50.0	16	K	0.9
	PT04.LN1243.J50.200.18.H8	200	50	69	12	8	63.0	18	K	1.4
	PT04.LN1243.J50.250.24.H8	250	50	69	12	8	83.0	24	K	2.3
1248	PT04.LN1248.J27.100.10.H9	100	27	41	12	9	27.5	10	K	0.4
	PT04.LN1248.J40.125.12.H9	125	40	55	12	9	33.0	12	K	0.6
	PT04.LN1248.J40.160.16.H9	160	40	55	12	9	50.5	16	K	1
	PT04.LN1248.J50.200.18.H9	200	50	69	12	9	63.5	18	K	1.6
	PT04.LN1248.J50.250.24.H9	250	50	69	12	9	88.5	24	K	2.6
1253	PT04.LN1253.J27.100.10.H10	100	27	41	12	10	28.0	10	K	0.4
	PT04.LN1253.J40.125.12.H10	125	40	55	12	10	33.5	12	K	0.6
	PT04.LN1253.J40.160.16.H10	160	40	55	12	10	51.0	16	K	1.1
	PT04.LN1253.J50.200.18.H10	200	50	69	12	10	64.0	18	K	1.8
	PT04.LN1253.J50.250.24.H10	250	50	69	12	10	89.0	24	K	2.9

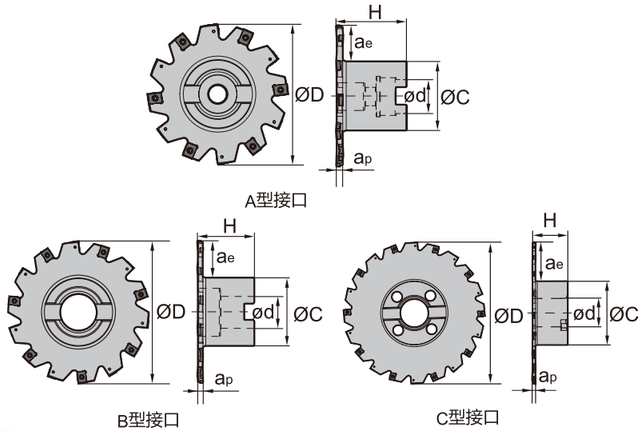
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三面刀刃铣削刀具

P M K

PT04





★ 刀具附件 Spare parts

刀具直径 Diameter ØD	刃宽ap Cutting Edge (mm)	刀片螺钉 Insert Screw	扳手 Wrench
Ø63-Ø160	4	TL60M2.5X3.2	T06
	5	TL60M2.5X3.9	
Ø63-Ø250	6	TL60M2.5X4.8	
	7	TL60M4X5.1	T10
	8	TL60M4X6.6	
	9	TL60M4X7.6	
	10	TL60M4X8.5	

注明：配套刀片与株洲钻石通用。Note:Replaceable with Zccct brand inserts.

★ 刀具规格型号 Type of Milling Tools

Category 类别	型号	基本尺寸(mm) Dimension ØD	Ød	Øc	H	ap	aemax	Tooth 齿数	Adapter 接口形式	Weight 重量(kg)
1023	**PT04.LN1023.A22.080.10.H4**	80	22	42	50	4	18	10	A	0.4
	PT04.LN1023.A27.100.12.H4	100	27	52	50	4	23	12	A	0.6
	PT04.LN1023.B32.125.14.H4	125	32	63	50	4	30	14	B	1.0
	PT04.LN1023.B40.160.18.H4	160	40	76	50	4	41	18	B	1.2
1028	**PT04.LN1028.A22.080.10.H5**	80	22	42	50	5	18	10	A	0.4
	PT04.LN1028.A27.100.12.H5	100	27	52	50	5	23	12	A	0.6
	PT04.LN1028.B32.125.14.H5	125	32	63	50	5	30	14	B	1.0
	PT04.LN1028.B40.160.18.H5	160	40	76	50	5	41	18	B	1.2

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P M K

★ 刀具规格型号 Type of Milling Tools

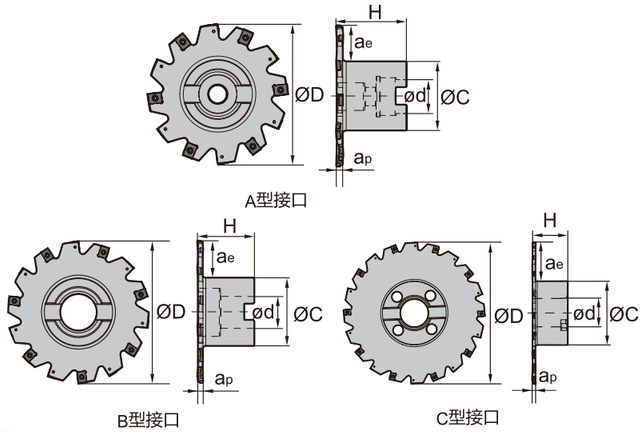
Category 类别	型号	基本尺寸(mm) Dimension ØD	Ød	Øc	H	ap	aemax	Tooth 齿数	Adapter 接口形式	Weight 重量(kg)
1033	**PT04.LN1033.A22.080.10.H6**	80	22	42	50	6	18	10	A	0.5
	PT04.LN1033.A27.100.12.H6	100	27	52	50	6	23	12	A	0.7
	PT04.LN1033.B32.125.14.H6	125	32	63	50	6	30	14	B	1.1
	PT04.LN1033.B40.160.18.H6	160	40	76	50	6	41	18	B	1.4
	PT04.LN1033.C40.200.20.H6	200	40	94	50	6	52	20	C	2.8
	PT04.LN1033.C60.250.24.H6	250	60	132	50	6	58	24	C	4.6
1238	**PT04.LN1238.A22.080.08.H7**	80	22	42	50	7	18	8	A	0.5
	PT04.LN1238.A27.100.10.H7	100	27	52	50	7	23	10	A	0.7
	PT04.LN1238.B32.125.12.H7	125	32	63	50	7	30	12	B	1.1
	PT04.LN1238.B40.160.16.H7	160	40	76	50	7	41	16	B	1.4
	PT04.LN1238.C40.200.18.H7	200	40	94	50	7	52	18	C	2.9
	PT04.LN1238.C60.250.24.H7	250	60	132	50	7	58	24	C	4.7

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三面刃刃铣削刀具

PT04





★ 刀具附件 Spare parts

刀具直径 Diameter ØD	刃宽ap Cutting Edge (mm)	刀片螺钉 Insert Screw	扳手 Wrench
Ø63-Ø160	4	TL60M2.5X3.2	T06
	5	TL60M2.5X3.9	
Ø63-Ø250	6	TL60M2.5X4.8	
	7	TL60M4X5.1	T10
	8	TL60M4X6.6	
	9	TL60M4X7.6	
	10	TL60M4X8.5	

注明：配套刀片与株洲钻石通用。Note:Replaceable with Zccct brand inserts.

★ 刀具规格型号 Type of Milling Tools

Category 类别	型号	基本尺寸(mm) Dimension ØD	Ød	Øc	H	ap	aemax	Tooth 齿数	Adapter 接口形式	Weight 重量(kg)
1243	PT04.LN1243A22.080.08.H8	80	22	42	50	8	18	8	A	0.5
	PT04.LN1243.A27.100.10.H8	100	27	52	50	8	23	10	A	0.7
	PT04.LN1243.B32.125.12.H8	125	32	63	50	8	30	12	B	1.1
	PT04.LN1243.B40.160.16.H8	160	40	76	50	8	41	16	B	1.4
	PT04.LN1243.C40.200.18.H8	200	40	94	50	8	52	18	A	2.9
	PT04.LN1243.C60.250.24.H8	250	60	132	50	8	58	24	A	4.7

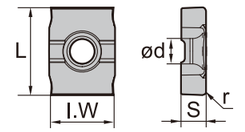
三面刃刃铣削刀具

★ 刀具规格型号 Type of Milling Tools

Category 类别	型号	基本尺寸(mm) Dimension ØD	Ød	Øc	H	ap	aemax	Tooth 齿数	Adapter 接口形式	Weight 重量(kg)
1248	PT04.LN1248.A27.100.10.H9	100	27	52	50	9	23	10	A	0.7
	PT04.LN1248.B32.125.12.H9	125	32	63	50	9	30	12	B	1.1
	PT04.LN1248.B40.160.16.H9	160	40	76	50	9	41	16	B	1.5
	PT04.LN1248.C40.200.18.H9	200	40	94	50	9	52	18	C	3
	PT04.LN1248.C60.250.24.H9	250	60	132	50	9	58	24	C	4.8
1253	PT04.LN1253.A27.100.10.H10	100	27	52	50	10	23	10	A	0.7
	PT04.LN1253.B32.125.12.H10	125	32	63	50	10	30	12	B	1.1
	PT04.LN1253.B40.160.16.H10	160	40	76	50	10	41	16	B	1.5
	PT04.LN1253.C40.200.18.H10	200	40	94	50	10	52	18	C	3
	PT04.LN1253.C60.250.24.H10	250	60	132	50	10	58	24	C	5

★ 刀片选择 Matching Insert

型号 Type	SP210M	SP210T	SD2136	SD2336	SD4326	SD4226	SD4236	SD5346	SD5236	SD5450	基本尺寸(mm) Dimension ØI.W	L	S	ød	r
LNET102304-GM	○	○									7.5	10	2.3	2.9	0.4
LNET102804-GM	○	○									7.5	10	2.8	2.9	0.4
LNET103304-GM	○	○									7.5	10	3.3	2.9	0.4
LNET123804-GM	○	○									10	13	3.8	4.4	0.4
LNET124304-GM	○	○									10	13	4.3	4.4	0.4
LNET124804-GM	○	○									10	13	4.8	4.4	0.4
LNET125304-GM	○	○									10	13	5.3	4.4	0.4
P 钢	□	■													
M 不锈钢	□	□													
K 铸铁	■	□													
N 有色金属															
S 耐热合金、钛合金															
H 淬硬材料															

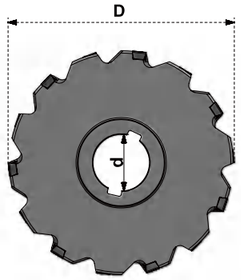


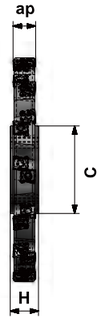
● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

三面刃刃铣削刀具

PT05







★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
LNGX1005□□-GM	TL60M3.5X10-4.7	10IP
LNGX1407□□-GM	TL60M4X10-5.7	T15

注明：配套刀片与株洲钻石通用。Note:Replaceable with Zccct brand inserts.

★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension						Tooth 齿数	Adapter 接口形式	Weight 重量(kg)
		ØD	Ød	ØC	H	ap	ae max			
10	PT05.10J27.080.08.H10	80	27	43	14	10	17	8	K	0.2
	PT05.10J32.100.10.H10	100	32	47	14	10	25	10	K	0.37
	PT05.10J40.125.12.H10	125	40	55	14	10	34	12	K	0.5
	PT05.10J40.160.14.H10	160	40	62	14	10	47	14	K	1
	PT05.10J50.200.16.H10	200	50	72	14	10	62	16	K	1.6
14	PT05.14J32.100.08.H12	100	32	47	16	12	25	8	K	0.4
	PT05.14J40.125.10.H12	125	40	55	16	12	34	10	K	0.6
	PT05.14J40.160.12.H12	160	40	62	16	12	47	12	K	1.1
	PT05.14J50.200.14.H12	200	50	72	16	12	62	14	K	1.8
10	PT05.10J32.100.10.H14	100	32	47	18	14	25	10	K	0.4
	PT05.10J40.125.12.H14	125	40	55	18	14	34	12	K	0.9
	PT05.10J40.160.14.H14	160	40	62	18	14	47	14	K	1.6
	PT05.10J50.200.16.H14	200	50	72	18	14	62	16	K	2.5

三面刃刃铣削刀具

★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension						Tooth 齿数	Adapter 接口形式	Weight 重量(kg)
		ØD	Ød	ØC	H	ap	ae max			
10	PT05.10J40.125.12.H16	125	40	55	20	16	34	12	K	1
	PT05.10J40.160.14.H16	160	40	62	20	16	47	14	K	1.8
	PT05.10J50.200.16.H16	200	50	72	20	16	62	16	K	2.9
	PT05.10J40.125.12.H18	125	40	55	24	18	34	12	K	1.2
	PT05.10J40.160.14.H18	160	40	62	24	18	47	14	K	2.1
	PT05.10J50.200.16.H18	200	50	72	24	18	62	16	K	3.4
	PT05.10J50.250.18.H18	250	50	80	24	18	83	18	K	5.5
14	PT05.14J40.125.10.H20	125	40	55	26	20	34	10	K	1.2
	PT05.14J40.160.12.H20	160	40	62	26	20	47	12	K	2.1
	PT05.14J50.200.14.H20	200	50	72	26	20	62	14	K	3.5
	PT05.14J50.250.16.H20	250	50	80	26	20	83	16	K	5.8
	PT05.14J40.160.12.H25	160	40	62	30	25	47	12	K	2.8
	PT05.14J50.200.14.H25	200	50	72	30	25	62	14	K	4.5
	PT05.14J50.250.16.H25	250	50	80	30	25	83	16	K	7.5

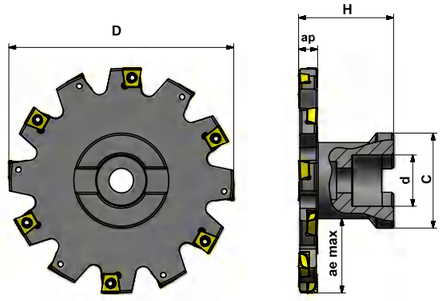
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三面刀刃铣削刀具

P M K

PT05





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
LNGX1005□□-GM	TL60M3.5X10-4.7	10IP
LNGX1407□□-GM	TL60M4X10-5.7	T15

注明：配套刀片与株洲钻石通用。 Note:Replaceable with Zccct brand inserts.

★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension						Tooth 齿数	Adapter 接口形式	Weight 重量(kg)
		ØD	Ød	Øc	H	ap	ae max			
10	**PT05.10A22.080.08.H10**	80	22	45	40	10	20	8	A	0.4
	PT05.10B27.100.10.H10	100	27	55	45	10	24	10	B	0.6
	PT05.10B32.125.12.H10	125	32	65	45	10	33	12	B	1
	PT05.10B40.160.14.H10	160	40	80	50	10	42	14	B	2
	PT05.10C40.200.16.H10	200	40	92	50	10	53	16	C	2.9
14	**PT05.14B27.100.08.H12**	100	27	55	45	12	24	8	B	0.6
	PT05.14B32.125.10.H12	125	32	65	45	12	33	10	B	1
	PT05.14B40.160.12.H12	160	40	80	50	12	42	12	B	2.1
	PT05.14C40.200.14.H12	200	40	92	50	12	53	14	C	2.9
10	**PT05.10B27.100.10.H14**	100	27	55	50	14	24	10	B	0.7
	PT05.10B32.125.12.H14	125	32	65	50	14	33	12	B	1.2
	PT05.10B40.160.14.H14	160	40	80	50	14	42	14	B	2.4
	PT05.10C40.200.16.H14	200	40	92	50	14	53	16	C	3.6

三面刀刃铣削刀具

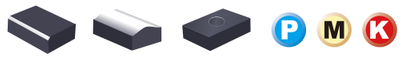
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★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension						Tooth 齿数	Adapter 接口形式	Weight 重量(kg)
		ØD	Ød	Øc	H	ap	ae max			
10	**PT05.10B32.125.12.H16**	125	32	65	50	16	33	12	B	1.4
	PT05.10B40.160.14.H16	160	40	80	50	16	42	14	B	2.6
	PT05.10C40.200.16.H16	200	40	92	50	16	53	16	C	4
	PT05.10B32.125.12.H18	125	32	65	50	18	33	12	B	1.5
	PT05.10B40.160.14.H18	160	40	80	50	18	42	14	B	2.9
	PT05.10C40.200.16.H18	200	40	92	50	18	53	16	C	4.3
	PT05.10C60.250.18.H18	250	60	132	50	18	58	18	C	7.2
14	**PT05.14B32.125.10.H20**	125	32	65	50	20	33	10	B	1.6
	PT05.14B40.160.12.H20	160	40	80	50	20	42	12	B	2.7
	PT05.14C40.200.14.H20	200	40	92	50	20	53	14	C	4.6
	PT05.14C60.250.16.H20	250	60	132	50	20	58	16	C	7.4
	PT05.14B40.160.12.H25	160	40	80	50	25	42	12	B	3.2
	PT05.14C40.200.14.H25	200	40	92	50	25	53	14	C	5.2
	PT05.14C60.250.16.H25	250	60	132	50	25	58	16	C	8.6
	PT05.14C60.315.20.H25	315	60	132	50	25	90	20	C	13.2

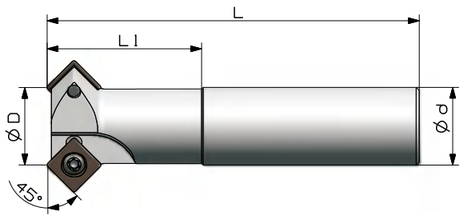
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倒角铣刀 Kr:45° Chamfer Milling Tools



AC01





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
SPMT120408	TL60 M5X12	T20

注明：配套刀片建议参考株洲钻石品牌刀片。 Note:The insert is Zccct brand.

★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension				Adapter 接口形式	Tooth 齿数	Weight 重量(kg)
	ØD	Ød	L	L1			
AC01.12Z20.012.01	12	20	100	40	Z	1	0.2
AC01.12W20.012.01	12	20	100	40	W	1	0.2
AC01.12Z25.025.02	25	25	120	40	Z	2	0.4
AC01.12W25.025.02	25	25	120	40	W	2	0.4
AC01.12Z32.032.03	32	32	180	50	Z	3	1.0
AC01.12W32.032.03	32	32	180	50	W	3	1.0

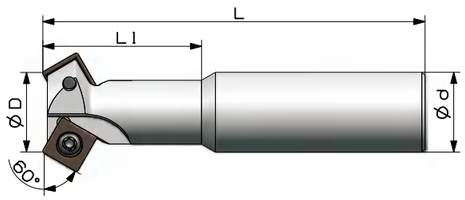
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倒角铣刀 Kr:60° Chamfer Milling Tools



DC01





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手Wrench
SPMT120408	TL60 M5X12	T20

注明：配套刀片建议参考株洲钻石品牌刀片。 Note:The insert is Zccct brand.

★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension				Adapter 接口形式	Tooth 齿数	Weight 重量(kg)
	ØD	Ød	L	L1			
DC01.12Z20.012.01	12	20	100	40	Z	1	0.2
DC01.12W20.012.01	12	20	100	40	W	1	0.2
DC01.12Z25.025.02	25	25	120	40	Z	2	0.4
DC01.12W25.025.02	25	25	120	40	W	2	0.4
DC01.12Z32.032.02	32	32	180	50	Z	2	1.0
DC01.12W32.032.02	32	32	180	50	W	2	1.0

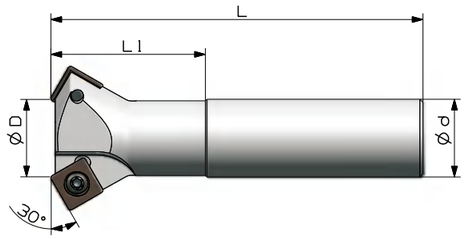
了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

倒角铣刀 Kr:30° Chamfer Milling Tools

P M K

ZC01





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
SPMT120408	TL60 M5X12	T20

注明：配套刀片建议参考株洲钻石品牌刀片。Note:The insert is Zccct brand.

★ 刀具规格型号 Type of Milling Tools

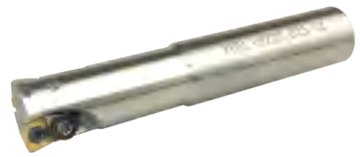
Type 型 号	基本尺寸(mm) Dimension				Adapter 接口形式	Tooth 齿数	Weight 重量(kg)
	ØD	Ød	L	L1			
ZC01.12Z20.012.01	12	20	100	40	Z	1	0.2
ZC01.12W20.012.01	12	20	100	40	W	1	0.2
ZC01.12Z25.025.02	25	25	120	40	Z	2	0.4
ZC01.12W25.025.02	25	25	120	40	W	2	0.4
ZC01.12Z32.032.03	32	32	180	50	Z	3	1.0
ZC01.12W32.032.03	32	32	180	50	W	3	1.0

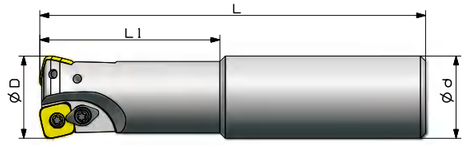
了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

大进给刀具

P M K

XK01





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	压板螺钉 Clamping Screw	压板 Clamp	扳手 Wrench
SDMT09T3-DM	TL60 M3.5X8	L60 M4X10	WD204	T10/T15
SDMT1204-DM	TL60M4X10-5.7			T15

注明：配套刀片建议参考株洲钻石品牌刀片。 Note:The insert is Zccct brand.

★ 刀具规格型号 Type of Milling Tools

Type 型 号	基本尺寸(mm) Dimension				Adapter 接口形式	Tooth 齿数	Weight 重量(kg)
	ØD	Ød	L	L1			
XK01.09Z25.025.02	25	25	140	60	Z	2	0.5
XK01.09Z32.032.03	32	32	150	70	Z	3	0.8
XK01.09Z32.035.03	35	32	150	50	Z	3	0.8
XK01.12Z32.032.02	32	32	150	70	Z	2	0.8
XK01.12Z32.040.03	40	32	150	50	Z	3	1.3

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

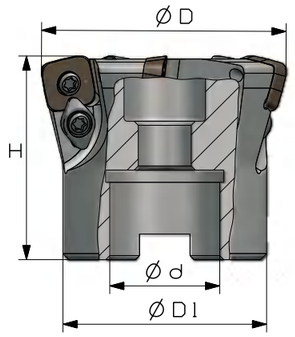
大进给刀具



P M K

XK01





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	压板螺钉 Clamping Screw	压板 Clamp	扳手 Wrench
SDMT09T3–DM	TL60 M3.5X8	L60 M4X10	WD204	T10T/T15T
SDMT1204–DM	TL60M4X10-5.7			T15

注明：配套刀片建议参考株洲钻石品牌刀片。 Note:The insert is Zccct brand.

★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension				Adapter 接口形式	Tooth 齿数	Weight 重量(kg)
	ØD	ØD1	Ød	H			
XK01.09A22.050.04	50	40	22	40	A	4	0.3
XK01.09A22.063.06	63	50	22	50	A	6	0.5
XK01.09A27.063.06	63	50	27	50	A	6	0.6
XK01.12A22.063.05	63	50	22	50	A	5	0.5
XK01.12A27.063.05	63	50	27	50	A	5	0.6
XK01.12A27.080.05	80	60	27	50	A	5	0.9
XK01.12B32.100.06	100	70	32	50	B	6	1.8

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

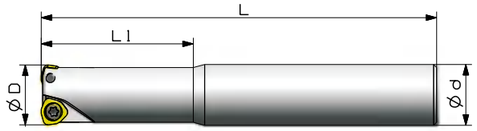
大进给刀具



P M K

XK02





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	压板螺钉 Clamping Screw	压板 Clamp	扳手 Wrench
WPGT050315ZSR	TL60 M3.5X8 -5.3			T15
WPGT060415ZSR	TL60M4X10-5.7			T15
WPGT080615ZSR	TL60M4X10-5.7	L60 M5X12	WD208	T20
WPGT090725ZSR				

注明：配套刀片建议参考株洲钻石品牌刀片。 Note:The insert is Zccct brand.

★ 刀具规格型号 Type of Milling Tools

Category 类型	Type 型号	基本尺寸(mm) Dimension				Adapter 接口形式	Tooth 齿数	Weight 重量(kg)
		ØD	Ød	L	L1			
WP05	**XK02.05Z20.020.02.S**	20	20	130	50	Z	2	0.2
	XK02.05Z20.020.02.M	20	20	180	100	Z	2	0.3
	XK02.05Z20.020.02.L	20	20	250	130	Z	2	0.8
WP06	**XK02.06Z25.025.02.S**	25	25	140	60	Z	2	0.4
	XK02.06Z25.025.02.M	25	25	200	120	Z	2	0.6
	XK02.06Z25.025.02.L	25	25	300	180	Z	2	1.0
	XK02.06Z32.032.03.S	32	32	150	70	Z	3	0.8
	XK02.06Z32.032.03.M	32	32	200	120	Z	3	1.0
	XK02.06Z32.032.03.L	32	32	300	180	Z	3	1.6
	XK02.06Z32.040.03.S	40	32	150	50	Z	3	0.9

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

大进给刀具



P M K

★ 刀具规格型号Type of Milling Tools

Category 类型	Type 型号	基本尺寸(mm) Dimension				Adapter 接口形式	Tooth 齿数	Weight 重量(kg)
		ØD	Ød	L	L1			
WP06	**XK02.06Z32.040.03.M**	40	32	250	50	Z	3	1.5
	XK02.06Z32.040.03.L	40	32	300	50	Z	3	1.8
WP08	**XK02.08Z32.040.02.S**	40	32	150	50	Z	2	0.9
	XK02.08Z32.040.02.M	40	32	250	50	Z	2	1.5
	XK02.08Z32.040.02.L	40	32	300	50	Z	2	1.9
WP09	**XK02.09Z32.050.02.S**	50	32	150	50	Z	2	1.9
	XK02.09Z32.050.02.M	50	32	250	50	Z	2	2.5

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

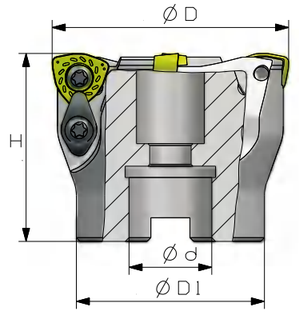
大进给刀具



P M K

XK02





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	压板螺钉Clamping Screw	压板 Clamp	扳手 Wrench
WPGT060415ZSR	TL60M4X10-5.7	TL60 M5X12	WD208	T15
WPGT080615ZSR	TL60 M5X12			T20T
WPGT090725ZSR				

注明：配套刀片建议参考株洲钻石品牌刀片。 Note:The insert is Zccct brand.

★ 刀具规格型号 Type of Milling Tools

Category 类型	Type 型号	基本尺寸(mm) Dimension				Adapter 接口形式	Tooth 齿数	Weight 重量(kg)
		ØD	ØD1	Ød	H			
WP06	**XK02.06A22.050.04**	50	40	22	50	A	4	0.4
WP08	**XK02.08A22.050.03**	50	40	22	50	A	3	0.4
	XK02.08A22.063.04	63	50	22	50	A	4	0.7
	XK02.08A27.063.04	63	50	27	50	A	4	0.7
	XK02.08A27.080.05	80	60	27	50	A	5	1.5
	XK02.08B32.100.06	100	70	32	63	B	6	2.2
	XK02.08B40.125.07	125	80	40	63	B	7	3.5
	XK02.08B40.160.08	160	100	40	63	B	8	6.0
WP09	**XK02.09A22.063.03**	63	50	22	50	A	3	0.7
	XK02.09A27.080.04	80	60	27	63	A	4	1.4
	XK02.09B32.100.05	100	70	32	63	B	5	2.1
	XK02.09B40.125.06	125	80	40	63	B	6	3.7
	XK02.09B40.160.07	160	100	40	63	B	7	6.3

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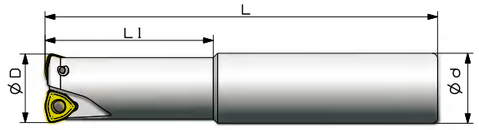
大进给刀具



P M K

XK03





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
WNMX09T316ZNN-MM	TL60 M3X7	T10

注明：配套刀片建议参考克洛伊品牌刀片。 Note:The insert is Korloy brand.

★ 刀具规格型号Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension				Adapter 接口形式	Tooth 齿数	Weight 重量(kg)
	ØD	Ød	L	L1			
XK03.09Z25.025.02.S	25	25	140	60	Z	2	0.5
XK03.09Z25.025.02.M	25	25	200	120	Z	2	0.6
XK03.09Z25.025.02.L	25	25	300	180	Z	2	1.0
XK03.09Z32.032.03.S	32	32	150	70	Z	3	0.8
XK03.09Z32.032.03.M	32	32	200	120	Z	3	1.1
XK03.09Z32.032.03.L	32	32	300	180	Z	3	1.7
XK03.09Z32.040.04.S	40	32	150	50	Z	4	0.9
XK03.09Z32.040.04.M	40	32	200	50	Z	4	1.3
XK03.09Z32.040.04.L	40	32	300	50	Z	4	1.8

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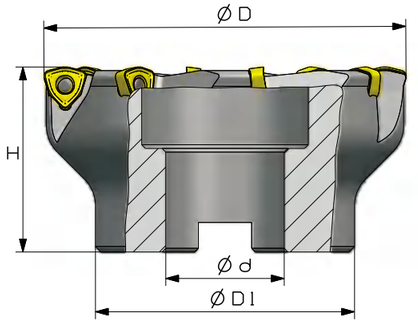
大进给刀具



P M K

XK03





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
WNMX09T316ZNN-MM	TL60 M3X7	T10T

注明：配套刀片建议参考克洛伊品牌刀片。Note:The insert is Korloy brand.

★ 刀具规格型号Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension				Adapter 接口形式	Tooth 齿数	Weight 重量(kg)
	ØD	ØD1	Ød	H			
XK03.09A16.040.04	40	35	16	40	A	4	0.2
XK03.09A22.050.05	50	40	22	40	A	5	0.3
XK03.09A22.063.06	63	50	22	40	A	6	0.5
XK03.09A27.080.07	80	60	27	50	A	7	1.1
XK03.09B32.100.08	100	70	32	50	B	8	1.7

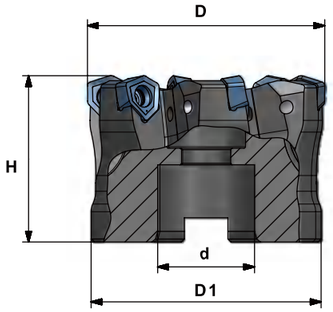
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大进给刀具



XK04





★ 刀具附件 Spare parts

刀片 Insert	压紧螺钉 Clamping Screw	扳手 Wrench
WXMU080612R-GM	TL60 M5X12-7.0	T20

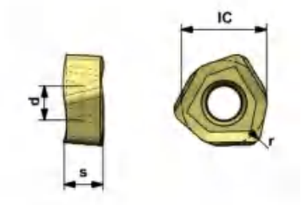
注明：配套刀片与株钻、伊斯卡通用。Note:Replaceable with Zccct/Iscar brand inserts.

★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
	ØD1	ØD	ød	H	ap			
XK04.08A22.050.04	48	50	22	45	2.0	A	4	0.3
XK04.08A22.063.05	61	63	22	45	2.0	A	5	0.5
XK04.08A32.080.06	76	80	32	55	2.0	A	6	1.1
XK04.08B32.100.07	80	100	32	50	2.0	A	7	1.75

★ 刀片选择 Matching Insert

型号 Type	SP210M	SD2136	SD2336	SD4326	SD4226	SD4236	SD5346	SD5236	SD5450	SD5440	基本尺寸(mm) Dimension			
											φIC	S	φd	r
WXMU080612R-GM	●										13.66	6.8	5.5	1.2
P 钢	□													
M 不锈钢	□													
K 铸铁	■													
N 有色金属														
S 耐热合金、钛合金														
H 淬硬材料														



● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

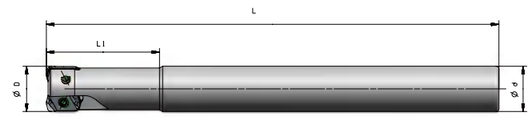
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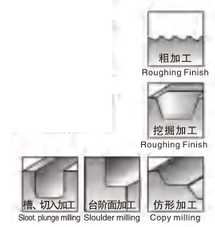
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EXN03R







★ 刀具规格型号 Type of Milling Tools

型号 Cat.No / 标准备库品 Stocked Letms	尺寸 Size						刃数 Flute	适用刀片 Applicable inserts	扳手 Wrench	螺钉 Screw
	ØD	ØD1	Ød	L1	L	ap				
EXN03R-16-100-C16-2T	16	9.6	16	35	100	1	2			
EXN03R-16-160-C16-2T	16	9.6	16	40	160	1	2			
EXN03R-17-100-C16-2T	17	10.5	16	35	100	1	2			
EXN03R-17-160-C16-2T	17	10.5	16	40	160	1	2			
EXN03R-18-100-C16-2T	18	11.5	16	35	100	1	2			
EXN03R-18-160-C16-2T	18	11.5	16	40	160	1	2			
EXN03R-20-130-C20-3T	20	13.5	20	40	130	1	3			
EXN03R-20-160-C20-3T	20	13.5	20	45	160	1	3			
EXN03R-21-130-C20-3T	21	14.5	20	40	130	1	3			
EXN03R-21-160-C20-3T	21	14.5	20	50	160	1	3			
EXN03R-22-130-C20-3T	22	15.5	20	40	130	1	3			
EXN03R-22-200-C20-3T	22	15.5	20	50	200	1	3	LNMU0303ZER	T08	M2.5X6.5
EXN03R-25-160-C25-4T	25	18.5	25	50	160	1	3			
EXN03R-25-200-C25-4T	25	18.5	25	60	200	1	4			
EXN03R-26-160-C25-4T	26	19.5	25	50	160	1	4			
EXN03R-26-200-C25-4T	26	19.5	25	60	200	1	4			
EXN03R-28-160-C25-4T	28	21.5	25	50	160	1	4			
EXN03R-28-200-C25-4T	28	21.5	25	60	200	1	4			
EXN03R-30-160-C32-5T	30	23.5	32	50	160	1	5			
EXN03R-30-200-C32-5T	30	23.5	32	60	200	1	5			
EXN03R-32-160-C32-5T	32	25.5	32	50	160	1	5			
EXN03R-32-200-C32-5T	32	25.5	32	60	200	1	5			
EXN03R-35-160-C32-5T	35	28.5	32	45	160	1	5			
EXN03R-35-200-C32-5T	35	28.5	32	45	200	1	5			

备注：与东芝品牌刀片通用。Note: Replaceable with Tungaloy brand inserts.

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

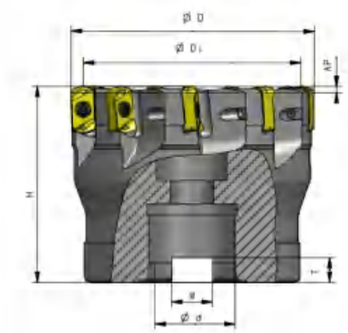
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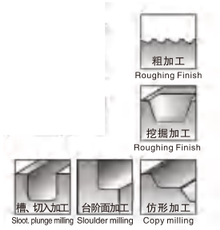


P M K

EXN03R







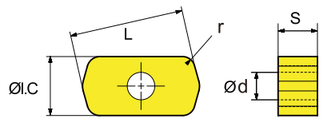
★ 刀具规格型号 Type of Milling Tools

型号 Cat.No / 标准备库品 Stocked Letms	尺寸 Size ØD	ØD1	Ød	H	W	ap	T	齿数 Teeth	适用刀片 Applicable inserts	扳手 Wrench	螺钉 Screw
EXN03R-040-A16-6T	40	33.6	16	40	8.4	1	5.5	6	LNMU0303ZER	T08	M2.5X6.5
EXN03R-050-A22-8T	50	43.6	22	50	10.4	1	6.3	8			
EXN03R-063-A22-9T	63	56.6	22	50	10.4	1	6.3	9			
EXN03R-080-A27-10T	80	73.6	27	50	12.4	1	6.3	10			

备注：与东芝品牌刀片通用。Note: Replaceable with Tungaloy brand inserts.

★ 刀片选择 Matching Insert

型号 Type	SD1325ZER	SD1525ZER	SD2136ER	SD2336ER	SD4326ER	SD4226ER	SD4236ER	SD5346ER	SD5236ER	SD5450ER	基本尺寸(mm) Dimension L	φIC	S	φd	r
LNMU0303ZER	●	●	●	●			●			●	11.39	6	4.29	2.8	1.2
P 钢	■	■	■	■						■					
M 不锈钢	■	■	□	■											
K 铸铁	■	■		■			■			■					
N 有色金属															
S 耐热合金、钛合金															
H 淬硬材料															



● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

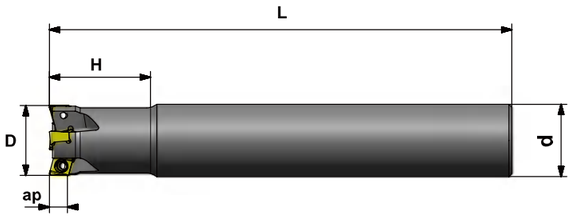
大进给刀具 Kr:90°



P M K

TE90





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
4NKT060308	TL60 M3X8-4.3	T10

注明：配套刀片与特固克品牌刀片通用。Note:Replaceable with Taegutec brand inserts.

★ 刀具规格型号 Type of Milling Tools

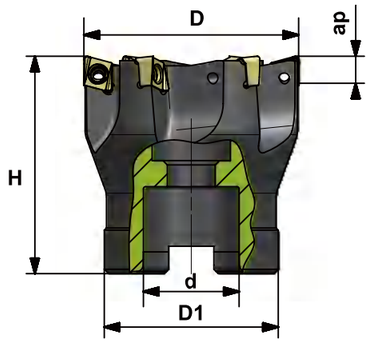
Type 型号	基本尺寸(mm) Dimension Ød	ØD	L	H	ap	Adapter 接口形式	Tooth 齿数
TE90.06D16.016.02.L100	16	16	100	25	6	Z	2
TE90.06D16.016.02.L160	16	16	160	25	6	Z	2
TE90.06D20.020.03.L110	20	20	110	25	6	Z	3
TE90.06D20.020.03.L160	20	20	160	25	6	Z	3
TE90.06D20.020.03.L200	20	20	200	25	6	Z	3
TE90.06D25.025.04.L160	25	25	160	30	6	Z	4
TE90.06D25.025.04.L200	25	25	200	30	6	Z	4
TE90.06D32.032.05.L160	32	32	160	35	6	Z	5
TE90.06D32.032.05.L200	32	32	200	35	6	Z	5
TE90.06D32.035.05.L160	32	35	160	35	6	Z	5
TE90.06D32.035.05.L200	32	35	200	35	6	Z	5
TE90.06D32.040.06.L160	32	40	160	40	6	Z	6
TE90.06D32.040.06.L200	32	40	200	40	6	Z	6
TE90.06D32.040.06.L250	32	40	250	40	6	Z	6

大进给刀具 Kr:90°

P M K

TE90





★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
4NKT060308	TL60 M2.5X6-3.5	T08

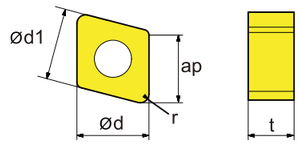
注明：配套刀片与特固克品牌刀片通用。Note:Replaceable with Taegutec brand inserts.

★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口形式	Tooth 齿数	Weight 重量 (g)
	ØD1	ØD	Ød	H	ap			
TE90.06A22.050.06	40	50	22	50	6.0	A	6	0.4
TE90.06A22.063.08	50	63	22	50	6.0	A	8	0.6
TE90.06A27.080.10	60	80	27	50	6.0	A	10	1.0

★ 刀片选择 Matching Insert

型号 Type	SD1525	SD2136	SD2336	SD4326	SD4226	SD4236	SD5346	SD5236	SD5450	SD5440	SD5146	基本尺寸(mm) Dimension				
												d	d1	t	ap	r
4NKT060308R	●	○	○									6.6	6.6	4.6	5.5	0.8
P 钢	■	■	■													
M 不锈钢		□	■													
K 铸铁			■													
N 有色金属																
S 耐热合金、钛合金																
H 淬硬材料																



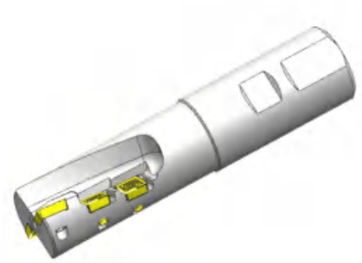
● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

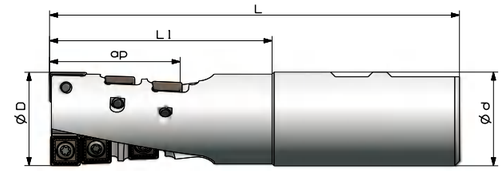
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螺旋立铣刀 Kr:90°

P K

PH01





★ 刀具附件 Spare parts

刀片 Insert	侧切刀片 Side Cutting Insert	刀片螺钉 Insert Screw	扳手 Wrench
APKT150412	SPMT120408	TL60 M5X12	T20

注明：配套刀片建议参考株洲钻石。 Note:The Insert Is Zccct brand.

