



TOOLHOLDER

FOR TURNING, MILLING, DRILLING, BORING



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MSU

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车削刀具 | TURNING TOOLS

产品预览 Product Overview

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 fastener 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.



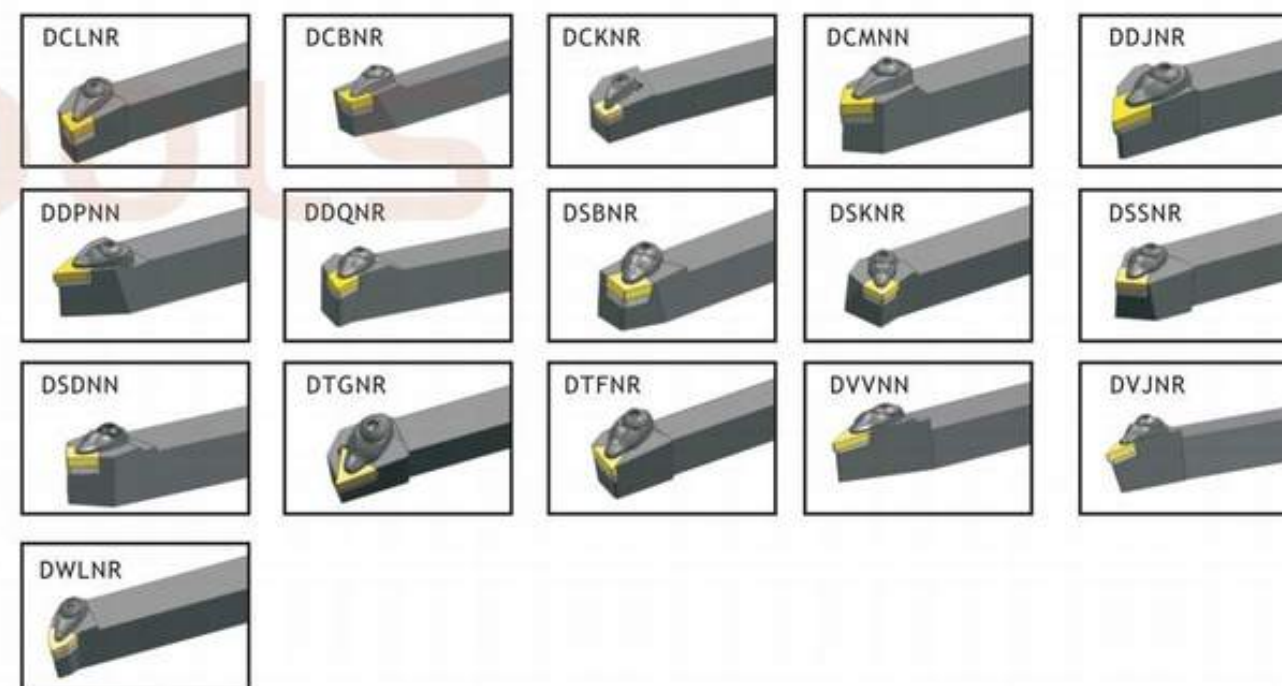
■ C类 压板压紧式 Top clamping



■ 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



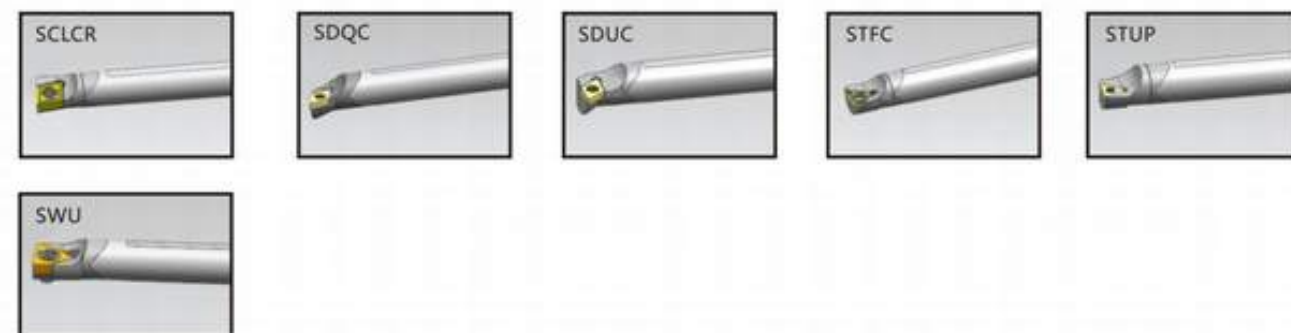
P类 杠杆压紧式 Hole clamping



S类 螺钉压紧式 Screw on



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



车削刀具 | TURNING TOOLS



外圆车刀的型号表示规则 ISO-indexable Insert External Turning Tools Code Key

螺纹车削刀具 Threading tools



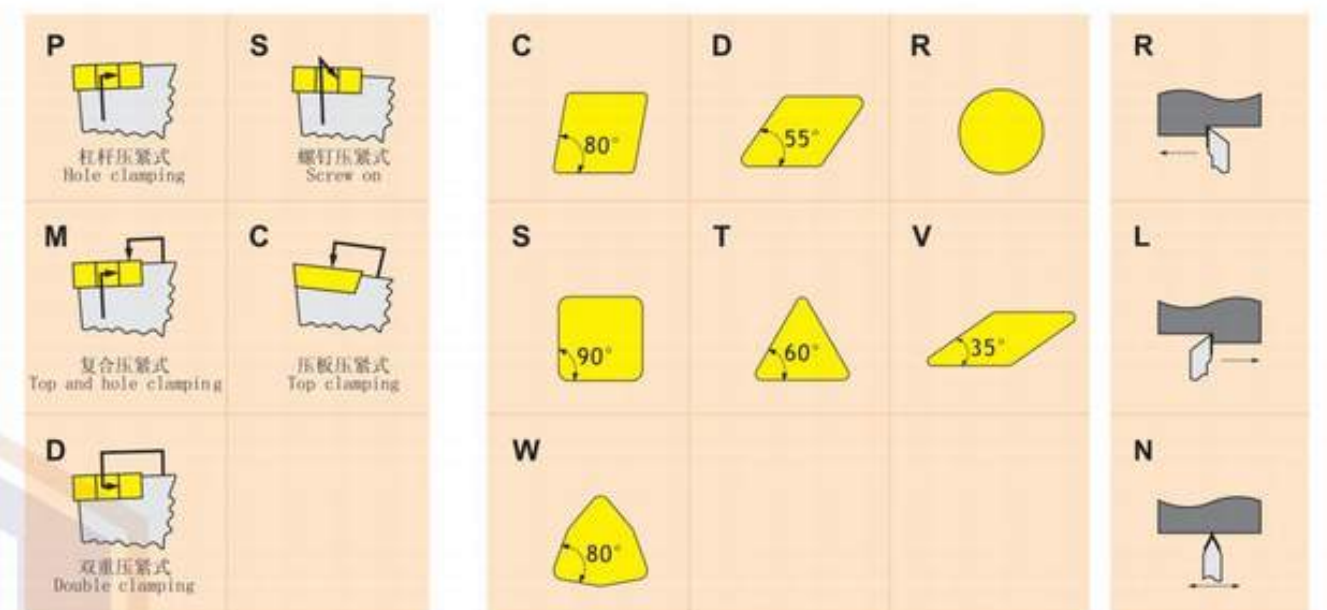
切断切槽刀具 Parting, grooving tools

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



车削刀具 | TURNING TOOLS

ISO-indexable Insert External Turning Tools Code Key 外圆车刀的型号表示规则



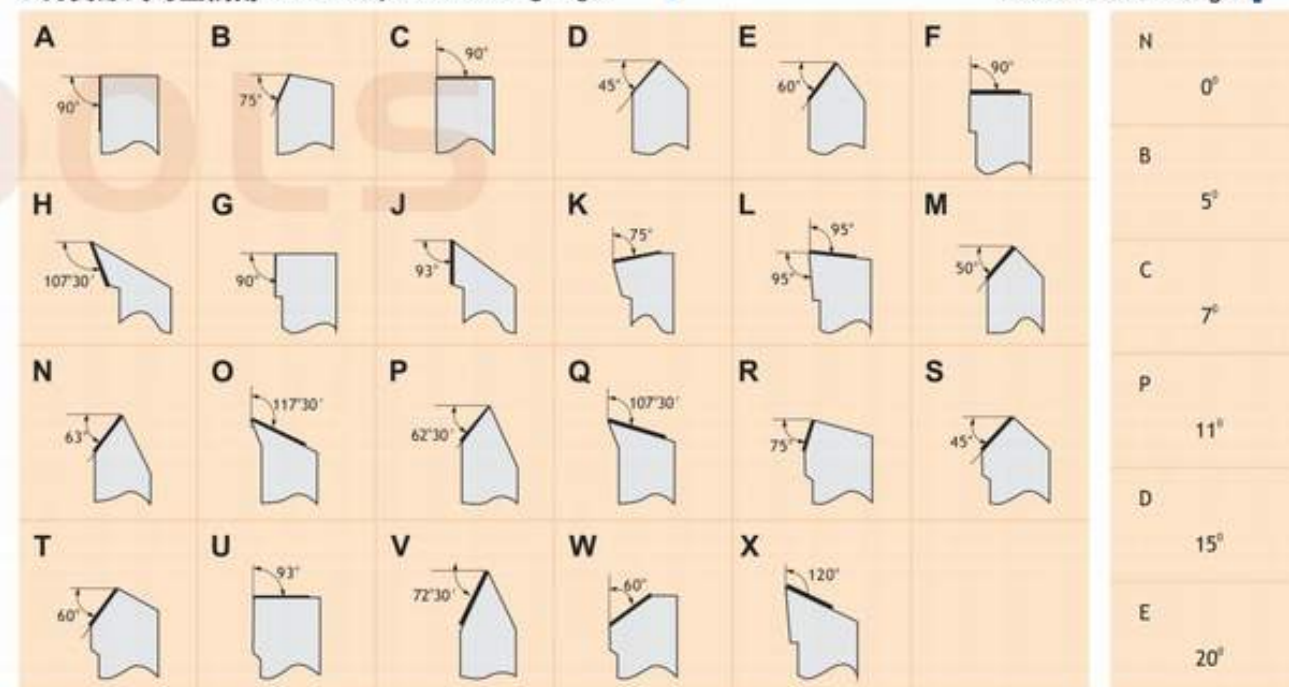
1. 压紧方式 Clamping system
2. 刀片形状 Insert shape
3. 切削方向 Cutting direction

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

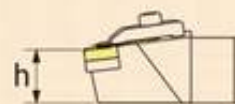


车削刀具 | TURNING TOOLS



外圆车刀 External turning toolholders

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 preceded 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 preceded 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

9.切削刃长 Cutting edge 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		

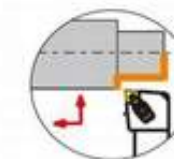
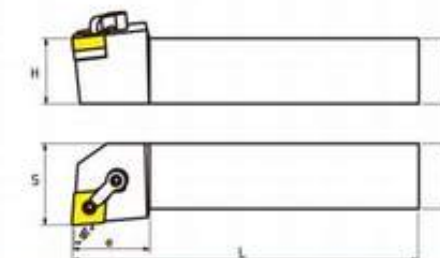
刀片形状 Insert Shape	C	D	R	S	T	V	W
内接圆 Inscribed Circle							
切削刃长度 Cutting Edge Length							
5.556					09		
6.350	06	07			11		
9.525	09	11	09	09	16	16	
12.700	12	15	12	12	22	22	
15.875	16	19	15	15	27		
19.050	19		19	19	33		
25.400	25		25	25	44		



车削刀具 | TURNING TOOLS

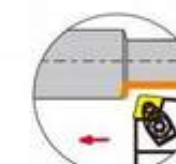
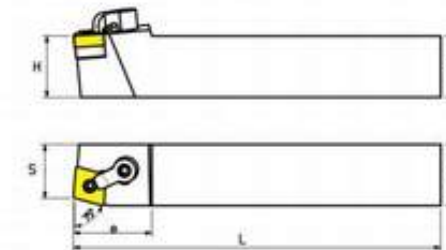
External turning toolholders 外圆车刀

MCLNR/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	a b L h s e						
MCLNR/L 1616H12	16 16 100 16 21 30		WS061025				
2020K12	20 20 125 20 25 28	CN 1204		MC1204	S3	MCL1814	MSP617
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



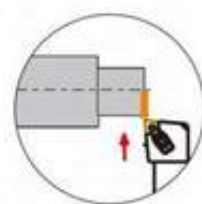
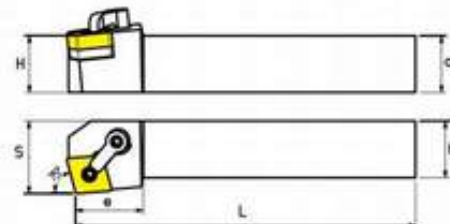
Type 型号	Dimension(mm) 基本尺寸	Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
Stock 库存	a b L h s e						
MCBNR/L 2020K12	20 20 125 20 17 32		WS061025				
2525M12	25 25 150 25 22 32	CN 1204		MC1204	S3	MCL1814	MSP617
3225P12	32 25 170 32 22 32		WS061030				
2525M16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

车削刀具 | TURNING TOOLS



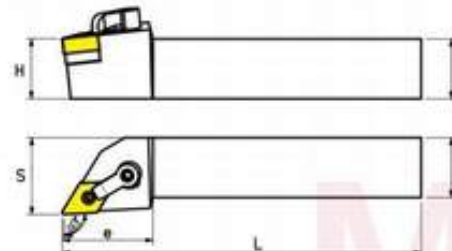
外圆车刀 External turning toolholders

MCKNR/L



Type 型号	Dimension(mm) 基本尺寸						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
	a	b	L	h	s	e							
MCKNR/L 2020K12	20	20	125	20	25	28	CN ₁₂₀	1204 ₁₂₀	WS061025	MC1204	S3	MCL1814	MSP617
2525M12	25	25	150	25	32	28							
3225P12	32	25	170	32	32	28							
2525M16	25	25	150	25	32	30	CN ₁₆₀	1606 ₁₆₀	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 ₁₉₀	1906 ₁₉₀	WS081030	MC1904	S4	MCL2217	MSP1021
4040R19	40	40	200	40	48	36							

MDJNR/L



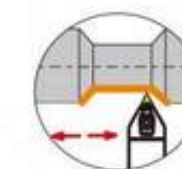
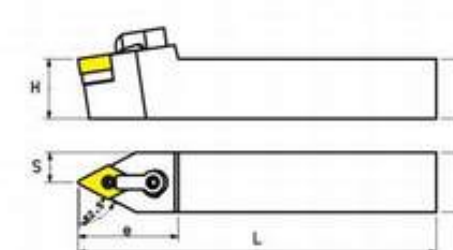
Type 型号	Dimension(mm) 基本尺寸						适用 刀片 	配件	Clamping screw 双头螺钉 	Shim 刀垫 	Wrench 扳手 	Clamp 压板 	Clamping stud 销钉 
	a	b	L	h	s	e							
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	2525M11	25	25	150	25	32	32						
	3225P11	32	25	170	32	32	32						
	2020K1504/06	20	20	125	20	25	36	WS061025	MD1504	S3	MCL2114	04:MSP617 06:MSP619	
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	4040R15	40	40	200	40	48	40						



车削刀具 | TURNING TOOLS

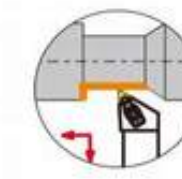
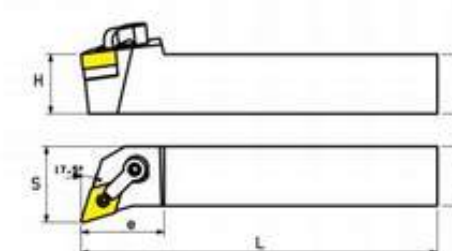
External turning toolholders 外圆车刀

MDPNN



Type 型号	Dimension(mm) 基本尺寸						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 
	a	b	L	h	s	e							
MDPNN	1616H11	16	16	100	16	8	35	DN ₁₁₀ 1104 ₁₁₀	WS061025	MD 1103	S2 S3	MCL1814	MSP513
	2020K11	20	20	125	20	10	34						
	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 ₁₅₀ 1504 ₁₅₀ DN ₁₅₀ 1506 ₁₅₀	WS061025	MD1504	S3	MCL2114	04:MSP617 06:MSP619
	2525M1504/06	25	25	150	25	12.5	42						
	3225P1504/06	32	25	170	32	12.5	42						
	3232P1504/06	32	32	170	32	16	42						

MDQNR/L



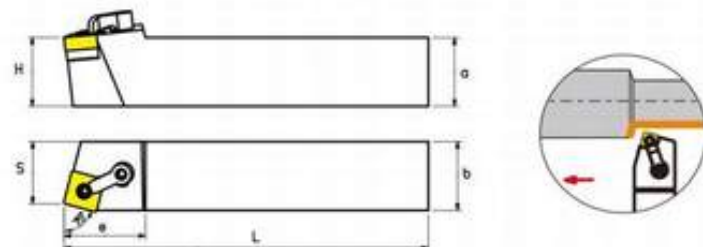
Type 型号	Dimension(mm) 基本尺寸						适用 刀片	配件	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
	a	b	L	h	s	e							
MDQNR/L	1616H11	16	16	100	16	21	30	DN ₁₁₀	WS061025	MD 1103	S2 S3	MCL1814	MSP513
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	2525M11	25	25	150	25	30	30						
	3225P11	32	25	170	32	30	30						
	2020K1504/06	20	20	125	20	27	36	DN ₁₅₀ DN ₁₅₀	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						

车削刀具 | TURNING TOOLS



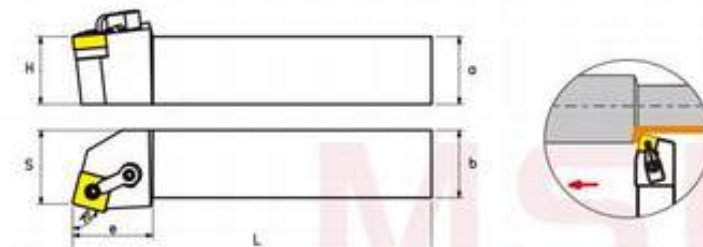
外圆车刀 External turning toolholders

MSBNR/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		a	b	L	h	s	e						
		R	L												
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						
	4040R19			40	40	200	40	35	45	SN ₁₉₀₆	WS081030	MS1904	S4	MCL2217	MSP1021
	4040S25			40	40	250	40	34	60	SN ₂₅₀₉	WS101035	MS2508	S4, S5	MCL3220	MSP1229

MSRNR/L



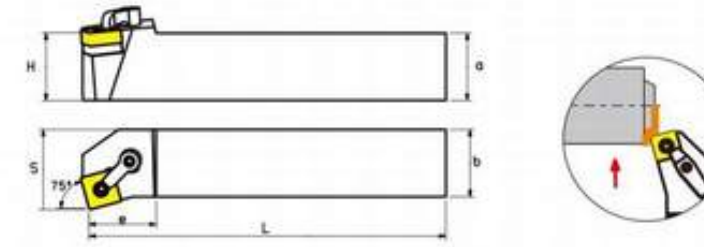
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉	
									Stock 库存		a	b	L	h	s
		R	L												
MSRNR/L	2020K12			20	20	125	20	22	32	SN ₁₂₀₄	WS061025	MS1204	S3	MCL1814	MSP617
	2525M12			25	25	150	25	27	32		WS061030				
	3225P12			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						
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	4040R19			40	40	200	40	43	43						
	4040S25			40	40	250	40	43	55	SN ₂₅₀₉	WS101035	MS2508	S4, S5	MCL3220	MSP1229



车削刀具 | TURNING TOOLS

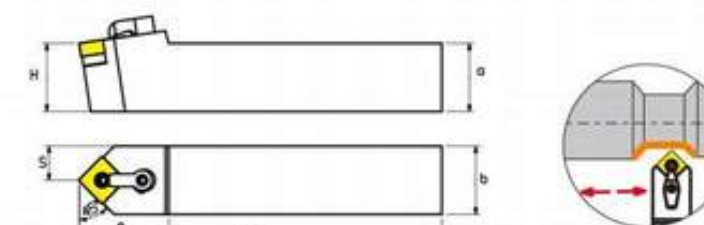
External turning toolholders 外圆车刀

MSKNR/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		a	b	L	h	s	e						
		R	L												
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	SN ₁₅₀₆	WS061030	MS1504	S3	MCL2114	MSP821
	2525M15			25	25	150	25	32	32						
	3232P15			32	32	170	32	38	32	SN ₁₉₀₆	WS081030	MS1904	S4	MCL2217	MSP1021
	3232P19			32	32	170	32	38	36						
	4040R19			40	40	200	40	50	40	SN ₂₅₀₉	WS101035	MS2508	S4, S5	MCL3220	MSP1229
	4040S25			40	40	250	40	50	45						

MSDNN



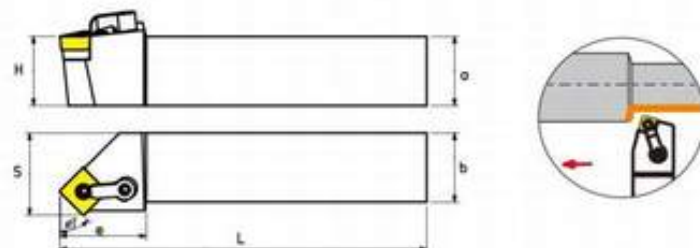
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
		Stock 库存	a	b	L	h	s	e						
MSDNN	2020K12		20	20	125	20	10	34	SN ₁₂₀₄	WS061025	MS1204	S3	MCL1814	MSP617
	2525M12		25	25	150	25	12.5	34		WS061030				
	3225P12		32	25	170	32	12.5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

车削刀具 | TURNING TOOLS



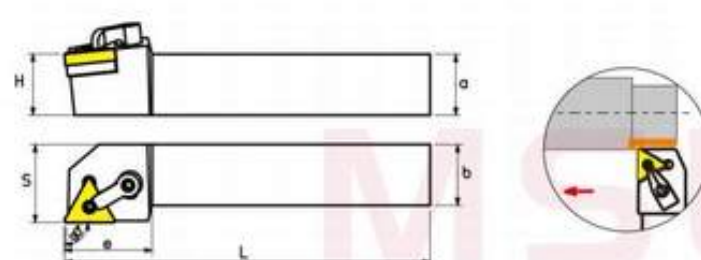
外圆车刀 External turning toolholders

MSSNR/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	Clampd 压板	Clamping stud 销钉	
															
		Stock 库存	a	b	L	h	s	e							
R	L														
MSSNR/L	2020K12			20	20	125	20	25	36	SN ₀₀ 1204 ₀₀	WS061025				
	2525M12			25	25	150	25	30	36		WS061030	MS1204	S3	MCL1814	MSP617
	3225P12			32	25	170	32	30	33						
	3232P12			32	32	170	32	38	35						
	2525M15			25	25	150	25	30	40	SN ₀₀ 1506 ₀₀	WS061030	MS1504	S3	MCL2114	MSP821
	3232P15			32	32	170	32	38	40						
	3232P19			32	32	170	32	38	45	SN ₀₀ 1906 ₀₀	WS 081030	MS 1904	S4	MCL2217	MSP1021
	4040R19			40	40	200	40	46	45						
	4040S25			40	40	250	40	50	60	SN ₀₀ 2509 ₀₀	WS101035	MS2508	S4, S5	MCL3220	MSP1229

MTGNR/L



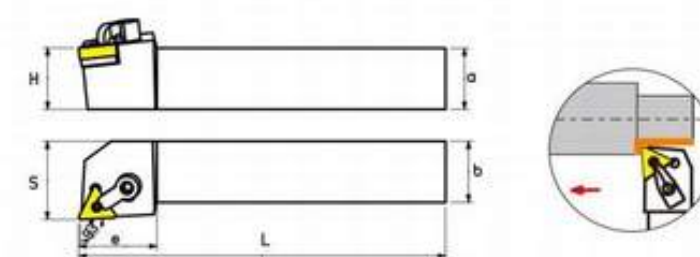
Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉	
	Stock 库存		a	b	L	h	s	e						
	R	L												
MTGNR/L 2020K16			20	20	125	20	25	32	TN□ 1604□	WS061025	MT1603	S2, S3	MCL1814	MSP513
2525M16			25	25	150	25	32	30		WS061030				
3225P16			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						



车削刀具 | TURNING TOOLS

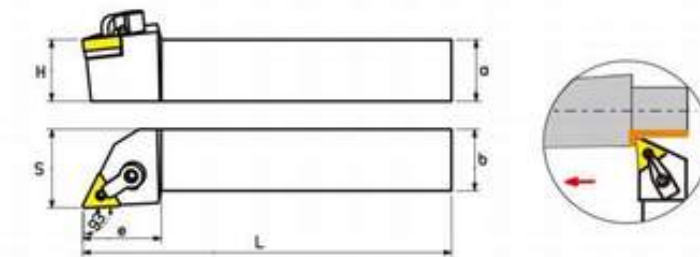
External turning toolholders 外圆车刀

MTJNR/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		a	b	L	h	s	e						
		R	L												
MTJNR/L	1616H16			16	16	100	16	20	28	TN ₀₀ 1604 ₀₀	WS061025	MT1603	S2, S3	MCL1814	MSP513
	2020K16			20	20	125	20	25	32						
	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 ₀₀ 2204 ₀₀	WS061030	MT2204	S3	MCL2114	MSP617
	3225P22			32	25	170	32	32	36						
	3232P22			32	32	170	32	38	36						

MTJNR/L(B)



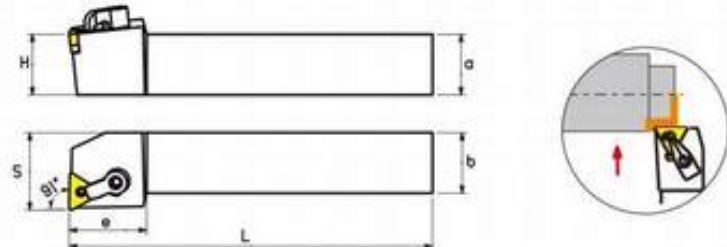
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉	
		Stock 库存		a	b	L	h	s	e						
		R	L												
MTJNR/L	1616H16B			16	16	100	16	20	28	TN ₀₀ 1604 ₀₀	WS061025	MT1603	S2, S3	MCL1814	MSP513
	2020K16B			20	20	125	20	25	32		WS061030				
	2525M16B			25	25	150	25	32	32						
	3225P16B			32	25	170	32	32	32						
	3232P16B			32	32	170	32	32	32	TN ₀₀ 2204 ₀₀	WS061030	MT2204	S3	MCL2114	MSP617
	2525M22B			25	25	150	25	32	36						
	3225P22B			32	25	170	32	32	36						
	3232P22B			32	32	170	32	38	36						

车削刀具 | TURNING TOOLS



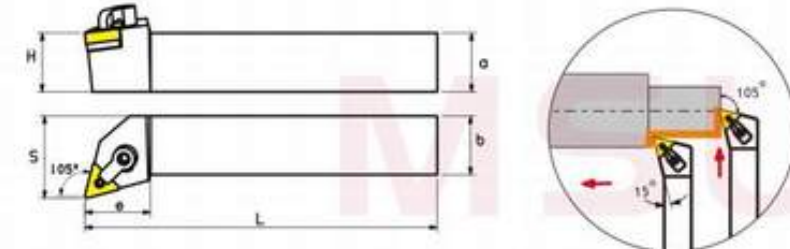
外圆车刀 External turning toolholders

MTFNR/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	L							a	b	L	h	s	e
MTFNR/L	1616H16			16	16	100	16	21	28	TN _{iso} 1604 _{iso}	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						
	3225P22			32	25	170	32	32	36						
	3232P22			32	32	170	32	38	36						

MTQNR/L



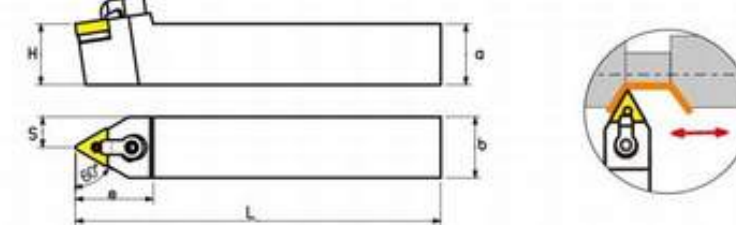
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉	
		Stock 库存		a	b	L	h	s	e						
		R	L												
MTQNR/L	2020K16			20	20	125	20	29	25	TN _{iso} 1604 _{iso}	WS061025	MT1603	S2, S3	MCL1814	MSP513
	2525M16			25	25	150	25	35	28		WS061030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



车削刀具 | TURNING TOOLS

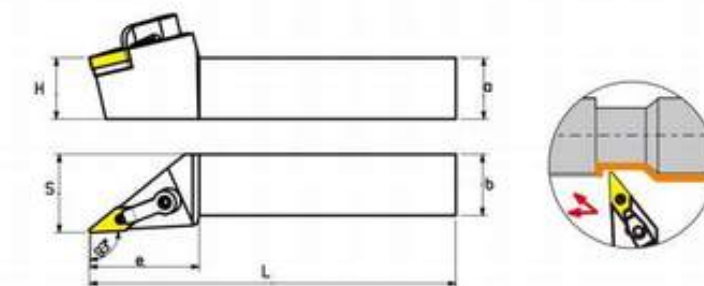
External turning toolholders 外圆车刀

MTENN



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						
MTENN	1616H16		16	16	100	16	8	32	TN _{iso} 1604 _{iso}	WS061025	MT1603	S2 S3	MCL1814	MSP513
	2020K16		20	20	125	20	10	34						
	2525M16		25	25	150	25	12.5	32						
	3232P16		32	32	170	32	16	32		WS061030				

MVJNR/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	L	a	b	L	h	s							e
MVJNR/L	1616H16			16	16	100	16	22	43	VN _{iso} 1604 _{iso} 只装株洲刀片	WS061025	MV1603	S2 S3	MCL2414	MSP513
	2020K16			20	20	125	20	26	45		WS061030				
	2525M16			25	25	150	25	32	45						
	3225P16			32	25	170	32	32	45						
	3232P16			32	32	170	32	40	45						

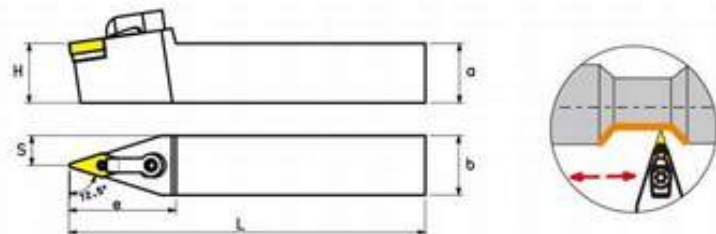
车削刀具 | TURNING TOOLS



外圆车刀 External turning toolholders

MVVNN

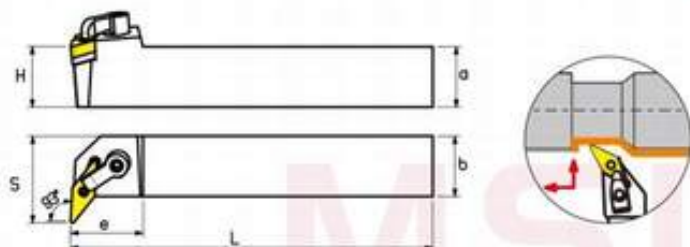
72°30'



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						
MVVNN 2020K16		20	20	125	20	10	45	VN1604 只装株洲刀片	WS061025	MV1603	S2 S3	MCL2414	MSP513
2525M16		25	25	150	25	12.5	45		WS061030				
3225P16		32	25	170	32	12.5	45						
3232P16		32	32	170	32	16	45						

MVUNR/L

93°



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						
MVUNR/L 1616H16		16	16	100	16	20	45	VN1604 只装株洲刀片	WS061025	MV1603	S2 S3	MCL2114	MSP513
2020K16		20	20	125	20	25	45		WS061030				
2525M16		25	25	150	25	32	45						
3225P16		32	25	170	32	32	45						
3232P16		32	32	170	32	40	45						

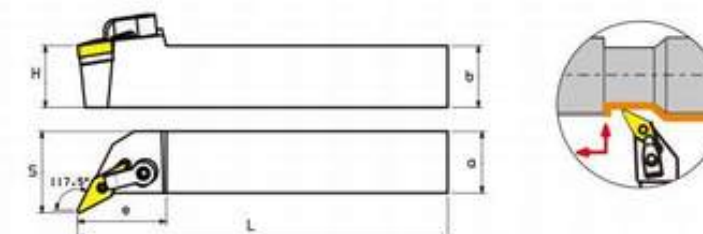


车削刀具 | TURNING TOOLS

External turning toolholders 外圆车刀

MVQNR/L

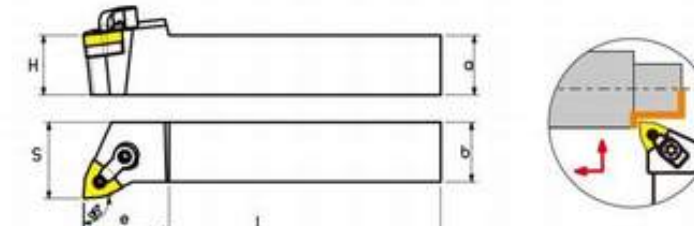
117.5°



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						
MVQNR/L 1616H16		16	16	100	16	24	36	VN1604 只装株洲刀片	WS061025	MV1603	S2 S3	MCL2114	MSP513
2020K16		20	20	125	20	27	36		WS061030				
2525M16		25	25	150	25	33	36						
3225P16		32	25	170	32	33	36						
3232P16		32	32	170	32	40	36						

MWLNR/L

95°



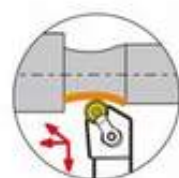
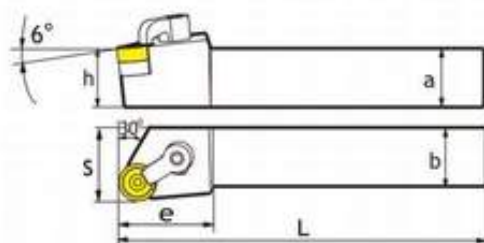
Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
	Stock 库存	a	b	L	h	s	e						
MWLNR/L 2020K06		20	20	125	20	25	28	WN0604	WS061025	MW0603	S2 S3	MCL1814	MSP513
2525M06		25	25	150	25	32	30		WS061030				
2020K08		20	20	125	20	26	28	WN0804	WS061025	MW0804	S3	MCL1814	MSP617
2525M08		25	25	150	25	32	35		WS061030				
3225P08		32	25	170	32	32	35						
3232P08		32	32	170	32	40	35						

车削刀具 | TURNING TOOLS



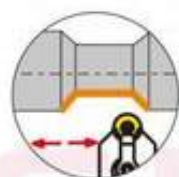
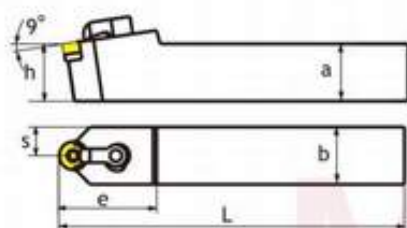
外圆车刀 External turning toolholders

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	L	a	b	L	h	s							e
MRGNR/L	2020K12			20	20	125	20	25	28	RN ₀₀ 1204 ₀₀	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



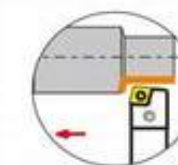
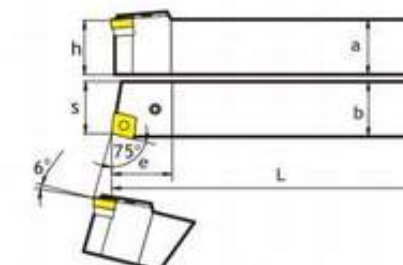
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
		Stock 库存												
		a	b	L	h	s	e							
MRDNN	2020K12		20	20	125	20	10	30	RN ₀₀ 1204 ₀₀	WS061025	MR1204	S3	MCL1814	MSP617
	2525M12		25	25	150	25	12.5	32						
	3225P12		32	25	170	32	12.5	30		WS061030				
	3232P12		32	32	170	32	16	30						



车削刀具 | TURNING TOOLS

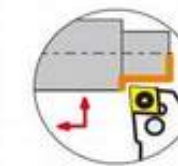
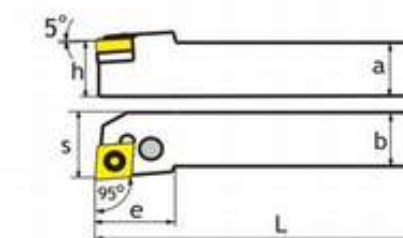
External turning toolholders 外圆车刀

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 挡垫	
		Stock 库存		a	b	L	h	s	e						
		R	L												
PCBNR/L	2020K12			20	20	125	20	17	30	CN00 120400	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	CN00 160600	VHX0825	PC16476	S3	LV5	SP5
	3232P16			32	32	170	32	27	33						
	3232P19			32	32	170	32	27	38						
	4040S19			40	40	250	40	35	38	CN00 190600	VHX1027	PC19476	S4	LV6	SP6
	4040S2507			40	40	250	40	37	50	CN00 250700	VHX1236	PC25	S5	LV8	SP8
	4040S2509			40	40	250	40	37	50	CN00 250900					

PCLNR/L



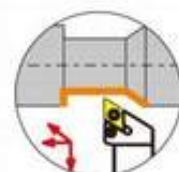
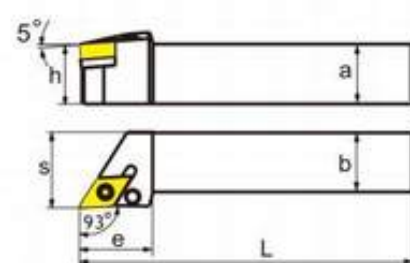
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 挡垫	
									Stock 库存						
		R	L	a	b	L	h	s	e						
PCLNR/L	1616H09			16	16	100	16	20	20	CN ₀₀ 0903 ₀₀	VHX0613	PC09318	S2.5	LV3	SP3
	2020K09			20	20	125	20	25	22						
	2525M09			25	25	150	25	32	22						
	2020K12			20	20	125	20	26	28	CN ₀₀ 1204 ₀₀	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 ₀₀ 1606 ₀₀	VHX0825	PC16476	S3	LV5	SP5
	3232P16			32	32	170	32	39	36						
	3232P19			32	32	170	32	40	40						
	4040S19			40	40	250	40	49	40	CN ₀₀ 1906 ₀₀	VHX1027	PC19476	S4	LV6	SP6
	4040S2507			40	40	250	40	50	47						
	4040S2509			40	40	250	40	50	47	CN ₀₀ 2509 ₀₀	VHX1236	PC25	S5	LV8	SP8

车削刀具 | TURNING TOOLS



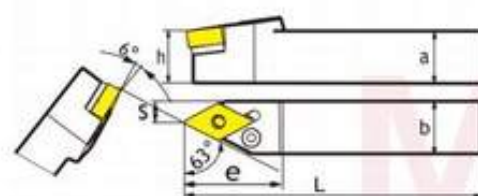
外圆车刀 External turning toolholders

PDJNR/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														
PDJNR/L	1616H11			16	16	100	16	20	25						
	2020K11			20	20	125	20	25	25						
	2525M11			25	25	150	25	30	30						
	2020K15			20	20	125	20	25	32						
	2525M15			25	25	150	25	32	35						
	3232P15			32	32	170	32	38	35						
	2020K15-3			20	20	125	20	25	35						
	2525M15-3			25	25	150	25	32	35						
	3232P15-3			32	32	170	32	38	35						

PDNNR/L



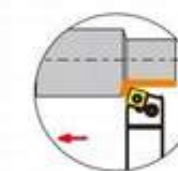
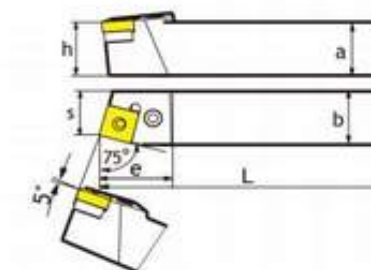
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫	
		Stock 库存		a	b	L	h	s	e						
		R	L												
PDNNR/L	2020K15			20	20	125	20	8	37	DN ₀₀ 1506 ₀₀	VHX0825	PD15318	S3	LV4B	SP4
	2525M15			25	25	150	25	12.5	37						
	3225P15			32	25	170	32	12.5	37						
	3232P15			32	32	170	32	16	37						
	2020K15-3			20	20	125	20	8	37	DN ₀₀ 1504 ₀₀	VHX0821	PD15318	S3	LV4	SP4
	2525M15-3			25	25	150	25	12.5	37						
	3232P15-3			32	32	170	32	16	37						



车削刀具 | TURNING TOOLS

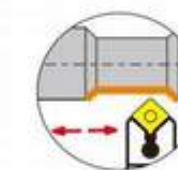
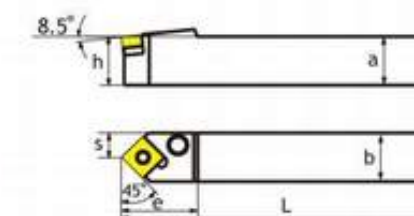
External turning toolholders 外圆车刀

PSBNR/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 挡垫		
	Stock 库存		a	b	L	h	s	e							
	R	L													
PSBNR/L	1616H09			16	16	100	16	13	21	SN ₀₀ 0903 ₀₀	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						
	3225P12			32	25	170	32	22	28	SN ₀₀ 1204 ₀₀	VHX0821	PS12318	S3	LV4	SP4
	3232P12			32	32	170	32	29	28						
	2525M15			25	25	150	25	22	32						
	3232P15			32	32	170	32	28	32						
	3232P19			32	32	170	32	36	45	SN ₀₀ 1906 ₀₀	VHX1027	PS19476	S4	LV6	SP6
	4040S19			40	40	250	40	35	45						
	4040S2507			40	40	250	40	35	50						
	4040S2509			40	40	250	40	35	50						
									SN ₀₀ 2507 ₀₀	VHX1236	PS25634	S5	LV8	SP8	
									SN ₀₀ 2509 ₀₀	VHX1236	PS25476	S5	LV8	SP8	

PSDNN



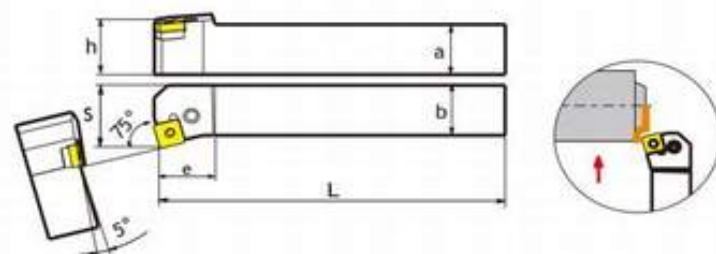
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 挡垫
		Stock 库存												
		a	b	L	h	s	e							
PSDNN	2020K12		20	20	125	20	10	30	SN□□ 1204□□	VHX0821	PS12318	S3	LV4	SP4
	2525M12		25	25	150	25	12.5	32						
	3232P12		32	32	170	32	16	30						
	2525M15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

车削刀具 | TURNING TOOLS



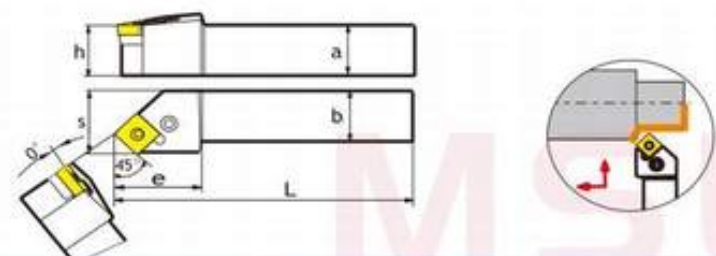
外圆车刀 External turning toolholders

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 挡垫	
									Stock 库存						
			R	L	a	b	L	h	s	e					
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						
	2525M12			25	25	150	25	30	26	SN 1204	VHX0821	PS12318	S3	LV4	SP4
	3232P12			32	32	170	32	38	26						
	2525M15			25	25	150	25	32	32						
	3232P15			32	32	170	32	38	32	SN 1506	VHX0825	PS15476	S3	LV5	SP5
	3232P19			32	32	170	32	38	36						
	4040S19			40	40	250	40	48	32	SN 1906	VHX1027	PS19476	S4	LV6	SP6
	4040S2507			40	40	250	40	50	40	SN 2507		PS25634	S5	LV8	SP8
4040S2509			40	40	250	40	50	40	SN 2509	VHX1236	PS25476				

PSSNR/L



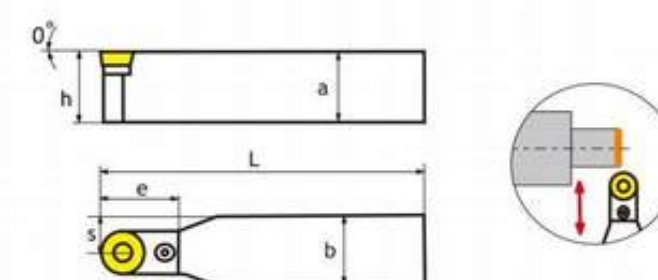
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	SCREW 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 挡垫	
									Stock 库存						
		R	L	a	b	L	h	s	e						
PSSNR/L	1616H09			16	16	100	16	18	25	SN□□ 0903□□	VHX0613	PS09318	S2.5	LV3	SP3
	2020K12			20	20	125	20	25	28	SN□□ 1204□□	VHX0821	PS12318	S3	LV4	SP4
	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	SN□□ 1906□□	VHX1027	PS19476	S4	LV6	SP6
	3232P19			32	32	170	32	38	40						
	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□□						



车削刀具 | TURNING TOOLS

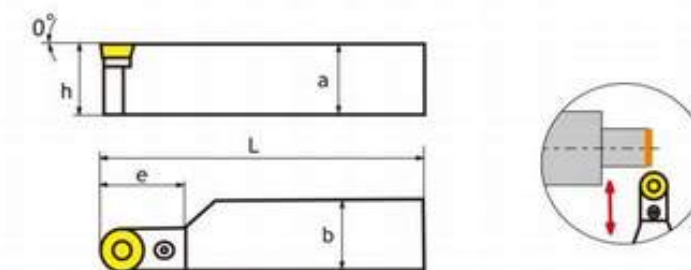
External turning toolholders 外圆车刀

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 挡垫	
		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



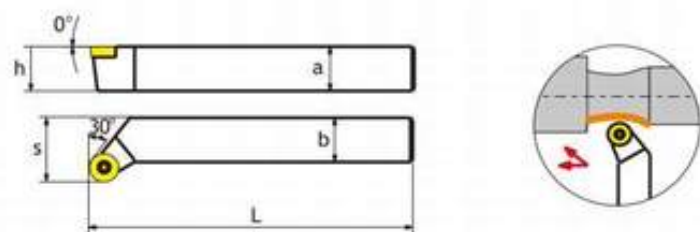
Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 挡垫
	Stock 库存		a	b	L	h	e						
	R	L											
PRACR/L 2020K12			20	20	125	20	30	RCMX1204□□	VHX0617	PR 1204	S2.5	LCL12C	SP3
2525M12			25	25	150	25	30						
2525M16			25	25	150	25	35	RCMX1606□□	VHX0621	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						

车削刀具 | TURNING TOOLS



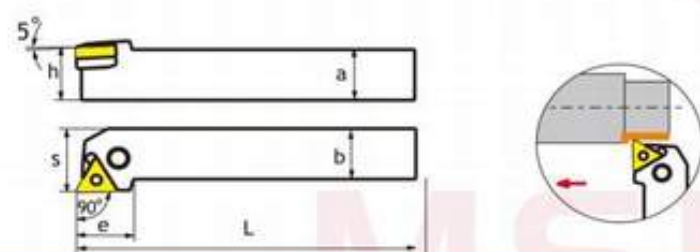
外圆车刀 External turning toolholders

PRGCR/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 挡垫	
	Stock 库存		a	b	L	h	s						
	R	L											
PRGCR/L 2020K12			20	20	125	20	25	RCMX1204□□	VHX0617	PR 1204	S2.5	LCL12C	SP3
2525M12			25	25	150	25	32	RCMX1606□□	VHX0621	PR 1604	S2.5	LCL16C	SP4
2525M16			25	25	150	25	35	RCMX2006□□	VHX0825	PR 2004	S3	LCL20C	SP5
3232P16			32	32	170	32	42	RCMX2507□□	VHX1030	PR 2506	S4	LCL25C	SP6
3232P20			32	32	170	32	40						
4040T20			40	40	300	40	50						
3232P25			32	32	170	32	45						
4040T25			40	40	300	40	56						

PTGCR/L



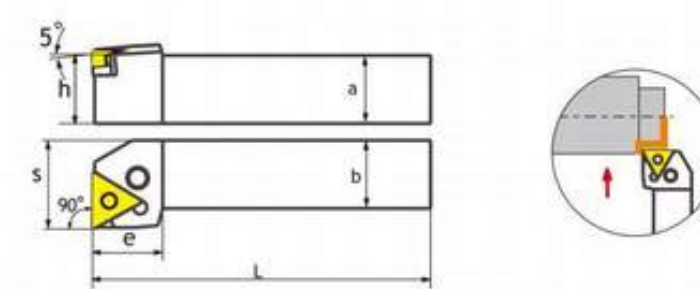
Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 销垫
	Stock 库存		a	b	L	h	s	e						
	R	L												
PTGCR/L 1616H11			16	16	100	16	19	18	TN□□ 1103□□	VHX0598	—	S2	LV2	—
2020K11			20	20	125	20	24	20						
2525M11			25	25	150	25	29	20						
1616H16			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						
3232P22			32	32	170	32	37	32	TN□□ 2204□□	VHX0821	PT22	S3	LV4	SP4
3232P27			32	32	170	32	37	38						
4040S27			40	40	250	40	47	38	TN□□ 2706□□	VHX0825	PT27	S3	LV5	SP5

车削刀具 | TURNING TOOLS



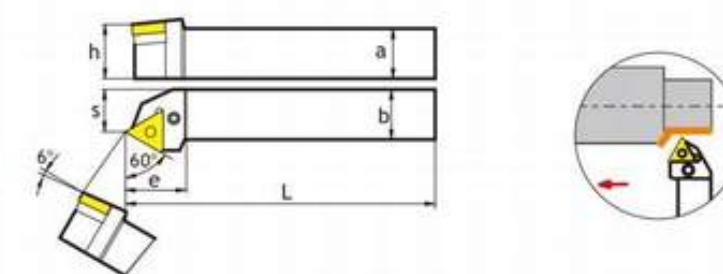
External turning toolholders 外圆车刀

PTFNR/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												
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						
	3232P22			32	32	170	32	38	30	TN□□ 2204□□	VHX0821	PT22	S3	LV4	SP4
	3232P27			32	32	170	32	38	35						
	4040S27			40	40	250	40	50	34	TN□□ 2706□□	VHX0825	PT27	S3	LV5	SP5

PTTNR/L



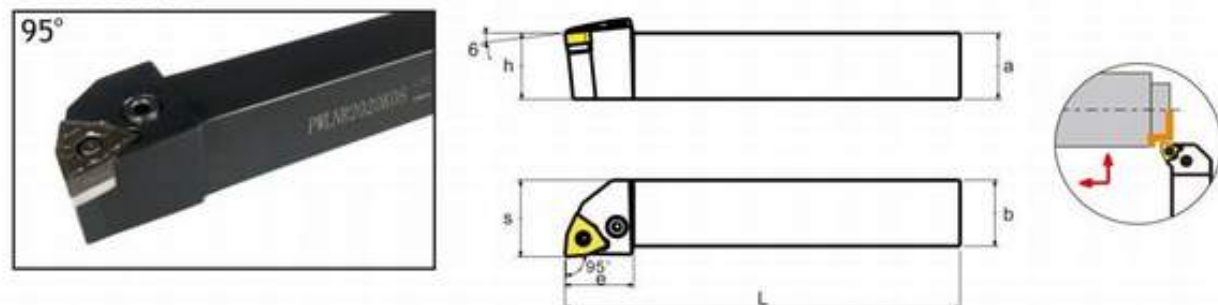
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫	
		Stock 库存		a	b	L	h	s	e						
		R	L												
PTTNR/L	1616H16			16	16	100	16	13	25	TN□□ 1604□□	VHX0617	PT16	S2.5	LV3	SP3
	2020K16			20	20	125	20	17	25						
	2525M22			25	25	150	25	22	32	TN□□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

车削刀具 | TURNING TOOLS



外圆车刀 External turning toolholders

PWLNRL



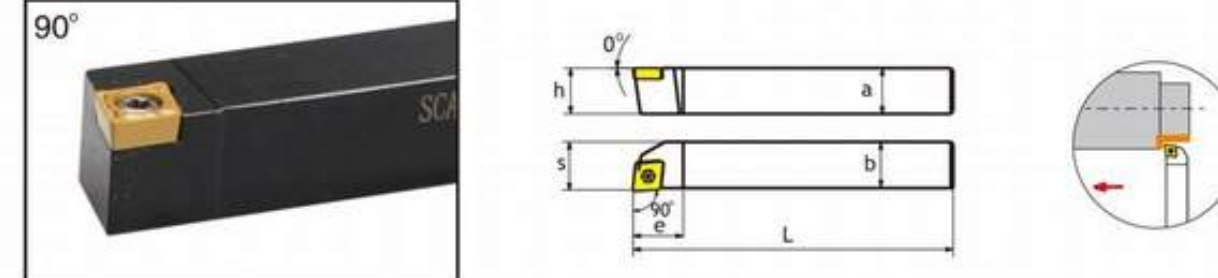
Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫
	Stock 库存	a	b	L	h	s	e						
PWLNRL 1616H06		16	16	100	16	19	22	WN ₀₀ 0604 ₀₀	VHX0617	PW06270	S2.5	LV3	SP3
2020K06		20	20	125	20	23	25						
2525M06		25	25	150	25	28	25						
2020K08		20	20	125	20	25	26						
2525M08		25	25	150	25	29	26	WN ₀₀ 0804 ₀₀	VHX0821	PW08318	S3	LV4	SP4
3232P08		32	32	170	32	37	26						



车削刀具 | TURNING TOOLS

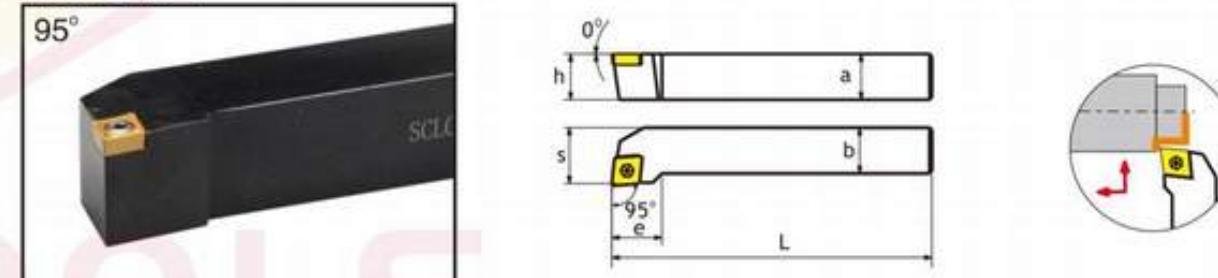
External turning toolholders 外圆车刀

SCACR/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			
SCACR/L 1010E06		10	10	70	10	10.5	10	CC ₀ T 0602 ₀₀	L60M2.5×5	T08
1212F09		12	12	80	12	12.7	16	CC ₀ T 09T3 ₀₀	L60M4×8	T15

SCLCR/L



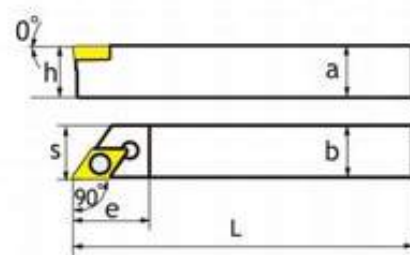
Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存	a	b	L	h	s	e			
SCLCR/L 1212F09		12	12	80	12	15	16	CC ₀ T 09T3 ₀₀	L60M4×8	T15
1616H09		16	16	100	16	20	16			
2020K09		20	20	125	20	23	20			
2020K12		20	20	125	20	24	25			
2525M12		25	25	150	25	29	25	CC ₀ T 1204 ₀₀	L60M5×12	T20
3225P12		32	25	170	32	29	25			
3232P12		32	32	170	32	36	38			

车削刀具 | TURNING TOOLS



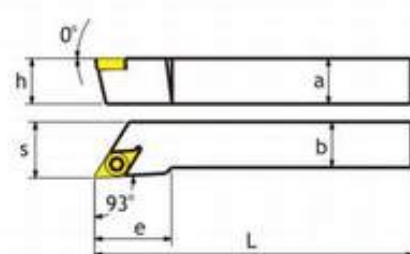
外圆车刀 External turning toolholders

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 _{SD}	L60M2.5×5	T08
	1212F11			12	12	80	12	12.5	20	DC-T 11T3 _{SD}	L60M4×8	T15
	1616H11			16	16	100	16	16.7	20			

SDJCR/L



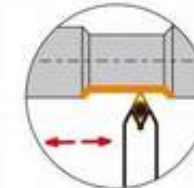
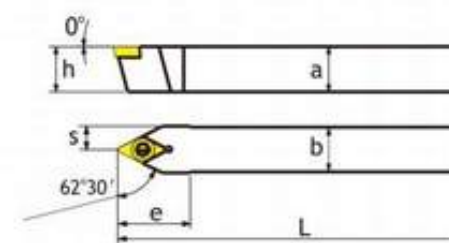
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手	
									Stock 库存		a	b
		R	L									
SDJCR/L	1010E07			10	10	70	10	12	15	DC-T 0702□□	L60M2.5×5	T08
	1212F07			12	12	80	12	14	15			
	1616H07			16	16	100	16	18	18			
	2020K07			20	20	125	20	22	18			
	1616H11			16	16	100	16	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			



车削刀具 | TURNING TOOLS

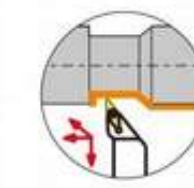
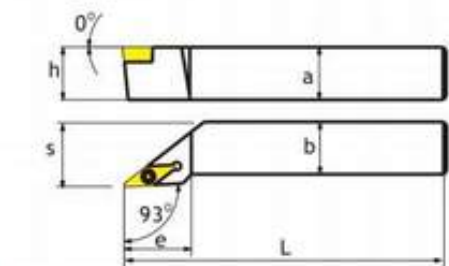
External turning toolholders 外圆车刀

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 ₀₀	L60M2.5×5	T08
	1212F07			12	12	80	12	6	20			
	1212H11			12	12	100	12	6	22	DC-T 11T3 ₀₀	L60M4×8	T15
	1616H11			16	16	100	16	8	22			
	2020K11			20	20	125	20	10	22			
	2525M11			25	25	150	25	12.5	22			

SVJCR/L



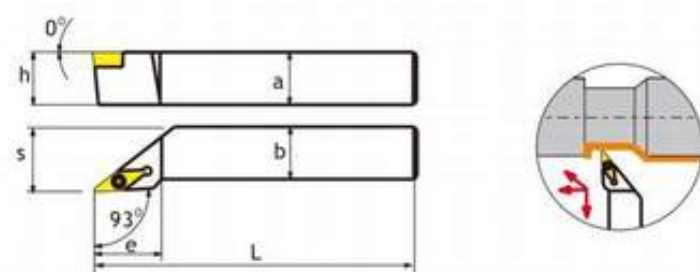
Type 型号		Dimension(mm) 基石尺寸								Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
		Stock 库存		a	b	L	h	s	e			
R	L											
SVJCR/L	1212F11			12	12	80	12	14	20	VC-T 1103	L60M2.5×5	T08
	1616H11			16	16	100	16	18	22			
	2020K11			20	20	125	20	22	27			
	2525M11			25	25	150	25	27	35			
	1616H16			16	16	100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

车削刀具 | TURNING TOOLS



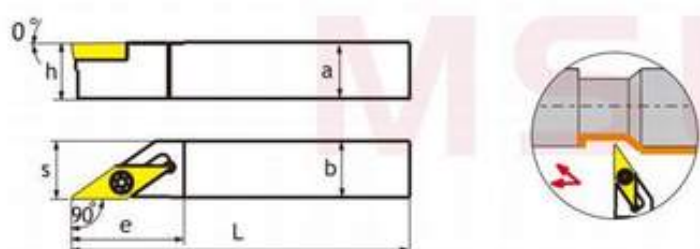
外圆车刀 External turning toolholders

SVJBR/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									
SVJBR/L	1212F11			12	12	80	12	14	27	VB-T 1103□□	L60M2.5×5	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



