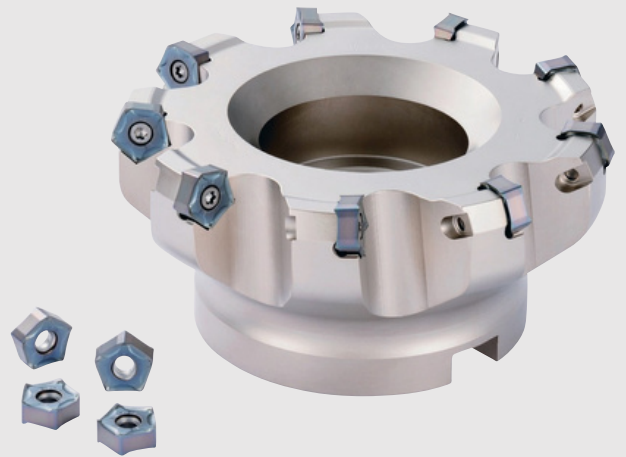




Highly Efficient Cutter with 66° (10-edge Insert)

Reduces Cutting Costs when Machining Auto Parts
and Other General Purpose Machining
Reduces Chattering with Low Cutting Force Design

MFPN66



Economical Inserts with 10 Cutting Edges. Reduces Chattering with Low Cutting Force Design

Double-sided Low Cutting force with 90° (6-edge Insert)

Sharp Cutting due to Lower Cutting Forces
Resistant to Chattering and Applicable to Long Overhang
MEGACOAT NANO Coated Insert Grade for Long Tool Life

MFWN90



Economical Double-sided 6-edge Insert. Superior Fracture Resistance due to Thick Edge Design

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新品上市

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M类 复合压紧式 Top and hole clamping

结构特点:

Design features

- 压板和偏心销双重紧固式。Top and hole clamping dualclamp.
- 紧固力强,适用于中~重切削用。Great 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



车削刀具 | TURNING TOOLS

产品预览 Product Overview

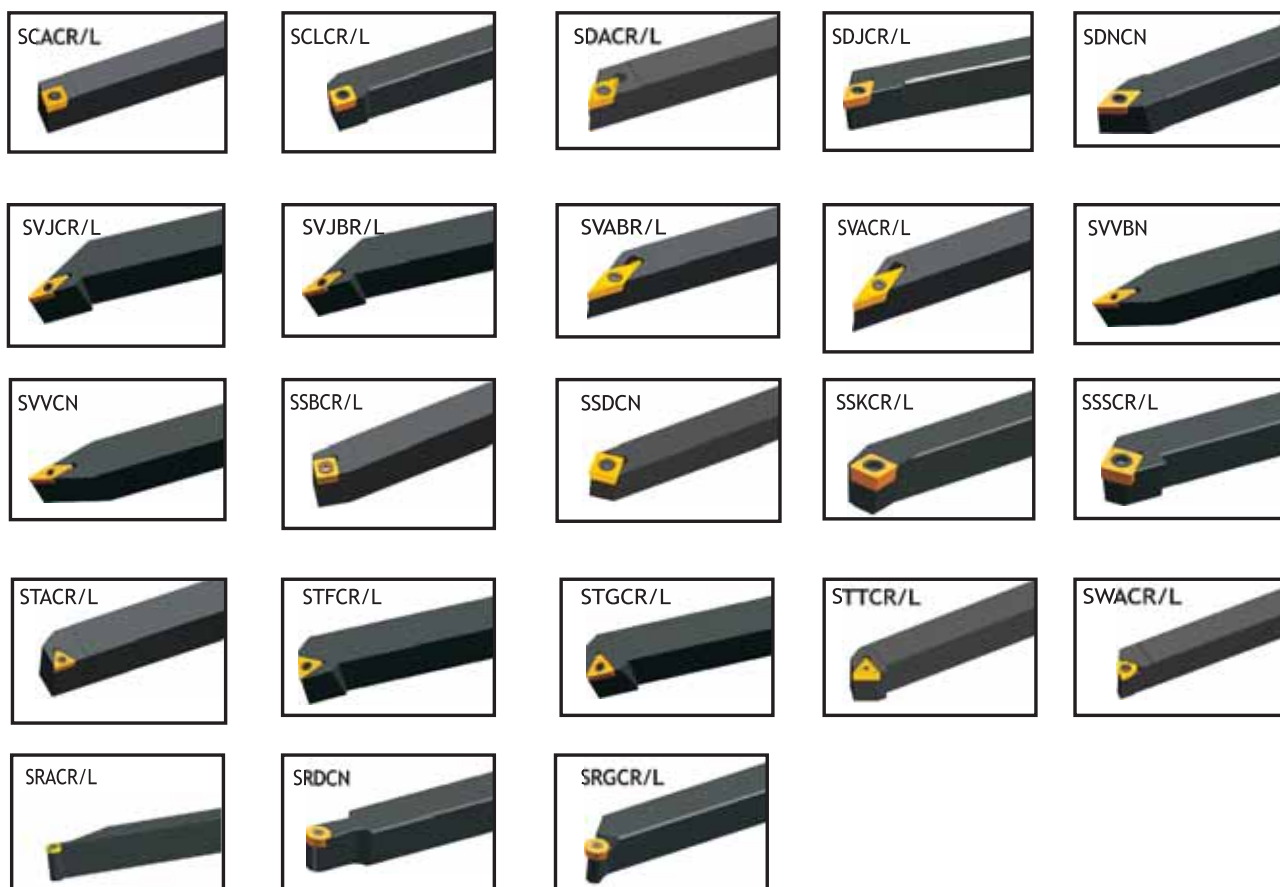


S类 螺钉压紧式 Screw on

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.



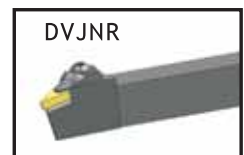
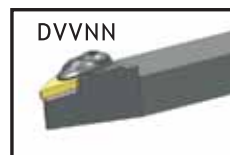
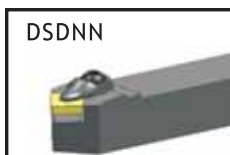
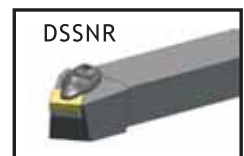
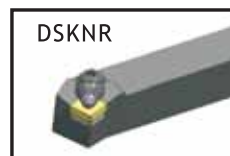
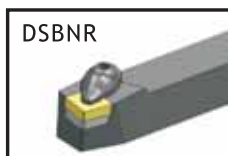
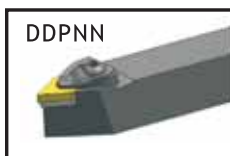
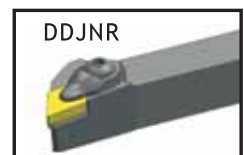
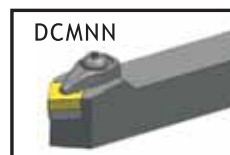
■ C类 压板压紧式 Top clamping



■ W 型压紧式 Wedge clamping



■ D型 压紧式 Wedge clamping



车削刀具 | TURNING TOOLS

产品预览 Product Overview

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



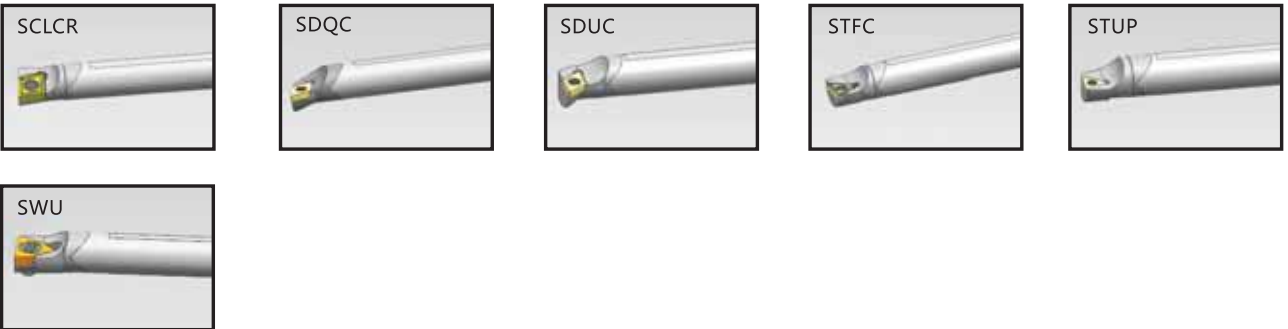
车削刀具 | TURNING TOOLS

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

■ S类 螺钉压紧式 Screw on



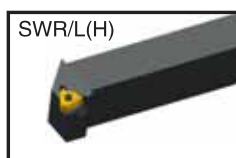
■ S类 钨钢内孔刀杆 Tungsten steel Internal Turning tools



车削刀具 | TURNING TOOLS

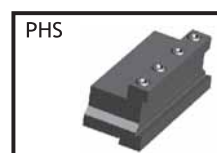
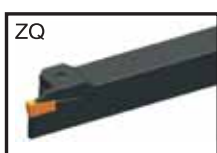
外圆车刀的型号表示规则 ISO-indexable Insert External Turning Tools Code Key