★ 刀具规格型号Type of Milling Tools

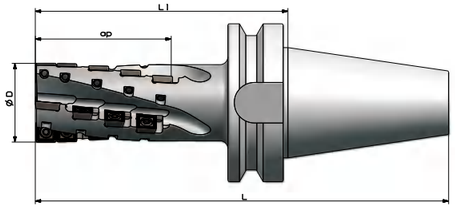
Type 型号	基本尺寸(mm) Dimension					刀片数量 Insert		Adapter 接口形式	Tooth 齿数	Weight 重量(kg)
	ØD	Ød	L	L1	ap	APKT150412	SPMT120408			
PH01.12W40.040.02.E55	40	40	175	95	55	1	5	W	02	1.2
PH01.12W40.050.04.E55	50	40	175	95	55	2	10	W	04	1.5

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螺旋立铣刀 Kr:90°

PH01





★ 刀具附件 Spare parts

底切刀片	侧切刀片Side Cutting Insert	刀片螺钉 Insert Screw	扳手 Wrench
APKT150412	SPMT120408	TL60 M5X12	T20T

注明：刀片为株洲钻石品牌刀片。 Note:The insert is Zccct brand.

★ 刀具规格型号Type of Milling Tools

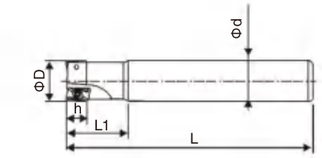
Category 类 型	Type 型 号	基本尺寸(mm) Dimension				刀片数量 Insert		Adapter 接口形式	Tooth 齿数	Weight 重量 (kg)
		ØD	L	L1	ap	APKT150412	SPMT120408			
JT50	**PH01.12JT50.050.04.084**	50	246.75	145	84	2	16	JT50	4	4.8
	PH01.12JT50.063.04.074	63	236.75	135	74	2	14	JT50	4	5.5
	PH01.12JT50.063.04.104	63	266.75	165	104	2	20	JT50	4	6.0
	PH01.12JT50.063.04.134	63	296.75	195	134	2	26	JT50	4	6.3
	PH01.12JT50.080.04.104	80	266.75	165	104	2	20	JT50	4	7.0
	PH01.12JT50.080.04.144	80	306.75	205	144	2	28	JT50	4	7.2
BT50	**PH01.12BT50.050.04.084**	50	246.75	145	84	2	16	BT50	4	4.8
	PH01.12BT50.063.04.074	63	236.75	135	74	2	14	BT50	4	5.5
	PH01.12BT50.063.04.104	63	266.75	165	104	2	20	BT50	4	6.0
	PH01.12BT50.063.04.134	63	296.75	195	134	2	26	BT50	4	6.3
	PH01.12BT50.080.04.104	80	266.75	165	104	2	20	BT50	4	7.0
	PH01.12BT50.080.04.144	80	306.75	205	144	2	28	BT50	4	7.2

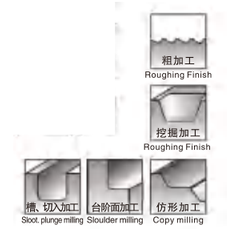
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BAP直角台阶铣刀

BAP right angel shouder end mill







标准备库品 Stocked Letms / 型号 Cat.No	尺寸 Size						适用刀片 Applicable inserts	齿数 Teeth	扳手 Screw	螺钉 Pressure plate
	ΦD	Φd	L	L1	L2	h				
BAP300R–10–130–C10–1T	10	10	130	30	–	9	APMT1135PDER	1	T08	
BAP300R–11–130–C10–1T	11	10	130	30	–	9	APMT1135PDER	1	T08	
BAP300R–12–130–C12–1T	12	12	130	30	–	9	APMT1135PDER	1	T08	
BAP300R–13–130–C12–1T	13	12	130	30	–	9	APMT1135PDER	1	T08	
BAP300R–16–130–C16–2T	16	16	130	40	–	9	APMT1135PDER	2	T08	
BAP300R–16–160–C16–2T	16	16	160	40	–	9	APMT1135PDER	2	T08	
BAP300R–16–200–C16–2T	16	16	200	40	100	9	APMT1135PDER	2	T08	
BAP300R–17–160–C16–2T	17	16	160	40	–	9	APMT1135PDER	2	T08	L60 M2.5X5
BAP300R–17–200–C16–2T	17	16	200	40	–	9	APMT1135PDER	2	T08	
BAP300R–20–130–C20–2T	20	20	130	40	–	9	APMT1135PDER	2	T08	
BAP300R–20–160–C20–2T	20	20	160	50	–	9	APMT1135PDER	2	T08	
BAP300R–20–200–C20–2T	20	20	200	50	100	9	APMT1135PDER	2	T08	
BAP300R–21–160–C20–2T	21	20	160	50	–	9	APMT1135PDER	2	T08	
BAP300R–21–200–C20–2T	21	20	200	50	–	9	APMT1135PDER	2	T08	
BAP300R–25–160–C25–2T	25	25	160	50	–	9	APMT1135PDER	2	T08	
BAP300R–25–200–C25–2T	25	25	200	50	–	9	APMT1135PDER	2	T08	
BAP300R–26–160–C25–2T	26	25	160	50	–	9	APMT1135PDER	2	T08	
BAP300R–26–200–C25–2T	26	25	200	50	–	9	APMT1135PDER	2	T08	
BAP400R										
BAP400R–25–160–C25–2T	25	25	160	50	–	14	APMT1604PDER	2	T15	
BAP400R–25–200–C25–2T	25	25	200	75	–	14	APMT1604PDER	2	T15	
BAP400R–25–250–C25–2T	25	25	250	50	–	14	APMT1604PDER	2	T15	
BAP400R–26–160–C25–2T	26	25	160	40	–	14	APMT1604PDER	2	T15	
BAP400R–26–200–C25–2T	26	25	200	50	–	14	APMT1604PDER	2	T15	
BAP400R–26–250–C25–2T	26	25	250	50	–	14	APMT1604PDER	2	T15	
BAP400R–32–160–C25–2T	32	25	160	50	–	14	APMT1604PDER	2	T15	
BAP400R–32–200–C25–2T	32	25	200	50	–	14	APMT1604PDER	2	T15	
BAP400R–32–160–C32–3T	32	32	160	50	–	14	APMT1604PDER	3	T15	
BAP400R–32–200–C32–3T	32	32	200	80	–	14	APMT1604PDER	3	T15	
BAP400R–32–250–C32–3T	32	32	250	60	115	14	APMT1604PDER	3	T15	L60 M4X8
BAP400R–32–300–C32–3T	32	32	300	60	165	14	APMT1604PDER	3	T15	
BAP400R–35–160–C32–3T	35	32	160	50	–	14	APMT1604PDER	3	T15	
BAP400R–35–200–C32–3T	35	32	200	60	–	14	APMT1604PDER	3	T15	
BAP400R–35–250–C32–3T	35	32	250	60	–	14	APMT1604PDER	3	T15	
BAP400R–35–300–C32–3T	35	32	300	60	–	14	APMT1604PDER	3	T15	
BAP400R–35–350–C32–3T	35	32	350	60	–	14	APMT1604PDER	3	T15	
BAP400R–35–400–C32–3T	35	32	400	60	–	14	APMT1604PDER	3	T15	
BAP400R–40–200–C32–3T	40	32	200	60	–	14	APMT1604PDER	3	T15	
BAP400R–40–250–C32–3T	40	32	250	60	–	14	APMT1604PDER	3	T15	
BAP400R–40–300–C32–3T	40	32	300	60	–	14	APMT1604PDER	3	T15	
BAP400R–40–350–C32–3T	40	32	350	60	–	14	APMT1604PDER	3	T15	
BAP400R–40–400–C32–3T	40	32	400	60	–	14	APMT1604PDER	3	T15	

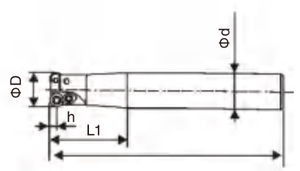
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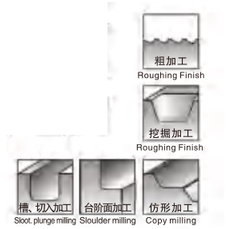
备注：配套刀片建议参照三菱、株洲钻石牌刀片。
Note: Matching insert we suggest Mitsubishi Zccct brand

EMR圆鼻立铣刀

EMR round dowel end mill







型号 Cat.No / 标准备库品 Stocked Letms	尺寸 Size						适用刀片 Applicable inserts	齿数 Teeth	扳手 Wrench	螺钉 Screw	压板 Pressure plate
	ΦD	Φd	L	L1	L2	h					
EMR-4R-12-130-C12-1T	12	12	130	40	–	4	RPMW0802 M0	1	T10		–
EMR-4R-13-130-C12-1T	13	12	130	40	–	4	RPMW0802 M0	1	T10		–
EMR-4R-16-130-C16-2T	16	16	130	40	–	4	RPMW0802 M0	2	T10		
EMR-4R-16-160-C16-2T	16	16	160	40	–	4	RPMW0802 M0	2	T10		
EMR-4R-16-200-C16-2T	16	16	200	40	100	4	RPMW0802 M0	2	T10		
EMR-4R-17-160-C16-2T	17	16	160	40	–	4	RPMW0802 M0	2	T10	L60 M3X7	WD-202
EMR-4R-17-200-C16-2T	17	16	200	50	–	4	RPMW0802 M0	2	T10		
EMR-4R-20-160-C20-2T	20	20	160	50	–	4	RPMW0802 M0	2	T10		
EMR-4R-20-200-C20-2T	20	20	200	50	100	4	RPMW0802 M0	2	T10		
EMR-4R-21-160-C20-2T	21	20	160	50	–	4	RPMW0802 M0	2	T10		
EMR-4R-21-200-C20-2T	21	20	200	50	–	4	RPMW0802 M0	2	T10		
EMR-5R-20-160-C20-2T	20	20	160	50	–	5	RPMW1003 M0	2	T15		
EMR-5R-20-200-C20-2T	20	20	200	50	100	5	RPMW1003 M0	2	T15		
EMR-5R-21-160-C20-2T	21	20	160	50	–	5	RPMW1003 M0	2	T15		
EMR-5R-21-200-C20-2T	21	20	200	50	–	5	RPMW1003 M0	2	T15		
EMR-5R-25-160-C20-2T	25	20	160	50	–	5	RPMW1003 M0	2	T15		
EMR-5R-25-160-C25-2T	25	25	160	50	–	5	RPMW1003 M0	2	T15		
EMR-5R-25-200-C25-2T	25	25	200	75	–	5	RPMW1003 M0	2	T15		
EMR-5R-25-250-C25-2T	25	25	250	60	115	5	RPMW1003 M0	2	T15		
EMR-5R-30-160-C25-2T	30	25	160	50	–	5	RPMW1003 M0	2	T15		
EMR-5R-30-200-C25-2T	30	25	200	50	–	5	RPMW1003 M0	2	T15		
EMR-5R-30-250-C25-2T	30	25	250	60	–	5	RPMW1003 M0	2	T15		
EMR-5R-30-300-C25-2T	30	25	300	60	–	5	RPMW1003 M0	2	T15		
EMR-5R-35-160-C32-2T	35	32	160	50	–	5	RPMW1003 M0	2	T15		
EMR-5R-35-200-C32-2T	35	32	200	50	–	5	RPMW1003 M0	2	T15		
EMR-5R-35-160-C32-3T	35	32	160	50	–	5	RPMW1003 M0	3	T15		
EMR-5R-35-200-C32-3T	35	32	200	50	–	5	RPMW1003 M0	3	T15		
EMR-5R-35-250-C32-3T	35	32	250	60	–	5	RPMW1003 M0	3	T15		
EMR-5R-35-300-C32-3T	35	32	300	60	–	5	RPMW1003 M0	3	T15		
EMR-5R-35-350-C32-3T	35	32	350	60	–	5	RPMW1003 M0	3	T15		
EMR-5R-35-400-C32-3T	35	32	400	60	–	5	RPMW1003 M0	3	T15		
EMR-5R-40-200-C32-4T	40	32	200	50	–	5	RPMW1003 M0	4	T15		
EMR-5R-40-250-C32-4T	40	32	250	60	–	5	RPMW1003 M0	4	T15		
EMR-5R-40-300-C32-4T	40	32	300	60	–	5	RPMW1003 M0	4	T15		
EMR-5R-40-350-C32-4T	40	32	350	60	–	5	RPMW1003 M0	4	T15		

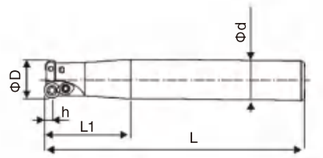
备注：配套刀片建议参照三菱、株洲钻石、特固克牌刀片。 Note: Matching insert we suggest Mitsubishi, Zcccct brand.

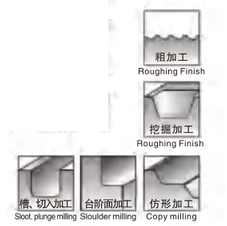
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EMRW圆鼻立铣刀

EMRW round dowel end mill







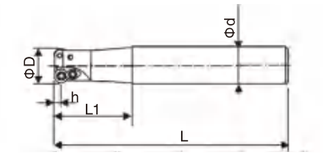
型号 Cat.No / 标准备库品 Stocked Letms	尺寸 Size						适用刀片 Applicable inserts	齿数 Teeth	扳手 Wrench	螺钉 Screw	压板 Pressure plate
	ΦD	Φd	L	L1	L2	h					
EMRW-6R-32-160-C25-2T	32	25	160	50	–	6	RPMW/T1204 MO	2	T15		
EMRW-6R-32-200-C25-2T	32	25	200	50	–	6	RPMW/T1204 MO	2	T15		
EMRW-6R-32-250-C25-2T	32	25	250	60	–	6	RPMW/T1204 MO	2	T15		
EMRW-6R-35-160-C32-3T	35	32	160	50	–	6	RPMW/T1204 MO	3	T15		
EMRW-6R-35-200-C32-3T	35	32	200	50	–	6	RPMW/T1204 MO	3	T15		
EMRW-6R-35-250-C32-3T	35	32	250	60	–	6	RPMW/T1204 MO	3	T15	L60 M4X8	WD-204
EMRW-6R-35-300-C32-3T	35	32	300	60	–	6	RPMW/T1204 MO	3	T15		
EMRW-6R-35-350-C32-3T	35	32	350	60	–	6	RPMW/T1204 MO	3	T15		
EMRW-6R-40-200-C32-3T	40	32	200	50	–	6	RPMW/T1204 MO	3	T15		
EMRW-6R-40-250-C32-3T	40	32	250	60	–	6	RPMW/T1204 MO	3	T15		
EMRW-6R-40-300-C32-3T	40	32	300	60	–	6	RPMW/T1204 MO	3	T15		
EMRW-6R-40-350-C32-3T	40	32	350	60	–	6	RPMW/T1204 MO	3	T15		

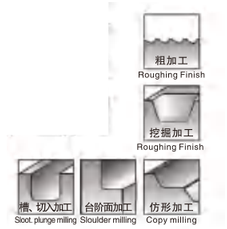
备注：配套刀片建议参照三菱牌刀片。 Note: Matching insert we suggest Mitsubishi brand

TRS圆鼻立铣刀

TRS round dowel end mill







型号 Cat.No / 标准备库品 Stocked Letms	尺寸 Size						适用刀片 Applicable inserts	齿数 Teeth	扳手 Wrench	螺钉 Screw	压板 Pressure plate
	ΦD	Φd	L	L1	L2	h					
TRS-4R-12-130-C12-1T	12	12	130	40	–	4	RDMT0802MO	1	T08		
TRS-4R-16-160-C16-2T	16	16	160	40	–	4	RDMT0802MO	2	T08	L60 M3X7	WD-202
TRS-4R-20-160-C20-2T	20	20	160	50	–	4	RDMT0802MO	2	T08		
TRS-4R-20-200-C20-2T	20	20	200	50	–	4	RDMT0802MO	2	T08		
TRS-5R											
TRS-5R-25-160-C25-2T	25	25	160	50	–	5	RDMT10T3M0	2	T15		
TRS-5R-25-200-C25-2T	25	25	200	75	–	5	RDMT10T3M0	2	T15		
TRS-5R-30-160-C25-2T	30	25	160	40	–	5	RDMT10T3M0	2	T15		
TRS-5R-30-200-C25-2T	30	25	200	50	–	5	RDMT10T3M0	2	T15	M3.5X8	WD-204
TRS-5R-30-250-C25-2T	30	25	300	60	–	5	RDMT10T3M0	2	T15		
TRS-5R-35-160-C32-3T	35	32	160	50	–	5	RDMT10T3M0	3	T15		
TRS-5R-35-200-C32-3T	35	32	200	50	–	5	RDMT10T3M0	3	T15		
TRS-5R-35-250-C32-3T	35	32	250	60	–	5	RDMT10T3M0	3	T15		

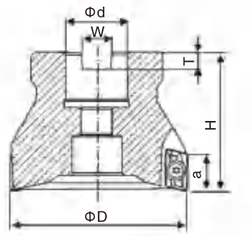
备注：配套刀片建议参照日立牌刀片。 Note: Matching insert we suggest Hitachi brand

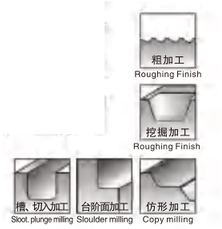
了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

BAP 直角台肩壳铣刀

BAP right angle shoulder face mill







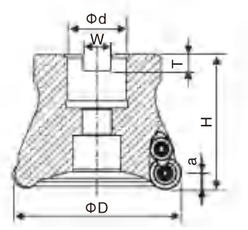
标准备库品 Stocked Letms / 型号 Cat.No	尺寸 Size						适用刀片 Applicable inserts	齿数 Teeth	扳手 Wrench	螺钉 Screw	压板 Pressure plate
	ΦD	Φd	H	W	T	a					
BAP400R–50–22–4T	50	22	50	10.4	6.3	14	APMT1604PDER	4	T15	L60 M4X10	–
BAP400R–63–22–4T	63	22	50	10.4	6.3	14	APMT1604PDER	4	T15		
BAP400R–63–22–5T	63	22	50	10.4	6.3	14	APMT1604PDER	5	T15		
BAP400R–80–27–6T	80	27	50	12.4	7	14	APMT1604PDER	6	T15		
BAP400R–100–32–6T	100	32	50	14.4	8	14	APMT1604PDER	6	T15		
BAP400R–125–40–6T	125	40	63	16.4	9	14	APMT1604PDER	6	T15		

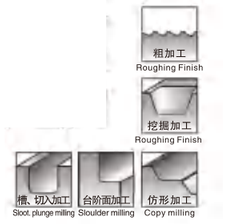
备注：配套刀片建议参照三菱、株洲钻石牌刀片。Note: Matching insert we suggest Mitsubishi, Zcccct brand

EMR 圆鼻壳形铣刀

EMR round dowel face mill







标准备库品 Stocked Letms / 型号 Cat.No	尺寸 Size						适用刀片 Applicable inserts	齿数 Teeth	扳手 Wrench	螺钉 Screw	压板 Pressure plate
	ΦD	Φd	H	W	T	a					
EMR–5R–50–22–4T	50	22	50	10.4	6.3	5	RPMW1003M0	4	T15	L60 M4X10	WD–204
EMR–5R–63–22–4T	63	22	50	10.4	6.3	5	RPMW1003M0	4	T15		
EMR–5R–63–22–5T	63	22	50	10.4	6.3	5	RPMW1003M0	5	T15		
EMR–5R–80–27–6T	80	27	50	12.4	7	5	RPMW1003M0	6	T15		
EMR–5R–100–32–6T	100	32	50	14.4	7	5	RPMW1003M0	6	T15		

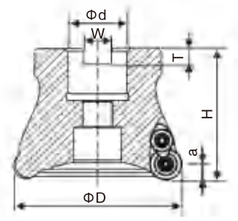
备注：配套刀片建议参照ISO标准刀片。Note: Matching insert we suggest ISO standard brand

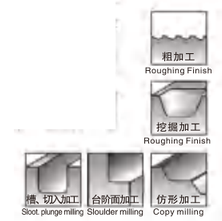
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EMRW 圆鼻壳形铣刀

EMRW round dowel face mill







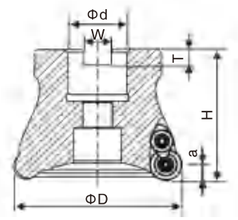
标准备库品 Stocked Letms / 型号 Cat.No	尺寸 Size						适用刀片 Applicable inserts	齿数 Teeth	扳手 Wrench	螺钉 Screw	压板 Pressure plate
	ΦD	Φd	H	W	T	a					
EMRW–6R–50–22–4T	50	22	50	10.4	6.3	6	RPMW/T1204M0	4	T15	L60 M4X10	WD–204
EMRW–6R–63–22–4T	63	22	50	10.4	6.3	6	RPMW/T1204M0	4	T15		
EMRW–6R–63–22–5T	63	22	50	10.4	6.3	6	RPMW/T1204M0	5	T15		
EMRW–6R–80–27–6T	80	27	50	12.4	7	6	RPMW/T1204M0	6	T15		
EMRW–6R–100–32–6T	100	32	50	14.4	7	6	RPMW/T1204M0	6	T15		

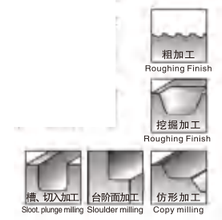
备注：配套刀片建议参照三菱牌刀片。Note: Matching insert we suggest Mitsubishi brand

TRS 圆鼻立铣刀

TRS round dowel end mill







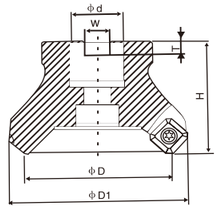
标准备库品 Stocked Letms / 型号 Cat.No	尺寸 Size						适用刀片 Applicable inserts	齿数 Teeth	扳手 Wrench	螺钉 Screw	压板 Pressure plate
	ΦD	Φd	H	W	T	a					
TRS–5R–50–22–4T	50	22	50	10.4	6.3	5	RDMT10T3MO	4	T15	L60 M3.5X8	WD–204
TRS–5R–63–22–4T	63	22	50	10.4	6.3	5	RDMT10T3MO	4	T15		
TRS–6R–50–22–4T	50	22	50	10.4	6.3	6	RDMT1204M0	4	T15	L60 M4X10	
TRS–6R–63–22–4T	63	22	50	10.4	6.3	6	RDMT1204M0	4	T15		
TRS–6R–63–22–5T	63	22	50	10.4	6.3	6	RDMT1204M0	5	T15		
TRS–6R–80–27–6T	80	27	50	12.4	7	6	RDMT1204M0	6	T15		

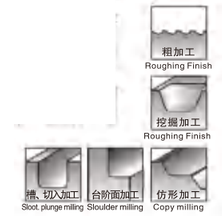
备注：配套刀片建议参照日立牌刀片。Matching insert we suggest Hitachi brand

KM-45° 壳形铣刀

KM-45° face mill







标准备库品 Stocked Letms / 型号 Cat.No	尺寸 Size						适用刀片 Applicable inserts	齿数 Teeth	扳手 Wrench	螺钉 Screw	压板 Pressure plate
	ΦD	Φd	H	W	T	ΦD1					
KM12–50–22–4T	50	22	50	10.4	6.3	64	SEKT1204□□	4	T20	L60 M5X11	–
KM12–63–22–4T	63	22	50	10.4	6.3	77	SEKT1204□□	4	T20		
KM12–80–27–5T	80	27	50	12.4	7	94	SEKT1204□□	5	T20		
KM12–100–32–5T	100	32	50	14.4	8	114	SEKT1204□□	5	T20		

备注：配套刀片建议参照三菱、株洲钻石牌刀片。
Note: Matching insert we suggest Mitsubishi, Zcccct brand.

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UD20/30/40/50 新型浅孔钻系列



1. 采用高强度特种钢材，表面强化处理，刀体强度更高，更加耐磨。
1.Using highly-strength special steel and surface strengthening process, making higher strength and more wear-resistance.

2. 容屑槽空间更大，排屑更顺畅。
2.The space of chip flute is much bigger, the discharge is more smooth.

3. 经过切削平衡设计的刀片安装角度，切削振动小、机床主轴负载低，切削效率高，钻孔精度及表面光洁度更佳。
3.Through the insert install the angle, the insert which is cutting balance design, cutting in low vibration, the lathe main axis load is low. Cutting efficiency is high. Drilling precision and the surface finish are much better.

4. 大直径浅孔钻系列可以更换不同尺寸刀夹，改变钻孔直径，大幅节约用户成本。
4.The series of big diameter U drill can be changed in different size of toolholder, changed in the drilling diameter. Help the users to cost saving substantially.

5. 新型双螺旋内冷孔，冷却和润滑效果更好，钻削效果更佳。
5.The new type of double helix internal cooling hole, cooling and lubricating are much better, and can drilling deeper.

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★ 可转位浅孔钻型号表示规则 Indexable U Drill

代号	刀长 W	刀长 S
03	3.8	
04	4.3	
05	5.4	5.0
06	6.5	6.0
07		7.94
08	8.7	
09		9.8
11		11.5
14		14.3

切削刃长度 Cutting Edge Length

W	80°
S	□

刀片形状 Indexable Shape

20, 25, 30, 40, 50

长径比 Length-diameter Ratio

UD 30 . SP 06 . 160 . W25

刀具类型 Type Of Tools	
代号	说 明
UD	浅孔钻 U drill

C	7°
P	11°

刀片后角 Insert Clearance Angle

范围	125~580
	12.5mm~58mm

刀具直径 Diameter

W	侧固式

接口样式 Adapter

接口直径 Diameter

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★ 可转位浅孔钻刀片命名规则 Indexable U Drill Inserts Code Key

代号	刀片形状
S	
W	

形状代号

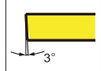
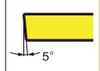
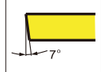
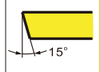
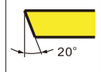
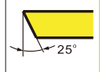
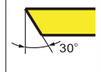
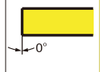
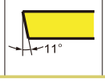


代号	刀尖高度m 公差(mm)	刀尖高度m 公差(mm)	厚度S 公差(mm)	代号	刀尖高度m 公差(mm)	刀尖高度m 公差(mm)	厚度S 公差(mm)
A	±0.005	±0.025	±0.025	A	±0.005	±0.05±0.13	±0.025
F	±0.005	±0.013	±0.025	F	±0.013	±0.05±0.13	±0.025
C	±0.013	±0.025	±0.025	C	±0.025	±0.05±0.13	±0.025
H	±0.013	±0.013	±0.013	H	±0.08±0.18	±0.05±0.13	±0.13
E	±0.025	±0.025	±0.025	E	±0.08±0.18	±0.05±0.13	±0.025
G	±0.025	±0.025	±0.13	G	±0.13±0.38	±0.08±0.25	±0.13

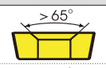
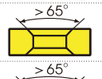
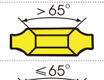
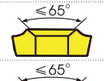
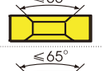
公差

W C M X

主切削刃后角

代号	后角(度)	代号	后角(度)
A		B	
C		D	
E		F	
G		N	
P		O	其他的后角

公 制

代号	有无孔	有无断屑槽	刀片剖面	代号	有无孔	有无断屑槽	刀片剖面
B	有	无		N	无	无	
H	有	单面		R	无	单面	
C	有	无		F	无	双面	
J	有	双面		A	有	无	
W	有	无		M	有	单面	
T	有	单面		G	有	双面	
Q	有	无		X	---	---	特殊
U	有	双面					

断屑槽及夹固形式

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代号	刃长 W	刃长 S
03	3.8	
04	4.3	
05	5.4	5.0
06	6.5	6.0
07		7.94
08	8.7	
09		9.8
11		11.5
14		14.3

切削刃长度（mm）



厚度指刀片底面与切削刃具最高部分之间的高度

代号	刀片厚度(mm)	代号	刀片厚度(mm)
00	0.79	05	5.96
T0	0.99	T5	5.95
01	1.59	06	6.35
T1	1.98	T6	6.75
02	2.38	07	7.94
T2	2.58	09	9.52
03	3.18	T9	9.72
T3	3.97	11	11.11
04	4.76	12	12.70
T4	4.96		

刀片厚度

08 04 12 R - DM

刀尖圆弧半径

代号	说明
04	0.4mm
08	0.8mm
12	1.2mm

切削方向

代号	说明
R	右
L	左
N	双向

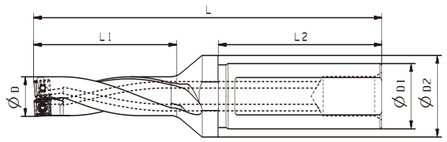
断屑槽型代号

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UD20





★ 刀具附件 Spare parts

Type 型号	基本尺寸(mm) Dimension						Insert 刀片	备件	
	D	D1	D2	L2	L1	L		螺钉	扳手
UD20.SP05.125.W20	12.5	20	25	50	26	94	SP□□050204	TL60 M2X5-2.8	T06
UD20.SP05.130.W20	13.0	20	25	50	26	94			
UD20.SP05.135.W20	13.5	20	25	50	28	96			
UD20.SP05.140.W20	14.0	20	25	50	28	96			
UD20.SP05.145.W20	14.5	20	25	50	30	99			
UD20.SP05.150.W20	15.0	20	25	50	30	99			
UD20.SP06.155.W25	15.5	25	32	56	32	108	SP□□060204	TL60 M2.2X5-3.0	T07
UD20.SP06.160.W25	16.0	25	32	56	32	108			
UD20.SP06.165.W25	16.5	25	32	56	34	110			
UD20.SP06.170.W25	17.0	25	32	56	34	110			
UD20.SP06.175.W25	17.5	25	32	56	36	113			
UD20.SP06.180.W25	18.0	25	32	56	36	113			
UD20.SP06.185.W25	18.5	25	32	56	38	115			
UD20.SP06.190.W25	19.0	25	32	56	38	115			
UD20.SP06.195.W25	19.5	25	32	56	40	119			
UD20.SP06.200.W25	20.0	25	32	56	40	119			
UD20.SP06.205.W25	20.5	25	32	56	42	121			
UD20.SP06.210.W25	21.0	25	32	56	42	121			
UD20.SP06.215.W25	21.5	25	32	56	44	123			
UD20.SP07.220.W25	22.0	25	32	56	44	123	SP□□07T308	TL60 M2.5X6-3.5	T08
UD20.SP07.225.W25	22.5	25	45	56	46	127			
UD20.SP07.225.W32	22.5	32	45	60	46	131			
UD20.SP07.230.W25	23.0	25	45	56	46	127			
UD20.SP07.230.W32	23.0	32	45	60	46	131			
UD20.SP07.235.W25	23.5	25	45	56	48	130			
UD20.SP07.235.W32	23.5	32	45	60	48	134			
UD20.SP07.240.W25	24.0	25	45	56	48	130			
UD20.SP07.240.W32	24.0	32	45	60	48	134			
UD20.SP07.245.W25	24.5	25	45	56	50	133			
UD20.SP07.245.W32	24.5	32	45	60	50	137			
UD20.SP07.250.W25	25.0	25	45	56	50	133			
UD20.SP07.250.W32	25.0	32	45	60	50	137			
UD20.SP07.255.W25	25.5	25	45	56	52	135			
UD20.SP07.255.W32	25.5	32	45	60	52	139			
UD20.SP07.260.W25	26.0	25	45	56	52	135			
UD20.SP07.260.W32	26.0	32	45	60	52	139			
UD20.SP07.265.W25	26.5	25	45	56	54	137			
UD20.SP07.265.W32	26.5	32	45	60	54	141			
UD20.SP07.270.W25	27.0	25	45	56	54	137			
UD20.SP07.270.W32	27.0	32	45	60	54	141			
UD20.SP07.275.W25	27.5	25	45	56	56	140			
UD20.SP07.275.W32	27.5	32	45	60	56	144			
UD20.SP09.280.W25	28.0	25	45	56	56	140	SP□□090408	TL60 M3.5X8-5.3	T15
UD20.SP09.280.W32	28.0	32	45	60	56	144			
UD20.SP09.285.W25	28.5	25	45	56	58	142			

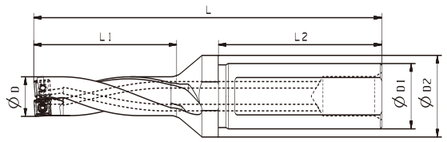
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UD20





★ 刀具附件 Spare parts

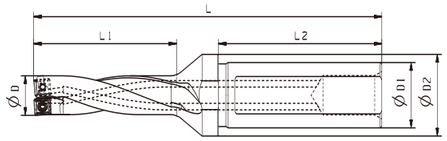
Type 型号	基本尺寸(mm) Dimension						Insert 刀片	备件	
	D	D1	D2	L2	L1	L		螺钉	扳手
UD20.SP09.285.W32	28.5	32	45	60	58	146	SP□□090408	TL60 M3.5X8-5.3	T15
UD20.SP09.290.W25	29.0	25	45	56	58	142			
UD20.SP09.290.W32	29.0	32	45	60	58	146			
UD20.SP09.295.W32	29.5	32	55	60	60	151			
UD20.SP09.295.W40	29.5	40	55	70	60	161			
UD20.SP09.300.W32	30.0	32	55	60	60	151			
UD20.SP09.300.W40	30.0	40	55	70	60	161			
UD20.SP09.305.W32	30.5	32	55	60	62	154			
UD20.SP09.305.W40	30.5	40	55	70	62	164			
UD20.SP09.310.W32	31.0	32	55	60	62	154			
UD20.SP09.310.W40	31.0	40	55	70	62	164			
UD20.SP09.315.W32	31.5	32	55	60	64	156			
UD20.SP09.315.W40	31.5	40	55	70	64	166			
UD20.SP09.320.W32	32.0	32	55	60	64	156			
UD20.SP09.320.W40	32.0	40	55	70	64	166			
UD20.SP09.325.W32	32.5	32	55	60	66	159			
UD20.SP09.325.W40	32.5	40	55	70	66	169			
UD20.SP09.330.W32	33.0	32	55	60	66	159			
UD20.SP09.330.W40	33.0	40	55	70	66	169			
UD20.SP11.340.W32	34.0	32	55	60	68	161	SP□□110408	TL60 M4X10-5.7	T15
UD20.SP11.340.W40	34.0	40	55	70	68	171			
UD20.SP11.350.W32	35.0	32	55	60	70	164			
UD20.SP11.350.W40	35.0	40	55	70	70	174			
UD20.SP11.360.W32	36.0	32	55	60	72	167			
UD20.SP11.360.W40	36.0	40	55	70	72	177			
UD20.SP11.370.W32	37.0	32	55	60	74	170			
UD20.SP11.370.W40	37.0	40	55	70	74	180			
UD20.SP11.380.W32	38.0	32	55	60	76	173			
UD20.SP11.380.W40	38.0	40	55	70	76	183			
UD20.SP11.390.W32	39.0	32	55	60	78	175			
UD20.SP11.390.W40	39.0	40	55	70	78	185			
UD20.SP11.400.W32	40.0	32	60	60	80	178			
UD20.SP11.400.W40	40.0	40	60	70	80	188			
UD20.SP11.410.W40	41.0	40	60	70	82	191			
UD20.SP14.420.W40	42.0	40	60	70	84	193	SP□□140512	TL60 M5X12-7.0	T20
UD20.SP14.430.W40	43.0	40	60	70	86	196			
UD20.SP14.440.W40	44.0	40	60	70	88	198			
UD20.SP14.450.W40	45.0	40	60	70	90	202			
UD20.SP14.460.W40	46.0	40	60	70	92	205			
UD20.SP14.470.W40	47.0	40	60	70	94	207			
UD20.SP14.480.W40	48.0	40	60	70	96	210			
UD20.SP14.490.W40	49.0	40	60	70	98	212			
UD20.SP14.500.W40	50.0	40	60	70	100	215			

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UD30





★ 刀具附件 Spare parts

Type 型号	基本尺寸(mm) Dimension						Insert 刀片	备件	
	D	D1	D2	L2	L1	L		螺钉	扳手
UD30.SP05.125.W20	12.5	20	25	50	39	107	SP□□050204	TL60 M2X5-2.8	T06
UD30.SP05.130.W20	13.0	20	25	50	39	107			
UD30.SP05.135.W20	13.5	20	25	50	42	110			
UD30.SP05.140.W20	14.0	20	25	50	42	110			
UD30.SP05.145.W20	14.5	20	25	50	45	114			
UD30.SP05.150.W20	15.0	20	25	50	45	114			
UD30.SP06.155.W25	15.5	25	32	56	48	124	SP□□060204	TL60 M2.2X5-3.0	T07
UD30.SP06.160.W25	16.0	25	32	56	48	124			
UD30.SP06.165.W25	16.5	25	32	56	51	127			
UD30.SP06.170.W25	17.0	25	32	56	51	127			
UD30.SP06.175.W25	17.5	25	32	56	54	131			
UD30.SP06.180.W25	18.0	25	32	56	54	131			
UD30.SP06.185.W25	18.5	25	32	56	57	134			
UD30.SP06.190.W25	19.0	25	32	56	57	134			
UD30.SP06.195.W25	19.5	25	32	56	60	139			
UD30.SP06.200.W25	20.0	25	32	56	60	139			
UD30.SP06.205.W25	20.5	25	32	56	63	142			
UD30.SP06.209.W25	20.9	25	32	56	63	142			
UD30.SP06.210.W25	21.0	25	32	56	63	142			
UD30.SP06.215.W25	21.5	25	32	56	66	145			
UD30.SP07.220.W25	22.0	25	32	56	66	145	SP□□07T308	TL60 M2.5X6-3.5	T08
UD30.SP07.225.W25	22.5	25	45	56	69	150			
UD30.SP07.225.W32	22.5	32	45	60	69	154			
UD30.SP07.230.W25	23.0	25	45	56	69	150			
UD30.SP07.230.W32	23.0	32	45	60	69	154			
UD30.SP07.235.W25	23.5	25	45	56	72	154			
UD30.SP07.235.W32	23.5	32	45	60	72	158			
UD30.SP07.240.W25	24.0	25	45	56	72	154			
UD30.SP07.240.W32	24.0	32	45	60	72	158			
UD30.SP07.245.W25	24.5	25	45	56	75	158			
UD30.SP07.245.W32	24.5	32	45	60	75	162			
UD30.SP07.250.W25	25.0	25	45	56	75	158			
UD30.SP07.250.W32	25.0	32	45	60	75	162			
UD30.SP07.255.W25	25.5	25	45	56	78	161			
UD30.SP07.255.W32	25.5	32	45	60	78	165			
UD30.SP07.260.W25	26.0	25	45	56	78	161			
UD30.SP07.260.W32	26.0	32	45	60	78	165			
UD30.SP07.264.W25	26.4	25	45	56	81	164			
UD30.SP07.264.W32	26.4	32	45	60	81	168			
UD30.SP07.265.W25	26.5	25	45	56	81	164			
UD30.SP07.265.W32	26.5	32	45	60	81	168			
UD30.SP07.270.W25	27.0	25	45	56	81	164			
UD30.SP07.270.W32	27.0	32	45	60	81	168			
UD30.SP07.275.W25	27.5	25	45	56	84	168			
UD30.SP07.275.W32	27.5	32	45	60	84	172			

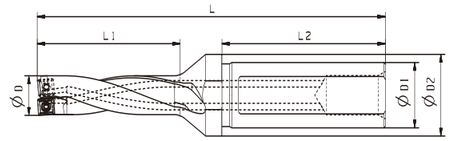
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★ 刀具附件 Spare parts

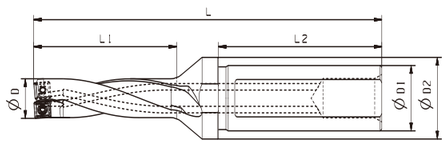
Type 型号	基本尺寸(mm) Dimension						Insert 刀片	备件	
	D	D1	D2	L2	L1	L		螺钉	扳手
UD30.SP09.280.W25	28.0	25	45	56	84	168	SP□□090408	TL60 M3.5X8-5.3	T15
UD30.SP09.280.W32	28.0	32	45	60	84	172			
UD30.SP09.285.W25	28.5	25	45	56	87	171			
UD30.SP09.285.W32	28.5	32	45	56	87	171			
UD30.SP09.290.W25	29.0	25	45	56	87	171			
UD30.SP09.290.W32	29.0	32	45	60	87	175			
UD30.SP09.294.W32	29.4	32	55	60	90	181			
UD30.SP09.294.W40	29.4	40	55	70	90	191			
UD30.SP09.295.W32	29.5	32	55	60	90	181			
UD30.SP09.295.W40	29.5	40	55	70	90	191			
UD30.SP09.300.W32	30.0	32	55	60	90	181			
UD30.SP09.300.W40	30.0	40	55	70	90	191			
UD30.SP09.305.W32	30.5	32	55	60	93	185			
UD30.SP09.305.W40	30.5	40	55	70	93	195			
UD30.SP09.310.W32	31.0	32	55	60	93	185			
UD30.SP09.310.W40	31.0	40	55	70	93	195			
UD30.SP09.315.W32	31.5	32	55	60	96	188			
UD30.SP09.315.W40	31.5	40	55	70	96	198			
UD30.SP09.320.W32	32.0	32	55	60	96	188			
UD30.SP09.320.W40	32.0	40	55	70	96	198			
UD30.SP09.325.W32	32.5	32	55	60	99	192			
UD30.SP09.325.W40	32.5	40	55	70	99	202			
UD30.SP09.330.W32	33.0	32	55	60	99	192			
UD30.SP09.330.W40	33.0	40	55	70	99	202			
UD30.SP11.340.W32	34.0	32	55	60	102	195	SP□□110408	TL60 M4X10-5.7	T15
UD30.SP11.340.W40	34.0	40	55	70	102	205			
UD30.SP11.350.W32	35.0	32	55	60	105	199			
UD30.SP11.350.W40	35.0	40	55	70	105	209			
UD30.SP11.360.W32	36.0	32	55	60	108	203			
UD30.SP11.360.W40	36.0	40	55	70	108	213			
UD30.SP11.370.W32	37.0	32	55	60	111	207			
UD30.SP11.370.W40	37.0	40	55	70	111	217			
UD30.SP11.375.W32	37.5	32	55	60	114	211			
UD30.SP11.375.W40	37.5	40	55	70	114	221			
UD30.SP11.380.W32	38.0	32	55	60	114	211			
UD30.SP11.380.W40	38.0	40	55	70	114	221			
UD30.SP11.390.W32	39.0	32	55	60	117	214			
UD30.SP11.390.W40	39.0	40	55	70	117	224			
UD30.SP11.400.W32	40.0	32	60	60	120	218			
UD30.SP11.400.W40	40.0	40	60	70	120	228			
UD30.SP11.405.W40	40.5	40	60	70	123	232			
UD30.SP11.410.W40	41.0	40	60	70	123	232			
UD30.SP14.420.W40	42.0	40	60	70	126	235	SP□□140512	TL60 M5X12-7.0	T20
UD30.SP14.430.W40	43.0	40	60	70	129	239			
UD30.SP14.440.W40	44.0	40	60	70	132	242			
UD30.SP14.450.W40	45.0	40	60	70	135	247			
UD30.SP14.460.W40	46.0	40	60	70	138	251			
UD30.SP14.470.W40	47.0	40	60	70	141	254			
UD30.SP14.480.W40	48.0	40	60	70	144	258			
UD30.SP14.490.W40	49.0	40	60	70	147	261			
UD30.SP14.500.W40	50.0	40	60	70	150	265			