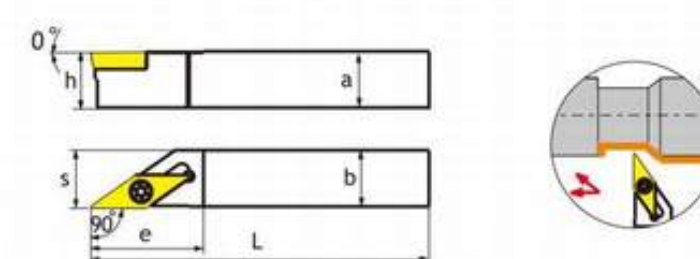
Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
		Stock 库存		a	b	L	h	s	e			
		R	L									
SVABR/L	1616H16			16	16	100	16	16.5	32			
	2020K16			20	20	125	20	20.5	32			
	2525M16			25	25	150	25	25.5	38			



车削刀具 | TURNING TOOLS

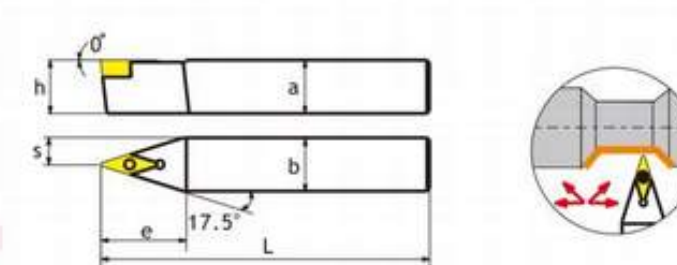
External turning toolholders 外圆车刀

SVACR/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									
SVACR/L	1616H16			16	16	100	16	16.5	32			
	2020K16			20	20	125	20	20.5	32			
	2525M16			25	25	150	25	25.5	38			

SVVBN



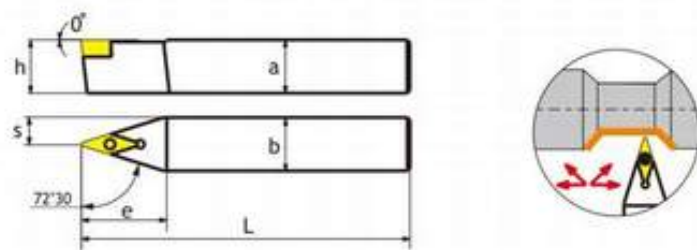
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
		Stock 库存	a	b	L	h	s	e			
SVVBN	1212F11		12	12	80	12	6	22	VB-T 1103 ₀₀	L60M2.5×5	T08
	1616H11		16	16	100	16	8	27			
	2020K11		20	20	125	20	10	30			
	1616H16		16	16	100	16	8	33	VB-T 1604 ₀₀	L60M4×8	T15
	2020K16		20	20	125	20	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			

车削刀具 | TURNING TOOLS



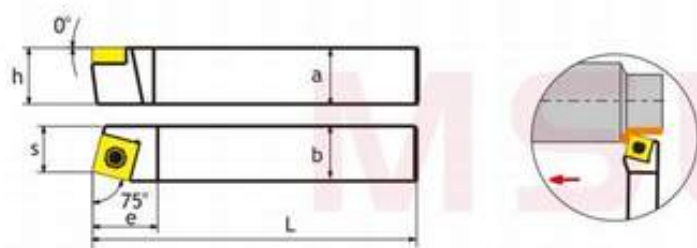
外圆车刀 External turning toolholders

SVVCN



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			
SVVCN	1212F11	12	12	80	12	6	22	VC-T 1103 ₀₀	L60M2.5×5	T08
	1616H11	16	16	100	16	8	27			
	2020K11	20	20	125	20	10	30			
	1616H16	16	16	100	16	8	33			
	2020K16	20	20	125	20	10	33	VC-T 1604 ₀₀	L60M4×8	T15
	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



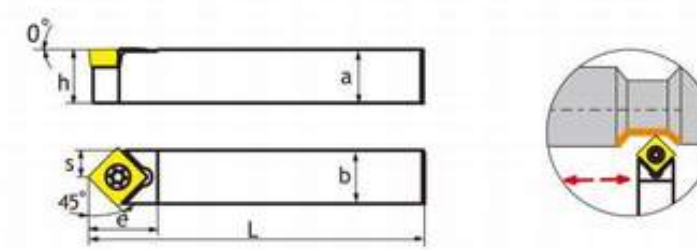
Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存	a	b	L	h	s	e			
SSBCR/L	1212F09	12	12	80	12	11	14	SC-T 09T3 ₀₀	L60M4×8	T15
	1616H09	16	16	100	16	13	16			
	2020K12	20	20	125	20	17	25			
	2525M12	25	25	150	25	22	25	SC-T 1204 ₀₀	L60M5×12	T20
	3232P12	32	32	170	32	27	28			



车削刀具 | TURNING TOOLS

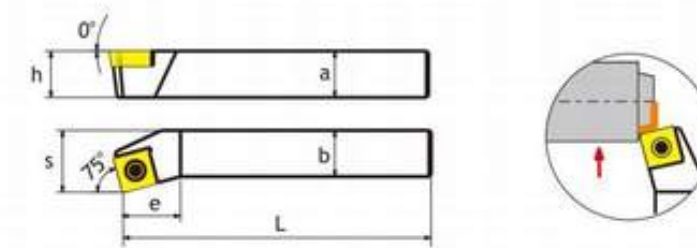
External turning toolholders 外圆车刀

SSDCN



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			
SSDCN	1212F09	12	12	80	12	6	16	SC-T 09T3 ₀₀	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 ₀₀	L60M5×12	T20
	2525M12	25	25	150	25	12.5	25			
	3232P12	32	32	170	32	16	25			

SSKCR/L



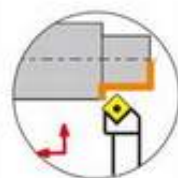
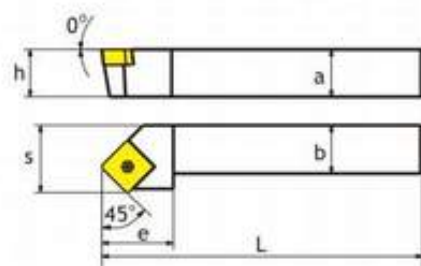
Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存	a	b	L	h	s	e			
SSKCR/L	1616H09	16	16	100	16	20	13	SC-T 09T3 ₀₀	L60M4×8	T15
	2020K09	20	20	125	20	25	18			
	2020K12	20	20	125	20	25	18			
	2525M12	25	25	150	25	32	22	SC-T 1204 ₀₀	L60M5×12	T20
	3232P12	32	32	170	32	40	27			

车削刀具 | TURNING TOOLS



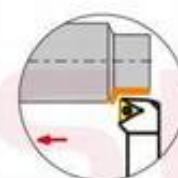
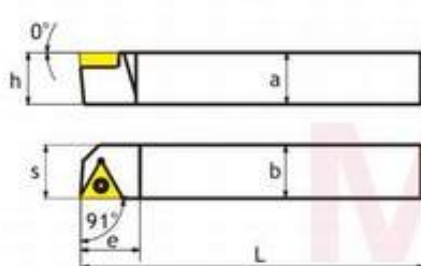
外圆车刀 External turning toolholders

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		a	b
		R	L									
SSSCR/L	1616H09			16	16	100	16	20	16	SC-T 09T300	L60M4×8	T15
	2020K09			20	20	125	20	25	20			
	2020K12			20	20	125	20	25	23			
	2525M12			25	25	150	25	32	25	SC-T 120400	L60M5×12	T20
	3232P12			32	32	170	32	38	28			

STACR/L



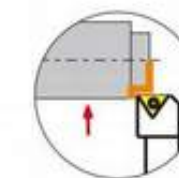
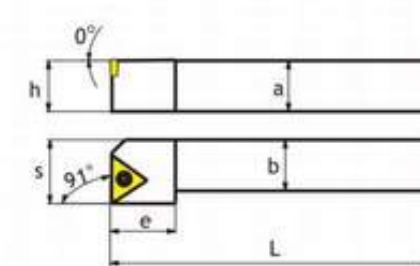
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手	
									Stock 库存		a	b
		R	L									
STACR/L	1212F11			12	12	80	12	12.5	14	TC-DT 110200	L60M2.5×5	T08

车削刀具 | TURNING TOOLS



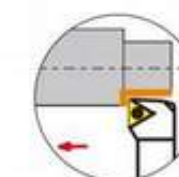
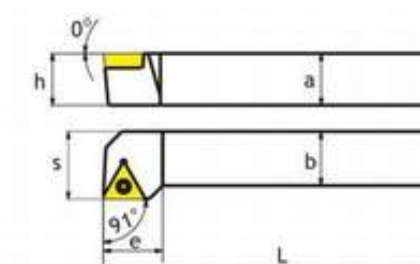
External turning toolholders 外圆车刀

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		a	b	L	h	s	e			
		R	L									
STFCR/L	1212F11			12	12	80	12	14	14	TC-T 110200	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 16T300	L60M4×8	T15
	2020K16			20	20	125	20	22	19			
	2525M16			25	25	150	25	27	24			

STGCR/L



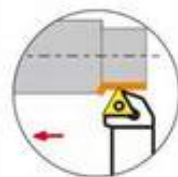
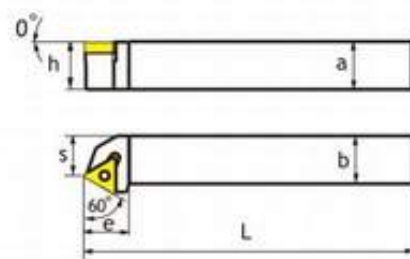
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手	
		Stock 库存		a	b	L	h	s	e			
		R	L									
STGCR/L	0808D09			08	08	60	8	10	11	TC-T 090200	L60M2.2×5	T06
	1010E09			10	10	70	10	11	11			
	1212F11			12	12	80	12	14	14	TC-T 110200	L60M2.5×5	T08
	1616H11			16	16	100	16	17	16			
	2020K16			20	20	125	20	22	21	TC-T 16T300	L60M4×8	T15
	2525M16			25	25	150	25	27	21			

车削刀具 | TURNING TOOLS



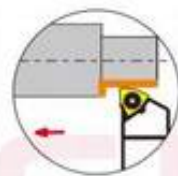
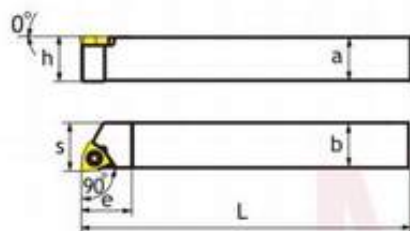
外圆车刀 External turning toolholders

STTCR/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	R	L	a	b	L	h	s	e	
STTCR/L	1616H11			16	16	100	16	13	14	TC-T 1102□□
	1616H16			16	16	100	16	13	19	TC-T 16T3□□
	2020K16			20	20	125	20	17	19	L60M4 × 8

SWACR/L



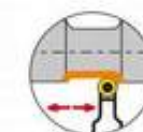
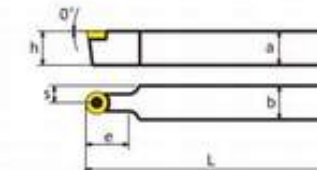
Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存	R	L	a	b	L	h	s	e	
SWACR/L	1010E04			10	10	70	10	10.5	10	WC-X 0402□□
	1212F04			12	12	80	12	12.5	14	
	1616H06			16	16	100	16	16.5	20	WC-X 06T3□□
	2020K08			20	20	125	20	20.5	24	WC-X 0804□□



车削刀具 | TURNING TOOLS

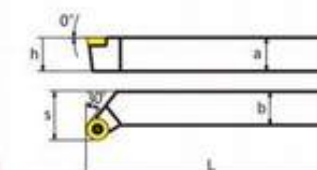
External turning toolholders 外圆车刀

SRDCN



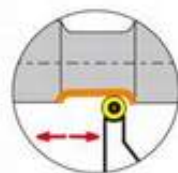
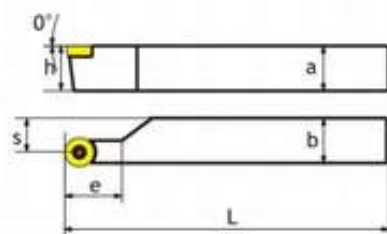
Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Screw 刀片螺钉	Wrench 扳手	Shim 刀垫	Screw 刀垫螺钉	Wrench 刀垫扳手
	Stock 库存	a	b	L	h	s	e						
SRDCN	2020K06	20	20	125	20	10	11	RC-T 0602□□	L60M2.5 × 5	T08	—	—	—
	2525M06	25	25	150	25	12.5	11						
	2020K08	20	20	125	20	10	16	RC-T 0803□□	L60M3 × 7	T09	—	—	—
	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						
	2525M12	25	25	150	25	12.5	35	RC-T 1204□□	L60M3.5 × 12	T15	—	—	—
	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						
	4040S20	40	40	250	40	20	40	RCMX2006	L60M5 × 16-8.1	T20	R20BS	SM0814	S5

SRGCR/L



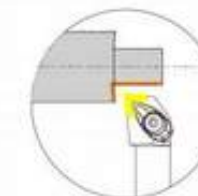
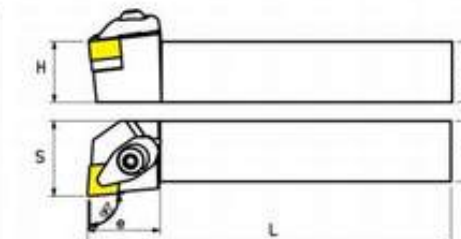
Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Screw 刀片螺钉	Wrench 扳手	Shim 刀垫	Screw 刀垫螺钉	Wrench 刀垫扳手
	Stock 库存	a	b	L	h	s							
SRGCR/L	2020K10	20	20	125	20	25		RC-T 10T3□□	L60M3.5 × 10	T15	—	—	—
	2525M10	25	25	150	25	32							
	2020K12	20	20	125	20	27							
	2525M12	25	25	150	25	32		RC-T 1204□□	L60M3.5 × 12	T15	—	—	—
	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							
	4040S20	40	40	250	40	48		RCMX2006	L60M5 × 16-8.1	T20	R20BS	SM0814	S5

SRACR/L



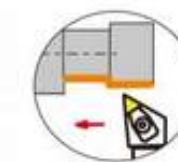
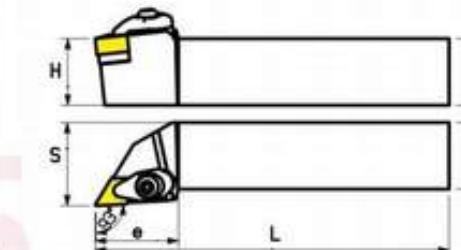
Type 型号	Dimension(mm) 基本尺寸						Applicable Inserts 使用的刀片	Screw 刀片螺钉	Wrench 扳手	Shim 刀垫	Screw 刀垫螺钉	Wrench 刀垫扳手
	Stock 库存	a	b	L	h	e						
SRACR/L	2020K06	20	20	125	20	15	RC-T 0602	L60M2.5 x 5	T08	—	—	—
	2525M06	25	25	150	25	23	RC-T 0603	L60M3 x 7	T09	—	—	—
	2020K08	20	20	125	20	18	RC-T 0803	L60M3.5 x 10	T15	—	—	—
	2525M08	25	25	150	25	23	RC-T 10T3	L60M3.5 x 10	T15	—	—	—
	2020K10	20	20	125	20	20	RC-T 10T3	L60M3.5 x 10	T15	—	—	—
	2525M10	25	25	150	25	25	RC-T 1204	L60M3.5 x 12	T15	—	—	—
	2020K12	20	20	125	20	28	RC-T 1204	L60M3.5 x 12	T15	—	—	—
	2525M12	25	25	150	25	28	RC-T 1606	L60M4 x 16	T15	R16BS	SM0614	S4
	3225P12	32	25	170	32	28	RC-T 1606	L60M4 x 16	T15	R16BS	SM0614	S4
	2525M16	25	25	150	25	35	RC-T 1606	L60M4 x 16	T15	R16BS	SM0614	S4
	3232P16	32	32	170	32	40	RCMX2006	L60M5 x 16 - 8.1	T20	R20BS	SM0814	S5
	3232P20	32	32	170	32	40	RCMX2006	L60M5 x 16 - 8.1	T20	R20BS	SM0814	S5
	4040S20	40	40	250	40	55	RCMX2006	L60M5 x 16 - 8.1	T20	R20BS	SM0814	S5

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	CN 1207	MC 1204	S4,S3	CCL2612	DM 0625	DSP 0612
	2525M16			25	25	150	25	32	36	CN 1606	MC 1604	S4	CCL2816	DM 0830	DSP 0812
	3225P16			32	25	170	32	32	36	CN 1606	MC 1604	S4	CCL2816	DM 0830	DSP 0812

CDJNR/L



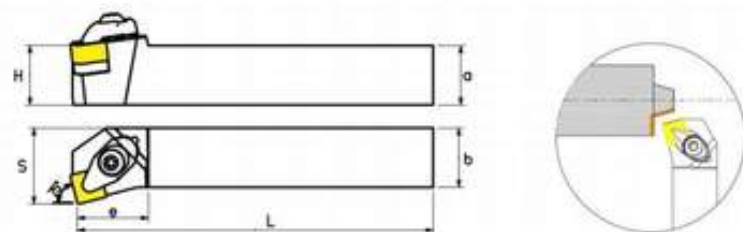
Type 型号		Dimension(mm) 基本尺寸							Applicable inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺钉	screw 螺钉	
		Stock 库存		a	b	L	h	s	e						
		R	L												
CDJNR/L	2525M15			25	25	150	25	32	40	DN ∞ 1507∞	MD 1504	S4,S3	CCL2612	DM 0625	DSP 0612
	3225P15			32	25	170	32	32	40						

车削刀具 | TURNING TOOLS



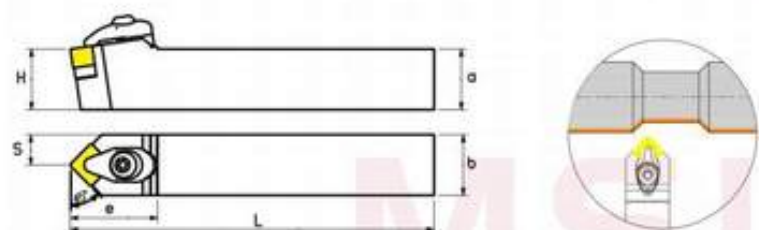
外圆车刀 External turning toolholders

CSKNR/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												
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



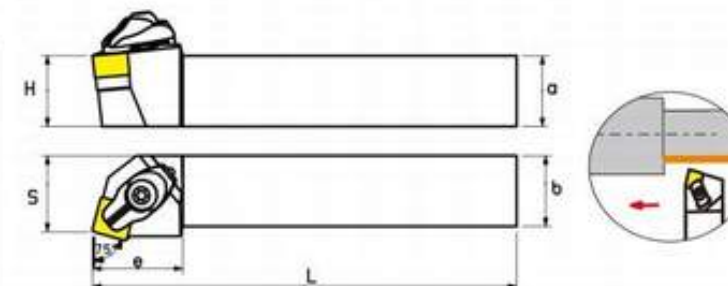
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	Screw 螺钉	
		Stock 库存		a	b	L	h	s	e						
		R	L												
CSDNN	2020K12			20	20	125	20	10	36	SN □□ 1207□□	MS 1204	S4,S3	CCL2612	DM 0625	DSP 0612
	2525M12			25	25	150	25	12.5	36						
	3225P12			32	25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



车削刀具 | TURNING TOOLS

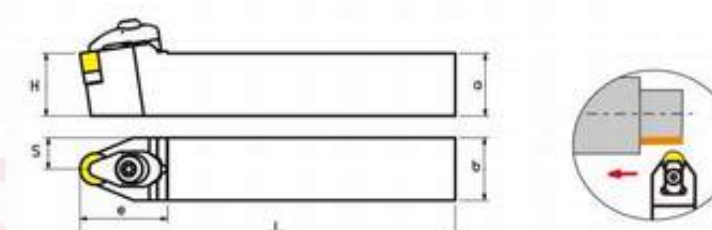
External turning toolholders 外圆车刀

CSRNR/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 压板螺钉	screw 螺钉		
		Stock 库存		a	b	L	h	s	e						
		R	L												
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



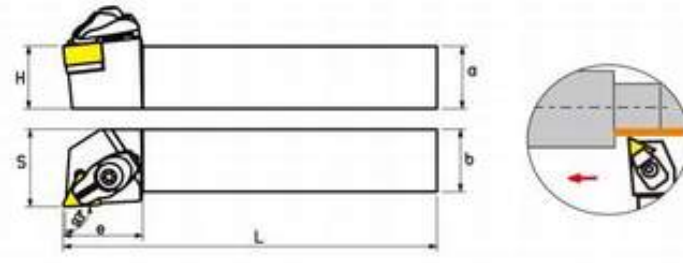
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 适用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	Screw 螺钉	
									Stock 库存		a	b	L	h	s
		R	L												
CRDNN	2020K12			20	20	125	20	10	36	RN □ 1207□	MR1204	S3,S4	CCL2612	DM 0625	DSP 0612
	2525M12			25	25	150	25	12.5	36						
	3225P12			32	25	170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

车削刀具 | TURNING TOOLS



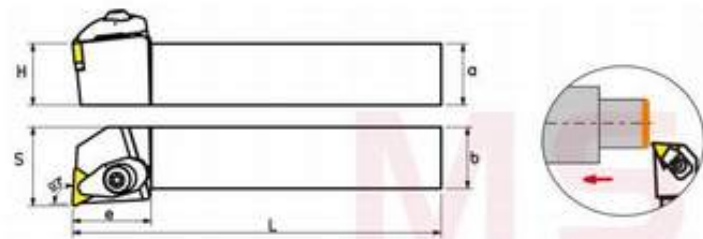
外圆车刀 External turning toolholders

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 00 1607 00	MT 1603	S4,S3	CCL2612	DM 0625	DSP 0510
	2525M16			25	25	150	25	31	32						

CTUNR/L



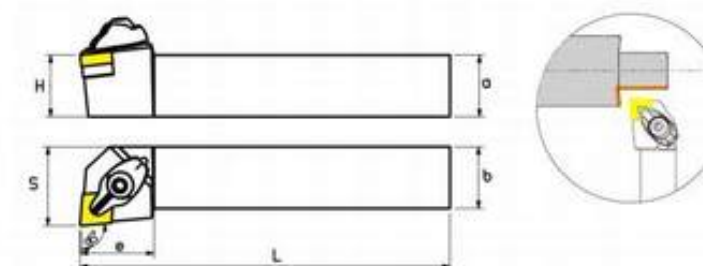
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉	
		Stock 库存		a	b	L	h	s	e						
		R	L												
CTUNR/L	2020K16		20	20	125	20	25	32	TN 00 1607 00	MT 1603	S4,S3	CCL2612	DM 0625	DSP 0510	
	2525M16		25	25	150	25	32	32							



车削刀具 | TURNING TOOLS

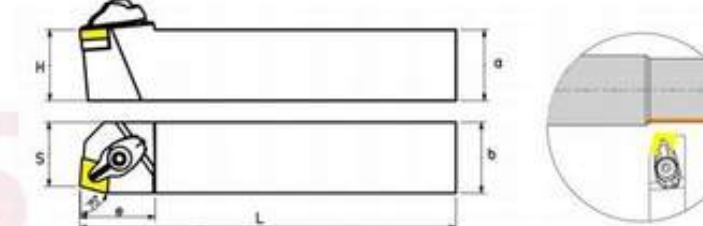
External turning toolholders 外圆车刀

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						
	4040R19			40	40	200	40	50	40	CN 1906	MC 1904	S6, S4	DCL1934 (机加)	M8X35	DSP 0814

DCBNR/L



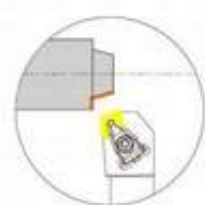
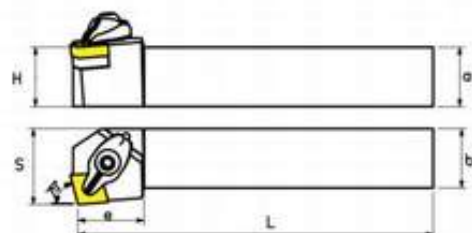
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉	
		Stock 库存		a	b	L	h	s	e						
		R	L												
DCBNR/L	2020K12			20	20	125	20	17	32	CN 1204	MC 1204	S4 , S3	DCL2612	DM 0625	DSP 0612
	2525M12			25	25	150	25	22	30						
	3232P12			32	32	170	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						
	4040R19			40	40	200	40	36	40	CN 1906	MC 1904	S6, S4	DCL1934 (机加)	M8X35	DSP 0814

车削刀具 | TURNING TOOLS



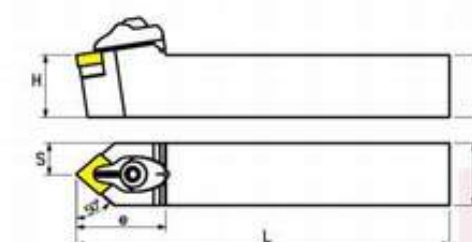
外圆车刀 External turning toolholders

DCKNR/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												
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



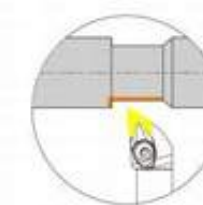
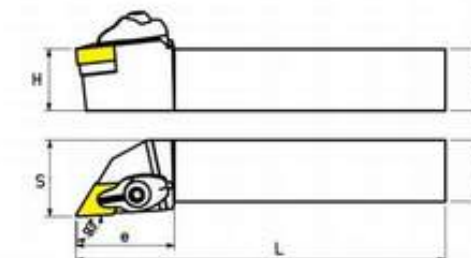
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉	
		Stock 库存		a	b	L	h	s	e						
		R	L												
DCMNN	2020K12			20	20	125	20	10	36	CN □ 1204□	MC 1204	S3、S4	DCL2612	DM 0625	DSP 0612
	2525M12			25	25	150	25	12.5	36						
	3232P12			32	32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



车削刀具 | TURNING TOOLS

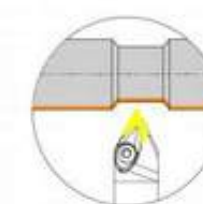
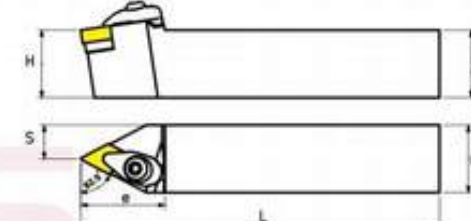
External turning toolholders 外圆车刀

DDJNR/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
		R	L												
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



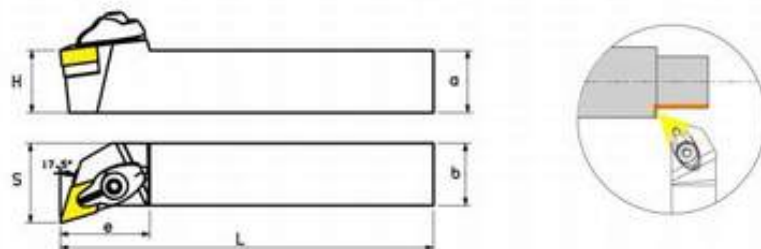
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	Screw 螺钉	
									Stock 库存		a	b	L	h	s
		R	L												
DDPNN	2020K11			20	20	125	20	10	32	DN 00 1104 00	MD 1103	S3	DCL2211	DM 0520	DSP 0510
	2525M11			25	25	150	25	12.5	36						
	2020K1504			20	20	125	20	10	36						
	2525M1504			25	25	150	25	12.5	36	DN 00 1504 00	MD 1504	S4 , S3	DCL2612	DM 0625	DSP 0612
	3232P1504			32	32	170	32	16	36						
	2020K1506			20	20	125	20	10	36						
	2525M1506			25	25	150	25	12.5	36	DN 00 1506 00					
	3232P1506			32	32	170	32	16	36						

车削刀具 | TURNING TOOLS



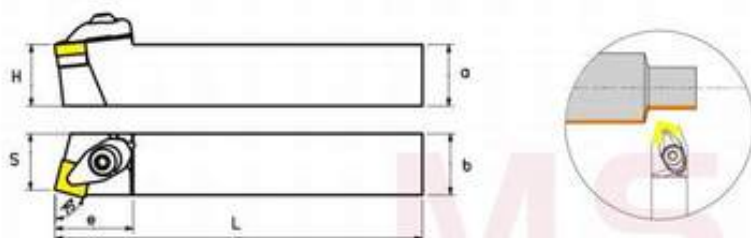
外圆车刀 External turning toolholders

DDQNR/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												
DDQNR/L	2020K11		20	20	125	20	25	28	DN 1104	MD 1103	S4 , S3	DCL2211	DM 0520	DSP 0510
	2525M11		25	25	150	25	31	28						
	2020K1504		20	20	125	20	26	36	DN 1504					
	2525M1504		25	25	150	25	32	36						
	3232P1504		32	32	170	32	38	36		MD 1504	S4 , S3	DCL2612	DM 0625	DSP 0612
	2020K1506		20	20	125	20	26	36						
	2525M1506		25	25	150	25	32	36	DN 1506					
	3232P1506		32	32	170	32	38	36						

DSBNR/L



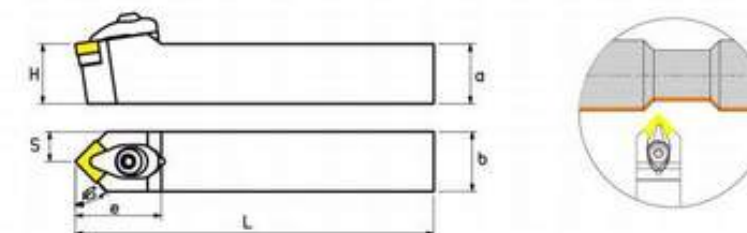
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉	
		Stock 库存		a	b	L	h	s	e						
		R	L												
DSBNR/L	2020K12			20	20	125	20	18	34	SN 1204	MS 1204	S3,S4	DCL 2612	DM 0625	DSP 0612
	2525M12			25	25	150	25	23	32						
	3232P12			32	32	170	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						
	4040R19			40	40	200	40	36	40	SN 1906	MS 1904	S6, S4	DCL1934 (机加)	M8X35	DSP 0814



车削刀具 | TURNING TOOLS

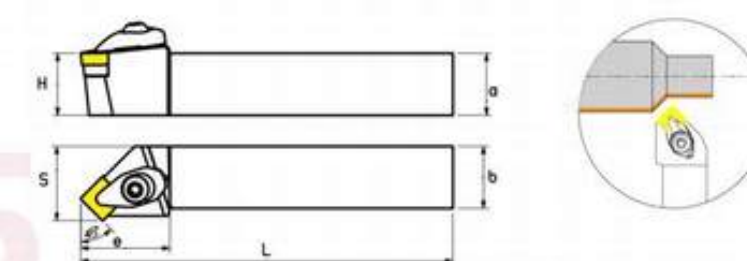
External turning toolholders 外圆车刀

DSDNN



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												
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						
	4040R19			40	40	200	40	20	48	SN 1906	MS 1904	S6, S4	DCL1934 (机加)	M8X35	DSP 0814

DSSNR/L



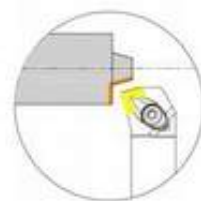
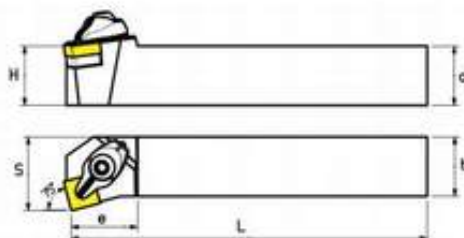
Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉		
	Stock 库存		a	b	L	h	s	e							
	R	L													
DSSNR/L	2020K12			20	20	125	20	25	36	SN 1204	MS 1204	S3, S4	DCL 2612	DM 0625	DSP 0612
	2525M12			25	25	150	25	30	35						
	3232P12			32	32	170	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						
	4040R19			40	40	200	40	43	48	SN 1906	MS 1904	S6, S4	DCL1934 (机加)	M8X35	DSP 0814

车削刀具 | TURNING TOOLS



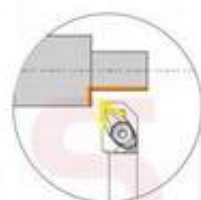
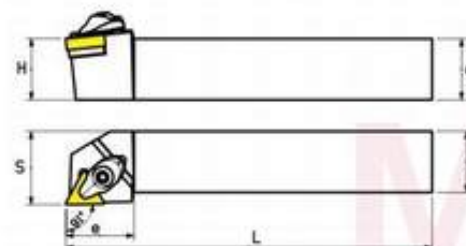
外圆车刀 External turning toolholders

DSKNR/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 压板螺栓	screw 螺钉	
		Stock 库存													
		R	L	a	b	L	h	s							e
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



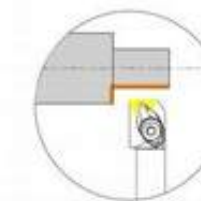
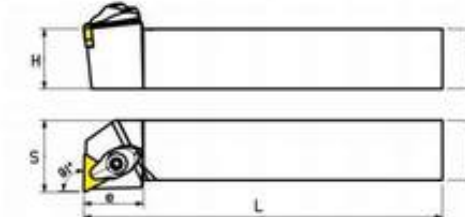
Type 型号		Dimension(mm) 基本尺寸						Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉	
		Stock 库存												
		a	b	L	h	s	e							
DTGNR/L	2020K16		20	20	125	20	24	28	TN □□□ 1604 □□□	MT 1603	S3	DCL 2211	DM 0520	DSP 0510
	2525M16		25	25	150	25	30	28						
	3225P16		32	25	170	32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



车削刀具 | TURNING TOOLS

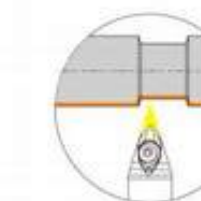
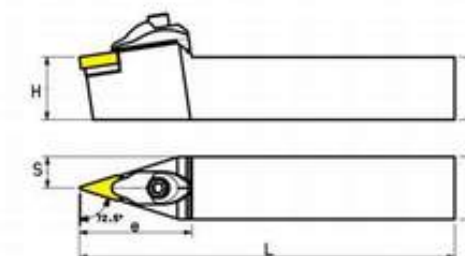
External turning toolholders 外圆车刀

DTFNR/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
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



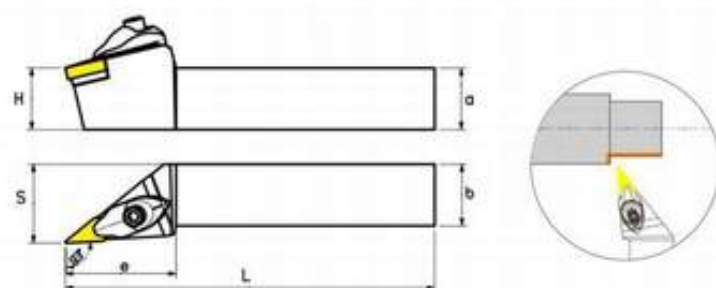
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	Screw 螺钉	
		Stock 库存													
			a	b	L	h	s	e							
DVVNN	2020K16			20	20	125	20	10	45	VN □□ 1604□□	MV 1603	S3	DCL 3113	M5X25 (内六角)	DSP 0510
	2525M16			25	25	150	25	12.5	45						
	3225P16			32	25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

车削刀具 | TURNING TOOLS



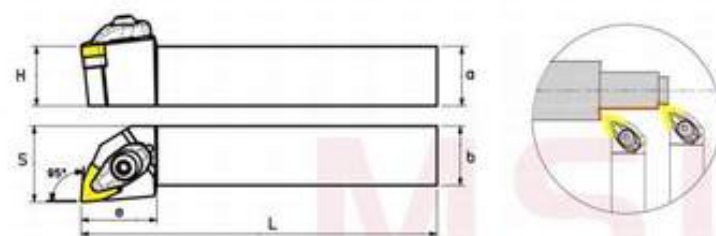
外圆车刀 External turning toolholders

DVJNR/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						
DVJNR/L 2020K16		20	20	125	20	26	45	VN 0804	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



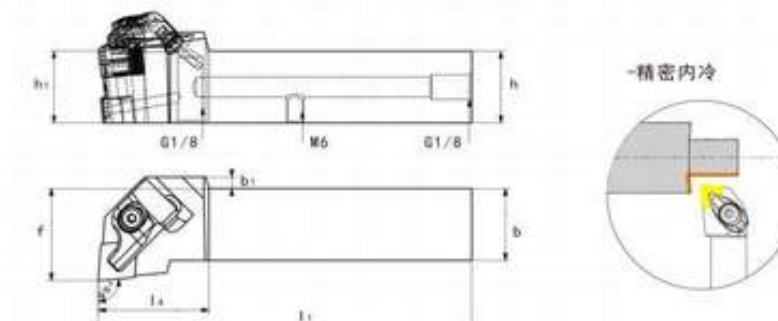
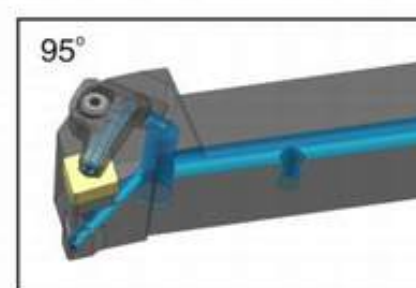
Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	Screw 螺钉
	Stock 库存	a	b	L	h	s	e						
DWLNR/L 2020K08		20	20	125	20	25	32	WN 0804	MW 0804	S4 S3	DCL 2612	DM 0625	DSP 0612
2525M08		25	25	150	25	32	31						
3225P08		32	25	170	32	32	31						
3232P08		32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



车削刀具 | TURNING TOOLS

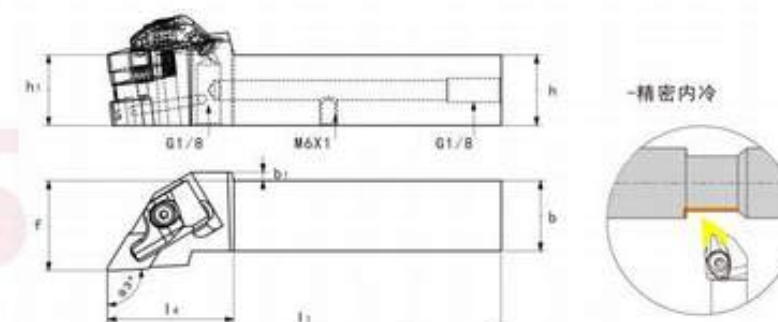
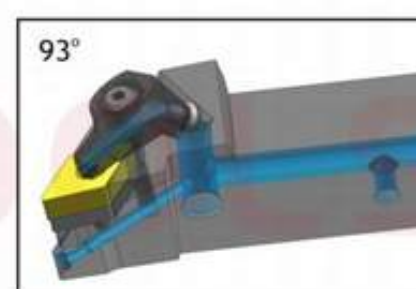
External turning toolholders 高压内冷外圆车刀

DCLNR/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
		h=h1	b	b1	f	L1	L4								
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



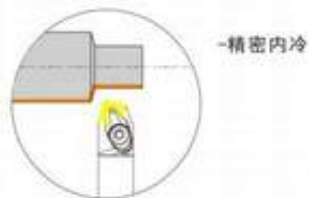
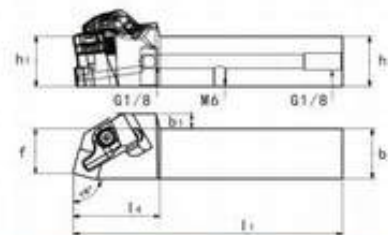
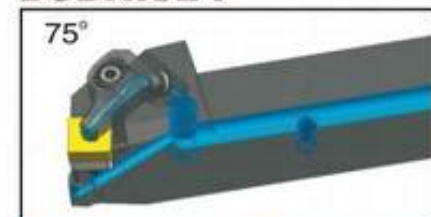
Type 型号		Dimension(mm) 基本尺寸						Applicable Inserts 使用的刀片	Shim 刀垫	Clamp 压板	Clamp screw 压板螺丝	screw 刀垫螺钉	弹簧	Wrench 扳手	螺纹
		h=h1	b	b1	f	L1	L4								
DDJNR/L	2020X15-P	20	20	7	25	125	45	DN ₁₅₀₆	DD15476	PK265R/L	5412-M525	L60 M4X8-B	φ7	T15	G1/8"
	2525X15-P	25	25	3	32	140	45								

车削刀具 | TURNING TOOLS



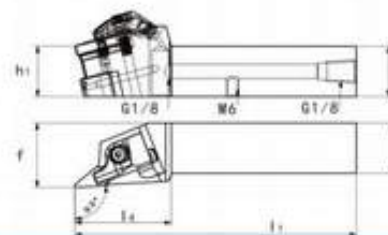
高压内冷外圆车刀 External turning toolholders 外圆车刀

DSBNR/L-P



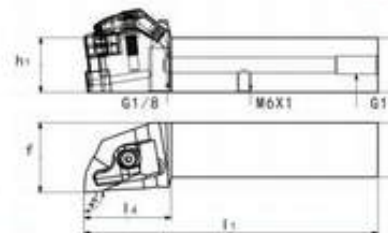
Type 型号	Dimension(mm) 基本尺寸						Applicable Inserts 使用的刀片	Shim 刀垫	Clamp 压板	Clamp screw 压板螺丝	SCREW 刀垫螺钉	弹簧	Wrench 扳手	螺纹塞
	h=h1	b	b1	f	L1	L4								
DSBNR/L 2525X12-P	25	25	7	22	135	43.5	SN 00 120400	DS12476	PK265R/L	5412-M525	L60 M4X8-B	φ7	T15	G1/8

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 00 160400	DV16320	PK261R/L	5412-M525	L60 M4X8-B	φ7	T15	G1/8
2525X16-P	25	25	0	32	140	48								

DWLNR/L-P



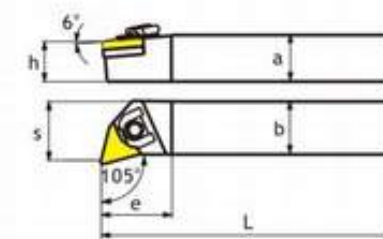
Type 型号	Dimension(mm) 基本尺寸						Applicable Inserts 使用的刀片	Shim 刀垫	Clamp 压板	Clamp screw 压板螺丝	SCREW 刀垫螺钉	弹簧	Wrench 扳手	螺纹塞
	h=h1	b	b1	f	L1	L4								
DWLNR/L 2020X08-P	20	20	0	25	120	40	WN 00 080400	DW08476	PK266R/L	5412-M525	L60 M4X8-B	φ7	T15	G1/8
2525X08-P	25	25	0	32	135	40								



车削刀具 | TURNING TOOLS

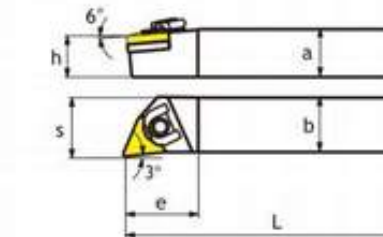
External turning toolholders 外圆车刀

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 ₀₀ 1604 ₀₀	WM0525	MT 1603	S2.5 S4	WTL16	SZ 0515
2525M16			25	25	150	25	35	27						
3232P16			32	32	170	32	45	32	TN ₀₀ 2204 ₀₀		MT 2204	S3,S4	WTL 22	SZ 0618
2525M22			25	25	150	25	38	36						
3232P22			32	32	170	32	45	36						

WTJNR/L



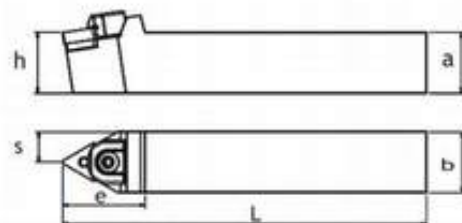
Type 型号		Dimension(mm) 基本尺寸								Applicable inserts 使用的刀片	Clamping screw 螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 中心柱
		Stock 库存		a	b	L	h	s	e						
		R	L												
WTJNR/L	1316H16			13	16	100	31	20	20	TN□□ 1604□□	WM0525	MT 1603	S2.5 S4	WTL16	SZ 0515
	1616H16			16	16	100	31	22	32						
	2020K16			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						

车削刀具 | TURNING TOOLS



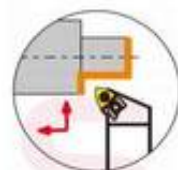
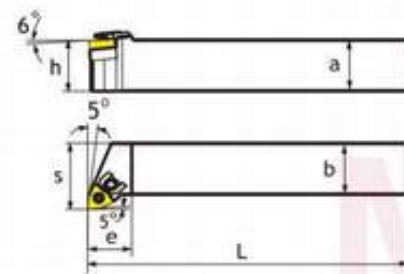
外圆车刀 External turning toolholders

WTENN



Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 适用的刀片	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												
WTENN	2020K16			20	20	125	20	10	34	TN ₀₀ 1604 ₀₀	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 ₀₀ 2204 ₀₀	MT 2204	S3,S4	WTL22	SZ 0618	
	3232P22			32	32	170	32	16	33						

WWLNR/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												
WWLNR/L	2020K08			20	20	125	25	27	32	WN ₀₈₀ 0804 ₀₈₀	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



车削刀具 | TURNING TOOLS

Internal turning toolholders 内孔车刀

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

1. 刀杆形式 Tool holder type

2. 刀杆直径 Tool holder diameter

3. 刀杆长度 Tool length

4. 压装方式 Clamping system

5. 刀片形状 Insert shape

6. 刀头形状 Tool holder style

7. 刀片后角 Insert clearance angle

8. 切削方向 Cutting direction

9. 切削刃长 Cutting edge length

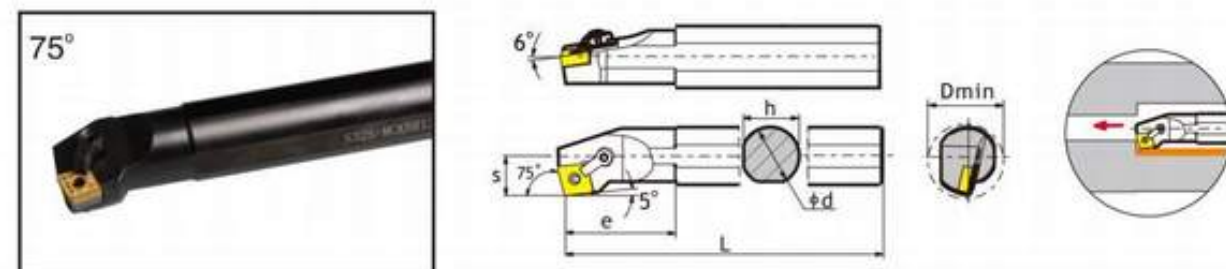
制造商命名选项

车削刀具 | TURNING TOOLS



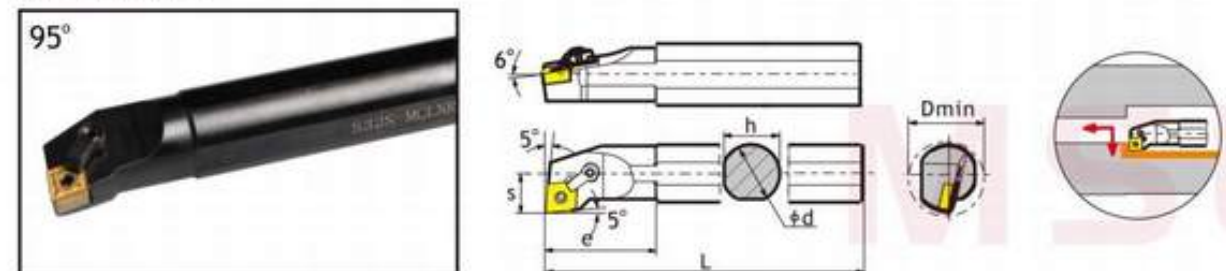
内孔车刀 Internal turning toolholders

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	S3
S25R-MCKNR/L12			32	25	23	200	16.5	35												
S32S-MCKNR/L12			40	32	30	250	22	50												
S40T-MCKNR/L12			50	40	38	300	26	55												
S50U-MCKNR/L12			60	50	48	350	30	60	MC 1204	MSP617	MCL1814	WS 061025	S3							

MCLNR/L



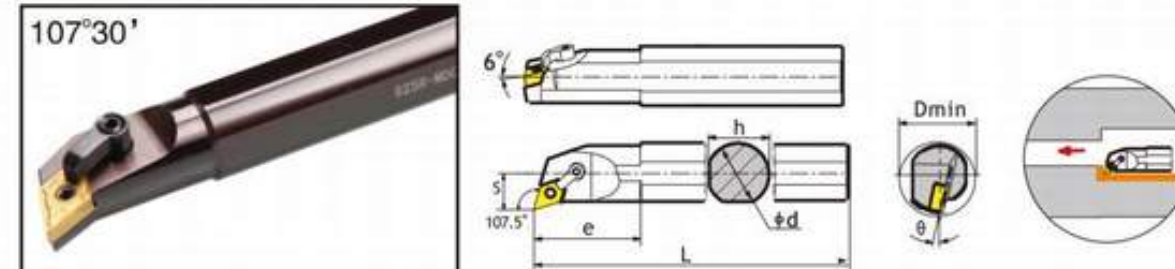
Type 型号	Dimension(mm) 基本尺寸							Applicable inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手									
	Stock 库存		Dmin	φd	h	L	s	e														
	R	L																				
S20Q-MCLNR/L12			26	20	18	180	13	40							CN □□ 1204□□	X	MSP 613	MCL1810	WS 061020	S3		
S25R-MCLNR/L12	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



车削刀具 | TURNING TOOLS

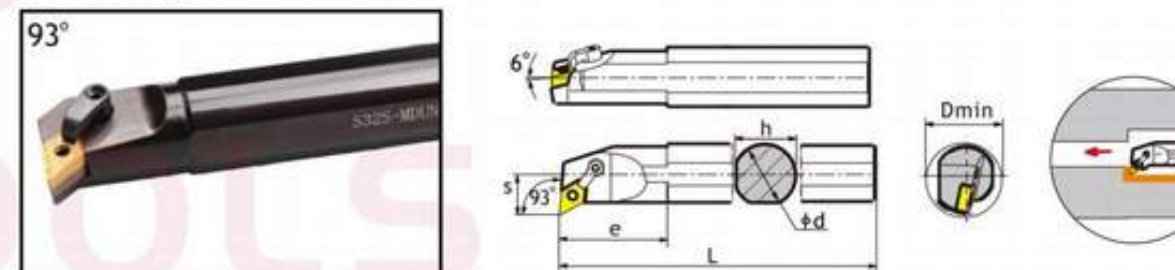
Internal turning toolholders 内孔车刀

MDQNR/L



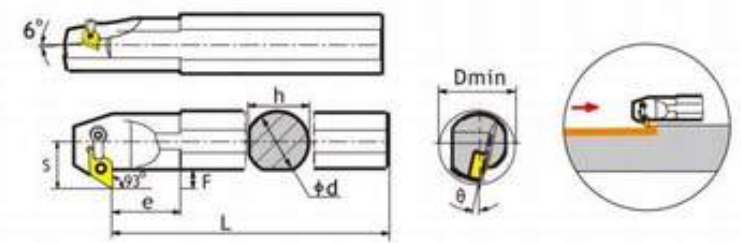
Type 型号	Dimension(mm) 基本尺寸							Applicable inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手	
	Stock 库存		Dmin	Φd	h	L	s	e						
	R	L												
S20Q-MDQNR/L1504			26	20	18	180	13	40	DN _{max} 1504 _{max}	X	MSP613	MCL1810	WS 061020	S3
S25R-MDQNR/L1504			32	25	23	200	17	45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

MDUNR/L



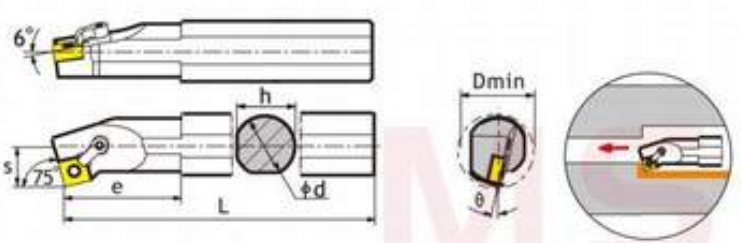
Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手	
	Stock 库存		Dmin	φd	h	L	s	e						
	R	L												
S20Q-MDUNR/L1504			28	20	18	180	17	40	DN _{max} 1504 _{min}	X	MSP613	MCL1810	WS 061020	S3
S25R-MDUNR/L1504			32	25	24	200	19	40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

MDZNR/L

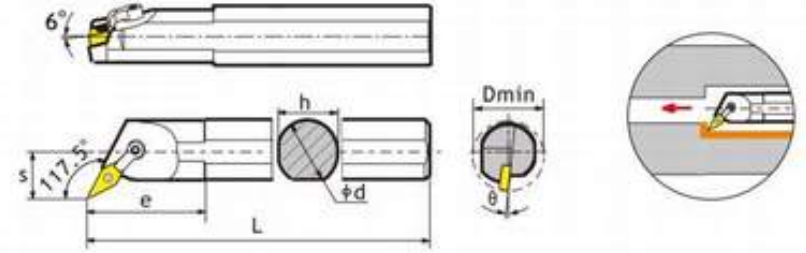
Type 型号	Dimension(mm) 基本尺寸								Applicable inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
	Stock 库存 R L	Dmin	φd	h	L	s	e	f						
S25R-MDZNR/L1504		36	25	23	200	22	35	11	VN□□ 1504□□	X	MSP613			S3
S32S-MDZNR/L1504		43	32	30	250	26	40	12						
S40T-MDZNR/L1504		50	40	37	300	29	50	11.5						
S32S-MDZNR/L1506		43	32	30	250	26	40	12						
S40T-MDZNR/L1506		50	40	37	300	29	50	11.5	DN□□ 1506□□	MD1504	MSP619	MCL1814	WS061025	S3

MSKNR/L

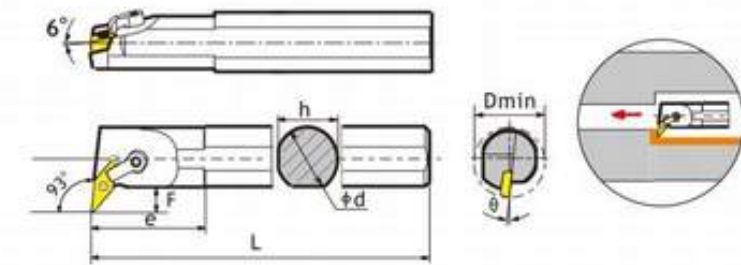
Type 型号	Dimension(mm) 基本尺寸								Applicable inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
	Stock 库存 R L	Dmin	φd	h	L	s	e	f						
S20Q-MSKNR/L12		26	20	18	180	13	15°	31	SN□□ 1204□□	X	MSP613	MCL1810	WS061020	S3
S25R-MSKNR/L12		32	25	23	200	17	12°	35						
S32S-MSKNR/L12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

MVQNR/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 R L	Dmin	φd	h	L	s	e	f						
S25R-MVQNR/L16		32	25	23	200	17	12°	40	VN□□ 1604□□	X	MSP510	MCL1814		S2,S3
S32S-MVQNR/L16		42	32	30	250	22	17°	40						
S40T-MVQNR/L16		50	40	37	300	27	15°	50		MV 1603	MSP513	MCL2414	WS061025	

MVUNR/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 R L	Dmin	φd	h	L	s	e	f						
S25R-MVUNR/L16		36	25	23	200	20	40	8	VN□□ 1604□□	X	MSP510			S2,S3
S32S-MVUNR/L16		42	32	30	250	23	40	8						
S40T-MVUNR/L16		50	40	37	300	27	55	10		MV 1603	MSP513	MCL1814	WS061025	

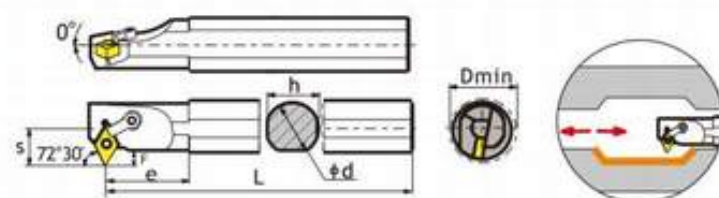
车削刀具 | TURNING TOOLS



内孔车刀 Internal turning toolholders

MVWNR/L

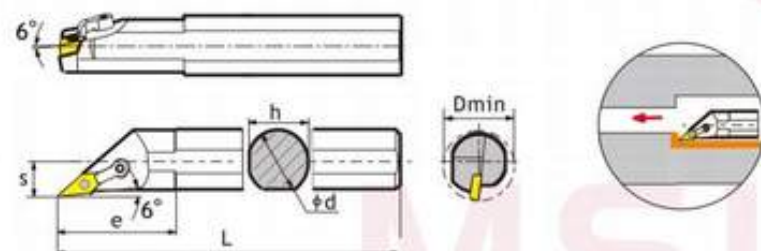
72° 30'



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	R	L	Dmin	φd	h	L	s	e	f			
S25R-MVWNR/L16				36	25	23	200	22	35	10			
S32S-MVWNR/L16				48	32	30	250	25	40	10	VN□□ 1604□□		
S40T-MVWNR/L16				56	40	37	300	29	45	11			

MXNR/L

96°



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	R	L	Dmin	φd	h	L	s	e				
S25R-MXNR/L16				32	25	23	200	17	55				
S32S-MXNR/L16				42	32	30	250	21	60	VN□□ 1604□□			
S40T-MXNR/L16				50	40	38	300	25	68				

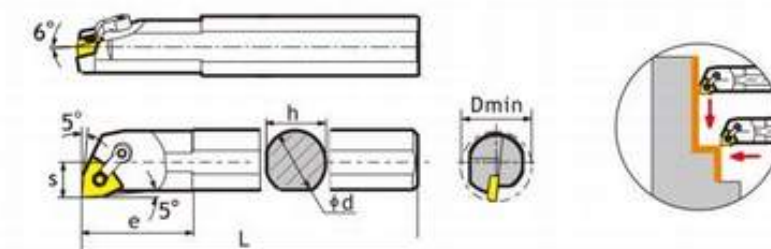


车削刀具 | TURNING TOOLS

Internal turning toolholders 内孔车刀

MWLNR/L

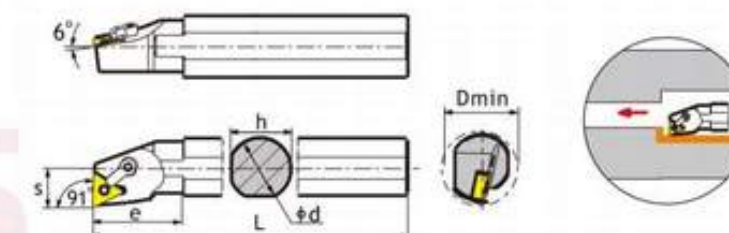
95°



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	R	L	Dmin	φd	h	L	s	e				
S20Q-MWLNR/L08				25	20	18	180	14.5	36				
S25R-MWLNR/L08				32	25	23	200	17	40				
S32S-MWLNR/L08				41	32	30	250	22	50				
S40T-MWLNR/L08				50	40	37	300	27	55				

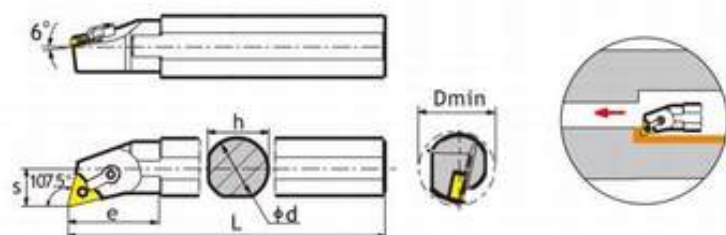
MTFNR/L

91°



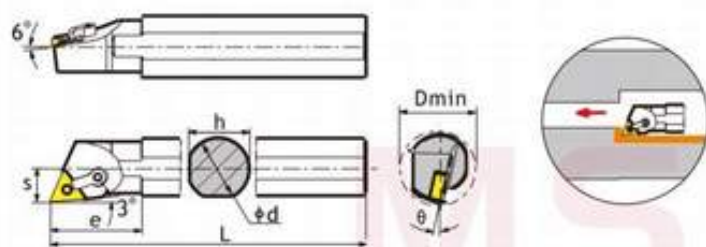
Type 型号	Dimension(mm) 基本尺寸							Applicable inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
	Stock 库存	R	L	Dmin	φd	h	L	s	e				
S20Q-MTFNR/L16				25	20	18	180	13	35				
S25R-MTFNR/L16				32	25	23	200	16	40				
S32S-MTFNR/L16				40	32	30	250	20	45				
S40T-MTFNR/L16				50	40	37	300	25	50				

MTQNR/L



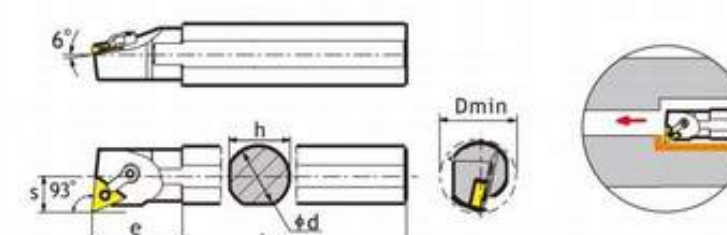
Type 型号	Dimension(mm) 基本尺寸							Applicable inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
	Stock 库存	R	L	Dmin	φd	h	L	s	e				
S20Q-MTQNR/L16				25	20	18	180	14	35	X	MSP510	MCL1810	WS061020
S25R-MTQNR/L16				32	25	23	200	18	35				
S32S-MTQNR/L16				40	32	30	250	21	40				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