螺纹车削刀具 Threading tools



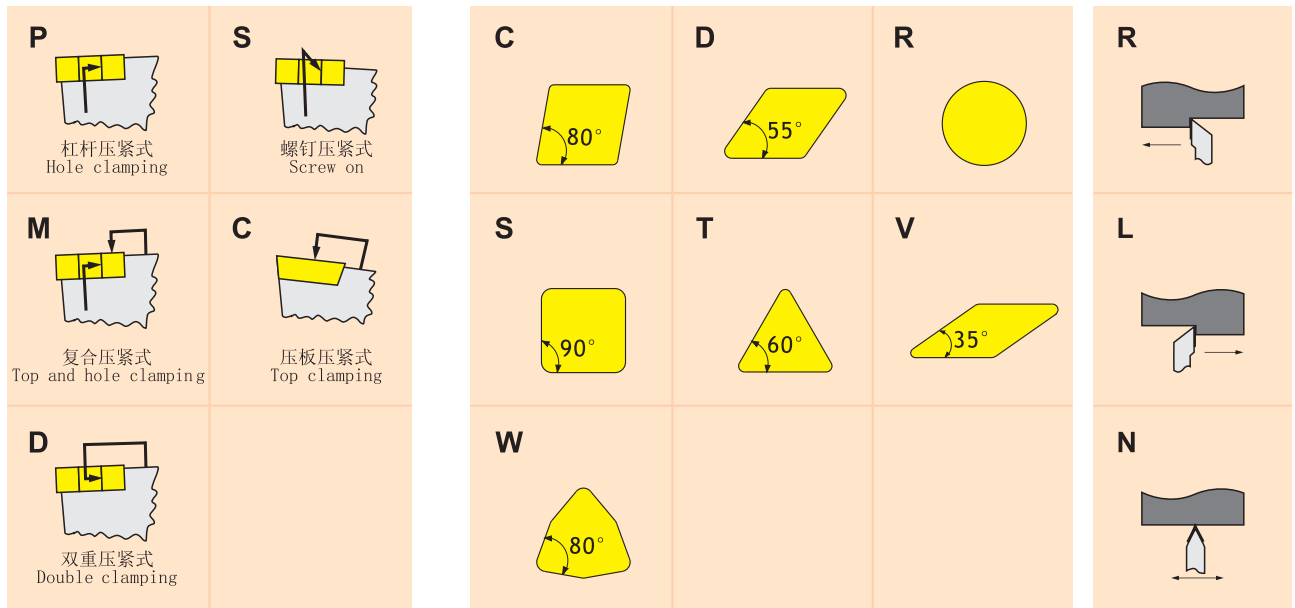
切断切槽刀具 Parting, grooving tools

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

范例 Example

2. 刀片形状 Insert shape

5. 切削方向 Cutting direction

M

C

L

N

R

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

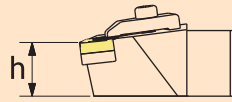
4. 刀片后角 Insert clearance angle

A 	B 	C 	D 	E 	F 	N 0°
H 	G 	J 	K 	L 	M 	B 5°
N 	O 	P 	Q 	R 	S 	C 7°
T 	U 	V 	W 	X 		P 11°
						D 15°
						E 20°

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

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

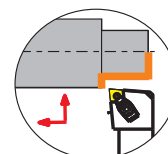
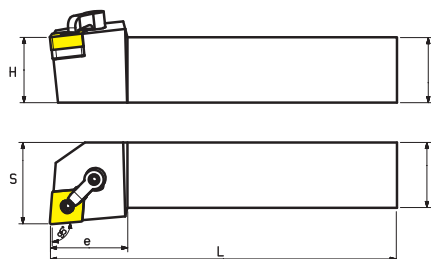
9.切削刃长 Cutting edge length

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

车削刀具 | TURNING TOOLS

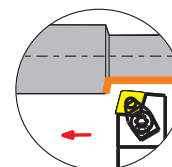
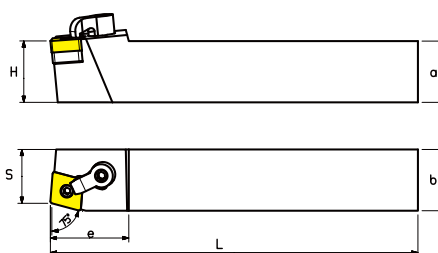
External turning toolholders 外圆车刀

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
		R	L												
MCLNR/L	1616H12			16	16	100	16	21	30	CN □□ 1204□□	WS061025	MC1204	S3	MCL1814	MSP617
	2020K12			20	20	125	20	25	28		WS061030				
	2525M12			25	25	150	25	32	32						
	3225P12			32	25	170	32	32	32						
	3232P12			32	32	170	32	39	32	CN□□ 1606□□	WS061030	MC1604	S3	MCL2114	MSP821
	2525M16			25	25	150	25	32	38						
	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

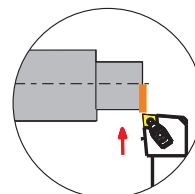
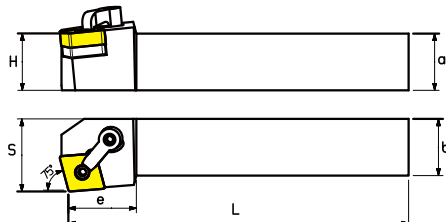


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉	
		Stock 库存		a	b	L	h	s	e						
		R	L												
MCBNR/L	2020K12			20	20	125	20	17	32	CN□ 1204□□	WS061025	MC1204	S3	MCL1814	MSP617
	2525M12			25	25	150	25	22	32		WS061030				
	3225P12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

车削刀具 | TURNING TOOLS

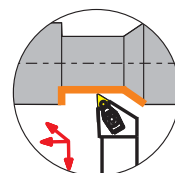
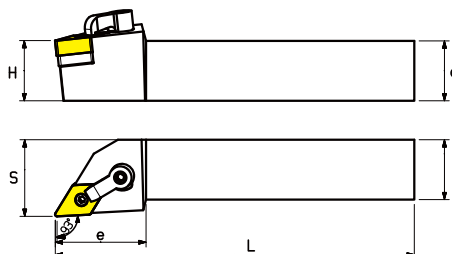
外圆车刀 External turning toolholders

MCKNR/L



Type 型号	Dimension(mm) 基本尺寸							配件 适用刀片	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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	2525M12	25	25	150	25	32	28		WS061030				
	3225P12	32	25	170	32	32	28						
	2525M16	25	25	150	25	32	30	CN□□ 1606□□	WS061030	MC1604	S3	MCL2114	MSP821
	3225P16	32	25	170	32	32	30						
	3232P16	32	32	170	32	38	30						
	3232P19	32	32	170	32	40	36	CN□□ 1906□□	WS081030	MC1904	S4	MCL2217	MSP1021
	4040R19	40	40	200	40	48	36						

MDJNR/L

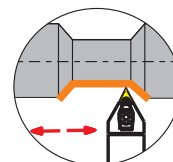
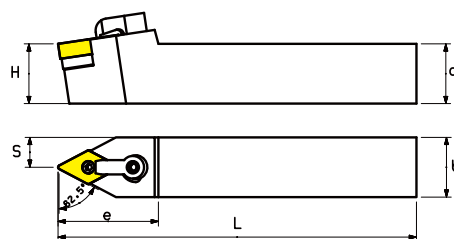


Type 型号	Dimension(mm) 基本尺寸							配件 适用刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
	a	b	L	h	s	e							
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	3225P11	32	25	170	32	32	32						
	2020K1504/06	20	20	125	20	25	36	DN□□ 1504□□ DN□□ 1506□□	WS061025	MD1504	S3	MCL2114	04:MSP617 06:MSP619
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	3225P1504/06	32	25	170	32	32	38						
	3232P1504/06	32	32	170	32	40	38						
	4040R15	40	40	200	40	48	40	DN□□ 1506□□					

车削刀具 | TURNING TOOLS

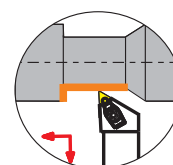
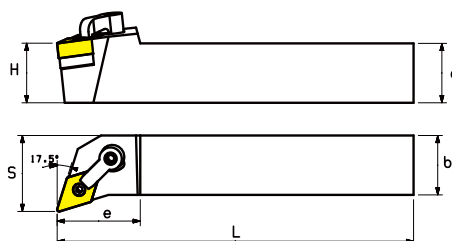
External turning toolholders 外圆车刀

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
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	2525M11	25	25	150	25	12.5						
	3225P11	32	25	170	32	12.5						
	2020K1504/06	20	20	125	20	10	DN□□ 1504□□ DN□□ 1506□□	WS061025	MD1504	S3	MCL2114	04:MSP617 06:MSP619
	2525M1504/06	25	25	150	25	12.5		WS061030				
	3225P1504/06	32	25	170	32	12.5						
	3232P1504/06	32	32	170	32	16						