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UD40





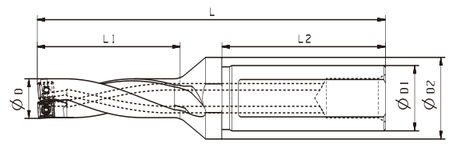
★ 刀具附件 Spare parts

Type 型号	基本尺寸(mm) Dimension						Insert 刀片	备件	
	D	D1	D2	L2	L1	L		螺钉	扳手
UD40.SP05.125.W20	12.5	20	25	50	52	120	SP□□050204	TL60 M2X5-2.8	T06
UD40.SP05.130.W20	13.0	20	25	50	52	120			
UD40.SP05.135.W20	13.5	20	25	50	56	124			
UD40.SP05.140.W20	14.0	20	25	50	56	124			
UD40.SP05.145.W20	14.5	20	25	50	60	129			
UD40.SP05.150.W20	15.0	20	25	50	60	129			
UD40.SP06.155.W25	15.5	25	32	56	64	140	SP□□060204	TL60 M2.2X5-3.0	T07
UD40.SP06.160.W25	16.0	25	32	56	64	140			
UD40.SP06.165.W25	16.5	25	32	56	68	144			
UD40.SP06.170.W25	17.0	25	32	56	68	144			
UD40.SP06.175.W25	17.5	25	32	56	72	149			
UD40.SP06.180.W25	18.0	25	32	56	72	149			
UD40.SP06.185.W25	18.5	25	32	56	76	153			
UD40.SP06.190.W25	19.0	25	32	56	76	153			
UD40.SP06.195.W25	19.5	25	32	56	80	159			
UD40.SP06.200.W25	20.0	25	32	56	80	159			
UD40.SP06.205.W25	20.5	25	32	56	84	163			
UD40.SP06.210.W25	21.0	25	32	56	84	163			
UD40.SP06.215.W25	21.5	25	32	56	88	167			
UD40.SP07.220.W25	22.0	25	32	56	88	167	SP□□07T308	TL60 M2.5X6-3.5	T08
UD40.SP07.225.W25	22.5	25	45	56	92	173			
UD40.SP07.225.W32	22.5	32	45	60	92	177			
UD40.SP07.230.W25	23.0	25	45	56	92	173			
UD40.SP07.230.W32	23.0	32	45	60	92	177			
UD40.SP07.235.W25	23.5	25	45	56	96	178			
UD40.SP07.235.W32	23.5	32	45	60	96	182			
UD40.SP07.240.W25	24.0	25	45	56	96	178			
UD40.SP07.240.W32	24.0	32	32	60	96	182			
UD40.SP07.245.W25	24.5	25	45	56	100	183			
UD40.SP07.245.W32	24.5	32	45	60	100	187			
UD40.SP07.250.W25	25.0	25	45	56	100	183			
UD40.SP07.250.W32	25.0	32	45	60	100	187			
UD40.SP07.255.W25	25.5	25	45	56	104	187			
UD40.SP07.255.W32	25.5	32	45	60	104	191			
UD40.SP07.260.W25	26.0	25	45	56	104	187			
UD40.SP07.260.W32	26.0	32	45	60	104	191			
UD40.SP07.265.W25	26.5	25	45	56	108	191			
UD40.SP07.265.W32	26.5	32	45	60	108	195			
UD40.SP07.270.W25	27.0	25	45	56	108	191			
UD40.SP07.270.W32	27.0	32	45	60	108	195			
UD40.SP07.275.W25	27.5	25	45	56	112	196			
UD40.SP07.275.W32	27.5	32	45	60	112	200			
UD40.SP09.280.W25	28.0	25	45	56	112	196	SP□□090408	TL60 M3.5X8-5.3	T15
UD40.SP09.280.W32	28.0	32	45	60	112	200			
UD40.SP09.285.W25	28.5	25	45	56	116	200			

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★ 刀具附件 Spare parts

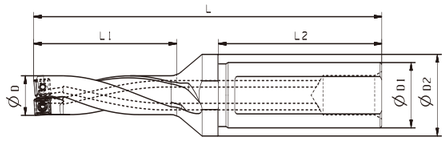
Type 型号	基本尺寸(mm) Dimension						Insert 刀片	备件	
	D	D1	D2	L2	L1	L		螺钉	扳手
UD40.SP09.285.W32	28.5	32	45	60	116	204	SP□□090408	TL60 M3.5X8-5.3	T15
UD40.SP09.290.W25	29.0	25	45	56	116	200			
UD40.SP09.290.W32	29.0	32	45	60	116	204			
UD40.SP09.295.W32	29.5	32	55	60	120	211			
UD40.SP09.295.W40	29.5	40	55	70	120	221			
UD40.SP09.300.W32	30.0	32	55	60	120	211			
UD40.SP09.300.W40	30.0	40	55	70	120	221			
UD40.SP09.305.W32	30.5	32	55	60	124	216			
UD40.SP09.305.W40	30.5	40	55	70	124	226			
UD40.SP09.310.W32	31.0	32	55	60	124	216			
UD40.SP09.310.W40	31.0	40	55	70	124	226			
UD40.SP09.315.W32	31.5	32	55	60	128	220			
UD40.SP09.315.W40	31.5	40	55	70	128	230			
UD40.SP09.320.W32	32.0	32	55	60	128	220			
UD40.SP09.320.W40	32.0	40	55	70	128	230			
UD40.SP09.325.W32	32.5	32	55	60	132	225			
UD40.SP09.325.W40	32.5	40	55	70	132	235			
UD40.SP09.330.W32	33.0	32	55	60	132	225			
UD40.SP09.330.W40	33.0	40	55	70	132	235			
UD40.SP11.340.W32	34.0	32	55	60	136	229	SP□□110408	TL60 M4X10-5.7	T15
UD40.SP11.340.W40	34.0	40	55	70	136	239			
UD40.SP11.350.W32	35.0	32	55	60	140	234			
UD40.SP11.350.W40	35.0	40	55	70	140	244			
UD40.SP11.360.W32	36.0	32	55	60	144	239			
UD40.SP11.360.W40	36.0	40	55	70	144	249			
UD40.SP11.370.W32	37.0	32	55	60	148	244			
UD40.SP11.370.W40	37.0	40	55	70	148	254			
UD40.SP11.380.W32	38.0	32	55	60	152	249			
UD40.SP11.380.W40	38.0	40	55	70	152	259			
UD40.SP11.390.W32	39.0	32	55	60	156	253			
UD40.SP11.390.W40	39.0	40	55	70	156	263			
UD40.SP11.400.W32	40.0	32	60	60	160	258			
UD40.SP11.400.W40	40.0	40	60	70	160	268			
UD40.SP11.410.W40	41.0	40	60	70	164	273			
UD40.SP14.420.W40	42.0	40	60	70	168	277	SP□□140512	TL60 M5X12-7.0	T20
UD40.SP14.430.W40	43.0	40	60	70	172	282			
UD40.SP14.440.W40	44.0	40	60	70	176	286			
UD40.SP14.450.W40	45.0	40	60	70	180	292			
UD40.SP14.460.W40	46.0	40	60	70	184	297			
UD40.SP14.470.W40	47.0	40	60	70	188	301			
UD40.SP14.480.W40	48.0	40	60	70	192	306			
UD40.SP14.490.W40	49.0	40	60	70	196	310			
UD40.SP14.500.W40	50.0	40	60	70	200	315			

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UD50





★ 刀具附件 Spare parts

Type 型号	基本尺寸(mm) Dimension						Insert 刀片	备件	
	D	D1	D2	L2	L1	L		螺钉	扳手
UD50.SP05.125.W20	12.5	20	25	50	65	133	SP□□050204	TL60 M2X5-2.8	T06
UD50.SP05.130.W20	13.0	20	25	50	65	133			
UD50.SP05.135.W20	13.5	20	25	50	70	138			
UD50.SP05.140.W20	14.0	20	25	50	70	138			
UD50.SP05.145.W20	14.5	20	25	50	75	144			
UD50.SP05.150.W20	15.0	20	25	50	75	144			
UD50.SP06.155.W25	15.5	25	32	56	80	156	SP□□060204	TL60 M2.2X5-3.0	T07
UD50.SP06.160.W25	16.0	25	32	56	80	156			
UD50.SP06.165.W25	16.5	25	32	56	85	161			
UD50.SP06.170.W25	17.0	25	32	56	85	161			
UD50.SP06.175.W25	17.5	25	32	56	90	167			
UD50.SP06.180.W25	18.0	25	32	56	90	167			
UD50.SP06.185.W25	18.5	25	32	56	95	172			
UD50.SP06.190.W25	19.0	25	32	56	95	172			
UD50.SP06.195.W25	19.5	25	32	56	100	179			
UD50.SP06.200.W25	20.0	25	32	56	100	179			
UD50.SP06.205.W25	20.5	25	32	56	105	184			
UD50.SP06.210.W25	21.0	25	32	56	105	184			
UD50.SP06.215.W25	21.5	25	32	56	110	189			
UD50.SP07.220.W25	22.0	25	32	56	110	189	SP□□07T308	TL60 M2.5X6-3.5	T08
UD50.SP07.225.W32	22.5	32	45	60	115	200			
UD50.SP07.230.W32	23.0	32	45	60	115	200			
UD50.SP07.235.W32	23.5	32	45	60	120	206			
UD50.SP07.240.W32	24.0	32	45	60	120	206			
UD50.SP07.245.W32	24.5	32	45	60	125	212			
UD50.SP07.250.W32	25.0	32	45	60	125	212			
UD50.SP07.255.W32	25.5	32	45	60	130	217			
UD50.SP07.260.W32	26.0	32	45	60	130	217			
UD50.SP07.265.W32	26.5	32	45	60	135	222			
UD50.SP07.270.W32	27.0	32	45	60	135	222			
UD50.SP07.275.W32	27.5	32	45	60	140	228			
UD50.SP09.280.W32	28.0	32	45	60	140	228	SP□□090408	TL60 M3.5X8-5.3	T15
UD50.SP09.285.W32	28.5	32	45	60	145	233			

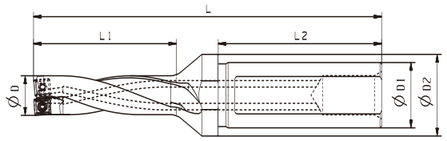
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★ 刀具附件 Spare parts

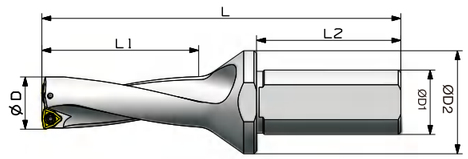
Type 型号	基本尺寸(mm) Dimension						Insert 刀片	备件	
	D	D1	D2	L2	L1	L		螺钉	扳手
UD50.SP09.290.W32	29.0	32	45	60	145	233	SP□□090408		
UD50.SP09.295.W32	29.5	32	55	60	150	241			
UD50.SP09.300.W32	30.0	32	55	60	150	241			
UD50.SP09.300.W40	30.0	40	55	70	150	251			
UD50.SP09.310.W32	31.0	32	55	60	155	247			
UD50.SP09.310.W40	31.0	40	55	70	155	257			
UD50.SP09.320.W32	32.0	32	55	60	160	252			
UD50.SP09.320.W40	32.0	40	55	70	160	262			
UD50.SP09.330.W32	33.0	32	55	60	165	258			
UD50.SP09.330.W40	33.0	40	55	70	165	268			
UD50.SP11.340.W32	34.0	32	55	60	170	263	SP□□110408		
UD50.SP11.340.W40	34.0	40	55	70	170	273			
UD50.SP11.350.W32	35.0	32	55	60	175	269			
UD50.SP11.350.W40	35.0	40	55	70	175	279			
UD50.SP11.360.W32	36.0	32	55	60	180	275			
UD50.SP11.360.W40	36.0	40	55	70	180	285			
UD50.SP11.370.W32	37.0	32	55	60	185	281			
UD50.SP11.370.W40	37.0	40	55	70	185	291			
UD50.SP11.380.W32	38.0	32	55	60	190	287			
UD50.SP11.380.W40	38.0	40	55	70	190	297			
UD50.SP11.390.W32	39.0	32	55	60	195	292			
UD50.SP11.390.W40	39.0	40	55	70	195	302			
UD50.SP11.400.W32	40.0	32	60	60	200	298			
UD50.SP11.400.W40	40.0	40	60	70	200	308			
UD50.SP11.410.W40	41.0	40	60	70	205	314			
UD50.SP14.420.W40	42.0	40	60	70	210	319	SP□□140512		
UD50.SP14.430.W40	43.0	40	60	70	215	325			
UD50.SP14.440.W40	44.0	40	60	70	220	330			
UD50.SP14.450.W40	45.0	40	60	70	225	337			
UD50.SP14.460.W40	46.0	40	60	70	230	343			
UD50.SP14.470.W40	47.0	40	60	70	235	348			
UD50.SP14.480.W40	48.0	40	60	70	240	354			
UD50.SP14.490.W40	49.0	40	60	70	245	359			
UD50.SP14.500.W40	50.0	40	60	70	250	365			

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★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
WCMX030208	TL60M2.5X6-3.5	T08
WCMX040208	TL60M2.5X6-3.5	T08
WCMX050308	TL60M3X8-4.3	T10
WCMX06T308	TL60 M3.5X10-5.7	10IP
WCMX080412	TL60M4X10-5.7	T15

★ 刀具规格型号 Type of Milling Tools

Category 类 型	Type 型 号	基本尺寸(mm) Dimension					
		ØD	ØD1	ØD2	L1	L2	L
WC03	**UD30.WC03.160.W25**	16	25	32	52	56	129
	UD30.WC03.170.W25	17	25	32	55	56	133
	UD30.WC03.180.W25	18	25	32	58	56	137
	UD30.WC03.190.W25	19	25	32	61	56	140
	UD30.WC03.200.W25	20	25	32	64	56	143
WC04	**UD30.WC04.210.W25**	21	25	40	67	56	153
	UD30.WC04.220.W25	22	25	40	70	56	156
	UD30.WC04.230.W25	23	25	40	73	56	159
	UD30.WC04.240.W25	24	25	40	76	56	162
	UD30.WC04.250.W25	25	25	40	79	56	165

注明：配套刀片建议参考株洲钻石。 Note:The Insert Is Zccct brand.

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★ 刀具规格型号 Type of Milling Tools

Category 类 型	Type 型 号	基本尺寸(mm) Dimension					
		ØD	ØD1	ØD2	L1	L2	L
WC05	**UD30.WC05.260.W32**	26	32	55	83	60	176
	UD30.WC05.270.W32	27	32	55	86	60	180
	UD30.WC05.280.W32	28	32	55	89	60	184
	UD30.WC05.290.W32	29	32	55	92	60	188
	UD30.WC05.300.W32	30	32	55	95	60	192
WC06	**UD30.WC06.310.W40**	31	40	60	98	70	203
	UD30.WC06.320.W40	32	40	60	101	70	206
	UD30.WC06.330.W40	33	40	60	104	70	209
	UD30.WC06.340.W40	34	40	60	107	70	212
	UD30.WC06.350.W40	35	40	60	110	70	215
	UD30.WC06.360.W40	36	40	60	113	70	218
	UD30.WC06.370.W40	37	40	60	116	70	221
	UD30.WC06.380.W40	38	40	60	119	70	225
	UD30.WC06.390.W40	39	40	60	122	70	228
	UD30.WC06.400.W40	40	40	60	125	70	231
	UD30.WC06.410.W40	41	40	60	128	70	234
WC08	**UD03.WC08.420.W40**	42	40	60	131	70	239
	UD03.WC08.430.W40	43	40	60	134	70	242
	UD03.WC08.440.W40	44	40	60	137	70	245
	UD03.WC08.450.W40	45	40	60	140	70	248
	UD03.WC08.460.W40	46	40	60	143	70	251
	UD03.WC08.470.W40	47	40	60	146	70	253
	UD03.WC08.480.W40	48	40	70	149	70	255
	UD03.WC08.490.W40	49	40	70	152	70	257
	UD03.WC08.500.W40	50	40	70	155	70	259
	UD03.WC08.510.W40	51	40	70	158	70	261
	UD03.WC08.520.W40	52	40	70	161	70	263
	UD03.WC08.530.W40	53	40	70	164	70	265
	UD03.WC08.540.W40	54	40	70	167	70	267
	UD03.WC08.550.W40	55	40	70	170	70	269
	UD03.WC08.560.W40	56	40	70	173	70	271
	UD03.WC08.570.W40	57	40	70	176	70	273
	UD03.WC08.580.W40	58	40	70	179	70	275

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使用快速钻头注意事项

1. 使用快速钻头尽量有高压中心出水，以增加刀片使用寿命及排屑良好。
2. 使用CNC车床时刀具中心点与机械主轴中心尽量平行。
3. CNC车床使用如须扩孔，刀片外刃必须和刀塔移动角度平行。
4. 随时注意刀片磨损状况，如有异声立即停机检查。

WARNING

1. Use the High Speed Dril the best to drain water from the high pressure center to extending inserts life and good for removing the metal chips
2. Using CNC Lathe the cutting center point with spindle center of Machine best to be parallel.
3. If you need to expand hole when using CNC Lathe, the outer insert must parallel with the remove angle of cutter tower.
4. The inserts have to be checked regularly for wear,and stop immediately once noise occurred.



浅孔钻切削数据参考
Recommended cutting parameters for u drills

孔公差 Hole tolerance

钻削深度 Drilling depth	孔公差 Hole tolerance
2XD	+0.2/-0.1
3XD	+0.25/-0.1
4XD	+0.3/-0.1
5XD	+0.4/-0.1

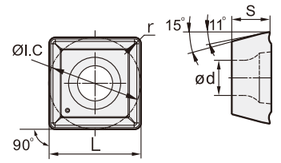
推荐-钻切削条件
Recommended drilling and cutting condition

材质 Materials	速度 (m/min)	进给量 fn(mm/rev) Ø12.5-Ø15	Ø15.5-Ø21.5	Ø22-Ø27.5	Ø28-Ø33	Ø34-Ø41	Ø42-Ø50	Ø51-Ø56	Ø57-Ø66	Ø67-Ø73	Ø74-Ø80
低碳钢（-0.3%C） Low carbon steel	180-250	0.05-0.08	0.06-0.10	0.06-0.12	0.07-0.13	0.08-0.15	0.08-0.16	0.06-0.12	0.08-0.12	0.08-0.12	0.08-0.12
碳钢（0.3%C-） Carbon steel	180-220	0.08-0.12	0.08-0.15	0.10-0.18	0.12-0.22	0.12-0.24	0.13-0.25	0.10-0.15	0.12-0.18	0.12-0.18	0.12-0.18
低碳合金钢 Low alloy steel	150-220	0.06-0.12	0.08-0.14	0.10-0.18	0.12-0.22	0.12-0.23	0.13-0.24	0.08-0.15	0.10-0.18	0.10-0.18	0.10-0.18
高碳合金钢 High alloy steel	130-180	0.06-0.10	0.08-0.15	0.10-0.20	0.12-0.23	0.12-0.24	0.13-0.25	0.08-0.15	0.10-0.15	0.10-0.15	0.10-0.15
不锈钢 Stainless steel	170-240	0.05-0.10	0.06-0.12	0.08-0.15	0.09-0.16	0.10-0.17	0.11-0.19	0.06-0.12	0.08-0.15	0.18-0.15	0.08-0.15
铸铁 Cast iron	180-250	0.06-0.12	0.08-0.16	0.12-0.20	0.15-0.25	0.16-0.28	0.18-0.30	0.12-0.20	0.15-0.22	0.15-0.22	0.15-0.22
球墨铸铁 Nodular cast iron	130-200	0.06-0.10	0.08-0.15	0.10-0.18	0.12-0.20	0.15-0.23	0.16-0.25	0.10-0.15	0.10-0.20	0.10-0.20	0.10-0.20
铝合金 Aluminum alloy	330-380	0.06-0.14	0.08-0.15	0.10-0.20	0.12-0.22	0.14-0.23	0.15-0.26	0.15-0.22	0.15-0.25	0.15-0.25	0.15-0.25
钛合金 Titanium alloy	30-60	0.05-0.10	0.06-0.14	0.08-0.18	0.10-0.22	0.14-0.23	0.15-0.24	0.10-0.15	0.12-0.16	0.12-0.16	0.12-0.16

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★ 刀片选择 Matching Insert

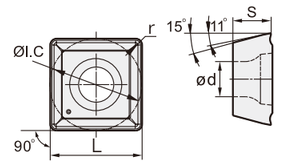
型号 Type	SD1205	SD2136	SD2336	SD4326	SD4226	SD4236	SD5346	SD5236	SD5450	SD5440	SD5146	基本尺寸(mm) Dimension L	ØI.C	S	Ød	r
SPMG050204	●	●	●						○			5	5	2.38	2.2	0.4
SPMG060204	●	●	●						○			6	6	2.38	2.6	0.4
SPMG07T308	●	●	●						○			7.94	7.94	3.97	2.8	0.8
SPMG090408	●	●	●						○			9.8	9.8	4.3	4.2	0.8
SPMG110408	●	●	●						○			11.5	11.5	4.76	4.4	0.8
SPMG140512	●	●	●									14.3	14.3	5.2	5.75	1.2
P 钢	■	■	■													
M 不锈钢	■	□	■						■							
K 铸铁	■		■													
N 有色金属																
S 耐热合金、钛合金			■													
H 淬硬材料																



● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

★ 刀片选择 Matching Insert

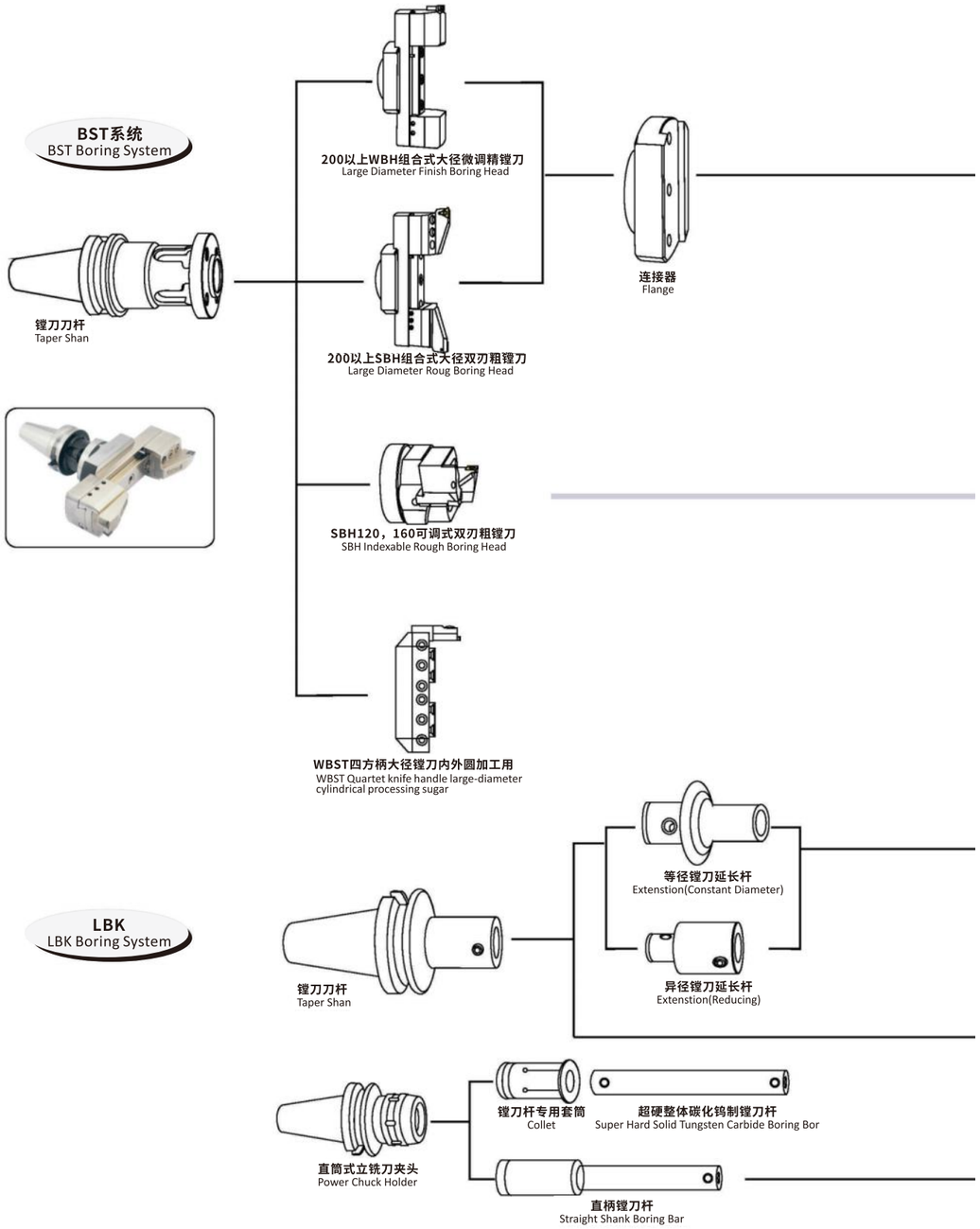
型号 Type	SD1205	SD2136	SD2336	SD4326	SD4226	SD4236	SD5346	SD5236	SD5450	ST9110	ST9015	基本尺寸(mm) Dimension L	ØI.C	S	Ød	r
SPGT050204-SPM										●	●	5	5	2.38	2.2	0.4
SPGT060204-SPM										●	●	6	6	2.38	2.6	0.4
SPGT07T308-SPM										●	●	7.94	7.94	3.97	2.8	0.8
SPGT090408-SPM										●	●	9.8	9.8	4.3	4.2	0.8
SPGT110408-SPM										●	●	11.5	11.5	4.76	4.4	0.8
SPGT110408-SPM										○	○	14.3	14.3	5.2	5.75	1.2
P 钢										■	■					
M 不锈钢										■	■					
K 铸铁										■	■					
N 有色金属																
S 耐热合金、钛合金										■	□					
H 淬硬材料																



● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

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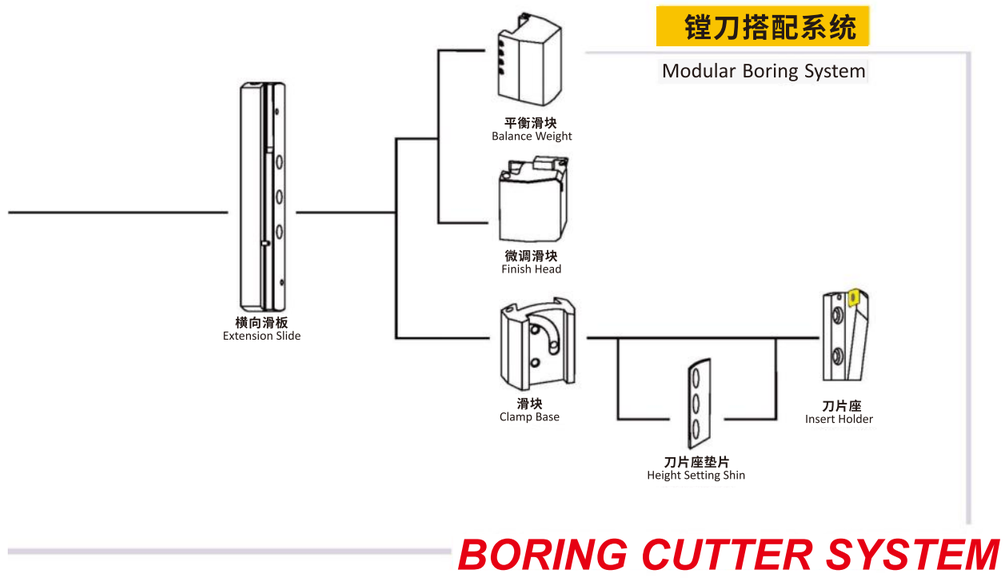
镗孔头组合图示 Boring Head Combination Icon



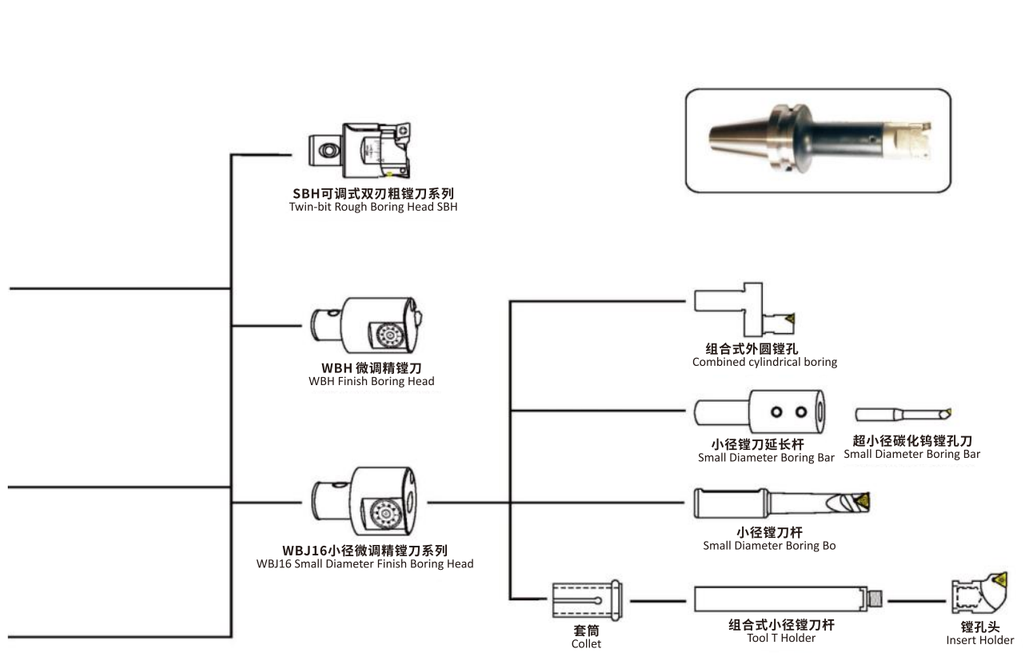
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Boring Head Combination Icon 镗孔头组合图示



BORING CUTTER SYSTEM

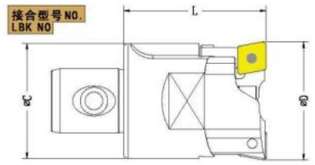


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SBH可调式双刃粗镗刀系列 《镗孔范围φ25-φ204mm》

Twin-bit Rough Boring Head SBH<Boring Range Form φ25-φ204mm>





特色

1、刀体整体缩短，刚性增强。
2、内藏式水孔，直接冷卸，刀片寿命长。
3、排屑槽设计，增加深孔排屑功能。
4、刀片座降低高度，刚性增强。
5、独特高低段差设计，平刃或高低刃均可采用。

Features

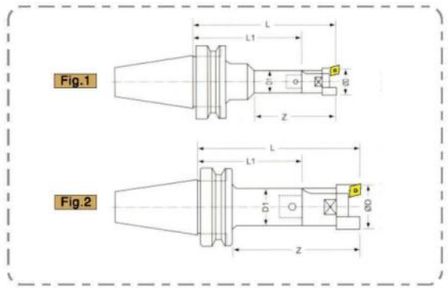
1. Shortened boring head,with strengthened rigidity
2. Inner coolant nozzle directly cools the inserts and prolongs the working life.
3. Design of chip pocket increases the chipping function on deep holes.
4. The lowered height of insert holder strengthens the rigidity.
5. Unique design of height difference, Suitable for level boring and step boring..

	镗头型号 Boring Head Type	接合型号 LBK No.	镗孔范围φ Dmm Boring Range	L mm	C mm	刀片规格 Insert	重量 kg Weight
	SBH25-35-C	LBK2	25~33	32	24	CCMT060204	0.1
	SBH32-45-C	LBK3	32~42	39	31		0.2
	SBH40-55-C	LBK4	40~55	48	39	CCMT09T304	0.4
	SBH52-75-C	LBK5	52~75	54	50		0.7
	SBH68-100-C	LBK6	68~100	68	63	CCMTI 20408	1.6
	SBH90-130-C		90~130	78	88		2.6
	SBH120-164-C	BST Series	120~164	100	100	CCMTI 20408	4.1
	SBH160-204-C		160~204	100	128	CCMTI 20408	5.2

SBH双刃粗镗刀+LBK刀柄 (MAS 403BT)

SBH Twin-bit Rough Boring Head+LBK Shank(MAS 403BT)





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SBH双刃粗镗刀组合系列 SBH Finish Boring Head

型号 Tape	样式 Fig.	镗孔范围 ⌀(Dmm)	有效长 Z	组合内容 Tool Connection		接合型号	全长	刀杆长	刀杆外径	重量
				LBK刀杆 LBK shank	SBH刀盘 SBH boring head	LBK No	L	L1	D1	KG
BT30-SBH25-112	2	25-35	82	BT30-LBK2-80	SBH25	2	112	80	24	0.8
BT30-SBH32-119		32-45	89	BT30-LBK3-80	SBH32	3	119		31	1.0
BT30-SBH40-118		40-55	75	BT30-LBK4-70	SBH40	4	118	70	39	1.3
BT30-SBH52-114		52-75	84	BT30-LBK5-60	SBH52	5	114	60	50	1.8
BT30-SBH68-128		68-100	98	BT30-LBK6-60	SBH68	6	128		64	3.0
BT30-SBH90-138		90-130	108		SBH90		138			3.9
BT40-SBH25-117	2	25-35	82	BT40-LBK2-85	SBH25	2	117	85	24	1.3
BT40-SBH25-147			112	BT40-LBK2-115			147	115		1.6
BT40-SBH32-134		32-45	99	BT40-LBK3-95	SBH32	3	134	95	31	1.5
BT40-SBH32-164			129	BT40-LBK3-125			164	125		1.8
BT40-SBH32-194			159	BT40-LBK3-155			194	155		2.0
BT40-SBH40-133		40-55	85	BT40-LBK4-85	SBH40	4	133	85	39	1.8
BT40-SBH40-178			130	BT40-LBK4-130			178	130		2.4
BT40-SBH40-223			175	BT40-LBK4-175			223	175		2.7
BT40-SBH52-129		52-75	94	BT40-LBK5-75	SBH52	5	129	75	50	2.3
BT40-SBH52-179			144	BT40-LBK5-125			179	125		3.3
BT40-SBH52-229			194	BT40-LBK5-175			229	175		4.0
BT40-SBH68-133		68-100	98	BT40-LBK6-65	SBH68	6	133	65	64	3.3
BT40-SBH68-183			148	BT40-LBK6-115			183	115		4.7
BT40-SBH68-233			198	BT40-LBK6-165			233	165		5.9
BT40-SBH90-143		90-130	108	BT40-LBK6-65	SBH90		143	65		4.2
BT40-SBH90-193			158	BT40-LBK6-115			193	115		5.6
BT40-SBH90-243			208	BT40-LBK6-165			243	165		6.8
BT40-SBH120-172		120-164	137	BT40-BST-70	SBH120	BST	172	70	95	7.0
BT40-SBH160-170		160-204	135		SBH160		170			8.0
BT50-SBH25-142	2	25-35	92	BT50-LBK2-110	SBH25	2	142	110	24	4.1
BT50-SBH25-172			122	BT50-LBK2-140			172	140		4.2
BT50-SBH32-164		32-45	114	BT50-LBK3-125	SBH32	3	164	125	31	4.4
BT50-SBH32-194			144	BT50-LBK3-155			194	155		4.5
BT50-SBH40-163		40-55	100	BT50-LBK4-115	SBH40	4	163	115	39	4.8
BT50-SBH40-193			130	BT50-LBK4-145			193	145		4.9
BT50-SBH40-223			160	BT50-LBK4-175			223	175		5.3
BT50-SBH40-253			190	BT50-LBK4-205			253	205		5.4
BT50-SBH52-159		52-75	109	BT50-LBK5-105	SBH52	5	159	105	50	5.5
BT50-SBH52-234			184	BT50-LBK5-180			234	180		6.5
BT50-SBH52-294			244	BT50-LBK5-240			294	240		7.2
BT50-SBH52-354	1		244	BT50-LBK5-300			354	300	64/50	8.6
BT50-SBH68-163	2	68-100	113	BT50-LBK6-95	SBH68	6	163	95	64	6.5
BT50-SBH68-238			188	BT50-LBK6-170			238	170		8.3
BT50-SBH68-298			248	BT50-LBK6-230			298	230		9.6
BT50-SBH68-358			308	BT50-LBK6-290			358	290		11.0
BT50-SBH68-418	1		368	BT50-LBK6-350			418	350	90/64	15.5
IBT50-SBH68-418				IBT50-LBK6-350						13.2
BT50-SBH90-173	2	90-130	123	BT50-LBK6-95	SBH90		173	95	64	7.4
BT50-SBH90-248			198	BT50-LBK6-170			248	170		9.2
BT50-SBH90-308			258	BT50-LBK6-230			308	230		10.5
BT50-SBH90-368			318	BT50-LBK6-290			368	290		11.9
BT50-SBH90-428	1		378	BT50-LBK6-350			428	350	90/64	16.4
IBT50-SBH90-428				IBT50-LBK6-350					64	14.1
BT50-SBH120-202	2	120-164	157	BT50-BST-100	SBH120	BST	202	100	95	8.9
BT50-SBH120-252			207	BT50-BST-150			252	150		10.6
BT50-SBH120-302			257	BT50-BST-200			302	200		13.3
BT50-SBH120-352			307	BT50-BST-250			352	250		15.3
BT50-SBH120-402			357	BT50-BST-300			402	300		17.3
BT50-SBH120-452			407	BT50-BST-350			452	350		19.3
BT50-SBH120-502			457	BT50-BST-400			502	400		21.3
BT50-SBH160-200		160-204	155	BT50-BST-100	SBH160		200	100		13.3
BT50-SBH160-250			205	BT50-BST-150			250	150		13.8
BT50-SBH160-300			255	BT50-BST-200			300	200		14.3
BT50-SBH160-350			305	BT50-BST-250			350	250		16.3
BT50-SBH160-400			355	BT50-BST-300			400	300		18.3
BT50-SBH160-450			405	BT50-BST-350			450	350		20.3
BT50-SBH160-500			455	BT50-BST-400			500	400		22.3

▲ IBT是专为抑制镗孔共振而改良的专用刀杆 IBT is the improved type dedicated to resonance in boring

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ϕ200以上SBH组合式大径粗镗刀系列
Indexable Twin-bit Rough Boring Head SBH<Boring Rang Form ϕ25-ϕ204mm>



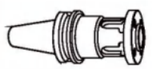
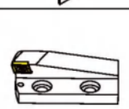
特色

1、通用ϕ200-ϕ1250mm大型孔径加工使用。
2、粗、精镗刀使用同基础组件，且可另选配附件搭配使用。加工调整范围为ϕ110mm。SBH600与SBH900调整范围为350mm。
3、粗镗刀，具有多种刀片选择，可通用于多种材质及加工方式。
4、精镗刀另有铝合金横向滑板，可选用来降低刀具重量。
5、另有外圆镗孔组件可选用，加工范围ϕ20-ϕ300mm。

Features

1. This type is suitable for large diameter boring with ranges from ϕ200mm to ϕ1250mm.
2. The structure includes common flange and extension slide for both rough and finish boring heads. Available can be optional accessories for different worls. Adjustment range is within 110mm on diameter. The adjustment rang for bother SBH600 and SBH900 is 350mm.
3. Options of various inserts fou rough boring of different materials and boring styles.
4. Available is the horizontal slide made of Aluminum alloy to reduce total weight.
5. Option of external boring kit with boring range from ϕ20mm to ϕ300mm.