MTJNR/L



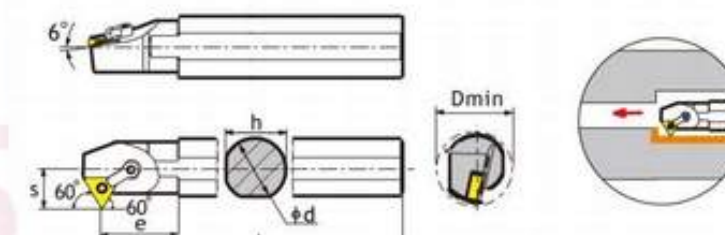
Type 型号	Dimension(mm) 基本尺寸							Applicable inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
	Stock 库存	R	L	Dmin	φd	h	L	s	e				
S25R-MTJNR/L16				32	25	23	200	15	40	X	MSP510	MCL1810	WS061020
S32S-MTJNR/L16				40	32	30	250	18	45				
S40T-MTJNR/L16				50	40	37	300	24	55				
							TN□□ 1604□□	MT 1603		MSP513	MCL1814	WS061025	S2,S3

MTUNR/L



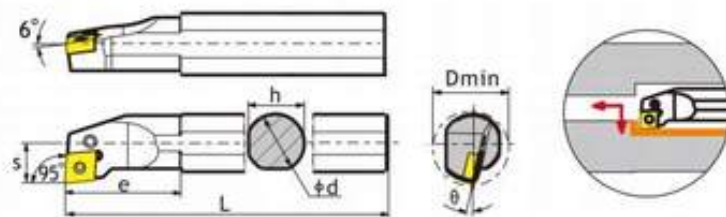
Type 型号	Dimension(mm) 基本尺寸							Applicable inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
	Stock 库存	R	L	Dmin	φd	h	L	s	e				
S20Q-MTUNR/L16				25	20	18	180	13	31	X	MSP510	MCL1810	WS061020
S25R-MTUNR/L16				32	25	23	200	17	35				
S32S-MTUNR/L16				40	32	30	250	22	40				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

MTWNR/L



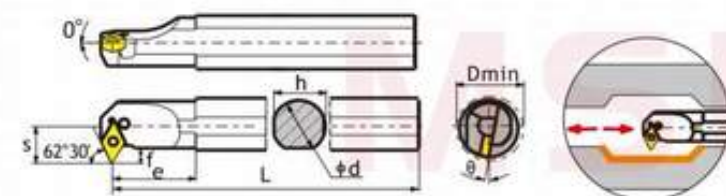
Type 型号	Dimension(mm) 基本尺寸							Applicable inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
	Stock 库存	R	L	Dmin	φd	h	L	s	e				
S20Q-MTWNR/L16				27	20	18	180	15	31	X	MSP510	MCL1810	WS061020
S25R-MTWNR/L16				32	25	23	200	17	35				
S32S-MTWNR/L16				40	32	30	250	22	42				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

PCLNR/L



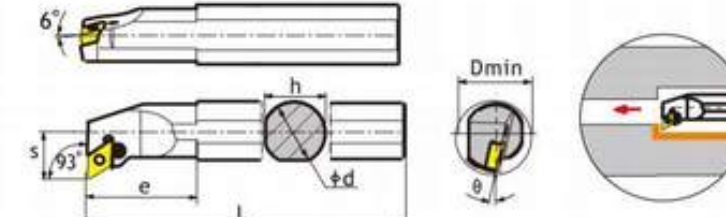
Type 型号	Dimension(mm) 基本尺寸								Applicable inserts 使用的刀片	Screw 螺钉	Wrench 扳手	Lever 杠杆	Shim 刀垫	Shim pin 垫销	
	Stock 库存		Dmin	φd	h	L	s	α°	e						
	R	L													
S16Q-PCLNR/L09			20	16	15	180	10	-12°	30	CN 0903	VHX0509	S2	LV3C	—	—
S20Q-PCLNR/L09			25	20	18	180	12	-11°	30						
S25R-PCLNR/L09			32	25	23	200	15	-10°	35	CN 1204	VHX0613	S2.5	LV4A	—	—
S20Q-PCLNR/L12			25	20	18	180	13	-11°	35						
S25R-PCLNR/L12			32	25	23	200	15	12°	40						
S32S-PCLNR/L12			44	32	30	250	22	-10°	50						
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



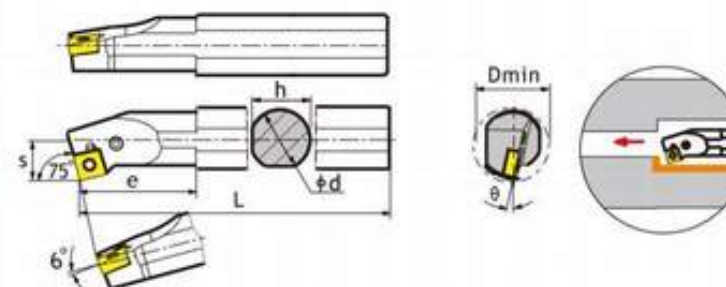
Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手	Lever 杠杆	Shim 刀垫	Shim pin 垫销
	Stock 库存		Dmin	φd	h	L	s	e	f						
	R	L													
S32S-PDSNR/L15			40	32	30	250	23.5	45	9	DN ₀₀ 1506 ₀₀	VHX0821	S3	LV4B	PD15318	SP4
S40T-PDSNR/L15			50	40	37	300	28.5	43	11						
S32S-PDSNR/L15-3			40	32	30	250	23.5	45	9	DN ₀₀ 1504 ₀₀	VHX0821	S3	LV4	PD15318	SP4
S40T-PDSNR/L15-3			50	40	37	300	28.5	43	11						

PDUNR/L



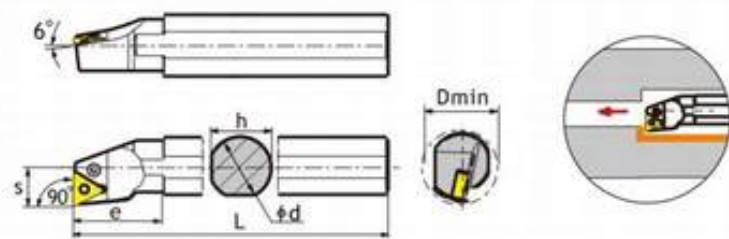
Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手	Lever 杠杆	Shim 刀垫	Shim pin 垫销	
	Stock 库存		Dmin	φd	h	L	s	α	e						
	R	L													
S20Q-PDUNR/L 11			25	20	18	180	13	-16°	30	DN ₁₁₀₄	VHX0512	S2	LV3D	—	—
S25R-PDUNR/L 11			32	25	23	200	17	-13°	35		VHX0617	S2.5	LV3	PD11270	SP3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

PSKNR/L



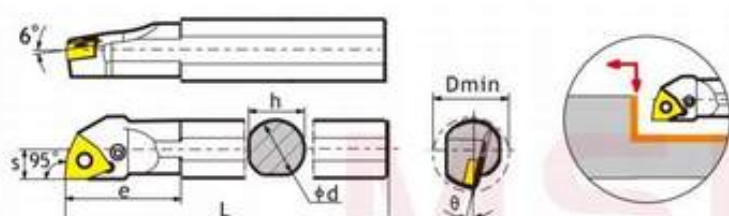
Type 型号	Dimension(mm) 基本尺寸								Applicable inserts 使用的刀片	Screw 螺钉	Wrench 扳手	Lever 杠杆	Shim 刀垫	Shim pin 垫销	
	Stock 库存		Dmin	φd	h	L	s	θ°	e						
	R	L													
S25R-PSKNR/L 12			32	25	23	200	17	-12°	42						
S32S-PSKNR/L 12			44	32	30	250	22	-10°	45	VHX0821	S3	LV4	PS12318	SP4	
S40T-PSKNR/L 12			54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

PTFNR/L



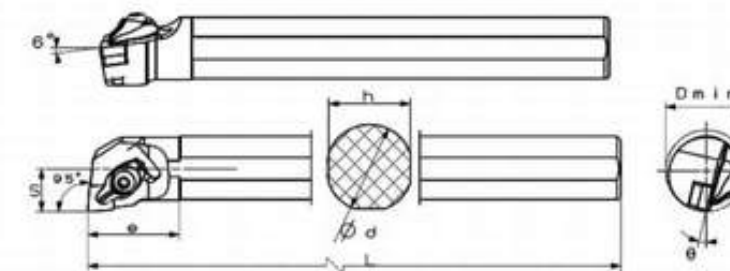
Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手	Lever 杠杆	Shim 刀垫	Shim pin 垫钉
	Stock 库存		Dmin	φd	h	L	s	e					
	R	L											
S16Q-PTFNR/L 11			20	16	15	180	11	28	TN 1103	VHX0509	S2	LV2	—
S20Q-PTFNR/L 11			25	20	18	180	13	31					
S25R-PTFNR/L 11			32	25	23	200	17	35					
S25R-PTFNR/L 16			32	25	23	200	17	42	TN 1604	VHX0512	S2	LV3B	—
S32S-PTFNR/L 16			44	32	30	250	22	50					
S40T-PTFNR/L 16			54	40	37	300	27	55					
									VHX0613	S2.5	LV3	PT16476	SP3

PWLNR/L



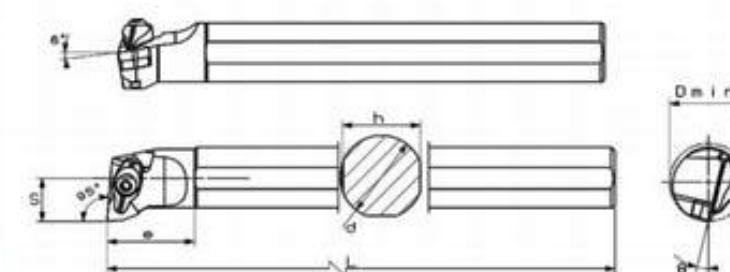
Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手	Lever 杠杆	Shim 刀垫	Shim pin 垫钉
	Stock 库存		Dmin	φd	h	L	s	e					
	R	L											
S16Q-PWLNR/L06			20	16	15	180	11	-13°	WN 0604	VHX0512	S2	LV3B	—
S20Q-PWLNR/L06			25	20	18	180	13	-13°					
S25R-PWLNR/L06			32	25	23	200	17	-13°		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

DCLNR/L



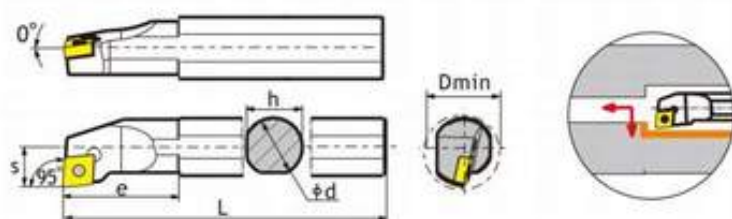
Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺钉	Screw 螺钉
	Stock 库存		Dmin	φd	h	L	s	e					
	R	L											
S25R-DCLNR/L 12-D			32	25	23	200	17	13	CN 1204	MC1203	S3, T15	DML4	DM 0520
S32S-DCLNR/L 12			40	32	30	250	21	13					
S40T-DCLNR/L 12			50	40	37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

DWLNR/L



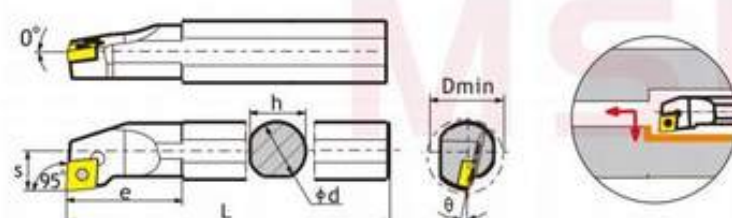
Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺钉	Screw 螺钉
	Stock 库存		Dmin	φd	h	L	s	e					
	R	L											
S25R-DWLNR/L 08-D			32	25	23	200	17	13	WN 0804	MW 0803	S3, T15	DML4	DM 0520
S32S-DWLNR/L 08			40	32	30	250	22	13					
S40T-DWLNR/L 08			50	40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

SCLCR/L



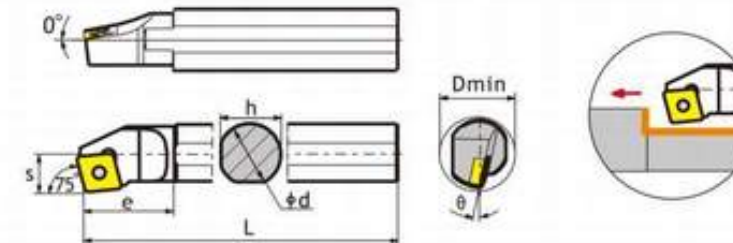
Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存	R	L	Dmin	φd	h	L	s	e	
S07K-SCLCR/L 06				9	7	6	125	4.6	15	CC-T 0602
S08K-SCLCR/L 06				10	8	7	125	4.5	14	
S10K-SCLCR/L 06				12	10	9	125	6	17	
S12M-SCLCR/L 06				16	12	11	150	7	17	
S12M-SCLCR/L 09				16	12	11	150	8	25	CC-T 09T3
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
S32S-SCLCR/L 12				36	32	30	250	18	45	
S40T-SCLCR/L 12				50	40	37	300	27	60	

SCLCR/L-H



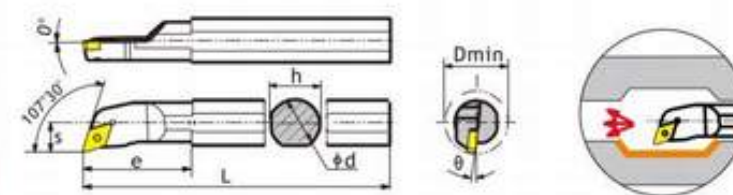
Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	φd	h	L	s	θ°	e			
	R	L										
S08K-SCLCR/L 06H09			9	8	7	125	4.3	-15°	15			
S10K-SCLCR/L 06H11			11	10	9	125	5.5	-13°	16			
S12M-SCLCR/L 06H13			13	12	11	150	6.5	-10°	17			
S16Q-SCLCR/L 09H17			17	16	15	180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

SCKCR/L



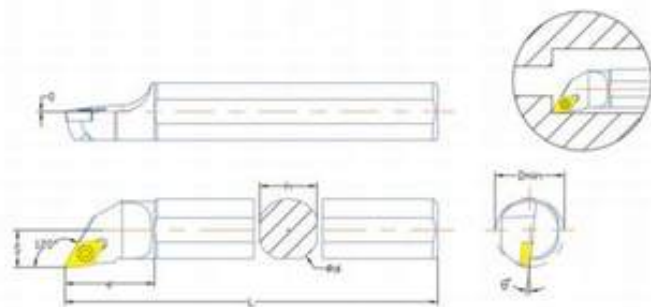
Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手	
	Stock 库存		Dmin	φd	h	L	s	θ°	e			
	R	L										
S08K-SCKCR/L06			10	8	7.5	125	5.5	13°	15	CC ₀ T 0602 ₀₀₃	L60M2.5X5	T08
S10K-SCKCR/L06			13	10	9	125	7	12°	15			
S12M-SCKCR/L06			16	12	11	150	8	10°	20			
S12M-SCKCR/L09			16	12	11	150	8	12°	20			
S16Q-SCKCR/L09			20	16	15	160	10	10°	25	CC ₀ T 09T3 ₀₀₁	L60M4X8	T15
S20Q-SCKCR/L09			24	20	19	180	13	8°	30			
S25R-SCKCR/L09			31	25	24	200	16	8°	35			

SDQCR/L



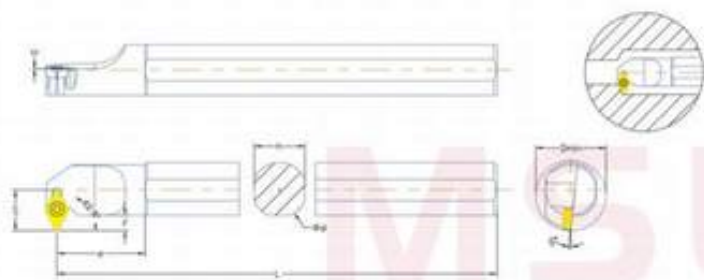
Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	φd	h	L	s	e°	e			
	R	L										
S08K-SDQCR/L07			10	8	7	125	6	-8°		DC-T 0702	L60M2.5X5	T08
S10K-SDQCR/L 07			13	10	9	125	7	-8°	20			
S12M-SDQCR/L 07			16	12	11	150	9	-8°	22			
S16Q-SDQCR/L 07			20	16	15	180	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			

SDXCR/L



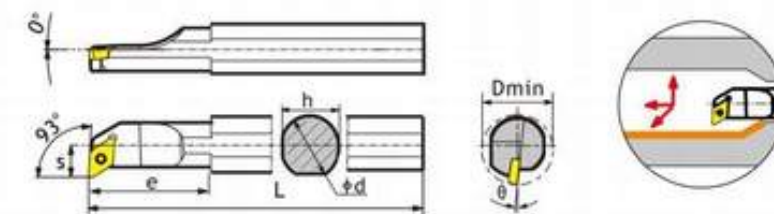
Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	Φd	h	L	s	θ°	e			
	R	L										
S10K-SDXCR/L 07			13	10	9	125	7	-8°	18			
S12M-SDXCR/L 07			16	12	11	150	8	-8°	20			
S16Q-SDXCR/L 07			20	16	15	180	10	-6°	25			
S20Q-SDXCR/L 11			25	20	18	180	13	-6°	33	DC0T 11T300	L60M4X8	T15
S25R-SDXCR/L 11			32	25	23	200	16	-6°	32			

SDWCR/L



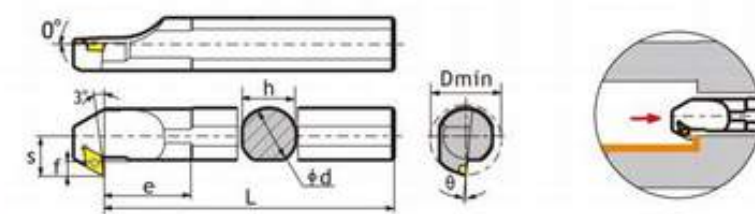
Type 型号	Dimension(mm) 基本尺寸										Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	φd	h	L	s	θ°	e	f			
	R	L											
S12M-SDWCR/L 07			19	12	11	125	11	-8°	15	5.5			
S16Q-SDWCR/L 07			23	16	15	180	12.5	-8°	15	5			
S20Q-SDWCR/L 07			27	20	19	180	14.5	-8°	22	5.5			
S20Q-SDWCR/L 11			27	20	19	180	14.5	-6°	25	6	DC0T 11T300	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			

SDUCR/L



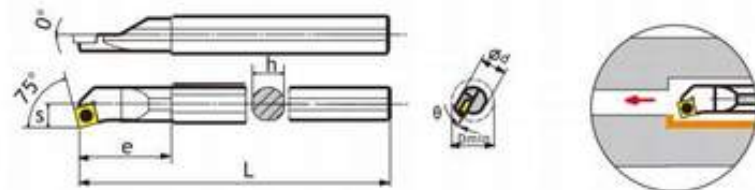
Type 型号	Dimension(mm) 基本尺寸										Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手			
	Stock 库存		Dmin	φd	h	L	s	θ	e	f						
	R	L														
S08K-SDUCR/L07			13	08	7.5	125	8	-8°		4				DC0 T070200	L60M2.5X5	T08
S10K-SDUCR/L 07			13	10	9	125	7.7	-8°		3						
S12M-SDUCR/L 07			16	12	11	150	8.5	-8°	22	3						
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	DC0 T11T300	L60M4X8	T15			
S25R-SDUCR/L 11			32	25	23	200	18.5	-6°	35	7						

SDZCR/L



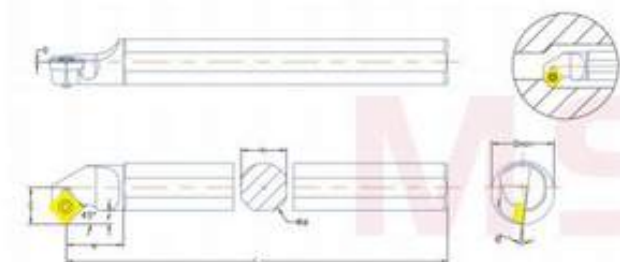
Type 型号	Dimension(mm) 基本尺寸										Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	φd	h	L	s	θ	e	f			
	R	L											
S20Q-SDZCR/L11			27	20	18	180	16	-6°	20	7.5			
S25R-SDZCR/L 11			33	25	23	200	19	-6°	30	7.5			
S32S-SDZCR/L 11			40	32	30	250	23	-6°	35	8.4			
S40T-SDZCR/L 11			50	40	37	300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

SSKCR/L



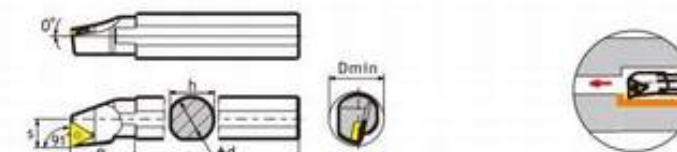
Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手				
	Stock 库存		Dmin	φd	h	L	s	θ	e						
S12M-SSKCR/L 09			16	12	11	150	9	-10°	25				SC T 09T3	L60M4X8	T15
S16Q-SSKCR/L 09			20	16	15	180	11	-11°	30						
S20Q-SSKCR/L 09			25	20	18	180	13	-6°	35						
S25R-SSKCR/L 09			32	25	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



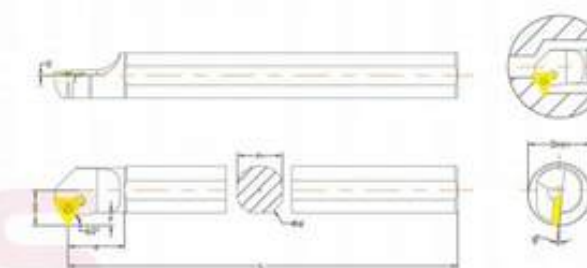
Type 型号	Dimension(mm) 基本尺寸										Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手			
	Stock 库存		Dmin	φd	h	L	s	θ	e	f						
	R	L														
S12M-SSSCR/L 09			17	12	11	150	10	-10°	15	4.5				SC T 09T3	L60M4X8	T15
S16Q-SSSCR/L 09			22	16	15	180	13	-11°	25	5.5						
S20Q-SSSCR/L 09			25	20	18	180	15	-6°	30	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						

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	L60M2.2X6	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	α°	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			

STFPR/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						
	R	L												
S08K-STFPR/L09			10	08	7	125	5	-10°	14	TP T 0902 □ □ (黄)	L60M2.5X5	T08		
S10K-STFPR/L11H11			11	10	9	125	5.5	-13°		TP T 1103 □ □ (Zett)				
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	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存	R	L	Dmin	φd	h	L	s	θ			
S08K-STUCR/L09				11	08	7	125	5.5	-15°	TC T 0902 □ □	L60M2.2X6	T06
S08K-STUCR/L09-A16				11	16	15	125	5.5	-15°			
S10K-STUCR/L09				13	10	9	125	6	-13°			
S10K-STUCR/L09-A16				13	16	15	125	7	-13°			
S10K-STUCR/L11				13	10	9	125	7	-12°	TC T 1102 □ □	L60M2.5X5	T08
S10K-STUCR/L11-A16				16	16	15	125	7	-12°			
S12M-STUCR/L11				16	12	11	150	7	-10°			
S12M-STUCR/L11-A16				16	16	15	150	7	-10°			
S16Q-STUCR/L11				20	16	15	180	9	-8°	TC T 16T3 □ □	L60M4X8	T15
S20Q-STUCR/L11				25	20	19	180	11	-6°			
S25R-STUCR/L11				31	25	24	200	15	-4°			
S20Q-STUCR/L16				25	20	19	180	13	-8°			
S25R-STUCR/L16				31	25	24	200	17	-6°			
S32S-STUCR/L16				39	32	30	250	18	-4°			
S40T-STUCR/L16				50	40	38	300	25	-2°			

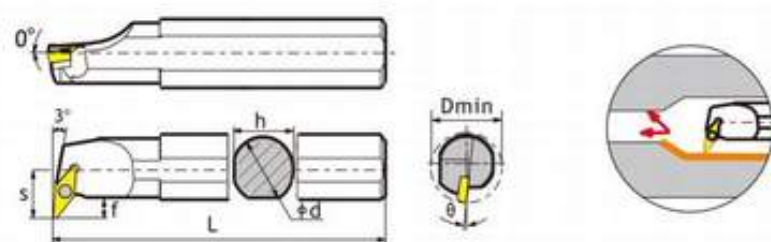
SVQCR/L

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	R	L	Dmin	φd	h	L	s	θ	e			
S20Q-SVQCR/L16				27	20	18	180	15	-8°	40	VC T 1604 □ □	L60M4X8	T15
S25R-SVQCR/L16				32	25	23	200	18.5	-8°	45			
S32S-SVQCR/L 16				40	32	30	250	22	-8°	56			
S40T-SVQCR/L 16				50	40	37	300	27	-8°	64			

SVQBR/L

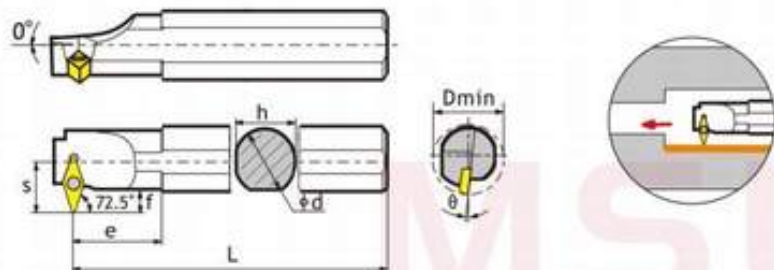
Type 型号	Dimension(mm) 基本尺寸										Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存	R	L	Dmin	φd	h	L	s	θ	e			
S20Q-SVQBR/L16				27	20	18	180	15	-8°	40	VB T 1604 □ □	L60M4X8	T15
S25R-SVQBR/L16				32	25	23	200	18.5	-8°	45			
S32S-SVQBR/L 16				40	32	30	250	22	-8°	56			
S40T-SVQBR/L 16				50	40	37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

SVUCR/L



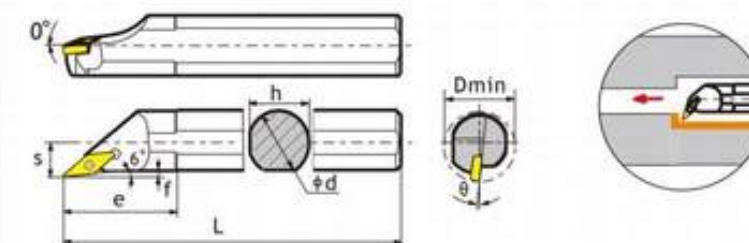
Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手	
	Stock 库存		Dmin	Φd	h	L	s	e	f			
	R	L										
S16Q-SVUCR/L11			22	16	15	180	13.5	24	6	VC T 1103	L60M2.5X5	T08
S20Q-SVUCR/L16			31	20	19	180	19	32	9.5			
S25R-SVUCR/L16			35	25	23	200	20	32	8.4	VC T 1604	L60M4X8	T15
S32S-SVUCR/L 16			42	32	30	250	22	49	8.4			
S40T-SVUCR/L 16			51	40	37	300	27	49	11			

SVWCR/L



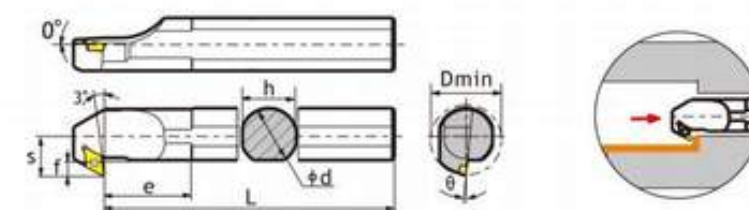
Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	φd	h	L	s	e	f			
	R	L										
S16Q-SVWCR/L11			25	16	15	180	14	25	6.9	VC T 1103	L60M2.5X5	T08
S20Q-SVWCR/L16			32	20	18	180	22	25	12.9			
S25R-SVWCR/L16			36	25	23	200	22	30	10	VC T 1604	L60M4X8	T15
S32S-SVWCR/L 16			45	32	30	250	27	42	12.2			
S40T-SVWCR/L 16			55	40	37	300	30	50	11			

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	L60M2.5X5	T08
S20Q-SVXCR/L16			25	20	18	180	13	40	4			
S25R-SVXCR/L16			32	25	23	200	14.5	40	3	VC T 1604	L60M4X8	T15
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



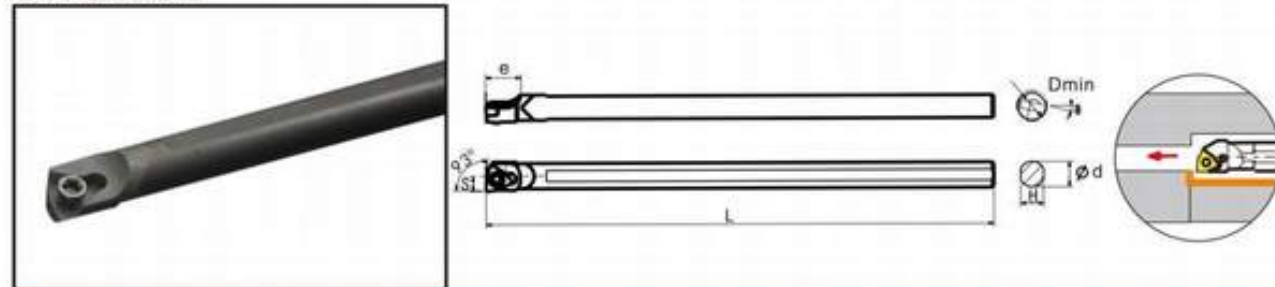
Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	φd	h	L	s	e	f			
	R	L										
S16Q-SVZCR/L 11			22	16	15	180	13.5	15	6.5	VC ₀ T 1103 ₀₀	L60M2.5X5	T08
S20Q-SVZCR/L 11			28	20	18	180	16	22	7.5			
S25R-SVZCR/L 16			34	25	23	200	21	30	10	VC ₀ T 1604 ₀₀	L60M4X8	T15
S32S-SVZCR/L 16			40	32	30	250	23	35	9			
S40T-SVZCR/L 16			50	40	37	300	29	40	11			

车削刀具 | TURNING TOOLS



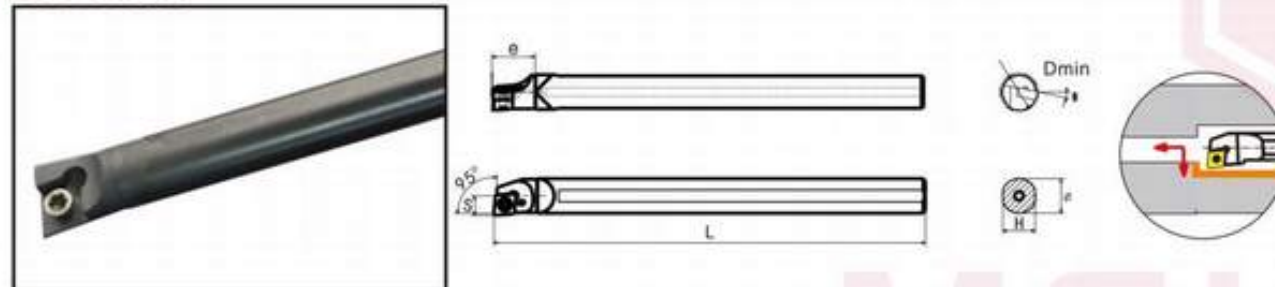
钨钢内孔车刀 Tungsten steel Internal Turning tools

SWUBR/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										
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	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										
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

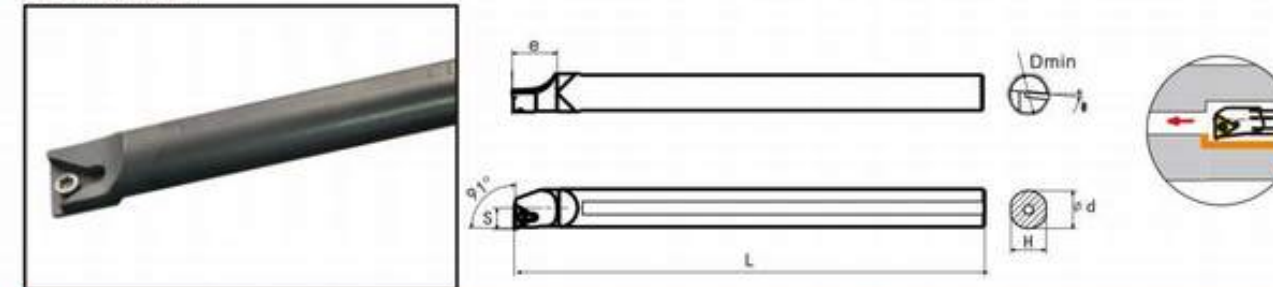
Note: Tungsten steel Anti-shaking Internal Turning tools with coolant hole or without coolant hole both can be offered.



车削刀具 | TURNING TOOLS

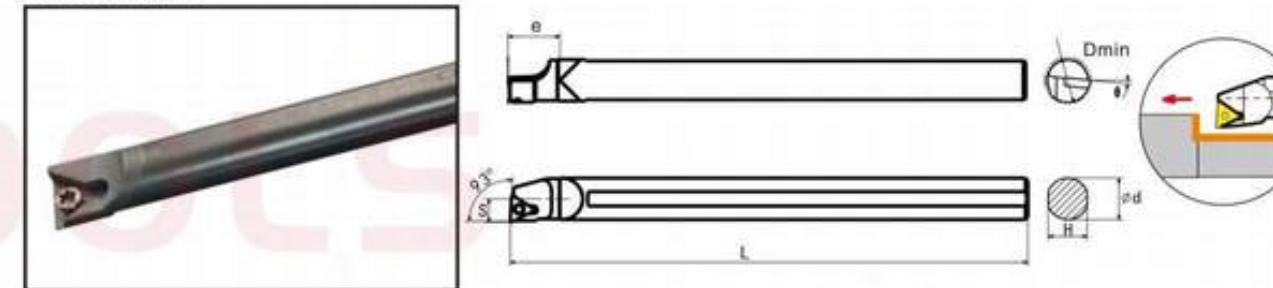
Tungsten steel Internal Turning tools 钨钢内孔车刀

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	θ°	e			
	R	L										
C08K-STFCR/L09			10	8	7.5	125	5	-10	8	TC-T0902	L60M2.2X6	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	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											
C08K-STUPR/L09			11	8	7.5	125	5.5	-10°	8	TP-T0902 _{CO} (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 _{CO} (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

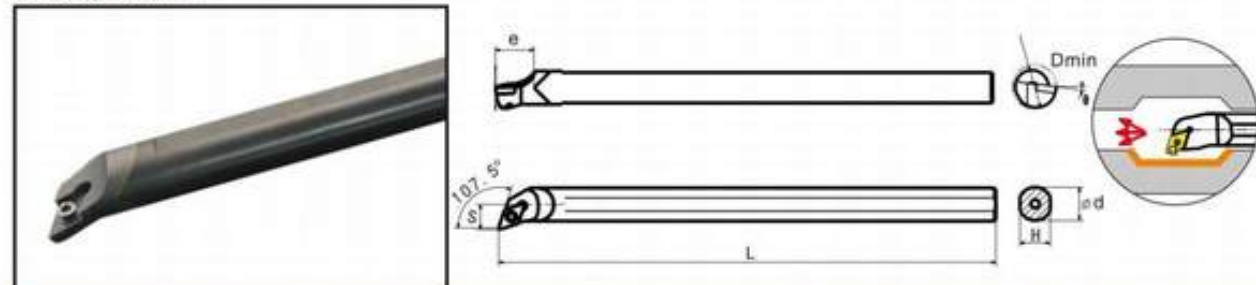
Note: Tungsten steel Anti-shaking Internal Turning tools with coolant hole or without coolant hole both can be offered.

车削刀具 | TURNING TOOLS



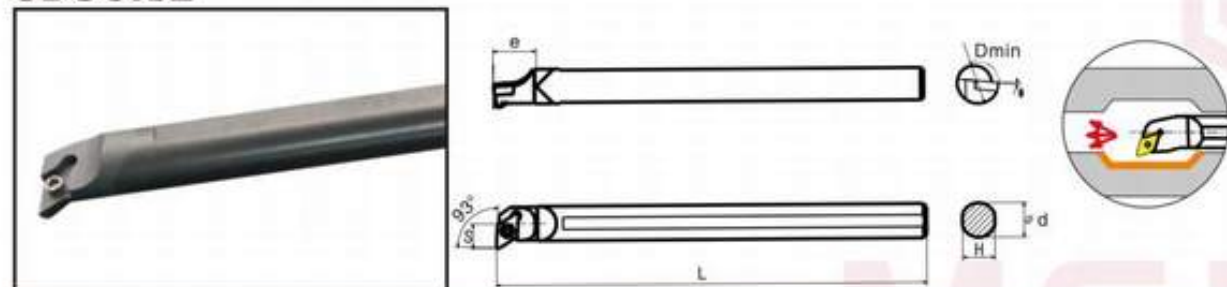
钨钢内孔车刀 Tungsten steel Internal Turning tools

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	e°	e			
	R	L										
C10M-SDQCR/L07			13	10	9.5	150	7	-8°	14			
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	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°	e			
	R	L										
C10M-SDUCR/L07			13	10	9.5	150	7	-8°	14			
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 coolant hole or without coolant hole both can be offered.



车削刀具 | TURNING TOOLS

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

3. 切削方向
Cutting direction
范例 Example

R 右切 Right
L 左切 Left

4. 刀尖高度
Tools-tip height

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

注：圆刀杆用00表示

5. 刀体宽度
Shank width

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

注：圆刀杆就用直径表示

6. 刀杆长度
Tool holder length

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

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

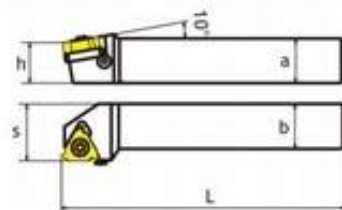
2. 螺纹形式
Type of thread

N 内螺纹 Internal
W 外螺纹 External

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

SWR/L 外螺纹车刀 External threading tools



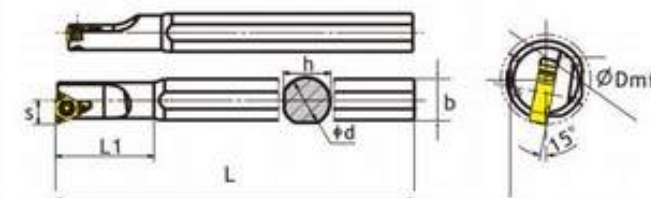
Type 型号	Dimension(mm) 基本尺寸						Applicable Inserts 使用的刀片	Screw 刀片螺钉	Shim 刀垫	Shim Screw 刀垫螺钉	Wrench 扳手
	Stock 库存		a	h	b	L					
	R	L				s					
SWR/L 1010H11H			10	10	10	100	16	R/LT11.01W-00GM	L60 M2.5 × 6	—	T08
1212H11H			12	12	12	100	16				
1616H16H			16	16	16	100	20				
2020K16H			20	20	20	125	25				
2525M16H			25	25	25	150	32	R/LT16.01W-00GM	L60 M3.5 × 12	TT16-00	T15 S2.5
3225P16H			32	32	25	170	32				
3232P16H			32	32	32	170	40				
2525M22H			25	25	25	150	32				
3225P22H			32	32	25	170	32	R/LT22.01W-00GM	L60 M5 × 16	TT22-00	T20 S2.5
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	Dimension(mm) 基本尺寸						Applicable Inserts 使用的刀片	Screw 刀片螺钉	Shim 刀垫	Shim Screw 刀垫螺钉	Wrench 扳手
	Stock 库存		a	h	b	L					
	R	L				s					
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				
2020K16			20	20	20	125	25				
2525M16			25	25	25	150	32	16ER/L	L60 M3.5 × 12	TT16-00	T15 S2.5
3225P16			32	32	25	170	32				
3232P16			32	32	32	170	40				
2525M22			25	25	25	150	32				
3225P22			32	32	25	170	32	22ER/L	L60 M4 × 16	TT22-00	T20 S2.5
3232P22			32	32	32	170	40				
4040S22			40	40	40	250	50			SS04008	
3232P27			32	32	32	170	40	27ER/L	L60 M6 × 16	TT27-00	
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	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Shim 刀垫	Screw 螺钉	Wrench 扳手	Shim Screw 刀垫螺钉
	Stock 库存		d	L	b	Dmin	s	h	L1				
SNR/L0010K11H			10	125	12	6	9.5	32	LT11.01N-00GM	—	L60 M2.5 × 5	T08	
SNR/L0012K11H			12	125	16	6	11.5	32	RT11.01N-00GM				
SNR/L0013M16H			13	150	16	10	15.5	32					
SNR/L0016M16H			16	150	20	12	15.5	40	LT16.01N-00GM	—	L60 M3.5 × 8	T15	
SNR/L0020Q16H			20	180	25	14	19.5	40	RT16.01N-00GM	TT16	L60 M3.5 × 12	T15 S2.5	SS04008
SNR/L0025R16H			25	200	30	16	24	45					
SNR/L0032S16H			32	250	38	20	30	55					
SNR/L0025R22H			25	200	30	18	24	45	RT22.01N-00GM				
SNR/L0032S22H			32	250	38	22	30	55	LT22.01N-00GM	TT22	L60 M5 × 16	T20 S2.5	SS04008
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	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Shim 刀垫	Screw 螺钉	Wrench 扳手	Shim Screw 刀垫螺钉
	Stock 库存		d	L	b	Dmin	s	h	L1				
SNR/L0010K11			10	125	12	6	9.5	32	111R/L	—	L60 M2.5 × 5	T08	
SNR/L0012K11			12	125	16	6	11.5	32					
SNR/L0013M16			13	150	16	10	15.5	32					
SNR/L0016M16			16	150	20	12	15.5	40	161R/L	—	L60 M3.5 × 8	T15 S2.5	SS04008
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					
SNR/L0032S22			32	250	38	22	30	55	221R/L	TT22	L60 M4 × 16	T20 S2.5	SS04008
SNR/L0040T22			40	300	46	26	38	60					
SNR/L0032S27			32	250	40	24	30	55					
SNR/L0040T27			40	300	50	30	38	60	271R/L	TT27	L60 M6 × 16	T20 S2.5	SS04008

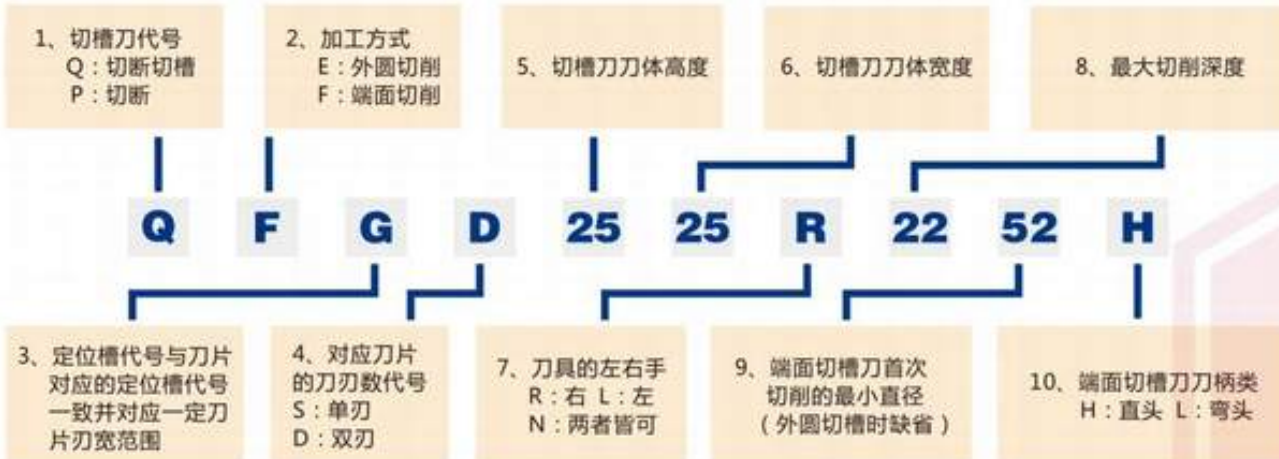
★ 注明：配套刀片建议参考ISO国标刀片。Note: The insert is ISO brand.

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



内圆切槽刀具

Internal cutting



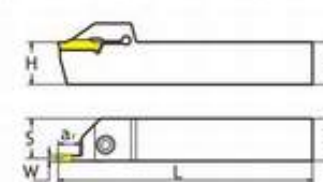
用于切断刀板的刀座

Height of blades



QE 外圆切断、切槽刀具

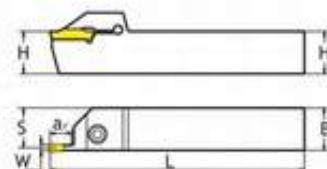
External Parting, Grooving and Turning Tools



Type 型号	基本尺寸 Dimension(mm)						刀片 Inserts	螺钉 Screw	扳手 Wrench
	H×B	L	S	W	最大切削 R _{max}				
QEED	1616R/L10	16x16	100	15	2.5	10	Z·ED·····	M5 × 20	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 × 20	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·····		
	3232R/L13	32x32	170	29.6	6	13	Z·KD·····		
QEKD	3232R/L 22	32x32	170	29.6	6	22	Z·KD·····		
	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.

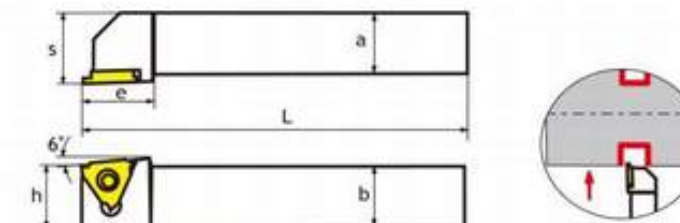
MGEHR/L 外圆切断、切槽刀具 External Parting, Grooving and Turning Tools



Type 型号	基本尺寸 Dimension(mm)						刀片 Inserts	螺钉 Screw	扳手 Wrench
	H	L	S	W	最大切深 a _{max}				
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	M6 × 20	S5
	3232-3-T10	32	170	30.5	3	10	MGMN300-M		
	2020-4	20	125	18.5	4	18	MGMN400-M		
	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		
	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.

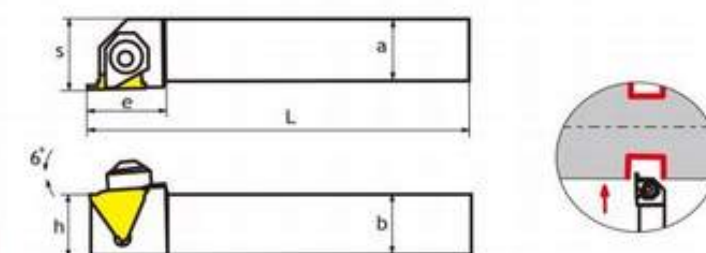
SGTR/L



Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Clamping screw 螺钉	Wrench 扳手
		Stock 库存		h	b	L ₁	L ₂	H ₁	f			
SGTR/L	1212H16C			12	12	100	20	12	16	GLR/L30000	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	GLR/L4000	M4 × 10	T15
	2020K22C			20	20	125	30	20	25			
	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



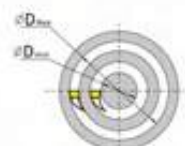
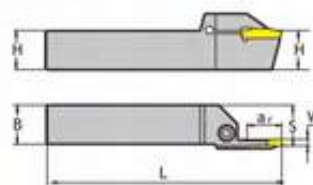
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Clamping screw 螺钉	Clamp 压板	Wrench 扳手	
		Stock 库存		a	b	L	h	s	e				
		R	L										
KGBR/L	2020K22-15			20	20	125	20	25	24	GB43R/050-300	CM 0620	CGBR/L	S4
	2525M22-15			25	25	150	25	30	25				
	2020K22-25			20	20	125	20	25	25.5	GB43R/250-330	CM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

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



R型



下刀直径范围

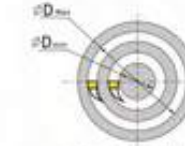
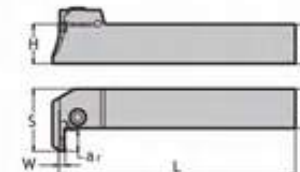
Type 型号	基本尺寸 Dimension(mm)						适用刀片 Applicable Inserts	螺钉 Screw	扳手 Wrench
	HxB	L	S	W	a _r	∅D (min-Max)			
QFFD2525R/L10-48H	25x25	150	26	3	10	48-66	ZTFD0303-MG	M6 × 20	S5
QFFD2525R/L17-48H	25x25	150	26	3	17	48-66	ZTFD0303-MG		
QFFD2525R/L10-60H	25x25	150	26	3	10	60-80	ZTFD0303-MG		
QFFD2525R/L17-60H	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/L22-52H	25x25	150	26	4	22	52-72	ZTGD0404-MG		
QFGD2525R/L13-64H	25x25	150	26	4	13	64-100	ZTGD0404-MG		
QFGD2525R/L22-64H	25x25	150	26	4	22	64-100	ZTGD0404-MG		
QFGD2525R/L13-90H	25x25	150	26	4	13	90-140	ZTGD0404-MG		
QFGD2525R/L22-90H	25x25	150	26	4	22	90-140	ZTGD0404-MG		
QFGD2525R/L13-130H	25x25	150	26	4	13	130-230	ZTGD0404-MG		
QFGD2525R/L22-130H	25x25	150	26	4	22	130-230	ZTGD0404-MG		
QFHD2525R/L13-58H	25x25	150	26	5	13	58-96	ZTHD0504-MG		
QFHD2525R/L22-58H	25x25	150	26	5	22	58-96	ZTHD0504-MG		
QFHD2525R/L13-86H	25x25	150	26	5	13	86-140	ZTHD0504-MG		
QFHD2525R/L22-86H	25x25	150	26	5	22	86-140	ZTHD0504-MG		
QFHD2525R/L13-130H	25x25	150	26	5	13	130-200	ZTHD0504-MG		
QFHD2525R/L22-130H	25x25	150	26	5	22	130-200	ZTHD0504-MG		
QFHD2525R/L13-185H	25x25	150	26	5	13	185-400	ZTHD0504-MG		
QFHD2525R/L22-185H	25x25	150	26	5	22	185-400	ZTHD0504-MG		
QFHS2525R/L30-185H	25x25	150	26	5	30	185-400	ZTHS0504-MG		
QFKD2525R/L13-60H	25x25	150	26	6	13	60-100	ZTKD0608-MG		
QFKD2525R/L22-60H	25x25	150	26	6	22	60-100	ZTKD0608-MG		
QFKD2525R/L13-88H	25x25	150	26	6	13	88-180	ZTKD0608-MG		
QFKD2525R/L22-88H	25x25	150	26	6	22	88-180	ZTKD0608-MG		
QFKD2525R/L13-160H	25x25	150	26	6	13	160-400	ZTKD0608-MG		
QFKD2525R/L22-160H	25x25	150	26	6	22	160-400	ZTKD0608-MG		
QFKS2525R/L30-160H	25x25	150	26	6	30	160-400	ZTKS0608-MG		
QFKS2525R/L30-160H	25x25	150	26	6	30	160-400	ZTKS0608-MG		

★注：配套刀片建议参考铣刀片。Note: The insert is Zccct brand.

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



R型



下刀直径范围

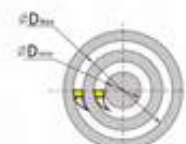
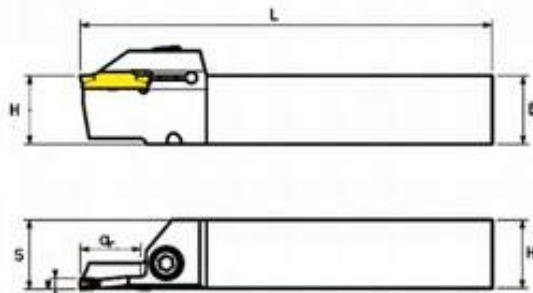
Type 型号	基本尺寸 Dimension(mm)						适用刀片 Applicable Inserts	螺钉 Screw	扳手 Wrench
	HxB	L	S	W	a _r	∅D (min-Max)			
QFFD2525R/L10-48L	25x25	150	36.5	3	10	48-66	ZTFD0303-MG	M6 × 20	S5
QFFD2525R/L17-48L	25x25	150	43.5	3	17	48-66	ZTFD0303-MG		
QFFD2525R/L10-60L	25x25	150	36.5	3	10	60-80	ZTFD0303-MG		
QFFD2525R/L17-60L	25x25	150	43.5	3	17	60-80	ZTFD0303-MG		
QFFD2525R/L10-74L	25x25	150	36.5	3	10	74-110	ZTFD0303-MG		
QFFD2525R/L17-74L	25x25	150	43.5	3	17	74-110	ZTFD0303-MG		
QFFD2525R/L10-100L	25x25	150	36.5	3	10	100-150	ZTFD0303-MG		
QFFD2525R/L17-100L	25x25	150	43.5	3	17	100-150	ZTFD0303-MG		
QFGD2525R/L13-52L	25x25	150	39.5	4	13	52-72	ZTGD0404-MG		
QFGD2525R/L22-52L	25x25	150	48.5	4	22	52-72	ZTGD0404-MG		
QFGD2525R/L13-64L	25x25	150	39.5	4	13	64-100	ZTGD0404-MG		
QFGD2525R/L22-64L	25x25	150	48.5	4	22	64-100	ZTGD0404-MG		
QFGD2525R/L13-90L	25x25	150	39.5	4	13	90-140	ZTGD0404-MG		
QFGD2525R/L22-90L	25x25	150	48.5	4	22	90-140	ZTGD0404-MG		
QFGD2525R/L13-130L	25x25	150	39.5	4	13	130-230	ZTGD0404-MG		
QFGD2525R/L22-130L	25x25	150	48.5	4	22	130-230	ZTGD0404-MG		
QFHD2525R/L13-58L	25x25	150	39.5	5	13	58-96	ZTHD0504-MG		
QFHD2525R/L22-58L	25x25	150	48.5	5	22	58-96	ZTHD0504-MG		
QFHD2525R/L13-86L	25x25	150	39.5	5	13	86-140	ZTHD0504-MG		
QFHD2525R/L22-86L	25x25	150	48.5	5	22	86-140	ZTHD0504-MG		
QFHD2525R/L13-130L	25x25	150	39.5	5	13	130-200	ZTHD0504-MG		
QFHD2525R/L22-130L	25x25	150	48.5	5	22	130-200	ZTHD0504-MG		
QFHD2525R/L13-185L	25x25	150	39.5	5	13	185-400	ZTHD0504-MG		
QFHD2525R/L22-185L	25x25	150	48.5	5	22	185-400	ZTHD0504-MG		
QFHS2525R/L30-185L	25x25	150	56.5	5	30	185-400	ZTHS0504-MG		
QFKD2525R/L13-60L	25x25	150	39.5	6	13	60-100	ZTKD0608-MG		
QFKD2525R/L22-60L	25x25	150	48.5	6	22	60-100	ZTKD0608-MG		
QFKD2525R/L13-88L	25x25	150	39.5	6	13	88-180	ZTKD0608-MG		
QFKD2525R/L22-88L	25x25	150	48.5	6	22	88-180	ZTKD0608-MG		
QFKD2525R/L13-160L	25x25	150	39.5	6	13	160-400	ZTKD0608-MG		
QFKD2525R/L22-160L	25x25	150	48.5	6	22	160-400	ZTKD0608-MG		
QFKS2525R/L30-160L	25x25	150	56.5	6	30	160-400	ZTKS0608-MG		
QFKS2525R/L30-160L	25x25	150	56.5	6	30	160-400	ZTKS0608-MG		

车削刀具 | TURNING TOOLS



切断切槽刀 Parting and grooving toolholders

QF□D-RR



下刀直径范围

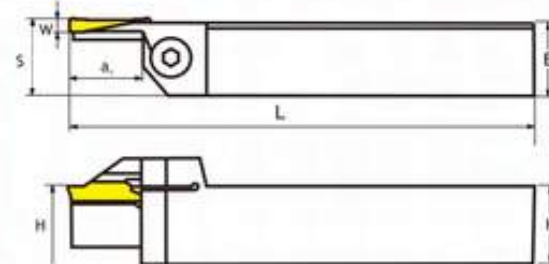
Type 型号	基本尺寸 Dimension(mm)						适用刀片 Applicable Inserts	螺钉 Screw	扳手 Wrench
	HxB	L	S	W	a	ØD (min-Max)			
QFFD2525RR10-48H	25x25	150	26	3	10	48-66	ZTFD0303-MG	M6 x 20	S5
QFFD2525RR17-48H	25x25	150	26	3	17	48-66	ZTFD0303-MG		
QFFD2525RR10-60H	25x25	150	26	3	10	60-80	ZTFD0303-MG		
QFFD2525RR17-60H	25x25	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		
QFGD2525RR22-52H	25x25	150	26	4	22	52-72	ZTGD0404-MG		
QFGD2525RR13-64H	25x25	150	26	4	13	64-100	ZTGD0404-MG		
QFGD2525RR22-64H	25x25	150	26	4	22	64-100	ZTGD0404-MG		
QFGD2525RR13-90H	25x25	150	26	4	13	90-140	ZTGD0404-MG		
QFGD2525RR22-90H	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		
QFHD2525RR22-58H	25x25	150	26	5	22	58-96	ZTHD0504-MG		
QFHD2525RR13-86H	25x25	150	26	5	13	86-140	ZTHD0504-MG		
QFHD2525RR22-86H	25x25	150	26	5	22	86-140	ZTHD0504-MG		
QFHD2525RR13-130H	25x25	150	26	5	13	130-200	ZTHD0504-MG		
QFHD2525RR22-130H	25x25	150	26	5	22	130-200	ZTHD0504-MG		
QFHD2525RR13-185H	25x25	150	26	5	13	185-400	ZTHD0504-MG		
QFHD2525RR22-185H	25x25	150	26	5	22	185-400	ZTHD0504-MG		
QFHS2525RR30-185H	25x25	150	26	5	30	185-400	ZTHS0504-MG		
QFKD2525RR13-60H	25x25	150	26	6	13	60-100	ZTKD0608-MG		
QFKD2525RR22-60H	25x25	150	26	6	22	60-100	ZTKD0608-MG		
QFKD2525RR13-88H	25x25	150	26	6	13	88-180	ZTKD0608-MG		
QFKD2525RR22-88H	25x25	150	26	6	22	88-180	ZTKD0608-MG		
QFKD2525RR13-160H	25x25	150	26	6	13	160-400	ZTKD0608-MG		
QFKD2525RR22-160H	25x25	150	26	6	22	160-400	ZTKD0608-MG		
QFKS2525RR30-160H	25x25	150	26	6	30	160-400	ZTKS0608-MG		



车削刀具 | TURNING TOOLS

Parting and grooving toolholders 切断切槽刀

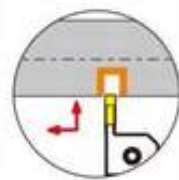
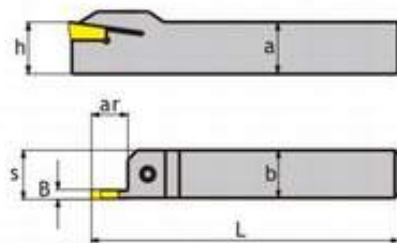
QF□D-LL



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	ØD (min-Max)			
QFFD2525LL10-48H	25x25	150	26	3	10	48-66	ZTFD0303-MG	M6 x 20	S5
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		
QFGD2525LL22-52H	25x25	150	26	4	22	52-72	ZTGD0404-MG		
QFGD2525LL13-64H	25x25	150	26	4	13	64-100	ZTGD0404-MG		
QFGD2525LL22-64H	25x25	150	26	4	22	64-100	ZTGD0404-MG		
QFGD2525LL13-90H	25x25	150	26	4	13	90-140	ZTGD0404-MG		
QFGD2525LL22-90H	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		
QFHD2525LL22-58H	25x25	150	26	5	22	58-96	ZTHD0504-MG		
QFHD2525LL13-86H	25x25	150	26	5	13	86-140	ZTHD0504-MG		
QFHD2525LL22-86H	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		
QFKD2525LL13-60H	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		
QFKD2525LL22-88H	25x25	150	26	6	22	88-180	ZTKD0608-MG		
QFKD2525LL13-160H	25x25	150	26	6	13	160-400	ZTKD0608-MG		
QFKD2525LL22-160H	25x25	150	26	6	22	160-400	ZTKD0608-MG		
QFKS2525LL30-160H	25x25	150	26	6	30	160-400	ZTKS0608-MG		

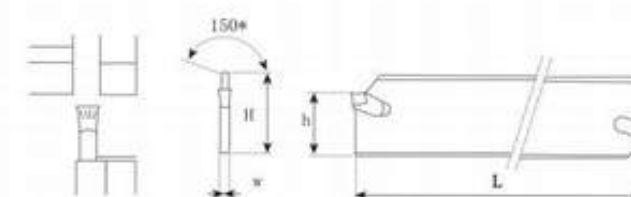
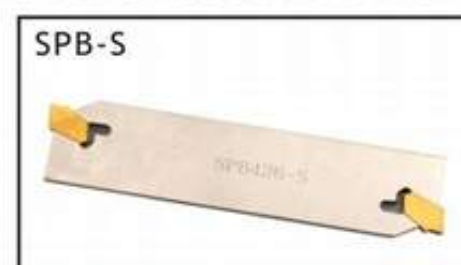
ZQ



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 _{max}			
ZQ	1616R03		16	16	100	16.4	3	16	M5x17	S4
	1616R04		16	16	100	16.4	4	18		
	2020R03		20	20	125	20.4	3	20		
	2020R04		20	20	125	20.4	4	20	M6x20	S5
	2525R03		25	25	150	25.4	3	20		
	2525R04		25	25	150	25.4	4	20		
	2525R05		25	25	150	25.4	5	25		
	2525R06		25	25	150	25.7	6	32		
	3225R03		32	25	170	25.4	3	25	M6x22	S5
	3225R04		32	25	170	25.4	4	25		
	3225R05		32	25	170	25.4	5	25		
	3225R06		32	25	170	25.7	6	32		
ZQ	1616L03		16	16	100	16.4	3	16	M5x17	S4
	1616L04		16	16	100	16.4	4	16		
	2020L03		20	20	125	20.4	3	20	M6x20	S5
	2020L04		20	20	125	20.4	4	20		
	2525L03		25	25	150	25.4	3	20		
	2525L04		25	25	150	25.4	4	20		
	2525L05		25	25	150	25.4	5	25		
	2525L06		25	25	150	25.7	6	32		
	3225L03		32	25	170	25.4	3	25	M6x22	S5
	3225L04		32	25	170	25.4	4	25		
	3225L05		32	25	170	25.4	5	25		
	3225L06		32	25	170	25.7	6	32		

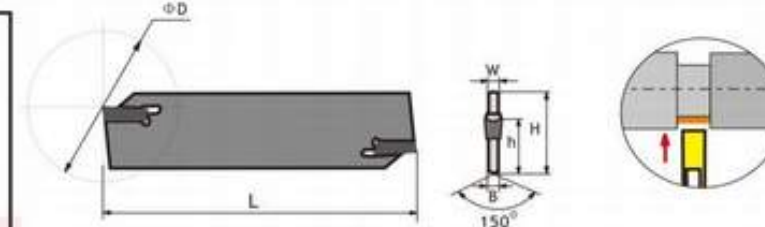
SPB-S 外圆切断的刀板

External Parting Blade



参考 注释	刀杆形状	适用条件					适用刀片
		切断					
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.