MDQNR/L

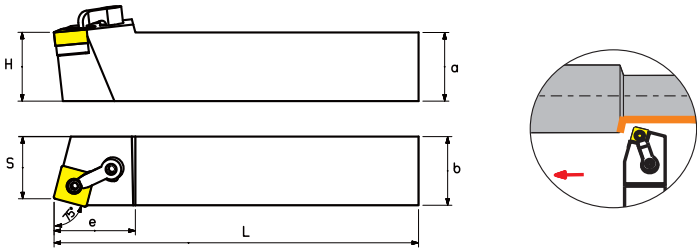


Type 型号	Dimension(mm) 基本尺寸						适用 刀片 配件	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
	a	b	L	h	s	e						
MDQNR/L	1616H11	16	16	100	16	21	DN□□ 1104□□	WS061025	MD 1103	S2 S3	MCL1814	MSP513
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	2525M11	25	25	150	25	30						
	3225P11	32	25	170	32	30						
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	2525M1504/06	25	25	150	25	32		WS061030				
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车削刀具 | TURNING TOOLS

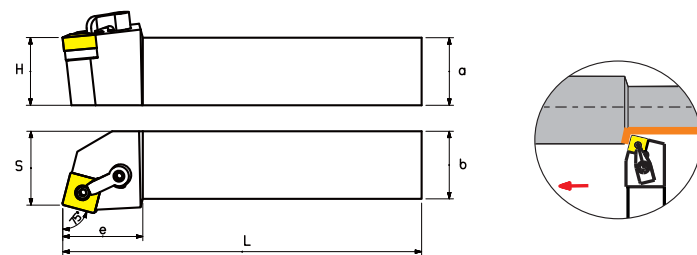
外圆车刀 External turning toolholders

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													
	R	L	a	b	L	h	s	e							
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	SN□□ 1506□□	WS061030	MS1504	S3	MCL2114	MSP821
	2525M15			25	25	150	25	22	38						
	3232P15			32	32	170	32	29	38	SN□□ 1906□□	WS081030	MS1904	S4	MCL2217	MSP1021
	3232P19			32	32	170	32	27	45						
	4040R19			40	40	200	40	35	45	SN□□ 2509□□	WS101035	MS2508	S4, S5	MCL3220	MSP1229
	4040S25			40	40	250	40	34	60						

MSRNR/L

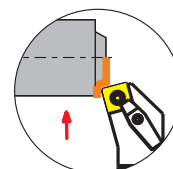
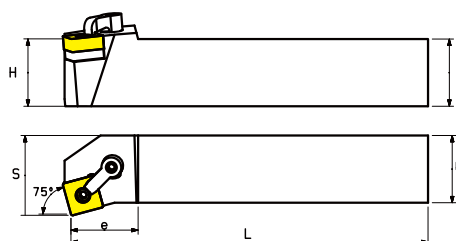


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉	
															
		Stock 库存	a	b	L	h	s	e							
R	L														
MSRNR/L	2020K12			20	20	125	20	22	32	SN□□ 1204□□	WS061025	MS1204	S3	MCL1814	MSP617
	2525M12			25	25	150	25	27	32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

车削刀具 | TURNING TOOLS

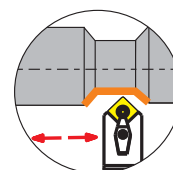
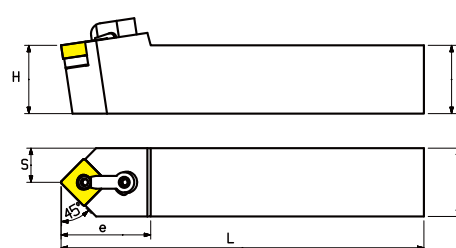
External turning toolholders 外圆车刀

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						
	2525M15			25	25	150	25	32	32	SN□□ 1506□□	WS061030	MS1504	S3	MCL2114	MSP821
	3232P15			32	32	170	32	38	32						
	3232P19			32	32	170	32	38	36						
	4040R19			40	40	200	40	50	40	SN□□ 1906□□	WS081030	MS1904	S4	MCL2217	MSP1021
	4040S25			40	40	250	40	50	45	SN□□ 2509□□	WS101035	MS2508	S4, S5	MCL3220	MSP1229

MSDNN

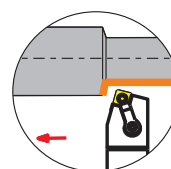
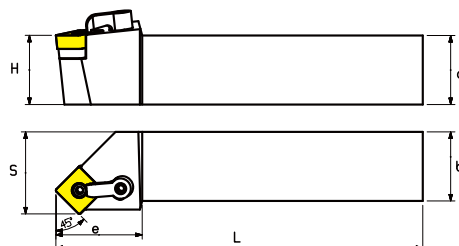


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉	
															
		Stock 库存	a	b	L	h	s	e							
MSDNN	2020K12		20	20	125	20	10	34	SN□□ 1204□□	WS061025	MS1204	S3	MCL1814	MSP617	
	2525M12		25	25	150	25	12.5	34		WS061030					
	3225P12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

车削刀具 | TURNING TOOLS

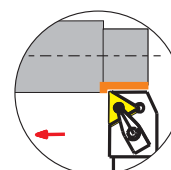
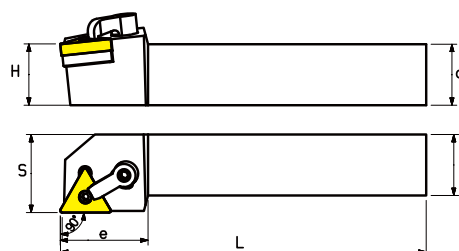
外圆车刀 External turning toolholders

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	Clamp 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□□ 1204□□	WS061025	MS1204	S3	MCL1814	MSP617
	2525M12			25	25	150	25	30	36		WS061030				
	3225P12			32	25	170	32	30	33						
	3232P12			32	32	170	32	38	35						
	2525M15			25	25	150	25	30	40	SN□□ 1506□□	WS061030	MS1504	S3	MCL2114	MSP821
	3232P15			32	32	170	32	38	40						
	3232P19			32	32	170	32	38	45	SN□□ 1906□□	WS 081030	MS 1904	S4	MCL2217	MSP1021
	4040R19			40	40	200	40	46	45						
	4040S25			40	40	250	40	50	60	SN□□ 2509□□	WS101035	MS2508	S4, S5	MCL3220	MSP1229

MTGNR/L

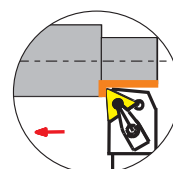
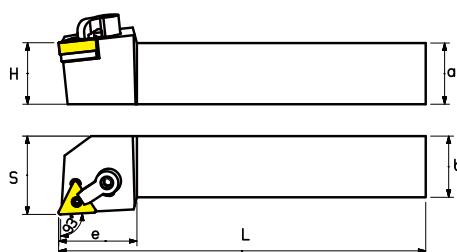


Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
		Stock 库存		a	b	L	h	s	e						
		R	L												
MTGNR/L	2020K16			20	20	125	20	25	32	TN□□ 1604□□	WS061025	MT1603	S2, S3	MCL1814	MSP513
	2525M16			25	25	150	25	32	30		WS061030		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

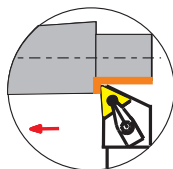
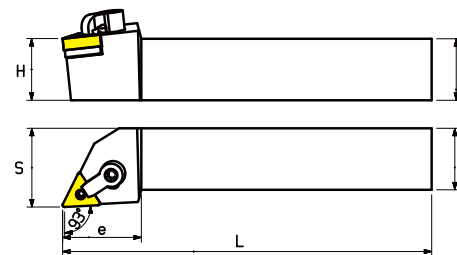
External turning toolholders 外圆车刀

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□□ 1604□□	WS061025	MT1603	S2, S3	MCL1814	MSP513
	2020K16			20	20	125	20	25	32		WS061030				
	2525M16			25	25	150	25	32	32						
	3225P16			32	25	170	32	32	32						
	3232P16			32	32	170	32	32	32						
	2525M22			25	25	150	25	32	36						
	3225P22			32	25	170	32	32	36						
	3232P22			32	32	170	32	38	36						

MTJNR/L(B)

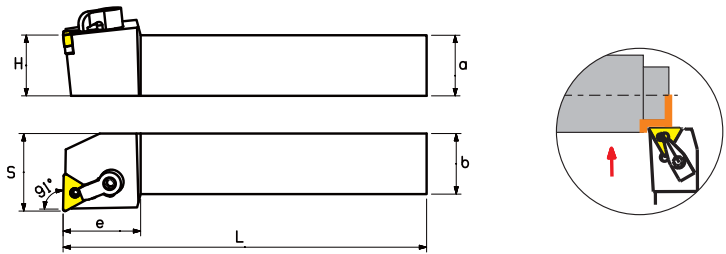


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉	
		Stock 库存		a	b	L	h	s	e						
		R	L												
MTJNR/L	1616H16B			16	16	100	16	20	28	TN□□ 1604□□	WS061025	MT1603	S2, S3	MCL1814	MSP513
	2020K16B			20	20	125	20	25	32		WS061030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