规格 Specifcations

	型号 Type		SBH 200	SBH 300	SBH 400	SBH 500	SBH 600	SBH 900
镗头型号 Boring Head Type	长度 Length(mm)		130	130	130	130	150	150
	整组重量 Total Weight(kg)	合金钢 Alloy Steel	9.5	11.5	13.5	15.5	33	43
		铝合金 Aluminum Alloy	7.2	8.0	8.8	9.6	16.0	20.7
	加工直径 D(mm)Boring Diameter		200～310	300～410	400～510	500～610	600～910	900～1250
组合型式 Module	接合刀杆 Taper Shank		BT50-BST/NT50-BST系列 BT50-BST/NT50-BST Series				BT50-FMA-47.625	
	连接器 Flange		BR200				BR600	BR900
	重量(kg) Weight 合金钢 Alloy Steel		合金钢 Alloy Steel 2.7kg				19	29
	重量(kg) Weight 铝合金 Aluminum Alloy						8.8	13.5
	横向滑板 Extension Slide		RST200	RST300	RST400	RST500	RST300X2裱(pieces)	
	重量(kg) Weight 合金钢 Alloy Steel		3.4	5.4	7.4	9.4	10.8	
	重量(kg) Weight 铝合金 Aluminum Alloy		1.1	1.9	2.7	3.5	3.8	
	滑块 Clamp Base		RS200					
	重量(kg) Weight		0.98kg					
	刀片座垫片 Height Setting Shin		RS201					
	重量(kg) Weight		0.05kg					
	刀片座 Insert Holder		RB200C12	RB200T16	RB200T22	RB200S12		
	适合刀片 Applicable Insert		CCMT120404	TCMT16T304	TCMT220404	SCMT120404		
	重量(kg) Weight		0.68kg					

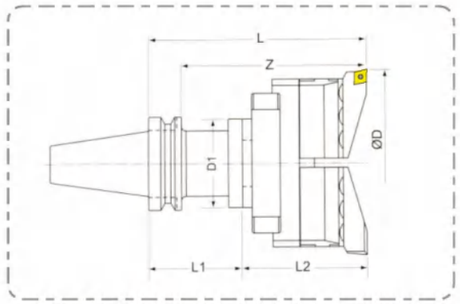
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ϕ200以上SBH组合式大径双刃粗镗刀+BST刀柄（MAS 403BT）
SBH Indexable Twin-bit Rough Boring Head For Large Hole Boring+BST Shank <MAS 403BT>

《镗孔范围 ϕ200-ϕ1250mm》
《Boring Range From ϕ200-ϕ1250mm》

	镗头型号 Boring Head Type	接合型号 LBK No.	镗孔范围 ϕ Dmm Boring Range	镗头长度mm Length	刀片规格 Insert	重量KG 合金钢 Alloy Steel	重量KG 铝合金 Aluminum Alloy
	SBH200–310	BST series	200～310	130	(适配刀片座) Optional Inserts CCMT120408	9.5	7.2
	SBH300–410		300～410			11.5	8.0
	SBH400–510		400～510			13.5	8.8
	SBH500–610		500～610			15.5	9.6
	SBH600–910	FMA–47.625	600～910	150		33.0	16.0
	SBH900–1250		900～1250			43.0	20.7





规格 Specifcations

型号 Tape	镗孔范围 ∅(Dmm)	有效长 Z	组合内容 Tool Connection LBK刀杆 LBK shank	SBH刀裱 SBH boring head	接合型号 LBK No	全长 L	刀杆长 L1	刀杆外径 D1	重量 KG 合金钢 Alloy Steel	重量 KG 铝合金 Aluminum Alloy
BT50–SBH200–230	200～310	185	BT50–BST–100	SBH200	BST	230	100	95	14.6	12.3
BT50–SBH200–280		235	BT50–BST–150			280	150		16.3	14
BT50–SBH200–330		285	BT50–BST–200			330	200		19	16.7
BT50–SBH200–380		335	BT50–BST–250			380	250		21	18.7
BT50–SBH200–430		385	BT50–BST–300			430	300		23	20.7
BT50–SBH200–480		435	BT50–BST–350			480	350		25	22.7
BT50–SBH200–530		485	BT50–BST–400			530	400		27	24.7
BT50–SBH300–230	300～410	185	BT50–BST–100	SBH300		230	100		16.6	13.1
BT50–SBH300–280		235	BT50–BST–150			280	150		18.3	14.8
BT50–SBH300–330		285	BT50–BST–200			330	200		21	17.5
BT50–SBH300–380		335	BT50–BST–250			380	250		23	19.5
BT50–SBH300–430		385	BT50–BST–300			430	300		25	21.5
BT50–SBH300–480		435	BT50–BST–350			480	350		27	23.5
BT50–SBH300–530		485	BT50–BST–400			530	400		29	25.5
BT50–SBH400–230	400～510	185	BT50–BST–100	SBH400		230	100		18.6	13.9
BT50–SBH400–280		235	BT50–BST–150			280	150		20.3	15.6
BT50–SBH400–330		285	BT50–BST–200			330	200		23	18.3
BT50–SBH400–380		335	BT50–BST–250			380	250		25	20.3
BT50–SBH400–430		385	BT50–BST–300			430	300		27	22.3
BT50–SBH400–480		435	BT50–BST–350			480	350		29	24.3
BT50–SBH400–530		485	BT50–BST–400			530	400		31	26.3
BT50–SBH500–230	500～610	185	BT50–BST–100	SBH500		230	100		20.6	14.7
BT50–SBH500–280		235	BT50–BST–150			280	150		22.3	16.4
BT50–SBH500–330		285	BT50–BST–200			330	200		25	19.1
BT50–SBH500–380		335	BT50–BST–250			380	250		27	21.1
BT50–SBH500–430		385	BT50–BST–300			430	300		29	23.1
BT50–SBH500–480		435	BT50–BST–350			480	350		31	25.1
BT50–SBH500–530		485	BT50–BST–400			530	400		33	27.1
BT50–SBH600–230	600～910	185	BT50–FMA47.625–75	SBH600	FMA 47.625	230	75	128	40	23
BT50–SBH900–230	900～1250			SBH900					50	27.7

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SBH非标类粗镗刀



特色

1、采用独特高低差形式，1个刀座采用微调结构设计。
2、适用于余量适中，精度要求低的零件。
3、粗精镗一次完成加工， 效率要求低的零件。

Features

1. Adopt the unique shape of height difference, the insert holder use the fine-tune structure.
2. Suitable for workepiece of moderate margin and low accuracy.
3. Finish the rough boring and fine boring in one time, with high efficiency, low cost.



特色

1、自主研发刀粒经济实用成本低效率高。
2、采用SN型刀粒，每个刀粒可更换8次使用。
3、适用于200以上的大径切削镗孔。

Features

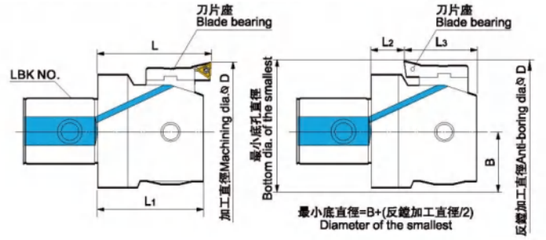
1. Originally created and independently researched and developed by LPK, economical and practical, with low cost and high efficiency.
2. Use SN type inserts, every insert is replaceable for 8 times when using .
3. Suitable for boring holes of large diameter above ϕ200mm

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WBH微调式精镗刀系列
WBH adjustable fine boring knife

有预平衡设计，可获得稳定的加工精度。
There are pre-balanced design, availability and stability of the machining accuracy.
标准对应反镗工加工，适用范围广，增大附加价值。
Standard corresponding to the anti-boring work processing, using a wide range of increasing added value.





规格 Specifcations

型号 Tape	接口型号 LBK NO	刀片座 Blade Block	正镗 Is boring 加工范围	L	L1	反镗 Anti-boring 加工范围	L2	L3	B	重量 KG	适用刀片 Blade
WBH20–36 LBK1	LBK1	WBH1–1	20~26	32	29.5	--	10.5	19	10	0.07	TP08/M2.2/T7
		WBH1–2	25~31			30~31					
		WBH1–3	30~36			30~36					
WBH25–47 LBK2	LBK2	WBH2–1	25~33	32	29.5	--	11.5	21	12.5	0.12	
		WBH2–2	32~40			36~40					
		WBH2–3	39~47			39~47					
WBH32–60 LBK3	LBK3	WBH3–1	32~42	38	35	--	10	25	16	0.21	
		WBH3–2	41~51			46~51					
		WBH3–3	50~60			50~60					
WBH41–74 LBK4	LBK4	WBH4–1	41~54	46	43	--	14	29	20	0.40	TP11/M3/T8 TC11/M2.5/T8
		WBH4–2	50~63			53~63					
		WBH4–3	61~74			61~74					
WBH53–95 LBK5	LBK5	WBH5–1	53~70	56	53	62~70	19	34	25.5	1.10	
		WBH5–2	65~82			65~82					
		WBH5–3	78~95			78~95					
WBH68–150 LBK6	LBK6	WBH6–1	68~100	71	67.2	80~100	22	45.2	32.5	1.74	
		WBH6–2	94~126			94~126					
		WBH6–3	118~150			118~150					
WBH100–203 LBK6	LBK6	WBH6–1	100~153	78	67.2	112~153	22	45.2	45.5	2.46	
		WBH6–2	126~179			126~179					
		WBH6–3	150~203			150~203					
WBH150–253LBK6	LBK6	WBH6–1	150~203	88	67.2	162~203	22	45.2	70.5	4.20	
		WBH6–2	176~229			176~229					
		WBH6–3	200~253			200~253					

刀片座 PAT.P



注意 WBH镗头自身允许最高切削速度为1200m/min，但实际加工时还与基础柄的长度、机器及工件的刚性等周边条件有关。请再容许范围内选择最合适的加工条件。

型 号	形状图	对应镗头	型 号	形状图	对应镗头	型 号	形状图	对应镗头
WBH1–1	3° 对应刀片 TP08/M2.2/T7	WBH20–36	WBH4–1	3° 对应刀片 TC11/M2.5/T8 TP11/M3/T8	WBH41–74	WBH1–1E	0° 对应刀片 TC11/M2.5/T8 TP11/M3/T8	WBH41–74
WBH1–2			WBH4–2			WBH1–2E		
WBH1–3			WBH4–3			WBH1–3E		
WBH2–1		WBH25–47	WBH5–1		WBH53–95	WBH2–1E		WBH53–95
WBH2–2			WBH5–2			WBH2–2E		
WBH2–3			WBH5–3			WBH2–3E		
WBH3–1		WBH32–60	WBH6–1		WBH68–150 WBH68–150 WBH100–203 WBH150–253	WBH3–1E		WBH68–150 WBH68–150 WBH100–203 WBH150–253
WBH3–2			WBH6–2			WBH3–2E		
WBH3–3			WBH6–3			WBH3–3E		

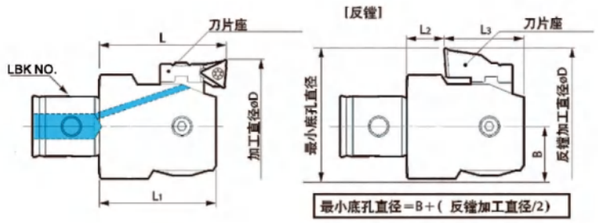
不附带刀片，请另外订购。

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CBH微调式精镗刀系列
CBH adjustable fine boring knife

有预平衡设计，可获得稳定的加工精度。
There are pre-balanced design, availability and stability of the machining accuracy.
标准对应反镗工加工，适用范围广，增大附加价值。
Standard corresponding to the anti-boring work processing, using a wide range of increasing added value.





规格 Specifcations

型号 Tape	接口型号 LBK NO	刀片座 Blade Block	正镗 Is boring			反镗 Anti-boring				重量 KG	适用刀片 Blade
			加工范围	L	L1	加工范围	L2	L3	B		
CBH20-36 LBK1	LBK1	WBH1-1	20~26	32	29.5	--	10.5	19	10	0.07	TP08/M2.2/T7
		WBH1-2	25~31			30~31					
		WBH1-3	30~36			30~36					
CBH25-47 LBK2	LBK2	WBH2-1	25~33	32	29.5	--	11.5	21	12.5	0.12	
		WBH2-2	32~40			36~40					
		WBH2-3	39~47			39~47					
CBH32-60 LBK3	LBK3	WBH3-1	32~42	38	35	--	10	25	16	0.21	
		WBH3-2	41~51			46~51					
		WBH3-3	50~60			50~60					
CBH41-74 LBK4	LBK4	WBH4-1	41~54	46	43	--	14	29	20	0.40	TP11/M3/T8 TC11/M2.5/T8
		WBH4-2	50~63			53~63					
		WBH4-3	61~74			61~74					
CBH53-95 LBK5	LBK5	WBH5-1	53~70	56	53	62~70	19	34	25.5	1.10	
		WBH5-2	65~82			65~82					
		WBH5-3	78~95			78~95					
CBH68-150 LBK6	LBK6	WBH6-1	68~100	71	67.2	80~100	22	45.2	32.5	1.74	
		WBH6-2	94~126			94~126					
		WBH6-3	118~150			118~150					
CBH100-203 LBK6	LBK6	WBH6-1	100~153	78	67.2	112~153	22	45.2	45.5	2.46	
		WBH6-2	126~179			126~179					
		WBH6-3	150~203			150~203					
CBH150-253 LBK6	LBK6	WBH6-1	150~203	88	67.2	162~203	22	45.2	70.5	4.20	
		WBH6-2	176~229			176~229					
		WBH6-3	200~253			200~253					

注意 WBH镗头自身允许最高切削速度为1200m/min，但实际加工时还与基础柄的长度、机器及工件的刚性等周边条件有关。请再容许范围内选择最合适的加工条件。

刀片座 PAT.P



型 号	形状图	对应镗头	型 号	形状图	对应镗头	型 号	形状图	对应镗头
WBH1-1	3° 对应刀片 TP08/M2.2/T7	WBH20-36	WBH4-1	3° 对应刀片 TC11/M2.5/T8 TP11/M3/T8	WBH41-74	WBH1-1E	0° 对应刀片 TC11/M2.5/T8 TP11/M3/T8	WBH41-74
WBH1-2			WBH4-2			WBH1-2E		
WBH1-3			WBH4-3			WBH1-3E		
WBH2-1		WBH25-47	WBH5-1		WBH53-95	WBH2-1E		WBH53-95
WBH2-2			WBH5-2			WBH2-2E		
WBH2-3			WBH5-3			WBH2-3E		
WBH3-1		WBH32-60	WBH6-1		WBH68-150 WBH68-150 WBH100-203 WBH150-253	WBH3-1E		WBH68-150 WBH68-150 WBH100-203 WBH150-253
WBH3-2			WBH6-2			WBH3-2E		
WBH3-3			WBH6-3			WBH3-3E		

不附带刀片，请另外订购。

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WBH(CBH) 微调式精镗刀组合系列
WBH(CBH) adjustable fine boring knife

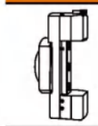
型号 Tape	样式 Fig.	有效长 Z	组合内容 Tool Connection		接合型号 LBK No	全长 L	刀杆长 L1	刀杆外径 D1	重量 KG
			LBK刀杆 LBK shank	WBH刀镗 WBH boring head					
BT30-WBH20-105	2	75	BT30-LBK1-70	WBH20	1	100	70	19	0.6
BT30-WBH25-120		90	BT30-LBK2-80	WBH25	2	115	80	24	0.8
BT30-WBH32-120			BT30-LBK3-80	WBH32	3			31	1.0
BT30-WBH41-120			BT30-LBK4-70	WBH41	4		70	39	1.3
BT30-WBH53-120			BT30-LBK5-60	WBH53	5		60	50	1.8
BT30-WBH68-130		100	BT30-LBK6-60	WBH68	6	125		64	3.0
BT40-WBH20-110	2	75	BT40-LBK1-75	WBH20	1	105	75	19	1.1
BT40-WBH20-140		105	BT40-LBK1-105			135	105		1.3
BT40-WBH25-125		90	BT40-LBK2-85	WBH25	2	120	85	24	1.3
BT40-WBH25-155		120	BT40-LBK2-115			150	115		1.6
BT40-WBH32-135		100	BT40-LBK3-95	WBH32	3	130	95	31	1.5
BT40-WBH32-165		130	BT40-LBK3-125			160	125		1.8
BT40-WBH32-195		160	BT40-LBK3-155			190	155		2.0
BT40-WBH41-135		100	BT40-LBK4-85	WBH41	4	130	85	39	1.8
BT40-WBH41-180		145	BT40-LBK4-130			175	130		2.4
BT40-WBH41-225		190	BT40-LBK4-175			220	175		2.7
BT40-WBH53-135		100	BT40-LBK5-75	WBH53	5	130	75	50	2.3
BT40-WBH53-185		150	BT40-LBK5-125			180	125		3.3
BT40-WBH53-235		200	BT40-LBK5-175			230	175		4.0
BT40-WBH68-135		100	BT40-LBK6-65	WBH68	6	130	65	64	3.3
BT40-WBH68-185		150	BT40-LBK6-115			180	115		4.7
BT40-WBH68-235		200	BT40-LBK6-165			230	165		5.9
BT40-WBH100-135		100	BT40-LBK6-65	WBH100		130	65		4.2
BT40-WBH100-185		150	BT40-LBK6-115			180	115		5.6
BT40-WBH100-235		200	BT40-LBK6-165			230	165		6.8
BT50-WBH20-150	1	75	BT50-LBK1-115	WBH20	1	145	115	31/19	4.1
BT50-WBH20-180		105	BT50-LBK1-145			175	145		4.2
BT50-WBH25-150	2	105	BT50-LBK2-110	WBH25	2	145	110	24	4.1
BT50-WBH25-180		135	BT50-LBK2-140			175	140		4.2
BT50-WBH32-165		120	BT50-LBK3-125	WBH32	3	160	125	31	4.4
BT50-WBH32-195		150	BT50-LBK3-155			190	155		4.5
BT50-WBH41-165		120	BT50-LBK4-115	WBH41	4	160	115	39	4.8
BT50-WBH41-195		150	BT50-LBK4-145			190	145		4.9
BT50-WBH41-225		180	BT50-LBK4-175			220	175		5.3
BT50-WBH41-255		210	BT50-LBK4-205			220	205		5.4
BT50-WBH53-165		120	BT50-LBK5-105	WBH53	5	160	108	50	5.5
BT50-WBH53-240		195	BT50-LBK5-180			235	180		6.5
BT50-WBH53-300		255	BT50-LBK5-240			295	240		7.2
BT50-WBH53-360	1	255	BT50-LBK5-300			355	300	64/50	8.6
BT50-WBH68-165	2	120	BT50-LBK6-95	WBH68	6	160	95	64	6.5
BT50-WBH68-240		195	BT50-LBK6-170			235	170		8.3
BT50-WBH68-300		255	BT50-LBK6-230			295	230		9.6
BT50-WBH68-360		315	BT50-LBK6-290			355	290		11.0
BT50-WBH68-420	1	375	BT50-LBK6-350			415	350	90/64	15.5
IBT50-WBH68-420	2	375	IBT50-LBK6-350			415	350	64	13.2
BT50-WBH100-165	2	120	BT50-LBK6-95	WBH100		160	95	64	7.4
BT50-WBH100-240		195	BT50-LBK6-170			235	170		9.2
BT50-WBH100-300		255	BT50-LBK6-230			295	230		10.5
BT50-WBH100-360		315	BT50-LBK6-290			355	290		11.9
BT50-WBH100-420	1	375	BT50-LBK6-350			415	350	90/64	16.4
IBT50-WBH100-420	2	375	IBT50-LBK6-350			415	350	64	14.1
BT50-WBH150-165	2	120	BT50-LBK150-165	WBH150	6	165	95	64	8.7
BT50-WBH150-240		195	BT50-LBK150-240			240	170		10.5
BT50-WBH150-300		255	BT50-LBK150-300			300	230		11.8
BT50-WBH150-360		315	BT50-LBK150-360			360	290		13.2
BT50-WBH150-420	1	375	BT50-LBK150-420			420	350	90/64	17.7
IBT50-WBH150-420	2	375	IBT50-LBK150-420			420	350	64	15.4

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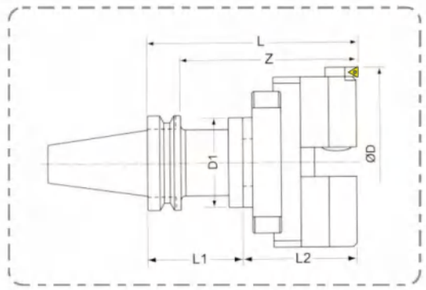
Φ200以上WBH大孔径微调精镗刀+BST刀柄（MAS 403BT）

WBH Large Diameter Modular Finish Boring Head+BST Shank(MAS 403BT)

《镗孔范围 Φ200–Φ1250mm》
《Boring Range fromΦ200–Φ1250mm》

	镗头型号 Boring Head Type	接合型号 LBK No.	镗孔范围φDmm Boring Range	镗头长度 L2 mm	刀片规格/螺丝/扳手 Insert/ Clamp Screw/ Wrench	重量KG 合金钢 Alloy Steel	铝合金 Aluminum Alloy
	WBH200	BST系列 BST series	200～310	130	TC11/M2.5/T8 TP11/M3.0/T8	9.7	7.0
	WBH300		300～410			11.7	7.8
	WBH400		400～510			13.7	8.6
	WBH500		500～610			15.7	9.4
	WBH600	FMA–47.625	600～910	150		33.0	15.8
	WBH900		900～1250			43.0	20.5





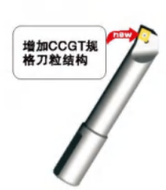
规格 Specifcations

型号 Tape	镗孔范围 ∅(Dmm)	有效长 Z	组合内容 Tool Connection LBK刀杆 LBK shank	WBH刀头 WBH boring head	接合型号 LBK No	全长 L	刀杆长 L1	刀杆外径 D1	重量KG 合金钢 Alloy Steel	铝合金 Aluminum Alloy
BT50–WBH200–230	200～310	185	BT50–BST–100	WBH200	BST	230	100	95	14.8	12.1
BT50–WBH200–280		235	BT50–BST–150			280	150		16.5	13.8
BT50–WBH200–330		285	BT50–BST–200			330	200		19.2	16.5
BT50–WBH200–380		335	BT50–BST–250			380	250		21.2	18.5
BT50–WBH200–430		385	BT50–BST–300			430	300		23.2	20.5
BT50–WBH200–480		435	BT50–BST–350			480	350		25.2	22.5
BT50–WBH200–530		485	BT50–BST–400			530	400		27.2	24.5
BT50–WBH300–230	300～410	185	BT50–BST–100	WBH300		230	100		16.8	12.9
BT50–WBH300–280		235	BT50–BST–150			280	150		18.5	14.6
BT50–WBH300–330		285	BT50–BST–200			330	200		21.2	17.3
BT50–WBH300–380		335	BT50–BST–250			380	250		23.2	19.3
BT50–WBH300–430		385	BT50–BST–300			430	300		25.2	21.3
BT50–WBH300–480		435	BT50–BST–350			480	350		27.2	23.3
BT50–WBH300–530		485	BT50–BST–400			530	400		29.2	25.3
BT50–WBH400–230	400～510	185	BT50–BST–100	WBH400		230	100		16.8	13.7
BT50–WBH400–280		235	BT50–BST–150			280	150		20.5	15.4
BT50–WBH400–330		285	BT50–BST–200			330	200		23.2	18.1
BT50–WBH400–380		335	BT50–BST–250			380	250		25.2	20.1
BT50–WBH400–430		385	BT50–BST–300			430	300		27.2	22.1
BT50–WBH400–480		435	BT50–BST–350			480	350		29.2	24.1
BT50–WBH400–530		485	BT50–BST–400			530	400		31.5	26.1
BT50–WBH500–230	500～610	185	BT50–BST–100	WBH500		230	100		20.8	14.5
BT50–WBH500–280		235	BT50–BST–150			280	150		22.5	16.2
BT50–WBH500–330		285	BT50–BST–200			330	200		25.2	18.9
BT50–WBH500–380		335	BT50–BST–250			380	250		27.2	20.9
BT50–WBH500–430		385	BT50–BST–300			430	300		29.2	22.9
BT50–WBH500–480		435	BT50–BST–350			480	350		31.2	24.9
BT50–WBH500–530		485	BT50–BST–400			530	400		33.2	26.9
BT50–WBH600–230	600～910	185	BT50–FMA47.625–75	WBH600	FMA 47.625	230	75	128	40.0	22.8
BT50–WBH900–230	900～1250			WBH900					50.0	27.5

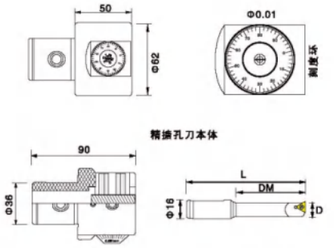
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WBJ16微调精镗孔系统

WBJ16 Fine–tune the Precision Boring System







规格 Specifcations

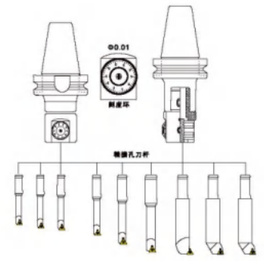
型号 Cat. No	镗孔范围 Boring Range	调整精度 Tuning precision	调整行程 Stroke	重量 Weight (KG)
WBJ 16	Φ6～Φ51	Φ0.01mm/格	6.0mm	1.2

型号 Cat. No	镗孔范围 Boring Range	D	DM	L	适用刀片 Applicable inserts	螺钉 Clamp screw	扳手 spanner	重量 Weight (KG)
SBJ1606–24 (选配)	6～9	16	24	73	WBGT0601..L	M2X4	T6	0.014
SBJ1608–32	8～11		32	80	TBGT0601..L	M2X5		0.077
SBJ1610–40	10～13		40	87				0.082
SBJ1612–53	12～15		53	98	TPGH0902..L	M2.5X6	T8	0.095
SBJ1616–68	16～21		68	110				0.143
SBJ1620–83	20～26		83	125				0.203
SBJ1625–90	25～31		90	128	TPGH1103..L	M3.0X7	T8	0.275
SBJ1630–90	30～41		90	128				0.275
SBJ1640–90	40～51		90	128				0.286

WBJ16 微调精镗孔系统（含8只镗杆）

WBJ16 Fine–tune the Precision Boring System (8PCS)





规格 Specifcations

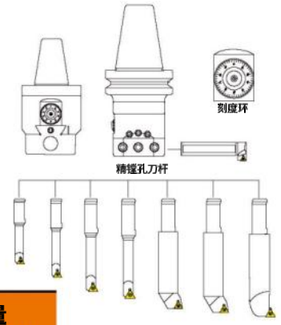
型号 Cat. No	镗孔范围 Boring Range	主轴柄规格 Spinde handle models	镗头型号 Head NO	镗刀杆 Bar keep out	重量 Weight (KG)
BT40–WBJ16–8P	6–51	BT40–LBK6–55	WBJ16	WBJ–16..	9.1
BT50–WBJ16–8P	6–51	BT50–LBK6–65		WBJ–16..	11.7
NT40–WBJ16–8P	6–51	NT40–LBK6–55		WBJ–16..	8.5
NT50–WBJ16–8P	6–51	NT50–LBK6–65		WBJ–16..	10.3
SK40–WBJ16–8P	6–51	SK40–LBK6–55		WBJ–16..	8.9
SK50–WBJ16–8P	6–51	SK50–LBK6–65		WBJ–16..	10.5

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

NBH2084 微调精镗孔系统

NBH2084 Fine-tune the Precision Boring System





规格 Specifcations

型号 Cat. No	镗孔范围 Boring Range	调整精度 Tuning precision	调整行程 Stroke	重量 Weight (KG)
NBH2084	Φ8～Φ280	Φ0.01mm/格	28.0mm	3.0

型号 Cat. No	镗孔范围 Boring Range	D	L1	L	适用刀片 Applicable inserts	螺钉 Clamp screw	扳手 spanner	重量 Weight (KG)
SBJ2008-32	8～11	20	32	80	TBGT0601..L	M2.0X5	T6	0.095
SBJ2010-40	10～13		40	87				0.095
SBJ2012-53	12～17		53	98	TPGH0902..L	M2.5X6	T8	0.12
SBJ2016-68	16～21		68	110				0.16
SBJ2020-83	20～130		83	123	TPGH1103..L	M3.0X7	T8	0.22
SBJ2025-96	25～135		96	137				0.34
SBJ2030-115	30～140		115	152				0.54
SBJ20-L20-100	120～280		84+BTL1	100				0.23

NBH2084 微调精镗孔系统（套装）

NBH2084 Fine-tune the Precision Boring System(Set)





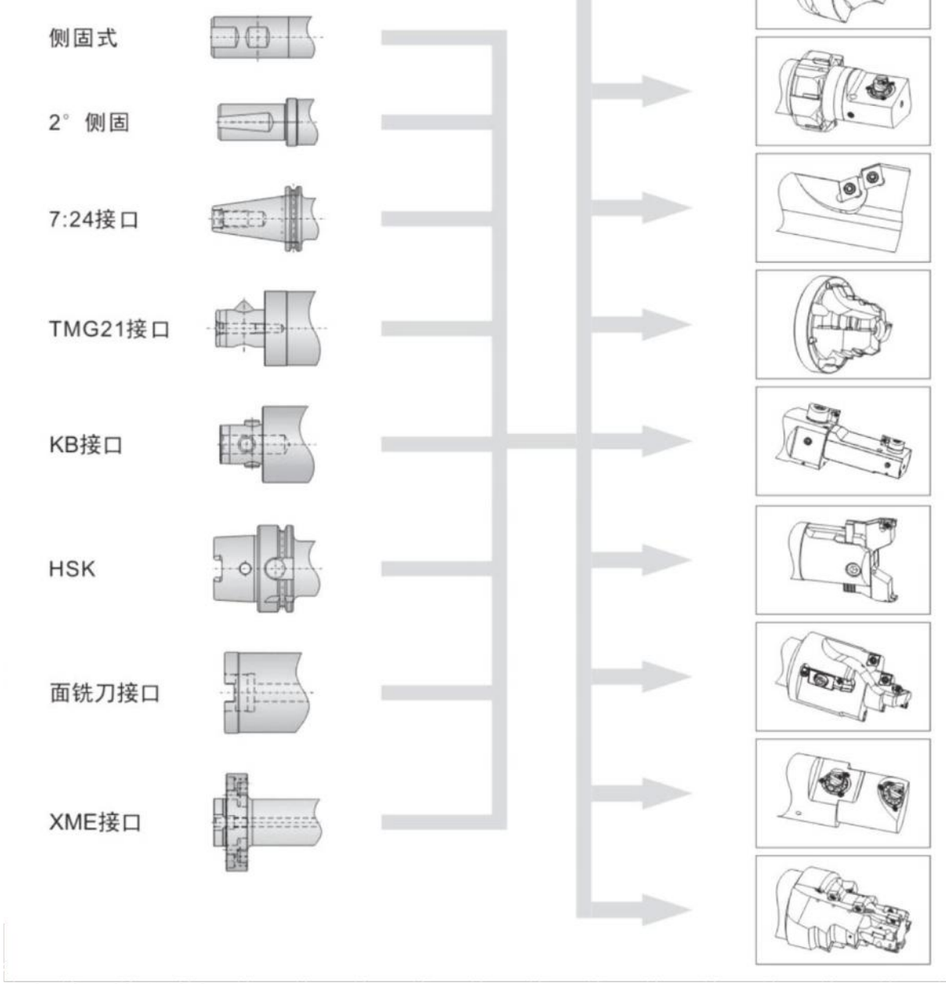


规格 Specifcations

型号 Cat. No	镗孔范围 Boring Range	主轴柄规格 Spinde handle models	镗头型号 Head NO	镗刀杆 Bar keep out	重量 Weight (KG)
BT40-NBH2084-8P	08～280	BT40-NBH-50	NBH2084	WBJ-20..	9.5
BT50-NBH2084-8P	08～280	BT50-NBH-55			12.0
NT40-NBH2084-8P	08～280	NT40-NBH-50			9.3
NT50-NBH2084-8P	08～280	NT50-NBH-55			10.8
SK40-NBH2084-8P	08～280	SK40-NBH-50			9.5
SK50-NBH2084-8P	08～280	SK50-NBH-55			12.0
R8-NBH2084-8P	08～280	R8-NBH-50			10.0

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

可接受以下各种组合非标刀具定制



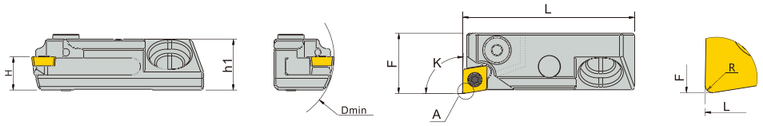
非标镗刀技术特点:

- 任意组合
  各部分在一定范围内可以进行任意组合，形成组合镗削刀具。
- 多种工序
- 多种工序可组合在一把刀具内，并且可在一次进给内完成。
  灵活件
  镗削单元可由刀片、小刀夹、精镗单元等切削单元根据需要任意组合成组合镗刀。

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

微调刀座
Mini Adjustable Cartridge





★ 刀具规格型号　Type of milling tools

型号Type		基本尺寸（mm）Dimension							适用刀片 Suitable Insert
右手型号 Right hand	左手型号 Left hand	K	H	F	L	h1	Dmin	R	
STR90 F16.CC06	**STL90 F16.CC06**	90	8.8	16	45.6	13.5	28	0.4	CC.0602..
STR95 F16.CC06	**STL95 F16.CC06**	95	8.8	16	45.6	13.5	28	0.4	CC.0602..
STR90 F16.TP09	**STL90 F16.TP09**	90	8.8	16	45.6	13.5	28	0.4	TP..0902..
STR95 F16.TP09	**STL95 F16.TP09**	95	8.8	16	45.6	13.5	28	0.4	TP..0902..
STR90 F20.TC11	**STL90 F20.TC11**	90	8.8	20	45.6	13.5	36	0.4	TC..1102..
STR95 F20.TC11	**STL95 F20.TC11**	95	8.8	20	45.6	13.5	36	0.4	TC..1102..
STR90 F20.TP11	**STL90 F20.TP11**	90	8.8	20	45.6	13.5	36	0.4	TP..1103..
STR95 F20.TP11	**STL95 F20.TP11**	95	8.8	20	45.6	13.5	36	0.4	TP..1103..
STR30 F16.DC07	**STL30 F16.DC07**	120	8.8	16	48.5	13.5	28	0.4	DC..0702..

- 刀片请根据不同材料单独订购。Inserts with different materials should be ordered separately
- 常备库存有左手和右手型号。There are right and left hand specifi cations available in stock.
- 微调精度直径 0.01mm、半径 0.005mm。The adjustment: 0.01 mm on diameter and 0.005mm on radius.
- 径向最大调整量直径 0.6mm, 轴向调整量 1mm。The adjustment range: 0.6mm on diameter by radial direction, 1 mm on diameter by axial direction.

备件
Spare Parts

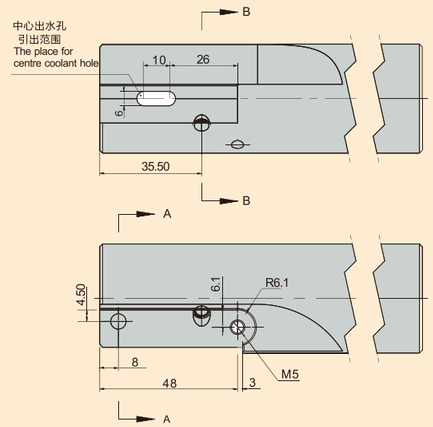
刀片型号 Insert	刀片锁紧螺钉 Clamping screw insert	轴向调整螺钉 Axial adjusting screw	刀座锁紧螺钉 Clamping screw for cartridge	轴向调节环 Axial adjusting ring	刀片锁紧扳手 Allen key for clamping screw	径向调整扳手 Allen key for radial adjusting	压紧扳手 Allen key for clamping	径向调整扳手 Axial key for radial adjusting
CC..0602..	SR21 M2.5x5.3	SR57 M5X16	SR55 M5x20	HFX.3	KEY02 T7	KEY01 M2.5	KEY01 M4	KEY01 M3
TP..0902..	SR22 M2.5x6	SR57 M5X16	SR55 M5x20	HFX.3	KEY02 T8	KEY01 M2.5	KEY01 M4	KEY01 M3
TC..1102..	SR21 M2.5x5.3	SR57 M5X16	SR55 M5x20	HFX.3	KEY02 T7	KEY01 M2.5	KEY01 M4	KEY01 M3
TP..1103..	SR22 M3x6	SR57 M5X16	SR55 M5x20	HFX.3	KEY02 T8	KEY01 M2.5	KEY01 M4	KEY01 M3

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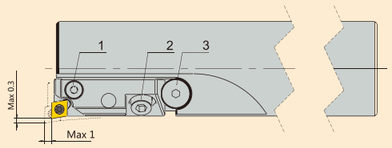
微调刀座安装尺寸
Assembly Instruction for Mini Adjustable Cartridge

图示按照右手 R.H 刀座的方向设置。The figure is for the right hand specification.
使用左手 L.H 刀座时请按照镜像的方式设置。For the left hand specification, please refer to the opposite figure. Setting Instruction

刀座安装尺寸
Assembly Instruction



刀座调节方法
Adjustment Instruction



1.径向微调螺钉
2.刀座锁紧螺钉
3.轴向调节螺钉

1.Radial adjusting screw
2.Lock screw for cartridge
3.Axial adjusting screw

轴向调节方法
Adjusting on axial direction

- 稍微松开刀座锁紧螺钉 2。
- 顺时针旋转轴向调节螺钉 3，刀座向前移动至需要的尺寸。
- 夹紧刀座锁紧螺钉 2。

- Loosening the 2# lock screw lightly.
- Rotating the 3# axial adjusting screw on the anticlockwise direction, so that the cartridge can be moved forward to the required size.
- Tightening the 2# lock screw firmly.

注意：如果刀座需要向后调节，应当松开刀座锁紧螺钉，并把刀座移动到最后面，然后逐渐向前调节直到需要的尺寸。

Note: If the cartridge should be moved backward, please loosen the lock screw, and then move the cartridge to the back, finally adjust the cartridge to forward little by little to meet the required size.

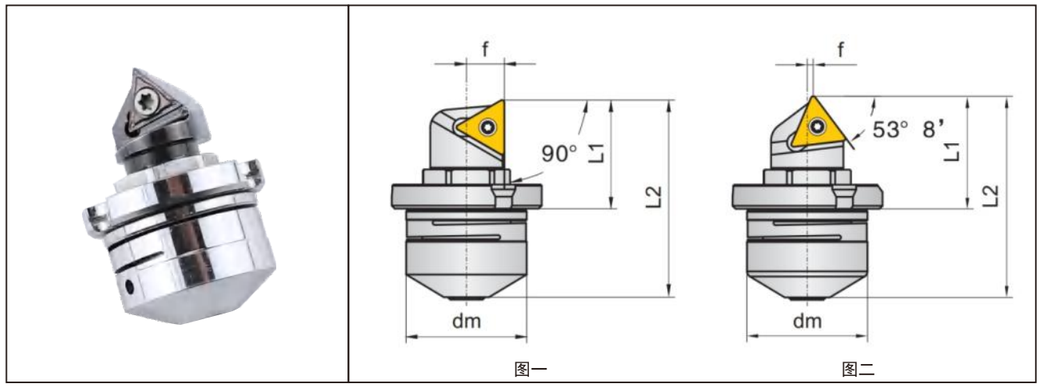
刀具直径调节方法
Adjusting on radial direction

- 顺时针方向旋转径向调节螺钉 1．刀具直径逐渐变大。
- 逆时针方向旋转径向调节螺钉 1．刀具直径逐渐变小。
- 径向微调螺钉调节是每旋转一个刻度，刀具直径变化 0.01mm。

- Rotating the 1# radial adjusting screw on the clockwise direction, so that the diameter of tool will be larger and larger.
- Rotating the 1# radial adjusting screw on the anticlockwise direction, so that the diameter of tool will be smaller and smaller.
- The adjustment on diameter: 0.01mm as per dial.