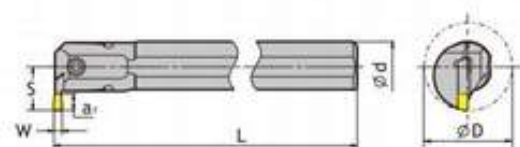


Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Wrench 配套扳手	
	Stock 库存		L	H	h	B	W	ΦD _{max}		
	R	L								
QEES26N			110	26	19	2	2.5	60	ZPES02502-MG	QS5
QEFS26N			110	26	19	2.4	3	60	ZPFS0302-MG	QS5
QEGS26N			110	26	19	3.2	4	70	ZPGS0402-MG	QS5
QEHS26N			110	26	19	4	5	70	ZPHS0503-MG	QS5
QEKS26N			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QZS系列刀座 QE□S parting blade is matching with QZS parting blade holder from

内圆切槽及车削刀具

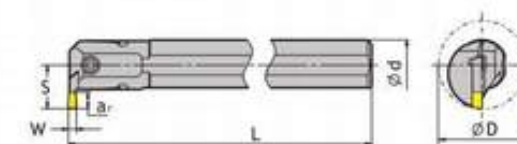
Internal Grooving and Turning Tools



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 _p max	ØD (最小加工直径)			
C20Q-QEDR/L 05-27	20	180	15.2	2.5	5	27	ZTED*****	M4 × 14	S3
C25R-QEDR/L 07-33	25	200	20.3	2.5	7	33		M5 × 17	S4
C32S-QEDR/L 09-42	32	250	25.3	2.5	9	42	ZRED*****		
C20Q-QFDR/L 05-27	20	180	15.2	3	5	27	ZTFD*****	M4 × 14	S3
C25R-QFDR/L 07-33	25	200	20.3	3	7	33		M5 × 17	S4
C32S-QFDR/L 09-42	32	250	25.3	3	9	42	ZRFD*****		
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		M6 × 20	S5
C40T-QGDR/L 13-54	40	300	33.5	4	13	54	ZRGD*****		
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		M6 × 20	S5
C40T-QHDR/L 13-54	40	300	33.5	5	13	54	ZRHD*****		
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		M6 × 20	S5
C40T-QKDR/L 13-54	40	300	33.5	6	13	54	ZRKD*****		
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 _p max				
MGIVR/L	2016-1.5	16	180	11.3	1.5	3	MGMN150-M	M4 × 14	S3
	2520-1.5	20	180	13.1	1.5	4	MGMN150-M	M5 × 17	S4
	2925-1.5	25	200	16.2	1.5	4	MGMN150-M	M5 × 17	S4
	2016-2	16	125	12.4	2	3	MGMN200-M	M4 × 14	S3
	2520-2	20	125	14	2	5	MGMN200-M	M5 × 17	S4
	2925-2	25	200	17.2	2	5	MGMN200-M	M5 × 17	S4
	2016-2.5	16	125	12.5	2.5	6	MGMN250-M	M4 × 14	S3
	2520-2.5	20	180	15.1	2.5	6	MGMN250-M	M5 × 17	S4
	2925-2.5	25	200	18.2	2.5	6	MGMN250-M	M5 × 17	S4
	2520-3	20	180	15.6	3	6	MGMN300-M	M5 × 17	S4
	3125-3	25	200	18.9	3	5	MGMN300-M	M5 × 17	S4
	3732-3	32	250	21.5	3	6	MGMN300-M	M5 × 20	S4
	2520-4	20	180	15.6	4	6	MGMN400-M	M5 × 17	S4
	3125-4	25	200	18.9	4	6	MGMN400-M	M5 × 17	S4
	3732-4	32	250	21.5	4	6	MGMN400-M	M5 × 20	S4
	3125-5	25	200	19.1	5	8	MGMN500-M	M6 × 20	S5
	3732-5	32	250	21.5	5	8	MGMN500-M		
	3125-6	25	200	19.4	6	8	MGMN600-M		
	3732-6	32	250	21.5	6	8	MGMN600-M		
	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		
	3732-6A	32	250	21.5	6	8	MGMN600-M		
	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	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												

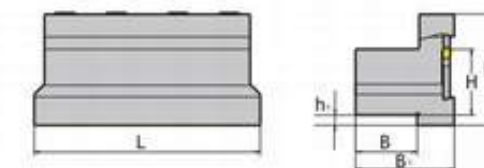
● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

★ 克洛伊系列槽刀刀片选择 Matching Insert

型号 Type	SD2136	SD2336	SD4326	SD4226	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



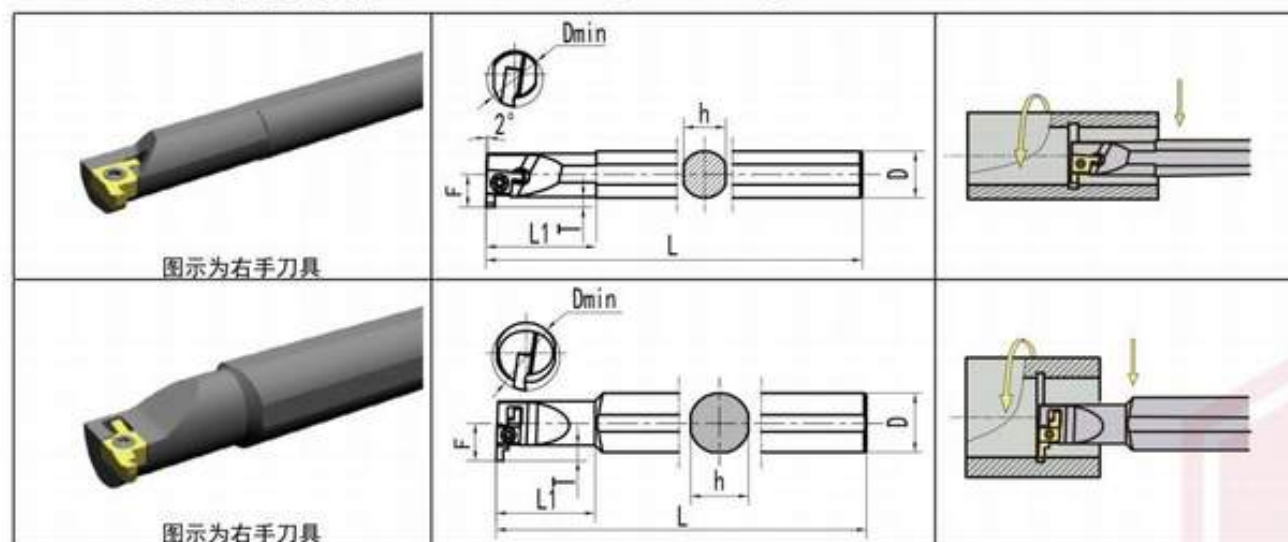
Type 型号	基本尺寸 Dimension(mm)						上压板 clamp	螺钉 Screw	扳手 Wrench
	L	H	h1	h2	B	B1			
PHS2026	86	20	10	46.6	19	38	PHS26	M6 × 20	S5
PHS2526	86	25	5	46.6	23	42	PHS26		
PHS3226	86	32	3	51.6	30	48	PHS26		
PHS2032	110	20	13	50	19	38	PHS32		
PHS2532	110	25	8	50	23	42	PHS32		
PHS3232	110	32	5	54	30	48	PHS32		

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		
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		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		

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

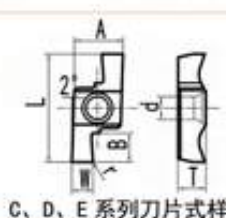
型号 Model	A (mm)	L (mm)	T (mm)	d (mm)	优先推荐 Good recommendation	一般推荐 General recommendation	材质推荐 material recommended	PM125	DK110	刀片 Insert	右手刀片 Right hand	左手刀片 Left hand	槽宽 W	切深 B	圆弧 r	R	L	R	L	配套刀杆 Toolholders
GER**A	6.69	6.5	2.58	2.5	☺	☹	钢件	P	☺											右手刀片配右刀杆 SIGER0808A
GER**B	8.46	8.2	3.18	2.7	☺	☹	不锈钢	M	☺											
GER**C	5.8	11.48	4.05	2.8	☺	☹	铸铁	K	☺											
GER**D	6.8	16.44	5.05	3.4	☺	☹	有色金属	N	☺											
GER**E	9.54	21.66	5.55	4.4	☺	☹			☺											
GER050-A											GER050-A	GEL050-A	0.5	1.2	0.05	●	○	○	○	
GER060-A											GER060-A	GEL060-A	0.6	1.2	0.05	●	○	○	○	
GER070-A											GER070-A	GEL070-A	0.7	1.2	0.05	●	○	○	○	
GER080-A											GER080-A	GEL080-A	0.8	1.2	0.05	●	○	○	○	
GER100-A											GER100-A	GEL100-A	1.0	1.5	0.05	●	○	○	○	
GER120-A											GER120-A	GEL120-A	1.2	1.5	0.05	●	○	○	○	右手刀片配右刀杆 SIGER1010B SIGER1210B
GER125-A											GER125-A	GEL125-A	1.25	1.5	0.05	●	○	○	○	
GER140-A											GER140-A	GEL140-A	1.4	1.5	0.1	●	○	○	○	
GER150-A											GER150-A	GEL150-A	1.5	1.5	0.1	●	○	○	○	
GER180-A											GER180-A	GEL180-A	1.8	1.5	0.1	●	○	○	○	
GER200-A											GER200-A	GEL200-A	2.0	1.5	0.1	●	○	○	○	
GER080-B											GER080-B	GEL080-B	0.8	1.8	0.05	●	○	○	○	
GER100-B											GER100-B	GEL100-B	1.0	2.2	0.05	●	○	○	○	
GER120-B											GER120-B	GEL120-B	1.2	2.2	0.05	●	○	○	○	
GER125-B											GER125-B	GEL125-B	1.25	2.2	0.05	●	○	○	○	
GER130-B											GER130-B	GEL130-B	1.3	2.2	0.1	●	○	○	○	右手刀片配右刀杆 SIGER1412C SIGER1612C SIGER1616C
GER145-B											GER145-B	GEL145-B	1.45	2.2	0.1	●	○	○	○	
GER150-B											GER150-B	GEL150-B	1.5	2.2	0.1	●	○	○	○	
GER180-B											GER180-B	GEL180-B	1.8	2.2	0.1	●	○	○	○	
GER200-B											GER200-B	GEL200-B	2.0	2.2	0.1	●	○	○	○	
GER225-B											GER225-B	GEL225-B	2.25	2.2	0.1	●	○	○	○	
GER250-B											GER250-B	GEL250-B	2.5	2.2	0.1	●	○	○	○	
GER280-B											GER280-B	GEL280-B	2.8	2.2	0.2	●	○	○	○	
GER300-B											GER300-B	GEL300-B	3.0	2.2	0.2	●	○	○	○	
GER100-C											GER100-C	GEL100-C	1.0	2.5	0.05	●	○	○	○	
GER120-C											GER120-C	GEL120-C	1.2	2.5	0.05	●	○	○	○	右手刀片配右刀杆 SIGER1412C SIGER1612C SIGER1616C
GER125-C											GER125-C	GEL125-C	1.25	2.5	0.05	●	○	○	○	
GER140-C											GER140-C	GEL140-C	1.4	2.5	0.1	●	○	○	○	
GER145-C											GER145-C	GEL145-C	1.45	2.5	0.1	●	○	○	○	
GER150-C											GER150-C	GEL150-C	1.5	2.5	0.1	●	○	○	○	
GER160-C											GER160-C	GEL160-C	1.6	2.5	0.1	●	○	○	○	
GER170-C											GER170-C	GEL170-C	1.7	2.5	0.1	●	○	○	○	
GER185-C											GER185-C	GEL185-C	1.85	2.5	0.1	●	○	○	○	
GER195-C											GER195-C	GEL195-C	1.95	2.5	0.1	●	○	○	○	
GER200-C											GER200-C	GEL200-C	2.0	2.5	0.1	●	○	○	○	
GER225-C											GER225-C	GEL225-C	2.25	2.5	0.1	●	○	○	○	右手刀片配右刀杆 SIGER1412C SIGER1612C SIGER1616C
GER250-C											GER250-C	GEL250-C	2.5	2.5	0.2	●	○	○	○	
GER275-C											GER275-C	GEL275-C	2.75	2.5	0.2	●	○	○	○	
GER280-C											GER280-C	GEL280-C	2.8	2.5	0.2	●	○	○	○	
GER300-C											GER300-C	GEL300-C	3.0	2.5	0.2	●	○	○	○	
GER320-C											GER320-C	GEL320-C	3.2	2.5	0.2	●	○	○	○	
GER350-C											GER350-C	GEL350-C	3.5	2.5	0.2	●	○	○	○	

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

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 L R L	DK110 R L R L	配套刀杆 Toolholders
	GER100-D	GEL100-D	1.0	2.5	0.05	● ○ ○ ○	○ ○ ○ ○	
	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	● ○ ○ ○	○ ○ ○ ○	
	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	● ○ ○ ○	○ ○ ○ ○	

右手刀片配右刀杆
S1GER2020D
S1GER2525D

右手刀片配右刀杆
S1GER2525E
S1GER3232E
S1GER4032E

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

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

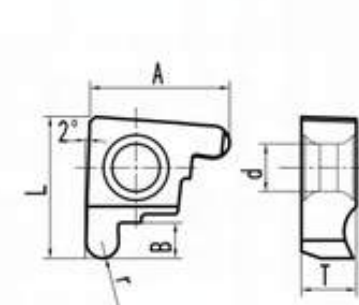
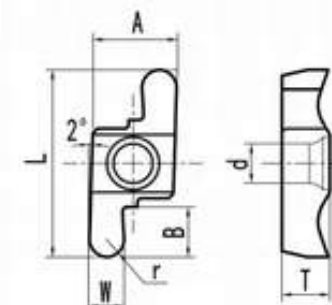
材质推荐
material recommended

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	PM125 R L R L	DK110 R L R L	配套刀杆 Toolholders
	GER100-050AR	GEL100-050AR	1.0	1.5	0.5	● ○ ○ ○	○ ○ ○ ○	
	GER150-075AR	GEL150-075AR	1.5	1.5	0.75	● ○ ○ ○	○ ○ ○ ○	右手刀片配右刀杆 S1GER0808A
	GER200-100AR	GEL200-100AR	2.0	1.5	1	● ○ ○ ○	○ ○ ○ ○	
	GER100-050BR	GEL100-050BR	1.0	2.2	0.5	● ○ ○ ○	○ ○ ○ ○	
	GER150-075BR	GEL150-075BR	1.5	2.2	0.75	● ○ ○ ○	○ ○ ○ ○	右手刀片配右刀杆 S1GER1010B S1GER1210B
	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	● ○ ○ ○	○ ○ ○ ○	
	GER150-075CR	GEL150-075CR	1.5	2.5	0.75	● ○ ○ ○	○ ○ ○ ○	右手刀片配右刀杆 S1GER1412C S1GER1612C S1GER1616C
	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	● ○ ○ ○	○ ○ ○ ○	
	GER200-100DR	GEL200-100DR	2.0	3.2	1	● ○ ○ ○	○ ○ ○ ○	右手刀片配右刀杆 S1GER2020D S1GER2525D
	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	● ○ ○ ○	○ ○ ○ ○	
	GER300-150ER	GEL300-150ER	3.0	5.5	1.5	● ○ ○ ○	○ ○ ○ ○	右手刀片配右刀杆 S1GER2525E S1GER3232E S1GER4032E
	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 TypeC、D、E 系列刀片式样
C/D/E Series Insert Type

目录 (二) CONTENTS

可转位铣削刀具 页码提示

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铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools



Category 类别	Shape 形状	Feature 特征	Category 类别	Shape 形状	Feature 特征
面 铣 刀	Kr:45° AF01 	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: SECT 12T3	面 铣 刀	Kr:45° AF02 	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: SECT 12T3
	Kr:45° AF03 	压板式固定, 装卸简单 高硬度合金刀垫, 抗冲 击强。 参考: SEIN 1203 (Zccct) SEIN 1504 (Zccct)		Kr:45° AF04 	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 	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 	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 	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 	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 	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 	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 	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 	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 	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 	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 	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 	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 	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 	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 特征	Category 类别	Shape 形状	Feature 特征
面铣刀	Kr:75° EF04 	通用性强刀片槽型多, 适用广 参考: SPKT 1204 (Zccct)	面铣刀	Kr:75° EF06 	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 	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 	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 	结构简单, 装卸刀片快捷, 经济适用性好 参考: TPKN 2204 (Zccct)		Kr:90° PF02 	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 	双正前角, 低切削力立装刀片, 大切重加工, 装夹简单 参考: LNKT 1506EN-ZR (Zccct) LNKT 2007DN-ZR (Zccct) LNKT 2510-ZR (Zccct)		Kr:90° PF04 	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 	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 	4刃角刀片, 经济性好切削刃锋利, 阻力小, 轴向抗力小 参考: XDMT 120408PDER (住友)
	Kr:90° PF08 	4角立装刀片, 装卸简单, 切削锋利, 刀尖强度高, 切削稳定 参考: LNMX170808 PMSR (住友)		Kr:90° PF09 	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 	低阻力的良好切削效果, 大前角确保低阻力, 抗振刀能力强, 厚规格设计抗磨损性卓越 参考: WNMU080608 (京瓷)		Kr:90° PF11 	6刃负角刀片, 经济性能好刃口冲击强, 大前角设计抗振能力强。 参考: XNGU090508PRHDE(特固克)
	Kr:R RF01 	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 	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 	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) RPMT 1606 (三菱)		Kr:R RF04 	仿振刃形设计螺钉压紧, 简单稳定 参考: QPMT 1204MO (住友)

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 	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 	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 	正螺旋, 排屑好密齿型结构, 加工效率高 参考: APKT 11T3□□ (Zccct)		Kr:90° PE02 	正螺旋, 排屑好密齿型 参考: APKT 11T3□□ (Zccct)
	Kr:90° PE03 	底刃过中心, 可直接钻孔加工 参考: APMT 113504PDER (Zccct) APMT 160408PDER (Zccct)		Kr:90° PE04 	刃口抗冲击力大, 切削阻力小, 耐用性高 参考: LD□□ 1504 (森拉天时)
	Kr:90° PE05 	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 	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 	独有的曲线状切刃, 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 	大前角设计, 切削轻快独特的曲线状切刃, 提高刀尖强度, 切削阻力低, 良好的90°, 适用于精加工90°, 适用于精加工 参考: AXMT 1235□□PEER (住友) AXMT 1705□□PEER (住友)
	Kr:90° PE07 	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 	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 	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 	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 	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 	直角度好低切削力 参考: BDMT 1103□□ (京瓷) BDMT 1704□□ (京瓷)
	Kr:90° PE10 	直角度好低切削力 参考: BDMT 11T3□□ER (京瓷) BDMT 1704□□ER (京瓷)		Kr:90° PE11 	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)

Category 类别	Shape 形状	Feature 特征	Category 类别	Shape 形状	Feature 特征
方扁 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 	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)	

Category 类别	Shape 形状	Feature 特征	Category 类别	Shape 形状	Feature 特征
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)	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 18/20/25/30/32R803 (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)	

Category 类别	Shape 形状	Feature 特征	Category 类别	Shape 形状	Feature 特征
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)	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 	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 	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 	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 	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 	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)	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 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)	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 	225页 6刃双面槽铣刀片适合 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 	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 Indexable milling tools

★ 可转位铣削刀具型号表示规则 Milling Tool Code Rule

主偏角 Lead Angle		
A	45°	
D	60°	
E	75°	
P	90°	
Z	30°	
R	圓形	
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

切刀刃长度(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

01

12

套式结构 Shell Structure	
A 型接口 A Type Of Adapter GB5342-96规定的$\varnothing 50$-$\varnothing 80$ 套式面铣刀 GB5342-96 of $\varnothing 50$-$\varnothing 80$ shell Facmilling Cutter	B 型接口 B Type Of Adapter GB5342-96规定的$\varnothing 100$-$\varnothing 160$ 套式面铣刀 GB5342-96 of $\varnothing 100$-$\varnothing 160$ shell Facmilling Cutter
C 型接口 C Type Of Adapter GB5342-96规定的$\varnothing 200$-$\varnothing 250$ 套式面铣刀	D 型接口 D Type Of Adapter GB5342-96规定的$\varnothing 315$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

側固式柄、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

Indexable milling tools 可转位铣削刀具

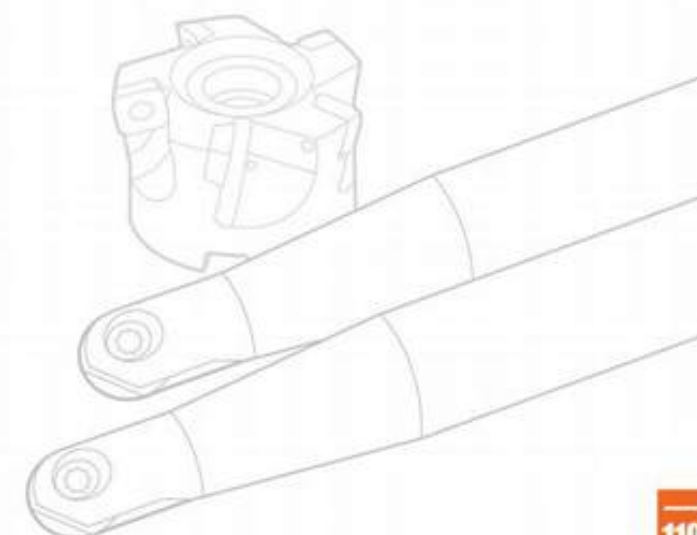
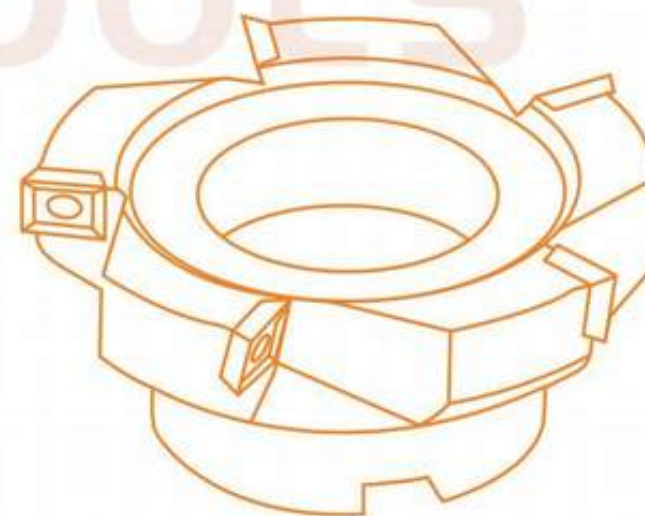
A	A型接口 A type of adapter	W	側固式 Side-locked
B	B型接口 B type of adapter	T	可換頭 Replaceable Head
C	C型接口 C type of adapter	MT	莫氏 Morse
D	D型接口 D type of adapter	BT	錐式 Taper
Z	直杆 Straight shank	J	鍵槽式 Spline

切削方向 (R: 右 L: 左 缺省为R型)			面铣刀具
Cutting Direction	Right	Left	Face Milling Tool
刀具长度 Tool Length	S	短 short	铁刀杆 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

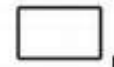
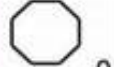
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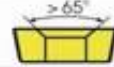
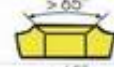
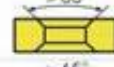
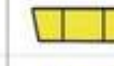
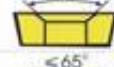
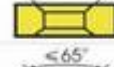
刀具加工部分直径 ØD
Diameter

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							

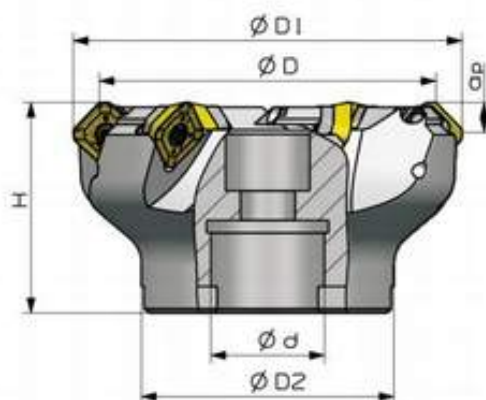
面铣刀具 Kr:45°



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	T15T	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	ap			
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

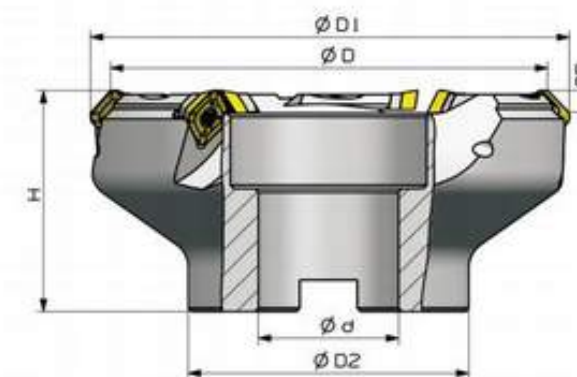
面铣刀具 Kr:45°



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	T15T	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	ap			
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

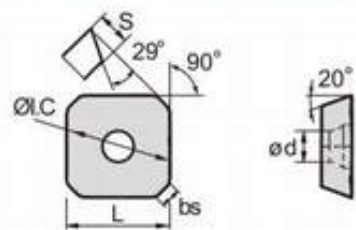
铣削刀具 | MILLING TOOLS



可转位铣削刀具 Indexable milling tools

★ 刀片选择 Matching Insert

型号 Type	SD136	SD236	SD326	SD426	SD536	SD636	SD740	SD846	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

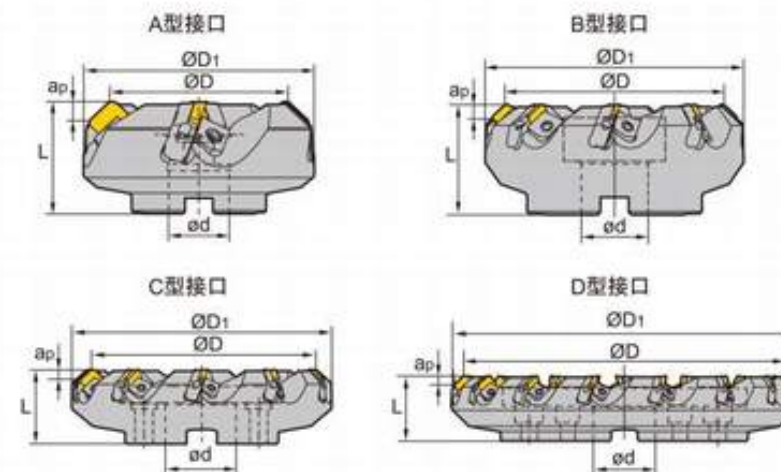


铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

面铣刀具 Kr:45°

AF03



★ 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	W01R/L	DM8×21X	LOM5×15.1	S3
SE□N1504	LSE15R/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					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD	ØD1	Ød	L	apmax			
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

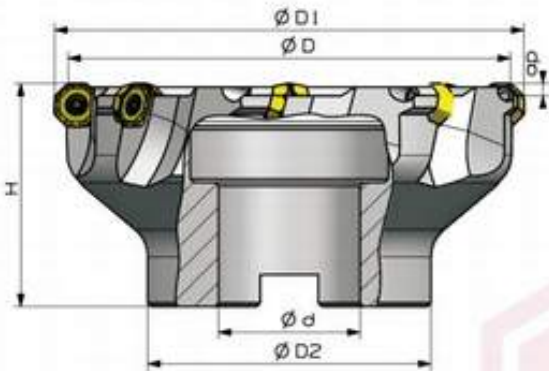


可转位铣削刀具 Indexable milling tools

面铣刀具 Kr:45°



AF04



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
OFKT05T3	TL60 M4X10	T15 T

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	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

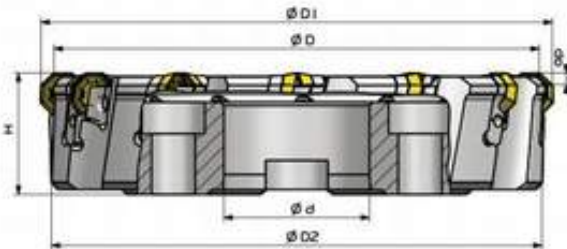


Indexable milling tools 可转位铣削刀具

面铣刀具 Kr:45°



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)
	ØD ₂	ØD ₁	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

铣削刀具 | MILLING TOOLS

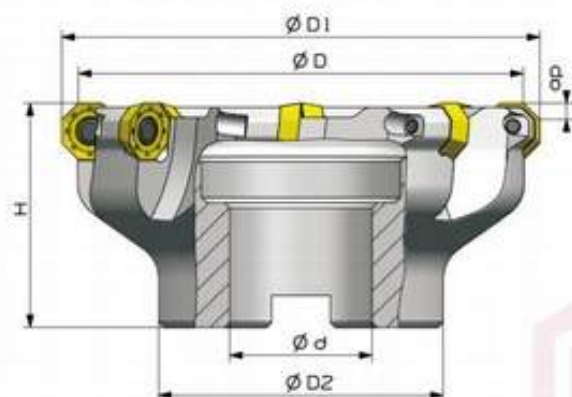


可转位铣削刀具 Indexable milling tools

面铣刀具 Kr:45°



AF05



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
OD□□0605	TL60 M5X12	T20T

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)
	$\varnothing D_2$	$\varnothing D_1$	$\varnothing D$	$\varnothing d$	H	$\varnothing p$			
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	32	50	10	B	7	1.5
AF05.06B40.125.08	80	135	125	40	63	10	B	8	2.5
AF05.06C40.160.09	100	170	160	40	63	10	C	9	4



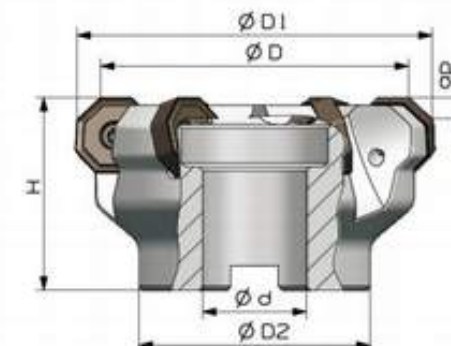
铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

面铣刀具 Kr:45°



AF06



★ 刀具附件 Spare parts

刀片 Insert	压紧螺钉 Clamping Screw	扳手 Wrench
ON□□0604□□	L60 M4X10	T15T
ON□□08T5□□	L60 M5X12	T20T

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)
		$\varnothing D_2$	$\varnothing D_1$	$\varnothing D$	$\varnothing d$	H	$\varnothing p$			
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
ON08	AF06.06D60.315.17	250	327	315	60	70	4	D	17	20.8
	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

铣削刀具 | MILLING TOOLS

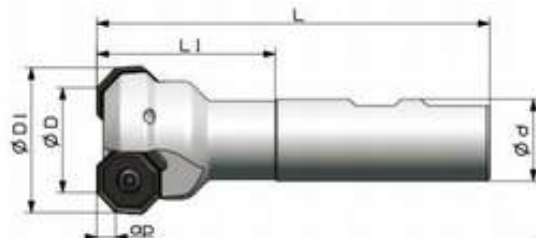


可转位铣削刀具 Indexable milling tools

面铣刀具 Kr:45°



AF06



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
ON□□0604□□	TL60 M4X10	T15
ON□□08T5□□	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 ₁	ØD	Ød	L	L ₁	ap			
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



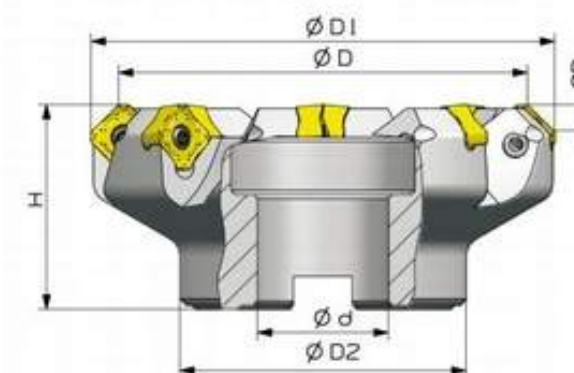
铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

面铣刀具 Kr:45°



AF08



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
SNEX1206ANN	TL60 M4X10	T15T

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

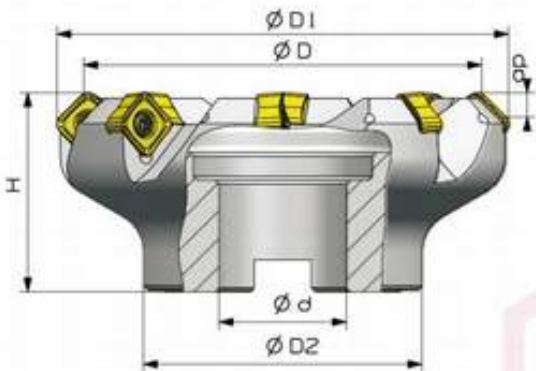
Type 型号	基本尺寸(mm) Dimension						Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD ₂	ØD ₁	ØD	Ød	H	ap			
AF08.12A22.050.04	40	63	50	22	40	6	A	4	0.5
AF08.12A22.063.06	50	76	63	22	40	6	A	6	0.7
AF08.12B27.080.07	60	93	80	27	50	6	B	7	1.2
AF08.12B32.100.08	70	113	100	32	50	6	B	8	1.7
AF08.12B40.125.10	80	138	125	40	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

可转位铣削刀具 Indexable milling tools

面铣刀具 Kr:45°



AF09



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
SNMX1205XTN	TL60 M4X10	T15T

注：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

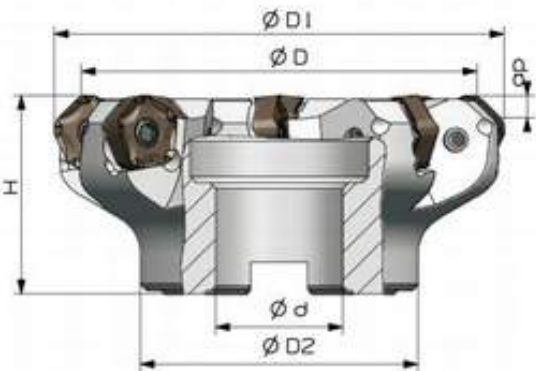
Type 型号	基本尺寸(mm) Dimension						Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	$\varnothing D_2$	$\varnothing D_1$	$\varnothing D$	$\varnothing d$	H	ap			
AF09.12A22.050.04	40	63	50	22	40	6	A	4	0.5
AF09.12A22.063.05	50	76	63	22	40	6	A	5	0.7
AF09.12B27.080.06	60	93	80	27	50	6	B	6	1.2
AF09.12B32.100.08	70	113	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

Indexable milling tools 可转位铣削刀具

面铣刀具 Kr:45°



AF10



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
PNMU1205ANER	TL60 M5X12	T20T

注：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

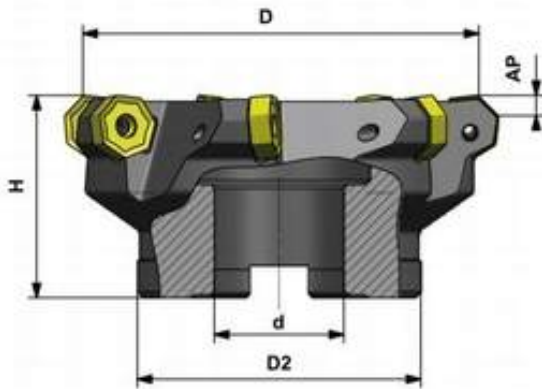
Type 型号	基本尺寸(mm) Dimension						Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	$\varnothing D_2$	$\varnothing D_1$	$\varnothing D$	$\varnothing d$	H	ap			
AF10.12A22.063.05	50	76	63	22	45	5.5	A	5	0.5
AF10.12B27.080.06	60	93	80	27	50	5.5	B	6	1.0
AF10.12B32.100.08	70	113	100	32	50	5.5	B	8	1.4
AF10.12B40.125.10	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

可转位铣削刀具 Indexable milling tools

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	T15

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	ap			
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

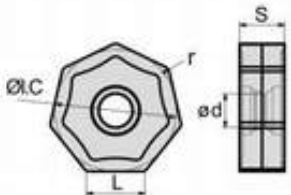
Indexable milling tools 可转位铣削刀具

★ 刀片选择 Matching Insert

型号 Type	SP210M	SD2136	SD2336	SD4326	SD4226	SD4236	SD5346	SD5236	SD5450	SD5440	SD6146	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



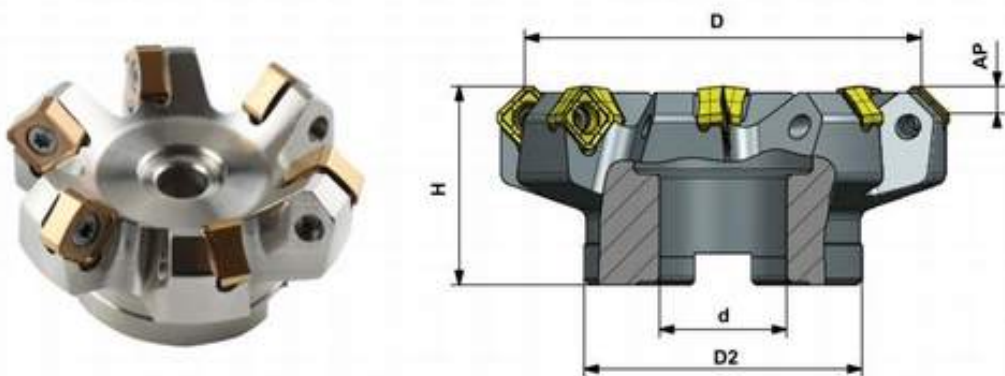
MSUTOLS

可转位铣削刀具 Indexable milling tools

面铣刀具 Kr:45°



AF12



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
		
SNGX1205ANN	TL60M5X13	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.

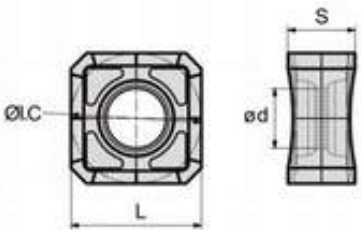
★ 刀具规格型号 Type of milling tools

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	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

Indexable milling tools 可转位铣削刀具

★ 刀片选择 Matching Insert

型号 Type	基本尺寸(mm) Dimension										L	ØI.C	S	Ød	r
	SP210M	SP210T	SD2136	SD2336	SD4226	SD4236	SD5346	SD6236	SD5450	SD5440					
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															



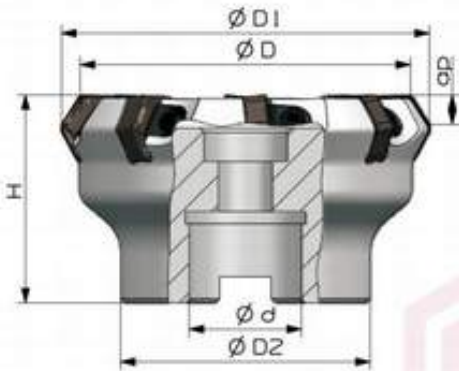
● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application



可转位铣削刀具 Indexable milling tools

面铣刀具 Kr:55°

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

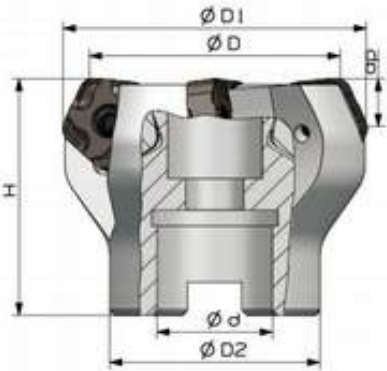
Type 型号	基本尺寸(mm) Dimension						Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD ₂	ØD ₁	ØD	Ød	H	ap			
DF01.09A27.080.08	60	88.5	80	27	50	8.5	A	8	1.1
DF01.09B32.100.10	70	108.5	100	32	50	8.5	B	10	2.6
DF01.09B40.125.14	80	133.5	125	40	63	8.5	B	14	3.7
DF01.09B40.160.18	100	168.5	160	40	63	8.5	B	18	5.6
DF01.09C60.200.22	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



Indexable milling tools 可转位铣削刀具

面铣刀具 Kr:67°

DF01



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
PNEG110512R	TL60 M4X10	T15T

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 ₁	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

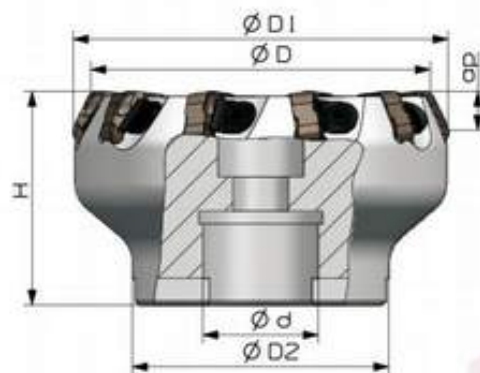
铣削刀具 | MILLING TOOLS



可转位铣削刀具 Indexable milling tools

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)
		$\varnothing D_2$	$\varnothing D_1$	$\varnothing D$	$\varnothing d$	H	a_p			
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

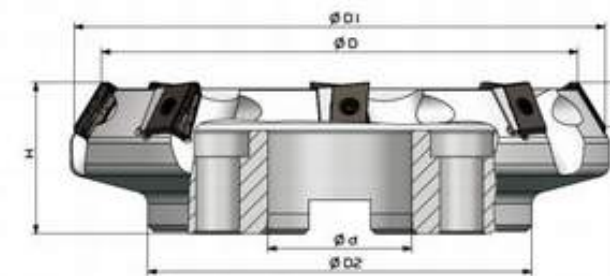
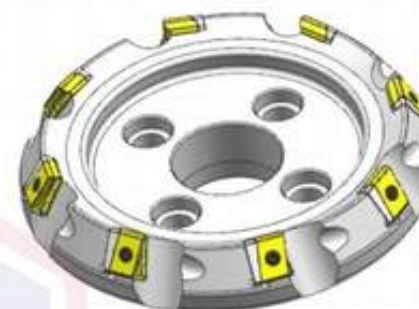


铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

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	T15T/T20T

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

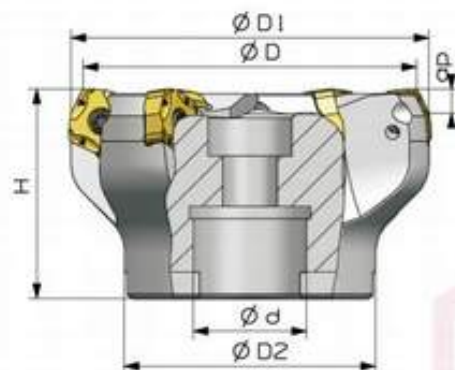
★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	$\varnothing D_2$	$\varnothing D_1$	$\varnothing D$	$\varnothing d$	H	a_p			
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

面铣刀具 Kr:65°



DF03



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
		
R365-1505ZNE	TL60 M4X10	T15T

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

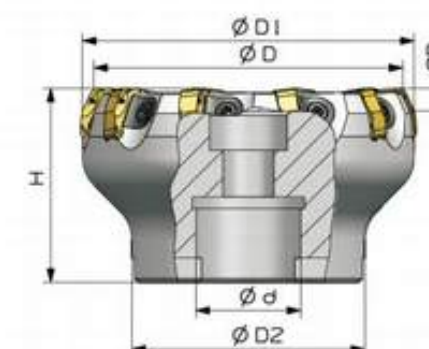
★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	$\varnothing D_2$	$\varnothing D_1$	$\varnothing D$	$\varnothing d$	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

面铣刀具 Kr:65°



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 Sandvik brand.

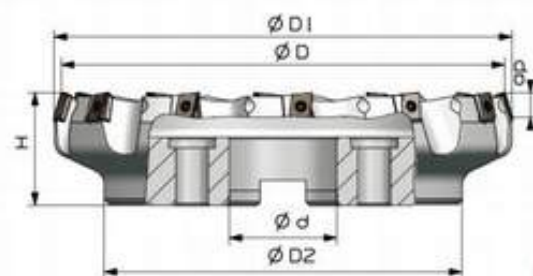
★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	$\varnothing D_2$	$\varnothing D_1$	$\varnothing D$	$\varnothing d$	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

面铣刀具 Kr:75°



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	T10T/T15T

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

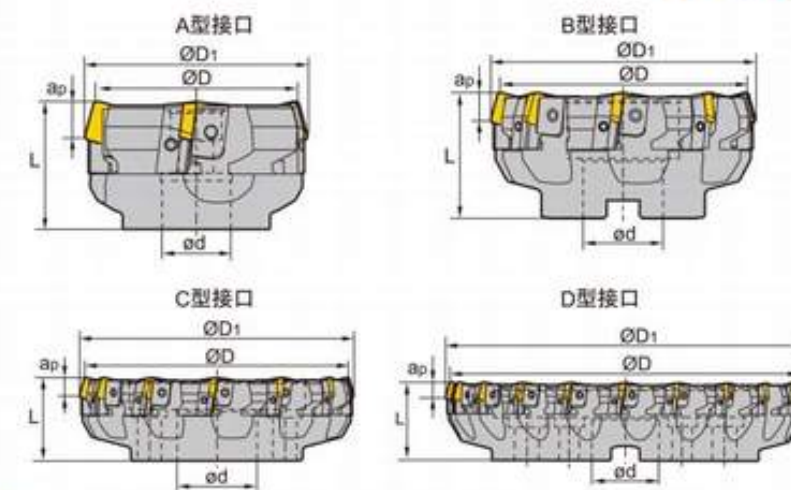
★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	$\varnothing D_2$	$\varnothing D_1$	$\varnothing D$	$\varnothing d$	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

面铣刀具 Kr:75°



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		S4
SPKN1504	LSP15R/L	W04R/L	WM8×22		

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

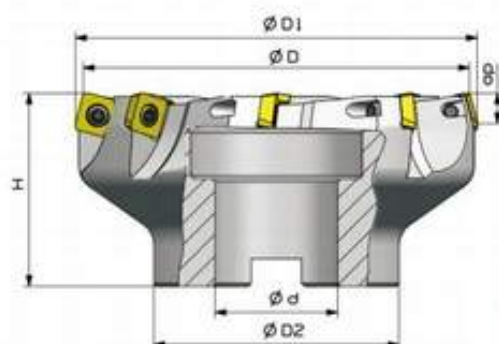
★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	$\varnothing D$	$\varnothing D_1$	$\varnothing d$	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

面铣刀具 Kr:75°



EF04



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
SPK□1204	TL60 M5X12	T20T

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

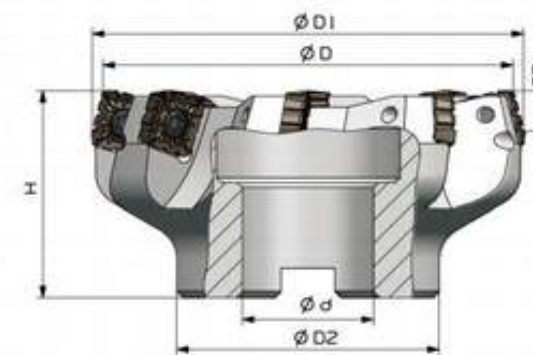
★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	$\varnothing D_2$	$\varnothing D_1$	$\varnothing D$	$\varnothing d$	H	ap			
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

面铣刀具 Kr:75°



EF06



★ 刀具附件 Spare parts

刀片 Insert	压紧螺钉 Clamping Screw	扳手 Wrench
SPMT1806EDER	TL60 M6X16	T25T

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

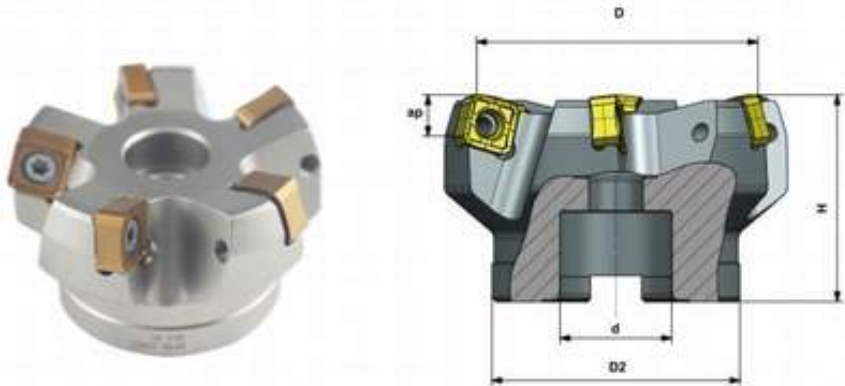
★ 刀具规格型号 Type of milling tools

Category 类别	Type 型号	基本尺寸(mm) Dimension						Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
		$\varnothing D_2$	$\varnothing D_1$	$\varnothing D$	$\varnothing d$	H	ap			
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

可转位铣削刀具 Indexable milling tools

面铣刀具 Kr:75°

EF08



★ 刀具附件 Spare parts

刀片 Insert	压紧螺钉 Clamping Screw	扳手 Wrench
		
SNGX1205ENN	TL60M5X13	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.

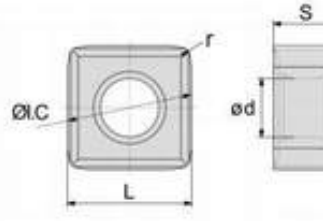
★ 刀具规格型号 Type of milling tools

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	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

Indexable milling tools 可转位铣削刀具

★ 刀片选择 Matching Insert

型号 Type	SP210M	SP210T	SD2136	SD2336	SD4326	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
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																



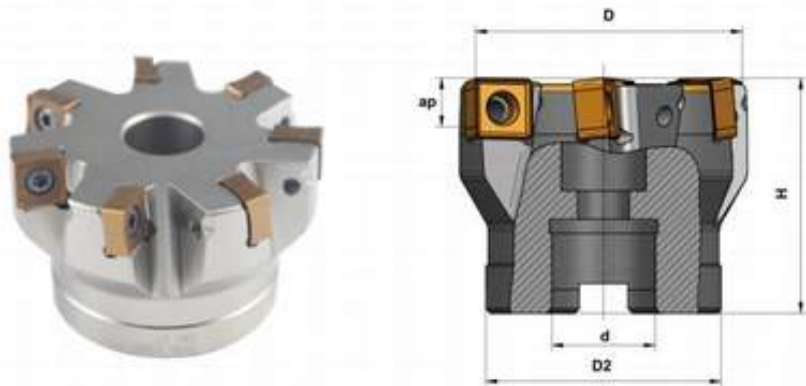
● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

可转位铣削刀具 Indexable milling tools

面铣刀具 Kr:88°



PF88



★ 刀具附件 Spare parts

刀片 Insert	压紧螺钉 Clamping Screw	扳手 Wrench
		
SNGX1205PNN	TL60M5X13	T20

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

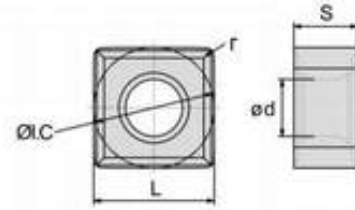
★ 刀具规格型号 Type of milling tools

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	ap			
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

Indexable milling tools 可转位铣削刀具

★ 刀片选择 Matching Insert

型号 Type												基本尺寸(mm) Dimension					
	SP210M	SP210T	SD2136	SD2336	SD4326	SD4226	SD4236	SD5346	SD5236	SD5450	SD5440	SD5146	L	ØI.C	S	Ød	r
SNGX1205PNN	○	○											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

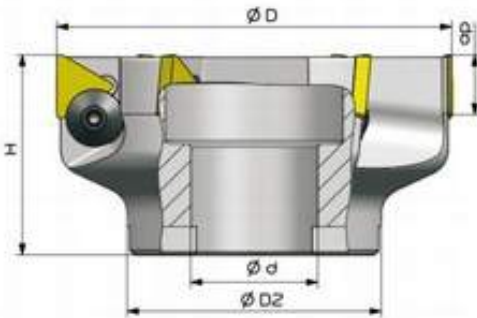


可转位铣削刀具 Indexable milling tools

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 Zccot 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			
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

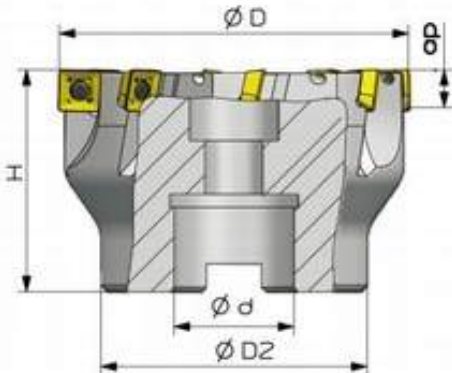


Indexable milling tools 可转位铣削刀具

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	T08T

注明：配套刀片建议参考株洲钻石刀片。 Note: The insert is Zccot 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)
	ØD ₂	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

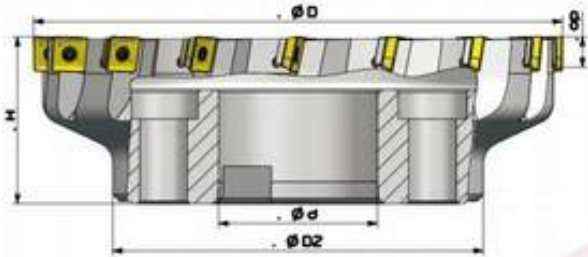


可转位铣削刀具 Indexable milling tools

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	T15 T	S3.5

注明：配套刀片建议参考株洲钻石刀片。Note: The insert is Zocct 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	ap			
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



Indexable milling tools 可转位铣削刀具

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	ap			
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

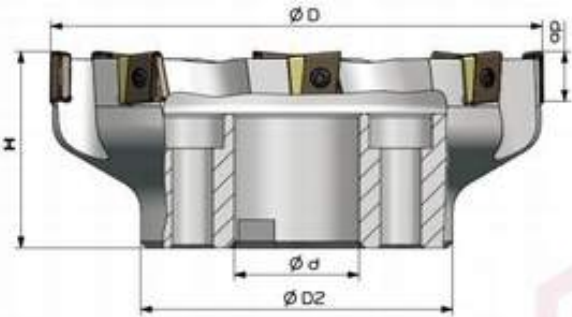


可转位铣削刀具 Indexable milling tools

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	T15T	T10T
LNKT2007DN-ZR	LLN20-ZR	TL60 M4X15	L60 M3X7	T15T	T10T
LNKT2510-ZR	LLN25R-ZR	TL60 M5X17	L60 M3.5X10	T15T	T20T

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)
		$\varnothing D_2$	$\varnothing D$	$\varnothing d$	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



Indexable milling tools 可转位铣削刀具

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)
		$\varnothing D_2$	$\varnothing D$	$\varnothing d$	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

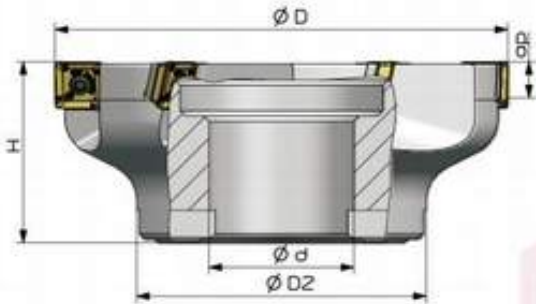


可转位铣削刀具 Indexable milling tools

面铣刀具 Kr:90°



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	T15T	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)
	ØD ₂	ØD	ad	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

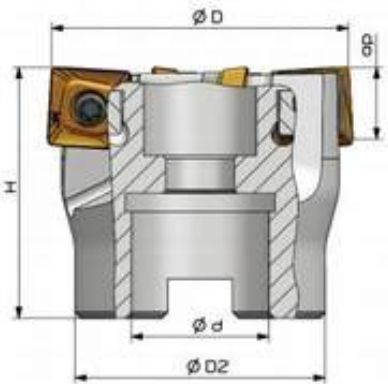


Indexable milling tools 可转位铣削刀具

面铣刀具 Kr:90°



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	T15T	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

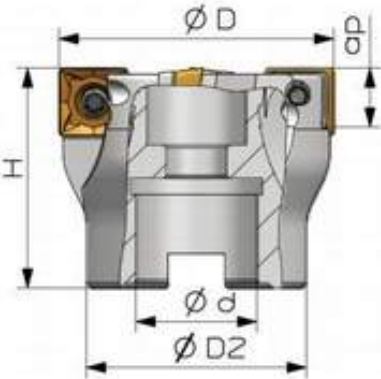
Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD ₂	ØD	ad	H	ap			
PF06.12A22.050.04	40	50	22	40	10	A	4	0.3
PF06.12A22.063.05	50	63	22	40	10	A	5	0.5
PF06.12B27.080.06	60	80	27	50	10	B	6	0.6
PF06.12B32.100.07	70	100	32	50	10	B	7	1.4
PF06.12B40.125.08	80	125	40	63	10	B	8	2.2
PF06.12C40.160.12	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

可转位铣削刀具 Indexable milling tools

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	T15T	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

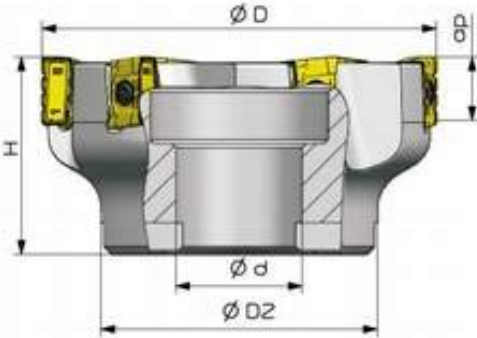
Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	$\varnothing D_2$	$\varnothing D$	$\varnothing d$	H	a_p			
PF07.12A22.050.04	40	50	22	40	10	A	4	0.3
PF07.12A22.063.05	50	63	22	40	10	A	5	0.5
PF07.12A27.080.06	60	80	27	50	10	A	6	1.0
PF07.12B32.100.07	70	100	32	50	10	B	7	1.5
PF07.12B40.125.08	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

Indexable milling tools 可转位铣削刀具

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	T15T

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

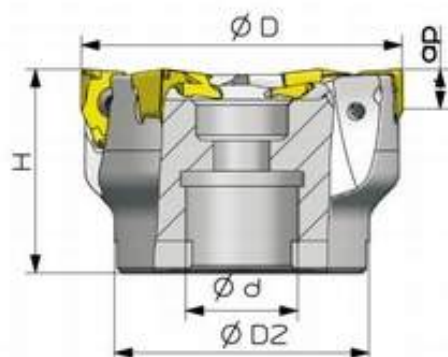
★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	$\varnothing D_2$	$\varnothing D$	$\varnothing d$	H	a_p			
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

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 M4X12	T15T

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

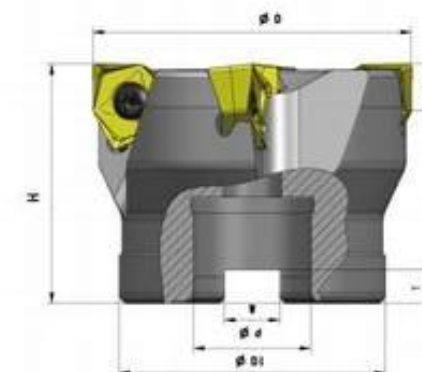
★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ϕD_2	ϕD	ϕd	H	ϕP			
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

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 M5X13	T20T

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)
	ϕD	ϕD_1	ϕd	H	W	ϕP	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

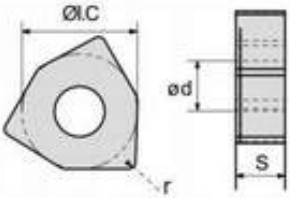
铣削刀具 | MILLING TOOLS



可转位铣削刀具 Indexable milling tools

★ 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
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



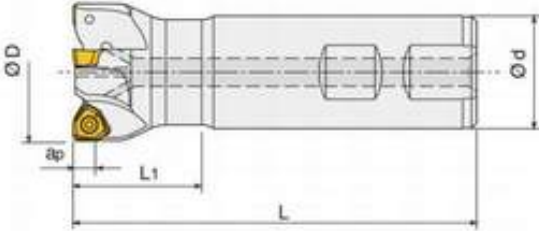
铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

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	T20

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 Tool

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

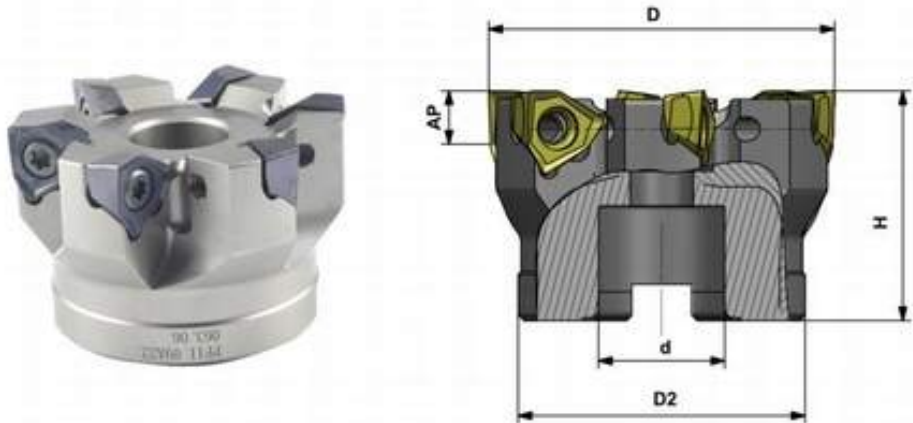


可转位铣削刀具 Indexable milling tools

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	T20

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

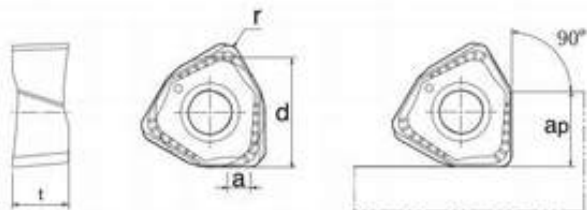
Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD ₂	ØD	ad	H	ap			
PF11.09A22.050.05	40	50	22	40	9.2	A	5	0.35
PF11.09A22.063.06	50	63	22	40	9.2	A	6	0.51
PF11.09A27.080.07	60	80	27	50	9.2	A	7	1.05
PF11.09B32.100.08	70	100	32	50	9.2	B	8	1.82
PF11.09B40.125.11	80	125	40	63	9.2	B	11	3.09
PF11.09B40.160.12	100	160	40	63	9.2	B	12	4.27



Indexable milling tools 可转位铣削刀具

★ 刀片选择 Matching Insert

型号 Type	SP210T	SD2136	SD2336	SD4326	SD4236	SD6346	SD6450	SD6440	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													

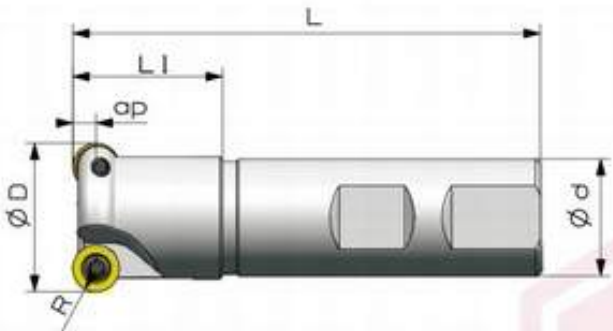


● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

可转位铣削刀具 Indexable milling tools

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	T15
RCKT1204MO-DR	TL60 M3.5X10	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.