车削刀具 | TURNING TOOLS

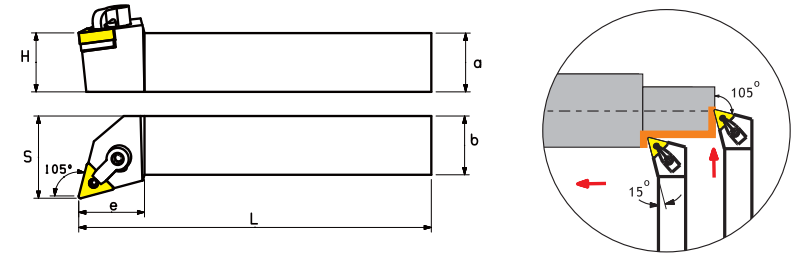
外圆车刀 External turning toolholders

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	a	b	L	h	s	e	TN□□ 1604□□	WS061025	MT1603	S2, S3	MCL1814	MSP513						
R	L																			
MTFNR/L	1616H16			16	16	100	16	21							28	WS061030	MT2204	S3	MCL2114	MSP617
	2020K16			20	20	125	20	25							30					
	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

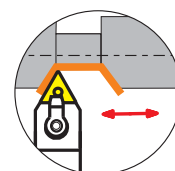
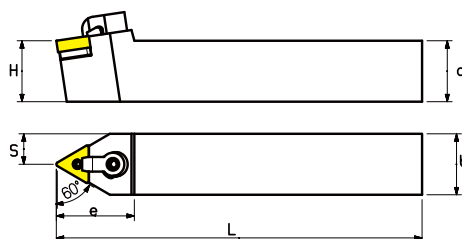


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉	
															
		Stock 库存	a	b	L	h	s	e							
R	L														
MTQNR/L	2020K16			20	20	125	20	29	25	TN□□ 1604□□	WS061025	MT1603	S2, S3	MCL1814	MSP513
	2525M16			25	25	150	25	35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

车削刀具 | TURNING TOOLS

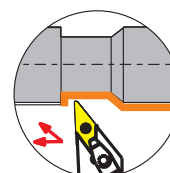
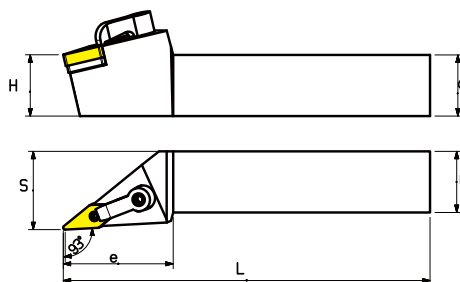
External turning toolholders 外圆车刀

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

MVJNR/L

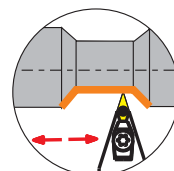
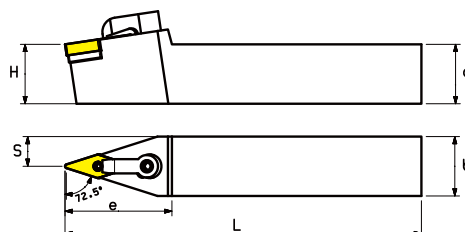


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉	
									Stock 库存		a	b	L	h	s
		R	L												
MVJNR/L	1616H16			16	16	100	16	22	43	VN□□ 1604□□ 只装株洲刀片	WS061025	MV1603	S2 S3	MCL2414	MSP513
	2020K16			20	20	125	20	26	45		WS061030				
	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

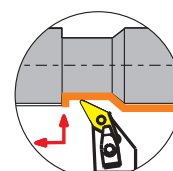
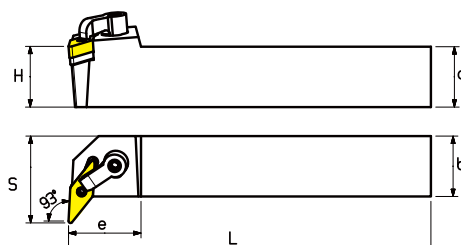
外圆车刀 External turning toolholders

MVVNN



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	VN□□ 1604□□ 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

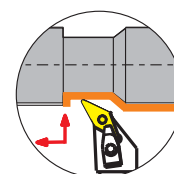
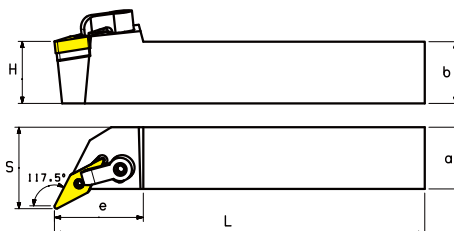


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉	
		Stock 库存		a	b	L	h	s	e						
		R	L												
MVUNR/L	1616H16			16	16	100	16	20	45	VN□□ 1604□□ 只装株钻刀片	WS061025	MV1603	S2 S3	MCL2114	MSP513
	2020K16			20	20	125	20	25	45						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

车削刀具 | TURNING TOOLS

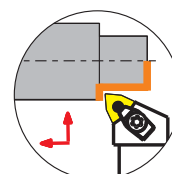
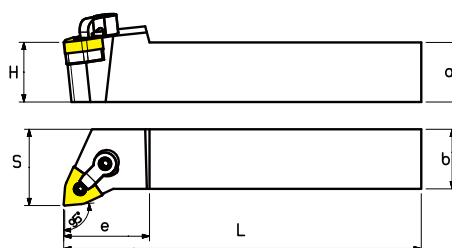
External turning toolholders 外圆车刀

MVQNR/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												
MVQNR/L	1616H16			16	16	100	16	24	36	VN□□ 1604□□ 只装株洲刀片	WS061025	MV1603	S2 S3	MCL2114	MSP513
	2020K16			20	20	125	20	27	36						
	2525M16			25	25	150	25	33	36						
	3225P16			32	25	170	32	33	36						
	3232P16			32	32	170	32	40	36						

MWLNR/L

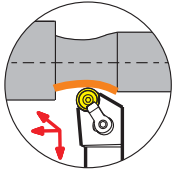
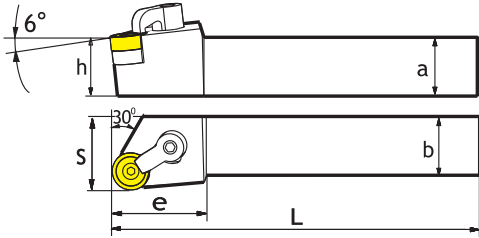


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉				
		Stock 库存		a	b	L	h	s	e									
		R	L															
MWLNR/L	2020K06			20	20	125	20	25	28	WN□□ 0604□□	WS061025	MW0603	S2	MCL1814	MSP513			
	2525M06			25	25	150	25	32	30		WS061030		S3					
	2020K08			20	20	125	20	26	28	WN□□ 0804□□	WS061025	MW0804	S3					
	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

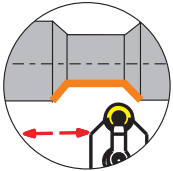
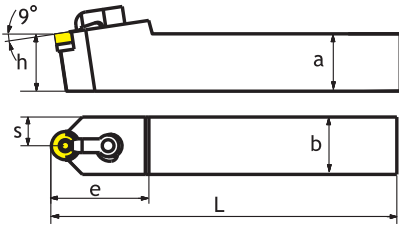
外圆车刀 External turning toolholders

MRGNR



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	RN□□ 1204□□	WS061025	MR1204	S3	MCL1814	MSP617					
R	L							WS061030											
MRGNR/L	2020K12			20	20	125	20	25		28									
	2525M12			25	25	150	25	32		32									
	3225P12			32	25	170	32	32	32										
	3232P12			32	32	170	32	39	32										

MRDNN

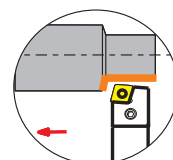
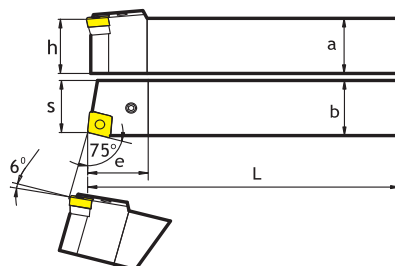


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Clamping screw 双头螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 销钉
														
		Stock 库存	a	b	L	h	s	e						
MRDNN	2020K12		20	20	125	20	10	30	RN□□ 1204□□	WS061025	MR1204	S3	MCL1814	MSP617
	2525M12		25	25	150	25	12.5	32		WS061030				
	3225P12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

车削刀具 | TURNING TOOLS

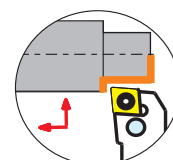
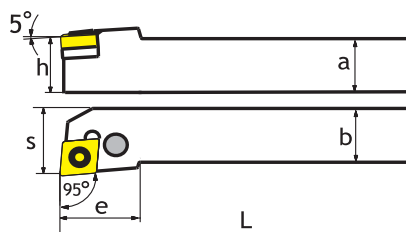
External turning toolholders 外圆车刀