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

R/L 148C 精镗单元



图一　　图二

★ 调节量（尺寸）：0.02mm/格　　左手刀图例

型号 Type	基本尺寸（mm）Dimension						刀片 Insert	螺钉 Screw	扳手 Wrench	
	dm	l1	l2min	f	Dmin	Rmax				
L148C-11-0602	16	10.1	24.1	5.1	27.6	2.5	CC..060204	L60 M2.5X5.2	T8	图一
L148C-12-0902	20	14.3	32.9	6.3	37.1	3.5	TC..090204	L60 M2.2X5.0	T6	
L148C-13-1102	22	17.1	44.3	7.2	49.1	6	TC..110204	L60 M2.5X5.2	T8	
L148C-14-16T3	32	25.7	62.7	10.3	69	10	TC..16T308	L60 M4X8	T15	
L148C-31-0602	16	11.3	25.15	0.45	25.9	2	CC..060204	L60 M2.5X5.2	T8	图二
L148C-32-0902	20	15.3	33.7	0.9	33.1	2.8	TC..090204	L60 M2.2X5.0	T6	
L148C-33-1102	22	18	45.3	1.1	42.6	4.8	TC..110204	L60 M2.5X5.2	T8	
L148C-34-16T3	32	27	62.3	1.2	60	8	TC..16T308	L60 M4X8	T15	

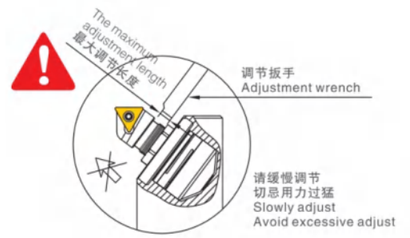
· L2 系刀尖圆弧为r=0 时尺寸
· 定货示例：1件L148C-11-0602

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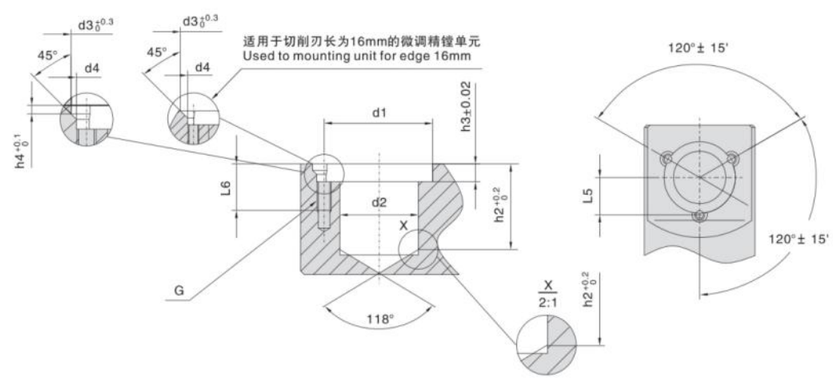
R/L 148C 精镗单元

特点：
- 能加工盲孔
- 从前端调整
- 镗头具有自锁性，即在调整前不需解锁，调整后不需锁紧。

注意：
- 调整倾斜安装精镗单元时，调整刀具径向尺寸时，刀具轴向位移量=径向位移量/tan 53° 8′
- 不要将精镗单元调出相应精镗单元的最大调整范围，如果超出调整范围，精镗单元可能因此而损坏。



精镗单元安装尺寸



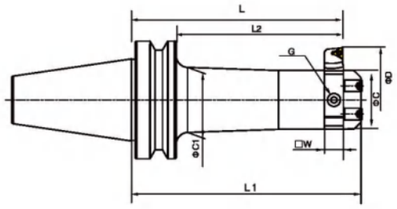
型号	h2	h3	h4	d1	d2	d3	d4	G	l6	l5
L148C-xx-0602	11.5	2.8	1.9	19	16	4.6	3.2	M3	9	9.8±0.02
L148C-xx-0902	15.5	4.0	1.6	25	20	4.6	3.2	M3	9	12.5±0.02
L148C-xx-1102	24.0	5.0	1.8	30	22	6.5	4.3	M4	13	15.4±0.02
L148C-xx-16T3	33.0	6.3	–	46	32	11.9	5.4	M5	16	23.0±0.02

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BT-BSB 90° 直角粗镗刀

BT-BSB 90 ° angle Rough Boring Tool





型号 Cat. No	范围 ϕD min	范围 ϕD max	L	L1	L2	L3	ϕC	ϕC1	W	G	净重 KG
BT40-BSB 25-135	25	52	135	150	105	50	20	22	8	M8	1.5
BT40-BSB 38-165	38	70	165	180	135	70	30	33	10	M10	2.0
BT40-BSB 50-165	50	90	165	180	135	85	40	44	13	M10	2.8
BT40-BSB 50-210	50	90	210	225	180	85	40	44	13	M10	3.3
BT40-BSB 62-165	62	115	165	180	135	---	50	---	16	M10	4.0
BT40-BSB 62-225	62	115	225	240	195	95	50	56	16	M10	5.0
BT40-BSB 72-165	72	135	165	180	135	---	60	---	19	M10	4.8
BT40-BSB 72-225	72	135	225	240	195	---	60	---	19	M10	6.1
BT40-BSB 90-165	90	150	165	180	135	60	75	---	19	M12	7.1
BT40-BSB 90-210	90	150	210	225	180	60	75	---	19	M12	9.0
BT50-BSB 25-135	25	52	135	150	92	50	20	22	8	M8	4.3
BT50-BSB 38-180	38	70	180	195	137	70	30	32	10	M10	4.9
BT50-BSB 50-180	50	90	180	195	137	85	40	44	13	M10	5.5
BT50-BSB 50-240	50	90	240	255	197	85	40	44	13	M10	5.8
BT50-BSB 62-195	62	115	195	210	152	95	50	56	16	M10	6.4
BT50-BSB 62-270	62	115	270	285	227	95	50	56	16	M10	7.8
BT50-BSB 72-195	72	135	195	210	152	110	60	66	19	M10	7.3
BT50-BSB 72-285	72	135	285	300	242	110	60	66	19	M10	9.6
BT50-BSB 90-210	90	150	210	225	167	130	75	80	19	M12	9.7
BT50-BSB 90-300	90	150	300	315	257	130	75	80	19	M12	12.8
BT50-BSB105-195	105	190	195	210	152	---	90	---	25	M12	11.4
BT50-BSB105-285	105	190	285	300	242	150	90	94	25	M12	15.7

粗镗刀适于通孔，也可用来反镗

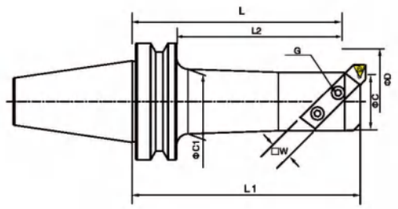
Bo ring Bar for rough cutting best suiting through-hole boring. Also app " cable to counter bore spot facing ·

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BT-BSA 45° 斜角粗镗刀

BT-BSA 45 ° oblique angle rough boring tool





型号 Cat. No	范围 ϕD min	范围 ϕD max	L	L1	L2	L3	ϕC	ϕC1	W	G	净重 KG
BT30-BSA25-120	25	38	120	92	---	1	20	---	8	M6	0.8
BT30-BSA30-150	30	42	150	121	---	1.6	24	---	8	M6	1.0
BT30-BSA38-165	38	52	165	135	---	2.6	30	---	10	M8	1.4
BT30-BSA42-165	42	56	165	138	---	2	34	---	10	M8	1.7
BT40-BSA25-135	25	38	135	105	35	1	20	22	8	M6	1.4
BT40-BSA30-135	30	42	135	105	40	1.6	24	26	8	M6	1.6
BT40-BSA 38-165	38	52	165	133	50	2.6	30	33	10	M8	2.9
BT40-BSA42-180	42	56	180	148	60	2	34	37	10	M8	2.4
BT40-BSA50-165	50	65	165	133	65	3	40	44	13	M10	3.7
BT40-BSA50-210	50	65	210	178	65	3	40	44	13	M10	3.2
BT40-BSA62-165	62	90	165	133	---	2	50	---	16	M10	4.9
BT40-BSA62-225	62	90	225	193	80	2	50	56	16	M10	4.8
BT40-BSA72-165	72	110	165	---	---	2.4	60	---	19	M10	5.5
BT40-BSA72-225	72	110	225	---	---	2.4	60	---	19	M10	6.8
BT40-BSA90-165	90	125	165	133	60	4	75	---	19	M12	10.2
BT50-BSA25-135	25	38	135	92	35	1	20	22	8	M6	4.2
BT50-BSA30-165	30	42	165	122	40	1.6	24	26	8	M6	4.4
BT50-BSA38-180	38	52	180	137	50	2.6	30	33	10	M8	4.8
BT50-BSA42-210	42	56	210	167	60	2	34	37	10	M8	5
BT50-BSA50-180	50	65	180	137	65	3	40	44	13	M10	5.4
BT50-BSA50-240	50	65	240	197	65	3	40	44	13	M10	5.7
BT50-BSA62-195	62	90	195	152	80	2	50	56	16	M10	6.2
BT50-BSA62-270	62	90	270	227	80	2	50	56	16	M10	7.6
BT50-BSA72-195	72	110	195	152	95	2.4	60	66	19	M10	7
BT50-BSA72-285	72	110	285	242	95	2.4	60	66	19	M10	9.3
BT50-BSA90-210	90	125	210	167	110	4	75	80	19	M12	9.2
BT50-BSA90-300	90	125	300	257	110	4	75	80	19	M12	12.3
BT50-BSA105-195	105	160	195	---	---	3	90	---	25	M12	10.7
BT50-BSA105-285	105	160	285	---	130	3	90	94	25	M12	15

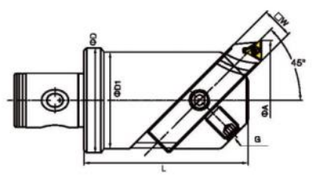
粗镗刀、适于通孔及盲孔加工
滑槽与刀刃平行
镗刀头单独定购
注意D的最小尺寸与L. L1. L2

Boring Bar rough cutting beart suiting through-hole and blind hole borings
- The same location of drive key and cunina edae.
- Please order boring bite separately.
- Dimensjon of L，L1，L2 criteria，when D is minimum dimension.

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

BSA 斜角型镗头
BSA bevel-type sugar head

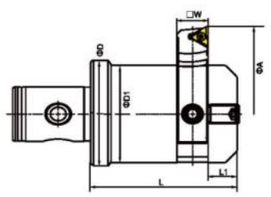




型号 Cat. No	镗孔范围 Boring Range		尺寸 Size					
	ΦA min	ΦA max	ΦD	ΦD1	L	E	□W	G
BSA30-LBK2	Φ30	Φ42	24	24	40	1.6	8	M6x1.00P
BSA38-LBK3	Φ38	Φ52	31	60	60	2.6	10	M8x1.25P
BSA50-LBK4	Φ50	Φ65	42	40	70	3	13	M10x1.50P
BSA62-LBK5	Φ62	Φ90	55	50	85	2	16	M12x1.75P
BSA72-LBK6	Φ72	Φ110	63	60	98	2.4	19	M12x1.75P

BSB 斜角型镗头
BSB bevel-type sugar head



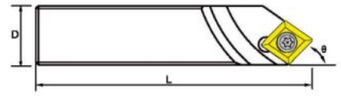


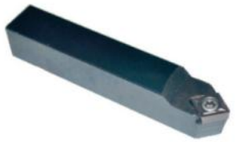
型号 Cat. No	镗孔范围 Boring Range		尺寸 Size					
	ΦA min	ΦA max	ΦD	ΦD1	L	L1	□W	G
BSB25-LBK2	Φ26	Φ52	24	20	45	10	8	M6x1.00P
BSB38-LBK3	Φ38	Φ70	31	30	55	10	10	M8x1.25P
BSB50-LBK4	Φ50	Φ90	42	40	60	10	13	M10x1.50P
BSB62-LBK5	Φ62	Φ115	55	50	70	12	16	M12x1.75P
BSB72-LBK6	Φ72	Φ135	63	60	85	12	19	M12x1.75P

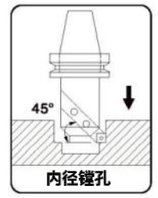
了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

CBS 刀夹
CBS turner

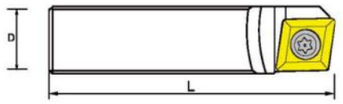
适用于BSA、BSB粗镗刀，适合重切削加工
For BSA, BSB coarse sugar cutter, suitable for heavy machining



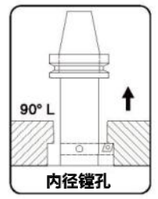




型号 Cat. No	D	L	角度 Angle	刀片规格 Insert	螺丝 Clamp Screw	扳手 Wrench
CBS-408	8	50	45°	CCMT0602	M2.5-6.0-3.5-60	T9
CBS-410	10	60		CCMT09T3	M4-10-5.7-60	T15
CBS-413	13	70				
CBS-416	16	100				
CBS-419	19	150				
CBS-425	25	150				
CBS-908	8	50	90°	CCMT0602	M2.5-6.0-3.5-60	T9
CBS-910	10	60		CCMT09T3	M4-10-5.7-60	T15
CBS-913	13	70				
CBS-916	16	100				
CBS-919	19	150				
CBS-925	25	150				





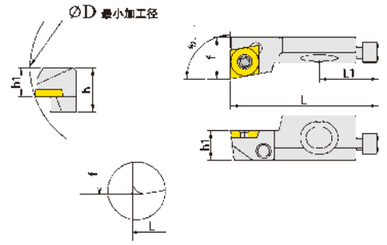


型号 Cat. No	D	L	角度 Angle	刀片规格 Insert	螺丝 Clamp Screw	扳手 Wrench
CBS908L	8	50	90°	CCMT0602	M2.5-6.0-3.5-60	T9
CBS910L	10	60				
CBS913L	13	70		CCMT09T3	M4-10-5.7-60	T15
CBS916L	16	100				
CBS919L	19	150				

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SCF◇R/L

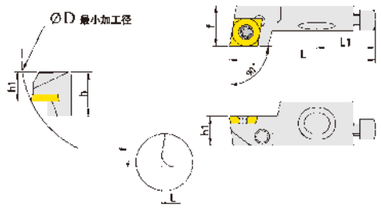




型 号 Model		ØD	h	f	L	L1	h1	螺 丝 Screw	螺丝GD Screw GD	螺丝TJLS Screw TJLS	螺丝DJ Screw DJ	扳 手 Wrench
SCFPR/L 06CA-05	CP□□050204	20	8.5	8	25	12	6	M2.2×5	03510	03009	03006	T6
SCFCR/L 08CA-06	CC□□060204	25	10	10	32	17	8	M2.5×6	04016	04012		T8
SCFCR/L 10CA-09	CC□□09T308	40	15	14	50	20	10	M3.5×8	06020		04008	T15

SCG◇R/L



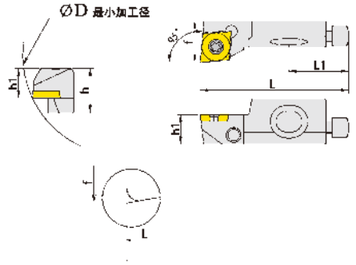


型 号 Model		ØD	h	f	L	L1	h1	螺 丝 Screw	螺丝GD Screw GD	螺丝TJLS Screw TJLS	螺丝DJ Screw DJ	扳 手 Wrench
SCGPR/L 06CA-05	CP□□050204	20	8.5	8	25	12	6	M2.2×5	03510	03009	03006	T6
SCGCR/L 08CA-06	CC□□060204	25	10	10	32	17	8	M2.5×6	04016	04012		T8
SCGCR/L 10CA-09	CC□□09T308	40	15	14	50	20	10	M3.5×8	06020		04008	T15

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SCL◇R/L

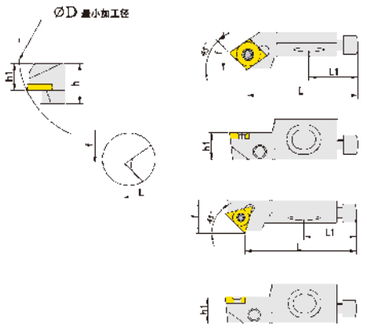




型 号 Model		ØD	h	f	L	L1	h1	螺 丝 Screw	螺丝GD Screw GD	螺丝TJLS Screw TJLS	螺丝DJ Screw DJ	扳 手 Wrench
SCLPR/L 06CA-05	CP□□050204	20	8.5	8	25	12	6	M2.2×5	03510	03009	03006	T6
SCLCR/L 08CA-06	CC□□060204	25	10	10	32	17	8	M2.5×6	04016	04012		T8
SCLCR/L 10CA-09	CC□□09T308	40	15	14	50	20	10	M3.5×8	06020		04008	T15
SCLCR/L 12CA-12	CC□□120408	50	20	20	55	20	12	M5×12	06025	05014	04012	T20

S◇S◇R/L



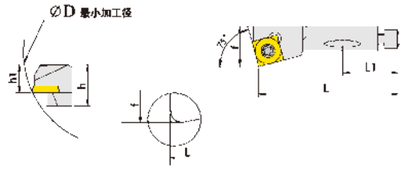


型 号 Model		ØD	h	f	L	L1	h1	螺 丝 Screw	螺丝GD Screw GD	螺丝TJLS Screw TJLS	螺丝DJ Screw DJ	扳 手 Wrench
SCSPR/L 06CA-05	CP□□050204	20	8.5	8	21.4	12	6	M2.2×5	03510	03009	03006	T6
SCSCR/L 08CA-06	CC□□060204	25	10	10	28	17	8	M2.5×6	04016	04012		T8
SCSCR/L 10CA-09	CC□□09T308	40	15	14	44	20	10	M3.5×8	06020		04008	T15
STSCR/L 08CA-09	TC□□090204	25	10	10	33.5	17	8	M2.2×6	04016	04012	03006	T6
STSCR/L 10CA-11	TC□□110204	40	15	14	44	20	10	M2.5×6	06020	04012	04008	T8
STSCR/L 12CA-16	TC□□16T308	50	20	20	47	20	12	M3.5×8	06025	05014	04012	T15
STSCR/L 16CA-16		55	21	25	53	25	16		08030	06019		

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S◇KCR/L

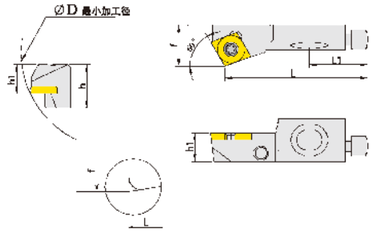




型 号 Model		ØD	h	f	L	L1	h1	螺 丝 Screw	螺丝GD Screw GD	螺丝TJLS Screw TJLS	螺丝DJ Screw DJ	扳 手 Wrench
SCKCR/L 08CA-06	CC□□060204	25	10	10	32	17	8	M2.5*6	04016	04012	03006	T8
SSKCR/L 10CA-09	SC□□09T308	40	15	14	50	20	10	M3.5*8	06020		04008	T15
SSKCR/L 12CA-12	SC□□120408	50	20	20	55	20	12	M5*12	06025	05014	04012	T20
SSKCR/L 16CA-12		55	21	25	63	25	16		08030	06019		

SCW◇R/L



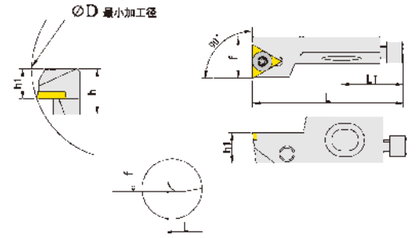


型 号 Model		ØD	h	f	L	L1	h1	螺 丝 Screw	螺丝GD Screw GD	螺丝TJLS Screw TJLS	螺丝DJ Screw DJ	扳 手 Wrench
SCWPR/L 06CA-05	CP□□050204	20	8.5	8	22.7	12	6	M2.2*5	03510	03009	03006	T6
SCWCR/L 08CA-06	CC□□060204	25	10	10	29	17	8	M2.5*6	04016	04012		T8

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STFCR/L

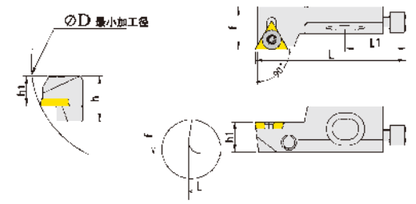




型 号 Model		ØD	h	f	L	L1	h1	螺 丝 Screw	螺丝GD Screw GD	螺丝TJLS Screw TJLS	螺丝DJ Screw DJ	扳 手 Wrench
STFCR/L 08CA-09	TC□□090204	25	10	10	32	17	8	M2.5*6	04016	04012	03006	T8
STFCR/L 10CA-11	TC□□110204	40	15	14	50	20	10		06020		04008	
STFCR/L 12CA-16	TC□□16T308	50	20	20	55	20	12	M3.5*8	06025	05014	04012	T15
STFCR/L 16CA-16		55	21	25	63	25	16		08030	06019		

STGCR/L





型 号 Model		ØD	h	f	L	L1	h1	螺 丝 Screw	螺丝GD Screw GD	螺丝TJLS Screw TJLS	螺丝DJ Screw DJ	扳 手 Wrench
STGCR/L 08CA-09	TC□□090204	25	10	10	32	17	8	M2.5*6	04016	04012	03006	T8
STGCR/L 10CA-11	TC□□110204	40	15	14	50	20	10		06020		04008	
STGCR/L 12CA-16	TC□□16T308	50	20	20	55	20	12	M3.5*8	06025	05014	04012	T15
STGCR/L 16CA-16		55	21	25	63	25	16		08030	06019		

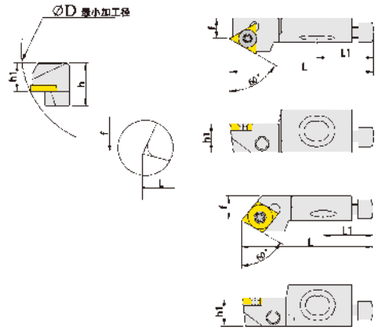
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SANT 数控刀具

模块式镗刀 Modular Boring Tool

STTCR/L

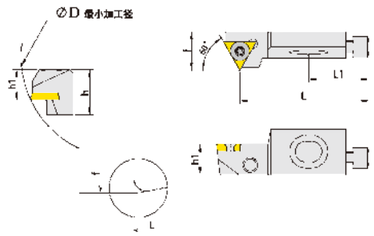




型 号 Model		∅D	h	f	L	L1	h1	螺 丝 Screw	螺丝GD Screw GD	螺丝TJLS Screw TJLS	螺丝DJ Screw DJ	扳 手 Wrench
STTCR/L 10CA-11	TC□□110204	40	15	9	50	20	10	M2.5×6	06020	04012	04008	T8
STTCR/L 12CA-16	TC□□16T308	50	20	13	55	20	12	M3.5×8	06025	05014	04012	T15
STTCR/L 16CA-16		55	21	15	63	25	16		08030	06019		
SCTPR/L 06CA-05	CP□□050204	20	8.5	5.5	25	12	6	M2.2×5	03510	03009	03006	T6
SCTCR/L 08CA-06	CC□□060204	25	10	6	32	17	8	M2.5×6	04016	04012		T8

STWCR/L





型 号 Model		∅D	h	f	L	L1	h1	螺 丝 Screw	螺丝GD Screw GD	螺丝TJLS Screw TJLS	螺丝DJ Screw DJ	扳 手 Wrench
STWCR/L 10CA-11	TC□□110204	40	15	14	44	20	10	M2.5×6	06020	04012	04008	T8
STWCR/L 12CA-16	TC□□16T308	50	20	20	47	20	12	M3.5×8	06025	05014	04012	T15
STWCR/L 16CA-16		55	21	25	53	25	16		08030	06019		

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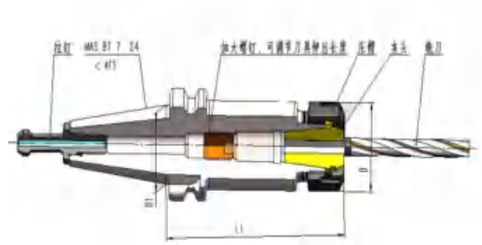
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扳手 SPANNER P333

BT锥数控铣夹头刀柄 MILLING CHUCK ARBORS





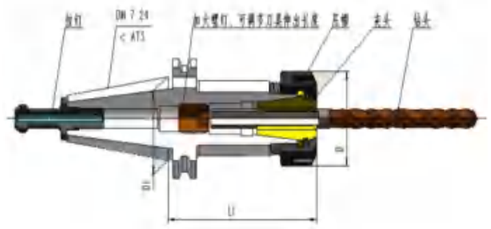
★:刀柄采用进口高强度材质，经特殊处理后产品具有高耐磨性
★:用于加工中心或数控机床的专用刀柄
★:订购时需注明刀柄标型号。如需中心进水与法兰盘侧面进水冷却的刀柄，请标明AD/B型，如BT40AD/BxER32—70
★:使用时夹头必须先装入压帽，再装入刀具，然后锁固入刀柄体
★:可提供动平衡刀柄，动平衡标准精度为G6.3/12000rpm，精密精度为G2.5/20000rpm，订购时请注明
★: The holder is made of imported high strength material and has high wear resistance after special treatment
★: Special tool holder for machining center or CNC machine
★:When order please indicate the hilt the concrete form. If needs in the center cold and the flange water leakage hilt, please mark AD/B.
★:First put the collet into the nut, then the drill bit into collet , and finally tighten thenutto lock the holder
★:According to needs to be possible to provide the balanced hilt, the standard precision is G6.3/12000rpm, the precise precision is G2.5/20000rpm.

型 号 Model No. BT — ER—L1	D mm	D1 mm	型 号 Model No. BT — ER—L1	D mm	D1 mm
BT30—ER16—70	28	31.75	BT45— ER25—70	42	57.15
BT30— ER20—70	34	31.75	BT45— ER25—100	42	57.15
BT30— ER25—70	42	31.75	BT45— ER32—70	50	57.15
BT30— ER32—70	50	31.75	BT45— ER32—100	50	57.15
BT30— ER40—80	63	31.75	BT45— ER32—120	50	57.15
BT40— ER16—70	28	44.45	BT45— ER40—80	63	57.15
BT40— ER20—70	34	44.45	BT45— ER40—100	63	57.15
BT40— ER20—100	34	44.45	BT45— ER40—120	63	57.15
BT40— ER20—150	34	44.45	BT50— ER16—70	28	69.85
BT40— ER25—60	42	44.45	BT50— ER16—90	28	69.85
BT40— ER25—70	42	44.45	BT50— ER20—70	34	69.85
BT40— ER25—100	42	44.45	BT50— ER20—150	34	69.85
BT40— ER25—150	42	44.45	BT50— ER25—70	42	69.85
BT40— ER32—70	50	44.45	BT50— ER32—70	50	69.85
BT40— ER32—100	50	44.45	BT50— ER32—80	50	69.85
BT40— ER32—150	50	44.45	BT50— ER32—100	50	69.85
BT40— ER40—70	63	44.45	BT50— ER32—120	50	69.85
BT40— ER40—80	63	44.45	BT50— ER40—80	63	69.85
BT40— ER40—150	63	44.45	BT50— ER40—100	63	69.85
BT40— ER50—100	78	44.45	BT50— ER40—120	63	69.85

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DIN69871数控铣夹头刀柄 MILLING CHUCK ARBORS





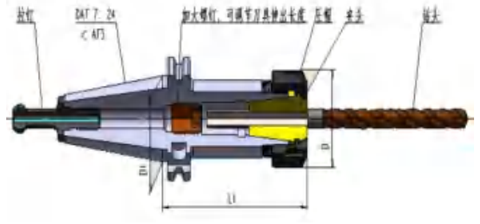
★:刀柄采用进口高强度材质，经特殊处理后产品具有高耐磨性
★:用于加工中心或数控机床的专用刀柄
★:订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，请标明AD/B型，如DIN69871.40AD/B—ER32—70
★:使用时夹头必须先装入压帽，再装入刀具，接着锁固入刀柄体
★:根据需要可提供动平衡刀柄，动平衡标准精度为G6.3/12000rpm，精密精度为G2.5/20000rpm，订购时请注明
★: The holder is made of imported high strength material and has high wear resistance after special treatment
★: Special tool holder for machining center or CNC machine
★:When order please indicate the hilt the concrete form. If needs in the center cold and the flange water leakage hilt, please mark AD/B.
★:First put the collet into the nut, then the drill bit into collet , and finally tighten the nutto lock the holder
★:According to needs to be possible to provide the balanced hilt, the standard precision is G6.3/12000rpm, the precise precision is G2.5/20000rpm.

型 号 Model No. DIN69871.A—ER—L_1	D mm	D_1 mm	型 号 Model No. DIN69871.A—ER—L_1	D mm	D_1 mm
DIN69871.A30— ER11—70	19	31.75	DIN69871.A40— ER40—80	63	44.45
DIN69871.A30— ER16—63	28	31.75	DIN69871.A40— ER40—100	63	44.45
DIN69871.A30— ER20—63	34	31.75	DIN69871.A40— ER40—150	63	44.45
DIN69871.A30— ER25—63	42	31.75	DIN69871.A40— ER50—100	78	44.45
DIN69871.A40— ER11—100	19	44.45	DIN69871.A50— ER16—70	28	69.85
DIN69871.A40— ER16—63	28	44.45	DIN69871.A50— ER16—100	28	69.85
DIN69871.A40— ER16—70	28	44.45	DIN69871.A50— ER20—70	34	69.85
DIN69871.A40— ER16—100	28	44.45	DIN69871.A50— ER20—100	34	69.85
DIN69871.A40— ER20—70	34	44.45	DIN69871.A50— ER25—70	42	69.85
DIN69871.A40— ER20—100	34	44.45	DIN69871.A50— ER25—100	42	69.85
DIN69871.A40— ER25—50	42	44.45	DIN69871.A50— ER25—150	42	69.85
DIN69871.A40— ER25—70	42	44.45	DIN69871.A50— ER32—80	50	69.85
DIN69871.A40— ER25—100	42	44.45	DIN69871.A50— ER32—100	50	69.85
DIN69871.A40— ER25—150	42	44.45	DIN69871.A50— ER40—80	63	69.85
DIN69871.A40— ER32—70	50	44.45	DIN69871.A50— ER40—120	63	69.85
DIN69871.A40— ER32—100	50	44.45	DIN69871.A50— ER50—100	78	69.85
DIN69871.A40— ER32—150	50	44.45	DIN69871.A50— ER50—150	78	69.85

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CAT锥数控铣夹头刀柄 MILLING CHUCK ARBORS





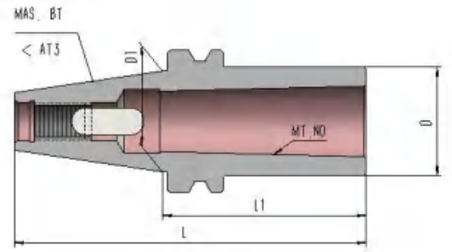
★:刀柄采用进口高强度材质，经特殊处理后产品具有高耐磨性
★:用于加工中心或数控机床的专用刀柄
★:根据需要可提供动平衡刀柄，动平衡标准精度为G6.3/12000rpm，精密精度为G2.5/20000rpm，订购时请注明 具体精度
★:使用时夹头必须先装入压帽，再装入刀具，接着锁固入刀柄体
★:夹头有弹性，止水，刚性攻牙等可供选择
★: The holder is made of imported high strength material and has high wear resistance after special treatment
★: Special tool holderfor machining centers or CNC machine tools
★:According to needs to be possible to provide the balanced hilt, the standard precision is G6.3/12000rpm,the precise precision is G2.5/20000rpm.
★:First put the collet into the nut, then the drill bit into collet , and finally tighten thenutto lock the holder
★: Collet has spring ,sealed-up,tapping , etc.

型 号 Model No. CAT — ER—L1	D mm	D1 mm	型 号 Model No. CAT — ER—L1	D mm	D1 mm
CAT40—ER16—63	28	44.45	CAT40—ER50—80	78	44.45
CAT40—ER16—70	28	44.45	CAT40—ER50—100	78	44.45
CAT40—ER16—100	28	44.45	CAT50—ER16—70	28	69.85
CAT40—ER16—150	28	44.45	CAT50—ER16—90	28	69.85
CAT40—ER20—70	34	44.45	CAT50—ER16—100	28	69.85
CAT40—ER20—100	34	44.45	CAT50—ER20—90	34	69.85
CAT40—ER20—150	34	44.45	CAT50—ER20—100	34	69.85
CAT40—ER25—70	42	44.45	CAT50—ER20—150	34	69.85
CAT40—ER25—100	42	44.45	CAT50—ER25—100	42	69.85
CAT40—ER25—150	42	44.45	CAT50—ER25—150	42	69.85
CAT40—ER32—70	50	44.45	CAT50—ER32—70	50	69.85
CAT40—ER32—100	50	44.45	CAT50—ER32—80	50	69.85
CAT40—ER32—150	50	44.45	CAT50—ER32—100	50	69.85
CAT40—ER40—70	63	44.45	CAT50—ER40—80	63	69.85
CAT40—ER40—80	63	44.45	CAT50—ER40—100	63	69.85
CAT40—ER40—100	63	44.45	CAT50—ER50—90	78	69.85
CAT40—ER40—150	63	44.45	CAT50—ER50—100	78	69.85

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BT锥数控莫氏变径套(扁尾型) MORSE TAPER(WITH TANG)





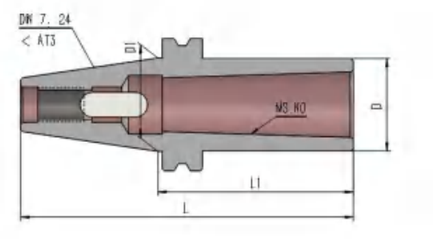
★:刀柄采用进口高强度材质，经特殊处理后产品具有高耐磨性
★:外锥柄连接于数控机床，内锥连接不同型号的莫式变径套
★:订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，请标明AD/B型， 如BT40AD/B—MTA3—75
★:根据需要可提供动平衡刀柄，动平衡标准精度为G6.3/12000rpm，精密精度为G2.5/20000rpm，订购时请注明具体精度
★: The holder is made of imported high strength material and has high wear resistance after special treatment
★: The external taper shank is connected to the CNC machine tool, the inner cone is connected to different types of MT sleeve
★:When order please indicate the hilt the concrete form. If needs in the center cold and the flange water leakage hilt, please mark AD/B.
★:According to needs to be possible to provide the balanced hilt, the standard precision is G6.3/12000rpm, the precise precision is G2.5/20000rpm.

型 号 Model No. BT— MT.NO.—L1	L mm	D mm	D1 mm	重 量 Wt(kg)
BT30— MTA1—45	93.4	25	31.75	0.55
BT30— MTA2—60	108.4	32	31.75	0.90
BT30— MTA3—80	128.4	40	31.75	0.90
BT40— MTA1—45	110.4	25	44.45	1.20
BT40— MTA2—50	115.4	32	44.45	1.55
BT40— MTA2—60	125.4	32	44.45	1.65
BT40— MTA3—70	135.4	40	44.45	1.80
BT40— MTA4—90	155.4	48	44.45	2.30
BT40— MTA4—95	160.4	48	44.45	2.40
BT40— MTA4—165	230.4	48	44.45	2.65
BT45— MTA1—120	202.8	25	57.15	1.90
BT45— MTA2—120	202.8	32	57.15	2.30
BT45— MTA3—120	202.8	40	57.15	2.40
BT50— MTA1—50	151.8	25	69.85	4.10
BT50— MTA2—50	151.8	32	69.85	4.00
BT50— MTA2—60	161.8	32	69.85	4.20
BT50— MTA2—135	236.8	32	69.85	4.30
BT50— MTA3—65	166.8	40	69.85	4.20
BT50— MTA3—135	236.8	40	69.85	4.40
BT50— MTA3—150	251.8	40	69.85	4.68
BT50— MTA4—95	196.8	48	69.85	5.00
BT50— MTA5—105	206.8	63	69.85	5.00

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DIN69871 数控莫氏变径套(扁尾型) MORSE TAPER WITH TANG





★:刀柄采用进口高强度材质，经特殊处理后产品具有高耐磨性
★:外锥柄连接于数控机床，内锥连接不同型号的莫式变径套
★:订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，请标明AD/B型，如DIN69871.40AD/B × MT3—75
★:根据需要可提供动平衡刀柄，标准精度为G6.3/12000rpm，精密精度为G2.5/20000rpm，订购时请注明具体精度

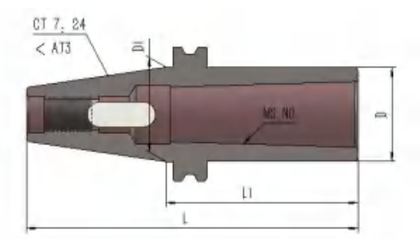
★: The holder is made of imported high strength material and has high wear resistance after special treatment
★: The external taper shank is connected to the CNC machine tool, the inner cone is connected to different types of MT sleeve
★:When order please indicate the hilt the concrete form. If needs in the center cold and the flange water leakage hilt, please mark AD/B.
★:According to needs to be possible to provide the balanced hilt, the standard precision is G6.3/12000rpm, the precise precision is G2.5/20000rpm.

型 号 Model No. DIN69871.A— MT.NO.—L1	L mm	D mm	D1 mm	重 量 Wt(kg)
DIN69871.A30— MTA1—50	97.8	25	31.75	0.55
DIN69871.A30— MTA2—60	107.8	32	31.75	0.80
DIN69871.A30— MTA3—80	127.8	40	31.75	0.85
DIN69871.A40— MTA1—45	113.4	25	44.45	1.20
DIN69871.A40— MTA1—50	118.4	25	44.45	1.30
DIN69871.A40— MTA2—50	118.4	32	44.45	1.50
DIN69871.A40— MTA3—70	138.4	40	44.45	1.80
DIN69871.A40— MTA4—95	163.4	48	44.45	2.40
DIN69871.A50— MTA1—45	146.75	25	69.85	4.05
DIN69871.A50— MTA2—60	161.75	32	69.85	4.40
DIN69871.A50— MTA3—65	166.75	40	69.85	4.50
DIN69871.A50— MTA4—95	196.75	48	69.85	4.90
DIN69871.A50— MTA5—120	221.75	61	69.85	5.10
DIN69871.A50— MTA5—105	206.75	61	69.85	5.15

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CAT 数控莫氏变径套(扁尾型) MORSE TAPER WITH TANG





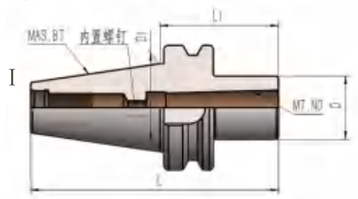
★:刀柄采用进口高强度材质，经特殊处理后产品具有高耐磨性
★:外锥柄连接于数控机床，内锥连接不同型号的莫式变径套
★:根据需要可提供动平衡刀柄，动平衡标准精度为G6.3/12000rpm，精密精度为G2.5/20000rpm，订购时请注明精度
★: The holder is made of imported high strength material and has high wear resistance after special treatment
★: The external taper shank is connected to the CNC machine tool, the inner cone is connected to different types of MT sleeve
★:According to needs to be possible to provide the balanced hilt, the standard precision is G6.3/12000rpm, the precise precision is G2.5/20000rpm.

型 号 Model No. CAT— MT.NO.—L1	L mm	D mm	D1 mm	重 量 Wt(kg)
CAT40—MTA1—45	113.25	25	44.45	1.30
CAT40—MTA2—63	131.25	32	44.45	1.70
CAT40—MTA3—75	143.25	40	44.45	2.00
CAT40—MTA4—100	168.25	48	44.45	2.50
CAT45—MTA1—40	122.55	25	57.15	2.70
CAT45—MTA2—50	132.55	32	57.15	3.80
CAT45—MTA3—73	155.55	40	57.15	4.20
CAT45—MTA4—95	177.55	48	57.15	4.60
CAT45—MTA5—125	207.55	61	57.15	5.50
CAT50—MTA1—40	141.6	25	69.85	4.00
CAT50—MTA2—50	151.6	32	69.85	4.00
CAT50—MTA2—135	236.6	32	69.85	5.00
CAT50—MTA3—63	164.6	40	69.85	4.50
CAT50—MTA3—150	251.6	40	69.85	5.50
CAT50—MTA4—85	186.6	48	69.85	4.80
CAT50—MTA5—105	206.6	61	69.85	5.20

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BT 锥数控莫氏变径套(后拉型) MORSE TAPER(WITH DRAWBAR)





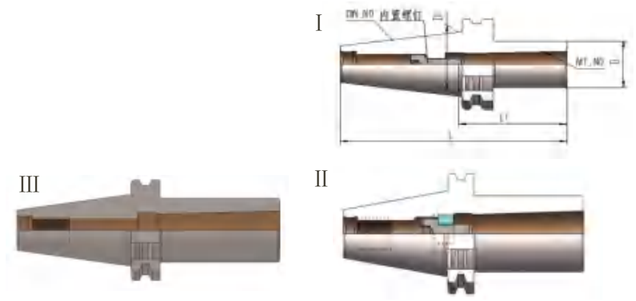
★:示意图1所示的刀柄使用时需安装内六角螺钉
★:示意图2所示的刀柄使用时需安装内六角螺钉及螺纹套
★:示意图3所示的刀柄使用时无内六角螺钉
★:订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，
请标明AD/B型，如BT40AD/B－MTB3－75
★:根据需要可提供动平衡刀柄，动平衡标准精度为G6.3/12000rpm，精密精度为G2.5/20000rpm，
订购时请注明。
★:Note:1. See figure 1,when the arbor being used, it is necessary to fix inner hex screw.
★:See figure 2,when the arbor bein used,it is necessary to fix standard knob,please note when order it.
★:See figure 3,when the arbor being used,it is necessary to fix extension knob,please onte when order it.
★:When order please indicate the hilt the concrete form. If needs in the center cold and the flange water leakage hilt, please mark AD/B.
★:According to needs to be possible to provide the balanced hilt, the standard precision is G6.3/12000rpm, the precise precision is G2.5/20000rpm.