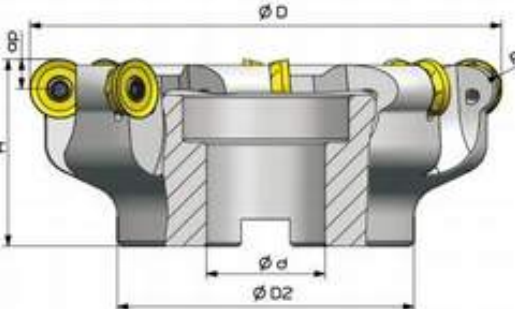
★ 刀具规格型号 Type of milling tools

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			
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

Indexable milling tools 可转位铣削刀具

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	T15
RCKT1606MO-DR	TL60 M5X12	T20
RCKT2006MO-DR	TL60 M6X16	T25T

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

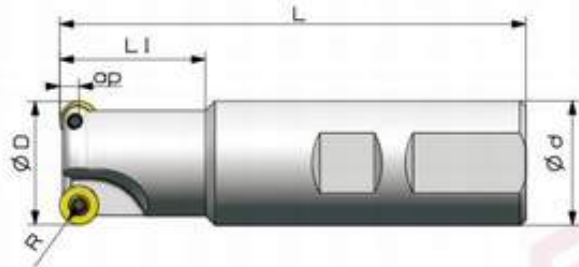
★ 刀具规格型号 Type of Milling Tools

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

可转位铣削刀具 Indexable milling tools

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	T15
RDKW1204MO	TL60 M4X10	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.

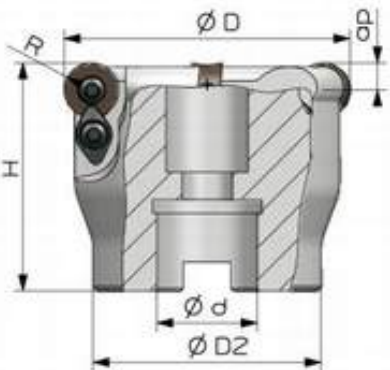
★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	R	ØD	ed	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

Indexable milling tools 可转位铣削刀具

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	WD204	T15T
RDKW1605MO	TL60 M5X12	WD208	T20T
RDKW2006MO	TL60 M6X16		T25T

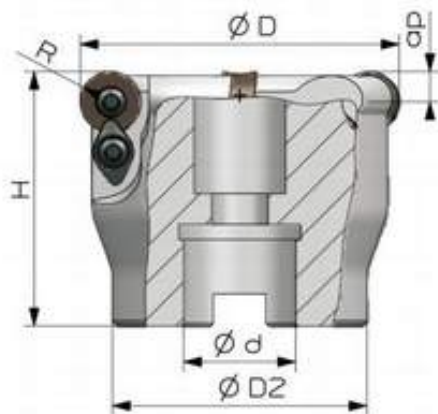
注明：配套刀片建议参考株洲钻石品牌刀片。Note: The insert is Zccct brand.

★ 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			
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

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	WD204	T15T
RPMT1606MO	TL60 M5X12	WD208	T20T

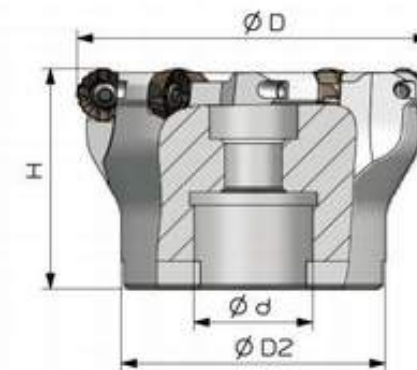
注明：配套刀片建议参考三菱品牌刀片。Note: The insert is Mitsubishi brand.

★ 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

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	T15T

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

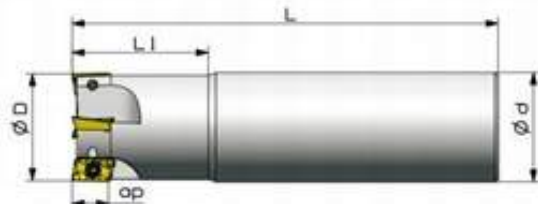
★ 刀具规格型号 Type of Milling Tools

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			
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

方肩铣刀 Kr:90°



PE01



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
APKT11T3□□	TL60 M2.5X6.5	T08
APKT1604□□	TL60 M4X10	T15

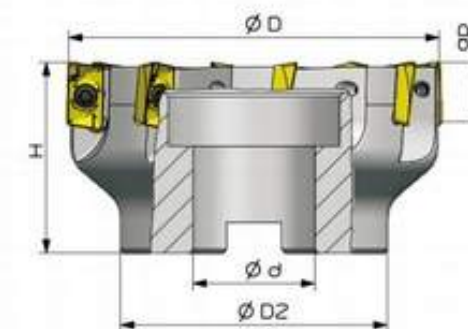
★ 刀具规格型号 Type of milling tools

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°



PE01



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
APKT11T3□□	TL60 M2.5X6.5	T08
APKT1604□□	TL60 M4X10	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	ØD2	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
	PE01.16A22.050.05	50	22	40	40	15.5	A	5	0.3
AP16	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

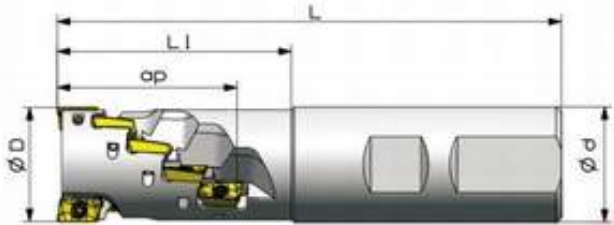
注明：配套刀片建议参考株洲钻石品牌刀片。Note: The insert is Zccct brand.

可转位铣削刀具 Indexable milling tools

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 M2.5X6.5	T08

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

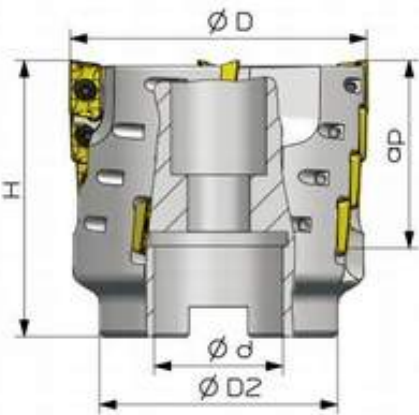
Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD	Ød	L	L1	ap			
PE02.11W20.020.01	20	20	120	45	29	W	1	0.3
PE02.11W25.025.02	25	25	130	55	39	W	2	0.4
PE02.11W32.032.02	32	32	140	65	48	W	2	0.7
PE02.11W32.040.02	40	32	150	75	55	W	2	1.3

Indexable milling tools 可转位铣削刀具

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 M2.5X6.5	T08

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	ØD ₂	H	ap			
PE02.11A22.050.04	50	22	40	58	39	A	4	0.5
PE02.11A27.063.04	63	27	50	58	39	A	4	0.9
PE02.11B32.080.05	80	32	60	63	39	B	5	1.3
PE02.11B40.100.06	100	40	70	63	39	B	6	2.0

铣削刀具 | MILLING TOOLS

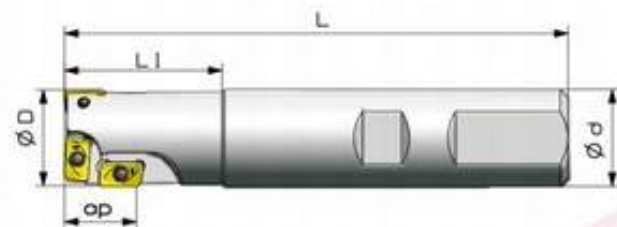


可转位铣削刀具 Indexable milling tools

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 M2.5X6.5	T08
APMT160408PDER	TL60 M4X10	T15

注明：配套刀片建议参考株洲钻石品牌刀片。Note: The insert is Zscct 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)
		$\varnothing D$	$\varnothing d$	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

铣削刀具 | MILLING TOOLS

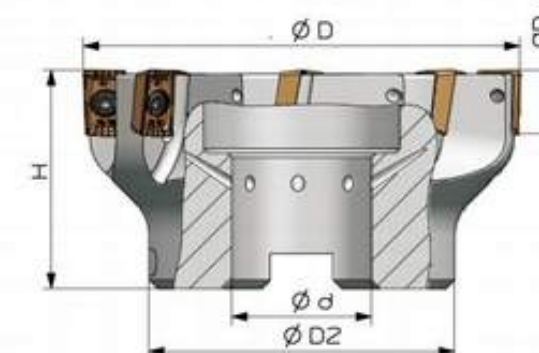


Indexable milling tools 可转位铣削刀具

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)
	$\varnothing D2$	$\varnothing D$	$\varnothing d$	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

铣削刀具 | MILLING TOOLS

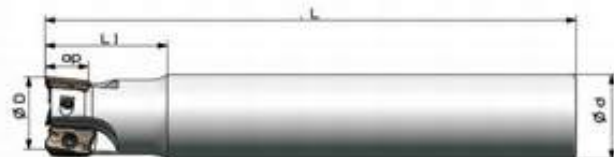


可转位铣削刀具 Indexable milling tools

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	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

铣削刀具 | MILLING TOOLS

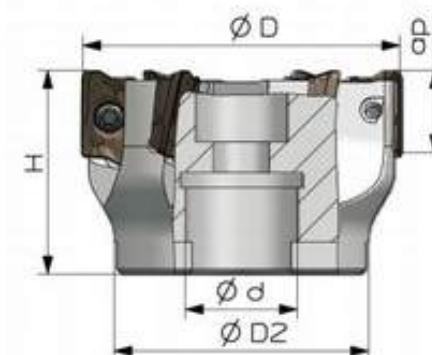


Indexable milling tools 可转位铣削刀具

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	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

铣削刀具 | MILLING TOOLS



可转位铣削刀具 Indexable milling tools

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	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	PE06.12216.016.02.S	16	16	100	25	10	Z	2	0.3
	PE06.12216.016.02.M	16	16	145	25	10	Z	2	0.5
	PE06.12220.020.03.S	20	20	110	30	10	Z	3	0.6
	PE06.12220.020.03.M	20	20	150	40	10	Z	3	0.8
	PE06.12225.025.04.S	25	25	120	35	10	Z	4	1.0
	PE06.12225.025.04.M	25	25	170	50	10	Z	4	1.5
	PE06.12232.032.05.S	32	32	130	40	10	Z	5	2.0
	PE06.12232.032.05.M	32	32	180	60	10	Z	5	2.4
	PE06.12232.040.06.S	40	32	150	30	10	Z	6	2.5
	PE06.12232.040.06.M	40	32	180	30	10	Z	6	3.2
AX17	PE06.17225.025.02.S	25	25	120	35	14	Z	2	1.0
	PE06.17225.025.02.M	25	25	170	50	14	Z	2	1.5
	PE06.17232.032.03.S	32	32	130	40	14	Z	3	2.0
	PE06.17232.032.03.M	32	32	180	60	14	Z	3	2.4
	PE06.17232.040.04.S	40	32	170	50	14	Z	4	2.5
	PE06.17232.040.04.M	40	32	220	50	14	Z	4	3.2



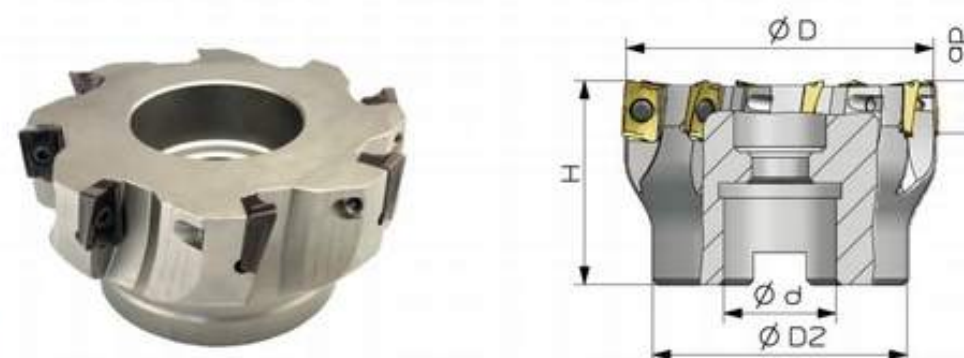
铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

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	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	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

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 M2.5X6.5	T08
APMT1605□□PDER	TL60 M3.5X10	T15

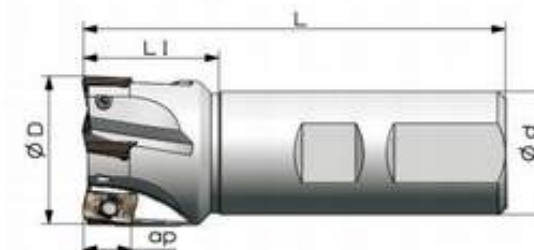
注明：配套刀片建议参考住友品牌刀片。Note: The insert is Sumitomo brand.

★ 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			
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

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 M2.5X6.5	T08
ADMT120408R	TL60 M3X8	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
AD12	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
	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

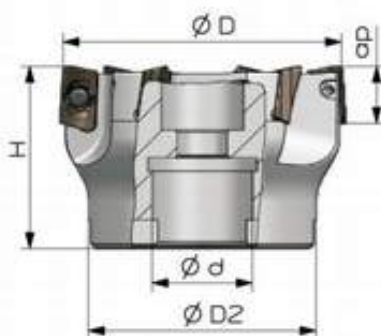
铣削刀具 | MILLING TOOLS



可转位铣削刀具 Indexable milling tools

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 M2.5X6.5	T08
ADMT120408R	TL60 M3X8	T10
ADMT160608R	TL60 M4X10	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

铣削刀具 | MILLING TOOLS



Indexable milling tools 可转位铣削刀具

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 M2.5X6.5	T08
R390-1704□□	TL60 M3.5X10	T15

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
	PE09.17Z25.025.02	25	25	120	32	15.7	Z	2	0.4
17	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

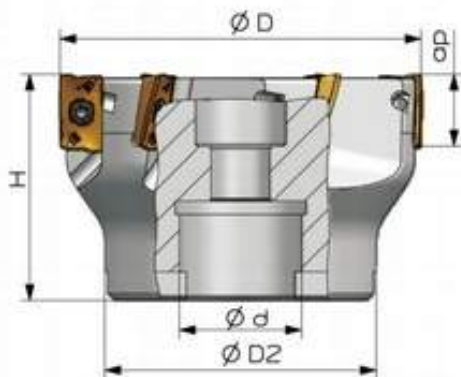
铣削刀具 | MILLING TOOLS



可转位铣削刀具 Indexable milling tools

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 M2.5X6.5	T08
R390-1704□□	TL60 M3.5X10	T15

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

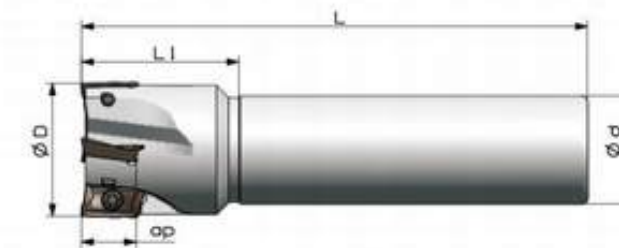
铣削刀具 | MILLING TOOLS



Indexable milling tools 可转位铣削刀具

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 M2.5X6.5	T08
BDMT1704□□ER	TL60 M4X10	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

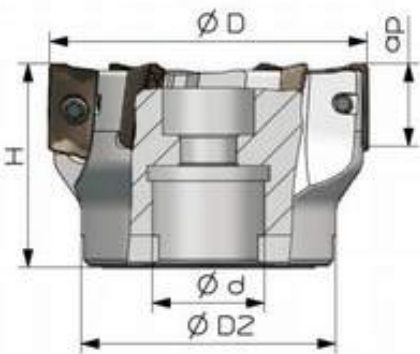
Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量(kg)
		ØD	Ød	L	L1	ap			
11	PE10.11Z16.016.02	16	16	100	30	10	Z	2	0.2
	PE10.11Z20.020.03	20	20	110	32	10	Z	3	0.3
	PE10.11Z25.025.03	25	25	120	32	10	Z	3	0.3
	PE10.11Z32.032.04	32	32	130	40	10	Z	4	0.4
17	PE10.17Z25.025.02	25	25	120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

可转位铣削刀具 Indexable milling tools

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 M2.5X6.5	T08
BDMT1704□□ER	TL60 M4X10	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

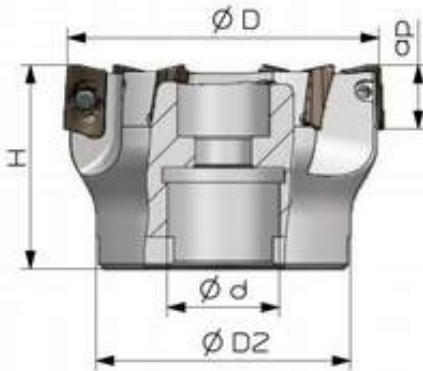
Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量(kg)
		ϕD	ϕd	$\phi D2$	H	ap			
11	PE10.11A22.050.07	50	22	40	40	10	A	7	0.5
	PE10.11A22.063.08	63	22	50	40	10	A	8	0.6
	PE10.11A27.080.10	80	27	60	50	10	A	10	0.9
17	PE10.17A22.050.05	50	22	40	40	15.7	A	5	0.4
	PE10.17A22.063.06	63	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

Indexable milling tools 可转位铣削刀具

方肩刀具 Kr:90°



PE11



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
APKT100304PDER	TL60 M2.5X6.5	T08

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

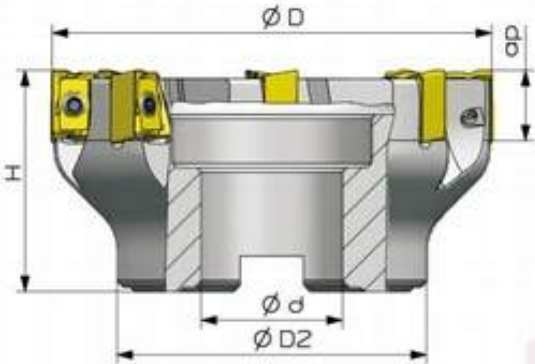
Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量(kg)
		ϕD	ϕd	$\phi D2$	H	ap			
AP10	PE11.10A16.040.05	40	16	35	40	8	A	5	0.2
	PE11.10A22.050.06	50	22	40	40	8	A	6	0.3
	PE11.10A22.063.07	63	22	50	40	8	A	7	0.6
	PE11.10A27.080.08	80	27	60	50	8	A	8	1.1
	PE11.10B32.100.10	100	32	70	50	8	B	10	1.6

可转位铣削刀具 Indexable milling tools

方肩刀具 Kr:90°



PE12



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
LN□X151008PNR	TL60 M4X10	T15T

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

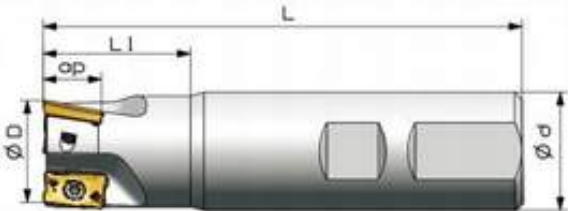
Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD	Ød	ØD2	H	ap			
PE12.15A22.050.04	50	22	40	40	14	A	4	0.4
PE12.15A22.063.06	63	22	50	40	14	A	6	0.6
PE12.15A27.080.07	80	27	60	50	14	A	7	1.2
PE12.15B32.100.8	100	32	70	50	14	B	8	2.4
PE12.15B40.125.10	125	40	80	63	14	B	10	3.8
PE12.15B40.160.12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

Indexable milling tools 可转位铣削刀具

方肩刀具 Kr:90°



PE14



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
AXMT11T308	TL60M2.5X6.5	T08

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

铣削刀具 | MILLING TOOLS

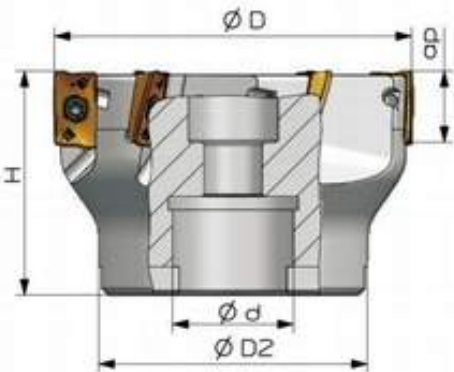


可转位铣削刀具 Indexable milling tools

方肩刀具 Kr:90°



PE14



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
AXMT11T308	TL60M2.5X6.5	T08

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	Øp			
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

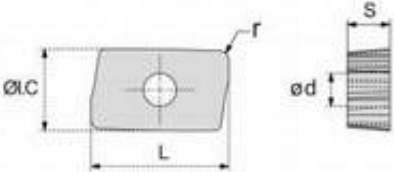


铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

★ 刀片选择 Matching Insert

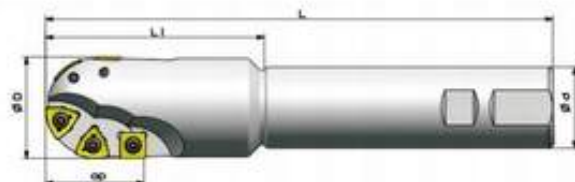
型号 Type	SP210M	SD2136	SD2336	SD4326	SD4226	SD4236	SD5346	SD5236	SD5450	SD5440	SD5146	基本尺寸(mm) Dimension				
												L	ØI.C	S	Ød	r
AXMT11T308-GM	●											11.7	6.93	3.6	2.8	0.8
AXMT170408-PM		●	●	○					○			17.6	9.6	4.76	4.3	0.8
P 钢	□	■	■						■							
M 不锈钢	□	□	■						■							
K 铸铁	■	■	■	■					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

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	Ti60 M3.5X10	T15
ZPNT2204CYR20	SPMT120408	TL60 M5X13	T20

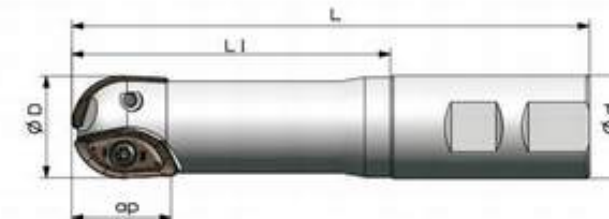
注册：配套刀片建议参考株洲钻石品牌刀片。Note:The insert is Zccct brand.

★ 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

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		TL60M3.5X8	T15
XPHT25R1204		TL60 M4X10	T15
XPHT30R1506	WD208	TL60 M5X12	T20
XPHT32R1606	WD208	TL60 M5X12	T20

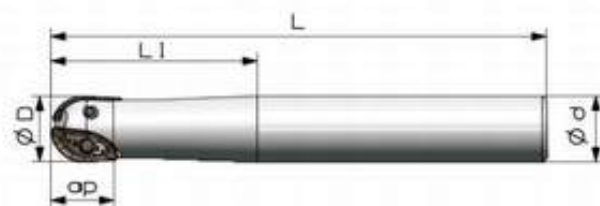
注册：配套刀片建议参考株洲钻石品牌刀片。Note:The insert is Zccct brand.

★ 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

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 M2.5X6.5	T08
XPHT20R10T3		TL60M3.5X8	T15
XPHT25R1204		TL60 M4X10	T15
XPHT30R1506	WD208	TL60 M5X12	T20
XPHT32R1606	WD208	TL60 M5X12	T20

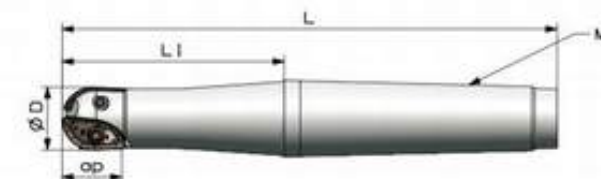
注明：配套刀片建议参考株洲钻石品牌刀片。Note: The insert is Zscct brand.

★ 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

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	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 Zscct brand.

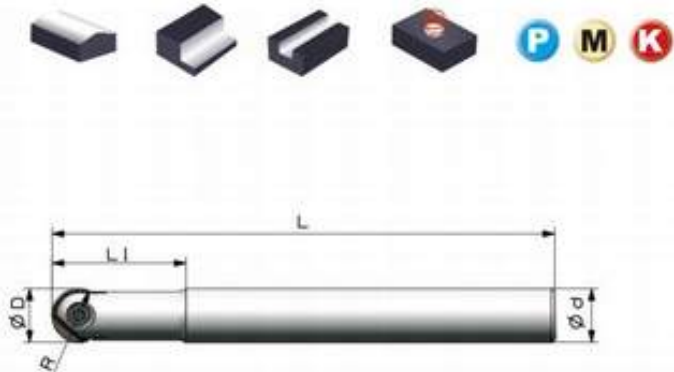
★ 刀具规格型号 Type of Milling Tools

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

可转位铣削刀具 Indexable milling tools

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
ø 12	ZOHX1203	I70 M4X10TT	T15
ø 16	ZOHX1604	I70 M5X12TT	T20
ø 20	ZOHX2005	I70 M5X16TT	T20
ø 25	ZOHX2506	I70 M6X20TT	T20
ø 30	ZOHX3007	I70 M8X25TT	T30S
ø 32	ZOHX3207	I70 M8X25TT	T30S

注：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			
ø 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
ø 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
ø 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

Indexable milling tools 可转位铣削刀具

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			
ø 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
ø 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
ø 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

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	T15
ZNMT2706150-C	ZNMT2806150-S	TL60 M4X10/TL60M5X12	T15/T20

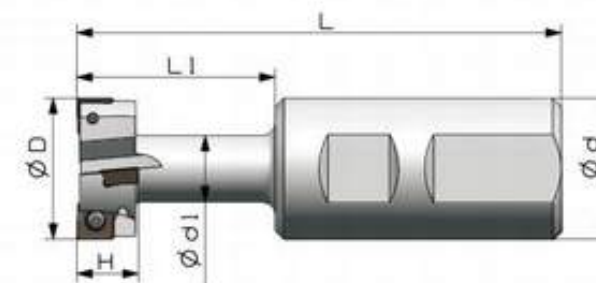
注明：配套刀片建议参考住友品牌刀片。Note: The insert is Sumitomo brand.

★ 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

三面刃铣削刀具

PT01



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
MPHT060304-DM	TL60M2.5X6.5	T08
MPHT080305-DM	TL60M3X7	T10
MPHT120408-DM	TL60M5X11	T20

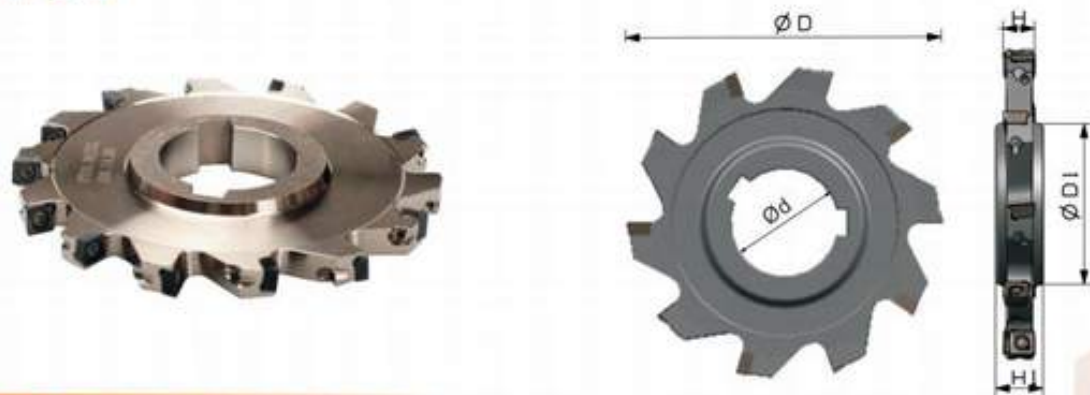
注明：配套刀片与株洲钻石通用。Note: Replaceable with Zccct brand inserts.

★ 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

三面刀刃铣削刀具

PT01



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
MPHT060304-DM	TL60 M2.5X6.5	T08T
MPHT080305-DM	TL60M3X7	T10T
MPHT120408-DM	TL60 M5X11	T20T

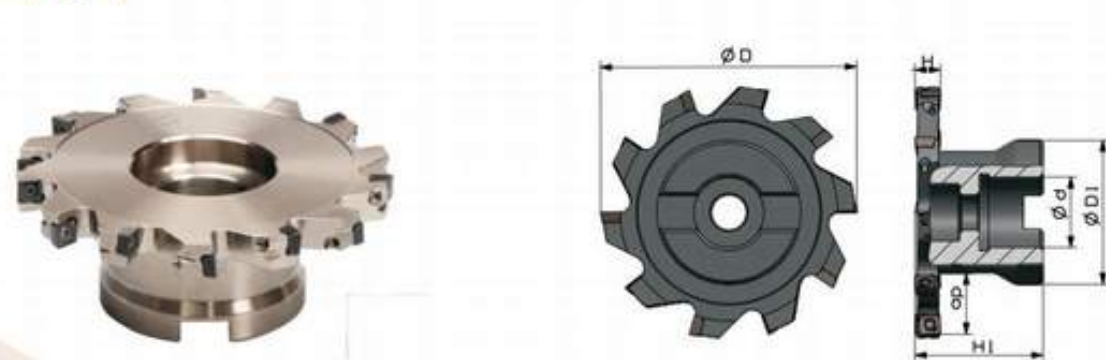
注明：配套刀片与株洲钻石通用。Note: Replaceable with Zccct brand inserts.

★ 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
	PT01.08J40.125.12.H12	125	55	40	16	12	12	0.7
MP08	PT01.08J40.160.14.H12	160	62	40	16	12	14	1.3
	PT01.12J40.160.12.H16	160	62	40	20	16	12	1.6
MP12	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

三面刀刃铣削刀具

PT01



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
MPHT060304-DM	TL60 M2.5X6.5	T08T
MPHT080305-DM	TL60M3X7	T10T
MPHT120408-DM	TL60 M5X10	T20T

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
	PT01.08B32.125.12.H12	125	65	32	45	12	33	12	B	1.4
MP08	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
	PT01.12B32.125.10.H16	125	65	32	50	16	30	10	B	2.3
MP12	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

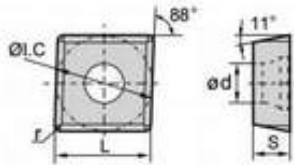
铣削刀具 | MILLING TOOLS



可转位铣削刀具 Indexable milling tools

★ 刀片选择 Matching Insert

型号 Type	SK001	SD2136	SD2336	SD4326	SD4226	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



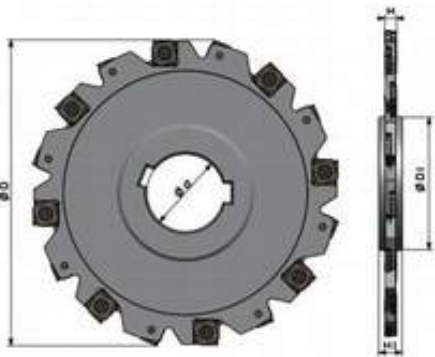
铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

三面刃铣削刀具



PT02



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
XSEQ1202	I91M4X3.2X	T09T
XSEQ1203	I91M4X4.2X	T15T
XSEQ12T3	I91M4X5.1X	T15T
XSEQ1204	I91M4X6.3X	T15T
XSEQ12T4	I91M4X6.3X	T15T

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



可转位铣削刀具 Indexable milling tools

三面刀刃铣削刀具



★ 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	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

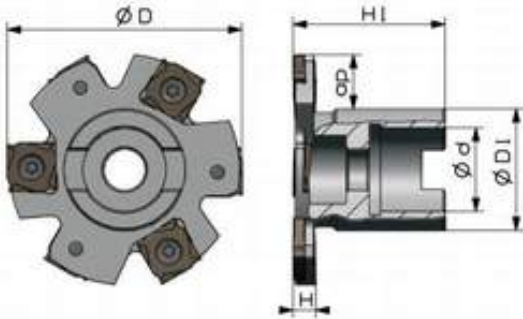


Indexable milling tools 可转位铣削刀具

三面刀刃铣削刀具



PT02



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
XSEQ1202	I91M4X3.2X	T09T
XSEQ1203	I91M4X4.2X	T15T
XSEQ12T3	I91M4X5.1X	T15T
XSEQ1204	I91M4X6.3X	T15T
XSEQ12T4	I91M4X6.3X	T15T

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

三面刀刃铣削刀具



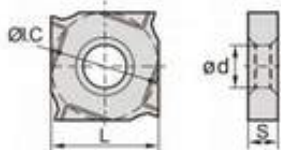
★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension						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	SD5446	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		

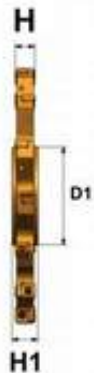
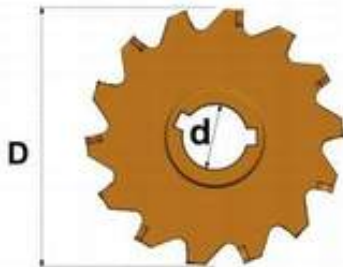


● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

三面刀刃铣削刀具



PT03



★ 刀具附件 Spare parts

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

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

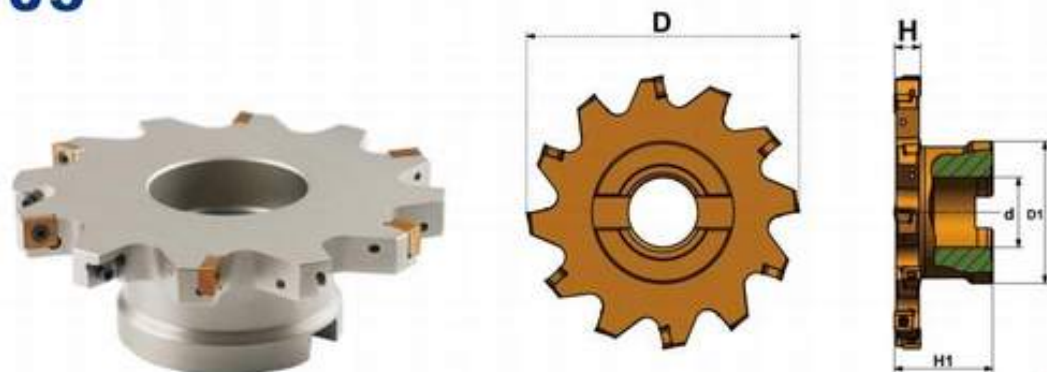
★ 刀具规格型号 Type of Milling Tools

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

可转位铣削刀具 Indexable milling tools

三面刀刃铣削刀具

PT03



★ 刀具附件 Spare parts

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

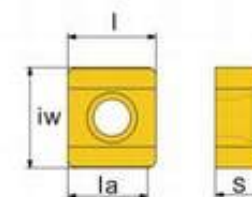
Category 类别	Type 型号	基本尺寸(mm) Dimension					Tooth 齿数	Adapter 接口形式	Weight 重量(kg)
		ØD	ØD1	Ød	H	H1			
08	PT03.08B32.125.12.H12	125	65	32	12	45	12	B	1.2
	PT03.08B40.160.14.H12	160	80	40	12	45	12	B	2.2
11	PT03.11B40.160.14.H16	160	80	40	16	50	14	B	2.5
	PT03.11B40.160.14.H18	160	80	40	18	50	14	B	2.7
	PT03.11C40.200.16.H16	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

Indexable milling tools 可转位铣削刀具

★ 刀片选择 Matching Insert

[illegible]

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	☐	☐



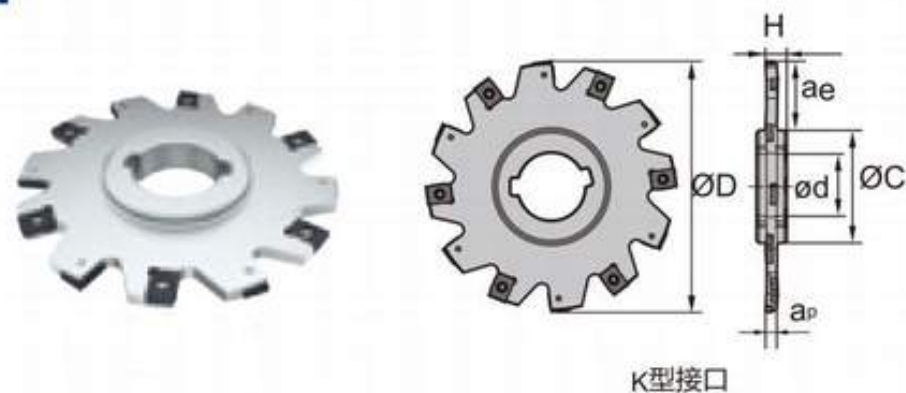
● 常备库存 Unallocated stock ○ 可备库存 Available stock

■ 推荐应用 Main application □ 拓展应用 Extended application

三面刀刃铣削刀具



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	T10
	7	TL60M4X5.1	
	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 Zccot brand inserts.

★ 刀具规格型号 Type of Milling Tools

Category 类别	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	aemax			
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.J27.100.12.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

三面刀刃铣削刀具

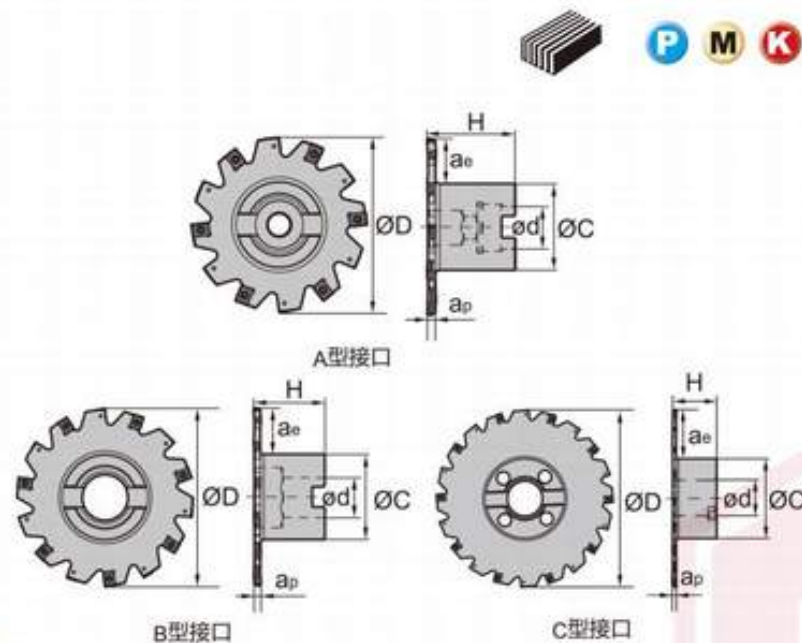


★ 刀具规格型号 Type of Milling Tools

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	aemax			
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
1238	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
	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
1243	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
	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
1248	PT04.LN1243.J27.100.10.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
	PT04.LN1248.J27.100.10.H9	100	27	41	12	9	27.5	10	K	0.4
1253	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
	PT04.LN1253.J27.100.10.H10	100	27	41	12	10	28.0	10	K	0.4
1253	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

三面刀刃铣削刀具

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	T10
	7	TL60M4X5.1	
	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						Tooth 齿数	Adapter 接口形式	Weight 重量(kg)
		ØD	Ød	ØC	H	ap	aemax			
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

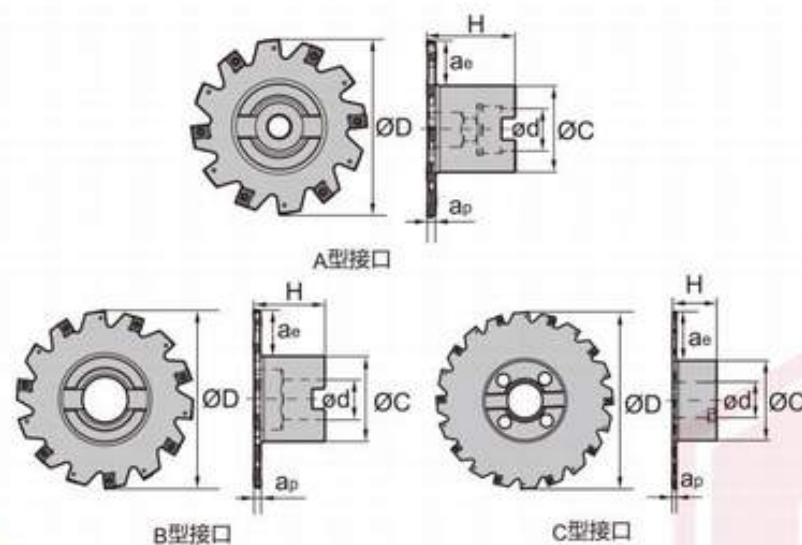
三面刀刃铣削刀具

★ 刀具规格型号 Type of Milling Tools

Category 类别	型号	基本尺寸(mm) Dimension						Tooth 齿数	Adapter 接口形式	Weight 重量(kg)
		ØD	Ød	ØC	H	ap	aemax			
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

三面刀刃铣削刀具

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	
	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						Tooth 齿数	Adapter 接口形式	Weight 重量(kg)
		ØD	Ød	ØC	H	ap	aemax			
1243	PT04.LN1243A22.080.08.H8	80	22	42	50	8	18	8	A	0.5
	PT04.LN1243A27.100.10.H8	100	27	52	50	8	23	10	A	0.7
	PT04.LN1243B32.125.12.H8	125	32	63	50	8	30	12	B	1.1
	PT04.LN1243B40.160.16.H8	160	40	76	50	8	41	16	B	1.4
	PT04.LN1243C40.200.18.H8	200	40	94	50	8	52	18	A	2.9
	PT04.LN1243C60.250.24.H8	250	60	132	50	8	58	24	A	4.7

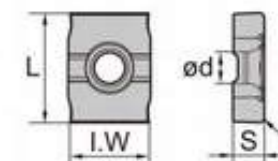
三面刀刃铣削刀具

★ 刀具规格型号 Type of Milling Tools

Category 类别	型号	基本尺寸(mm) Dimension						Tooth 齿数	Adapter 接口形式	Weight 重量(kg)
		ØD	Ød	ØC	H	ap	aemax			
1248	PT04.LN1248A27.100.10.H9	100	27	52	50	9	23	10	A	0.7
	PT04.LN1248B32.125.12.H9	125	32	63	50	9	30	12	B	1.1
	PT04.LN1248B40.160.16.H9	160	40	76	50	9	41	16	B	1.5
	PT04.LN1248C40.200.18.H9	200	40	94	50	9	52	18	C	3
	PT04.LN1248C60.250.24.H9	250	60	132	50	9	58	24	C	4.8
1253	PT04.LN1253A27.100.10.H10	100	27	52	50	10	23	10	A	0.7
	PT04.LN1253B32.125.12.H10	125	32	63	50	10	30	12	B	1.1
	PT04.LN1253B40.160.16.H10	160	40	76	50	10	41	16	B	1.5
	PT04.LN1253C40.200.18.H10	200	40	94	50	10	52	18	C	3
	PT04.LN1253C60.250.24.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	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														



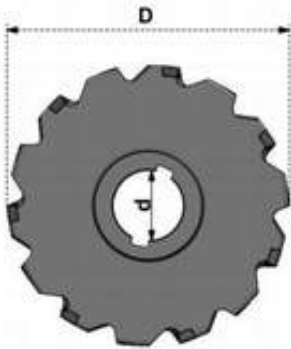
● 常备库存 Unallocated stock ○ 可备库存 Available stock

■ 推荐应用 Main application □ 拓展应用 Extended application

可转位铣削刀具 Indexable milling tools

三面刀刃铣削刀具

PT05



★ 刀具附件 Spare parts

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

Indexable milling tools 可转位铣削刀具

三面刀刃铣削刀具



★ 刀具规格型号 Type of Milling Tools

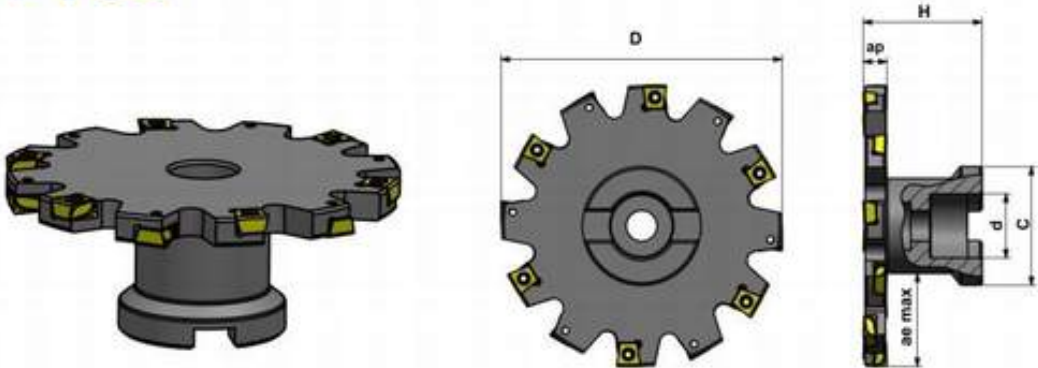
Category 类别	Type 型号	基本尺寸(mm) Dimension						Tooth 齿数	Adapter 接口形式	Weight 重量(kg)
		ØD	Ød	ØC	H	ap	ae max			
10	PT05.10J40.125.12.H16	125	40	55	20	16	34	12	K	1
	PT05.10J40.160.14.H16	160	40	62	20	16	47	14	K	1.8
	PT05.10J50.200.16.H16	200	50	72	20	16	62	16	K	2.9
	PT05.10J40.125.12.H18	125	40	55	24	18	34	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
	PT05.14J40.125.10.H20	125	40	55	26	20	34	10	K	1.2
14	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

可转位铣削刀具 Indexable milling tools

三面刀刃铣削刀具



PT05



★ 刀具附件 Spare parts

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

Indexable milling tools 可转位铣削刀具

三面刀刃铣削刀具



★ 刀具规格型号 Type of Milling Tools

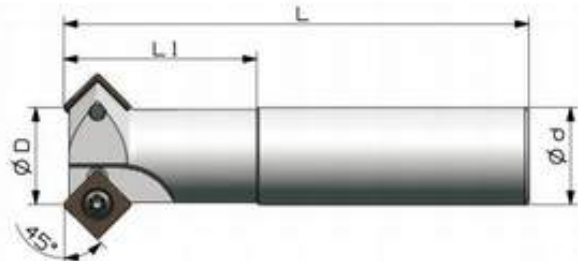
Category 类别	Type 型号	基本尺寸(mm) Dimension						Tooth 齿数	Adapter 接口形式	Weight 重量(kg)
		ØD	Ød	ØC	H	ap	ae max			
10	PT05.10B32.125.12.H16	125	32	65	50	16	33	12	B	1.4
	PT05.10B40.160.14.H16	160	40	80	50	16	42	14	B	2.6
	PT05.10C40.200.16.H16	200	40	92	50	16	53	16	C	4
	PT05.10B32.125.12.H18	125	32	65	50	18	33	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
	PT05.14B32.125.10.H20	125	32	65	50	20	33	10	B	1.6
14	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

铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

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 Zscct 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

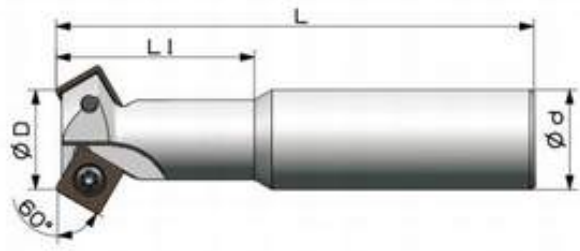


铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

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 Zscct 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

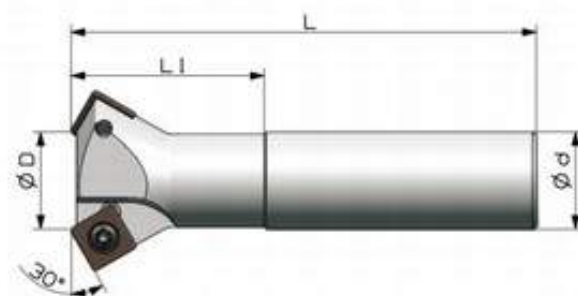
铣削刀具 | MILLING TOOLS



可转位铣削刀具 Indexable milling tools

倒角铣刀 Kr:30° Chamfer Milling Tools

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 Zscct 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



铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

大进给刀具

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	TL60 M4X10			T15

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

大进给刀具

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	TL60 M4X10			T15T

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

大进给刀具

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			T10
WPGT060415ZSR	TL60M4X10			T15
WPGT080615ZSR	TL60 M4X10	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 Zscct 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
	XK02.06Z25.025.02.S	25	25	140	60	Z	2	0.4
WP06	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

铣削刀具 | MILLING TOOLS



可转位铣削刀具 Indexable milling tools

大进给刀具



★ 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



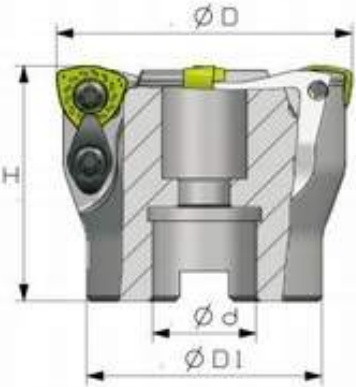
铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

大进给刀具



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	TL60 M4X10			T15T
WPGT080615ZSR	TL60 M5X12	TL60 M5X12	WD208	T20T
WPGT090725ZSR				

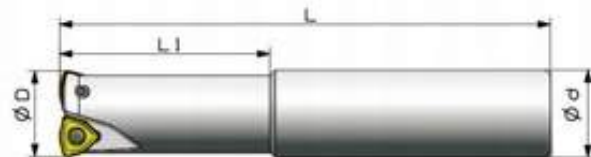
注明：配套刀片建议参考株洲钻石品牌刀片。 Note: The insert is Zccct brand.

★ 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
	XK02.08A22.050.03	50	40	22	50	A	3	0.4
	XK02.08A22.063.04	63	50	22	50	A	4	0.7
WP08	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
	XK02.09A22.063.03	63	50	22	50	A	3	0.7
WP09	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

大进给刀具

XK03



★ 刀具附件 Spare parts

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

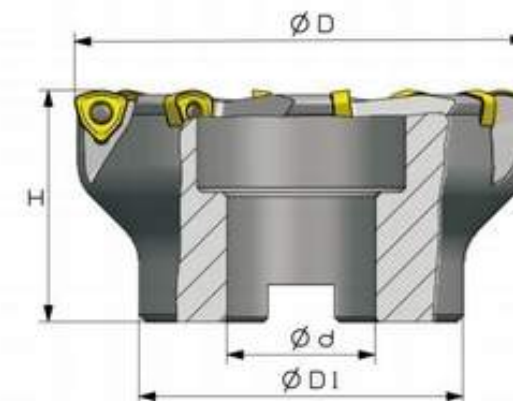
注明：配套刀片建议参考克洛伊品牌刀片。 Note: The insert is Korloy brand.

★ 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

大进给刀具

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

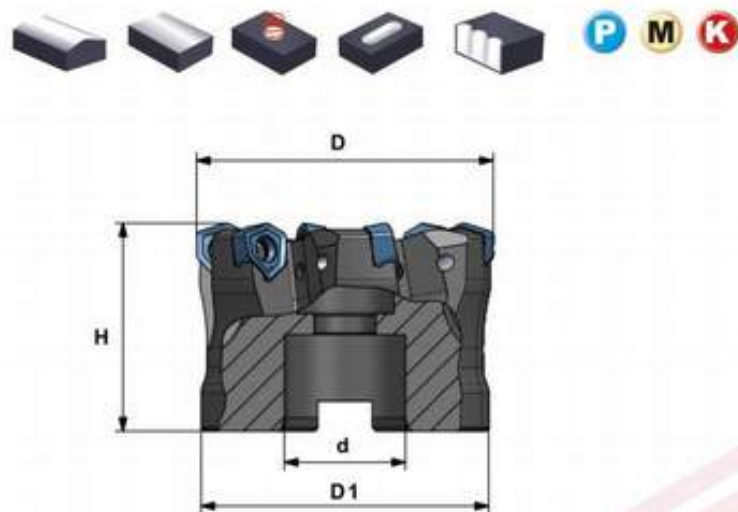
铣削刀具 | MILLING TOOLS



可转位铣削刀具 Indexable milling tools

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	TL60M5X13	T20

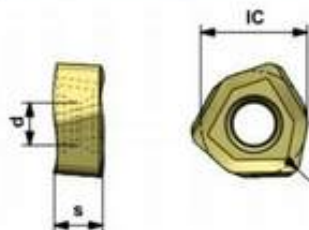
注明：配套刀片与铰钻，伊斯卡通用。Note: Replaceable with Zccct/Isar brand inserts.

★ 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 ₁	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



铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

大进给刀具

EXN03R



★ 刀具规格型号 Type of Milling Tools

标准品 Stocked Items	型号 Cat.No	尺寸 Size						刃数 Flute	适用刀片 Applicable inserts	扳手 Wrench	螺钉 Screw
		ØD	ØD ₁	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.