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 档垫	
															
		Stock 库存		a	b	L	h	s	e						
R	L														
PCBNR/L	2020K12			20	20	125	20	17	30	CN□□ 1204□□	VHX0821	PC12318	S3	LV4	SP4
	2525M12			25	25	150	25	22	26						
	3232P12			32	32	170	32	29	27						
	2525M16			25	25	150	25	22	32						
	3232P16			32	32	170	32	27	33	CN□□ 1606□□	VHX0825	PC16476	S3	LV5	SP5
	3232P19			32	32	170	32	27	38						
	4040S19			40	40	250	40	35	38						
	4040S2507			40	40	250	40	37	50						
	4040S2509			40	40	250	40	37	50	CN□□ 2509□□	VHX1236	PC25	S5	LV8	SP8

PCLNR/L

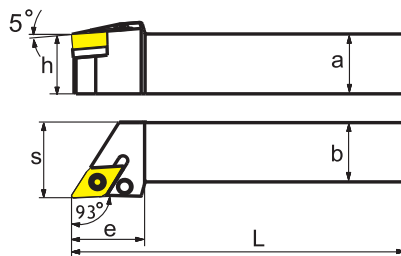


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫	
															
		Stock 库存		a	b	L	h	s	e						
R	L														
PCLNR/L	1616H09			16	16	100	16	20	20	CN□□ 0903□□	VHX0613	PC09318	S2.5	LV3	SP3
	2020K09			20	20	125	20	25	22						
	2525M09			25	25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

车削刀具 | TURNING TOOLS

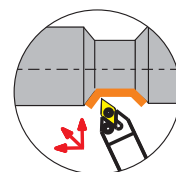
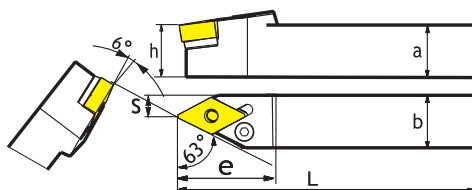
外圆车刀 External turning toolholders

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	DN□□ 1104□□	VHX0613	PD11270	S2.5	LV3	SP3
	2020K11		20	20	125	20	25	25						
	2525M11		25	25	150	25	30	30						
	2020K15		20	20	125	20	25	32	DN□□ 1506□□	VHX0825	PD15318	S3	LV4B	SP4
	2525M15		25	25	150	25	32	35						
	3232P15		32	32	170	32	38	35						
	2020K15-3		20	20	125	20	25	35	DN□□ 1504□□	VHX0821	PD15318	S3	LV4	SP4
	2525M15-3		25	25	150	25	32	35						
	3232P15-3		32	32	170	32	38	35						

PDNNR/L

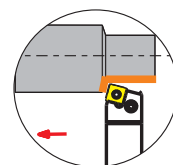
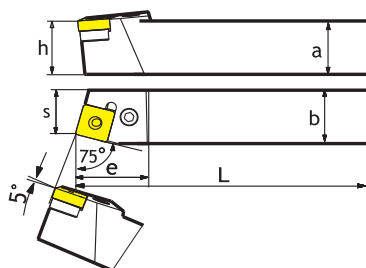


Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫
	Stock 库存		a	b	L	h	s	e						
	R	L												
PDNNR/L	2020K15		20	20	125	20	8	37	DN□□ 1506□□	VHX0825	PD15318	S3	LV4B	SP4
	2525M15		25	25	150	25	12.5	37						
	3225P15		32	25	170	32	12.5	37					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

车削刀具 | TURNING TOOLS

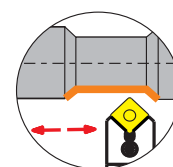
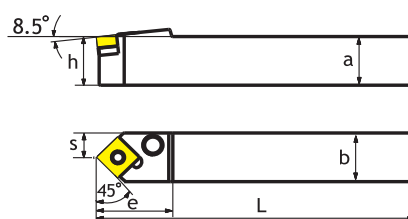
External turning toolholders 外圆车刀

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

PSDNN

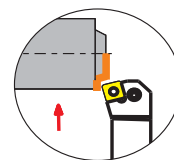
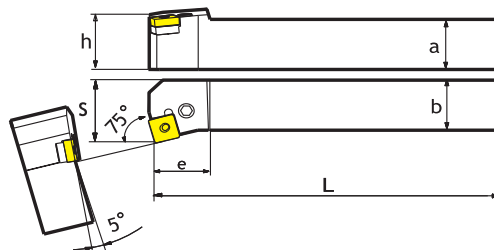


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫
														
		Stock 库存	a	b	L	h	s	e						
PSDNN	2020K12		20	20	125	20	10	30	SN□□ 1204□□	VHX0821	PS12318	S3	LV4	SP4
	2525M12		25	25	150	25	12.5	32						
	3232P12		32	32	170	32	16	30						
	2525M15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

车削刀具 | TURNING TOOLS

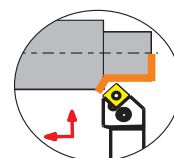
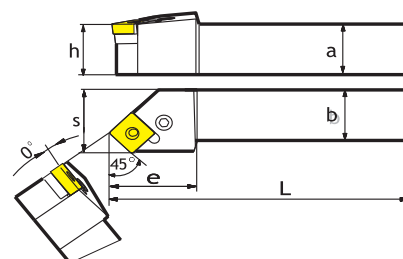
外圆车刀 External turning toolholders

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 档垫	
		Stock 库存		a	b	L	h	s							e
R	L														
PSKNR/L	1616H09			16	16	100	16	20	17	SN□□ 0903□□	VHX0613	PS09318	S2.5	LV3	SP3
	2020K09			20	20	125	20	25	20						
	2020K12			20	20	125	20	25	26						
	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	SN□□ 1506□□	VHX0825	PS15476	S3	LV5	SP5
	3232P15			32	32	170	32	38	32						
	3232P19			32	32	170	32	38	36	SN□□ 1906□□	VHX1027	PS19476	S4	LV6	SP6
	4040S19			40	40	250	40	48	32	SN□□ 2507□□	VHX1236	PS25634	S5	LV8	SP8
	4040S2507			40	40	250	40	50	40	SN□□ 2509□□		PS25476			
	4040S2509			40	40	250	40	50	40						

PSSNR/L

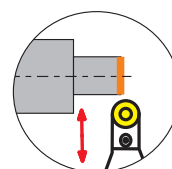
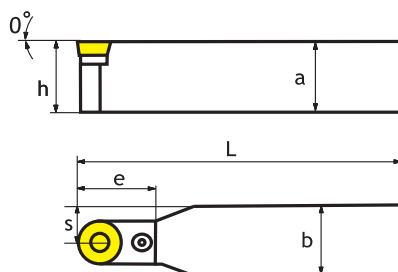


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫	
									Stock 库存		a	b	L	h	s
		R	L												
PSSNR/L	1616H09			16	16	100	16	18	25	SN□□ 0903□□	VHX0613	PS09318	S2.5	LV3	SP3
	2020K12			20	20	125	20	25	28						
	2525M12			25	25	150	25	30	32	SN□□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

车削刀具 | TURNING TOOLS

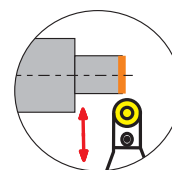
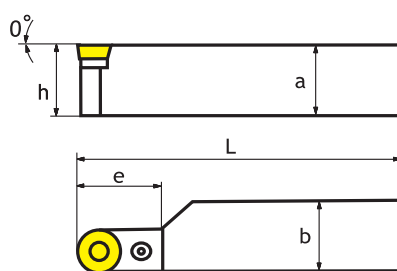
External turning toolholders 外圆车刀

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 档垫
	Stock 库存		a	b	L	h	s	e						
	R	L												
PRDCN	2020K12		20	20	125	20	10	25	RCMX1204□□	VHX0613	PR 1204	S2.5	LCL12C	SP3
	2525M12		25	25	150	25	12.5	25						
	2525M16		25	25	150	25	10	35	RCMX1606□□	VHX0621	PR 1604	S2.5	LCL16C	SP4
	3232P16		32	32	170	32	16	32						
	3232P20		32	32	170	32	16	40	RCMX2006□□	VHX0825	PR 2004	S3	LCL20C	SP5
	4040T20		40	40	300	40	20	45						
	3232P25		32	32	170	32	16	45	RCMX2507□□	VHX1030	PR 2506	S4	LCL25C	SP6
	4040T25		40	40	300	40	20	50						

PRACR/L

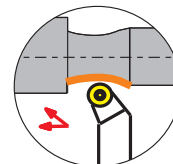
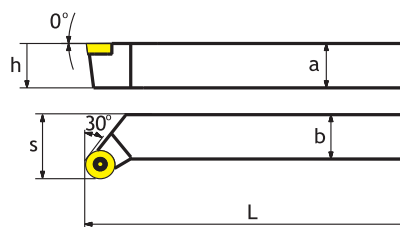


Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫
	Stock 库存		a	b	L	h	e							
	R	L												
PRACR/L	2020K12		20	20	125	20	30		RCMX1204□□	VHX0613	PR 1204	S2.5	LCL12C	SP3
	2525M12		25	25	150	25	30							
	2525M16		25	25	150	25	35		RCMX1606□□	VHX0621	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

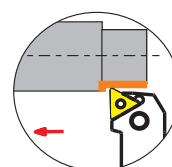
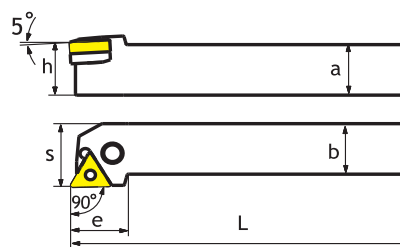
外圆车刀 External turning toolholders