型 号 Model No. BT－ MT.NO.－L1	L mm	D mm	D1 mm	示意图Figure
BT40－ MTB1－45	110.4	25	44.45	I
BT40－ MTB2－60	125.4	32	44.45	I
BT40－ MTB3－75	140.4	40	44.45	II
BT40－ MTB3－90	155.4	40	44.45	II
BT40－ MTB4－100	165.4	48	44.45	II
BT50－ MTB1－45	146.8	25	69.85	I
BT50－ MTB2－60	161.8	32	69.85	I
BT50－ MTB3－60	161.8	40	69.85	I
BT50－ MTB3－75	176.8	40	69.85	I
BT50－ MTB4－100	201.8	48	69.85	II
BT50－ MTB5－105	206.8	63	69.85	III
BT50－ MTB5－120	221.8	63	69.85	II

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DIN69871 数控莫氏变径套(后拉型) MORSE TAPER(WITH DRAWBAR)





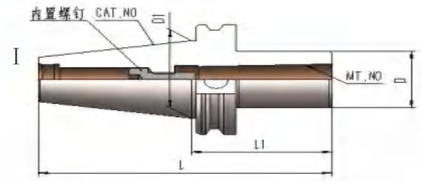
★:示意图1所示的刀柄使用时需安装内六角螺钉
★:示意图2所示的刀柄使用时需安装内六角螺钉及螺纹套
★:示意图3所示的刀柄使用时无需内六角螺钉
★:订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，请标明AD/B型，
如DIN69871.40AD/ B－MTB3－70
★:根据需要可提供动平衡刀柄，动平衡标准精度为G6.3/12000rpm，精密精度为G2.5/20000rpm，
订购时请注明具体精度
★:Note: 1. See figure 1,when the arbor being used,it is necessary to fix inner hex screw.
★:See figure 2,when the arbor bein used,it is necessary to fix standard knob,please note when order it.
★:See figure 3,when the arbor being used,it is necessary to fix extension knob,please onte when order it.
★:When order please indicate the hilt the concrete form. If needs in the center cold and the flange water leakage hilt, please mark AD/B.
★:According to needs to be possible to provide the balanced hilt, the standard precision is G6.3/12000rpm, the precise precision is G2.5/20000rpm.

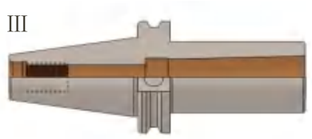
型 号 ModelNo. DIN69871.A－MT.NO.－L1	L mm	D mm	D1 mm	示意图Figure
DIN69871.A40－MTB1－50	118.4	25	44.45	I
DIN69871.A40－MTB2－60	128.4	32		I
DIN69871.A40－MTB3－70	138.4	40		III
DIN69871.A40－MTB3－80	148.4	40		II
DIN69871.A40－MTB3－100	168.4	40		II
DIN69871.A40－MTB4－90	158.4	48		III
DIN69871.A40－MTB4－100	168.4	48		II
DIN69871.A50－MTB1－45	146.8	25	69.85	I
DIN69871.A50－MTB2－45	146.8	32		I
DIN69871.A50－MTB3－150	251.8	40		I
DIN69871.A50－MTB3－80	181.8	40		I
DIN69871.A50－MTB4－80	181.8	48		III
DIN69871.A50－MTB4－90	191.8	48		II
DIN69871.A50－MTB4－100	201.8	48		II
DIN69871.A50－MTB5－100	201.8	61		III
DIN69871.A50－MTB5－120	221.8	61		II

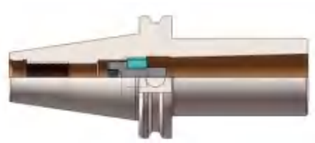
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CAT锥数控莫氏变径套(后拉型) MORSE TAPER(WITH DRAWBAR)









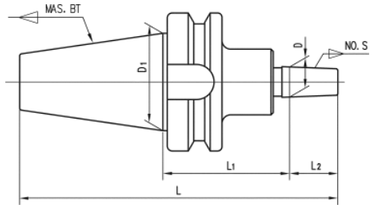
★:示意图1所示的刀柄使用时需安装内六角螺钉
★:示意图2所示的刀柄使用时需安装内六角螺钉及螺纹套
★:示意图3所示的刀柄使用时无需内六角螺钉
★:根据需要可提供动平衡刀柄，动平衡标准精度为G6.3/12000rpm，精密精度为G2.5/20000rpm，订购时请注明精度
★:Note: See figure 1,when the arbor being used,it is necessary to fix inner hex screw.
★:See figure 2,when the arbor being used,it is necessary to fix standard knob,please note when order it.
★:See figure 3,when the arbor being used,it is necessary to fix extension knob,please onte when order it.
★:According to needs to be possible to provide the balanced hilt, the standard precision is G6.3/12000rpm, the precise precision is G2.5/20000rpm.

型 号 Model No. CAT—MT.NO.—L1	L mm	D mm	D1 mm	示意图Figure
CAT40—MTB1—45	113.25	25	44.45	I
CAT40—MTB2—60	128.25	32		I
CAT40—MTB3—75	143.25	40		II
CAT40—MTB3—90	158.25	40		II
CAT40—MTB4—100	168.25	48		II
CAT50—MTB2—60	161.6	31.75	69.85	I
CAT50—MTB3—60	161.6	41.28		I
CAT50—MTB4—90	191.6	50.8		II
CAT50—MTB5—100	201.6	69.85		III

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BT锥数控钻接刀柄 DRILL CHUCK ARBORS





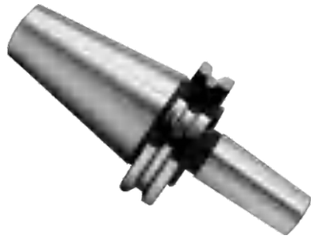
★:刀柄采用进口高强度材质，
经特殊处理后产品具有高耐磨性
★:柄部与机床主轴连接，
前端与各种内锥式钻夹头联用

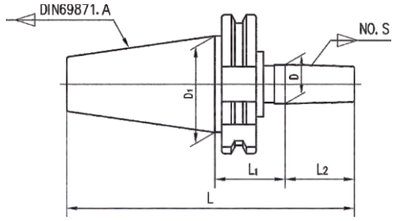
★: The holder is made of imported high strength material and has high wear resistance after special treatment
★: The shank is connected with the spindle of the machine, and the front end is used in conjunction with various internal cone drill chucks

型 号 Model No. BT—NO.S—L1	L2 mm	L mm	D mm	D1 mm	拉杆 Drawbar thread	重量 Wt(kg)
BT30—J1—45	16.669	110	9.754	31.75	M12	0.60
BT30—J2—45	22.225	115.6	14.199	31.75	M12	0.70
BT30—J3—45	30.956	124.4	20.599	31.75	M12	0.80
BT30—J6—45	25.4	118.8	17.170	31.75	M12	0.75
BT30—J33—45	25.4	118.8	15.850	31.75	M12	0.75
BT30—B10—45	14.5	107.9	10.094	31.75	M12	0.60
BT30—B12—45	18.5	111.9	12.065	31.75	M12	0.60
BT30—B16—45	24	117.4	15.733	31.75	M12	0.70
BT30—B18—45	32	125.4	17.780	31.75	M12	0.82
BT40—J1—45	16.669	127.1	9.754	44.45	M16	1.15
BT40—J2—45	22.225	132.6	14.199	44.45	M16	1.25
BT40—J2S—45	19.05	129.4	13.940	44.45	M16	1.20
BT40—J3—45	30.956	141.4	20.599	44.45	M16	1.45
BT40—J4—45	42.069	152.5	28.550	44.45	M16	1.55
BT40—J5—45	47.625	158	35.890	44.45	M16	1.60
BT40—J6—45	25.4	135.8	17.170	44.45	M16	1.30
BT40—J33—45	25.4	135.8	15.850	44.45	M16	1.30
BT40—B10—45	14.5	124.9	10.094	44.45	M16	1.40
BT40—B10—120	14.5	199.9	10.094	44.45	M16	1.76
BT40—B12—45	18.5	128.9	12.065	44.45	M16	1.34
BT40—B16—32	24	121.4	15.733	44.45	M16	1.40
BT40—B16—45	24	134.4	15.733	44.45	M16	1.45
BT40—B16—75	24	164.4	15.733	44.45	M16	1.55
BT40—B16—90	24	179.4	15.733	44.45	M16	1.40
BT40—B18—45	32	142.4	17.780	44.45	M16	1.70
BT40—B18—75	32	172.4	17.780	44.45	M16	1.76
BT50—J1—45	16.669	163.5	9.754	69.85	M24	3.60
BT50—J2—45	22.225	169	14.199	69.85	M24	3.95
BT50—J2S—45	19.05	165.9	13.940	69.85	M24	3.90
BT50—J3—45	30.956	177.8	20.599	69.85	M24	3.70
BT50—J4—45	42.069	188.9	28.550	69.85	M24	3.75
BT50—J5—45	47.625	194.4	35.890	69.85	M24	3.80
BT50—J6—45	25.4	172.2	17.170	69.85	M24	4.00
BT50—J33—45	25.4	172.2	15.850	69.85	M24	4.00
BT50—B10—45	14.5	161.3	10.094	69.85	M24	3.60
BT50—B10—100	14.5	216.3	10.094	69.85	M24	3.80
BT50—B12—45	18.5	165.3	12.065	69.85	M24	3.60
BT50—B16—45	24	170.8	15.733	69.85	M24	3.65
BT50—B16—60	24	185.8	15.733	69.85	M24	3.70
BT50—B16—75	24	200.8	15.733	69.85	M24	3.74
BT50—B16—90	24	215.8	15.733	69.85	M24	3.78
BT50—B18—45	32	178.8	17.780	69.85	M24	3.70

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DIN 锥数控钻接刀柄 DRILL CHUCK ARBORS





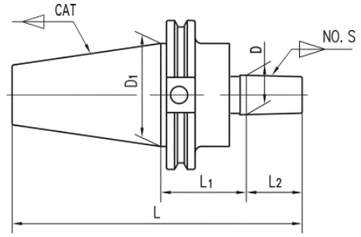
★:刀柄采用进口高强度材质，经特殊处理后产品具有高耐磨性
★:柄部与机床主轴连接，前端与各种内锥式钻夹头联用
★:The holder is made of imported high strength material and has high wear resistance after special treatment
★:The shank is connected with the spindle of the machine, and the front end is used in conjunction with various internal cone drill chucks

型 ModelNo. DIN69871.A–NO.S–L1	L2 mm	L mm	D mm	D1 mm	拉杆 Drawbar thread
DIN69871.A40–J0–32	11.112	111.5	6.35	44.45	M16
DIN69871.A40–J1–32	16.669	117	9.754	44.45	M16
DIN69871.A40–J2–32	22.225	122.6	14.199	44.45	M16
DIN69871.A40–J2S–32	19.05	119.5	13.940	44.45	M16
DIN69871.A40–J3–32	30.956	131.4	20.599	44.45	M16
DIN69871.A40–J4–32	42.069	142.5	28.550	44.45	M16
DIN69871.A40–J5–32	47.625	148	35.890	44.45	M16
DIN69871.A40–J6–32	25.4	125.8	17.170	44.45	M16
DIN69871.A40–J33–32	25.4	125.8	15.850	44.45	M16
DIN69871.A40–B6–32	10	110.4	6.35	44.45	M16
DIN69871.A40–B10–32	14.5	114.9	10.094	44.45	M16
DIN69871.A40–B10–45	14.5	127.9	10.094	44.45	M16
DIN69871.A40–B12–32	18.5	118.9	12.065	44.45	M16
DIN69871.A40–B12–80	18.5	166.9	12.065	44.45	M16
DIN69871.A40–B16–26	24	118.4	15.733	44.45	M16
DIN69871.A40–B16–32	24	124.4	15.733	44.45	M16
DIN69871.A40–B16–45	24	137.4	15.733	44.45	M16
DIN69871.A40–B18–32	32	132.4	17.780	44.45	M16
DIN69871.A40–B18–45	32	145.4	17.780	44.45	M16
DIN69871.A40–B22–32	40.5	140.9	21.793	44.45	M16
DIN69871.A40–B24–32	50.5	150.9	23.825	44.45	M16
DIN69871.A50–B16–45	24	170.75	15.733	69.85	M24
DIN69871.A50–J3–45	30.965	177.7	20.599	69.85	M24
DIN69871.A50–J6–45	25.4	172.1	17.170	69.85	M24
DIN69871.A50–J33–45	25.4	172.1	15.850	69.85	M24
DIN69871.A50–B16–45	24	170.8	15.733	69.85	M24
DIN69871.A50–B18–45	32	178.8	17.780	69.85	M24
DIN69871.A50–B22–60	40.5	202.3	21.793	69.85	M24
DIN69871.A50–B24–60	50.5	212.3	23.825	69.85	M24

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CAT 锥数控钻接刀柄 DRILL CHUCK ARBORS





★:采用进口高强度材质，经特殊处理后产品具有高耐磨性
★:柄部与机床主轴连接，前端与各种内锥式钻夹头联用
★:The holder is made of imported high strength material and has high wear resistance after special treatment
★:The shank is connected with the spindle of the machine, and the front end is used in conjunction with various internal cone drill chucks

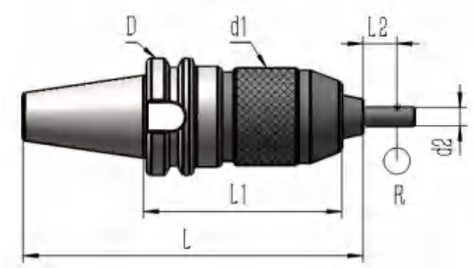
型号 Model No. CAT–NO.S–L1	L2 mm	L mm	D mm	D1 mm	拉杆 Drawbar thread
CAT40–J2–45	22.225	135.5	14.199	44.45	5/8"–11
CAT40–J3–45	30.956	144.2	20.599	44.45	5/8"–11
CAT40–J4–45	42.069	155.3	28.55	44.45	5/8"–11
CAT40–J6–45	25.4	138.65	17.17	44.45	5/8"–11
CAT40–J33–45	25.4	138.65	15.85	44.45	5/8"–11
CAT40–B16–45	24	137.25	15.733	44.45	5/8"–11
CAT40–B18–45	32	145.25	17.780	44.45	5/8"–11
CAT45–J1–45	16.669	144.2	9.754	57.15	3/4"–10
CAT45–J2–45	22.225	150	14.199	57.15	3/4"–10
CAT45–J3–45	30.956	158.5	20.599	57.15	3/4"–10
CAT45–J4–45	42.069	169.6	28.55	57.15	3/4"–10
CAT45–J5–45	47.625	175.2	35.89	57.15	3/4"–10
CAT45–J6–45	25.4	153	17.17	57.15	3/4"–10
CAT45–J33–45	25.4	153	15.85	57.15	3/4"–10
CAT45–B10–45	14.5	142	10.094	57.15	3/4"–10
CAT45–B12–45	18.5	146	12.065	57.15	3/4"–10
CAT45–B16–32	24	138.6	15.733	57.15	3/4"–10
CAT45–B16–45	24	151.6	15.733	57.15	3/4"–10
CAT45–B18–45	32	159.6	17.780	57.15	3/4"–10
CAT50–J2–45	22.225	168.85	14.199	69.85	1"–8
CAT50–J3–45	30.956	177.56	20.599	69.85	1"–8
CAT50–J4–45	42.069	188.67	28.55	69.85	1"–8
CAT50–J5–45	47.625	194.23	35.89	69.85	1"–8
CAT50–J6–45	25.4	172	17.17	69.85	1"–8
CAT50–J33–45	25.4	172	15.85	69.85	1"–8
CAT50–B10–45	14.5	161.1	10.094	69.85	1"–8
CAT50–B12–45	18.5	165.1	12.065	69.85	1"–8
CAT50–B16–60	24	185.6	15.773	69.85	1"–8
CAT50–B18–60	32	193.6	17.780	69.85	1"–8
CAT50–B22–60	40.5	202.1	21.793	69.85	1"–8
CAT50–B24–60	50.5	212.1	23.825	69.85	1"–8

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整体式钻夹头 SELF-FASTEN DRILL CHUCK

★:刀柄采用进口高强度材质，经特殊处理后产品具有高耐磨性
★:用于加工中心或数控机床的专用刀柄，前端装配钻夹头
★:The holder is made of imported high strength material and has high wear resistance after special treatment
★:Special tool holder for machining center or CNC machine , front end assembly drill chuck





BT/APU 整体式钻夹头 SELF-FASTEN DRILL CHUCK

型号 Model No.	L1mm	Lmm	L2mm	Dmm	d1mm	d2mm	R	重量 Wt(kg)
BT30-APU8-85	85	139.4	55	46	37	8	0.04	0.72
BT30-APU13-110	110	170.4	75		50	13	0.04	1.85
BT30-APU16-125	125	185.4	80		57	16	0.04	2.18
BT40-APU8-90	90	161.4	55	63	37	6	0.04	1.46
BT40-APU13-100	100	177.4	75		50	13	0.04	2.00
BT40-APU16-105	105	182.4	80		57	16	0.04	2.33
BT50-APU8-95	95	202.8	55	100	37	8	0.04	4.16
BT50-APU13-115	115	228.8	75		50	13	0.04	4.70
BT50-APU16-120	120	223.8	80		57	16	0.04	5.03

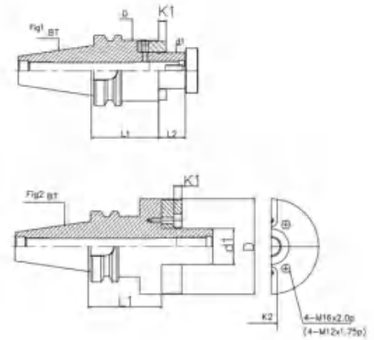
DIN69871/APU 整体式钻夹头 SELF-FASTEN DRILL CHUCK

型号 Model No.	L1 mm	L mm	L2 mm	D mm	d1 mm	d2 mm	R	重量Wt(kg)
DIN69871.30-APU8-95	95	148.8	55	50	37	8	0.04	0.60
DIN69871.30-APU13-120	120	179.8	80		50	13	0.04	1.45
DIN69871.30-APU16-125	125	184.8	80		57	16	0.04	1.78
DIN69871.40-APU8-75	75	149.4	55	63.55	37	8	0.04	1.46
DIN69871.40-APU13-100	100	180.4	75		50	13	0.04	2.00
DIN69871.40-APU16-115	115	195.4	75		57	16	0.04	2.33
DIN69871.50-APU13-115	115	228.75	75	97.50	50	13	0.04	4.40
DIN69871.50-APU16-120	120	233.75	80		57	16	0.04	4.73

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BT/FMA 平面铣刀柄 BT/FMA SHELL MILL ARBORS





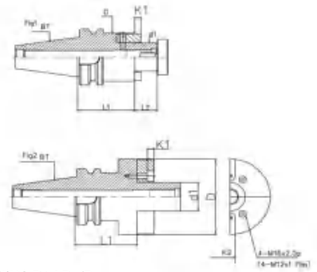
★:刀柄采用进口高强度材质，经特殊处理后产品具有高耐磨性
★:用于加工中心或数控机床的专用刀柄，前端装配刀盘
★:订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，请注明AD/B
★:根据需要可提供动平衡刀柄，动平衡标准精度为G6.3/12000rpm，精密精度为G2.5/20000rpm，订购时请注明具体精度
★:The holder is made of imported high strength material and has high wear resistance after special treatment
★:Special tool handle for the processing center or CNC machine's , front end assembly tool
★:When order please indicate the hilt the concrete form. If needs in the center cold and the flange water leakage hilt , please mark AD/B.
★:According to needs to be possible to provide the balanced hilt, the standard precision is G6.3/12000rpm, the precise precision is G2.5/20000rpm.

型 号 Model No.	L1 mm	L2 mm	D mm	d1 mm	K1 mm	K2 mm	重量Wt(kg)
BT30- FMA25.4-63.5	63.5	17.45	57	25.40	4.52	9.53	1.10
BT30- FMA31.75-45	45	17.45	63	31.75	6.70	12.70	1.35
BT40- FMA25.4-45	45	17.45	57	25.40	4.52	9.53	1.80
BT40- FMA25.4-60	60	17.45	57	25.40	4.52	9.53	2.00
Bt40 - FMA25.4-90	90	17.45	57	25.40	4.52	9.53	2.60
BT40- FMA25.4-105	105	17.45	57	25.40	4.52	9.53	2.70
BT40- FMA31.75-45	45	17.45	63	31.75	6.70	12.70	2.00
BT40- FMA31.75-75	75	17.45	63	31.75	6.70	12.70	2.70
BT40- FMA31.75-90	90	17.45	63	31.75	6.70	12.70	2.90
BT40- FMA38.1-60	60	23.8	80	38.10	8.87	15.88	2.80
BT40- FMA50.80-60	60	24.4	100	50.80	9.75	19.05	4.00
BT50- FMA25.4-45	45	17.45	57	25.40	4.52	9.53	4.40
BT50- FMA25.4-90	90	17.45	57	25.40	4.52	9.53	5.10
BT50- FMA25.4-150	150	17.45	57	25.40	4.52	9.53	6.10
BT50- FMA31.75-45	45	17.45	63	31.75	6.70	12.70	4.50
BT50- FMA31.75-75	75	17.45	63	31.75	6.70	12.70	5.30
BT50- FMA31.75-105	105	17.45	63	31.75	6.70	12.70	5.70
BT50- FMA38.10-45	45	25	80	38.10	8.87	15.88	4.80
BT50- FMA38.10-75	75	25	80	38.10	8.87	15.88	6.00
BT50- FMA50.80-45	45	36	100	50.80	9.75	19.05	5.70
BT50- FMA50.80-75	75	36	100	50.80	9.75	19.05	6.80

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BT/FMB平面铣刀柄 BT/FMB SHELL MILL ARBORS





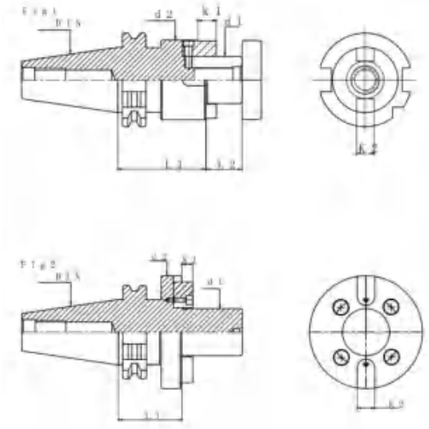
★:刀柄采用进口高强度材质，经特殊处理后产品具有高耐磨性
★:用于加工中心或数控机床的专用刀柄，前端装配刀盘
★:订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，请注明AD/B
★:根据需要可提供动平衡刀柄，动平衡标准精度为G6.3/12000rpm 精密精度为G2.5/20000rpm，订购时请注明具体度
★:The holder is made of imported high strength material and has high wear resistance after special treatment
★:Special tool handle for the processing center or CNC machine's , front end assembly tool
★:When order please indicate the hilt the concrete form. If needs in the center cold and the flange water leakage hilt, please mark AD/B.
★:According to needs to be possible to provide the balanced hilt, the standard precision is G6.3/12000rpm, the precise precision is G2.5/20000rpm.

型号 Model No.	L1 mm	L2 mm	D mm	d1 mm	K1 mm	K2 mm	重量 Wt(kg)
BT30— FMB16—45	45	16	38	16	4.8	8	0.85
BT30— FMB22—45	45	18	48	22	4.8	10	0.85
BT30— FMB27—45	45	20	60	27	5.8	12	1.20
BT30— FMB27—60	60	20	60	27	5.8	12	1.35
BT30— FMB27—100	100	20	60	27	5.8	12	1.35
BT30— FMB32—45	45	22	62	32	6.8	14	1.35
BT40— FMB22—45	45	18	48	22	4.8	10	1.45
BT40— FMB22—60	60	18	48	22	4.8	10	1.70
BT40— FMB22—100	100	18	48	22	4.8	10	2.20
BT40— FMB27—45	45	20	60	27	5.8	12	1.60
BT40— FMB27—60	60	20	60	27	5.8	12	2.00
BT40— FMB27—90	90	20	60	27	5.8	12	2.30
BT40— FMB27—100	100	20	60	27	6.8	12	2.50
BT40— FMB32—45	45	22	62	32	6.8	14	1.75
BT40— FMB32—60	60	22	62	32	8.3	14	2.10
BT40— FMB40—60	60	25	78	40	4.8	14	2.80
BT50— FMB22—45	45	18	48	22	4.8	10	4.50
BT50— FMB22—100	100	18	48	22	4.8	10	5.10
BT50— FMB27—60	60	20	60	27	5.8	12	7.00
BT50— FMB27—100	100	20	60	27	5.8	12	8.00
BT50— FMB27—150	150	20	60	27	5.8	12	7.50
BT50— FMB32—60	60	22	62	32	6.8	14	9.50
BT50— FMB32—90	90	22	62	32	6.8	14	11.0
BT50— FMB40—50	50	25	80	40	8.3	16	5.70
BT50— FMB40—90	90	25	80	40	8.3	16	5.80
BT50— FMB40—100	100	25	80	40	8.3	16	5.20
BT50— FMB40F—90	90	26	110	40	8.3	16	6.00

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DIN69871/FMB 平面铣刀柄 DIN69871/FMB SHELL MILL ARBORS





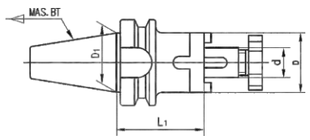
★:刀柄采用进口高强度材质，经特殊处理后产品具有高耐磨性
★:用于加工中心或数控机床的专用刀柄，前端装配刀盘
★:订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，请注明AD/B
★:根据需要可提供动平衡刀柄，动平衡标准精度为G6.3/12000rpm，精密精度为G2.5/20000rpm，订购时请注明具体精度
★:The holder is made of imported high strength material and has high wear resistance after special treatment
★:Special tool handle for the processing center or CNC machine's , front end assembly tool
★:When order please indicate the hilt the concrete form. If needs in the center cold and the flange water leakage hilt, please mark AD/B.
★:According to needs to be possible to provide the balanced hilt, the standard precision is G6.3/12000rpm, the precise precision is G2.5/20000rpm.

型 号 Model No.	L1 mm	L2 mm	d1 mm	d2 mm	K1 mm	K2 mm	重量Wt(kg)
DIN69871.A30—FMB16—45	45	16	16	38	4.8	8	0.60
DIN69871.A30—FMB22—45	45	18	22	48	4.8	10	1.00
DIN69871.A30—FMB27—45	45	20	27	60	5.8	12	1.05
DIN69871.A40—FMB16—45	45	16	16	38	4.8	8	1.10
DIN69871.A40—FMB22—45	45	18	22	48	4.8	10	1.20
DIN69871.A40—FMB27—100	100	20	27	60	5.8	12	1.80
DIN69871.A40—FMB32—45	45	22	32	62	6.8	14	2.30
DIN69871.A40—FMB40—60	60	25	40	78	8.3	16	2.58
DIN69871.A50—FMB22—45	45	18	22	48	4.8	10	3.40
DIN69871.A50—FMB27—45	45	20	27	60	5.8	12	3.50
DIN69871.A50—FMB40—60	60	25	40	78	8.3	16	4.70
DIN69871.A50—FMB50—60	60	25	50	90	9.7	18	5.80
DIN69871.A50—FS40—70	70	25	40	110	8.3	16	5.70
DIN69871.A50—FS60—70	70	25	60	138	12.5	25.4	5.50

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BT 锥数控混合插入式铣刀柄
COMBI SHELL END MILL ARBORS





DIN 锥数控混合插入式铣刀柄
COMBI SHELL END MILL ARBORS



★:刀柄采用进口高强度材质，经特殊处理后产品具有高耐磨性
★:用于加工中心或数控机床的专用刀柄，前端连接刀盘，用于铣削
★:订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，请标明AD/B型,如BT40AD/Bx32—60
★:根据需要可提供动平衡刀柄，动平衡标准精度为G6.3/12000rpm，精密精度为G2.5/20000rpm，
订购时请注明具体精度

★:The holder is made of imported high strength material and has high wear resistance after special treatment
★:Special tool handle for the processing center or CNC machine's , front end assembly tool
★:When order please indicate the hilt the concrete form. If needs in the center cold and the flange water leakage hilt,please mark AD/B.
★:According to needs to be possible to provide the balanced hilt, the standard precision is G6.3/12000rpm, the precise precision is G2.5/20000rpm.

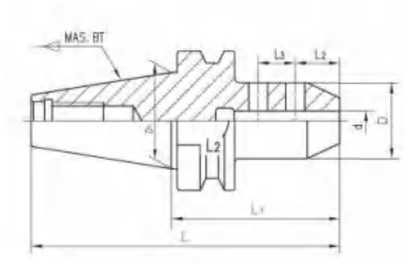
型 号 Model No.BT— d—L1	D	D1	重量Wt(kg)
BT30— 16—55	32	31.75	1.00
BT30— 22—55	40	31.75	1.20
BT30— 27—55	48	31.75	1.20
BT30— 32—60	58	31.75	1.50
BT30— 40—60	70	31.75	2.30
BT40— 16—55	32	44.45	1.20
BT40— 16—100	32	44.45	1.50
BT40— 22—55	40	44.45	1.25
BT40— 22—100	40	44.45	1.85
BT40— 27—55	48	44.45	1.50
BT40— 27—100	48	44.45	2.00
BT40— 32—60	58	44.45	1.50
BT40— 32—100	58	44.45	2.30
BT40— 40—60	70	44.45	2.00
BT40— 40—100	70	44.45	3.00
BT50— 16—63	32	69.85	3.60
BT50— 16—100	32	69.85	4.00
BT50— 22—70	40	69.85	3.70
BT50— 22—100	40	69.85	4.00
BT50— 27—70	48	69.85	4.00
BT50— 27—100	48	69.85	.40
BT50— 32—70	58	69.85	4.20
BT50— 32—100	58	69.85	4.70
BT50— 40—75	70	69.85	4.50
BT50— 40—100	70	69.85	5.50
BT50— 50—75	90	69.85	4.60
BT50— 50—125	90	69.85	7.20

型 号 ModelNo. BT×d—L1	D	D1	重量Wt(kg)
DIN69871.A30×16—55	32	31.75	1.00
DIN69871.A30×22—55	40	31.75	2.00
DIN69871.A30×27—55	48	31.75	2.10
DIN69871.A30×32—60	58	31.75	1.80
DIN69871.A30×40—60	70	31.75	7.30
DIN69871.A40×16—55	32	44.45	1.20
DIN69871.A40×16—100	32	44.45	1.50
DIN69871.A40×22—55	40	44.45	1.23
DIN69871.A40×22—100	40	44.45	1.83
DIN69871.A40×27—55	48	44.45	1.30
DIN69871.A40×27—100	48	44.45	2.20
DIN69871.A40×32—60	58	44.45	1.50
DIN69871.A40×32—100	58	44.45	2.30
DIN69871.A40×40—60	70	44.45	1.80
DIN69871.A40×40—100	70	44.45	3.00
DIN69871.A50×16—63	32	69.85	3.50
DIN69871.A50×16—100	32	69.85	3.80
DIN69871.A50×22—70	40	69.85	3.60
DIN69871.A50×22—100	40	69.85	4.00
DIN69871.A50×27—70	48	69.85	3.70
DIN69871.A50×27—100	48	69.85	4.40
DIN69871.A50×32—70	58	69.85	3.80
DIN69871.A50×32—100	58	69.85	4.70
DIN69871.A50×40—75	70	69.85	3.90
DIN69871.A50×40—100	70	69.85	5.30
DIN69871.A50×50—75	90	69.85	4.50
DIN69871.A50×50—125	90	69.85	7.20

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BT 锥数控立铣刀柄 END MILL ADAPTERS





★:刀柄采用进口高强度材质，经特殊处理后产品具有高耐磨性
★:刀柄用于数控机床，内孔配刀具
★:订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，请标明AD/B型,如BT40AD/Bx12—63
★:根据需要可提供动平衡刀柄，动平衡标准精度为G6.3/12000rpm，精密精度为G2.5/20000rpm，订购时请注明具体精度
★:The holder is made of imported high strength material and has high wear resistance after special treatment
★:Special tool handle for the CNC machine's , Inner hole with cutter
★:When order please indicate the hilt the concrete form. If needs in the center cold and the flange water leakage hilt, please mark AD/B.
★:According to needs to be possible to provide the balanced hilt, the standard precision is G6.3/12000rpm, the precise precision is G2.5/20000rpm.

型 号 Model No. BT— d—L1	L mm	D mm	D1 mm	L2 mm	L3 mm	重 量 Wt(kg)
BT30— 6—50	98.4	25	31.75	18		0.66
BT30— 6—60	108.4	25	31.75	18		0.72
BT30— 8—60	108.4	28	31.75	18		0.80
BT30— 10—60	108.4	35	31.75	20		0.83
BT30— 10—80	128.4	35	31.75	20		0.83
BT30— 12—60	108.4	40	31.75	22.5		0.88
BT30— 14—60	108.4	42	31.75	22.5		1.02
BT30— 16—75	123.4	44	31.75	24		1.04
BT30— 18—75	123.4	46	31.75	24		1.26
BT30— 20—75	123.4	50	31.75	25		1.36
BT30— 25—90	138.4	53	31.75	24	25	1.50

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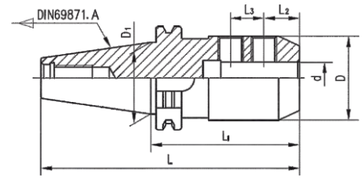
数控立铣刀柄 END MILL ADAPTERS

型 号 Model No.BT– d–L1	L mm	D mm	D_1 mm	L_2 mm	L_3 mm	重 量 Wt(kg)
BT40– 6–50	115.4	25	44.45	18		0.96
BT40– 6–60	125.4	25	44.45	18		0.98
BT40– 8–50	115.4	28	44.45	18		1.00
BT40– 10–63	128.4	35	44.45	20		1.08
BT40– 12–63	128.4	40	44.45	22.5		1.20
BT40– 14–63	128.4	42	44.45	22.5		1.22
BT40– 16–63	128.4	44	44.45	24		1.24
BT40– 16–70	135.4	44	44.45	24		1.30
BT40– 18–63	128.4	46	44.45	24		1.36
BT40– 20–63	128.4	50	44.45	25		1.36
BT40– 20–70	135.4	50	44.45	25		2.10
BT40– 25–90	155.4	53	44.45	24	25	2.07
BT40– 25–100	165.4	53	44.45	24	25	2.08
BT40– 32–100	165.4	61	44.45	24	28	2.25
BT40– 32–160	225.4	61	44.45	24	28	2.30
BT40– 40–120	185.4	80	44.45	30	32	2.50
BT40– 40–100	165.4	80	44.45	30	32	2.80
BT50– 6–63	164.8	25	69.85	18		3.20
BT50– 8–63	164.8	28	69.85	18		3.23
BT50– 10–63	164.8	35	69.85	20		3.24
BT50– 12–80	181.8	40	69.85	22.5		3.36
BT50– 16–80	181.8	44	69.85	24		3.48
BT50– 20–80	181.8	52	69.85	25		3.52
BT50– 25–100	201.8	53	69.85	24	25	4.28
BT50– 25–150	251.8	53	69.85	24	25	4.35
BT50– 25–200	301.8	53	69.85	24	25	4.40
BT50– 32–100	201.8	61	69.85	24	28	4.44
BT50– 32–150	251.8	61	69.85	24	28	4.56
BT50– 40–110	211.8	80	69.85	30	32	4.58
BT50– 40–120	221.8	80	69.85	30	32	4.58
BT50– 50–150	251.8	100	69.85	35	35	4.90

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DIN 锥数控立铣刀柄 END MILL ADAPTERS





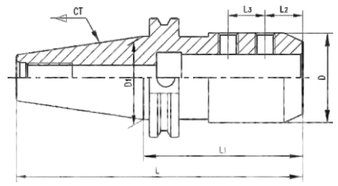
★:刀柄采用进口高强度材质，经特殊处理后产品具有高耐磨性
★:刀柄连接于数控机床，内孔配刀具
★:订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄，请标明AD/B型,如DIN69871.40AD/Bx12–50
★:根据需要可提供动平衡刀柄，动平衡标准精度为G6.3/12000rpm，精密精度为G2.5/20000rpm，订购时请注明精度
★:The holder is made of imported high strength material and has high wear resistance after special treatment
★:The holder is connected to the CNC machine, the inner hole with the cutter
★:When order please indicate the hilt the concrete form. If needs in the center cold and the flange water leakage hilt,please mark AD/B.
★:According to needs to be possible to provide the balanced hilt, the standard precision is G6.3/12000rpm, the precise precision is G2.5/20000rpm.

型 号 Model No.DIN69871.A–d–L_1	L	D	D_1	L_2	L_3	重 量 Wt(kg)
DIN69871.A30– 6–50	97.8	25	31.75	18		0.58
DIN69871.A30– 8–50	97.8	28	31.75	18		0.64
DIN69871.A30– 10–50	97.8	35	31.75	20		0.72
DIN69871.A30– 12–50	97.8	40	31.75	22.5		0.80
DIN69871.A30– 16–50	97.8	44	31.75	24		0.96
DIN69871.A40– 6–50	118.4	25	44.45	18		0.92
DIN69871.A40– 8–50	118.4	28	44.45	18		0.96
DIN69871.A40– 10–50	118.4	35	44.45	20		2.00
DIN69871.A40– 12–63	131.4	40	44.45	22.5		1.12
DIN69871.A40– 14–50	118.4	42	44.45	22.5		1.12
DIN69871.A40– 16–63	131.4	44	44.45	24		1.20
DIN69871.A40– 18–63	131.4	46	44.45	24		1.20
DIN69871.A40– 20–63	131.4	50	44.45	25		1.32
DIN69871.A40– 25–100	168.4	53	44.45	24	25	2.04
DIN69871.A40– 32–100	168.4	61	44.45	24	28	2.24
DIN69871.A40– 40–120	188.4	80	44.45	30	32	2.40
DIN69871.A50– 6–63	164.75	25	69.85	18		3.30
DIN69871.A50– 8–63	164.75	28	69.85	18		3.40
DIN69871.A50– 10–63	164.75	35	69.85	20		3.42
DIN69871.A50– 12–63	164.75	40	69.85	22.5		3.42
DIN69871.A50– 14–63	164.75	42	69.85	22.5		3.44
DIN69871.A50– 16–63	164.75	44	69.85	24		3.46
DIN69871.A50– 18–63	164.75	46	69.85	24		3.48
DIN69871.A50– 20–63	164.75	50	69.85	25		4.24
DIN69871.A50– 25–80	181.75	53	69.85	24	25	4.40
DIN69871.A50– 32–100	201.75	61	69.85	24	28	4.52
DIN69871.A50– 40–120	221.75	80	69.85	30	32	4.72

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CAT 锥数控立铣刀柄 END MILL ADAPTERS





★:刀柄采用进口高强度材质，经特殊处理后产品具有高耐磨性
★:刀柄连接于数控机床，内孔配刀具
★:根据需要可提供动平衡刀柄，动平衡标准精度为G6.3/12000rpm，精密精度为G2.5/20000rpm，订购时请注明精度
★:The holder is made of imported high strength material and has high wear resistance after special treatment
★:The holder is connected to the CNC machine, the inner hole with the cutter
★:According to needs to be possible to provide the balanced hilt, the standard precision is G6.3/12000rpm, the precise precision is G2.5/20000rpm.