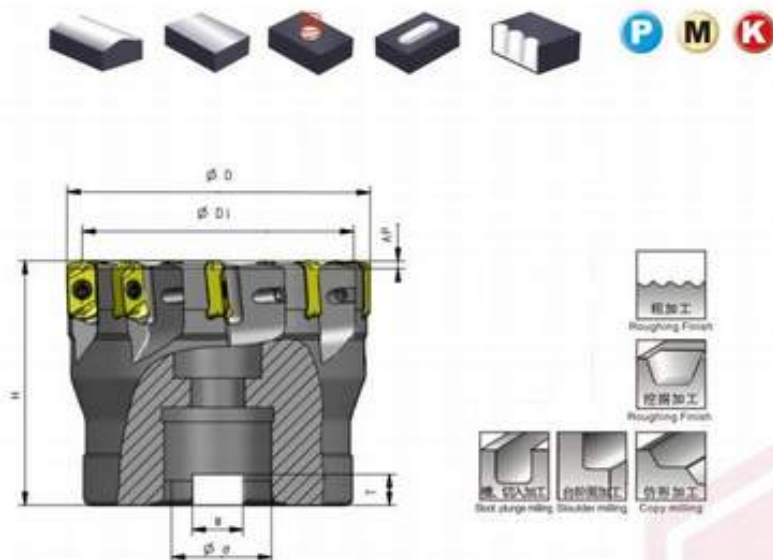
模具铣削刀具 | MOLD MILLING TOOLS



可转位铣削刀具 Indexable milling tools

大进给刀具

EXN03R



★ 刀具规格型号 Type of Milling Tools

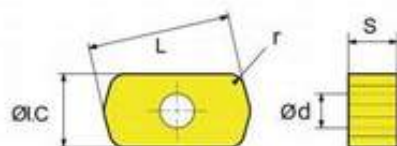
标准备品 Stocked Letrins	型号 Cat.No	尺寸 Size							齿数 Teeth	适用刀片 Applicable inserts	扳手 Wrench	螺钉 Screw
		ØD	ØD1	Ød	H	W	ap	T				
	EXN03R-040-A16-6T	40	33.6	16	40	8.4	1	5.5	6	LNMU0303ZER	T08	M2.5X6.5
	EXN03R-050-A22-8T	50	43.6	22	50	10.4	1	6.3	8			
	EXN03R-063-A22-9T	63	56.6	22	50	10.4	1	6.3	9			
	EXN03R-080-A27-10T	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	SD1325Z	SD1525Z	SD2136	SD2336	SD4326	SD4226	SD4236	SD5346	SD5236	SD5450	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

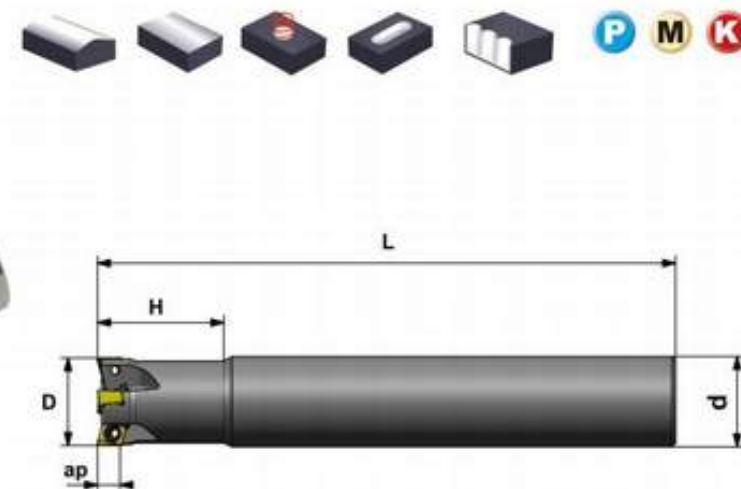


模具铣削刀具 | MOLD MILLING TOOLS

Indexable milling tools 可转位铣削刀具

大进给刀具 Kr:90°

TE90



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
4NKT060308	TL60M3X8	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					Adapter 接口 形式	Tooth 齿数
	Ød	ØD	L	H	ap		
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

铣削刀具 | MILLING TOOLS



可转位铣削刀具 Indexable milling tools

大进给刀具 Kr:90°

TE90



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
4NKT060308	TL60M2.5X6.5	T08

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

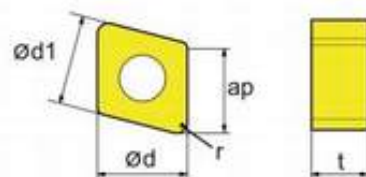
★ 刀具规格型号 Type of Milling Tools

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	基本尺寸(mm) Dimension									
	SD1525	SD2136	SD2336	SD4326	SD4226	SD5346	SD5236	SD5450	SD6440	SD5146
4NKT060308R	●	○	○							

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

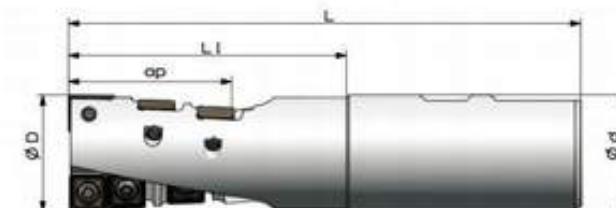
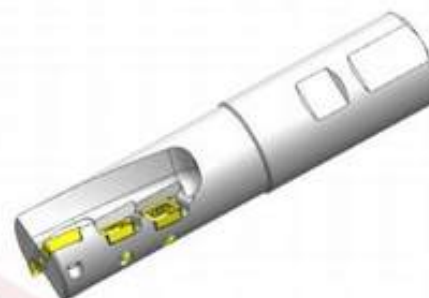


铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

螺旋立铣刀 Kr:90°

PH10



★ 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					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD	Ød	L	L1	ap			
PH01.12W40.040.02.E55	40	40	175	95	55	W	02	1.2
PH01.12W40.050.04.E55	50	40	175	95	55	W	04	1.5

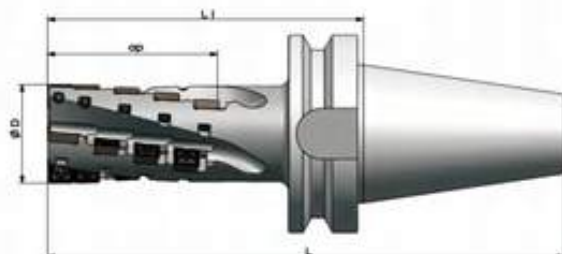
铣削刀具 | MILLING TOOLS



可转位铣削刀具 Indexable milling tools

螺旋立铣刀 Kr:90°

PH01



★ 刀具附件 Spare parts

底切刀片 Bottom Insert	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 Zscct 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	L	L1	Ød			
JT50	PH01.12JT50.050.04.084	50	246.75	145	84	JT50	4	4.8
	PH01.12JT50.063.04.074	63	236.75	135	74	JT50	4	5.5
	PH01.12JT50.063.04.104	63	266.75	165	104	JT50	4	6.0
	PH01.12JT50.063.04.134	63	296.75	195	134	JT50	4	6.3
	PH01.12JT50.080.04.104	80	266.75	165	104	JT50	4	7.0
	PH01.12JT50.080.04.144	80	306.75	205	144	JT50	4	7.2
BT50	PH01.12BT50.050.04.084	50	246.75	145	84	BT50	4	4.8
	PH01.12BT50.063.04.074	63	236.75	135	74	BT50	4	5.5
	PH01.12BT50.063.04.104	63	266.75	165	104	BT50	4	6.0
	PH01.12BT50.063.04.134	63	296.75	195	134	BT50	4	6.3
	PH01.12BT50.080.04.104	80	266.75	165	104	BT50	4	7.0
	PH01.12BT50.080.04.144	80	306.75	205	144	BT50	4	7.2

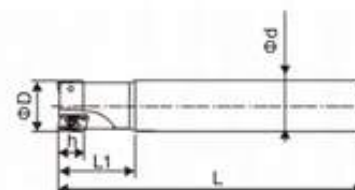


模具铣削刀具 | MOLD MILLING TOOLS

Indexable milling tools 可转位铣削刀具

BAP直角台阶铣刀

BAP right angel shouder end mill



标准品 Stocked Items	型号 CatNo	尺寸 Size						适用刀片 Applicable inserts	齿数 Teeth	扳手 Screw	螺钉 Pressure plate
		ØD	Ød	L	L1	L2	h				
BAP300R-10-130-C10-1T		10	10	130	30	-	9	APMT1135PDER	1	T08	M2.5X5
BAP300R-11-130-C10-1T		11	10	130	30	-	9	APMT1135PDER	1	T08	M2.5X5
BAP300R-12-130-C12-1T		12	12	130	30	-	9	APMT1135PDER	1	T08	M2.5X5
BAP300R-13-130-C12-1T		13	12	130	30	-	9	APMT1135PDER	1	T08	M2.5X5
BAP300R-16-130-C16-2T		16	16	130	40	-	9	APMT1135PDER	2	T08	M2.5X5
BAP300R-16-160-C16-2T		16	16	160	40	-	9	APMT1135PDER	2	T08	M2.5X5
BAP300R-16-200-C16-2T		16	16	200	40	100	9	APMT1135PDER	2	T08	M2.5X5
BAP300R-17-160-C16-2T		17	16	160	40	-	9	APMT1135PDER	2	T08	M2.5X5
BAP300R-17-200-C16-2T		17	16	200	40	-	9	APMT1135PDER	2	T08	M2.5X5
BAP300R-20-130-C20-2T		20	20	130	40	-	9	APMT1135PDER	2	T08	M2.5X5
BAP300R-20-160-C20-2T		20	20	160	50	-	9	APMT1135PDER	2	T08	M2.5X5
BAP300R-20-200-C20-2T		20	20	200	50	100	9	APMT1135PDER	2	T08	M2.5X5
BAP300R-21-160-C20-2T		21	20	160	50	-	9	APMT1135PDER	2	T08	M2.5X5
BAP300R-21-200-C20-2T		21	20	200	50	-	9	APMT1135PDER	2	T08	M2.5X5
BAP300R-25-160-C25-2T		25	25	160	50	-	9	APMT1135PDER	2	T08	M2.5X5
BAP300R-25-200-C25-2T		25	25	200	50	-	9	APMT1135PDER	2	T08	M2.5X5
BAP300R-26-160-C25-2T		26	25	160	50	-	9	APMT1135PDER	2	T08	M2.5X5
BAP300R-26-200-C25-2T		26	25	200	50	-	9	APMT1135PDER	2	T08	M2.5X5
BAP400R											
BAP400R-25-160-C25-2T		25	25	160	50	-	14	APMT1604PDER	2	T15	M4X8
BAP400R-25-200-C25-2T		25	25	200	75	-	14	APMT1604PDER	2	T15	M4X8
BAP400R-25-250-C25-2T		25	25	250	50	-	14	APMT1604PDER	2	T15	M4X8
BAP400R-26-160-C25-2T		26	25	160	40	-	14	APMT1604PDER	2	T15	M4X8
BAP400R-26-200-C25-2T		26	25	200	50	-	14	APMT1604PDER	2	T15	M4X8
BAP400R-26-250-C25-2T		26	25	250	50	-	14	APMT1604PDER	2	T15	M4X8
BAP400R-32-160-C25-2T		32	25	160	50	-	14	APMT1604PDER	2	T15	M4x8
BAP400R-32-200-C25-2T		32	25	200	50	-	14	APMT1604PDER	2	T15	M4x8
BAP400R-32-160-C32-3T		32	32	160	50	-	14	APMT1604PDER	3	T15	M4x8
BAP400R-32-200-C32-3T		32	32	200	80	-	14	APMT1604PDER	3	T15	M4x8
BAP400R-32-250-C32-3T		32	32	250	60	115	14	APMT1604PDER	3	T15	M4x8
BAP400R-32-300-C32-3T		32	32	300	60	165	14	APMT1604PDER	3	T15	M4x8
BAP400R-35-160-C32-3T		35	32	160	50	-	14	APMT1604PDER	3	T15	M4X8
BAP400R-35-200-C32-3T		35	32	200	60	-	14	APMT1604PDER	3	T15	M4X8
BAP400R-35-250-C32-3T		35	32	250	60	-	14	APMT1604PDER	3	T15	M4X8
BAP400R-35-300-C32-3T		35	32	300	60	-	14	APMT1604PDER	3	T15	M4X8
BAP400R-35-350-C32-3T		35	32	350	60	-	14	APMT1604PDER	3	T15	M4X8
BAP400R-35-400-C32-3T		35	32	400	60	-	14	APMT1604PDER	3	T15	M4X8
BAP400R-40-200-C32-3T		40	32	200	60	-	14	APMT1604PDER	3	T15	M4X8
BAP400R-40-250-C32-3T		40	32	250	60	-	14	APMT1604PDER	3	T15	M4X8
BAP400R-40-300-C32-3T		40	32	300	60	-	14	APMT1604PDER	3	T15	M4X8
BAP400R-40-350-C32-3T		40	32	350	60	-	14	APMT1604PDER	3	T15	M4X8
BAP400R-40-400-C32-3T		40	32	400	60	-	14	APMT1604PDER	3	T15	M4X8

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 Zscct brand

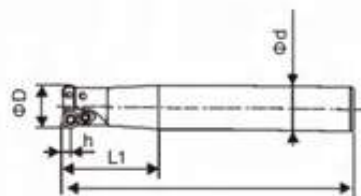
模具铣削刀具 | MOLD MILLING TOOLS



可转位铣削刀具 Indexable milling tools

EMR圆鼻立铣刀

EMR round dowel end mill



标准库品 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	L	L1	L2	h					
EMR-4R-12-130-C12-1T	12	12	130	40	-	4		RPMW0802 M0	1	T10	M3X7	-
EMR-4R-13-130-C12-1T	13	12	130	40	-	4		RPMW0802 M0	1	T10	M3X7	-
EMR-4R-16-130-C16-2T	16	16	130	40	-	4		RPMW0802 M0	2	T10	M3X7	WD-202
EMR-4R-16-160-C16-2T	16	16	160	40	-	4		RPMW0802 M0	2	T10	M3X7	WD-202
EMR-4R-16-200-C16-2T	16	16	200	40	100	4		RPMW0802 M0	2	T10	M3X7	WD-202
EMR-4R-17-160-C16-2T	17	16	160	40	-	4		RPMW0802 M0	2	T10	M3X7	WD-202
EMR-4R-17-200-C16-2T	17	16	200	50	-	4		RPMW0802 M0	2	T10	M3X7	WD-202
EMR-4R-20-160-C20-2T	20	20	160	50	-	4		RPMW0802 M0	2	T10	M3X7	WD-202
EMR-4R-20-200-C20-2T	20	20	200	50	100	4		RPMW0802 M0	2	T10	M3X7	WD-202
EMR-4R-21-160-C20-2T	21	20	160	50	-	4		RPMW0802 M0	2	T10	M3X7	WD-202
EMR-4R-21-200-C20-2T	21	20	200	50	-	4		RPMW0802 M0	2	T10	M3X7	WD-202
EMR-5R-20-160-C20-2T	20	20	160	50	-	5		RPMW1003 M0	2	T15	M4X10	WD-204
EMR-5R-20-200-C20-2T	20	20	200	50	100	5		RPMW1003 M0	2	T15	M4X10	WD-204
EMR-5R-21-160-C20-2T	21	20	160	50	-	5		RPMW1003 M0	2	T15	M4X10	WD-204
EMR-5R-21-200-C20-2T	21	20	200	50	-	5		RPMW1003 M0	2	T15	M4X10	WD-204
EMR-5R-25-160-C20-2T	25	20	160	50	-	5		RPMW1003 M0	2	T15	M4X10	WD-204
EMR-5R-25-160-C25-2T	25	25	160	50	-	5		RPMW1003 M0	2	T15	M4X10	WD-204
EMR-5R-25-200-C25-2T	25	25	200	75	-	5		RPMW1003 M0	2	T15	M4X10	WD-204
EMR-5R-25-250-C25-2T	25	25	250	60	115	5		RPMW1003 M0	2	T15	M4X10	WD-204
EMR-5R-30-160-C25-2T	30	25	160	50	-	5		RPMW1003 M0	2	T15	M4X10	WD-204
EMR-5R-30-200-C25-2T	30	25	200	50	-	5		RPMW1003 M0	2	T15	M4X10	WD-204
EMR-5R-30-250-C25-2T	30	25	250	60	-	5		RPMW1003 M0	2	T15	M4X10	WD-204
EMR-5R-30-300-C25-2T	30	25	300	60	-	5		RPMW1003 M0	2	T15	M4X10	WD-204
EMR-5R-35-160-C32-2T	35	32	160	50	-	5		RPMW1003 M0	2	T15	M4X10	WD-204
EMR-5R-35-200-C32-2T	35	32	200	50	-	5		RPMW1003 M0	2	T15	M4X10	WD-204
EMR-5R-35-160-C32-3T	35	32	160	50	-	5		RPMW1003 M0	3	T15	M4X10	WD-204
EMR-5R-35-200-C32-3T	35	32	200	50	-	5		RPMW1003 M0	3	T15	M4X10	WD-204
EMR-5R-35-250-C32-3T	35	32	250	60	-	5		RPMW1003 M0	3	T15	M4X10	WD-204
EMR-5R-35-300-C32-3T	35	32	300	60	-	5		RPMW1003 M0	3	T15	M4X10	WD-204
EMR-5R-35-350-C32-3T	35	32	350	60	-	5		RPMW1003 M0	3	T15	M4X10	WD-204
EMR-5R-40-200-C32-4T	40	32	200	50	-	5		RPMW1003 M0	4	T15	M4X10	WD-204
EMR-5R-40-250-C32-4T	40	32	250	60	-	5		RPMW1003 M0	4	T15	M4X10	WD-204
EMR-5R-40-300-C32-4T	40	32	300	60	-	5		RPMW1003 M0	4	T15	M4X10	WD-204
EMR-5R-40-350-C32-4T	40	32	350	60	-	5		RPMW1003 M0	4	T15	M4X10	WD-204

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, Zccct brand.

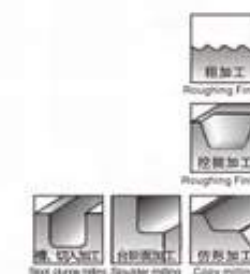
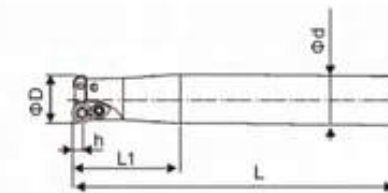
模具铣削刀具 | MOLD MILLING TOOLS



Indexable milling tools 可转位铣削刀具

EMRW圆鼻立铣刀

EMRW round dowel end mill

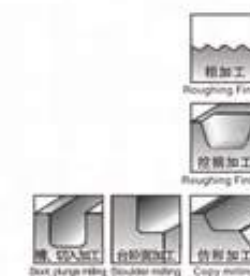
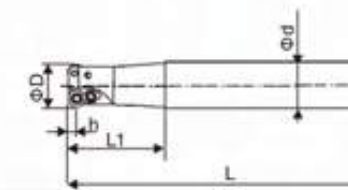


标准库品 Stocked Letms	型号 Cat.No	尺寸 Size						适用刀片 Applicable inserts	齿数 Teeth	扳手 Wrench	螺钉 Screw	压板 Pressure plate
		ϕD	ϕd	L	L1	L2	h					
EMRW-6R-32-160-C25-2T	32	25	160	50	-	6		RPMW/T1204 MO	2	T15	M4X10	WD-204
EMRW-6R-32-200-C25-2T	32	25	200	50	-	6		RPMW/T1204 MO	2	T15	M4X10	WD-204
EMRW-6R-32-250-C25-2T	32	25	250	60	-	6		RPMW/T1204 MO	2	T15	M4X10	WD-204
EMRW-6R-35-160-C32-3T	35	32	160	50	-	6		RPMW/T1204 MO	3	T15	M4X10	WD-204
EMRW-6R-35-200-C32-3T	35	32	200	50	-	6		RPMW/T1204 MO	3	T15	M4X10	WD-204
EMRW-6R-35-250-C32-3T	35	32	250	60	-	6		RPMW/T1204 MO	3	T15	M4X10	WD-204
EMRW-6R-35-300-C32-3T	35	32	300	60	-	6		RPMW/T1204 MO	3	T15	M4X10	WD-204
EMRW-6R-35-350-C32-3T	35	32	350	60	-	6		RPMW/T1204 MO	3	T15	M4X10	WD-204
EMRW-6R-40-200-C32-3T	40	32	200	50	-	6		RPMW/T1204 MO	3	T15	M4X10	WD-204
EMRW-6R-40-250-C32-3T	40	32	250	60	-	6		RPMW/T1204 MO	3	T15	M4X10	WD-204
EMRW-6R-40-300-C32-3T	40	32	300	60	-	6		RPMW/T1204 MO	3	T15	M4X10	WD-204
EMRW-6R-40-350-C32-3T	40	32	350	60	-	6		RPMW/T1204 MO	3	T15	M4X10	WD-204

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	L	L1	L2	h					
TRS-4R-12-130-C12-1T	12	12	130	40	-	4		RDMT0802MO	1	T08	M3X7	
TRS-4R-16-160-C16-2T	16	16	160	40	-	4		RDMT0802MO	2	T08	M3X7	WD-202
TRS-4R-20-160-C20-2T	20	20	160	50	-	4		RDMT0802MO	2	T08	M3X7	WD-202
TRS-4R-20-200-C20-2T	20	20	200	50	-	4		RDMT0802MO	2	T08	M3X7	WD-202
TRS-5R												
TRS-5R-25-160-C25-2T	25	25	160	50	-	5		RDMT10T3M0	2	T15	M4X10	WD-204
TRS-5R-25-200-C25-2T	25	25	200	75	-	5		RDMT10T3M0	2	T15	M4X10	WD-204
TRS-5R-30-160-C25-2T	30	25	160	40	-	5		RDMT10T3M0	2	T15	M4X10	WD-204
TRS-5R-30-200-C25-2T	30	25	200	50	-	5		RDMT10T3M0	2	T15	M4X10	WD-204
TRS-5R-30-250-C25-2T	30	25	300	60	-	5		RDMT10T3M0	2	T15	M4X10	WD-204
TRS-5R-35-160-C32-3T	35	32	160	50	-	5		RDMT10T3M0	3	T15	M4X10	WD-204
TRS-5R-35-200-C32-3T	35	32	200	50	-	5		RDMT10T3M0	3	T15	M4X10	WD-204
TRS-5R-35-250-C32-3T	35	32	250	60	-	5		RDMT10T3M0	3	T15	M4X10	WD-204

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

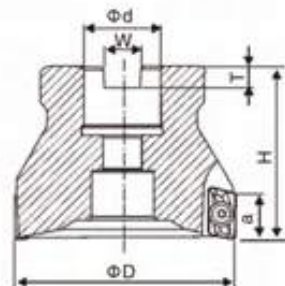
模具铣削刀具 | MOLD MILLING TOOLS



可转位铣削刀具 Indexable milling tools

BAP 直角台肩壳铣刀

BAP right angle shoulder face mill

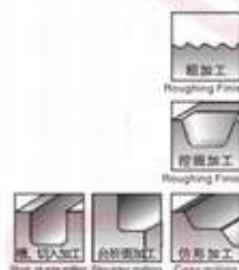
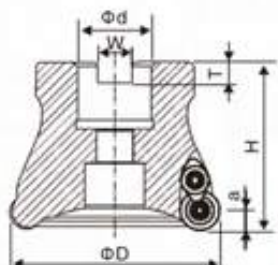


标准备库品 Stocked Letrms	型号 Cat.No	尺寸 Size						通用刀片 Applicable inserts	齿数 Teeth	扳手 Wrench	螺钉 Screw	压板 Pressure plate
		ΦD	Φd	H	W	T	a					
	BAP400R-50-22-4T	50	22	50	10.4	6.3	14	APMT1604PDER	4	T15	M4X10	-
	BAP400R-63-22-4T	63	22	50	10.4	6.3	14	APMT1604PDER	4	T15	M4X10	-
	BAP400R-63-22-5T	63	22	50	10.4	6.3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

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 圆鼻壳形铣刀

EMR round dowel face mill



标准备库品 Stocked Letrms	型号 Cat.No	尺寸 Size						通用刀片 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	M4X10	WD-204
	EMR-5R-63-22-4T	63	22	50	10.4	6.3	5	RPMW1003M0	4	T15	M4X10	WD-204
	EMR-5R-63-22-5T	63	22	50	10.4	6.3	5	RPMW1003M0	5	T15	M4X10	WD-204
	EMR-5R-80-27-6T	80	27	50	12.4	7	5	RPMW1003M0	6	T15	M4X10	WD-204
	EMR-5R-100-32-6T	100	32	50	14.4	7	5	RPMW1003M0	6	T15	M4X10	WD-204

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

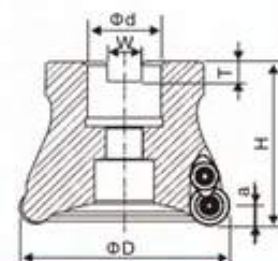


模具铣削刀具 | MOLD MILLING TOOLS

Indexable milling tools 可转位铣削刀具

EMRW 圆鼻壳形铣刀

EMRW round dowel face mill

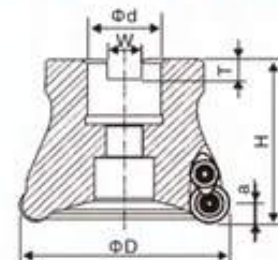


标准备库品 Stocked Letrms	型号 Cat.No	尺寸 Size						通用刀片 Applicable inserts	齿数 Teeth	扳手 Wrench	螺钉 Screw	压板 Pressure plate
		ΦD	Φd	H	W	T	a					
	EMRW-6R-50-22-4T	50	22	50	10.4	6.3	6	RPMW/T1204M0	4	T15	M4X10	WD-204
	EMRW-6R-63-22-4T	63	22	50	10.4	6.3	6	RPMW/T1204M0	4	T15	M4X10	WD-204
	EMRW-6R-63-22-5T	63	22	50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

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

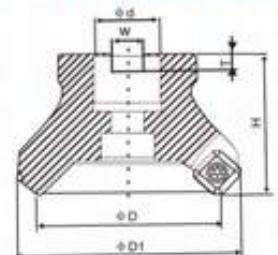


标准备库品 Stocked Letrms	型号 Cat.No	尺寸 Size						通用刀片 Applicable inserts	齿数 Teeth	扳手 Wrench	螺钉 Screw	压板 Pressure plate
		ΦD	Φd	H	W	T	a					
	TRS-5R-50-22-4T	50	22	50	10.4	6.3	5	RDMT10T3MO	4	T15	M4X10	WD-204
	TRS-5R-63-22-4T	63	22	50	10.4	6.3	5	RDMT10T3MO	4	T15	M4X10	WD-204
	TRS-6R-50-22-4T	50	22	50	10.4	6.3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

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 Letrms	型号 Cat.No	尺寸 Size						通用刀片 Applicable inserts	齿数 Teeth	扳手 Wrench	螺钉 Screw	压板 Pressure plate
		ΦD	Φd	H	W	T	$\Phi D1$					
	KM12-50-22-4T	50	22	50	10.4	6.3	64	SEKT1204□□	4	T20	M5X11	
	KM12-63-22-4T	63	22	50	10.4	6.3	77	SEKT1204□□	4	T20	M5X11	
	KM12-80-27-5T	80	27	50	12.4	7	94	SEKT1204□□	5	T20	M5X11	
	KM12-100-32-5T	100	32	50	14.4	8	114	SEKT1204□□	5	T20	M5X11	

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.

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，钻削效率更佳。

5. The new type of double helix internal cooling hole, cooling and lubricating are much better, and can drilling deeper.

★ 可转位浅孔钻型号表示规则 Indexable U Drill



钻削刀具 | DRILLING TOOLS



孔加工刀具 Hole-machining Tools

★ 可转位浅孔钻头命名规则 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	3°	B	5°
C	7°	D	15°
E	20°	F	25°
G	30°	N	0°
P	11°	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



钻削刀具 | DRILLING TOOLS

孔加工刀具 Hole-machining Tools

代号	刃长	
	W	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

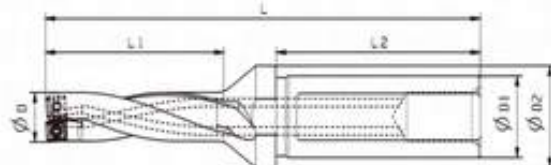
08 04 12 R - DM

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

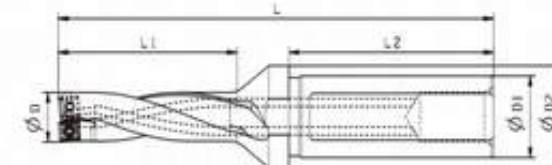
可转位浅孔钻 UD20



★ 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	L60M2×4.3	T06
UD20.SP05.130.W20	13.0	20	25	50	26	94		L60M2×4.3	T06
UD20.SP05.135.W20	13.5	20	25	50	28	96		L60M2×4.3	T06
UD20.SP05.140.W20	14.0	20	25	50	28	96		L60M2×4.3	T06
UD20.SP05.145.W20	14.5	20	25	50	30	99		L60M2×4.3	T06
UD20.SP05.150.W20	15.0	20	25	50	30	99		L60M2×4.3	T06
UD20.SP06.155.W25	15.5	25	32	56	32	108	SP□□060204	L60M2.2×5.5	T07
UD20.SP06.160.W25	16.0	25	32	56	32	108		L60M2.2×5.5	T07
UD20.SP06.165.W25	16.5	25	32	56	34	110		L60M2.2×5.5	T07
UD20.SP06.170.W25	17.0	25	32	56	34	110		L60M2.2×5.5	T07
UD20.SP06.175.W25	17.5	25	32	56	36	113		L60M2.2×5.5	T07
UD20.SP06.180.W25	18.0	25	32	56	36	113		L60M2.2×5.5	T07
UD20.SP06.185.W25	18.5	25	32	56	38	115		L60M2.2×5.5	T07
UD20.SP06.190.W25	19.0	25	32	56	38	115		L60M2.2×5.5	T07
UD20.SP06.195.W25	19.5	25	32	56	40	119		L60M2.2×5.5	T07
UD20.SP06.200.W25	20.0	25	32	56	40	119		L60M2.2×5.5	T07
UD20.SP06.205.W25	20.5	25	32	56	42	121		L60M2.2×5.5	T07
UD20.SP06.210.W25	21.0	25	32	56	42	121		L60M2.2×5.5	T07
UD20.SP06.215.W25	21.5	25	32	56	44	123	SP□□07T308	L60M2.5×6.5	T08
UD20.SP07.220.W25	22.0	25	32	56	44	123		L60M2.5×6.5	T08
UD20.SP07.225.W25	22.5	25	45	56	46	127		L60M2.5×6.5	T08
UD20.SP07.225.W32	22.5	32	45	60	46	131		L60M2.5×6.5	T08
UD20.SP07.230.W25	23.0	25	45	56	46	127		L60M2.5×6.5	T08
UD20.SP07.230.W32	23.0	32	45	60	46	131		L60M2.5×6.5	T08
UD20.SP07.235.W25	23.5	25	45	56	48	130		L60M2.5×6.5	T08
UD20.SP07.235.W32	23.5	32	45	60	48	134		L60M2.5×6.5	T08
UD20.SP07.240.W25	24.0	25	45	56	48	130		L60M2.5×6.5	T08
UD20.SP07.240.W32	24.0	32	45	60	48	134		L60M2.5×6.5	T08
UD20.SP07.245.W25	24.5	25	45	56	50	133		L60M2.5×6.5	T08
UD20.SP07.245.W32	24.5	32	45	60	50	137		L60M2.5×6.5	T08
UD20.SP07.250.W25	25.0	25	45	56	50	133	SP□□090408	L60M3.5×8	T10
UD20.SP07.250.W32	25.0	32	45	60	50	137		L60M3.5×8	T10
UD20.SP07.255.W25	25.5	25	45	56	52	135		L60M3.5×8	T10
UD20.SP07.255.W32	25.5	32	45	60	52	139		L60M3.5×8	T10
UD20.SP07.260.W25	26.0	25	45	56	52	135		L60M3.5×8	T10
UD20.SP07.260.W32	26.0	32	45	60	52	139		L60M3.5×8	T10
UD20.SP07.265.W25	26.5	25	45	56	54	137		L60M3.5×8	T10
UD20.SP07.265.W32	26.5	32	45	60	54	141		L60M3.5×8	T10
UD20.SP07.270.W25	27.0	25	45	56	54	137		L60M3.5×8	T10
UD20.SP07.270.W32	27.0	32	45	60	54	141		L60M3.5×8	T10
UD20.SP07.275.W25	27.5	25	45	56	56	140		L60M3.5×8	T10
UD20.SP07.275.W32	27.5	32	45	60	56	144		L60M3.5×8	T10
UD20.SP09.280.W25	28.0	25	45	56	56	140	SP□□090408	L60M3.5×8	T10
UD20.SP09.280.W32	28.0	32	45	60	56	144		L60M3.5×8	T10
UD20.SP09.285.W25	28.5	25	45	56	58	142		L60M3.5×8	T10

可转位浅孔钻 UD20

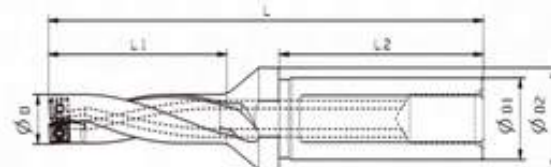


★ 刀具附件 Spare parts

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	L60M3.5×8	T10
UD20.SP09.290.W25	29.0	25	45	56	58	142		L60M3.5×8	T10
UD20.SP09.290.W32	29.0	32	45	60	58	146		L60M3.5×8	T10
UD20.SP09.295.W32	29.5	32	55	60	60	151		L60M3.5×8	T10
UD20.SP09.295.W40	29.5	40	55	70	60	161		L60M3.5×8	T10
UD20.SP09.300.W32	30.0	32	55	60	60	151		L60M3.5×8	T10
UD20.SP09.300.W40	30.0	40	55	70	60	161		L60M3.5×8	T10
UD20.SP09.305.W32	30.5	32	55	60	62	154		L60M3.5×8	T10
UD20.SP09.305.W40	30.5	40	55	70	62	164		L60M3.5×8	T10
UD20.SP09.310.W32	31.0	32	55	60	62	154		L60M3.5×8	T10
UD20.SP09.310.W40	31.0	40	55	70	62	164		L60M3.5×8	T10
UD20.SP09.315.W32	31.5	32	55	60	64	156	SP□□110408	L60M3.5×8	T10
UD20.SP09.315.W40	31.5	40	55	70	64	166		L60M3.5×8	T10
UD20.SP09.320.W32	32.0	32	55	60	64	156		L60M3.5×8	T10
UD20.SP09.320.W40	32.0	40	55	70	64	166		L60M3.5×8	T10
UD20.SP09.325.W32	32.5	32	55	60	66	159		L60M3.5×8	T10
UD20.SP09.325.W40	32.5	40	55	70	66	169		L60M3.5×8	T10
UD20.SP09.330.W32	33.0	32	55	60	66	159		L60M3.5×8	T10
UD20.SP09.330.W40	33.0	40	55	70	66	169		L60M3.5×8	T10
UD20.SP11.340.W32	34.0	32	55	60	68	161		L60M4×10	T15
UD20.SP11.340.W40	34.0	40	55	70	68	171		L60M4×10	T15
UD20.SP11.350.W32	35.0	32	55	60	70	164	SP□□140512	L60M4×10	T15
UD20.SP11.350.W40	35.0	40	55	70	70	174		L60M4×10	T15
UD20.SP11.360.W32	36.0	32	55	60	72	167		L60M4×10	T15
UD20.SP11.360.W40	36.0	40	55	70	72	177		L60M4×10	T15
UD20.SP11.370.W32	37.0	32	55	60	74	170		L60M4×10	T15
UD20.SP11.370.W40	37.0	40	55	70	74	180		L60M4×10	T15
UD20.SP11.380.W32	38.0	32	55	60	76	173		L60M4×10	T15
UD20.SP11.380.W40	38.0	40	55	70	76	183		L60M4×10	T15
UD20.SP11.390.W32	39.0	32	55	60	78	175		L60M4×10	T15
UD20.SP11.390.W40	39.0	40	55	70	78	185		L60M4×10	T15
UD20.SP11.400.W32	40.0	32	60	60	80	178		L60M5×13	T20
UD20.SP11.400.W40	40.0	40	60	70	80	188		L60M5×13	T20
UD20.SP11.410.W40	41.0	40	60	70	82	191	SP□□140512	L60M5×13	T20
UD20.SP14.420.W40	42.0	40	60	70	84	193		L60M5×13	T20
UD20.SP14.430.W40	43.0	40	60	70	86	196		L60M5×13	T20
UD20.SP14.440.W40	44.0	40	60	70	88	198		L60M5×13	T20
UD20.SP14.450.W40	45.0	40	60	70	90	202		L60M5×13	T20
UD20.SP14.460.W40	46.0	40	60	70	92	205		L60M5×13	T20
UD20.SP14.470.W40	47.0	40	60	70	94	207		L60M5×13	T20
UD20.SP14.480.W40	48.0	40	60	70	96	210		L60M5×13	T20
UD20.SP14.490.W40	49.0	40	60	70	98	212		L60M5×13	T20
UD20.SP14.500.W40	50.0	40	60	70	100	215		L60M5×13	T20

可转位浅孔钻

UD30

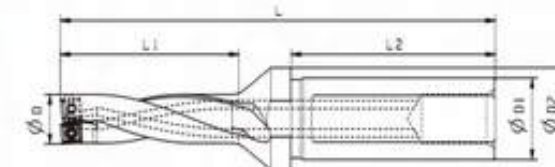


★ 刀具附件 Spare parts

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	L60M2×4.3	T06
UD30.SP05.130.W20	13.0	20	25	50	39	107		L60M2×4.3	T06
UD30.SP05.135.W20	13.5	20	25	50	42	110		L60M2×4.3	T06
UD30.SP05.140.W20	14.0	20	25	50	42	110		L60M2×4.3	T06
UD30.SP05.145.W20	14.5	20	25	50	45	114		L60M2×4.3	T06
UD30.SP05.150.W20	15.0	20	25	50	45	114		L60M2×4.3	T06
UD30.SP06.155.W25	15.5	25	32	56	48	124	SP□□060204	L60M2.2×5.5	T07
UD30.SP06.160.W25	16.0	25	32	56	48	124		L60M2.2×5.5	T07
UD30.SP06.165.W25	16.5	25	32	56	51	127		L60M2.2×5.5	T07
UD30.SP06.170.W25	17.0	25	32	56	51	127		L60M2.2×5.5	T07
UD30.SP06.175.W25	17.5	25	32	56	54	131		L60M2.2×5.5	T07
UD30.SP06.180.W25	18.0	25	32	56	54	131		L60M2.2×5.5	T07
UD30.SP06.185.W25	18.5	25	32	56	57	134		L60M2.2×5.5	T07
UD30.SP06.190.W25	19.0	25	32	56	57	134		L60M2.2×5.5	T07
UD30.SP06.195.W25	19.5	25	32	56	60	139		L60M2.2×5.5	T07
UD30.SP06.200.W25	20.0	25	32	56	60	139		L60M2.2×5.5	T07
UD30.SP06.205.W25	20.5	25	32	56	63	142		L60M2.2×5.5	T07
UD30.SP06.209.W25	20.9	25	32	56	63	142		L60M2.2×5.5	T07
UD30.SP06.210.W25	21.0	25	32	56	63	142		L60M2.2×5.5	T07
UD30.SP06.215.W25	21.5	25	32	56	66	145		L60M2.2×5.5	T07
UD30.SP07.220.W25	22.0	25	32	56	66	145		L60M2.5×6.5	T08
UD30.SP07.225.W25	22.5	25	45	56	69	150		L60M2.5×6.5	T08
UD30.SP07.225.W32	22.5	32	45	60	69	154		L60M2.5×6.5	T08
UD30.SP07.230.W25	23.0	25	45	56	69	150		L60M2.5×6.5	T08
UD30.SP07.230.W32	23.0	32	45	60	69	154		L60M2.5×6.5	T08
UD30.SP07.235.W25	23.5	25	45	56	72	154	SP□□07T308	L60M2.5×6.5	T08
UD30.SP07.235.W32	23.5	32	45	60	72	158		L60M2.5×6.5	T08
UD30.SP07.239.W25	23.9	25	32	56	72	154		L60M2.5×6.5	T08
UD30.SP07.239.W32	23.9	32	45	60	72	158		L60M2.5×6.5	T08
UD30.SP07.240.W25	24.0	25	45	56	72	154		L60M2.5×6.5	T08
UD30.SP07.240.W32	24.0	32	45	60	72	158		L60M2.5×6.5	T08
UD30.SP07.245.W25	24.5	25	45	56	75	158		L60M2.5×6.5	T08
UD30.SP07.245.W32	24.5	32	45	60	75	162		L60M2.5×6.5	T08
UD30.SP07.250.W25	25.0	25	45	56	75	158		L60M2.5×6.5	T08
UD30.SP07.250.W32	25.0	32	45	60	75	162		L60M2.5×6.5	T08
UD30.SP07.255.W25	25.5	25	45	56	78	161		L60M2.5×6.5	T08
UD30.SP07.255.W32	25.5	32	45	60	78	165		L60M2.5×6.5	T08
UD30.SP07.260.W25	26.0	25	45	56	78	161		L60M2.5×6.5	T08
UD30.SP07.260.W32	26.0	32	45	60	78	165		L60M2.5×6.5	T08
UD30.SP07.264.W25	26.4	25	45	56	81	164		L60M2.5×6.5	T08
UD30.SP07.264.W32	26.4	32	45	60	81	168		L60M2.5×6.5	T08
UD30.SP07.265.W25	26.5	25	45	56	81	164		L60M2.5×6.5	T08
UD30.SP07.265.W32	26.5	32	45	60	81	168		L60M2.5×6.5	T08
UD30.SP07.270.W25	27.0	25	45	56	81	164		L60M2.5×6.5	T08
UD30.SP07.270.W32	27.0	32	45	60	81	168		L60M2.5×6.5	T08
UD30.SP07.275.W25	27.5	25	45	56	84	168		L60M2.5×6.5	T08
UD30.SP07.275.W32	27.5	32	45	60	84	172		L60M2.5×6.5	T08

可转位浅孔钻

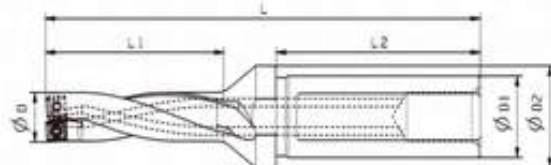
UD30



★ 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.SP09.280.W25	28.0	25	45	56	84	168	SP□□090408	L60M3.5×8	T10
UD30.SP09.280.W32	28.0	32	45	60	84	172		L60M3.5×8	T10
UD30.SP09.285.W25	28.5	25	45	56	87	171		L60M3.5×8	T10
UD30.SP09.285.W32	28.5	32	45	56	87	171		L60M3.5×8	T10
UD30.SP09.290.W25	29.0	25	45	56	87	171		L60M3.5×8	T10
UD30.SP09.290.W32	29.0	32	45	60	87	175		L60M3.5×8	T10
UD30.SP09.294.W32	29.4	32	55	60	90	181		L60M3.5×8	T10
UD30.SP09.294.W40	29.4	40	55	70	90	191		L60M3.5×8	T10
UD30.SP09.295.W32	29.5	32	55	60	90	181		L60M3.5×8	T10
UD30.SP09.295.W40	29.5	40	55	70	90	191		L60M3.5×8	T10
UD30.SP09.300.W32	30.0	32	55	60	90	181		L60M3.5×8	T10
UD30.SP09.300.W40	30.0	40	55	70	90	191		L60M3.5×8	T10
UD30.SP09.305.W32	30.5	32	55	60	93	185		L60M3.5×8	T10
UD30.SP09.305.W40	30.5	40	55	70	93	195		L60M3.5×8	T10
UD30.SP09.310.W32	31.0	32	55	60	93	185		L60M3.5×8	T10
UD30.SP09.310.W40	31.0	40	55	70	93	195		L60M3.5×8	T10
UD30.SP09.315.W32	31.5	32	55	60	96	188		L60M3.5×8	T10
UD30.SP09.315.W40	31.5	40	55	70	96	198		L60M3.5×8	T10
UD30.SP09.320.W32	32.0	32	55	60	96	188	SP□□110408	L60M3.5×8	T10
UD30.SP09.320.W40	32.0	40	55	70	96	198		L60M3.5×8	T10
UD30.SP09.325.W32	32.5	32	55	60	99	192		L60M3.5×8	T10
UD30.SP09.325.W40	32.5	40	55	70	99	202		L60M3.5×8	T10
UD30.SP09.330.W32	33.0	32	55	60	99	192		L60M3.5×8	T10
UD30.SP09.330.W40	33.0	40	55	70	99	202		L60M3.5×8	T10
UD30.SP11.340.W32	34.0	32	55	60	102	195		L60M4×10	T15
UD30.SP11.340.W40	34.0	40	55	70	102	205		L60M4×10	T15
UD30.SP11.350.W32	35.0	32	55	60	105	199		L60M4×10	T15
UD30.SP11.350.W40	35.0	40	55	70	105	209		L60M4×10	T15
UD30.SP11.360.W32	36.0	32	55	60	108	203		L60M4×10	T15
UD30.SP11.360.W40	36.0	40	55	70	108	213		L60M4×10	T15
UD30.SP11.370.W32	37.0	32	55	60	111	207		L60M4×10	T15
UD30.SP11.370.W40	37.0	40	55	70	111	217		L60M4×10	T15
UD30.SP11.375.W32	37.5	32	55	60	114	211		L60M4×10	T15
UD30.SP11.375.W40	37.5	40	55	70	114	221		L60M4×10	T15
UD30.SP11.380.W32	38.0	32	55	60	114	211		L60M4×10	T15
UD30.SP11.380.W40	38.0	40	55	70	114	221	SP□□140512	L60M4×10	T15
UD30.SP11.390.W32	39.0	32	55	60	117	214		L60M4×10	T15
UD30.SP11.390.W40	39.0	40	55	70	117	224		L60M4×10	T15
UD30.SP11.400.W32	40.0	32	60	60	120	218		L60M4×10	T15
UD30.SP11.400.W40	40.0	40	60	70	120	228		L60M4×10	T15
UD30.SP11.405.W40	40.5	40	60	70	123	232		L60M4×10	T15
UD30.SP11.410.W40	41.0	40	60	70	123	232		L60M4×10	T15
UD30.SP14.420.W40	42.0	40	60	70	126	235		L60M5×13	T20
UD30.SP14.430.W40	43.0	40	60	70	129	239		L60M5×13	T20
UD30.SP14.440.W40	44.0	40	60	70	132	242		L60M5×13	T20
UD30.SP14.450.W40	45.0	40	60	70	135	247		L60M5×13	T20
UD30.SP14.460.W40	46.0	40	60	70	138	251		L60M5×13	T20
UD30.SP14.470.W40	47.0	40	60	70	141	254		L60M5×13	T20
UD30.SP14.480.W40	48.0	40	60	70	144	258		L60M5×13	T20
UD30.SP14.490.W40	49.0	40	60	70	147	261		L60M5×13	T20
UD30.SP14.500.W40	50.0	40	60	70	150	265		L60M5×13	T20

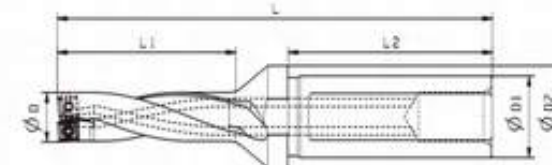
可转位浅孔钻 UD40



★ 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	L60M2×4.3	T06
UD40.SP05.130.W20	13.0	20	25	50	52	120		L60M2×4.3	T06
UD40.SP05.135.W20	13.5	20	25	50	56	124		L60M2×4.3	T06
UD40.SP05.140.W20	14.0	20	25	50	56	124		L60M2×4.3	T06
UD40.SP05.145.W20	14.5	20	25	50	60	129		L60M2×4.3	T06
UD40.SP05.150.W20	15.0	20	25	50	60	129		L60M2×4.3	T06
UD40.SP06.155.W25	15.5	25	32	56	64	140	SP□□060204	L60M2.2×5.5	T07
UD40.SP06.160.W25	16.0	25	32	56	64	140		L60M2.2×5.5	T07
UD40.SP06.165.W25	16.5	25	32	56	68	144		L60M2.2×5.5	T07
UD40.SP06.170.W25	17.0	25	32	56	68	144		L60M2.2×5.5	T07
UD40.SP06.175.W25	17.5	25	32	56	72	149		L60M2.2×5.5	T07
UD40.SP06.180.W25	18.0	25	32	56	72	149		L60M2.2×5.5	T07
UD40.SP06.185.W25	18.5	25	32	56	76	153		L60M2.2×5.5	T07
UD40.SP06.190.W25	19.0	25	32	56	76	153		L60M2.2×5.5	T07
UD40.SP06.195.W25	19.5	25	32	56	80	159		L60M2.2×5.5	T07
UD40.SP06.200.W25	20.0	25	32	56	80	159		L60M2.2×5.5	T07
UD40.SP06.205.W25	20.5	25	32	56	84	163		L60M2.2×5.5	T07
UD40.SP06.210.W25	21.0	25	32	56	84	163		L60M2.2×5.5	T07
UD40.SP06.215.W25	21.5	25	32	56	88	167	SP□□07T308	L60M2.2×5.5	T07
UD40.SP07.220.W25	22.0	25	32	56	88	167		L60M2.5×6.5	T08
UD40.SP07.225.W25	22.5	25	45	56	92	173		L60M2.5×6.5	T08
UD40.SP07.225.W32	22.5	32	45	60	92	177		L60M2.5×6.5	T08
UD40.SP07.230.W25	23.0	25	45	56	92	173		L60M2.5×6.5	T08
UD40.SP07.230.W32	23.0	32	45	60	92	177		L60M2.5×6.5	T08
UD40.SP07.235.W25	23.5	25	45	56	96	178		L60M2.5×6.5	T08
UD40.SP07.235.W32	23.5	32	45	60	96	182		L60M2.5×6.5	T08
UD40.SP07.240.W25	24.0	25	45	56	96	178		L60M2.5×6.5	T08
UD40.SP07.240.W32	24.0	32	45	60	96	182		L60M2.5×6.5	T08
UD40.SP07.245.W25	24.5	25	45	56	100	183		L60M2.5×6.5	T08
UD40.SP07.245.W32	24.5	32	45	60	100	187		L60M2.5×6.5	T08
UD40.SP07.250.W25	25.0	25	45	56	100	183	SP□□090408	L60M2.5×6.5	T08
UD40.SP07.250.W32	25.0	32	45	60	100	187		L60M2.5×6.5	T08
UD40.SP07.255.W25	25.5	25	45	56	104	187		L60M2.5×6.5	T08
UD40.SP07.255.W32	25.5	32	45	60	104	191		L60M2.5×6.5	T08
UD40.SP07.260.W25	26.0	25	45	56	104	187		L60M2.5×6.5	T08
UD40.SP07.260.W32	26.0	32	45	60	104	191		L60M2.5×6.5	T08
UD40.SP07.265.W25	26.5	25	45	56	108	191		L60M2.5×6.5	T08
UD40.SP07.265.W32	26.5	32	45	60	108	195		L60M2.5×6.5	T08
UD40.SP07.270.W25	27.0	25	45	56	108	191		L60M2.5×6.5	T08
UD40.SP07.270.W32	27.0	32	45	60	108	195		L60M2.5×6.5	T08
UD40.SP07.275.W25	27.5	25	45	56	112	196		L60M2.5×6.5	T08
UD40.SP07.275.W32	27.5	32	45	60	112	200		L60M2.5×6.5	T08
UD40.SP09.280.W25	28.0	25	45	56	112	196	SP□□140512	L60M3.5×8	T10
UD40.SP09.280.W32	28.0	32	45	60	112	200		L60M3.5×8	T10
UD40.SP09.285.W25	28.5	25	45	56	116	200		L60M3.5×8	T10

可转位浅孔钻 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.SP09.285.W32	28.5	32	45	60	116	204	SP□□090408	L60M3.5×8	T10
UD40.SP09.290.W25	29.0	25	45	56	116	200		L60M3.5×8	T10
UD40.SP09.290.W32	29.0	32	45	60	116	204		L60M3.5×8	T10
UD40.SP09.295.W32	29.5	32	55	60	120	211		L60M3.5×8	T10
UD40.SP09.295.W40	29.5	40	55	70	120	221		L60M3.5×8	T10
UD40.SP09.300.W32	30.0	32	55	60	120	211		L60M3.5×8	T10
UD40.SP09.300.W40	30.0	40	55	70	120	221		L60M3.5×8	T10
UD40.SP09.305.W32	30.5	32	55	60	124	216		L60M3.5×8	T10
UD40.SP09.305.W40	30.5	40	55	70	124	226		L60M3.5×8	T10
UD40.SP09.310.W32	31.0	32	55	60	124	216		L60M3.5×8	T10
UD40.SP09.310.W40	31.0	40	55	70	124	226		L60M3.5×8	T10
UD40.SP09.315.W32	31.5	32	55	60	128	220	SP□□110408	L60M3.5×8	T10
UD40.SP09.315.W40	31.5	40	55	70	128	230		L60M3.5×8	T10
UD40.SP09.320.W32	32.0	32	55	60	128	220		L60M3.5×8	T10
UD40.SP09.320.W40	32.0	40	55	70	128	230		L60M3.5×8	T10
UD40.SP09.325.W32	32.5	32	55	60	132	225		L60M3.5×8	T10
UD40.SP09.325.W40	32.5	40	55	70	132	235		L60M3.5×8	T10
UD40.SP09.330.W32	33.0	32	55	60	132	225		L60M3.5×8	T10
UD40.SP09.330.W40	33.0	40	55	70	132	235		L60M3.5×8	T10
UD40.SP11.340.W32	34.0	32	55	60	136	229		L60M4×10	T15
UD40.SP11.340.W40	34.0	40	55	70	136	239		L60M4×10	T15
UD40.SP11.350.W32	35.0	32	55	60	140	234	SP□□140512	L60M4×10	T15
UD40.SP11.350.W40	35.0	40	55	70	140	244		L60M4×10	T15
UD40.SP11.360.W32	36.0	32	55	60	144	239		L60M4×10	T15
UD40.SP11.360.W40	36.0	40	55	70	144	249		L60M4×10	T15
UD40.SP11.370.W32	37.0	32	55	60	148	244		L60M4×10	T15
UD40.SP11.370.W40	37.0	40	55	70	148	254		L60M4×10	T15
UD40.SP11.380.W32	38.0	32	55	60	152	249		L60M4×10	T15
UD40.SP11.380.W40	38.0	40	55	70	152	259		L60M4×10	T15
UD40.SP11.390.W32	39.0	32	55	60	156	253		L60M4×10	T15
UD40.SP11.390.W40	39.0	40	55	70	156	263		L60M4×10	T15
UD40.SP11.400.W32	40.0	32	60	60	160	258		L60M4×10	T15
UD40.SP11.400.W40	40.0	40	60	70	160	268		L60M4×10	T15
UD40.SP11.410.W40	41.0	40	60	70	164	273	SP□□140512	L60M5×13	T20
UD40.SP14.420.W40	42.0	40	60	70	168	277		L60M5×13	T20
UD40.SP14.430.W40	43.0	40	60	70	172	282		L60M5×13	T20
UD40.SP14.440.W40	44.0	40	60	70	176	286		L60M5×13	T20
UD40.SP14.450.W40	45.0	40	60	70	180	292		L60M5×13	T20
UD40.SP14.460.W40	46.0	40	60	70	184	297		L60M5×13	T20
UD40.SP14.470.W40	47.0	40	60	70	188	301		L60M5×13	T20
UD40.SP14.480.W40	48.0	40	60	70	192	306		L60M5×13	T20
UD40.SP14.490.W40	49.0	40	60	70	196	310		L60M5×13	T20
UD40.SP14.500.W40	50.0	40	60	70	200	315		L60M5×13	T20

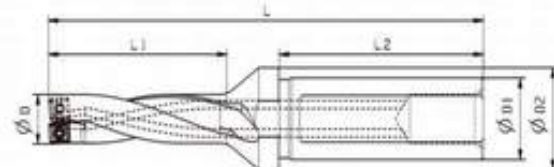
钻削刀具 | DRILLING TOOLS



孔加工刀具 Hole-machining Tools

可转位浅孔钻

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	L60M2×4.3	T06
UD50.SP05.130.W20	13.0	20	25	50	65	133		L60M2×4.3	T06
UD50.SP05.135.W20	13.5	20	25	50	70	138		L60M2×4.3	T06
UD50.SP05.140.W20	14.0	20	25	50	70	138		L60M2×4.3	T06
UD50.SP05.145.W20	14.5	20	25	50	75	144		L60M2×4.3	T06
UD50.SP05.150.W20	15.0	20	25	50	75	144		L60M2×4.3	T06
UD50.SP06.155.W25	15.5	25	32	56	80	156	SP□□060204	L60M2.2×5.5	T07
UD50.SP06.160.W25	16.0	25	32	56	80	156		L60M2.2×5.5	T07
UD50.SP06.165.W25	16.5	25	32	56	85	161		L60M2.2×5.5	T07
UD50.SP06.170.W25	17.0	25	32	56	85	161		L60M2.2×5.5	T07
UD50.SP06.175.W25	17.5	25	32	56	90	167		L60M2.2×5.5	T07
UD50.SP06.180.W25	18.0	25	32	56	90	167		L60M2.2×5.5	T07
UD50.SP06.185.W25	18.5	25	32	56	95	172		L60M2.2×5.5	T07
UD50.SP06.190.W25	19.0	25	32	56	95	172		L60M2.2×5.5	T07
UD50.SP06.195.W25	19.5	25	32	56	100	179		L60M2.2×5.5	T07
UD50.SP06.200.W25	20.0	25	32	56	100	179		L60M2.2×5.5	T07
UD50.SP06.205.W25	20.5	25	32	56	105	184		L60M2.2×5.5	T07
UD50.SP06.210.W25	21.0	25	32	56	105	184		L60M2.2×5.5	T07
UD50.SP06.215.W25	21.5	25	32	56	110	189	SP□□07T308	L60M2.2×5.5	T07
UD50.SP07.220.W25	22.0	25	32	56	110	189		L60M2.5×6.5	T08
UD50.SP07.225.W32	22.5	32	45	60	115	200		L60M2.5×6.5	T08
UD50.SP07.230.W32	23.0	32	45	60	115	200		L60M2.5×6.5	T08
UD50.SP07.235.W32	23.5	32	45	60	120	206		L60M2.5×6.5	T08
UD50.SP07.240.W32	24.0	32	45	60	120	206		L60M2.5×6.5	T08
UD50.SP07.245.W32	24.5	32	45	60	125	212		L60M2.5×6.5	T08
UD50.SP07.250.W32	25.0	32	45	60	125	212		L60M2.5×6.5	T08
UD50.SP07.255.W32	25.5	32	45	60	130	217		L60M2.5×6.5	T08
UD50.SP07.260.W32	26.0	32	45	60	130	217		L60M2.5×6.5	T08
UD50.SP07.265.W32	26.5	32	45	60	135	222		L60M2.5×6.5	T08
UD50.SP07.270.W32	27.0	32	45	60	135	222		L60M2.5×6.5	T08
UD50.SP07.275.W32	27.5	32	45	60	140	228	SP□□090408	L60M2.5×6.5	T08
UD50.SP09.280.W32	28.0	32	45	60	140	228		L60M3.5×8	T10
UD50.SP09.285.W32	28.5	32	45	60	145	233		L60M3.5×8	T10

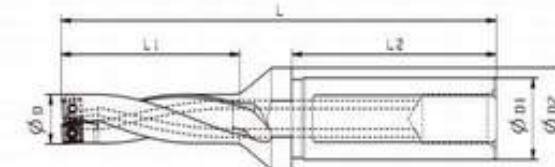


钻削刀具 | DRILLING TOOLS

孔加工刀具 Hole-machining Tools

可转位浅孔钻

UD50



★ 刀具附件 Spare parts

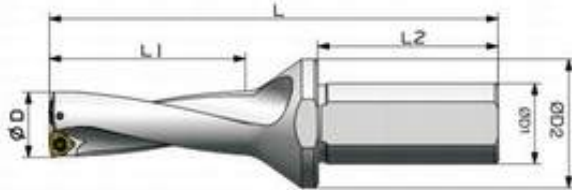
Type 型号	基本尺寸(mm) Dimension						Insert 刀片	备件	
	D	D1	D2	L2	L1	L		螺钉	扳手
UD50.SP09.290.W32	29.0	32	45	60	145	233	SP□□090408	L60M3.5X8	T10
UD50.SP09.295.W32	29.5	32	55	60	150	241		L60M3.5X8	T10
UD50.SP09.300.W32	30.0	32	55	60	150	241		L60M3.5X8	T10
UD50.SP09.300.W40	30.0	40	55	70	150	251		L60M3.5X8	T10
UD50.SP09.310.W32	31.0	32	55	60	155	247		L60M3.5X8	T10
UD50.SP09.310.W40	31.0	40	55	70	155	257		L60M3.5X8	T10
UD50.SP09.320.W32	32.0	32	55	60	160	252		L60M3.5X8	T10
UD50.SP09.320.W40	32.0	40	55	70	160	262		L60M3.5X8	T10
UD50.SP09.330.W32	33.0	32	55	60	165	258		L60M3.5X8	T10
UD50.SP09.330.W40	33.0	40	55	70	165	268		L60M3.5X8	T10
UD50.SP11.340.W32	34.0	32	55	60	170	263	SP□□110408	L60M4X10	T15
UD50.SP11.340.W40	34.0	40	55	70	170	273		L60M4X10	T15
UD50.SP11.350.W32	35.0	32	55	60	175	269		L60M4X10	T15
UD50.SP11.350.W40	35.0	40	55	70	175	279		L60M4X10	T15
UD50.SP11.360.W32	36.0	32	55	60	180	275		L60M4X10	T15
UD50.SP11.360.W40	36.0	40	55	70	180	285		L60M4X10	T15
UD50.SP11.370.W32	37.0	32	55	60	185	281		L60M4X10	T15
UD50.SP11.370.W40	37.0	40	55	70	185	291		L60M4X10	T15
UD50.SP11.380.W32	38.0	32	55	60	190	287		L60M4X10	T15
UD50.SP11.380.W40	38.0	40	55	70	190	297		L60M4X10	T15
UD50.SP11.390.W32	39.0	32	55	60	195	292	SP□□140512	L60M4X10	T15
UD50.SP11.390.W40	39.0	40	55	70	195	302		L60M4X10	T15
UD50.SP11.400.W32	40.0	32	60	60	200	298		L60M4X10	T15
UD50.SP11.400.W40	40.0	40	60	70	200	308		L60M4X10	T15
UD50.SP11.410.W40	41.0	40	60	70	205	314		L60M4X10	T15
UD50.SP14.420.W40	42.0	40	60	70	210	319		L60M5X13	T20
UD50.SP14.430.W40	43.0	40	60	70	215	325		L60M5X13	T20
UD50.SP14.440.W40	44.0	40	60	70	220	330		L60M5X13	T20
UD50.SP14.450.W40	45.0	40	60	70	225	337		L60M5X13	T20
UD50.SP14.460.W40	46.0	40	60	70	230	343		L60M5X13	T20
UD50.SP14.470.W40	47.0	40	60	70	235	348		L60M5X13	T20
UD50.SP14.480.W40	48.0	40	60	70	240	354		L60M5X13	T20
UD50.SP14.490.W40	49.0	40	60	70	245	359		L60M5X13	T20
UD50.SP14.500.W40	50.0	40	60	70	250	365		L60M5X13	T20



可转位浅孔钻



UD30



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
WCMX030208	L60 M2.5X6.5	T08
WCMX040208	L60 M2.5X6.5	T08
WCMX050308	L60 M3X8	T10
WCMX06T308	L60 M3.5X8	T15
WCMX080412	L60 M4X10	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.