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 档垫	
														
		Stock 库存			a	b	L	h	s					
R	L													
PRGCR/L	2020K12			20	20	125	20	25	RCMX1204□□	VHX0613	PR 1204	S2.5	LCL12C	SP3
	2525M12			25	25	150	25	32						
	2525M16			25	25	150	25	35						
	3232P16			32	32	170	32	42	RCMX1606□□	VHX0621	PR 1604	S2.5	LCL16C	SP4
	3232P20			32	32	170	32	40						
	4040T20			40	40	300	40	50						
	3232P25			32	32	170	32	45	RCMX2507□□	VHX1030	PR 2506	S4	LCL25C	SP6
	4040T25			40	40	300	40	56						

PTGNR/L

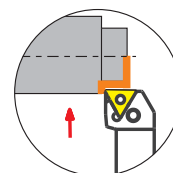
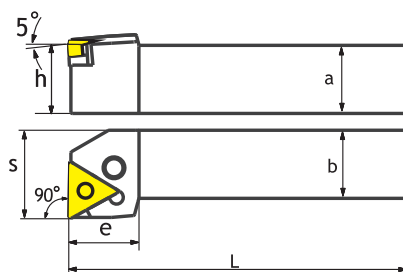


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫	
		Stock 库存		a	b	L	h	s	e						
		R	L												
PTGNR/L	1616H11			16	16	100	16	19	18	TN□□ 1103□□	VHX059B	—	S2	LV2	—
	2020K11			20	20	125	20	24	20						
	2525M11			25	25	150	25	29	20						
	1616H16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

车削刀具 | TURNING TOOLS

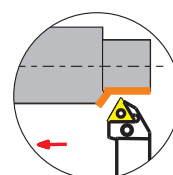
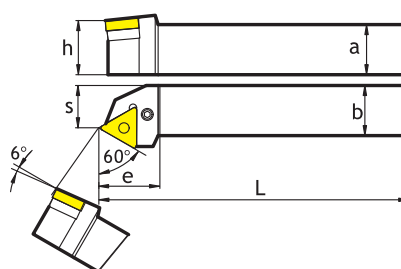
External turning toolholders 外圆车刀

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

PTTNR/L

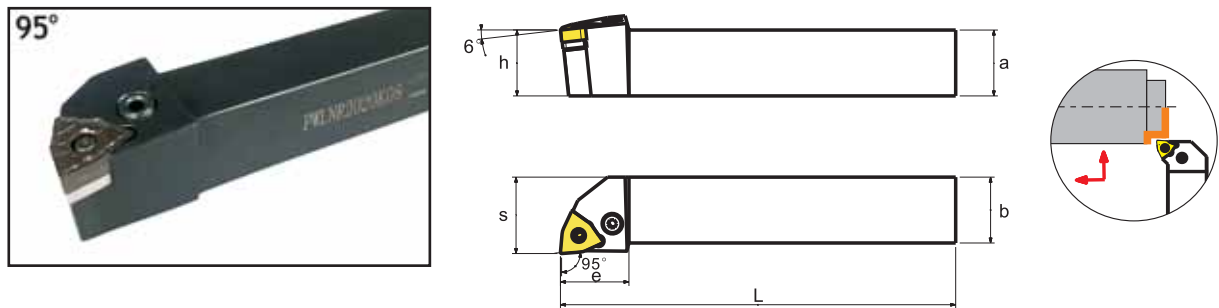


Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫
	Stock 库存		a	b	L	h	s	e						
	R	L												
PTTNR/L	1616H16		16	16	100	16	13	25	TN□□ 1604□□	VHX0617	PT16	S2.5	LV3	SP3
	2020K16		20	20	125	20	17	25						
	2525M22		25	25	150	25	22	32	TN□□ 2204□□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

车削刀具 | TURNING TOOLS

外圆车刀 External turning toolholders

PWLNRL

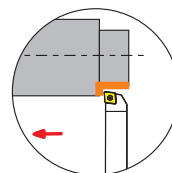
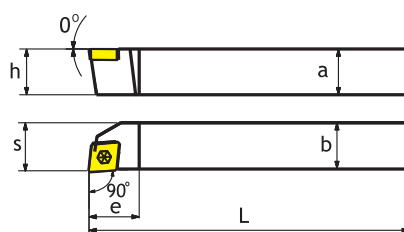


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	screw 螺钉	Shim 刀垫	Wrench 扳手	Lever 杠杆	Shim pin 档垫	
															
		Stock 库存	a	b	L	h	s	e							
R	L														
PWLNR/L	1616H06			16	16	100	16	19	22	WN□□ 0604□□	VHX0617	PW06270	S2.5	LV3	SP3
	2020K06			20	20	125	20	23	25						
	2525M06			25	25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

车削刀具 | TURNING TOOLS

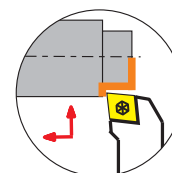
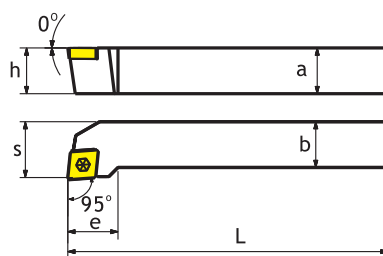
External turning toolholders 外圆车刀

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

SCLCR/L

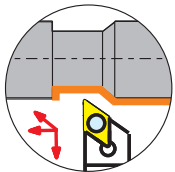
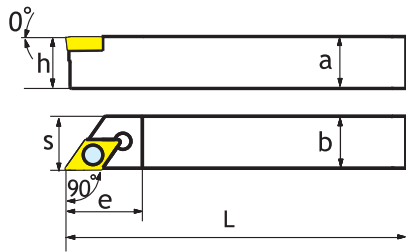


Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		a	b	L	h	s	e			
	R	L									
SCLCR/L	1212F09		12	12	80	12	15	16	CC□T 09T3□□	L60M4×8	T15
	1616H09		16	16	100	16	20	16			
	2020K09		20	20	125	20	23	20			
	2020K12		20	20	125	20	24	25	CC□T 1204□□	L60M5×12	T20
	2525M12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

车削刀具 | TURNING TOOLS

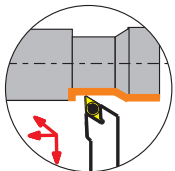
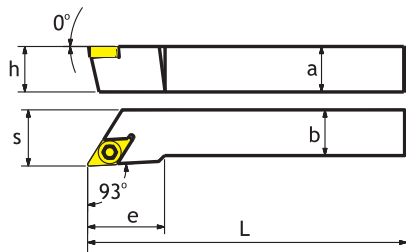
外圆车刀 External turning toolholders

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□□	L60M2.5×5	T08
	1212F11			12	12	80	12	12.5	20	DC□T 11T3□□	L60M4×8	T15
	1616H11			16	16	100	16	16.7	20			

SDJCR/L



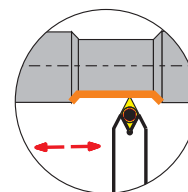
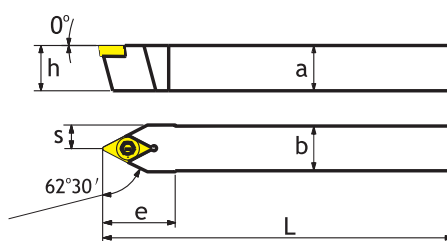
Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
												
		Stock 库存		a	b	L	h	s	e			
R	L											
SDJCR/L	1010E07			10	10	70	10	12	15	DC□T 0702□□	L60M2.5×5	T08
	1212F07			12	12	80	12	14	15			
	1616H07			16	16	100	16	18	18			
	2020K07			20	20	125	20	22	18	DC□T 11T3□□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

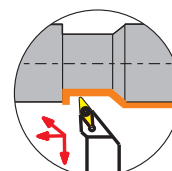
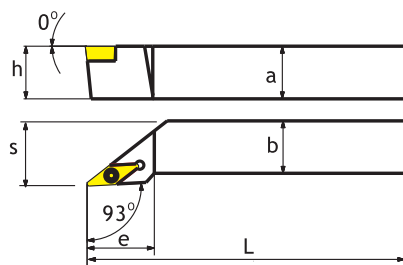
62° 30'



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

SVJCR/L

93°

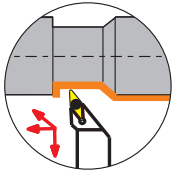
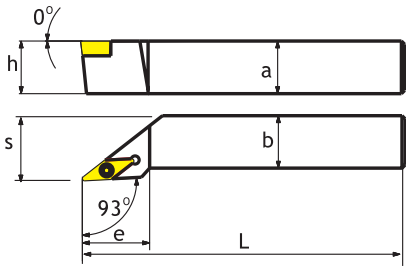


Type 型号		Dimension(mm) 基石尺寸								Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
												