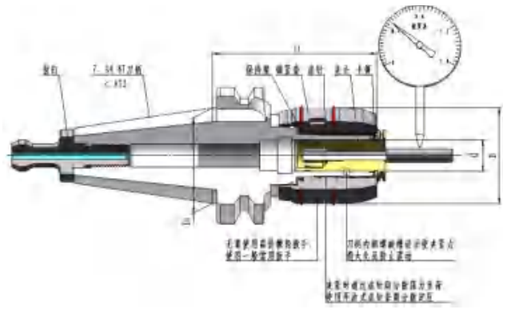
型 号 Model No. CAT—D—L1	L mm	D mm	D1 mm	L2 mm	L3 mm
CAT40—3/16"—2～1/2"	131.8	19.05	44.45	14.3	
CAT40—1/4"—2～1/2"	131.8	20.6		19.8	
CAT40—5/16"—2～1/2"	131.8	22.22		19.8	
CAT40—3/8"—2～1/2"	131.8	31.75		19.8	
CAT40—1/4"—63	131.25	20.6		19.8	
CAT40—1/2"—2～5/8"	134.9	44.45		22.2	
CAT40—5/8"—2～1/2"	131.8	44.45		23.8	
CAT40—3/4"—3～3/4"	163.5	44.45		25.4	
CAT40—7/8"—4"	169.9	52		27	22.2
CAT40—1"—4"	169.9	63		28.6	25.4
CAT40—1～1/4"—4～1/8"	173	69.85		28.6	25.4
CAT50—3/8"—2.5"	165.1	31.75	69.85	19.8	
CAT50—3/8"—6～1/2"	266.7	31.75		19.8	
CAT50—1/2"—2～5/8"	168.3	44.45		22.2	
CAT50—1/2"—4～5/8"	219.1	44.45		22.2	
CAT50—5/8"—3～3/4"	196.85	44.45		23.8	
CAT50—5/8"—5～3/4"	247.7	44.45		23.8	
CAT50—3/4"—3～3/4"	196.85	44.45		25.4	
CAT50—3/4"—5～3/4"	247.7	44.45		25.4	
CAT50—7/8"—3～3/4"	196.85	52		27	22.2
CAT50—7/8"—5～3/4"	247.7	52		27	22.2
CAT50—1"—4"	203.2	63		28.6	25.4
CAT50—1"—6"	254	63		28.6	25.4
CAT50—1～1/4"—4"	203.2	69.85		28.6	25.4
CAT50—1～1/4"—6"	254	69.85		28.6	25.4
CAT50—1～1/2"—4"	203.2	69.85		28.6	25.4
CAT50—1～1/2"—6"	254	69.85		28.6	25.4
CAT50—2"—5～5/8"	244.5	69.85		30.2	36.5
CAT50—2"—7～5/8"	295.3	69.85		30.2	36.5

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BT 数控强力刀柄 POWER MILLING CHUCK

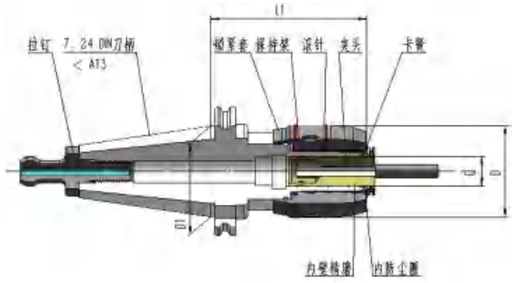


★:采用高强度特殊材质，淬火、回火后经特殊处理，产品性能稳定，耐磨耐用
★:采用滚针式旋转夹紧，力度均匀牢固，降低了切削振动，可用于强力切削
★:Adopt high strength special material, after quenching , through cryogenic treatment, the product performance is stable, wear-resisting and durable
★:Adopt needle rolling rotary clamping, the force is even and firm, reduce the cutting vibration, can be used for strong cutting



型 号 Model No. BT— MC—L1	d	D	D1
BT40— C20—100	20	56	44.45
BT40— C20—135	20	56	
BT40— C25—105	25	63	
BT40— C32—110	32	70	
BT40— C32—135	32	70	
BT40— C42—115	42	90	
BT50— C20—100	20	56	69.85
BT50— C32—110	32	70	
BT50— C32—165	32	70	
BT50— C42—125	42	90	
BT50— C42—150	42	90	
BT50— C42—165	42	90	

DIN69871 数控强力刀柄 POWER MILLING CHUCK



优 耐 淬 厚

精选钢材 Best steel
耐磨耐用 Good quality
淬火加硬 Quenching hardened
加厚设计 Increase thickness

型 号 Model No. DIN69871— MC—L1	d	D	D1
DIN69871.40— C20—100	20	56	44.45
DIN69871.40— C20—120	20	56	
DIN69871.40— C25—105	25	63	
DIN69871.40— C32—105	32	70	
DIN69871.40— C32—135	32	70	
DIN69871.40— C42—135	42	90	
DIN69871.50— C20—110	20	56	69.85
DIN69871.50— C20—150	20	56	
DIN69871.50— C25—105	25	63	
DIN69871.50— C32—150	32	70	
DIN69871.50— C32—165	32	70	
DIN69871.50— C42—130	42	90	
DIN69871.50— C42—150	42	90	
DIN69871.50— C42—165	42	90	

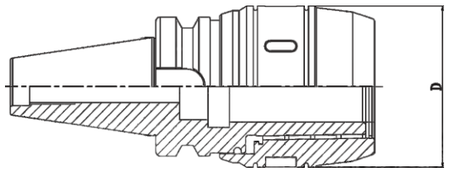
了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

滚针式铣夹头套装 MILLING CHUCK SET

★:具有夹紧力大，定心精度高的特点，特别适用于强力切削加工
★:可适用于机床主轴锥度为MT2～MT5；7:24 30～50及R8锥的各种铣床
★:每套铣夹头包括1支夹头体，整套夹头及1支扳手

★: The milling chuck clamp with exceptional force and with a very tight tolerance on run out
★: Used for the spindle taper of milling machine:R8, MT2 ～ MT5,7:24 30～50
★: A set included:1 collet chuck, full set of collets and 1spann





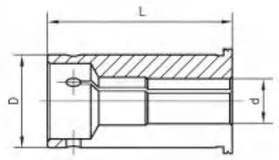
★:订货时，请注明夹头体的型号及拉杆螺纹
Pease notify the thread of collet chuck draw bar
★:我们还可以根据您的要求，提供不同规格及件数的成套夹头，夹头体
We are glad supply collets and chucks with different shank and quantities according to your requirement

型 号 Model No.	支/套 Pcs/set	夹持范围 clamping range (mm)	柄部 Shank	D (mm)
C20	8	4 5 6 8 10 12 14 16	R8 MT2 MT3 MT4 MT5 NT30 NT40 NT50	56
C25	10	4 5 6 8 10 12 14 16 18 20		63
C32	11	4 5 6 8 10 12 14 16 18 20 25		70
C42	12	6 8 10 12 14 16 18 20 25 28 30 32		90

直柄夹头 STRAIGHT SHANK COLLETS

★:采用高强度特殊材质，淬火、回火后经深冷处理，产品性能稳定，耐磨耐用
★:采用滚针式旋转夹紧，力度均匀牢固，降低了切削振动，可用于强力切削
★:属于高精度弹性夹头，定心精度高
★:Adopt high strength special material, after quenching , through cryogenic treatment, the product performance is stable, wear-resisting and durable
★:Adopt needle rolling rotary clamping, the force is even and firm, reduce the cutting vibration, can be used for strong cutting
★:High precision spring collet, high centering accuracy





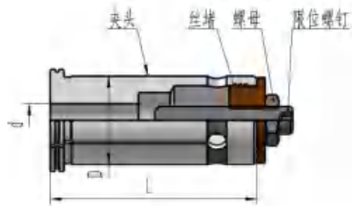
型 号 Model No.	D (mm)	d (mm)	L (mm)
C20	20	4–16	50
C22	22	4–16	55
C25	25	4–20	60
C32	32	4–25	65
C40	40	6–32	80
C42	42	6–32	80

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可限位直柄铣夹头 MILLING COLLET

★:采用高强度特殊材质，淬火、回火后经深冷处理，产品性能稳定，耐磨耐用
★:夹头增加了限位结构，在对刀具定长的同时使夹持更稳固
★:采用滚针式旋转夹紧，力度均匀牢固，降低了切削振动，可用于强力切削
★:属于高精度弹性夹头，定心精度高
★:Adopt high strength special material, after quenching , through cryogenic treatment, the product performance is stable, wear-resisting and durable
★:The clamp has a limit structure, which makes the clamping more stable while the length of the tool is fixed,For strong cutting work.
★:Adopt needle rolling rotary clamping, the force is even and firm, reduce the cutting vibration, can be used for strong cutting
★:High precision spring collet, high centering accuracy



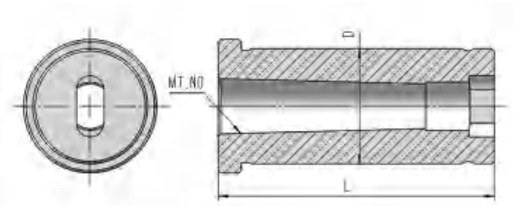


型 号 Model No.	D (mm)	d (mm)	L (mm)
C20	20	4–16	60
C22	22	4–16	65
C25	25	4–20	70
C32	32	4–25	75
C40	40	6–32	90
C42	42	6–32	90

直柄/MT变径铣夹头 MILLING ADAPTER

★:采用高强度特殊材质，淬火、回火后经深冷处理，产品性能稳定，耐磨耐用
★:采用滚针式旋转夹紧，力度均匀牢固，降低了切削振动，可用于强力切削
★:变径套内锥可夹持莫式柄刀具
★:Adopt high strength special material, after quenching , through cryogenic treatment, the product performance is stable, wear-resisting and durable
★:Adopt needle rolling rotary clamping, the force is even and firm, reduce the cutting vibration, can be used for strong cutting
★:The inner cone of the sleeve can clamp the MT cutting tool



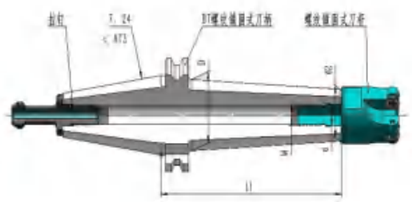


型 号 Model No.	D (mm)	MT. NO	L (mm)
C25	25	MT1	60
C32	32	MT1	65
C40	40	MT1 MT2	80
C42	42	MT1 MT2	80

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螺纹锁固式刀柄 THREAD LOCKING TYPE CHUCK





★：采用高强度特殊材质，经特殊处理后产品具有高耐磨性
★：淬火硬度可达HRC58—62，渗碳深度＞0.8mm
★：标准动平衡精度G6.3／12000rpm
★：The holder is made of imported high strength material and has high wear resistance after special treatment
★：Quenching hardness up to HRC58—62，carburizing depth of＞ 0.8 mm
★：Standard dynamic equilibrium G6.3/12000rpm

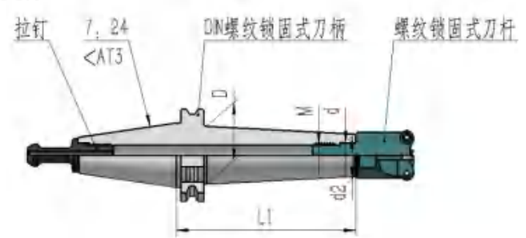
★ ：高性能可换刀头与刚性刀柄的结合采用螺纹链接可迅速更换，降低成本
★ ：螺纹刀柄的锁固方式依靠螺牙来锁紧操作简单方便
★ :The combination of high performance replaceable tool head and rigid tool handle adopts screw jointIt can be replaced quickly to reduce the cost.
★ :The locking method of threaded tool handle relies on the screw teeth for simple locking operationconvenient

型 号 Model No.	M	d1	d2	D	L1
BT30—MCA06—50	6	6.5	10	20	50
BT30—MCA08—50	8	8.5	13	23	50
BT30—MCA08—75	8	8.5	13	23	75
BT30—MCA08—100	8	8.5	13	25	100
BT30—MCA10—50	10	10.5	18	23	50
BT30—MCA10—75	10	10.5	18	28	75
BT30—MCA10—100	10	10.5	18	32	100
BT30—MCA12—50	12	12.5	21	30	50
BT30—MCA12—75	12	12.5	21	31	75
BT30—MCA12—100	12	12.5	21	36	100
BT30—MCA16—50	16	17	29	34	50
BT30—MCA16—75	16	17	29	34	75
BT30—MCA16—100	16	17	29	40	100
BT40—MCA06—50	6	6.5	10	20	50
BT40—MCA08—50	8	8.5	13	23	50
BT40—MCA08—75	8	8.5	13	23	75
BT40—MCA08—100	8	8.5	13	25	100
BT40—MCA10—50	10	10.5	18	23	50
BT40—MCA10—75	10	10.5	18	28	75
BT40—MCA10—100	10	10.5	18	32	100
BT40—MCA12—50	12	12.5	21	30	50
BT40—MCA12—75	12	12.5	21	31	75
BT40—MCA12—100	12	12.5	21	36	100
BT40—MCA16—50	16	17	29	34	50
BT40—MCA16—75	16	17	29	34	75
BT40—MCA16—100	16	17	29	40	100
BT50—MCA06—50	6	6.5	10	20	50
BT50—MCA08—50	8	8.5	13	23	50
BT50—MCA08—75	8	8.5	13	23	75
BT50—MCA08—100	8	8.5	13	25	100
BT50—MCA10—50	10	10.5	18	23	50
BT50—MCA10—75	10	10.5	18	28	75
BT50—MCA10—100	10	10.5	18	32	100
BT50—MCA12—50	12	12.5	21	30	50
BT50—MCA12—75	12	12.5	21	31	75
BT50—MCA12—100	12	12.5	21	36	100
BT50—MCA16—50	16	17	29	34	50
BT50—MCA16—75	16	17	29	34	75
BT50—MCA16—100	16	17	29	40	100

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螺纹锁固式刀柄 THREAD LOCKING TYPE CHUCK





★：采用高强度特殊材质，经特殊处理后产品具有高耐磨性
★：淬火硬度可达HRC58—62 渗碳深度＞0.8mm
★ 标准动平衡精度G6.3／12000rpm
★：The holder is made of imported high strength material and has high wear resistance after special treatment
★： Hardness up to HRC58—62，carburizing depth of ＞0.8mm
★：Standard dynamic equilibrium G6.3 /12000rpm

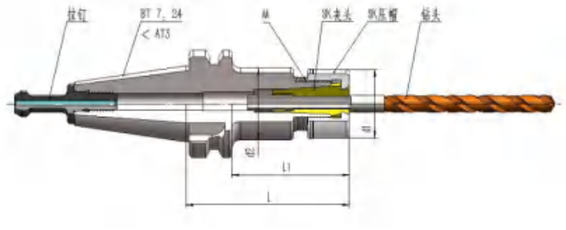
★高性能可换刀头与刚性刀柄的结合采用螺纹链接可迅速更换，降低成本。
★螺纹刀柄的锁固方式依靠螺牙来锁紧操作简单方便
★The combination of high performance replaceable tool head and rigid tool handle adopts screw jointIt can be replaced quickly to reduce the cost.
★The locking method of threaded tool handle relies on the screw teeth for simple locking operationconvenient

型 号 Model No.	M	d	d2	D	L1
DIN69871.30—MCA06—50	6	6.5	10	20	50
DIN69871.30—MCA08—50	8	8.5	13	23	50
DIN69871.30—MCA08—75	8	8.5	13	23	75
DIN69871.30—MCA08—100	8	8.5	13	25	100
DIN69871.30—MCA10—50	10	10.5	18	23	50
DIN69871.30—MCA10—75	10	10.5	18	28	75
DIN69871.30—MCA10—100	10	10.5	18	32	100
DIN69871.30—MCA12—50	12	12.5	21	30	50
DIN69871.30—MCA12—75	12	12.5	21	31	75
DIN69871.30—MCA12—100	12	12.5	21	36	100
DIN69871.30—MCA16—50	16	17	29	34	50
DIN69871.30—MCA16—75	16	17	29	34	75
DIN69871.30—MCA16—100	16	17	29	40	100
DIN69871.40—MCA06—50	6	6.5	10	20	50
DIN69871.40—MCA08—50	8	8.5	13	23	50
DIN69871.40—MCA08—75	8	8.5	13	23	75
DIN69871.40—MCA08—100	8	8.5	13	25	100
DIN69871.40—MCA10—50	10	10.5	18	23	50
DIN69871.40—MCA10—75	10	10.5	18	28	75
DIN69871.40—MCA10—100	10	10.5	18	32	100
DIN69871.40—MCA12—50	12	12.5	21	30	50
DIN69871.40—MCA12—75	12	12.5	21	31	75
DIN69871.40—MCA12—100	12	12.5	21	36	100
DIN69871.40—MCA16—50	16	17	29	34	50
DIN69871.40—MCA16—75	16	17	29	34	75
DIN69871.40—MCA16—100	16	17	29	40	100
DIN69871.50—MCA06—50	6	6.5	10	20	50
DIN69871.50—MCA08—50	8	8.5	13	23	50
DIN69871.50—MCA08—75	8	8.5	13	23	75
DIN69871.50—MCA08—100	8	8.5	13	25	100
DIN69871.50—MCA10—50	10	10.5	18	23	50
DIN69871.50—MCA10—75	10	10.5	18	28	75
DIN69871.50—MCA10—100	10	10.5	18	32	100
DIN69871.50—MCA12—50	12	12.5	21	30	50
DIN69871.50—MCA12—75	12	12.5	21	31	75
DIN69871.50—MCA12—100	12	12.5	21	36	100
DIN69871.50—MCA16—50	16	17	29	34	50
DIN69871.50—MCA16—75	16	17	29	34	75
DIN69871.50—MCA16—100	16	17	29	40	100

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BT/SK SK高转速精密刀柄系列 BT/SK SK high speed precision holder series





★:刀柄采用高强度特殊材质，经特殊处理后产品具有高耐磨性
★:锥度精度：<AT3
★:硬度：HRC58–62
★:渗碳深度 :>0.8mm
★:刀柄精密动平衡 G2.5/20000rpm

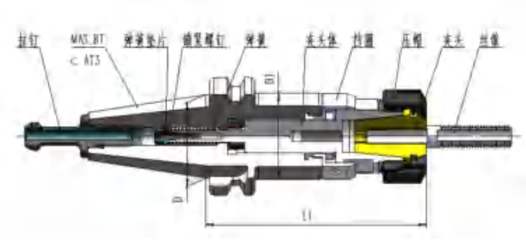
★:The holder is made of imported high strength material and has high wear resistance after special treatment
★:Precision taper:<AT3
★:Hardness:HRC5 8–62
★:Carbon Depth:>0.8mm
★:Shank dynamic balance standard: G2.5/20000rpm

型号Cat.No	d1mm	d2mm	Lmm	M	螺帽Nut
BT30-SK10-60	27.5	27.6	60	M21.5x1.0	SK10
BT30-SK10-90	27.5	27.6	90	M21.5x1.0	SK10
BT30-SK10-120	27.5	27.6	120	M21.5x1.0	SK10
BT30-SK16-60	40	42	60	M32x1.5	SK16
BT30-SK16-90	40	42	90	M32x1.5	SK16
BT30-SK16-120	40	42	120	M32x1.5	SK16
BT30-SK20-60	48	50	60	M40x1.5	SK20
BT30-SK20-90	48	50	90	M40x1.5	SK20
BT40-SK10-60	27.5	27.6	60	M21.5x1.0	SK10
BT40-SK10-90	27.5	27.6	90	M21.5x1.0	SK10
BT40-SK10-120	27.5	27.6	120	M21.5x1.0	SK10
BT40-SK10-150	27.5	27.6	150	M21.5x1.0	SK10
BT40-SK16-60	40	42	60	M32x1.5	SK16
BT40-SK16-90	40	42	90	M32x1.5	SK16
BT40-SK16-120	40	42	120	M32x1.5	SK16

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弹性伸缩攻牙刀柄 ELASTIC EXPANSION TAPPING THE HANDLE



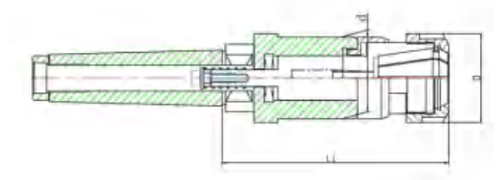


★:该刀柄是攻丝专用刀柄，内部含有弹簧，在柔性攻丝的同时既保护丝锥，防止丝锥折断，也延长了丝锥 的使用寿命
★:攻完螺纹反转时，刀柄在拉伸方向也提供补偿，减少了对丝锥的损伤
★:可用于自动工作机床，多轴攻丝机和没有同步攻丝功能的数控加工中心上
★:Special holder for tapping , with a spring inside, which can not only protect the tap and prevent the tap from breaking, but also extend the service life of the tap
★:When the tap is reversed after tapping, the holder also provides compensation in the drawing direction, reducing the damage to the tap
★:It can be used on automatic working machine tools, multi–axis tapping machines and nc machining centers without synchronous tapping function

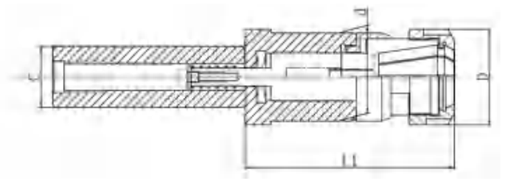
型号 Model No.	D	L1	D1
BT30-TER20-100	31.75	100	36
BT30-TER25-100		100	42
BT40-TER20-100	44.45	100	36
BT40-TER25-110		110	42
BT40-TER32-110		110	46
BT40-TER40-120		120	56
BT50-TER20-120	69.85	120	36
BT50-TER25-120		120	42
BT50-TER32-120		120	46
BT50-TER40-130		130	56
型号 Model No.	D	L1	D1
DIN69871.40-TER20-100	44.45	100	36
DIN69871.40-TER25-110		110	42
DIN69871.40-TER32-110		110	46
DIN69871.40-TER40-120		120	56

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MS／直柄TER攻丝刀柄　MS／ straight shank TER tapping holder



型号 Model No.	L1 mm	D mm	d mm
MS4—TER40	130	63	56
MS4—TER32	120	50	46
MS4—TER25	120	42	42
MS4—TER20	110	34	36



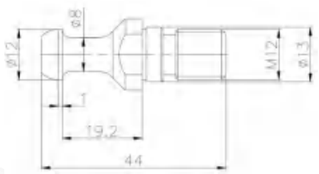
型号 Model No.	L1 mm	d mm	D mm
C32—TER40	130	56	63
C40—TER40	130	56	63
C32—TER32	120	46	50
C40—TER32	120	46	50
C1—1／4—TER32	120	46	50
C40—TER25	120	42	42
C32—TER25M	120	42	35
C32—TER20	110	36	34
C40—TER20	110	36	34

ISO30 木工数控雕刻机刀柄 The handle CNC engraving machine



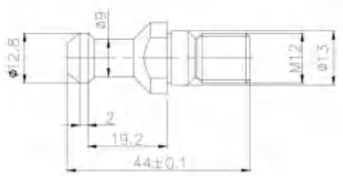
型号 ISO30—ER32—L1	L1	D
ISO30—ER32—45	45	45
ISO30—ER32—60	60	45
ISO30—ER32—100	100	45
ISO30—OZ25—70	70	45

ISO30拉钉 RETENTION KNOB





哥伦布拉钉 COLUMBUS

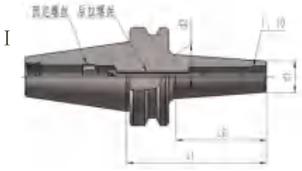




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BT／DC 后拉式立铣刀夹头体　BT／DC SILM—FIT COLLET CHUCK







★：采用高强度特殊材质，经特殊处理后产品具有高耐磨性
★：前端小径设计，降低干涉
★：淬火硬度可达HRC58—62，渗碳深度＞0.8mm
★：标准动平衡精度G2.5／20000rpm

★：The holder is made of imported high strength material and has high wear resistance after special treatment
★：The slim desige reduces interference while cutting
★：Quenching hardness up to HRC58—62，carburizing depth of >0.8 mm
★：Standard dynamic equilibrium2.5/20000rpm

规格Spec.	夹持范围 GrippingRange	筒夹 Collet	L	L	d	d	后拉螺丝 Slim—Fit Screw	固定螺丝 Fixed Screw	扳手 Wrench	扭力值 (N.m)Torque	Fig.	重量 (KGS)Weight
BT30—DC06—70	2—6	DC06	70	38	14	18.1	DC06—M5	DC06—M12	PT5	6.0	I	1.00
BT30—DC06—100			100	68		21.2	DC06—M5					0.60
BT30—DC12—70	3—12	DC12	70	47	26	33.4	DC12—M10	DC12—M14	PT6	10.0	II	0.63
BT30—DC12—100			100	77		38.1						0.84
BT30—DC20—80	3—20	DC20	80	55	34	37.7	DC20—M12	DC20—M16	PT8	12.0		0.68
BT30—DC20—100			100	77		39.2						0.85
BT40—DC06—70	2—6	DC06	70	28	14	17.1	DC06—M5	DC06—M12	PT5	6.0	I	1.2
BT40—DC06—100			100	58		20.1	DC06—M5					1.2
BT40—DC12—70	3—12	DC12	70	33	26	31	DC12—M10	DC12—M14	PT6	10.0	II	1.3
BT40—DC12—100			100	63		31.6	DC12—M10					1.38
BT40—DC20—70	3—20	DC20	70	33	35	38.1	DC20—M12	DC20—M16	PT8	12.0		1.50
BT40—DC20—100			100	68		41	DC20—M12					1.45
BT50—DC06—70	2—6	DC06	70	17	14	15.9	DC06—M5	DC06—M12	PT5—S	6.0	I	4.00
BT50—DC06—100			100	47		19.1	DC06—M5					3.93
BT50—DC12—70	3—12	DC12	70	22	26	28.1	DC12—M10	DC12—M14	PT6—S	10.0	II	4.00
BT50—DC12—100			100	52		30.6	DC12—M10					4.30
BT50—DC20—70	3—20	DC20	70	22	35	36.9	DC20—M12	DC20—M16	PT8—S	12.0		3.90
BT50—DC20—100			100	52		39.6	DC20—M12					4.70

PT扳手 PT—Type Wrench



规格 Spec.	S	L	扭力值 (N.m)Torque
PT5	5	70	6.0
PT5—S		130	
PT6	6	70	10.0
PT6—S		130	
PT8	8	140	12.0

固定螺丝 Fixed Screw

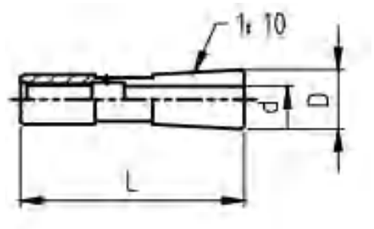


规格Spec.
DC06—M12
DC12—M14
DC20—M16

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DC专用夹头 DC COLLET





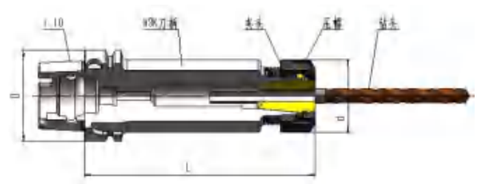
★:采用高强度特殊材质，淬火、回火后经深冷处理，产品性能稳定，耐磨耐用
★:属于高精度弹性夹头，定心精度高
★:适用模具产业
★:Adopt high strength special material, after quenching , through cryogenic treatment, the product performance is stable, wear-resisting and durable
★:High precision spring collet, high centering accuracy
★:Applicable industry ： mold industry

规格 Spec.	夹持范围d Clamping Range	D	L	刀具最小夹持长度 Min.	(KGS) Weight
DC06-d	2.0-6.0	9.6	36	16	0.02
DC12-3	3.0	22	60	20	0.06
DC12-4	4.0			22	0.18
DC12-5	5.0				0.18
DC12-6	6.0				0.18
DC12-8	8.0			30	0.06
DC12-10	10.0				0.06
DC12-12	12.0			22	0.18
DC20-3	3.0	27	70	20	0.20
DC20-4	4.0			22	0.20
DC20-5	5.0				0.20
DC20-6	6.0				0.20
DC20-8	8.0			32	0.20
DC20-10	10.0				0.18
DC20-12	12.0				0.16
DC20-16	16.0				0.14
DC20-20	20			26	0.20

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HSK(A型)ER铣刀柄 ER COLLET CHUCK





★:HSK刀柄采用高强度材质加工，在淬火、回火后经深冷处理，性能稳定，耐磨耐用
★:属于高速切削应用刀具的柄，可承受最大弯矩、扭矩
★:ER夹头符合DIN6499标准
★:整支通孔，利于出水防震
★:夹头精度有标准级（0.01mm以内），A级（0.005mm）
★:刀具置入筒夹必须先置入螺帽，再装入刀具，最后锁固入刀柄体

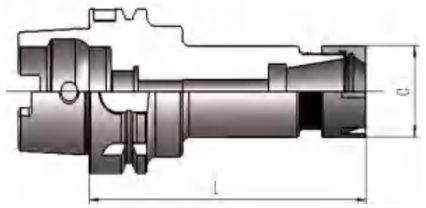
★:Adopt high strength special material, after quenching , through cryogenic treatment, the product performance is stable, wear-resisting and durable
★: HSK tool holderis used for high speed cutting applications , can withstand the maximum bending moment, torque
★:nut with balls, strong clamping power,Special purpose for heavy cutting.
★:Standard: DIN6388
★:With whole through hole, is beneficial to prevent vibration when water out
★:First put the collet into the nut, then the drill bit into collet, and finally tighten the nutto lock the holder

型号 Model No HSK.A-ER-L1	夹持范围 clamping range	L mm	d mm	D mm
HSK40A-ER20-80	1-13	80	34	40
HSK40A-ER25-80	1-16	80	42	40
HSK50A-ER16-80	1-10	80	28	50
HSK50A-ER16-100	1-10	100	28	50
HSK50A-ER25-80	1-16	80	42	50
HSK50A-ER25-100	1-16	100	42	50
HSK50A-ER32-100	2-20	100	50	50
HSK50A-ER32-120	2-20	120	50	50
HSK63A-ER16-80	1-10	80	28	63
HSK63A-ER16-100	1-10	100	28	63
HSK63A-ER25-80	1-16	80	42	63
HSK63A-ER25-100	1-16	100	42	63
HSK63A-ER25-120	1-16	120	42	63
HSK63A-ER32-80	2-20	80	50	63
HSK63A-ER32-100	2-20	100	50	63
HSK63A-ER32-120	2-20	120	50	63
HSK63A-ER40-80	3-26	80	63	63
HSK63A-ER40-100	3-26	100	63	63
HSK63A-ER40-120	3-26	120	63	63
HSK100A-ER25-100	1-16	100	42	100
HSK100A-ER25-120	1-16	120	42	100
HSK100A-ER32-100	2-20	100	50	100
HSK100A-ER32-120	2-20	120	50	100
HSK100A-ER40-100	3-26	100	63	100
HSK100A-ER40-120	3-26	120	63	100

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HSK(A型)ERM型铣刀柄 COLLET CHUCK





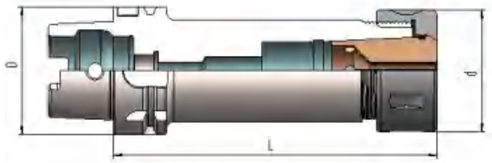
★:HSK刀柄采用高强度材质加工，在淬火、回火后经深冷处理，性能稳定，耐磨耐用
★:该刀柄是用于高速切削应用刀具的柄，可承受最大弯矩、扭矩
★:夹头样式有弹性、止水、刚性攻丝、攻丝止水可供选择。
★:整支通孔，利于出水防震
★:刀柄内锥跳动精度0.002mm
★: 刀具置入筒夹必须先置入螺帽，再装入刀具，最后锁固入刀柄体
★: HSK Adopt high strength special material, after quenching , through cryogenic treatment, the product performance is stable, wear-resisting and durable
★: HSK tool holderis used for high speed cutting applications , can withstand the maximum bending moment, torque
★: Collet has spring sealed , tapping, tapping sealed and other types available.
★: With whole through hole, is beneficial to prevent vibration when water out
★:The chuckrun-out precision havestandard grade 0.002mm
★:First put the collet into the nut, then the drill bit into collet, and finally tighten the nutto lock the holder

型号 MODEL No.	夹持范围CLAMPING RANGE	C mm	L mm	NUT/COLLET	重量(kg)
HSK 50A-ER11M-75	0.5~7.0	16	75	ER11M/ER11	0.3
HSK 50A-ER16M-90	0.5~10.0	22	90	ER16M/ER16	0.4
HSK 50A-ER20M-95	0.5~13.0	28	95	ER20M/ER20	0.8
HSK 50A-ER25M-105	1.0~16.0	35	105	ER25M /ER25	1.2
HSK 63A-ER11M-75	0.5~7.0	16	75	ER11M/ER11	0.8
HSK 63A-ER16M-90	0.5~10.0	22	90	ER16M/ER16	1.0
HSK 63A-ER20M-95	0.5~13.0	28	95	ER20M/ER20	1.2
HSK 63A-ER25M-105	1.0~16.0	35	105	ER25M/ER25	1.4
HSK100A-ER11M-85	0.5~7.0	16	85	ER11M/ER11	2.4
HSK100A-ER16M-95	0.5~10.0	22	95	ER16M/ER16	2.7
HSK100A-ER20M-105	0.5~13.0	28	105	ER20M/ER20	3.0
HSK100A-ER25M-120	1.0~16.0	35	120	ER25M/ER25	3.2

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HSK(A型)EOC/OZ型铣刀柄 COLLET CHUCK





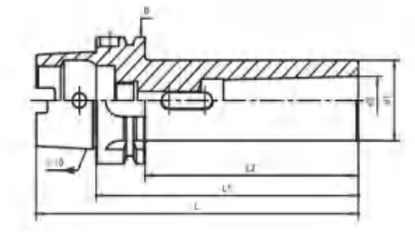
★:HSK刀柄采用高强度材质加工，在淬火、回火后经深冷处理，性能稳定，耐磨耐用
★:该刀柄是用于高速切削应用刀具的柄，可承受最大弯矩、扭矩
★:钢珠螺帽设计，增大了夹持力，属于重切削专用
★:筒夹规格符合DIN6388标准
★:整支通孔，利于出水防震
★: 刀具置入筒夹必须先置入螺帽，再装入刀具，最后锁固入刀柄体
★:Adopt high strength special material, after quenching , through cryogenic treatment, the product performance is stable, wear-resisting and durable
★: HSK tool holderis used for high speed cutting applications , can withstand the maximum bending moment, torque
★:nut with balls, strong clamping power,Special purpose for heavy cutting.
★:Standard: DIN6388
★:With whole through hole, is beneficial to prevent vibration when water out
★:First put the collet into the nut, then the drill bit into collet, and finally tighten the nutto lock the holder

规 格 TYPE —L	L mm	D mm	d mm	重量(KGS) WEIGHT
HSK 50A-OZ25-100	100	50	60	1.10
HSK 50A-OZ25-120	120			1.30
HSK 50A-OZ25-150	150			1.50
HSK 50A-OZ32-120	120		72	2.1
HSK 50A-OZ32-150	150			2.30
HSK 63A-OZ25-100	100	63	60	1.30
HSK 63A-OZ25-120	120			1.50
HSK 63A-OZ25-150	150			1.70
HSK 63A-OZ32-120	120		72	2.30
HSK 63A-OZ32-150	150			2.50
HSK100A-OZ25-100	100	100	60	3.50
HSK100A-OZ25-120	120			3.70
HSK100A-OZ25-150	150			4.70
HSK100A-OZ32-130	130		72	4.10
HSK100A-OZ32-150	150			4.50

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HSK（A型）变径套 MORSE TAPER ADAPTER





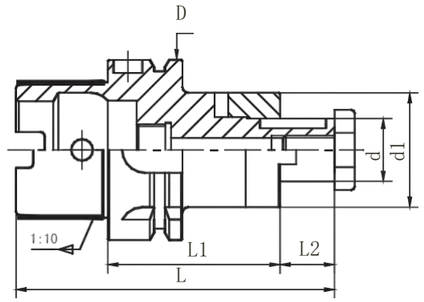
★:HSK刀柄采用高强度材质加工，在淬火、回火后经深冷处理，性能稳定，耐磨耐用
★:该刀柄是用于高速切削应用刀具的柄，可承受最大弯矩、扭矩
★:内锥可装夹刀具用于加工零件
★:可快速取出刀具，使用方便
★:降低了刀具和刀套的磨损度
★: Adopt high strength special material, after quenching , through cryogenic treatment, the product performance is stable, wear–resisting and durable
★ HSK tool handle is used for high speed cutting applications tool handle, can withstand the maximum bending moment, torque
★: The inside cone can be installed clamping tool for processing parts
★ Can quickly take out the tool, easy to use
★ reduced tool and tool wear
★ Reduced tool and tool wear

型 号 Model No. HSK.A–MS–L1	Lmm	L2mm	Dmm	d1mm	d2mm
HSK50A–MS2–120	145	94	50	32	17.780
HSK50A–MS3–140	165	114	50	40	23.825
HSK63A–MS2–120	152	94	63	32	17.780
HSK63A–MS3–140	172	114	63	40	23.825
HSK63A–MS4–160	192	134	63	48	31.267
HSK100A–MS1–110	160	81	100	25	12.065
HSK100A–MS2–120	170	91	100	32	17.780
HSK100A–MS3–150	200	121	100	40	23.825
HSK100A–MS4–170	220	141	100	48	31.267
HSK100A–MS5–200	250	171	100	63	44.399

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HSK（A型）混合插入式铣刀柄 COMBI–SHELL END MILL HOLDER





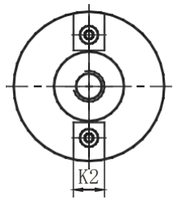
★:HSK刀柄采用高强度材质在淬火、回火后经深冷处理，性能稳定，耐磨耐用
★:该刀柄是用于高速切削应用刀具的柄，可承受最大弯矩、扭矩
★:前端装配刀盘，用于各种铣削
★: 此结构有助于缓冲和均匀分布切削力
★: Adopt high strength special material, after quenching , through cryogenic treatment, the product performance is stable, wear–resisting and durable
★ HSK tool holder is used for high speed cutting applications tool handle, can withstand the maximum bending moment, torque
★: Front end assembly cutter disc, used for all kinds of milling
★ This structure helps to buffer and evenly distribute cutting forces

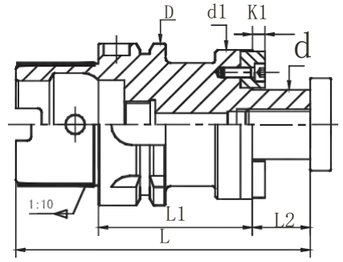
型 号 Model No.HSK.A–d–L1	L mm	L2 mm	D mm	d mm	d1 mm
HSK50A–16–50	92	17	50	16	32
HSK50A–22–50	94	19	50	22	40
HSK50A–27–65	111	21	50	27	48
HSK50A–32–65	114	24	50	32	58
HSK63A–16–60	109	17	63	16	32
HSK63A–22–60	111	19	63	22	40
HSK63A–27–60	113	21	63	27	48
HSK63A–32–60	116	24	63	32	58
HSK63A–40–60	119	27	63	40	70
HSK100A–22–60	127	17	100	22	40
HSK100A–27–60	129	19	100	27	48
HSK100A–32–60	131	21	100	32	58
HSK100A–40–60	134	24	100	40	70
HSK100A–50–70	147	27	100	50	90
HSK100A–50–80	160	30	100	50	90

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HSK（A型）套式铣刀柄　SHELL END MILL HOLDER







★:HSK刀柄采用高强度材质加工，在淬火、回火后经深冷处理，性能稳定，耐磨耐用
★:该刀柄是用于高速切削应用刀具的柄，可承受最大弯矩、扭矩
★:前端装配刀盘，用于各种铣削
★:此结构有助于缓冲和均匀分布切削力
★: Adopt high strength special material, after quenching , through cryogenic treatment, the product performance is stable, wear-resisting and durable
★ HSK tool holder is used for high speed cutting applications tool handle, can withstand the maximum bending moment, torque
★: Front end assembly cutter disc, used for all kinds of milling
★ This structure helps to buffer and evenly distribute cutting forces

型 号 Model No.HSK.A—d—L1	L mm	L2 mm	D mm	d1 mm	k1 mm	k2 mm
HSK40A—16—50	86	16	40	38	3.8	8
HSK40A—22—60	98	18	40	48	4.8	10
HSK40A—27—60	100	20	40	60	5.8	12
HSK40A—32—60	102	22	40	62	6.8	14
HSK50A—16—50	91	16	50	38	3.8	8
HSK50A—22—60	103	18	50	48	4.8	10
HSK50A—27—60	105	20	50	60	5.8	12
HSK50A—32—60	107	22	50	62	6.8	14
HSK63A—16—50	98	16	63	38	3.8	8
HSK63A—22—50	100	18	63	48	4.8	10
HSK63A—27—60	112	20	63	60	5.8	12
HSK63A—32—60	116	22	63	62	6.8	14
HSK63A—40—60	119	25	63	78	8.3	16
HSK100A—22—50	118	18	100	48	4.8	10
HSK100A—27—50	120	20	100	60	5.8	12
HSK100A—32—50	122	22	100	62	6.8	14
HSK100A—40—60	135	25	100	78	8.3	16

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HSK刀柄-侧固式　HSK-SIDE LOCK TOOL HOLDER



FIG I

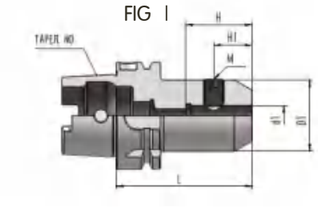
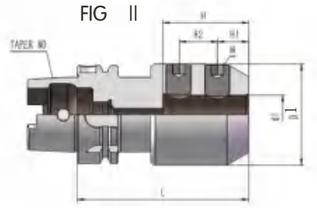


FIG II



★:HSK刀柄采用高强度材质加工，在淬火、回火后经深冷处理，性能稳定，耐磨耐用
★:该刀柄是用于高速切削应用刀具的柄，可承受最大弯矩、扭矩
★:锥度精度＜AT3
★:硬度：HRC58~62，渗碳深度＞0.8mm

★: Adopt high strength special material, after quenching , through cryogenic treatment, the product performance is stable, wear-resisting and durable
★: HSK tool holder is used for high speed cutting applications tool handle, can withstand the maximum bending moment, torque
★: Taper accuracy < AT3
★: Hardness: HRC58~62, carburized depth of > 0.8