可转位浅孔钻



★ 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
WC08	UD30.WC06.410.W40	41	40	60	128	70	234
	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

钻削刀具 | DRILLING TOOLS



孔加工刀具 Hole-machining Tools

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，如有异响立即停机检查。

WARNING

- 1 Use the High Speed Drill 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 f_n (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

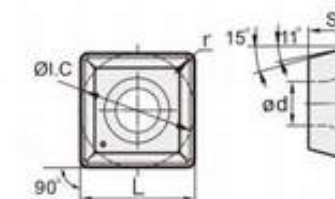


钻削刀具 | DRILLING TOOLS

Hole-machining Tools 孔加工刀具

★ 刀片选择 Matching Insert

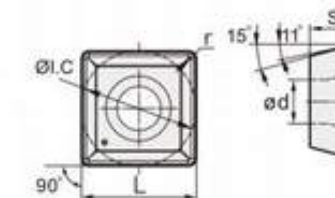
型号 Type	SD1205	SD2136	SD2336	SD4326	SD4226	SD4236	SD5346	SD5236	SD5450	SD5440	SD5146	基本尺寸(mm) Dimension				
												L	ØI.C	S	Ød	r
SPMG050204	●	●	●						○			5	5	2.38	2.2	0.4
SPMG060204	●	●	●						○			6	6	2.38	2.6	0.4
SPMG07T308	●	●	●						○			7.94	7.94	3.97	2.8	0.8
SPMG090408	●	●	●						○			9.8	9.8	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																



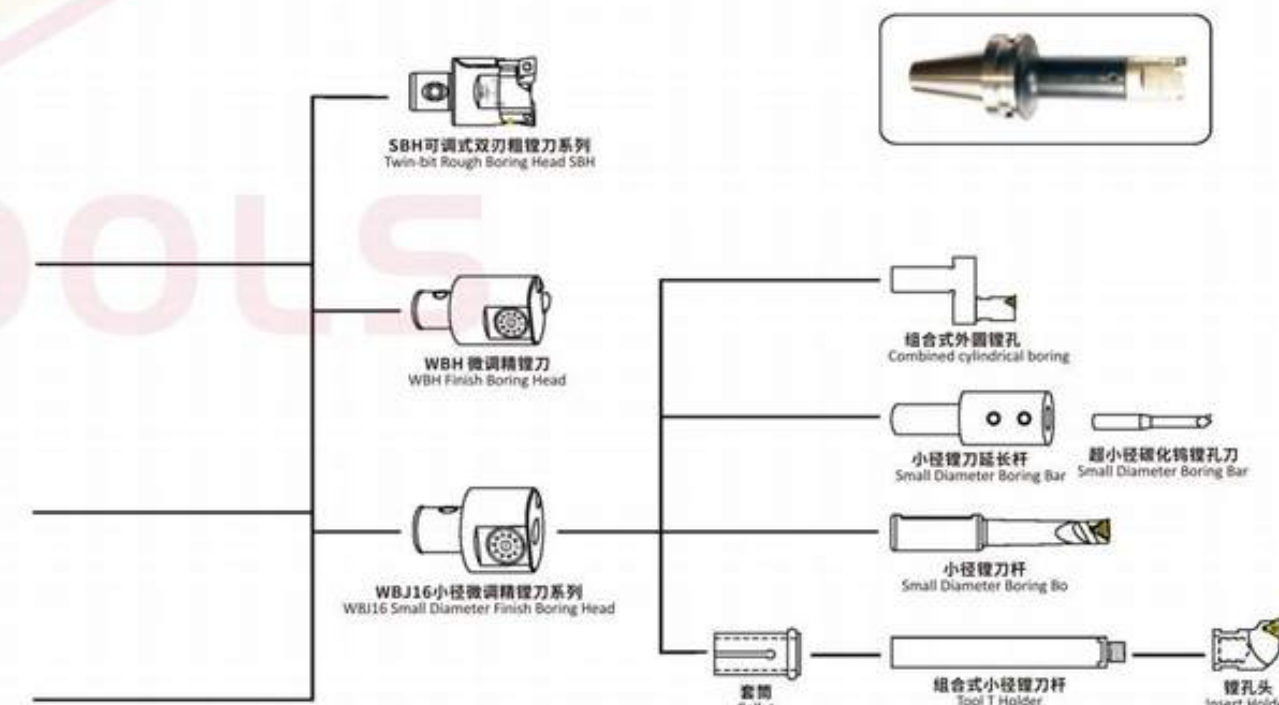
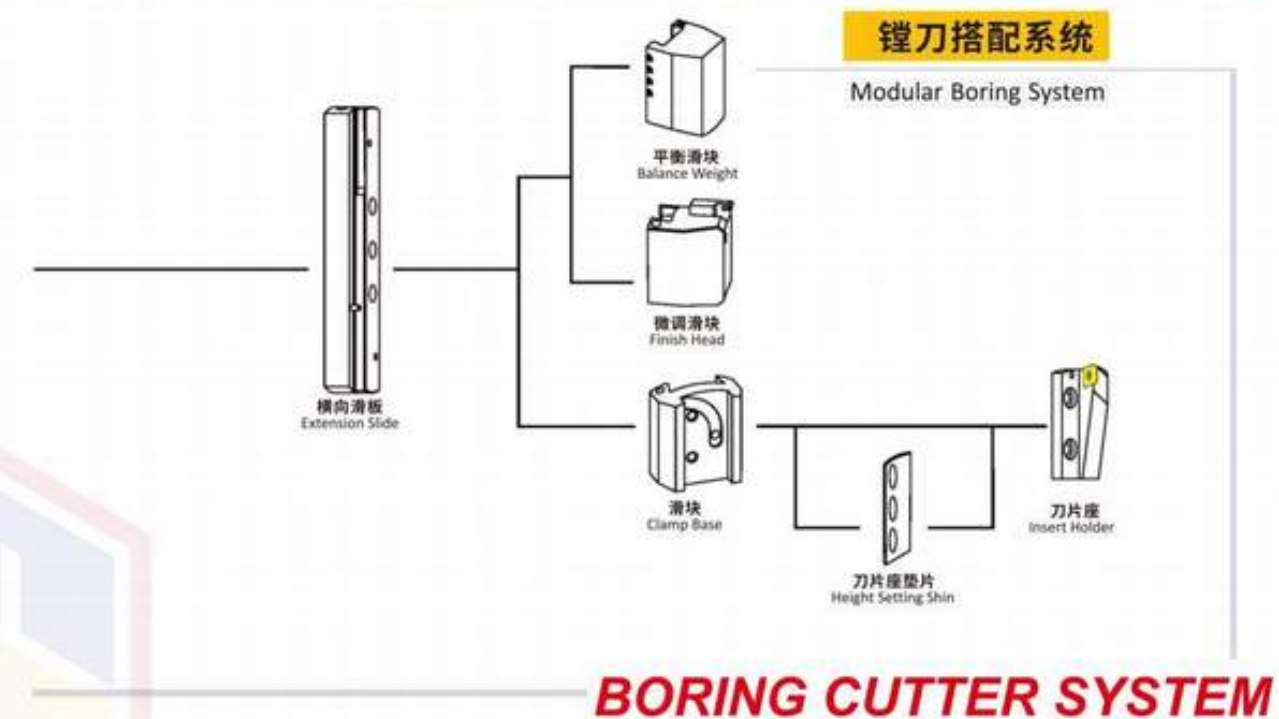
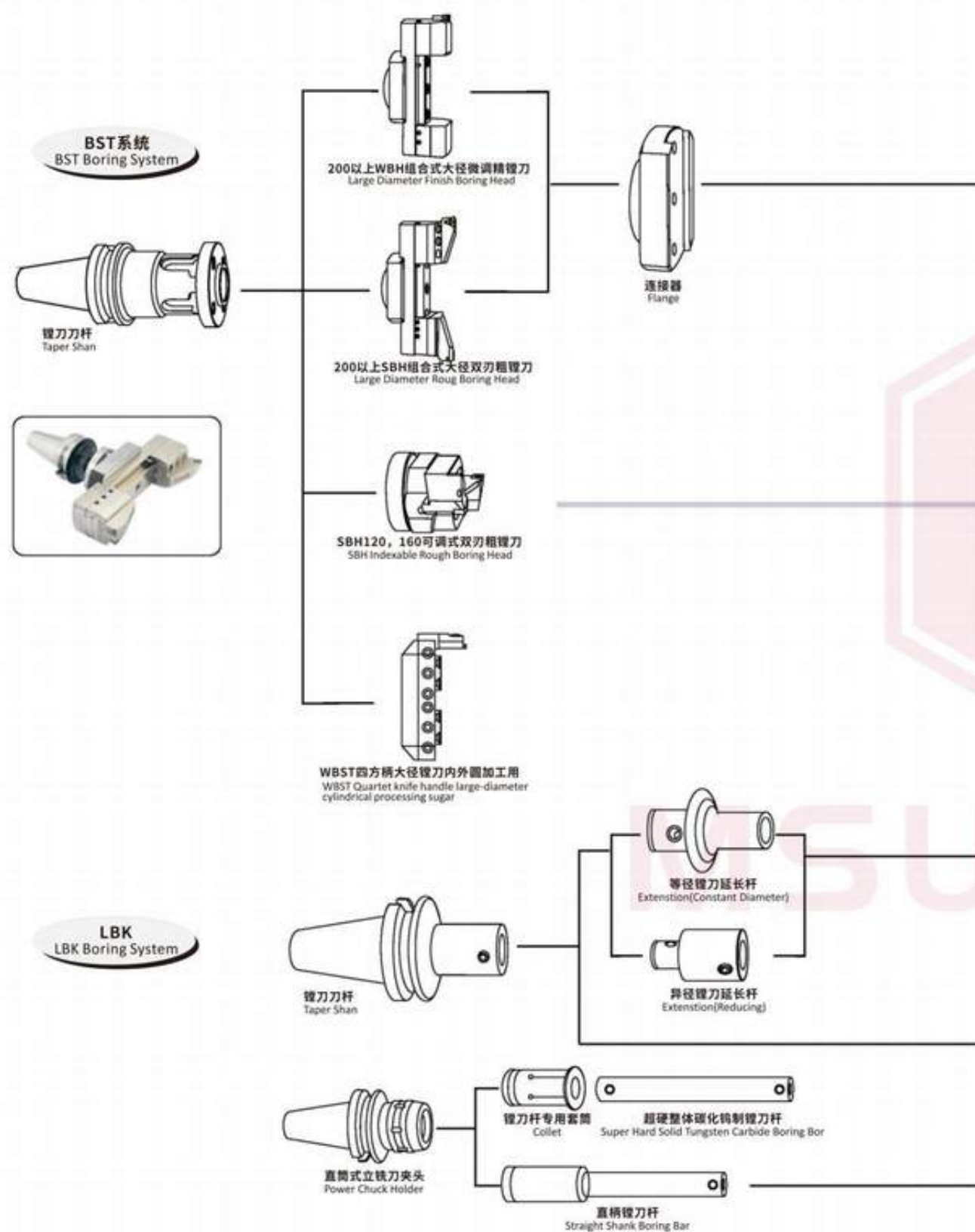
● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application

★ 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																

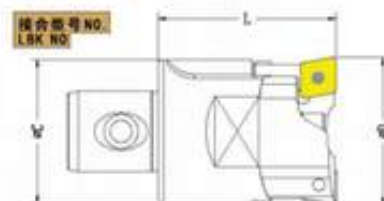


● 常备库存 Unallocated stock ○ 可备库存 Available stock ■ 推荐应用 Main application □ 拓展应用 Extended application



SBH可调式双刃粗镗刀系列 《镗孔范围 $\phi 25-\phi 204\text{mm}$ 》

Twin-bit Rough Boring Head SBH<Boring Range Form $\phi 25-\phi 204\text{mm}$ >



特色

1. 刀体整体缩短，刚性增强。
2. 内藏式水孔，直接冷却，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。

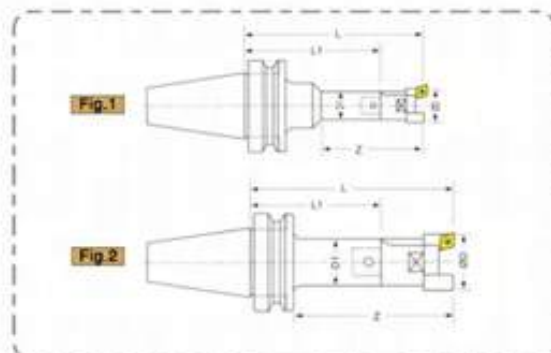
Features

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	CCMT120408	1.6
	SBH90-130-C		90 ~ 130	78	88		2.6
	SBH120-164-C	BST Series	120 ~ 164	100	100	CCMT120408	4.1
	SBH160-204-C		160 ~ 204	100	128	CCMT120408	5.2

SBH双刃粗镗刀+LBK刀柄 (MAS 403BT)

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



SBH双刃粗镗刀组合系列 SBH Finish Boring Head

型号 Type	样式 Fig.	镗孔范围 ϕ (Dmm)	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
BT30-SBH25-112	2	25-35	82	BT30-LBK2-80	SBH25	2	112	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	39	1.3
BT30-SBH52-114		52-75	84	BT30-LBK5-60	SBH52	5	114	50	1.8
BT30-SBH68-128		68-100	98		SBH68		128	64	3.0
BT30-SBH90-138		90-130	108	BT30-LBK6-60	SBH90	6	138		3.9
BT40-SBH25-117	2	25-35	82	BT40-LBK2-85	SBH25	2	117	24	1.3
BT40-SBH32-147			112	BT40-LBK2-115			147	115	1.6
BT40-SBH32-134		32-45	99	BT40-LBK3-95	SBH32	3	134	95	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	2	40-55	85	BT40-LBK4-85	SBH40	4	133	85	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	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	2	68-100	98	BT40-LBK6-65	SBH68	6	133	65	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		SBH120	BST	172		7.0
BT40-SBH160-170		160-204	135	BT40-BST-70	SBH160		170	70	8.0
BT50-SBH25-142	2	25-35	92	BT50-LBK2-110	SBH25	2	142	110	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	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	4.8
BT50-SBH40-193	2		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	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	8.6
BT50-SBH68-163	2	68-100	113	BT50-LBK6-95	SBH68	6	163	95	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	15.5
IBT50-SBH68-418				IBT50-LBK6-350					13.2
BT50-SBH90-173	2	90-130	123	BT50-LBK6-95	SBH90		173	95	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	16.4
IBT50-SBH90-428				IBT50-LBK6-350					14.1
BT50-SBH120-202	2	120-164	157	BT50-BST-100	SBH120		202	100	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	2		407	BT50-BST-350			452	350	19.3
BT50-SBH120-502		160-204	457	BT50-BST-400	SBH160		502	400	21.3
BT50-SBH160-200			155	BT50-BST-100			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

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，可适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 works. 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 Specifications

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 2.7kg	19	29			
	铝合金 Aluminum Alloy			8.8	13.5			
	横向滑板 Extension Slide		RST200	RST300	RST400	RST500	RST300X2纸(pieces)	
	重量(kg) Weight		3.4	5.4	7.4	9.4	10.8	
	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							

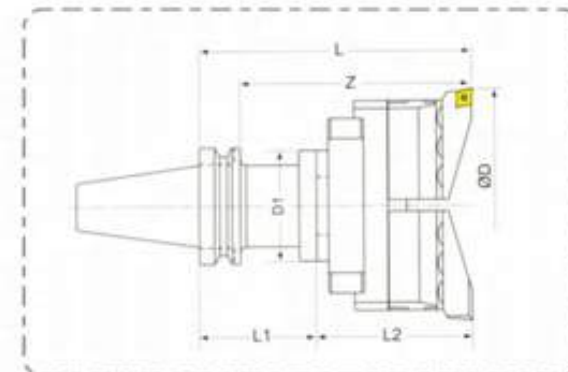
φ200以上SBH组合式大径双刃粗镗刀+BST刀柄 (MAS 403BT)

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	接合型号	镗孔范围 φ Dmm	镗头长度mm	刀片规格	重量 KG	
	Boring Head Type	LBK No.	Boring Range	Length	Insert	合金钢 Alloy Steel	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 Specifications

型号 Type	镗孔范围 φ (Dmm)	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	SBH刀头 SBH boring head					合金钢 Alloy Steel	铝合金 Aluminum
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

SBH非标类粗镗刀

微调结构



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 workpiece 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。

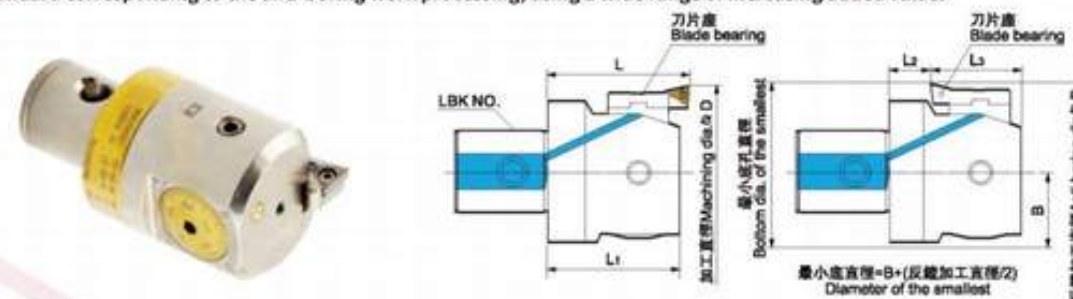
Features

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 $\phi 200\text{mm}$

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 Specifications

型号 Type	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	加工范围		
			L	L1		
			L2	L3		
			B			
WBH20-36 LBK1	LBK1	WBH1-1 20-26	32	29.5	0.07	TP08/M2.2/T7
		WBH1-2 25-31				
		WBH1-3 30-36				
		WBH2-1 25-33				
WBH25-47 LBK2	LBK2	WBH2-2 32-40	32	29.5	0.12	TP08/M2.2/T7
		WBH2-3 39-47				
		WBH3-1 32-42				
		WBH3-2 41-51				
WBH32-60 LBK3	LBK3	WBH3-3 50-60	38	35	0.21	TP08/M2.2/T7
		WBH4-1 41-54				
		WBH4-2 50-63				
		WBH4-3 61-74				
WBH41-74 LBK4	LBK4	WBH5-1 53-70	46	43	0.40	TP11/M3/T8
		WBH5-2 65-82				
		WBH5-3 78-95				
		WBH6-1 68-100				
WBH53-95 LBK5	LBK5	WBH6-2 94-126	56	53	1.10	TP11/M3/T8
		WBH6-3 118-150				
		WBH6-1 100-153				
		WBH6-2 126-179				
WBH68-150 LBK6	LBK6	WBH6-3 150-203	71	67.2	1.74	TP11/M3/T8
		WBH6-1 150-203				
		WBH6-2 176-229				
		WBH6-3 200-253				
WBH100-203 LBK6	LBK6	WBH6-1 150-203	78	67.2	2.46	TP11/M3/T8
		WBH6-2 176-229				
		WBH6-3 200-253				
		WBH6-1 150-203				
WBH150-253 LBK6	LBK6	WBH6-2 176-229	88	67.2	4.20	TP11/M3/T8
		WBH6-3 200-253				
		WBH6-1 150-203				
		WBH6-2 176-229				

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		WBH20-36	WBH4-1		WBH41-74	WBH1-1E		WBH41-74
WBH1-2			WBH4-2			WBH1-2E		
WBH1-3			WBH4-3			WBH1-3E		
WBH2-1			WBH5-1			WBH2-1E		
WBH2-2		WBH25-47	WBH5-2		WBH53-95	WBH2-2E		WBH53-95
WBH2-3			WBH5-3			WBH2-3E		
WBH3-1			WBH6-1			WBH3-1E		
WBH3-2			WBH6-2			WBH3-2E		
WBH3-3		WBH32-60	WBH6-3		WBH150-253	WBH3-3E		WBH150-253

注意 WBH镗头自身允许最高切削速度为1200m/min，实际加工时还与基础钢的长度、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。

不带刀片，请另外订购。

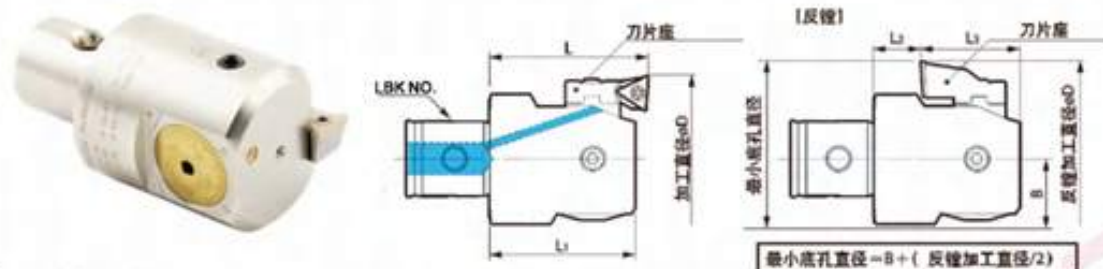
CBH微调式精镗刀系列

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 Specifications

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		TP08/M2.2/T7		
		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			TP08/M2.2/T7	
		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	TP11/M3/T8 TC11/M2.5/T8			
		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		TP11/M3/T8 TC11/M2.5/T8		
		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			TP11/M3/T8 TC11/M2.5/T8	
		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				TP11/M3/T8 TC11/M2.5/T8
		WBH6-2	176-229			176-229								
		WBH6-3	200-253			200-253								



WBH钻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、
机座及工件的刚性等边界条件有关。请再容许范围内选择最合适的加工条件。

刀片座 PAT.P

[illegible]

不附帶刀片，請另外訂購

WBH(CBH) 微调式精镗刀组合系列

WBH(CBH) adjustable fine boring knife

型号 Type	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刀座 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		39	1.3		
BT30-WBH53-120				BT30-LBK5-60	WBH53	5		50	1.8		
BT30-WBH68-130			100	BT30-LBK6-60	WBH68	6		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			130	95		1.5		
BT40-WBH32-165		130	BT40-LBK3-125	WBH32	3	160	125	31	1.8		
BT40-WBH32-195		160	BT40-LBK3-155			190	155		2.0		
BT40-WBH41-135		100	BT40-LBK4-85			130	85		1.8		
BT40-WBH41-180		145	BT40-LBK4-130	WBH41	4	175	130	39	2.4		
BT40-WBH41-225		190	BT40-LBK4-175			220	175		2.7		
BT40-WBH53-135		100	BT40-LBK5-75			130	75		2.3		
BT40-WBH53-185		150	BT40-LBK5-125	WBH53	5	180	125	50	3.3		
BT40-WBH53-235		200	BT40-LBK5-175			230	175		4.0		
BT40-WBH68-135		100	BT40-LBK6-65			130	65		3.3		
BT40-WBH68-185		150	BT40-LBK6-115	WBH68	6	180	115		4.7		
BT40-WBH68-235		200	BT40-LBK6-165			230	165	64	5.9		
BT40-WBH100-135		100	BT40-LBK6-65			130	65		4.2		
BT40-WBH100-185		150	BT40-LBK6-115	WBH100		180	115		5.6		
BT40-WBH100-235		200	BT40-LBK6-165		230	165		6.6			
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			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			160	115		4.8	
BT50-WBH41-195			2	150	BT50-LBK4-145	WBH41	4	190	145	39	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			160	108		5.5
BT50-WBH53-240	195			BT50-LBK5-180	WBH53	5	235	180	50	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			160	95		8.5		
BT50-WBH68-240		195	BT50-LBK6-170			235	170	64	8.3		
BT50-WBH68-300		255	BT50-LBK6-230	WBH68			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		6	415	350		13.2		
BT50-WBH100-165		120	BT50-LBK6-95			160	95		7.4		
BT50-WBH100-240		195	BT50-LBK6-170			235	170	64	9.2		
BT50-WBH100-300		255	BT50-LBK6-230	WBH100		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		6	165	95		8.7		
BT50-WBH150-240		195	BT50-LBK150-240			240	170	64	10.5		
BT50-WBH150-300		255	BT50-LBK150-300	WBH150		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	15.5		

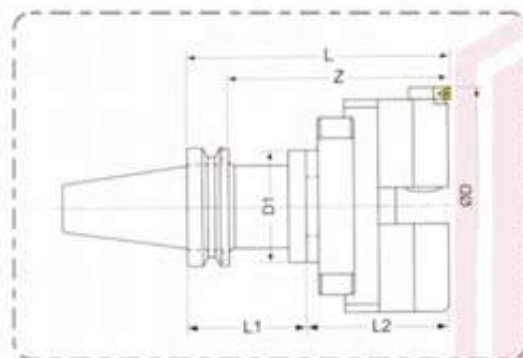
φ200以上WBH大孔径微调精镗刀+BST刀柄 (MAS 403BT)

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

《镗孔范围 φ200~φ1250mm》

《Boring Range from φ200~φ1250mm》

	镗头型号	接合型号	镗孔范围φDmm	镗头长度	刀片规格/螺丝/扳手	重量 KG	
	Boring Head Type	LBK No.	Boring Range	L2 mm	Insert/ Clamp Screw/ Wrench	合金钢	铝合金
	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 Specifications

型号 Type	镗孔范围 φ (Dmm)	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刀头 WBH boring head					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	300 ~ 410	485	BT50-BST-400	WBH300		530	400		27.2	24.5
BT50-WBH300-230		185	BT50-BST-100			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	400 ~ 510	435	BT50-BST-350	WBH400		480	350		27.2	23.3
BT50-WBH300-530		485	BT50-BST-400			530	400		29.2	25.3
BT50-WBH400-230		185	BT50-BST-100			230	100		18.8	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	500 ~ 610	385	BT50-BST-300	WBH500		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		185	BT50-BST-100			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	600 ~ 910	335	BT50-BST-250	WBH600	FMA	380	250	128	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	900 ~ 1250	185	BT50-FMA47.625-75	WBH600	47.625	230	75	128	40.0	22.8
BT50-WBH900-230				WBH900						50.0

WBJ16微调精镗孔系统

WBJ16 Fine-tune the Precision Boring System



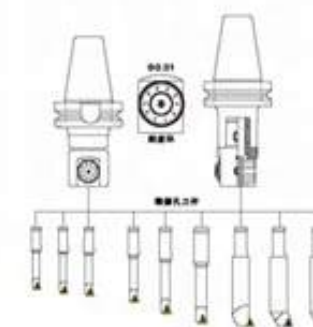
规格 Specifications

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)
WBJ16	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	WBG0601..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)

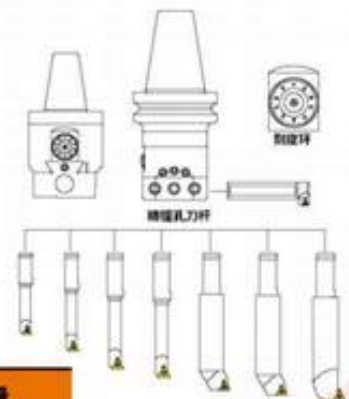


规格 Specifications

型号 Cat. No	镗孔范围 Boring Range	主轴柄规格 Spindle 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

NBH2084 微调精镗孔系统

NBH2084 Fine-tune the Precision Boring System



规格 Specifications

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	TBGT0801...L	M2.0X5	T6	0.095
SBJ2010-40	10 ~ 13		40	87	TPGH0902...L	M2.5X6	T8	0.095
SBJ2012-53	12 ~ 17		53	98				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+BT11	100				0.23

NBH2084 微调精镗孔系统 (套装)

NBH2084 Fine-tune the Precision Boring System(Set)



规格 Specifications

型号 Cat. No	镗孔范围 Boring Range	主轴柄规格 Spindle 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

可接受以下各种组合非标刀具定制

侧固式



2" 侧固



7:24接口



TMG21接口



KB接口



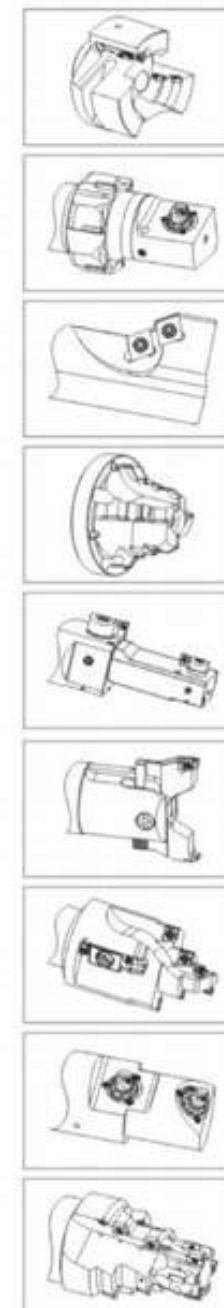
HSK



面铣刀接口



XME接口

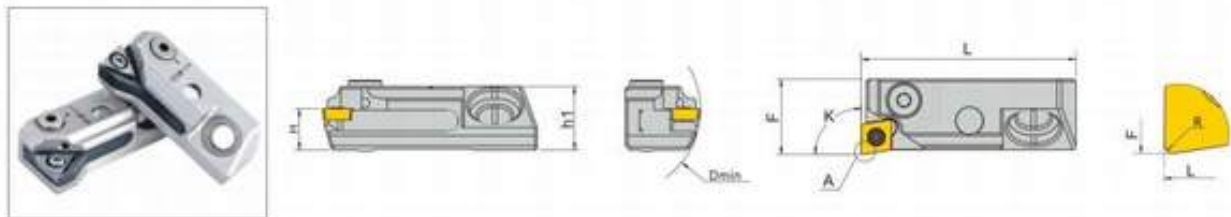


非标镗刀技术特点:

- 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。

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 specifications 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	轴向调整环 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 Allen 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

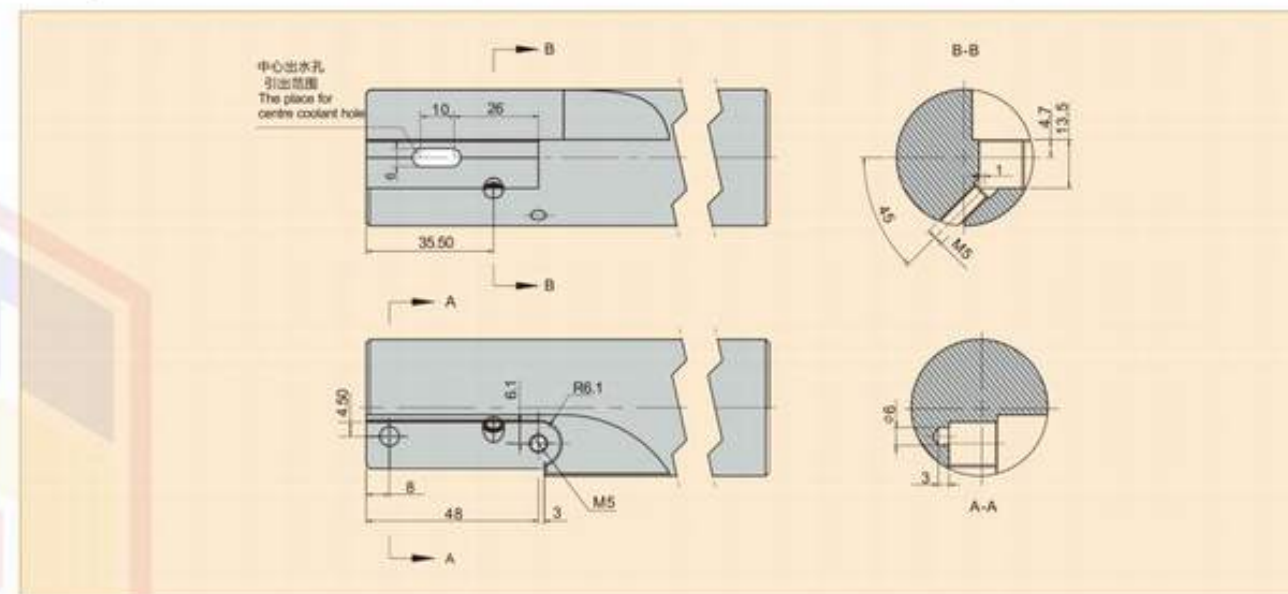
微调刀座安装尺寸

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

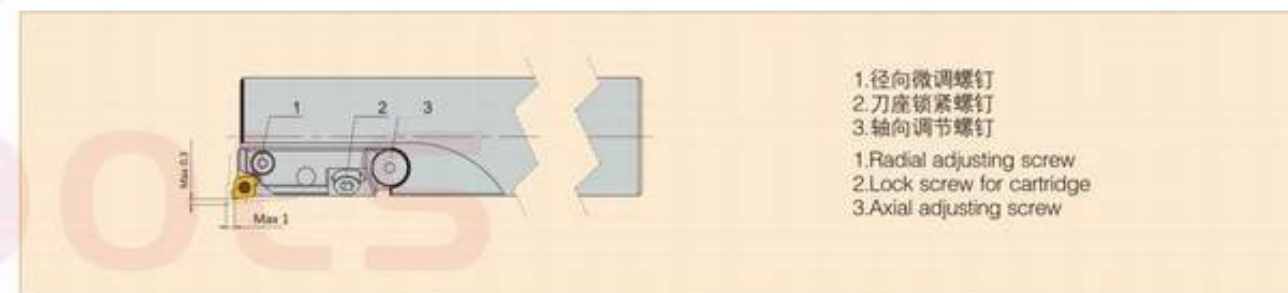
刀座安装尺寸

Assembly Instruction



刀座调节方法

Adjustment Instruction



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。

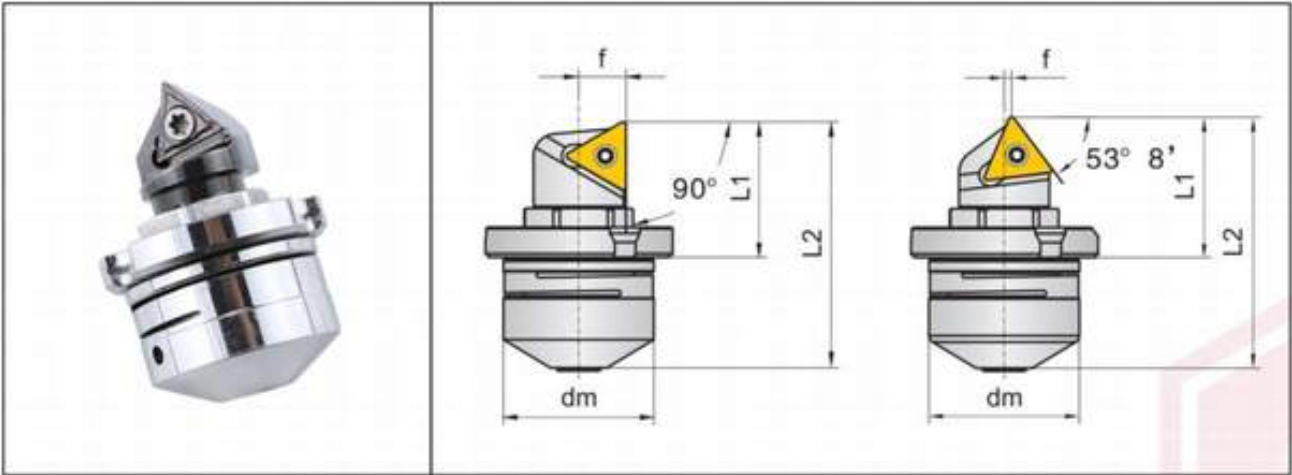
Note: If the cartridge should be moved backward, please loosen the lock screw, and then move the cartridge to the back, finally adjust the cartridge to forward little by little to meet the required size.

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.

R/L 148C 精镗单元



★ 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
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
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

R/L 148C 精镗单元

特点:

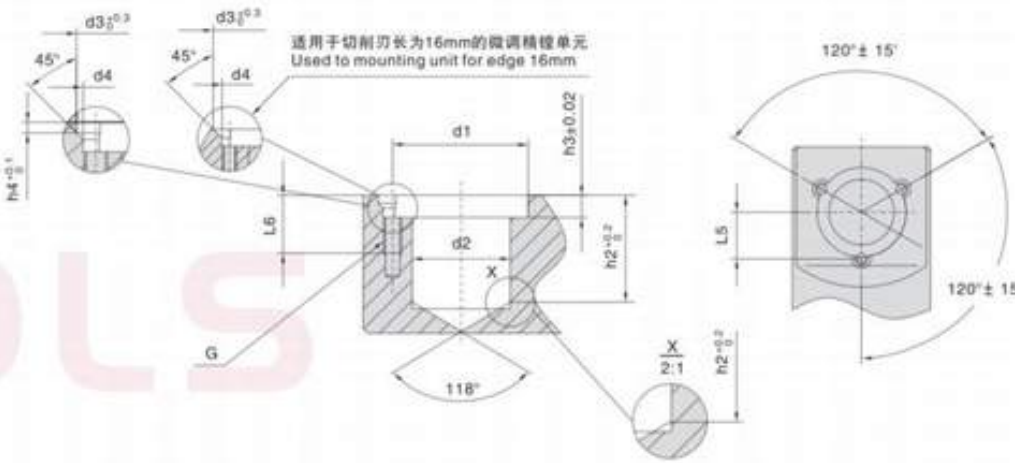
- 能加工盲孔
- 从前端调整
- 镗头具有自锁性, 即在调整前不需解锁, 调整后不需锁紧。

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。



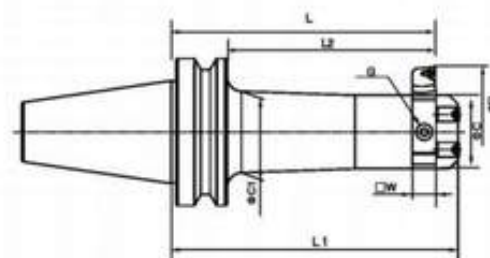
精镗单元安装尺寸



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

BT-BSB 90° 直角粗镗刀

BT-BSB 90° angle Rough Boring Tool



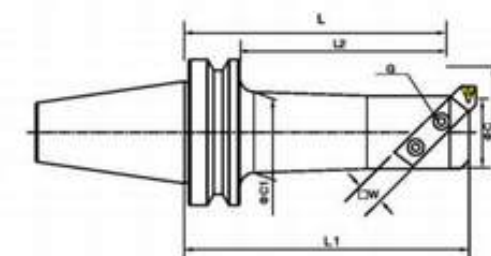
型号 Cat. No	范围 φD		L	L1	L2	L3	φC	φC1	W	G	净重 KG
	min	max									
BT40-BSB 25-135	25	52	135	150	105	50	20	22	8	M8	1.5
BT40-BSB 38-165	38	70	165	180	135	70	30	33	10	M10	2.0
BT40-BSB 50-165	50	90	165	180	135	85	40	44	13	M10	2.8
BT40-BSB 50-210	50	90	210	225	180	85	40	44	13	M10	3.3
BT40-BSB 62-165	62	115	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

Boring Bar for rough cutting best suited through-hole boring. Also applicable to counter bore spot facing.

BT-BSA 45° 斜角粗镗刀

BT-BSA 45° oblique angle rough boring tool



型号 Cat. No	范围 φD		L	L1	L2	L3	φC	φC1	W	G	净重 KG
	min	max									
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

镗刀头单独订购

注意D的最小尺寸与L, L1, L2

Boring Bar rough cutting best suited through-hole and blind hole borings

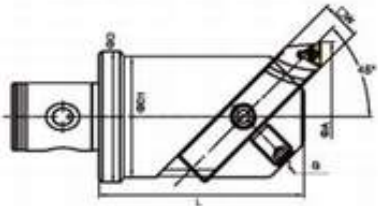
The same location of drive key and cutting edge.

Please order boring bar separately.

Dimension of L, L1, L2 criteria, when D is minimum dimension.

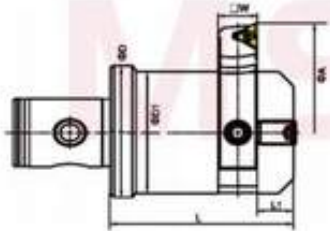


BSA 斜角型镗头
BSA bevel-type sugar head



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

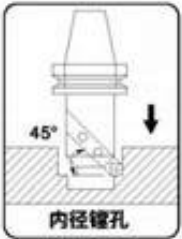
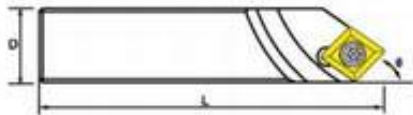


型号 Cat. No	镗孔范围 Boring Range		尺寸 Size					
	ΦA min	ΦA max	ΦD	ΦD1	L	L1	W	G
BSB25-LBK2	Φ26	Φ52	24	20	45	10	8	M6x1.00P
BSB38-LBK3	Φ38	Φ70	31	30	55	10	10	M8x1.25P
BSB50-LBK4	Φ50	Φ90	42	40	60	10	13	M10x1.50P
BSB62-LBK5	Φ62	Φ115	55	50	70	12	16	M12x1.75P
BSB72-LBK6	Φ72	Φ135	63	60	85	12	19	M12x1.75P

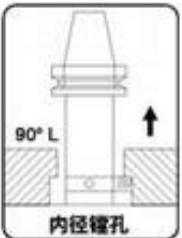
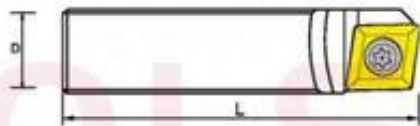


CBS 刀夹
CBS turner

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

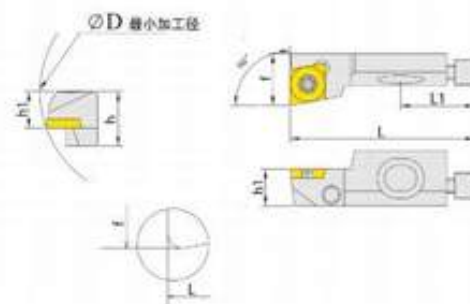


型号 Cat. No	D	L	角度 Angle	刀片规格 Insert	螺丝 Clamp Screw	扳手 Wrench
CBS-408	8	50	45°	CCMT0602	M2.5-6.0-3.5-60	T9
CBS-410	10	60		CCMT09T3	M4-10-5.7-60	T15
CBS-413	13	70				
CBS-416	16	100				
CBS-425	25	150				
CBS-908	8	50	90°	CCMT0602	M2.5-6.0-3.5-60	T9
CBS-910	10	60		CCMT09T3	M4-10-5.7-60	T15
CBS-913	13	70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



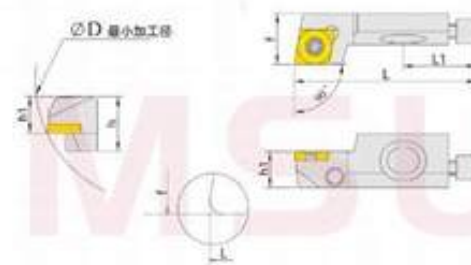
型号 Cat. No	D	L	角度 Angle	刀片规格 Insert	螺丝 Clamp Screw	扳手 Wrench
CBS908L	8	50	90°	CCMT0602	M2.5-6.0-3.5-60	T9
CBS910L	10	60		CCMT09T3	M4-10-5.7-60	T15
CBS913L	13	70				
CBS916L	16	100				
CBS919L	19	150				

SCF◇R/L



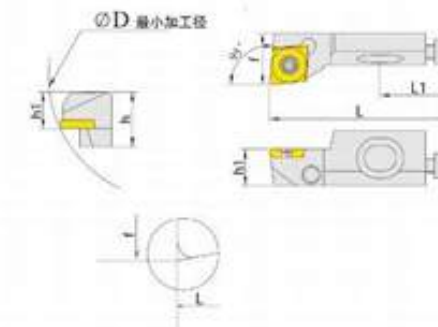
型 号 Model		φD	h	f	L	L1	h1	螺 丝 Screw	螺丝GD Screw GD	螺丝TJLS Screw TJLS	螺丝DJ Screw DJ	扳 手 Wrench
SCFPR/L 06CA-05	CP□□050204	20	8.5	8	25	12	6	M2.2×5	03510	03009	03006	T6
SCFCR/L 08CA-06	CC□□060204	25	10	10	32	17	8	M2.5×6	04016	04012	04008	T8
SCFCR/L 10CA-09	CC□□09T308	40	15	14	50	20	10	M3.5×8	06020			T15

SCG◇R/L



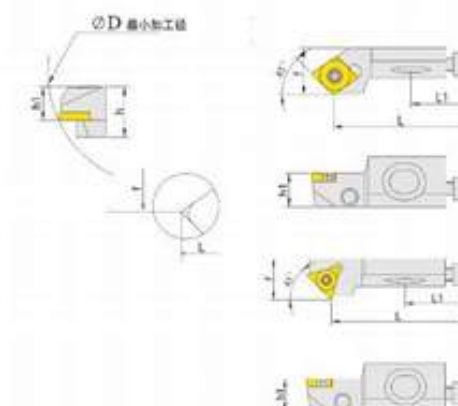
型 号 Model		φD	h	f	L	L1	h1	螺 丝 Screw	螺丝GD Screw GD	螺丝TJLS Screw TJLS	螺丝DJ Screw DJ	扳 手 Wrench
SCGPR/L 06CA-05	CP□□050204	20	8.5	8	25	12	6	M2.2×5	03510	03009	03006	T6
SCGCR/L 08CA-06	CC□□060204	25	10	10	32	17	8	M2.5×6	04016	04012	04008	T8
SCGCR/L 10CA-09	CC□□09T308	40	15	14	50	20	10	M3.5×8	06020			T15

SCL◇R/L



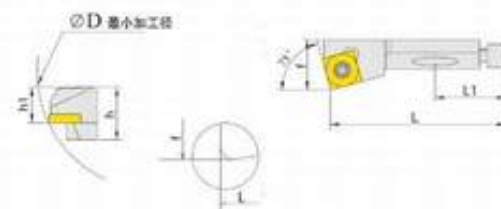
型 号 Model		φD	h	f	L	L1	h1	螺 丝 Screw	螺丝GD Screw GD	螺丝TJLS Screw TJLS	螺丝DJ Screw DJ	扳 手 Wrench
SCLPR/L 06CA-05	CP□□050204	20	8.5	8	25	12	6	M2.2×5	03510	03009	03006	T6
SCLCR/L 08CA-06	CC□□060204	25	10	10	32	17	8	M2.5×6	04016	04012	04008	T8
SCLCR/L 10CA-09	CC□□09T308	40	15	14	50	20	10	M3.5×8	06020			T15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

S◇S◇R/L



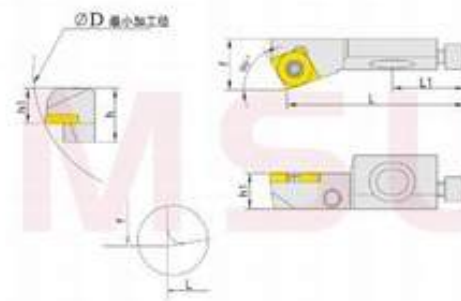
型 号 Model		φD	h	f	L	L1	h1	螺 丝 Screw	螺丝GD Screw GD	螺丝TJLS Screw TJLS	螺丝DJ Screw DJ	扳 手 Wrench
SCSPR/L 06CA-05	CP□□050204	20	8.5	8	21.4	12	6	M2.2×5	03510	03009	03006	T6
SCSCR/L 08CA-06	CC□□060204	25	10	10	28	17	8	M2.5×6	04016	04012	04008	T8
SCSCR/L 10CA-09	CC□□09T308	40	15	14	44	20	10	M3.5×8	06020	04012	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□□120408	50	20	20	47	20	12	M3.5×8	06025	05014	04012	T15
STSCR/L 16CA-16	TC□□16T308	55	21	25	53	25	16		08030	06019		

S◇KCR/L



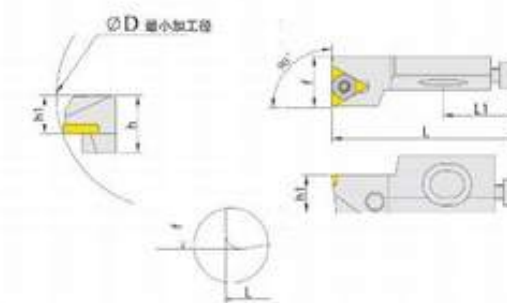
型 号 Model		φD	h	f	L	L1	h1	螺 丝 Screw	螺丝GD Screw GD	螺丝TJLS Screw TJLS	螺丝DJ Screw DJ	扳 手 Wrench
SKCR/L 08CA-06	CC□□060204	25	10	10	32	17	8	M2.5*6	04016	04012	03006	T8
SSKCR/L 10CA-09	SC□□09T308	40	15	14	50	20	10	M3.5*8	06020	04012	04008	T15
SSKCR/L 12CA-12	SC□□120408	50	20	20	55	20	12	M5*12	06025	05014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

SCW◇R/L



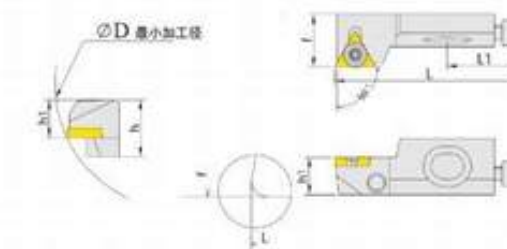
型 号 Model		φD	h	f	L	L1	h1	螺 丝 Screw	螺丝GD Screw GD	螺丝TJLS Screw TJLS	螺丝DJ Screw DJ	扳 手 Wrench
SCWPR/L 06CA-05	CP□□050204	20	8.5	8	22.7	12	6	M2.2*5	03510	03009	03006	T6
SCWCR/L 08CA-06	CC□□060204	25	10	10	29	17	8	M2.5*6	04016	04012		T8

STFCR/L



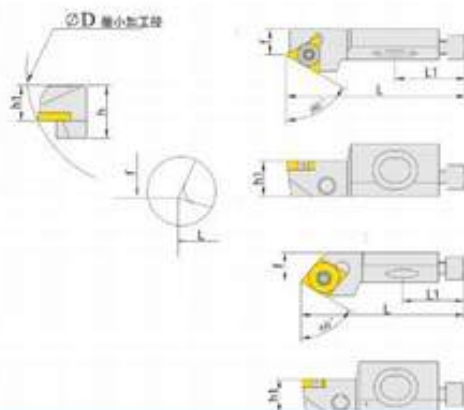
型 号 Model		φD	h	f	L	L1	h1	螺 丝 Screw	螺丝GD Screw GD	螺丝TJLS Screw TJLS	螺丝DJ Screw DJ	扳 手 Wrench
STFCR/L 08CA-09	TC□□090204	25	10	10	32	17	8	M2.5*6	04016	04012	03006	T8
STFCR/L 10CA-11	TC□□110204	40	15	14	50	20	10	M3.5*8	06020	05014	04008	T15
STFCR/L 12CA-16	TC□□12T308	50	20	20	55	20	12		06025	06019		
STFCR/L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

STGCR/L



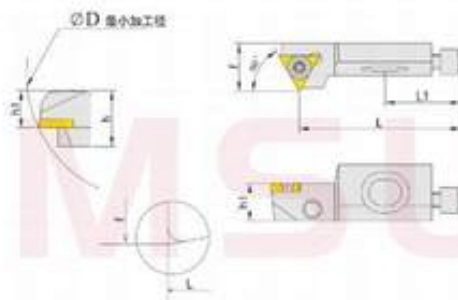
型 号 Model		φD	h	f	L	L1	h1	螺 丝 Screw	螺丝GD Screw GD	螺丝TJLS Screw TJLS	螺丝DJ Screw DJ	扳 手 Wrench
STGCR/L 08CA-09	TC□□090204	25	10	10	32	17	8	M2.5*6	04016	04012	03006	T8
STGCR/L 10CA-11	TC□□110204	40	15	14	50	20	10	M3.5*8	06020	05014	04008	T15
STGCR/L 12CA-16	TC□□12T308	50	20	20	55	20	12		06025	06019		
STGCR/L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

STTCR/L



型 号 Model		φD	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	TC□□16T308	55	21	15	63	25	16	M3.5*8	08030	06019	04012	T15
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	04012	T8

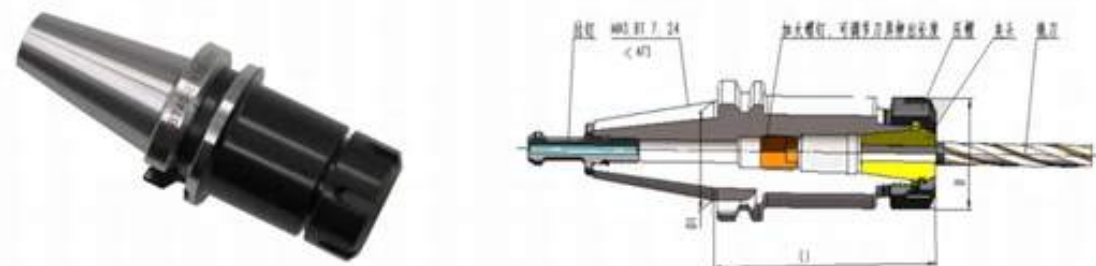
STWCR/L



型 号 Model		φD	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	TC□□16T308	55	21	25	53	25	16	M3.5*8	08030	06019	04012	T15

数控铣夹头刀柄 MILLING CHUCK ARBORS	P280~P282	HSK(A型)铣刀柄 ER COLLET CHUCK	P311~P313
莫氏变径套 (扁尾型) MORSE TAPER(WITH TANG)	P283~P285	HSK(A型)变径套 MORSE TAPER ADAPTER	P314
莫氏变径套 (后拉型) MORSE TAPER(WITH DRAWBAR)	P286~P288	HSK(A型)混合插入式铣刀柄 OMBI-SHELL END MILL HOLDER	P315
钻接刀柄 DRILL CHUCK ARBORS	P289~P291	HSK(A型)套式铣刀柄 SHELL END MILL HOLDER	P316
整体式钻夹头 SELF-FASTEN DRILL CHUCK	P292	HSK刀柄-侧固式 HSK-SIDE LOCK TOOL HOLDER	P317
平面铣刀柄 SHELL MILL ARBORS	P293~P295	HSK数控强力刀柄 MILLING CHUCK ARBORS	P318
混合插入式铣刀柄 COMBI SHELL END MILL ARBORS	P296	HSK刀柄-SK系列 HSK HEAT SHRINKABLE SHANK-SK SERIES	P319
立铣刀柄 END MILL ADAPTERS	P297~P300	BT组合基础刀柄 BORING SHANK	P320
强力刀柄 POWER MILLING CHUCK	P301	组合刀柄系列 COMBINATION SERIES	P321
滚针式铣夹头套装/直柄夹头 MILLING CHUCK SET/STRAIGHT SHANK COLLETS	P302	BT_SLO油路刀柄 BT_SLO OIL ROAD HANDLE	P322
可限位直柄铣夹头/MT变径铣夹头 MILLING COLLET/MILLING ADAPTER	P303	CSO油路刀套 CSO OIL-FEED HOLDERS REDUCING SLEEVE	P323
螺纹锁固式刀柄 THREAD LOCKING TYPE CHUCK	P304~P305	C/ER 直柄延长杆 C/ER STRAIGHT SHANK COLLET CHUCK	P324~P325
BT/SK高转速精密刀柄系列 BT/SK HIGH SPEED PRECISION HOLDER SERIES	P306	刀柄用拉钉 RETENTION KNOB	P326~P327
弹性伸缩攻牙刀柄 ELASTIC EXPANSION TAPPING THE HANDLE	P307	夹头 COLLET	P328~P329
MS/直柄TER攻丝刀柄 MS/STRAIGHT SHANK TER TAPPING HOLDER	P308	ER 套装铣夹头 ER MILLING CHUCK SET	P330
BT/DC后拉式立铣刀夹头体 BT/DC SILM-FIT COLLET CHUCK	P309	SK高转速筒夹 SK HIGH SPEED DOLLET	P331
DC专用夹头 DC COLLET	P310	ER压帽 ER NUT	P332
		扳手 SPANNER	P333

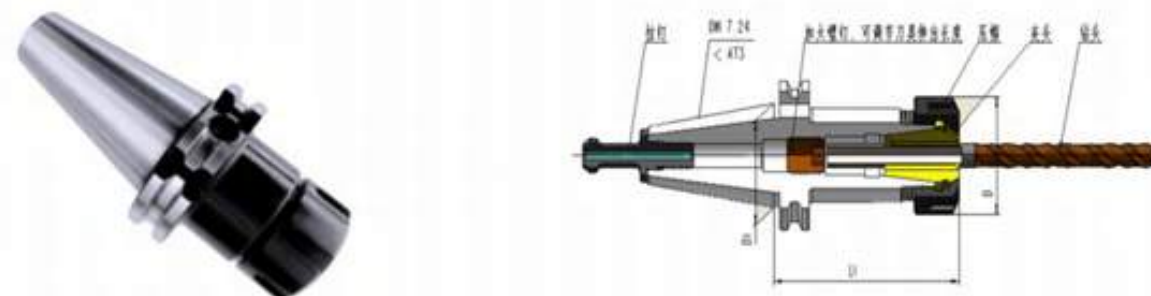
BT 锥数控铣夹头刀柄 MILLING CHUCK ARBORS



- ★: 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, 然后锁紧刀柄体
- ★: 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 the nut to 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

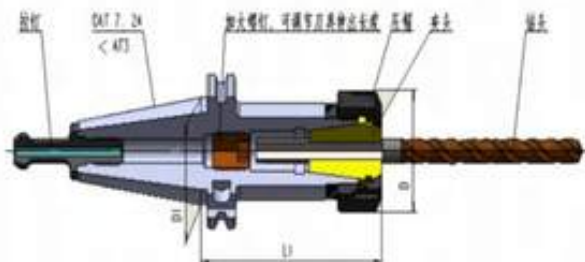
DIN69871 数控铣夹头刀柄 MILLING CHUCK ARBORS



- ★: 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
- ★: 订购时需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.A40-ER32-70
- ★: 使用时夹头必须先装入压帽, 再装入刀具, 接着锁紧刀柄体
- ★: 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 nut to 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-L1	D mm	D1 mm	型 号 Model No. DIN69871.A-ER-L1	D mm	D1 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

CAT 锥数控铣夹头刀柄 MILLING CHUCK ARBORS

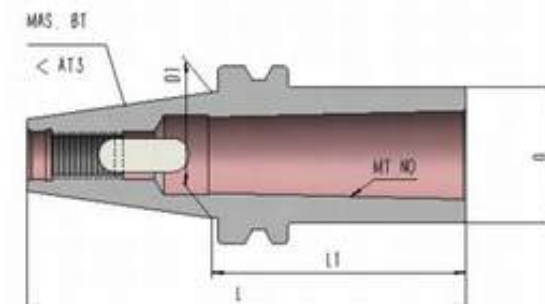


- ★: 刀柄采用进口高强度材质, 经特殊处理后产品具有高耐磨性
- ★: 用于加工中心或数控机床的专用刀柄
- ★: 根据需要可提供动平衡刀柄, 动平衡标准精度为G6.3/12000rpm, 精密精度为G2.5/20000rpm, 订购时请注明 具体精度
- ★: 使用时夹头必须先装入压帽, 再装入刀具, 接着锁紧入刀柄体
- ★: 夹头有弹性, 止水, 刚性攻牙等可供选择
- ★: The holder is made of imported high strength material and has high wear resistance after special treatment
- ★: Special tool holder for 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 the nut to 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

BT 锥数控莫氏变径套(扁尾型)

MORSE TAPER(WITH TANG)

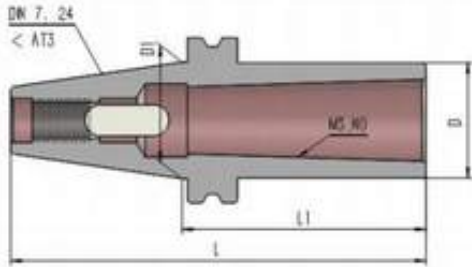


- ★: 刀柄采用进口高强度材质, 经特殊处理后产品具有高耐磨性
- ★: 外锥柄连接于数控机床, 内锥连接不同型号的莫氏变径套
- ★: 订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进冷却的刀柄, 请标明AD/B型, 如 BT40AD/B-MTA3-75
- ★: 根据需要可提供动平衡刀柄, 动平衡标准精度为G6.3/12000rpm, 精密精度为G2.5/20000rpm, 订购时请注明具体精度
- ★: The holder is made of imported high strength material and has high wear resistance after special 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



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

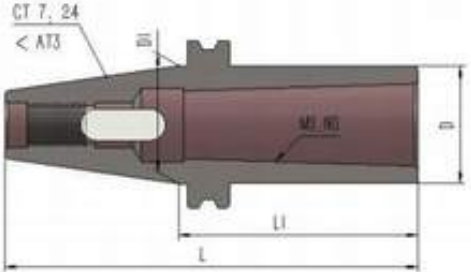


- ★: 刀柄采用进口高强度材质, 经特殊处理后产品具有高耐磨性
- ★: 外锥柄连接于数控机床, 内锥连接不同型号的莫氏变径套
- ★: 订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄, 请标明AD/B型, 如 DIN69871.40AD/B × MT3-75
- ★: 根据需要可提供动平衡刀柄, 标准精度为G6.3/12000rpm, 精密精度为G2.5/20000rpm, 订购时请注明具体精度
- ★: The holder is made of imported high strength material and has high wear resistance after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



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氏变径套
- ★: 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