		Stock 库存		a	b	L	h	s	e			
R	L											
SVJCR/L	1212F11			12	12	80	12	14	20	VC□T 1103□□	L60M2.5×5	T08
	1616H11			16	16	100	16	18	22			
	2020K11			20	20	125	20	22	27			
	2525M11			25	25	150	25	27	35			
	1616H16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

车削刀具 | TURNING TOOLS

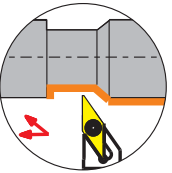
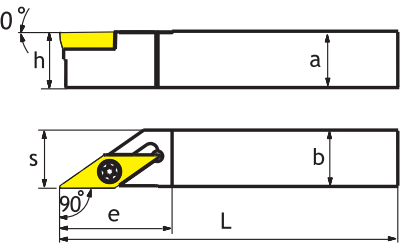
外圆车刀 External turning toolholders

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

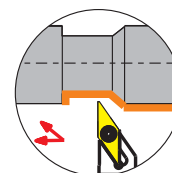
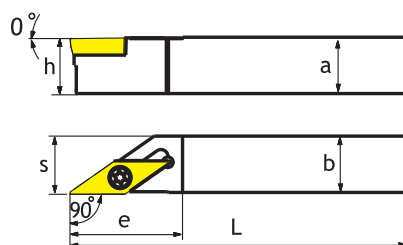


Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
		Stock 库存		a	b	L	h	s	e			
		R	L									
SVABR/L	1616H16			16	16	100	16	16.5	32	VB□T 1604□□	L60M4×8	T15
	2020K16			20	20	125	20	20.5	32			
	2525M16			25	25	150	25	25.5	38			

车削刀具 | TURNING TOOLS

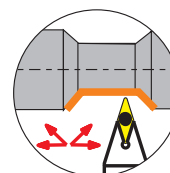
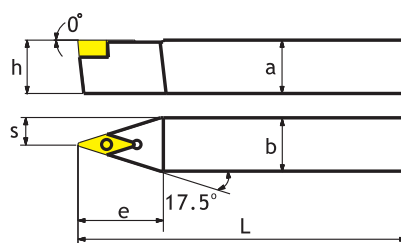
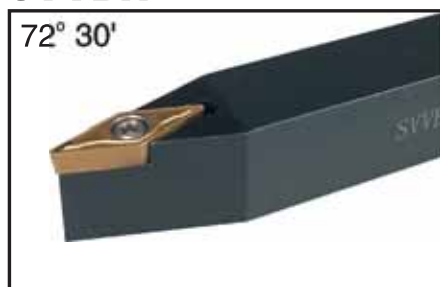
External turning toolholders 外圆车刀

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	VC□T 1604□□	L60M4×8	T15
	2020K16		20	20	125	20	20.5	32			
	2525M16		25	25	150	25	25.5	38			

SVVBN

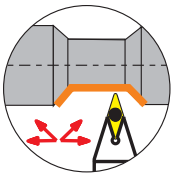
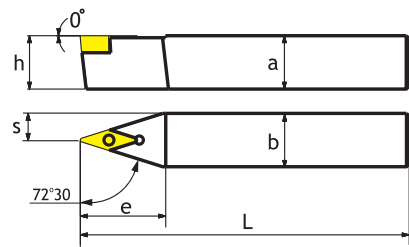


Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		a	b	L	h	s	e			
	R	L									
SVVBN	1212F11		12	12	80	12	6	22	VB□T 1103□□	L60M2.5×5	T08
	1616H11		16	16	100	16	8	27			
	2020K11		20	20	125	20	10	30			
	1616H16		16	16	100	16	8	33	VB□T 1604□□	L60M4×8	T15
	2020K16	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

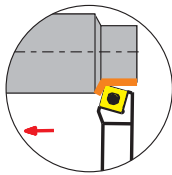
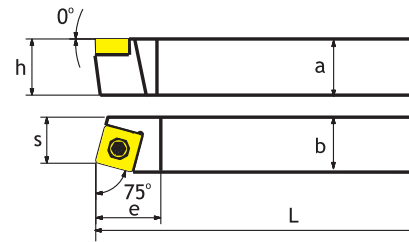
外圆车刀 External turning toolholders

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□□	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	VC□T 1604□□	L60M4×8	T15
	2020K16		20	20	125	20	10	33			
	2525M16		25	25	150	25	12.5	38			
	3225P16		32	25	170	32	12.5	38			
	3232P16		32	32	170	32	16	38			

SSBCR/L

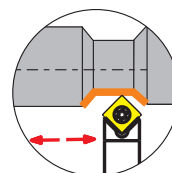
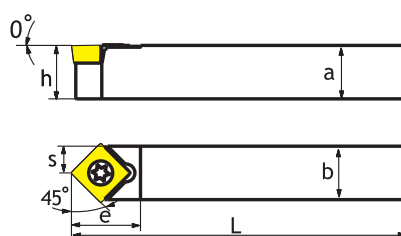


Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
												
		Stock 库存		a	b	L	h	s	e			
R	L											
SSBCR/L	1212F09			12	12	80	12	11	14	SC□T 09T3□□	L60M4×8	T15
	1616H09			16	16	100	16	13	16			
	2020K12			20	20	125	20	17	25			
	2525M12			25	25	150	25	22	25	SC□T 1204□□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

车削刀具 | TURNING TOOLS

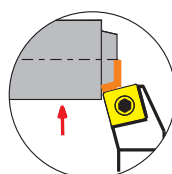
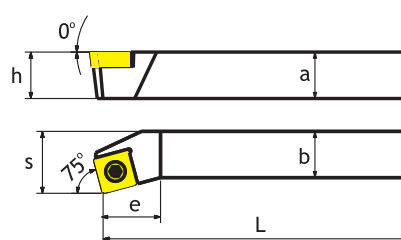
External turning toolholders 外圆车刀

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			
		R	L									
SSDCN	1212F09			12	12	80	12	6	16	SC□T 09T3□□	L60M4×8	T15
	1616H09			16	16	100	16	8	16			
	2020K09			20	20	125	20	10	16			
	2525M09			25	25	150	25	12.5	25			
	2020K12			20	20	125	20	10	25	SC□T 1204□□	L60M5×12	T20
	2525M12			25	25	150	25	12.5	25			
	3232P12			32	32	170	32	16	25			

SSKCR/L

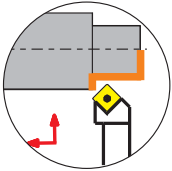
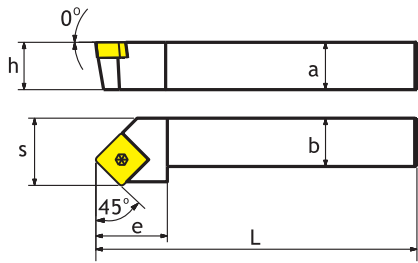


Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
		Stock 库存		a	b	L	h	s	e			
		R	L									
SSKCR/L	1616H09			16	16	100	16	20	13	SC□T 09T3□□	L60M4×8	T15
	2020K09			20	20	125	20	25	18			
	2020K12			20	20	125	20	25	18			
	2525M12			25	25	150	25	32	22	SC□T 1204□□	L60M5×12	T20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

车削刀具 | TURNING TOOLS

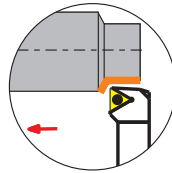
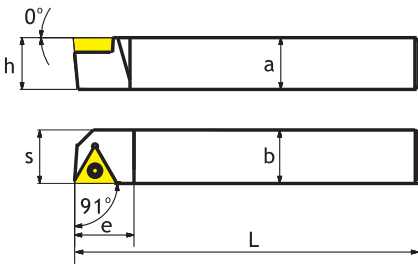
外圆车刀 External turning toolholders

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
		R	L									
SSSCR/L	1616H09			16	16	100	16	20	16	SC□T 09T3□□	L60M4×8	T15
	2020K09			20	20	125	20	25	20			
	2020K12			20	20	125	20	25	23			
	2525M12			25	25	150	25	32	25	SC□T 1204□□	L60M5×12	T20
	3232P12			32	32	170	32	38	28			

STACR/L

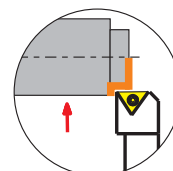
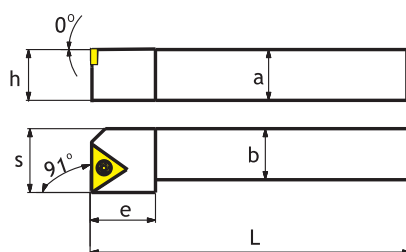


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手	
												
		Stock 库存		a	b	L	h	s	e			
R	L											
STACR/L	1212F11			12	12	80	12	12.5	14	TC□T 1102□□	L60M2.5×5	T08

车削刀具 | TURNING TOOLS

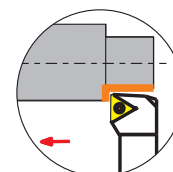
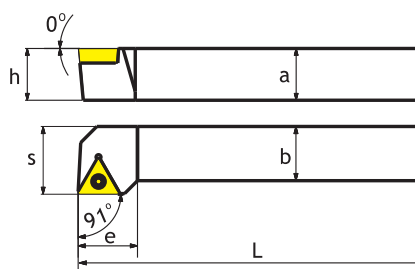
External turning toolholders 外圆车刀