型号 MODEL No.	d1 mm	D1 mm	L mm	H mm	H1 mm	M	FIG.	重量(kg)
HSK40A-SLN6-60	6	25	60	35	18	M6	I	0.30
HSK40A-SLN8-60	8	28	60	35	18	M8	I	0.30
HSK40A-SLNI0-60	10	35	60	35.5	20	M10	I	0.40
HSK40A-SLN12-70	12	40	70	36	22.5	M12	I	0.40
HSK40A-SLN14-70	14	42	70	36	22.5	M12	I	0.60
HSK40A-SLN16-80	16	44	80	46	24	M14	I	0.70
HSK50A-SLN6-65	6	25	65	35	18	M6	I	0.80
HSK50A-SLN8-65	8	28	65	35	18	M8	I	0.80
HSK50A-SLN10-65	10	35	65	35.5	20	M10	I	1.20
HSK50A-SLN12-80	12	40	80	36	22.5	M12	I	1.30
HSK50A-SLN14-80	14	42	80	36	22.5	M12	I	1.30
HSK50A-SLN16-80	16	44	80	46	24	M14	I	1.40
HSK50A-SLN18-80	18	46	80	46	24	M14	I	1.50
HSK50A-SLN20-80	20	50	80	48	25	M16	I	0.80
HSK63A-SLN6-65	6	25	65	35	18	M6	I	0.80
HSK63A-SLN8-65	8	28	65	35	18	M8	I	0.8
HSK63A-SLN10-65	10	35	65	35.5	20	M10	I	0.90
HSK63A-SLN12-80	12	40	80	36	22.5	M12	I	1.10
HSK63A-SLN14-80	14	42	80	36	22.5	M12	I	1.20
HSK63A-SLN16-80	16	44	80	46	24	M14	I	1.30
HSK63A-SLN18-80	18	46	80	46	24	M14	I	1.40
HSK63A-SLN20-80	20	50	80	48	25	M16	I	1.50
HSK63A-SLN25-110	25	53	110	55	25	M18	II	2.30
HSK63A-SLN32-110	32	61	110	57	28	M20	II	2.60
HSK100A-SLN6-80	6	25	80	35	18	M6	I	2.15
HSK100A-SLN8-80	8	28	80	35	18	M8	I	2.20
HSK100A-SLN10-80	10	35	80	35.5	20	M10	I	2.35
HSK100A-SLN12-80	12	40	80	36	22.5	M12	I	2.45
HSK100A-SLN14-80	14	442	80	36	22.5	M12	I	2.65
HSK100A-SLN16-100	16	44	100	46	24	M14	I	2.85
HSK100A-SLN18-100	18	46	100	46	24	M14	I	2.90
HSK100A-SLN20-100	20	50	100	48	25	M16	I	2.95
HSK100A-SLN25-100	25	53	100	55	25	M18	II	3.45
HSK100A-SLN32-100	32	61	100	57	28	M2O	II	3.65
HSK100A-SLN40-120	40	80	120	68	32	M20	II	5.50

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HSK数控强力刀柄 MILLING CHUCK ARBORS



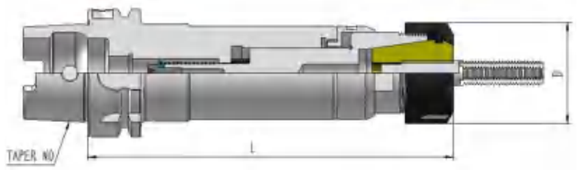


★:刀柄采用高强度材质在淬火、回火后经深冷处理，性能稳定，耐磨耐用
★:HSK刀柄是用于高速切削应用刀具的柄，可承受最大弯矩、扭矩
★:具有夹紧力大，定心精度高的特点，特别适用于强力切削加工
★: Adopt high strength special material, after quenching , through cryogenic treatment, the product performance is stable, wear-resisting and durable
★: HSK tool holderis used for high speed cutting applications tool handle,can withstand the maximum bending moment, torque
★: With the characteristics of large clamping force and high centering accuracy,especially suitable for strong cutting

型 号 MODEL No.	d1 mm	D mm	D1 mm	L mm	重量(kg)
HSK50A-C20-110	20	50	54	110	1.30
HSK63A-C20-105	20	63	54	105	1.50
HSK63A-C25-120	25	63	62.5	120	2.20
HSK63A-C32-130	32	63	70	130	2.70
HSK100A-C20-110	20	100	54	110	3.50
HSK100A-C25-130	25	100	62.5	130	3.80
HSK100A-C32-135	32	100	70	135	4.20
HSK100A-C42-140	42	100	87	140	5.30

HSK—TER 刀柄

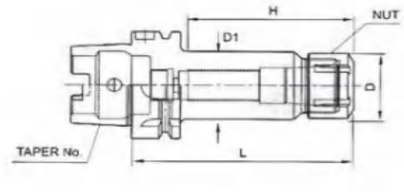
★:该刀柄是攻丝专用刀柄，内部含有弹簧，在柔性攻丝的同时既保护丝锥，防止丝锥折断，也延长了丝锥 的使用寿命
★:攻完螺纹反转时，刀柄在拉伸方向也提供补偿，减少了对丝锥的损伤
★:Special holder for tapping , with a spring inside, which can not only protect the tap and prevent the tap from breaking, but also extend the service life of the tap
★:When the tap is reversed after tapping, the holder also provides compensation in the drawing direction, reducing the damage to the tap



型 号 MODEL No.	尺寸 TAP SIZE	夹持范围 CLAMPING RANGE	NUT	D mm	L mm
HSK63A-TER16-175	M3~M10	4.0~7.0	ER16	28	175
HSK63A-TER20-180	M3~M14	4.0 ~ 10.5	ER20	34	180
HSK63A-TER32-185	M4~M18	5.0~14.0	ER32	50	185

HSK刀柄-SK系列 HSK HEAT SHRINKABLE SHANK-SK SERIES





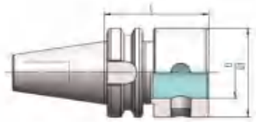
★:刀柄采用高强度材质在淬火、回火后经深冷处理，性能稳定，耐磨耐用
★:HSK刀柄是用于高速切削应用刀具的柄，可承受最大弯矩、扭矩
★:SK夹头具有高转速，高精度特性，是数控机床专用夹头
★: Adopt high strength special material, after quenching , through cryogenic treatment, the product performance is stable, wear-resisting and durable
★: HSK tool holderis used for high speed cutting applications ,it can withstand the maximum bending moment andtorque
★: SK chuck with high speed, high precision characteristics, is a special chuck CNC machine tools

型号 MODEL No.	D mm	D1 mm	L mm	H Min	H Max
HSK32A-SK06-50	20	19.5	50	21	35
HSK32A-SK10-60	28	27.5	60	30	50
HSK40A-SK06-60	20	19.5	60	21	35
HSK40A-SK10-60	28	27.5	60	30	50
HSK40A-SK13-80	33	33	80	31	65
HSK50A-SK06-80	20	19.5	80	21	35
HSK50A-SK10-100	28	27.5	100	30	50
HSK50A-SK13-100	33	33	100	31	65
HSK63A-SK06-100	20	19.5	100	21	35
HSK63A-SK10-100	28	27.5	100	30	50
HSK63A-SK13-100	33	33	100	31	65
HSK63A-SK16-120	40	40	120	45	70
HSK63A-SK20-120	48.5	48.5	120	65	75
HSK63A-SK25-150	55	55	150	55	85
HSK80A-SK6-100	20	19.5	100	21	35
HSK80A-SK10-120	28	27.5	120	30	50
HSK80A-SK13-120	33	33	120	31	65
HSK80A-SK16-120	40	40	120	45	70
HSK80A-SK20-130	48.5	48.5	130	65	75
HSK80A-SK25-150	55	55	150	55	85
HSK100A-SK06-120	20	19.5	120	21	35
HSK100A-SK10-150	28	27.5	150	30	50
HSK100A-SK13-150	33	40	150	31	65
HSK100A-SK16-150	40	40	150	45	70
HSK100A-SK20-150	48.5	48.5	150	65	75
HSK100A-SK25-160	55	55	160	55	85

BT 组合基础刀柄　BORING SHANK

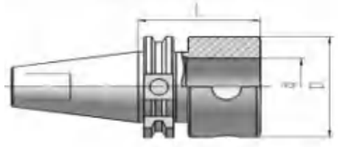
★:采用高强度特殊材质加工，产品性能稳定，耐磨耐用
★:柄部与机床主轴连接，前端内孔配装不同规格的组合刀柄
★:Adopt high strength special material,through cryogenic treatment, the product performance is stable, wear-resisting and durable
★:The holder is connected with the machine , front end assembly can be fitted with different specifications of the tool





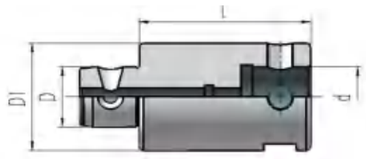
Cone	型 号 Modelo	D mm	D1 mm	L mm
BT 40	BT 40 MD22-40	22	50	54
	BT 40 MD28-50	28	50	54
	BT 40 MD36-63	36	63	66
BT 50	BT 50 MD28-50	28	50	65
	BT 50 MD36-63	36	63	75
	BT 50 MD36-80	36	80	75





Cone	Modelo	d mm	D mm	L mm
DIN40	SK40 MD28-50	28	50	46
	SK40 MD36-63	36	63	66
DIN50	SK50 MD28-50	28	50	46
	SK50 MD36-63	36	63	56
	SK50 MD36-80	36	80	56



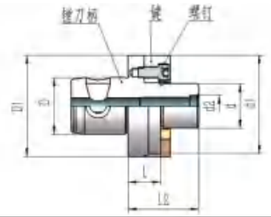


Modelo—L	D mm	d mm	D1 mm
CK22-CK22-40-40	22	22	40
CK28-CK28-50-40	28	28	50
CK28-CK28-50-80			
CK28-CK28-50-100			
CK36-CK36-63-50	36	36	63
CK36-CK36-63-80			
CK36-CK36-63-125			
CK36-CK36-80-50	36	36	80
CK36-CK36-80-80			
CK36-CK36-80-125			
CK36-CK36-80-275			

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组合刀柄系列COMBINATION SERIES

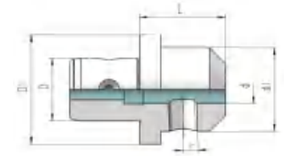


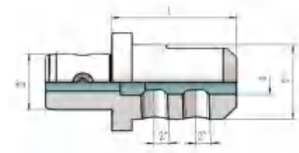


★:采用高强度特殊材质加工，产品性能稳定，耐磨耐用
★:柄部与基础刀柄配装，前端内孔装夹不同规格的刀具
★:The holder is made of imported high strength material and has high wear resistance after special treatment
★:the collet can be fitted with different specifications of the tool

Modelo	L (mm)	L2 (mm)	D (mm)	D1 (mm)	d (mm)	d1 (mm)	d2 (mm)
CK28-FMB16-50-16	16	33	28	50	16	38	M8x1.25
CK28-FMB22-50-16	16	35	28	50	22	48	M10x1.5
CK36-FMB22-63-16	16	35	36	63	22	48	M10x1.5
CK36-FMB27-63-16	16	37	36	63	27	58	M12x1.75
CK36-FMB32-78-16	16	40	36	78	32	78	M16x2.0







Modelo	L (mm)	D (mm)	D1 (mm)	d (mm)	d1 (mm)
CK28-H2M6-50-36	36	28	50	6	25
CK28-H2M8-50-36	36	28	50	8	28
CK28-H2M10-50-44	44	28	50	10	35
CK28-H2M12-50-44	44	28	50	12	42
CK28-H2M14-50-44	44	28	50	14	44
CK28-H2M16-50-49	49	28	50	16	48
CK28-H2M18-50-49	49	28	50	18	50
CK28-H2M20-52-60	60	28	52	20	52
CK36-H2M6-63-36	36	36	63	6	25
CK36-H2M8-63-36	36	36	63	8	28
CK36-H2M10-63-44	44	36	63	10	35
CK36-H2M12-63-44	44	36	63	12	42
CK36-H2M14-63-44	44	36	63	14	44
CK36-H2M16-63-49	49	36	63	16	48
CK36-H2M18-63-49	49	36	63	18	50
CK36-H2M20-63-49	49	36	63	20	52
CK36-H2M25-63-75	75	36	63	25	63
CK36-H2M32-72-75	75	36	72	32	72



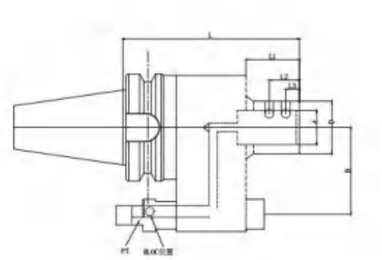


Modelo	L (mm)	D (mm)	D1 (mm)	d (mm)	d1 (mm)
CK28-ER32-50-57	57	28	50	50	2-20
CK36-ER32-63-57	57	36	63	50	2-20
CK36-ER40-63-64	64	36	63	63	3-26

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BT_SLO油路刀柄 BT_SLO Oil Road Handle





型号 Model No.	D mm	d mm	L1 mm	L2 mm	L3 mm	B mm	D1 mm
BT40-SL032-150	53	32	50	15	15	60/65	36
SL040-150	60	40	50	18	19	60/65	42
BT50-SL032-160	54	32	50	15	15	80/82	36
SL040-160	64	40	50	18	19	80/82	42

油路刀柄安装示意图

油路刀柄安装调整步骤

1. 确认刀柄的中心至定位柱的距离：BT40=65mm:BT50=80mm. 再与机床主转中心至固定座距离做对比，若距离不符，使用厂家调整固定座进水孔位置，再行安装（固定块需要根据机床主轴端面的防尘盖螺孔配）

2. 安装

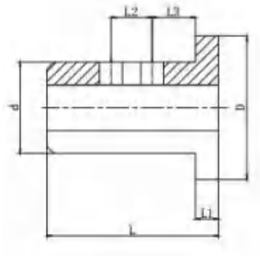
a. 首先把固定块安装在机床端面，固定块进水管接上。
b. 油路刀柄安装，先把定位键上 M6 螺丝松开，使定位柱能够自由上下移动（注：定位柱下有弹簧），定位环上 3 只 M6 螺丝松开使用与油路刀柄主轴自由转动（注：螺丝不能太松）
c. 机床主轴锁紧，调整油路刀柄键槽与机床主轴位置，使其对其同时调整定位柱角度，使其对其定位块出水孔，压紧定位柱后把油路刀柄装在机床主轴上，（注：装上后要检测定位柱与定位块是否对齐且定位柱上端面要与定位块下端面贴紧，否则会出现漏水，如不能紧贴，需调整定位块向下的距离或定位亏厚度）
d. 检查是否装好后打开出水，检查出水是否从油路刀柄中心或其它地方是否漏水，机床。

以上完成后，先用 S100-300-500 进行油路刀柄跑合（10 分钟）在使用过程中最高转速不得超过 BT40S3500, BT50S300.

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CSO油路刀套 CSO Oil-feed Holders Reducing Sleeve



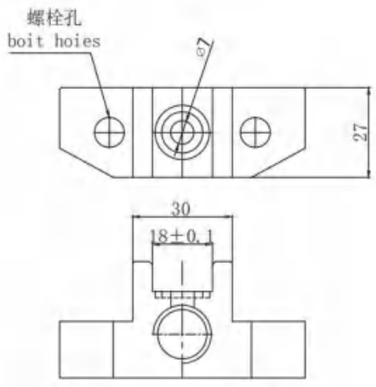


型号 Model No.	D mm	d mm	L1 mm	L2 mm	L3 mm	L mm	重量
CSO 32-16	53	32	10	15	15	65	0.40
32-20	53	32	10	15	15	65	0.35
32-25	53	32	10	15	15	65	0.26
40-16	63	40	10	18	19	75	0.74
40-20	63	40	10	18	19	75	0.68
40-25	63	40	10	18	19	75	0.59
40-32	63	40	10	18	19	75	0.41

SLO 油路止动块
CSO Oil Road Stop Block

型号 Model No.	重量
BT40PB30-35	0.53
BT50PB30-35	0.46



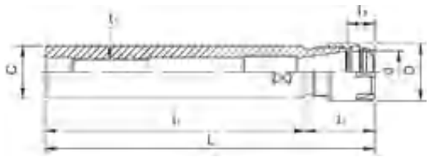


注意在使用油路刀柄时，止动块是必须的配套附件，止动块可以安装到ATC等机器上，因此，随着出现越来越多的不同型号的机器，有必要与机器制造商协商正确安装。
Note that the stop block is a necessary accessory when using the oil -feed holder. The stop block can be installed on ATC and other machines. Therefore, with more and more different types of machines, it is necessary to consult with the machine manufacturer for proper installation.

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

C/ER 直柄延长杆（M型小径螺帽）C/ER Straight shank collet chuck and extension type





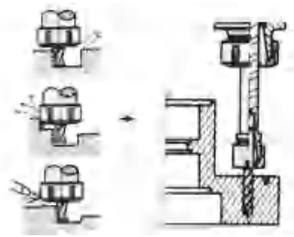
★:采用高强度特殊材质加工，产品性能稳定，耐磨耐用
★:柄身细长，防干涉，适用于深孔加工
★:可减少加长刀具的使用，降低成本，提高效率
★:经精密研磨，有效保证高精度
★:螺帽直接拧紧，刚性高，夹持力强
★:Adopt high strength special material, through cryogenic treatment, the product performance is stable, wear-resisting and durable
★: Long shank, suitable for deep hole processing
★: Can reduce the use of lengthened tools, reduce costs, improve efficiency
★: Precision grinding, effectively ensure high precision
★: Nut directly tightened, high rigidity, strong blessing force

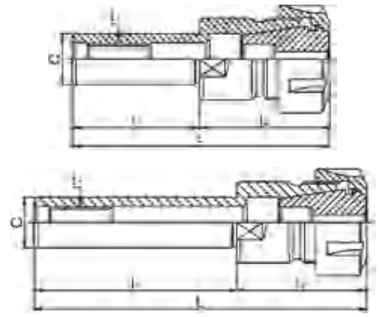
型 号 Model No. L1	L mm	l_2 mm	l_3 mm	D mm	t1
C 8— ER8M—55	79	24			
C10— ER8M—100	117				
C10— ER8M—150	167				
C10— ER8M—180	197	17	6	12	
C12— ER8M—55	72				
C12— ER8M—120	137				
C12— ER8M—180	206.5	26.5			
C12— ER11M—80	96.6				
C16— ER11M—50	66.6	16.6	6.6	16	M5×0.8
C16— ER11M—100	116.6				
C16— ER11M—140	156.6				
C16— ER16M—80	105				
C20— ER16M—100	125	25	10.6	22	M10×1.5
C20— ER16M—140	165				
C20— ER16M—160	185				
C20— ER20M—60	100				
C20— ER20M—100	140				
C20— ER20M—120	160	40	11.5	28	M12×1.75
C20— ER20M—150	190				
C20— ER20M—180	220				
C25— ER20M—140	168	28			
C20— ER25M—100	150	50	12	35	

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C/ER 直柄延长杆 C/ER Straight shank collet chuck and extension type







★:采用高强度特殊材质加工，产品性能稳定，耐磨耐用
★:柄身细长，防干涉，适用深孔加工
★:可减少加长刀具的使用，降低成本，提高效率
★:经精密研磨，有效保证高精度
★:螺帽直接拧紧，刚性高，夹持力强
★:Adopt high strength special material, through cryogenic treatment, the product performance is stable, wear-resisting and durable
★: Long shank, suitable for deep hole processing
★: Can reduce the use of lengthened tools, reduce costs, improve efficiency
★: Precision grinding, effectively ensure high precision
★: Nut directly tightened, high rigidity, strong blessing force

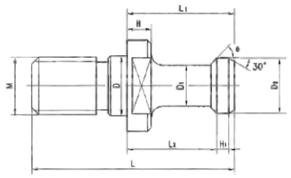
型 号 Model No.	Lmm	$l_2$mm	t_1	重量(kg) Weight
C16— ER11A—140	156.5	16.6	M6×1.0	0.23
C16— ER16A—50	90	40	M10×1.5	0.15
C16— ER16A—100	140			0.20
C16— ER16A—150	190			0.28
C20— ER16A—50	90		M12×1.75	0.25
C20— ER16A—100	140			0.35
C20— ER16A—150	190			0.40
C20— ER20A—60	100.5	40.5		0.35
C20— ER20A—120	160.5			0.40
C20— ER20A—180	220.5			0.50
C20— ER20A—140	180.5			0.50
C20— ER25—50	101	51		0.40
C20— ER25—100	151			0.45
C20— ER32—50	101.5	51.5	M10×1.5	0.42
C20— ER32—100	151.5			0.55
C25— ER16A—150	185.1	35.1		0.45
C25— ER20A—140	180.5	40.5	M12×1.75	0.55
C25— ER25—50	101	51	M16×2.0	0.40
C25— ER25—100	151			0.55
C25— ER32—50	101.5	51.5		0.60
C25— ER40—50	115	65		2.10
C32— ER32—60	111.5	51.5		1.15
C32— ER32—100	151.5			0.80
C32— ER40—50	115	65		2.23

了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

MAS403-1982 BT刀柄用拉钉 RETENTION KNOB

★:采用高强度特殊材质加工，淬火、回火后经特殊处理，产品性能稳定，耐磨耐用
★:拉钉一端和机床卡口相连，一端和刀柄相连，起到对刀柄锁紧的作用
★:Adopt high strength special material, after quenching , through cryogenic treatment, the product performance is stable, wear-resisting and durable
★:One end of the pull stud is connected with the bayonet of the machine , and the other end is connected with the tool holder to lock it

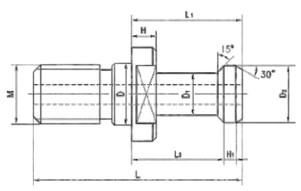




型 号 Model No.	Dmm	D1mm	D2mm	Mmm	Lmm	L1mm	L2mm	Hmm	H1mm	θ
LDB-P30T(θ)	12.5	7	11	M12	43	23	18	5	2.5	45° 60° 90
LDB-P40T(θ)	17	10	15	M16	60	35	28	6	3	45° 60° 90
LDB-P45T(θ)	21	14	19	M20	70	40	31	8	4	45° 60° 90
LDB-P50T(θ)	25	17	23	M24	85	45	35	10	5	45° 60° 90

JIS B6339-1986 BT 刀柄用拉钉 RETENTION KNOB

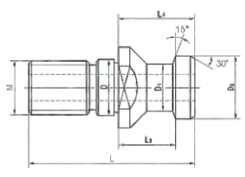


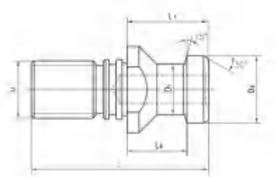


型 号 Model No.	D mm	D1 mm	D2 mm	M	L mm	L1 mm	L2 mm	H mm	H1 mm
LDJ-30P	12.5	8	12	M12	43	23.4	18.4	5	3
LDJ-35P	12.5	11	15	M12	44	24	19	5	3
LDJ-40P	17	14	19	M16	54	29	23	7	3
LDJ-45P	21	17	23	M20	60	30	23	7	4
LDJ-50P	25	21	28	M24	74	34	25	7	5
LDJ-55P	31	27	36	M30	98	48	36	11	7

DIN69872-1988 DIN刀柄用拉钉 RETENTION KNOB







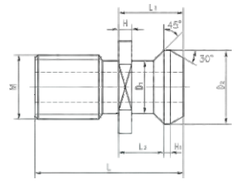
型 号 Model No.	Dmm	D1mm	D2mm	M	Lmm	L1mm	L2mm
LDD-30A(B)	13	9	13	M12	44	24	19
LDD-40A(B)	17	14	19	M16	54	26	20
LDD-45A(B)	21	17	23	M20	65	30	23
LDD-50A(B)	25	21	28	M24	74	34	25

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ANSI/ASME B5.50-1985 CAT 刀柄用拉钉 RETENTION KNOB

★:采用高强度特殊材质加工，淬火、回火后经特殊处理，产品性能稳定，耐磨耐用
★:拉钉一端和机床卡口相连，一端和刀柄相连，起到对刀柄锁紧的作用
★:Adopt high strength special material, after quenching , through cryogenic treatment, the product performance is stable, wear-resisting and durable
★:One end of the pull stud is connected with the bayonet of the machine , and the other end is connected with the tool holder to lock it





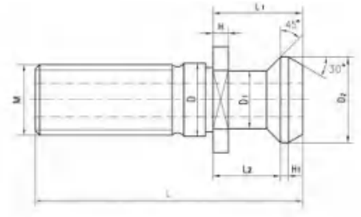
型 号 Model No.	D1mm	D2mm	M	Lmm	L1mm	L2mm	Hmm	H1mm
LDA-30	9.78	13.21	1/2"-13	27.94	11.68	8.13	2.54	1.01
LDA-40	12.45	18.80	5/8"-11	38.10	16.26	11.18	3.05	1.52
LDA-45	15.37	23.88	3/4"-10	45.72	20.83	14.73	4.06	2.03
LDA-50	20.83	28.96	1"-8	58.42	25.4	17.78	5.08	2.54

ISO/DIS7388/2-1984A 7：24 A型刀柄用拉钉 RETENTION KNOB

型 号 Model No.	Dmm	D1mm	D2mm	M	Lmm	L1mm	L2mm	Hmm	H1mm
LDI-30A	13	8	12	M12	44	24	19	4	3
LDI-40A	17	14	19	M16	54	26	20	4	4
LDI-45A	21	17	23	M20	65	30	23	5	5
LDI-50A	25	21	28	M24	74	34	25	6	7

ISO/DIS7388/2-1984B 7：24 B型刀柄用拉钉 RETENTION KNOB





型 号 Model No.	Dmm	D1mm	D2mm	M	Lmm	L1mm	L2mm	Hmm	H1mm
LDI-30B	13	9.3	13.3	M12	27	11.8	8.1	2.7	1.2
LDI-40B	17	12.95	18.95	M16	44.5	16.4	11.15	3.25	1.75
LDI-45B	21	16.3	24.05	M20	56	20.95	14.85	4.25	2.25
LDI-50B	25	19.6	29.1	M24	65.5	25.55	17.95	5.25	2.75

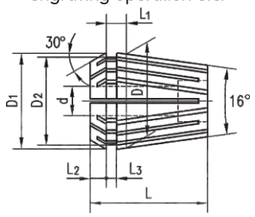
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DIN6499B 标准ER系列夹头 ER SERIES COLLETS WITH STANDARD DIN6499B

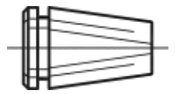
★:采用高强度特殊材质，淬火、回火后经深冷处理，产品性能稳定，耐磨耐用
★:夹紧力大，夹持范围广，属于高精度弹性夹头
★:广泛用于镗、铣、钻、攻丝、磨、雕刻等加工。

★: Adopt high strength special material, after quenching , through cryogenic treatment, the product performance is stable, wear-resisting and durable
★:Clamping force is large, clamping range is wide, belongs to the high precision spring chuck
★: Used for boring,milling,drilling,tappping,grinding and engraving operation etc.





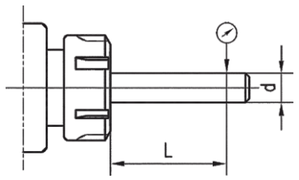
ER11—ER50



ER8

型 号 Model No.	d H7mm	Dmm	D_1mm	D_2mm	Lmm	L_1mm	L_2mm	L_3mm	弹性收缩量 Collapsible capacity
ER8	≥1.0～5.0	8	8.45	6.5	13.5	2.98	1.5	1.2	0.5
ER11	≥1.0～7.0	11	11.5	9.5	18.0	3.8	2.5	2.0	0.5
ER16	≥1.0～2.5	16	17	13.8	27.5	6.26	4.0	2.7	0.5
	>2.5～10.0	16	17	13.8	27.5	6.26	4.0	2.7	1.0
ER20	≥1.0～2.5	20	21	17.4	31.5	6.36	4.8	2.8	0.5
	>2.5～13.0	20	21	17.4	31.5	6.36	4.8	2.8	1.0
ER25	≥1.0～2.5	25	26	22.0	34.0	6.66	5.0	3.1	0.5
	>2.5～16.0	25	26	22.0	34.0	6.66	5.0	3.1	1.0
ER32	≥2.0～2.5	32	33	29.2	40.0	7.16	5.5	3.6	0.5
	>2.5～20.0	32	33	29.2	40.0	7.16	5.5	3.6	1.0
ER40	≥3.0～26.0	40	41	36.2	46.0	7.66	7.0	4.1	1.0
ER50	≥6.0～10.0	50	52	46.0	60.0	12.6	8.5	5.5	1.0
	>10.0～34.0	50	52	46.0	60.0	12.6	8.5	5.5	2.0

精度检测 Inspection of Accuracy



D	L	径向跳动 Run out tolerance	
		I	II
1.0～1.6	4D处	0.008	0.015
>1.6～3.0			
>3.0～6.0			
>6.0～10.0			
>10.0～18.0			
>18.0～26.0			
>26.0～30.0			
>30.0～34.0			

说明：无特殊要求，一般按 II 级供货，如需 I 级，则需特殊订货，价格另议
If no special requirement,we would supply to you according to II grade; if you require I grade,the price would be advanced

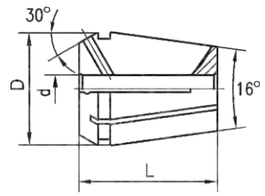
了解具体库存情况请致电厂家 详情请登陆网站www.hnsant.com

ERC 型夹头 ERC COLLET

★:采用高强度特殊材质，淬火、回火后经深冷处理，产品性能稳定，耐磨耐用
★:夹紧力大，夹持范围广，属于高精度弹性夹头
★:利用沟槽的差异，以及橡胶塞的应用，达到周围止水，仅中心出水的功用

★:Adopt high strength special material, after quenching , through cryogenic treatment, the product performance is stable, wear-resisting and durable
★:Clamping force is large, clamping range is wide, belongs to the high precision spring chuck
★:Use groove and rubber plug to achieve the function of stopping water around and only discharging water from the center





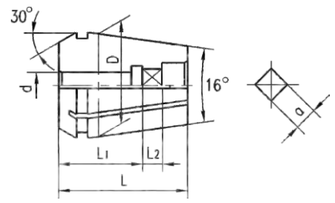
型 号 Model No.	孔径 d	D	L
ER16C—d	2—10	16.6	27.5
ER20C—d	2—13	21.6	31.5
ER25C—d	2—16	25.6	34
ER32C—d	3—20	32.6	40
ER40C—d	3—26	40.6	46

ERG 型攻丝夹头 TAPPING COLLET

★:采用高强度特殊材质，淬火、回火后经深冷处理，产品性能稳定，耐磨耐用
★:夹紧力大，精度高，互换性强
★:前圆后方，可有效夹持丝锥，防止丝锥打滑，提高工作效率

★:Adopt high strength special material, after quenching , through cryogenic treatment, the product performance is stable, wear-resisting and durable
★:High clamping force, high precision, Strong substitutability
★:Round front and square back can effectively hold the tap, prevent the tap from slipping, improve work efficiency





型 号 Model No.	ER16G—d	ER20G—d	ER25G—d	ER32G—d	ER40G—d
D	16	20	25	32	40
L	27.5	31.5	34	40	46
d	3.5～8	3.5～10	3.5～16	3.5～20	3.5～25

dxa					
3.5X2.7	4.0X3.0	4.5X3.4	5.5X4.3	6.0X4.9	7.0X5.5
8.0X6.2	9.0X7.0	10X8.0	11X9.0	12X9.0	14X11
16X12	18X14.5	20X16	22X18	25X20	

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ER套装铣夹头 ER MILLING CHUCK SET



★:每套铣夹头包括1支夹头体，1支压帽，整套夹头及1支扳手
★:木盒或塑料盒包装

★: A set included: 1 collet chuck,1 clamping nut, full set of collets snd1 spanner
★: Packed in a wooden case or plastic case

型 号Model No.	孔 径 Hole size		支数/套 Pcs/set	柄Shank
	in	mm		
ER16—8i n(mm)	3/32 1/8 3/16 7/32 1/4 5/16 11/32 3/8	2 3 4 5 6 7 8 10	8	R8 MT2~ MT6 NT30 NT40 NT50 C8 C10C12 C16 C20 C25 C32 C40 1/2″ str.sh 5/8″ str.sh 3/4″ str.sh 1″ str.sh 1—1/4″ str.sh
ER25—6in(mm)	1/8 3/16 5/16 3/8 1/2 5/8	4 6 8 10 12 16	6	
ER25—10in(mm)	3/32 1/8 3/16 1/4 5/16 3/8 7/16 1/2 9/16 5/8	3 4 5 6 8 10 12 14 15 16	10	
ER32—6in(mm)	1/4 5/16 3/8 1/2 5/8 3/4	6 8 10 12 16 20	6	
ER32—12in(mm)	3/32 1/8 3/16 1/4 5/16 3/8 7/16 1/2 9/16 5/8 11/16 3/4	3 4 5 6 8 10 12 14 15 16 18 20	12	
ER40—8in(mm)	1/8 1/4 3/8 1/2 5/8 3/4 7/8 1	3 5 8 12 15 18 22 26	8	
ER40—15in(mm)	1/8 3/16 1/4 5/16 3/8 7/16 1/2 9/16 5/8 11/16 3/4 13/16 7/8 15/16 1	3 4 5 6 8 10 12 14 1516 18 20 22 24 26	15	

夹头体的拉杆螺纹 Thread of draw bar

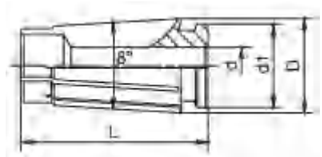
锥 柄 Taper of collet chuck	拉杆螺纹 Thread of draw bar	
R8	7/16"—20UNF	
7:24 30	M12×1.75	1/2"—13UNC
7:24 40	M16×2.0	5/8"—11UNC
7:24 50	M24×3.0	1"—8UNC
MT2	M10×1.5	3/8"—16UNC
MT3	M12×1.75	1/2"—13UNC
MT4	M16×2.0	5/8"—11UNC
MT5	M20×2.5	3/4"—10UNC

1.订货时，请注明夹头体的型号，拉杆螺纹及夹头的规格(公制或英制)
2.订购直柄铣夹头时，请注明直柄的直径及长度
3.我们还可以根据您的要求，提供不同规格及件数的成套夹头，夹头体
1.Please notify the thread of collet chuck draw bar and the specification of collets (metric or inch)
2.Please notify the length of straight shank and dia
3.We are glad to supply collets and chucks with different shank and quantities according to your requirement

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SK高转速筒夹 SK HIGH SPEED DOLLET





★ 采用高强度特殊材质，淬火、回火后经深冷处理，产品性能稳定，耐磨耐用
★ 夹紧力大，精度高，适于高速旋转，是数控机床专用夹头
★ 夹头压紧面受力均匀，具有疲劳极限性好与稳定性高等特性

★:Adopt high strength special material, after quenching , through cryogenic treatment, the product performance is stable, wear-resisting and durable
★:Large clamping force, high precision, suitable for high-speed rotation, is a special collet for CNC machine
★:Clamping surface of the chuck is stressed evenly, with good fatigue limit and high stability

型号	d	d1	D	L
SK06	2-6	8.9	10.5	25
SK10	2-10	13.5	15.6	30.5
SK13	3-13	18.5	20.1	39
SK16	3-16	20.6	24.65	45
SK20	4-20	26.5	30	50
SK25	6-25	31.1	35.6	57

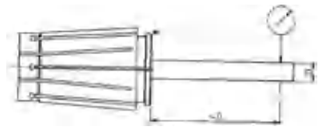
SK高速筒夹套装 SK HIGH SPEED COLLET SET

★:请于订购时注册 AA 级或 A 级：例如 :SK16—6AA
★:筒夹直径小于 3mm，夹持范围为 0.25mm，直径大于 3mm 则为 0.5mm
★: When ordering, please specify the GRADE for sk collets is A or AA TYPE. For example:SK16-6AA
★: The gripping range of dia below 3mm is 0.25mm. The gripping range of dia over 3mm is 0.5mm

型号 Model No.	规 格 Tpye
SK10—8PCS	3,4,5,6,7,8,9,10
SK10—17PCS	2,2.5,3,3.5,4,4.5,5,5.5,6,6.5,7,7.5,8,8.5,9,9.5,10
SK16—7PCS	3,4,6,8,10,12,16
SK16—27PCS	3,3.5,4,4.5,5,5.5,6,6.5,7,7.5,8,8.5,9,9.5,10,10.5,11,11.5,12,12.5,13,13.5,14,14.5,15,15.5,16
SK16—14PCS	3,4,5,6,7,8,9,10,11,12,13,14,15,16
SK25—7PCS	6,8,10,12,16,20,25
SK25—11PCS	6,8,10,12,14,16,18,20,22,24,25

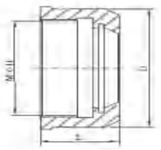
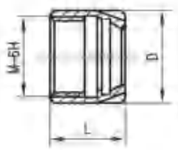
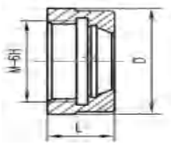
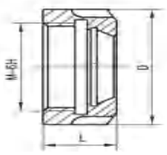
精度检测：Inspection of

Accuracy	径向跳动 (Run out)	
	A 级 (A class)	AA 级 (AA class)
4×D	≤0.008	≤0.005



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ER 压帽 ER NUT

		型号 Model No.	型式Type	D(mm)	L(mm)	M	重量 W(kg)
		ER16	T1	27	19	M22X1.5	0.005
		ER20	T1	35	21	M25X1.5	0.01
		ER25	T1	40	23.5	M32X1.5	0.14
		ER32	T1	48	24	M40X1.5	0.2
		ER8-M	M	12	12	M10×0.75	0.005
		ER11-M	M	16	12	M13×0.75	0.01
		ER16-M	M	22	18	M19×1	0.05
		ER20-M	M	28	19	M24×1	0.05
		ER25-M	M	35	20	M30×1	0.08
		ER11-T1	A	19	12	M14×0.75	0.005
		ER16-T1	A	28	19	M22×1.5	0.01
		ER20-T1	A	34	21	M25×1.5	0.05
		ER25-T2	UM	42	22	M32×1.5	0.14
		ER32-T2	UM	50	24	M40×1.5	0.2
		ER40-T2	UM	63	27	M50×1.5	0.3
		ER50-T2	UM	78	36	M64×2	0.5

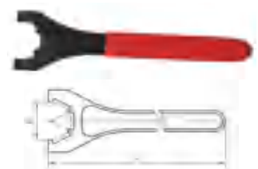
EOC/SK 压帽 EOC/SK CLAMPING NUT

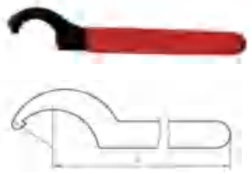
压帽		型号 Model No.	D mm	L mm	T
		YMEOC/OZ8	26	19	M20×1.5
		YMEOC/OZ10	30	19	M22×1.5
		YMEOC/OZ12	35	20	M27×1.5
		YMEOC/OZ16	43	24	M33×1.5
		YMEOC/OZ20	50	28	M42×2
		YMEOC/OZ25	60	30	M48×2
		YMEOC/OZ32	72	33.5	M60×2.5
		YMEOC/OZ40	85	37	M68×2.5

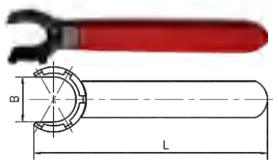
压帽		型号 Model No.	LMM Fig1	LMM Fig2	D mm	M
		SK6	15	21	19.5	M15.5X1
		SK10	17	24	27.5	M21.5X1
		SK16	24	31	40	M32X1.5
		SK20	27	35	48	M40X1.5
		SK25	30	37	55	M45X1.5

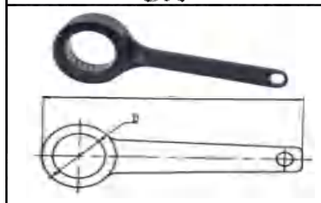
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扳手 SPANNER

扳手	型号 ModelNo.	Bmm	Lmm	适用压帽 Clamping Nut
	SPANNER-ER11	17	110	ER11-A ER11-T1
	SPANNER-ER16	25	120	ER16-A ER16-T1
	SPANNER-ER20	30	130	ER20-A ER20-T1
扳手	型号 ModelNo.	Bmm	Lmm	适用压帽 Clamping Nut
	SPANNER-ER25-S	37	210	ER25-B ER25-T2
	SPANNER-ER32-S	45	250	ER32-B ER32-T2
	SPANNER-ER40-S	58	290	ER40-B ER40-T2
	SPANNER-ER50-S	72	350	ER50-B ER50-T2

扳手	型号 ModelNo.	Lmm	规格 Size	适用压帽 Clamping Nut
	SPANNER-ER25	168	38-42	ER25-B ER25-T2
	SPANNER-ER32	190	45-52	ER32-B ER32-T2
	SPANNER-ER40	210	55-63	ER40-B ER40-T2
	SPANNER-ER50	240	78-85	ER50-B ER50-T2

扳手	型号 ModelNo.	Bmm	Lmm	适用压帽 Clamping Nut
	SPANNER-ER8M	7.5	70	ER8-M
	SPANNER-ER11M	11	90	ER11-M
	SPANNER-ER16M	15	110	ER16-M
	SPANNER-ER20M	19.5	120	ER20-M
	SPANNER-ER25M	25	130	ER25-M

扳手	型号ModelNo.	D	M
	SK06	19.5	120
	SK10	27.5	130
	SK16	40	193
	SK20	48	200
	SK25	55	210

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