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

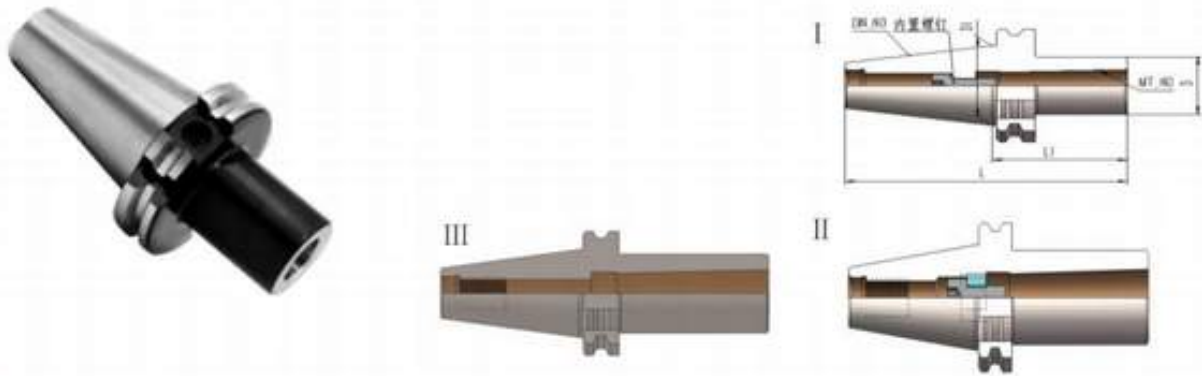


- ★:示意图1所示的刀柄使用时需安装内六角螺钉
- ★:示意图2所示的刀柄使用时需安装内六角螺钉及螺纹套
- ★:示意图3所示的刀柄使用时无内六角螺钉
- ★:订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄, 请标明AD/B型, 如BT40AD/B-MTB3-75
- ★:根据需要可提供动平衡刀柄, 动平衡标准精度为G6.3/12000rpm, 精密精度为G2.5/20000rpm, 订购时请注明。
- ★:Note:1. See figure 1,when the arbor being used, it is necessary to fix inner hex screw.
- ★: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



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

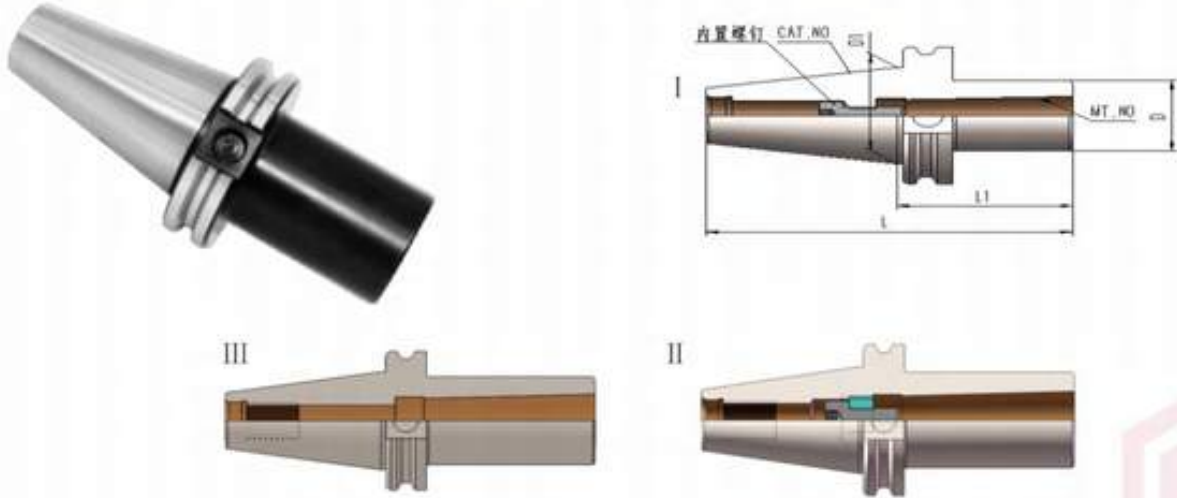


- ★:示意图1所示的刀柄使用时需安装内六角螺钉
- ★:示意图2所示的刀柄使用时需安装内六角螺钉及螺纹套
- ★:示意图3所示的刀柄使用时无需内六角螺钉
- ★:订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄, 请标明AD/B型, 如DIN69871, 40AD/B-MTB3-70
- ★:根据需要可提供动平衡刀柄, 动平衡标准精度为G6.3/12000rpm, 精密精度为G2.5/20000rpm, 订购时请注明具体精度
- ★:Note: 1. See figure 1,when the arbor being used,it is necessary to fix inner 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	69.85	II
DIN69871, A50-MTB1-45	146.8	25		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



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

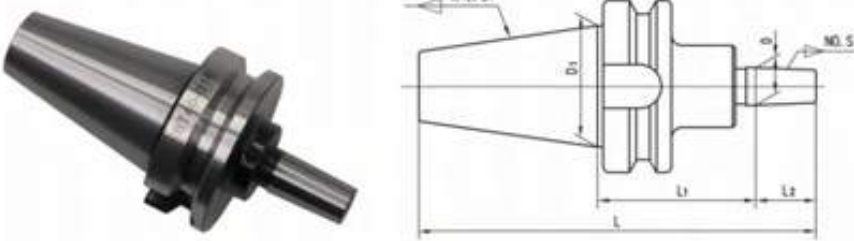


- ★: 示意图1所示的刀柄使用时需安装内六角螺钉
- ★: 示意图2所示的刀柄使用时需安装内六角螺钉及螺纹套
- ★: 示意图3所示的刀柄使用时无需内六角螺钉
- ★: 根据需要可提供动平衡刀柄, 动平衡标准精度为G6.3/12000rpm, 精密精度为G2.5/20000rpm, 订购时请注明精度
- ★: Note: See figure 1, when the arbor being used, it is necessary to fix inner hex screw.
- ★: See figure 2, when the arbor being used, it is necessary 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 note 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	69.85	II
CAT50-MTB2-60	161.6	31.75		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



BT锥数控钻接刀柄 DRILL CHUCK ARBORS

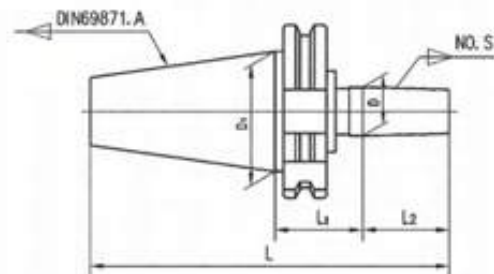


- ★: 刀柄采用进口高强度材质, 经特殊处理后产品具有高耐磨性
- ★: 柄部与机床主轴连接, 前端与各种内锥式钻头头联用

- ★: 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

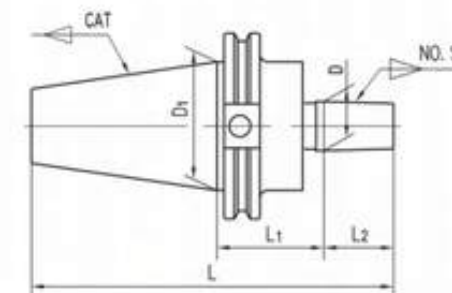
DIN 锥数控钻接刀柄 DRILL CHUCK ARBORS



- ★: 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

CAT 锥数控钻接刀柄 DRILL CHUCK ARBORS

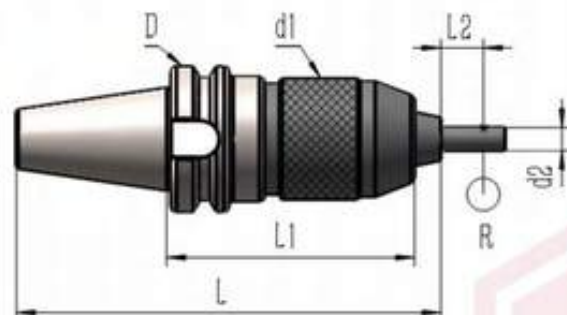


- ★: 采用进口高强度材质, 经特殊处理后产品具有高耐磨性
- ★: 柄部与机床主轴连接, 前端与各种内锥式钻夹头联用
- ★: The holder is made of imported high strength material and has high wear resistance after special treatment
- ★: The shank is connected with the spindle of the machine, and the front end is used in conjunction with various internal cone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

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

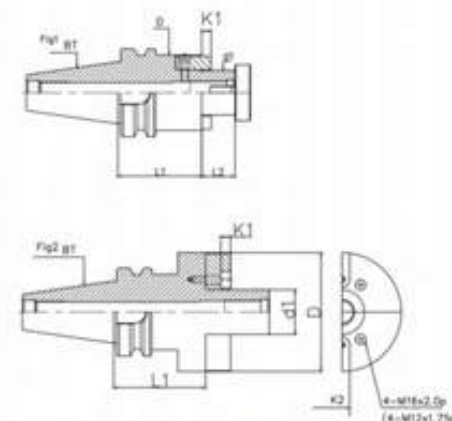
型号 Model No.	L1mm	Lmm	L2mm	Dmm	d1mm	d2mm	R	重量 Wt(kg)
BT30-APU8-85	85	139.4	55	46	37	8	0.04	0.72
BT30-APU13-110	110	170.4	75		50	13	0.04	1.85
BT30-APU16-125	125	185.4	80		57	16	0.04	2.18
BT40-APU8-90	90	161.4	55	63	37	6	0.04	1.46
BT40-APU13-100	100	177.4	75		50	13	0.04	2.00
BT40-APU16-105	105	182.4	80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

BT/FMA 平面铣刀柄

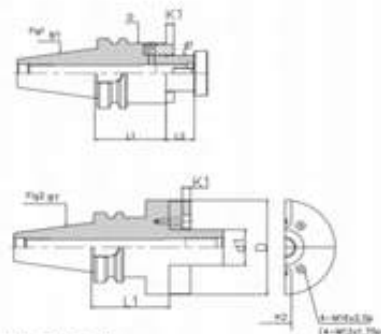
BT/FMA SHELL MILL ARBORS



- ★: 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

BT/FMB平面铣刀柄 BT/FMB SHELL MILL ARBORS

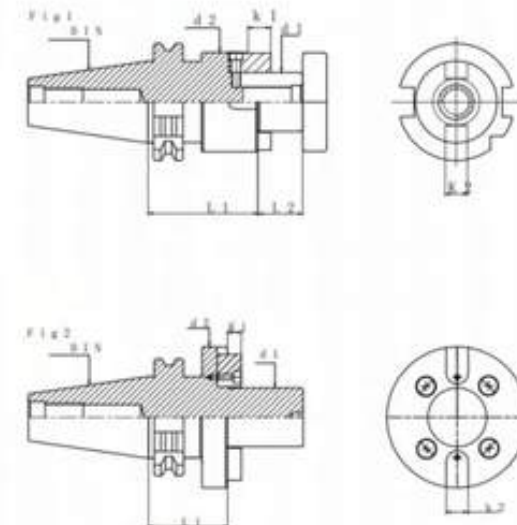


- ★: 刀柄采用进口高强度材质, 经特殊处理后产品具有高耐磨性
- ★: 用于加工中心或数控机床的专用刀柄, 前端装配刀盘
- ★: 订购时请注明刀柄的标准形式, 如需中心进水与法兰盘侧面进水冷却的刀柄, 请注明AD/B
- ★: 根据需要可提供动平衡刀柄, 动平衡标准精度为G6.3/12000rpm, 精密精度为G2.5/20000rpm, 订购时请注明具体精度
- ★: The holder is made of imported high strength material and has high wear resistance after special treatment
- ★: 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-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

DIN69871/FMB 平面铣刀柄

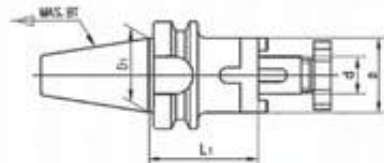
DIN69871/FMB SHELL MILL ARBORS



- ★: 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

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

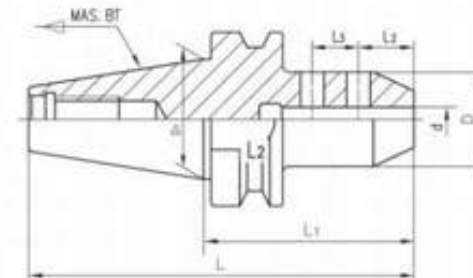
- ★: 刀柄采用进口高强度材质, 经特殊处理后产品具有高耐磨性
- ★: 用于加工中心或数控机床的专用刀柄, 前端连接刀盘, 用于铣削
- ★: 订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄, 请标明AD/B型, 如BT40AD/Bx32-60
- ★: 根据需要可提供动平衡刀柄, 动平衡标准精度为G6.3/12000rpm, 精密精度为G2.5/20000rpm, 订购时请注明具体精度
- ★: The holder is made of imported high strength material and has high wear resistance after 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	4.40
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 x d-L1	D	D1	重量 Wt(kg)
DIN69871 A30x16-55	32	31.75	1.00
DIN69871 A30x22-55	40	31.75	2.00
DIN69871 A30x27-55	48	31.75	2.10
DIN69871 A30x32-60	58	31.75	1.80
DIN69871 A30x40-60	70	31.75	7.30
DIN69871 A40x16-55	32	44.45	1.20
DIN69871 A40x16-100	32	44.45	1.50
DIN69871 A40x22-55	40	44.45	1.23
DIN69871 A40x22-100	40	44.45	1.83
DIN69871 A40x27-55	48	44.45	1.30
DIN69871 A40x27-100	48	44.45	2.20
DIN69871 A40x32-60	58	44.45	1.50
DIN69871 A40x32-100	58	44.45	2.30
DIN69871 A40x40-60	70	44.45	1.80
DIN69871 A40x40-100	70	44.45	3.00
DIN69871 A50x16-63	32	69.85	3.50
DIN69871 A50x16-100	32	69.85	3.80
DIN69871 A50x22-70	40	69.85	3.60
DIN69871 A50x22-100	40	69.85	4.00
DIN69871 A50x27-70	48	69.85	3.70
DIN69871 A50x27-100	48	69.85	4.40
DIN69871 A50x32-70	58	69.85	3.80
DIN69871 A50x32-100	58	69.85	4.70
DIN69871 A50x40-75	70	69.85	3.90
DIN69871 A50x40-100	70	69.85	5.30
DIN69871 A50x50-75	90	69.85	4.50
DIN69871 A50x50-125	90	69.85	7.20

BT 锥数控立铣刀柄

END MILL ADAPTERS



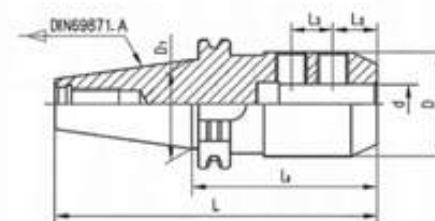
- ★: 刀柄采用进口高强度材质, 经特殊处理后产品具有高耐磨性
- ★: 刀柄用于数控机床, 内孔配刀具
- ★: 订购时请注明刀柄的标准形式。如需中心进水与法兰盘侧面进水冷却的刀柄, 请标明AD/B型, 如BT40AD/Bx12-63
- ★: 根据需要可提供动平衡刀柄, 动平衡标准精度为G6.3/12000rpm, 精密精度为G2.5/20000rpm, 订购时请注明具体精度
- ★: The holder is made of imported high strength material and has high wear resistance after special treatment
- ★: 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

数控立铣刀柄 END MILL ADAPTERS

型号 Model No. BT-d-L1	L mm	D mm	D1 mm	L2 mm	L3 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	25	2.10
BT40- 25-90	155.4	53	44.45	24		2.07
BT40- 25-100	165.4	53	44.45	24		2.08
BT40- 32-100	165.4	61	44.45	24		2.25
BT40- 32-160	225.4	61	44.45	24		2.30
BT40- 40-120	185.4	80	44.45	30		2.50
BT40- 40-100	165.4	80	44.45	30		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		4.28
BT50- 25-150	251.8	53	69.85	24		4.35
BT50- 25-200	301.8	53	69.85	24		4.40
BT50- 32-100	201.8	61	69.85	24		4.44
BT50- 32-150	251.8	61	69.85	24	28	4.56
BT50- 40-110	211.8	80	69.85	30		4.58
BT50- 40-120	221.8	80	69.85	30		4.58
BT50- 50-150	251.8	100	69.85	35		4.90

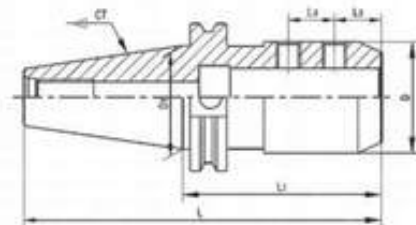
DIN 锥数控立铣刀柄 END MILL ADAPTERS



- ★: 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-L1	L	D	D1	L2	L3	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		2.04
DIN69871.A40- 32-100	168.4	61	44.45	24		2.24
DIN69871.A40- 40-120	188.4	80	44.45	30		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		4.40
DIN69871.A50- 32-100	201.75	61	69.85	24		4.52
DIN69871.A50- 40-120	221.75	80	69.85	30		4.72

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.

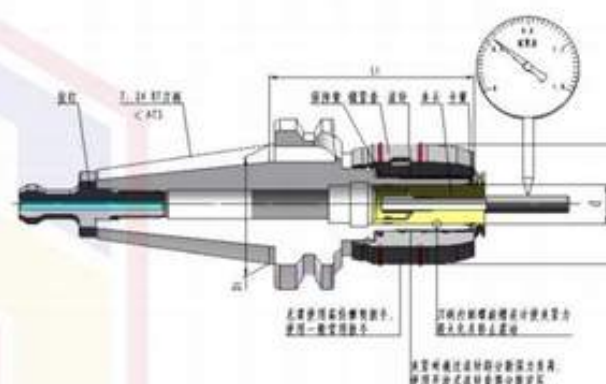
型号 Model No. CAT-D-L1	L mm	D mm	D1 mm	L2 mm	L3 mm
CAT40-3/16"-2~1/2"	131.8	19.05	44.45	14.3	
CAT40-1/4"-2~1/2"	131.8	20.6		19.8	
CAT40-5/16"-2~1/2"	131.8	22.22		19.8	
CAT40-3/8"-2~1/2"	131.8	31.75		19.8	
CAT40-1/4"-63	131.25	20.6		19.8	
CAT40-1/2"-2~5/8"	134.9	44.45		22.2	
CAT40-5/8"-2~1/2"	131.8	44.45		23.8	
CAT40-3/4"-3~3/4"	163.5	44.45		25.4	
CAT40-7/8"-4"	169.9	52	69.85	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		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

BT 数控强力刀柄

POWER MILLING CHUCK



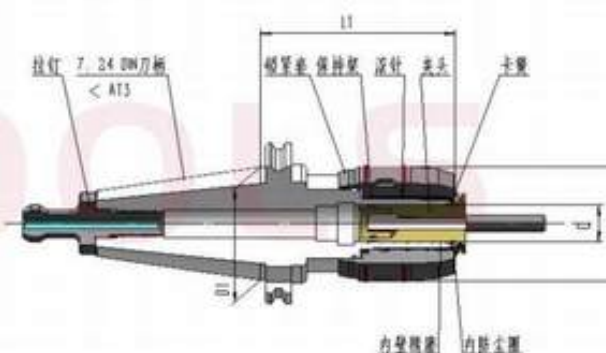
- ★: 采用高强度特殊材质, 淬火、回火后经特殊处理, 产品性能稳定, 耐磨耐用
- ★: 采用滚针式旋转夹紧, 力度均匀牢固, 降低了切削振动, 可用于强力切削
- ★: Adopt high strength special material, after quenching, through cryogenic treatment, the product performance is stable, wear-resisting and durable
- ★: Adopt needle rolling rotary clamping, the force is even and firm, 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	69.85
BT50-C20-100	20	56	
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



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	69.85
DIN69871.50-C20-110	20	56	
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	

优 耐 淬 厚

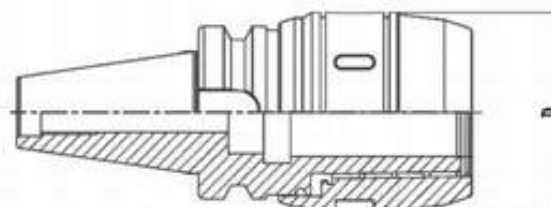
精选钢材 Best steel 耐磨耐用 Good quality 淬火加硬 Quenching hardened 加厚设计 Increase thickness

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 1 spanner

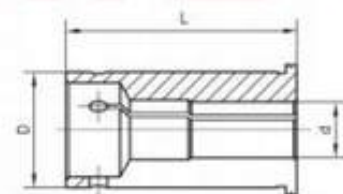


- ★: 订货时, 请注明夹头体的型号及拉杆螺纹
Please notify the thread of collet chuck draw bar
- ★: 我们还可以根据您的要求, 提供不同规格及件数的成套夹头, 夹头体
We are glad supply collets and chucks with different shank and quantities according to your requirement

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

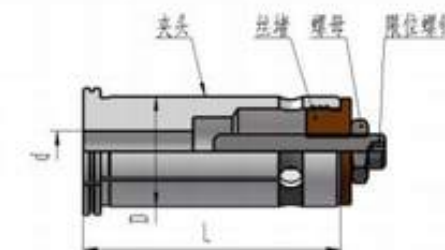
- ★: 采用高强度特殊材质, 淬火、回火后经深冷处理, 产品性能稳定, 耐磨耐用
- ★: 采用滚针式旋转夹紧, 力度均匀牢固, 降低了切削振动, 可用于强力切削
- ★: 属于高精度弹性夹头, 定心精度高
- ★: Adopt high strength special material, after quenching, through cryogenic treatment, the product performance is stable, wear-resisting and durable
- ★: Adopt needle rolling rotary clamping, the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

可限位直柄铣夹头 MILLING COLLET

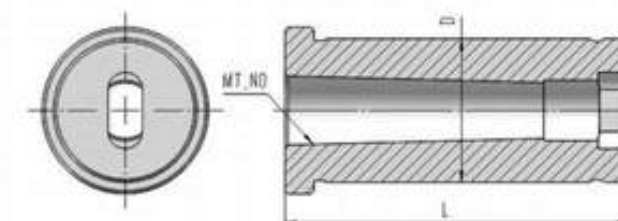
- ★: 采用高强度特殊材质, 淬火、回火后经深冷处理, 产品性能稳定, 耐磨耐用
- ★: 夹头增加了限位结构, 在对刀具定长的同时使夹持更稳固
- ★: 采用滚针式旋转夹紧, 力度均匀牢固, 降低了切削振动, 可用于强力切削
- ★: 属于高精度弹性夹头, 定心精度高
- ★: Adopt high strength special material, after quenching, through cryogenic treatment, the product performance is stable, wear-resisting and durable
- ★: The clamp 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

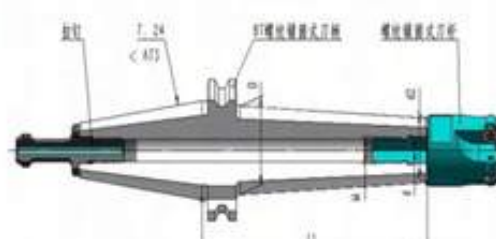
- ★: 采用高强度特殊材质, 淬火、回火后经深冷处理, 产品性能稳定, 耐磨耐用
- ★: 采用滚针式旋转夹紧, 力度均匀牢固, 降低了切削振动, 可用于强力切削
- ★: 变径套内锥可夹持莫氏柄刀具
- ★: Adopt high strength special material, after quenching, through cryogenic treatment, the product performance is stable, wear-resisting and durable
- ★: Adopt needle rolling rotary clamping, the force 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

螺纹锁固式刀柄 THREAD LOCKING TYPE CHUCK

螺纹锁固式刀柄 THREAD LOCKING TYPE CHUCK



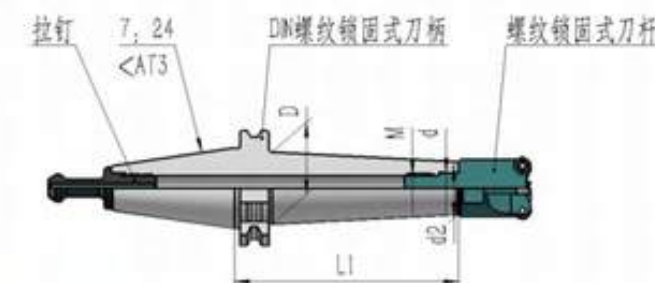
- ★: 采用高强度特殊材质, 经特殊处理后产品具有高耐磨性
- ★: 淬火硬度可达HRC58-62, 渗碳深度>0.8mm
- ★: 标准动平衡精度G6.3/12000rpm
- ★: The holder is made of imported high strength material and has high wear resistance after special treatment
- ★: Quenching hardness up to HRC58-62, carburizing depth of > 0.8 mm
- ★: Standard dynamic equilibrium 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 joint it can be replaced quickly to reduce the cost.
- ★: The locking method of threaded tool handle relies on the screw teeth for simple locking operation convenient

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

螺纹锁固式刀柄 THREAD LOCKING TYPE CHUCK 螺纹锁固式刀柄

螺纹锁固式刀柄 THREAD LOCKING TYPE CHUCK



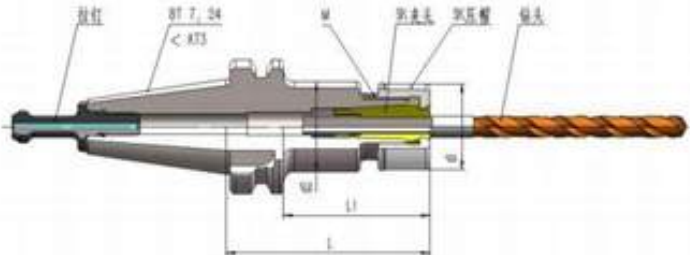
- ★: 采用高强度特殊材质, 经特殊处理后产品具有高耐磨性
- ★: 淬火硬度可达HRC58-62, 渗碳深度>0.8mm
- ★: 标准动平衡精度G6.3/12000rpm
- ★: The holder is made of imported high strength material and has high wear resistance after special treatment
- ★: Hardness up to HRC58-62, carburizing depth of > 0.8mm
- ★: Standard dynamic equilibrium G6.3/12000rpm

- ★: 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 joint it can be replaced quickly to reduce the cost.
- ★: The locking method of threaded tool handle relies on the screw teeth for simple locking operation convenient

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



BT/SK SK高转速精密刀柄系列 BT/SK SK high speed precision holder series



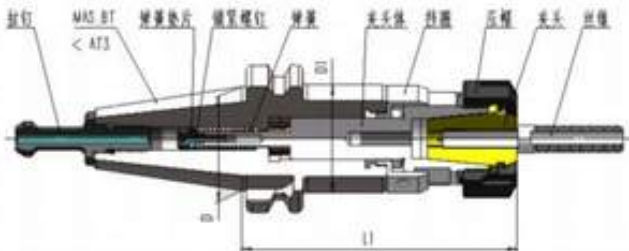
- ★: 刀柄采用高强度特殊材质，经特殊处理后产品具有高耐磨性
- ★: 锥度精度: <AT3
- ★: 硬度: HRC58-62
- ★: 渗碳深度: >0.8mm
- ★: 刀柄精密动平衡 G2.5/20000rpm

- ★: The holder is made of imported high strength material and has high wear resistance after special treatment
- ★: Precision taper: <AT3
- ★: Hardness: HRC58-62
- ★: 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



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

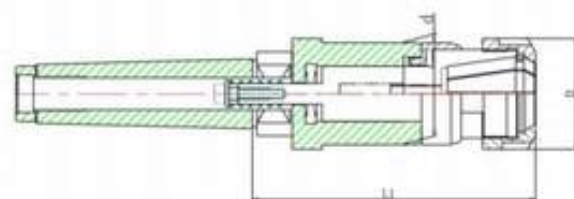
型号 Model No.	D	L1	D1
BT30-TER20-100	31.75	100	36
BT30-TER25-100		100	42
BT40-TER20-100	44.45	100	36
BT40-TER25-110		110	42
BT40-TER32-110		110	46
BT40-TER40-120		120	56
BT50-TER20-120	69.85	120	36
BT50-TER25-120		120	42
BT50-TER32-120		120	46
BT50-TER40-130		130	56
型号 Model No.	D	L1	D1
DIN69871.40-TER20-100	44.45	100	36
DIN69871.40-TER25-110		110	42
DIN69871.40-TER32-110		110	46
DIN69871.40-TER40-120		120	56

工具系统 | TOOL SYSTEM

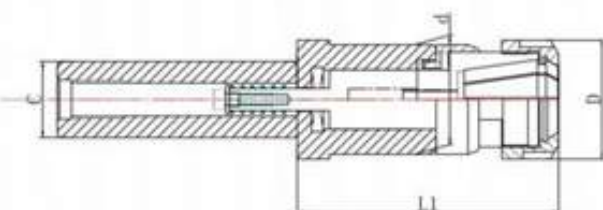


MS直柄TER攻丝刀柄 MS STRAIGHT SHANK TER TAPPING HOLDER

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



ISO30拉钉 RETENTION KNOB

型号 Model No.	L1	D
ISO30-ER32-L1		
ISO30-ER32-45	45	45
ISO30-ER32-60	60	45
ISO30-ER32-100	100	45
ISO30-OZ25-70	70	45

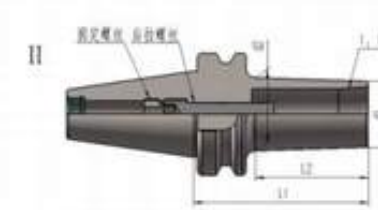
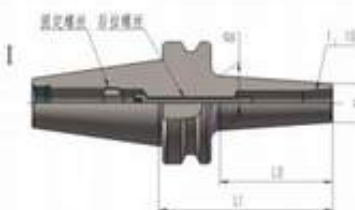
哥伦布拉钉 COLUMBUS



工具系统 | TOOL SYSTEM

BT/DC SILM-FIT COLLET CHUCK BT/DC后拉式立铣刀夹头体

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 design reduces interference while cutting
- ★:Quenching hardness up to HRC58-62, carburizing depth of >0.8 mm
- ★:Standard dynamic equilibrium 2.5/20000rpm

规格Spec.	夹持范围 Gripping Range	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	14	21.2	DC06-M5	DC06-M12	PT5	6.0	I	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	26	38.1	DC12-M10	DC12-M14	PT6	10.0		0.84
BT30-DC20-80	3-20	DC20	80	55	34	37.7	DC20-M12	DC20-M16	PT8	12.0	II	0.68
BT30-DC20-100			100	77	34	39.2	DC20-M12	DC20-M16	PT8	12.0		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	14	20.1	DC06-M5	DC06-M12	PT5	6.0	I	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	26	31.6	DC12-M10	DC12-M14	PT6	10.0		1.38
BT40-DC20-70	3-20	DC20	70	33	35	38.1	DC20-M12	DC20-M16	PT8	12.0	II	1.50
BT40-DC20-100			100	68	35	41	DC20-M12	DC20-M16	PT8	12.0		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	14	19.1	DC06-M5	DC06-M12	PT5-S	6.0	I	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	26	30.6	DC12-M10	DC12-M14	PT6-S	10.0		4.30
BT50-DC20-70	3-20	DC20	70	22	35	36.9	DC20-M12	DC20-M16	PT8-S	12.0	II	3.90
BT50-DC20-100			100	52	35	39.6	DC20-M12	DC20-M16	PT8-S	12.0		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	5	130	6.0
PT6	6	70	10.0
PT6-S	6	130	10.0
PT8	8	140	12.0

固定螺丝 Fixed Screw

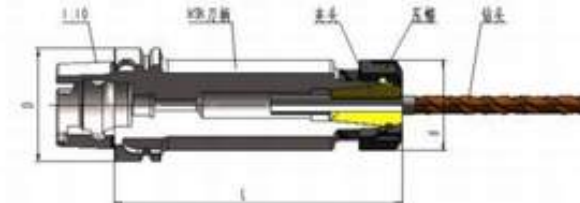


规格Spec.
DC06-M12
DC12-M14
DC20-M16



- ★: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			22	0.18
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

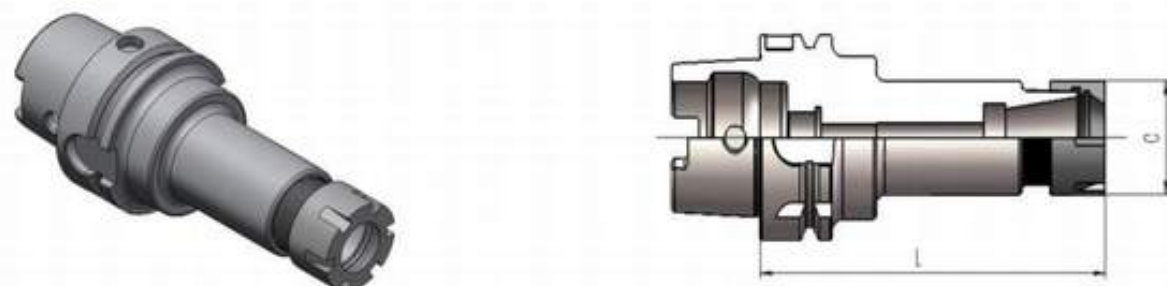


- ★:HSK刀柄采用高强度材质加工, 在淬火、回火后经深冷处理, 性能稳定, 耐磨耐用
- ★:属于高速切削应用刀具的柄, 可承受最大弯矩、扭矩
- ★:ER夹头符合DIN6499标准
- ★:整支通孔, 利于出水防震
- ★:夹头精度有标准级 (0.01mm以内), A级 (0.005mm)
- ★:刀具置入筒夹必须先置入螺帽, 再装入刀具, 最后锁紧入刀柄体

- ★:Adopt high strength special material, after quenching, through cryogenic treatment, the product performance is stable, wear-resisting and durable
- ★: HSK tool holder is 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 nut to lock the holder

型号 Model No	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

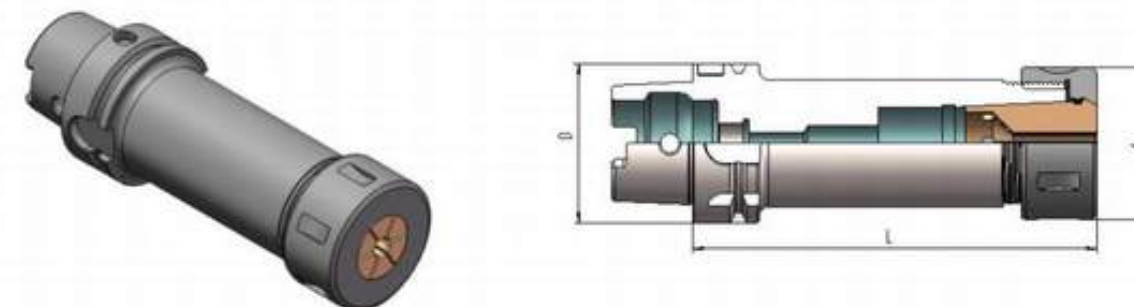
HSK(A型)ERM型铣刀柄 COLLET CHUCK



- ★: 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
- ★: 刀具置入简夹必须先置入螺帽, 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 holder is 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 chuck run-out precision have standard grade 0.002mm
- ★: First put the collet into the nut, then the drill bit into collet, and finally tighten the nut to 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

HSK(A型)EOC/OZ型铣刀柄 COLLET CHUCK

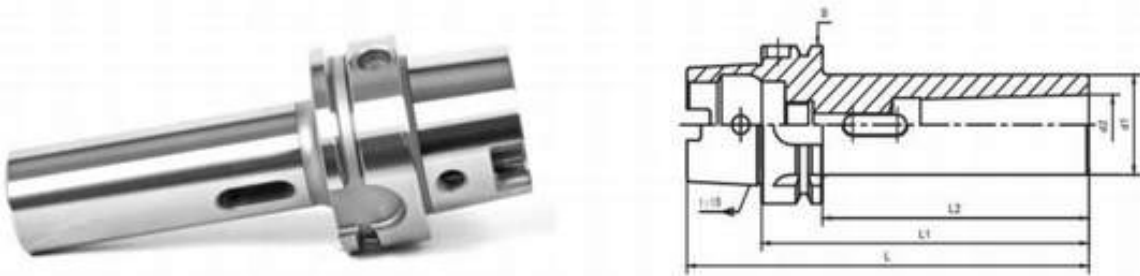


- ★: HSK刀柄采用高强度材质加工, 在淬火、回火后经深冷处理, 性能稳定, 耐磨耐用
- ★: 该刀柄是用于高速切削应用刀具的柄, 可承受最大弯矩、扭矩
- ★: 钢珠螺帽设计, 增大了夹持力, 属于重切削专用
- ★: 简夹规格符合DIN6388标准
- ★: 整支通孔, 利于出水防震
- ★: 刀具置入简夹必须先置入螺帽, 再装入刀具, 最后锁固入刀柄体
- ★: Adopt high strength special material, after quenching, through cryogenic treatment, the product performance is stable, wear-resisting and durable
- ★: HSK tool holder is 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 nut to 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	63	60	2.30
HSK 63A-OZ25-100	100			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		72	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		72	4.50



HSK (A型) 变径套 MORSE TAPER ADAPTER

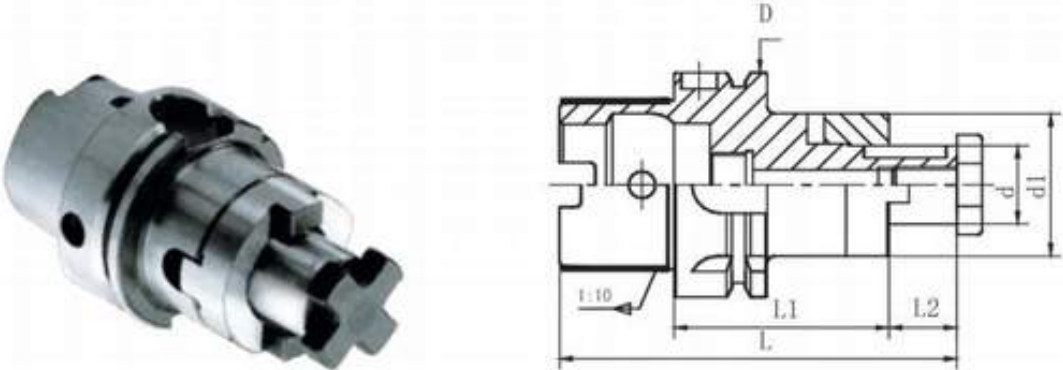


- ★: HSK刀柄采用高强度材质加工，在淬火、回火后经深冷处理，性能稳定，耐磨耐用
- ★: 该刀柄是用于高速切削应用刀具的柄，可承受最大弯矩、扭矩
- ★: 内锥可装夹刀具用于加工零件
- ★: 可快速取出刀具，使用方便
- ★: 降低了刀具和刀套的磨损度
- ★: Adopt high strength special material, after quenching , through cryogenic treatment, the product performance is stable, wear-resisting and durable
- ★ HSK tool handle 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



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

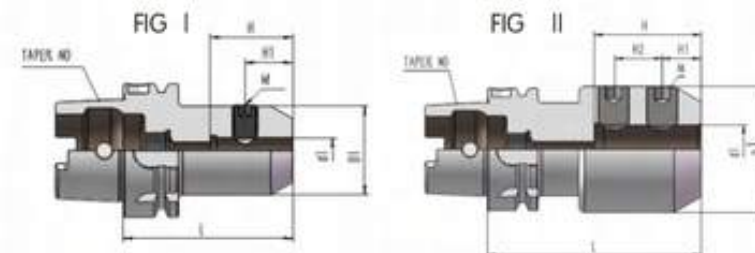
HSK (A型) 套式铣刀柄 SHELL END MILL HOLDER



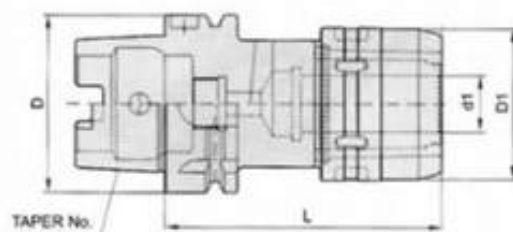
- ★: HSK刀柄采用高强度材质加工, 在淬火、回火后经深冷处理, 性能稳定, 耐磨耐用
- ★: 该刀柄是用于高速切削应用刀具的柄, 可承受最大弯矩、扭矩
- ★: 前端装配刀盘, 用于各种铣削
- ★: 此结构有助于缓冲和均匀分布切削力
- ★: Adopt high strength special material, after quenching, through cryogenic treatment, the product performance is stable, wear-resisting and durable
- ★ HSK tool holder is used 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

HSK刀柄-侧固式 HSK-SIDE LOCK TOOL HOLDER



HSK数控强力刀柄 MILLING CHUCK ARBORS

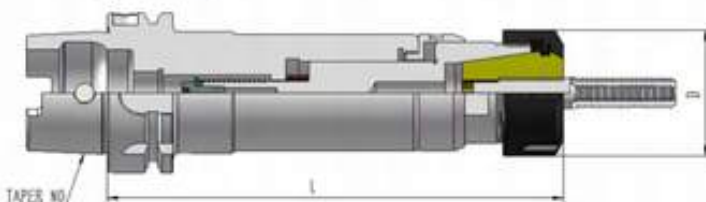


- ★: 刀柄采用高强度材质在淬火、回火后经深冷处理,性能稳定,耐磨耐用
- ★: HSK刀柄是用于高速切削应用刀具的柄,可承受最大弯矩、扭矩
- ★: 具有夹紧力大,定心精度高的特点,特别适用于强力切削加工
- ★: Adopt high strength special material, after quenching, through cryogenic treatment, the product performance is stable, wear-resisting and durable
- ★: HSK tool holder is used for high speed cutting 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

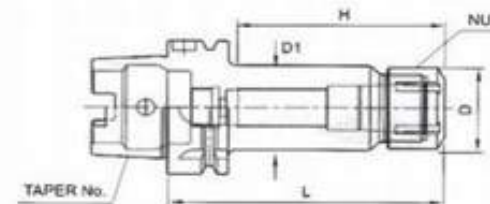
HSK-TER 刀柄

- ★: 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



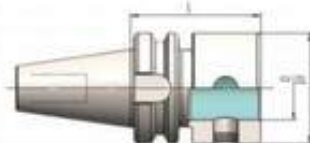
- ★: 刀柄采用高强度材质在淬火、回火后经深冷处理,性能稳定,耐磨耐用
- ★: HSK刀柄是用于高速切削应用刀具的柄,可承受最大弯矩、扭矩
- ★: SK夹头具有高转速,高精度特性,是数控机床专用夹头
- ★: Adopt high strength special material, after quenching, through cryogenic treatment, the product performance is stable, wear-resisting and durable
- ★: HSK tool holder is used for high speed cutting applications, it can withstand the maximum bending moment and torque
- ★: 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	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

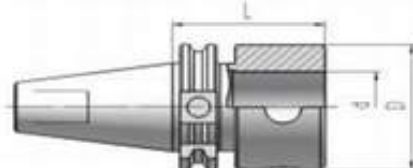
BT组合基础刀柄 BORING SHANK

BT 组合基础刀柄 BORING SHANK

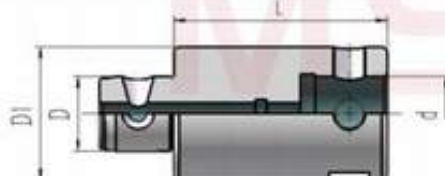
- ★:采用高强度特殊材质加工, 产品性能稳定, 耐磨耐用
- ★:柄部与机床主轴连接, 前端内孔装配不同规格的组合刀柄
- ★:Adopt high strength special material, through cryogenic treatment, the product performance is stable, wear-resisting and durable
- ★:The holder is connected with the machine, front end assembly can be fitted with different specifications 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



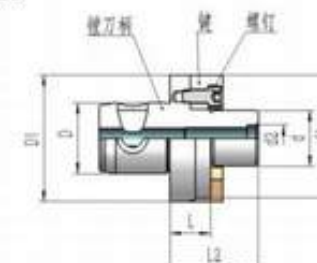
Cone	Modelo	d mm	D mm	L mm
DIN40	SK40 MD28-50	28	50	46
	SK40 MD36-63	36	63	66
DIN50	SK50 MD28-50	28	50	46
	SK50 MD36-63	36	63	56
	SK50 MD36-80	36	80	56



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			

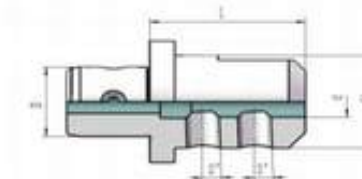
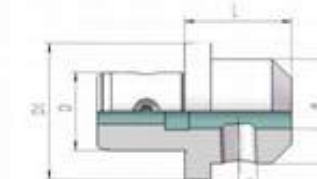
COMBINATION SERIES 组合刀柄系列

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
- ★:柄部与基础刀柄装配, 前端内孔装配不同规格的刀具
- ★: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

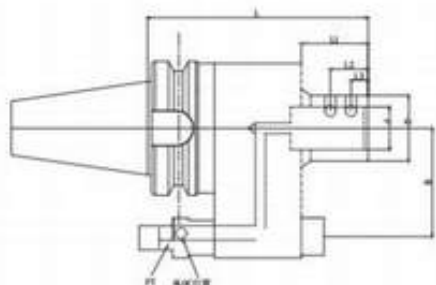
Modelo	L (mm)	L2 (mm)	D (mm)	D1 (mm)	d (mm)	d1 (mm)	d2 (mm)
CK28-FMB16-50-16	16	33	28	50	16	38	M8x1.25
CK28-FMB22-50-16	16	35	28	50	22	48	M10x1.5
CK36-FMB22-63-16	16	35	36	63	22	48	M10x1.5
CK36-FMB27-63-16	16	37	36	63	27	58	M12x1.75
CK36-FMB32-78-16	16	40	36	78	32	78	M16x2.0



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



型号 Model No.	D mm	d mm	L1 mm	L2 mm	L3 mm	B mm	D1 mm
BT40-SLO32-150	53	32	50	15	15	60/65	36
SL040-150	60	40	50	18	19	60/65	42
BT50-SLO32-160	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

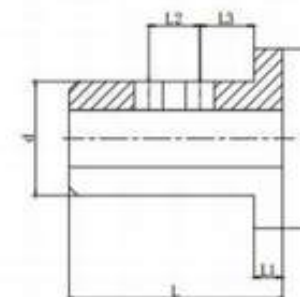
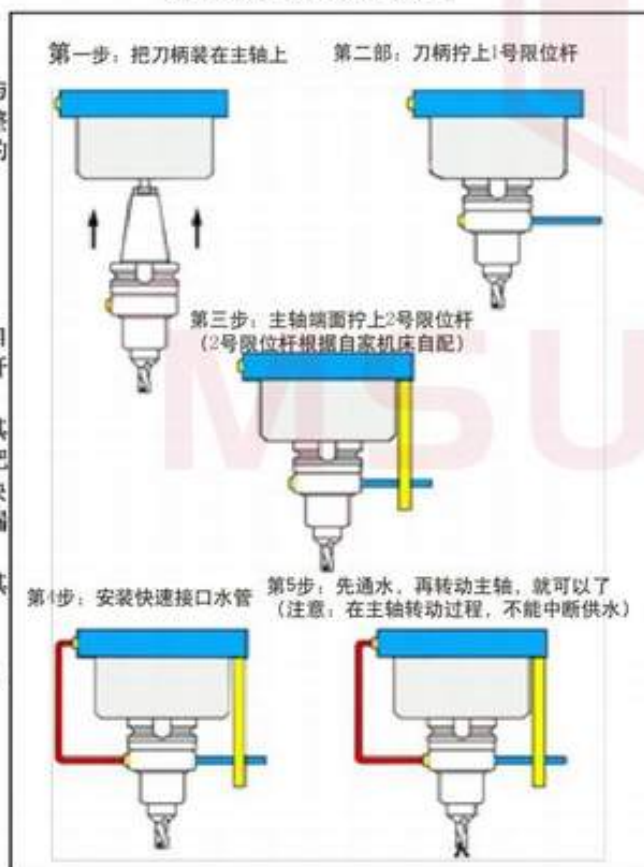
油路刀柄安装调整步骤

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

- 首先把固定块安装在机床端面, 固定块进水管接上。
- 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)
- 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块厚度)
- 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。

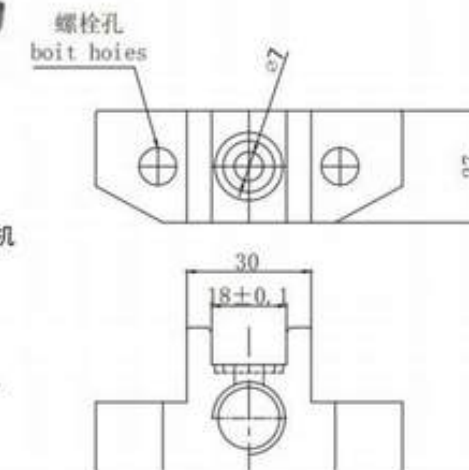
以上完成后, 先用 S100-300-500 进行油路刀柄磨合 (10 分钟) 在使用过程中最高转速不得超过 BT40S3500, BT50S300.



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.

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	6	12	
C10— ER8M—100	117	17			
C10— ER8M—150	167				
C10— ER8M—180	197				
C12— ER8M—55	72				
C12— ER8M—120	137	26.5	6.6	16	M5×0.8
C12— ER8M—180	206.5				
C12— ER11M—80	96.6	16.6			
C16— ER11M—50	66.6				
C16— ER11M—100	116.6				
C16— ER11M—140	156.6				
C16— ER16M—80	105	25	10.6	22	M10×1.5
C20— ER16M—100	125				
C20— ER16M—140	165				
C20— ER16M—160	185				
C20— ER20M—60	100	40	11.5	28	M12×1.75
C20— ER20M—100	140				
C20— ER20M—120	160				
C20— ER20M—150	190				
C20— ER20M—180	220				
C25— ER20M—140	168	28	12	35	
C20— ER25M—100	150	50			

C/ER 直柄延长杆 C/ER Straight shank collet chuck and extension type



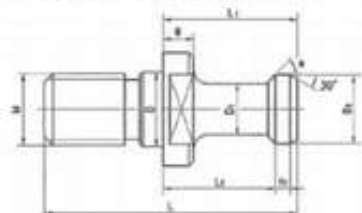
- ★: 采用高强度特殊材质加工, 产品性能稳定, 耐磨耐用
- ★: 柄身细长, 防干涉, 适用深孔加工
- ★: 可减少加长刀具的使用, 降低成本, 提高效率
- ★: 经精密研磨, 有效保证高精度
- ★: 螺帽直接拧紧, 刚性高, 夹持力强
- ★: Adopt high strength special material, through cryogenic treatment, the product performance is stable, wear-resisting and durable
- ★: Long shank, suitable for deep hole processing
- ★: 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	t1	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			0.25
C20- ER16A-100	140	40.5	M12×1.75	0.35
C20- ER16A-150	190			0.40
C20- ER20A-60	100.5			0.35
C20- ER20A-120	160.5			0.40
C20- ER20A-180	220.5			0.50
C20- ER20A-140	180.5	51	M12×1.75	0.50
C20- ER25-50	101			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	M12×1.75	0.45
C25- ER20A-140	180.5	40.5		0.55
C25- ER25-50	101	51	M16×2.0	0.40
C25- ER25-100	151			0.55
C25- ER32-50	101.5			0.60
C25- ER40-50	115			2.10
C32- ER32-60	111.5			1.15
C32- ER32-100	151.5	51.5		0.80
C32- ER40-50	115	65		2.23

MAS403-1982 BT刀柄用拉钉

RETENTION KNOB

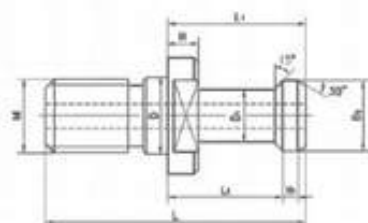
- ★:采用高强度特殊材质加工, 淬火、回火后经特殊处理, 产品性能稳定, 耐磨耐用
- ★:拉钉一端和机床卡口相连, 一端和刀柄相连, 起到对刀柄锁紧的作用
- ★:Adopt high strength special material, after quenching, through cryogenic treatment, the product performance is stable, wear-resisting and durable
- ★:One end of the pull stud is connected with the bayonet of the machine, 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

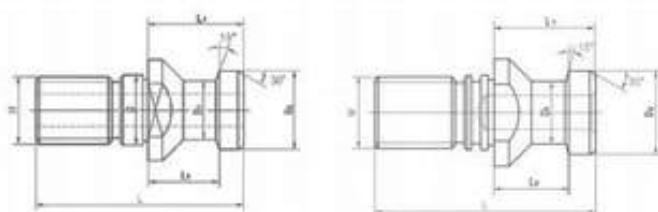
RETENTION KNOB



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

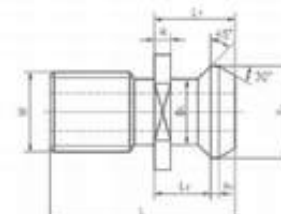
RETENTION KNOB



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

ANSI/ASME B5.50-1985 CAT 刀柄用拉钉 RETENTION KNOB

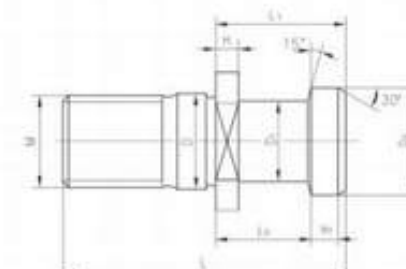
- ★:采用高强度特殊材质加工, 淬火、回火后经特殊处理, 产品性能稳定, 耐磨耐用
- ★:拉钉一端和机床卡口相连, 一端和刀柄相连, 起到对刀柄锁紧的作用
- ★:Adopt high strength special material, after quenching, through cryogenic treatment, the product performance is stable, wear-resisting and durable
- ★:One end of the pull stud is connected with the bayonet of the machine, 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

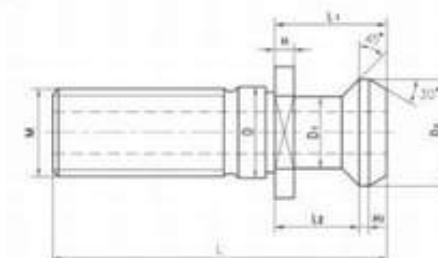
RETENTION KNOB



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

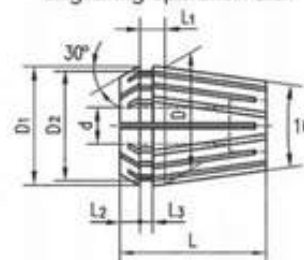


型号 Model No.	Dmm	D1mm	D2mm	M	Lmm	L1mm	L2mm	Hmm	H1mm
LDI-30B	13	9.3	13.3	M12	27	11.8	8.1	2.7	1.2
LDI-40B	17	12.95	18.95	M16	44.5	16.4	11.15	3.25	1.75
LDI-45B	21	16.3	24.05	M20	56	20.95	14.85	4.25	2.25
LDI-50B	25	19.6	29.1	M24	65.5	25.55	17.95	5.25	2.75

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, tapping, grinding and engraving operation etc.

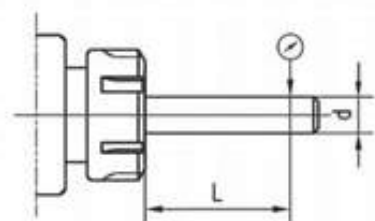


ER11-ER50

ER8

型号 Model No.	d H7mm	Dmm	D1mm	D2mm	Lmm	L1mm	L2mm	L3mm	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			

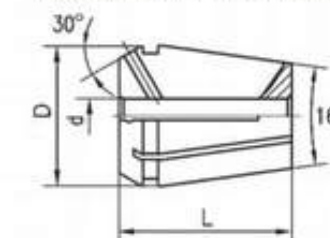
说明: 无特殊要求, 一般按 II 级供货, 如需 I 级, 则需特殊订货, 价格另议

If no special requirement, we would supply to you according to II grade; if you require I grade, the price would be advanced

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

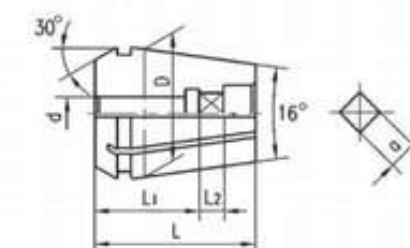


型号 Model No.	孔径 d	D	L
ER16C-d	2-10	16.6	27.5
ER20C-d	2-13	21.6	31.5
ER25C-d	2-16	25.6	34
ER32C-d	3-20	32.6	40
ER40C-d	3-26	40.6	46

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
	8.0X6.2	9.0X7.0	10X8.0	11X9.0	12X9.0
	16X12	18X14.5	20X16	22X18	25X20

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 and 1 spanner
- ★: Packed in a wooden case or plastic case



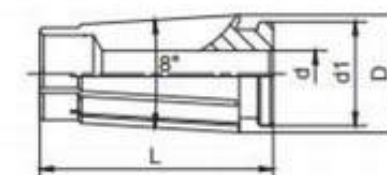
型 号 Model No.	孔 径 Hole size		支数/套 Pcs/set	柄 Shank
	in	mm		
ER16-8in (mm)	3/32 1/8 3/16 7/32 1/4 5/16 11/32 3/8	2 3 4 5 6 7 8 10	8	R8 MT2~ MT6 NT30
ER25-6in (mm)	1/8 3/16 5/16 3/8 1/2 5/8	4 6 8 10 12 16	6	NT40 NT50 C8 C10C12
ER25-10in (mm)	3/32 1/8 3/16 1/4 5/16 3/8 7/16 1/2 9/16 5/8	3 4 5 6 8 10 12 14 15 16	10	C16 C20 C25 C32
ER32-6in (mm)	1/4 5/16 3/8 1/2 5/8 3/4	6 8 10 12 16 20	6	C40 1/2" str. sh
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	5/8" str. sh 3/4" str. sh
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	1" str. sh
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 15 16 18 20 22 24 26	15	1-1/4" str. sh

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

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

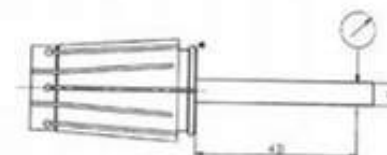
SK 高速筒夹套装 SK HIGH SPEED COLLET SET

- ★: 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 Type
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

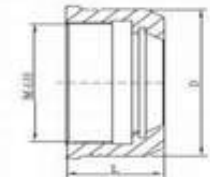
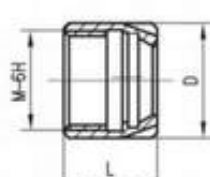
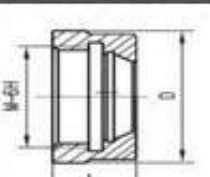
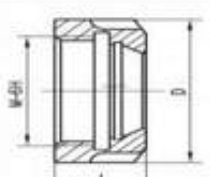
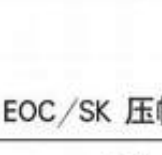
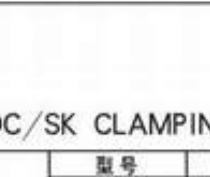
精度检测: Inspection of

Accuracy	径向跳动 (Run out)	
	A 级 (A class)	AA 级 (AA class)
4 × D	≤ 0.008	≤ 0.005

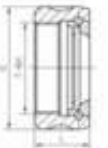




ER 压帽 ER NUT

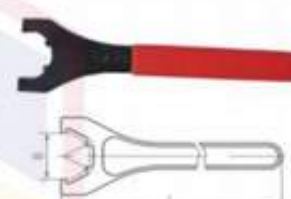
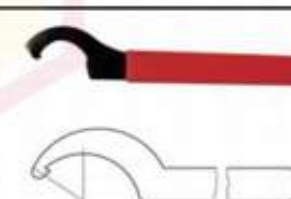
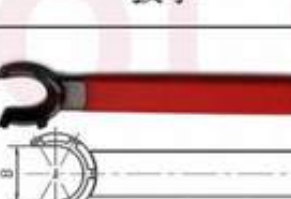
		型号 Model No.	型式 Type	D(mm)	L(mm)	M	重量 W(kg)
		ER16	T1	27	19	M2X1.5	0.005
		ER20	T1	35	21	M2.5X1.5	0.01
		ER25	T1	40	23.5	M2X1.5	0.14
		ER32	T1	48	24	M10X1.5	0.2
		ER8-M	M	12	12	M10X0.75	0.005
		ER11-M	M	16	12	M13X0.75	0.01
		ER16-M	M	22	18	M19X1	0.05
		ER20-M	M	28	19	M24X1	0.05
		ER25-M	M	35	20	M30X1	0.08
		ER11-T1	A	19	12	M14X0.75	0.005
		ER16-T1	A	28	19	M22X1.5	0.01
		ER20-T1	A	34	21	M25X1.5	0.05
		ER25-T2	UM	42	22	M2X1.5	0.14
		ER32-T2	UM	50	24	M10X1.5	0.2
		ER40-T2	UM	63	27	M50X1.5	0.3
		ER50-T2	UM	78	36	M64X2	0.5

EOC/SK 压帽 EOC/SK CLAMPING NUT

压帽		型号	D	L	T	压帽		型号	LMM		D	M
		Model No.	mm	mm				Model No.	Fig1	Fig2	mm	
		YMEOC/OZ8	26	19	M20×1.5			SK8	15	21	19.5	M15.5X1
		SK10	17	24	27.5			M21.5X1				
		YMEOC/OZ10	30	19	M22×1.5			SK16	24	31	40	M32X1.5
		YMEOC/OZ12	35	20	M27×1.5			SK20	27	35	48	M40X1.5
		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			SK25	30	37	55	M45X1.5



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
	SK06	19.5	120	
	SK10	27.5	130	
	SK16	40	193	
	SK20	48	200	
	SK25	55	210	