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 1102□□	L60M2.5×5	T08
	1616H11			16	16	100	16	18	16			
	2020K11			20	20	125	20	22	16			
	1616H16			16	16	100	16	18	19	TC□T 16T3□□	L60M4×8	T15
	2020K16			20	20	125	20	22	19			
	2525M16			25	25	150	25	27	24			

STGCR/L

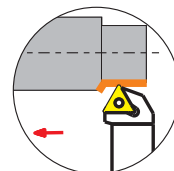
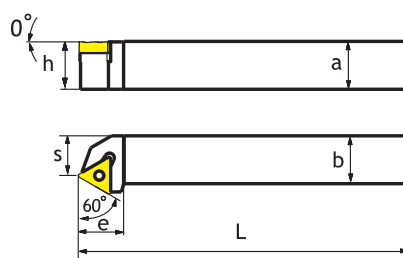


Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手			
															
		Stock 库存	a	b	L	h	s	e	TC□T 0902□□	L60M2.2×5	T06				
R	L														
STGCR/L	0808D09			08	08	60	8	10				11	TC□T 1102□□	L60M2.5×5	T08
	1010E09			10	10	70	10	11				11			
	1212F11			12	12	80	12	14				14	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

车削刀具 | TURNING TOOLS

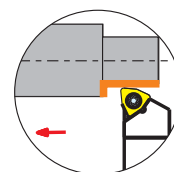
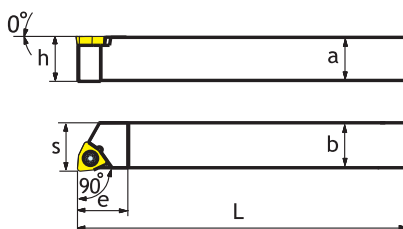
外圆车刀 External turning toolholders

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			a	b	L	h	s	e		
R	L											
STTCR/L	1616H11			16	16	100	16	13	14	TC□T 1102□□	L60M2.5 × 5	T08
	1616H16			16	16	100	16	13	19	TC□T 16T3□□	L60M4 × 8	T15
	2020K16			20	20	125	20	17	19			

SWACR/L

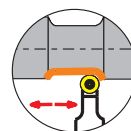
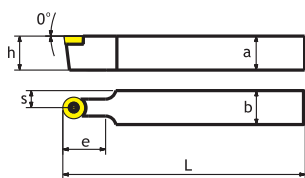


Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
										Stock 库存		a
		R	L									
SWACR/L	1010E04			10	10	70	10	10.5	10	WC□X 0402□□	L60M2.5 × 5	T08
	1212F04			12	12	80	12	12.5	14			
	1616H06			16	16	100	16	16.5	20	WC□X 06T3□□	L60M3 × 7	T09
	2020K08			20	20	125	20	20.5	24	WC□X 0804□□	L60M4 × 8	T15

车削刀具 | TURNING TOOLS

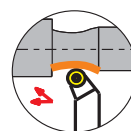
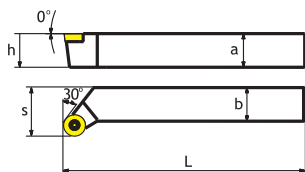
External turning toolholders 外圆车刀

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					
	2525M08		25	25	150	25	12.5	16	RC□T 0803□□	L60M3 × 7	T09	—	—
	2020K10		20	20	125	20	10	25					
	2525M10		25	25	150	25	12.5	25					
	2020K12		20	20	125	20	10	35	RC□T 1204□□	L60M3.5 × 12	T15	—	—
	2525M12		25	25	150	25	12.5	35					
	3225P12		32	25	170	32	16	35					
	2525M16		25	25	150	25	12.5	35	RC□T 1606□□	L60M4 × 16	T20	R16BS	SM0614
	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

SRGCR/L

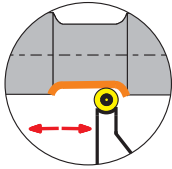
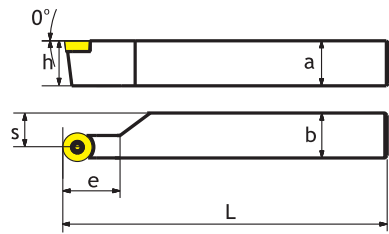


Type 型号	Dimension(mm) 基本尺寸						Applicable Inserts 使用的刀片	Screw 刀片螺钉	Wrench 扳手	Shim 刀垫	Screw 刀垫螺钉	Wrench 刀垫扳手
	Stock 库存	a	b	L	h	s						
SRGCR/L	2020K10		20	20	125	20	25	RC□T 10T3□□	L60M3.5 × 10	T15	—	—
	2525M10		25	25	150	25	32					
	2020K12		20	20	125	20	27					
	2525M12		25	25	150	25	32	RC□T 1204□□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

车削刀具 | TURNING TOOLS

外圆车刀 External turning toolholders

SRACR/L

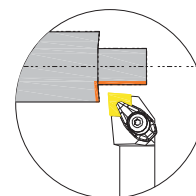
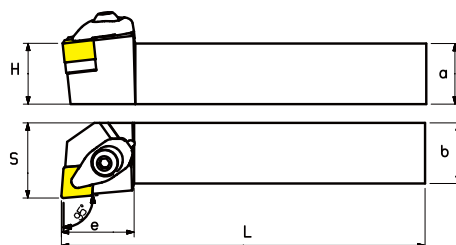


Type 型号		Dimension(mm) 基本尺寸						Applicable Inserts 使用的刀片	Screw 刀片螺钉	Wrench 扳手	Shim 刀垫	Screw 刀垫螺钉	Wrench 刀垫扳手
		Stock 库存	a	b	L	h	e						
SRACR/L	2020K06		20	20	125	20	15	RC□T 0602□□	L60M2.5 × 5	T08	—	—	—
	2525M06		25	25	150	25	23						
	2020K08		20	20	125	20	18						
	2525M08		25	25	150	25	23	RC□T 0803□□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

车削刀具 | TURNING TOOLS

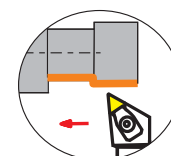
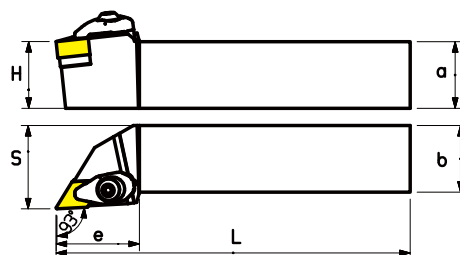
External turning toolholders 外圆车刀

CCLNR/L



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

CDJNR/L

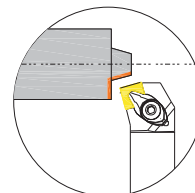
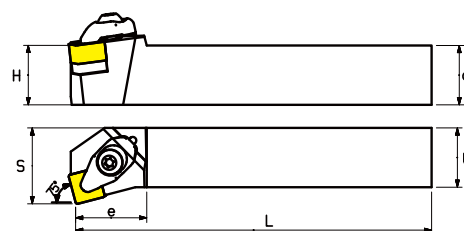


Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
	Stock 库存		a	b	L	h	s	e						
	R	L												
CDJNR/L	2525M15		25	25	150	25	32	40	DN □□ 1507□□	MD 1504	S4,S3	CCL2612	DM 0625	DSP 0612
	3225P15		32	25	170	32	32	40						

车削刀具 | TURNING TOOLS

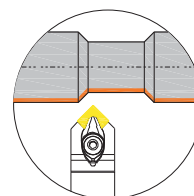
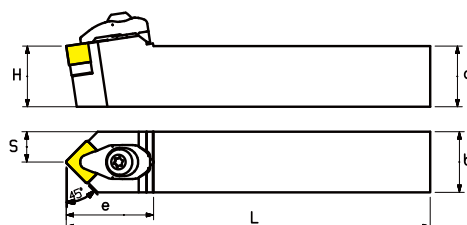
外圆车刀 External turning toolholders

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

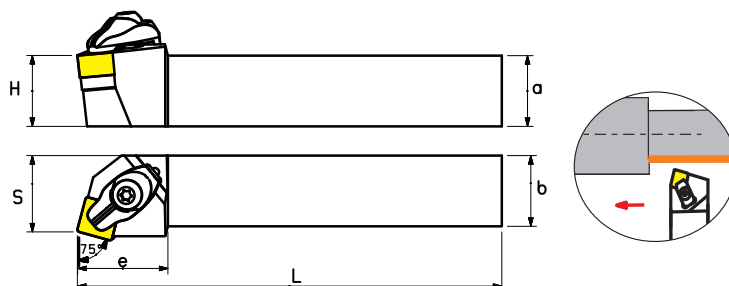


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉	
															
		Stock 库存		a	b	L	h	s	e						
R	L														
CSDNN	2020K12			20	20	125	20	10	36	SN □□ 1207□□	MS 1204	S4,S3	CCL2612	DM 0625	DSP 0612
	2525M12			25	25	150	25	12.5	36					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

车削刀具 | TURNING TOOLS

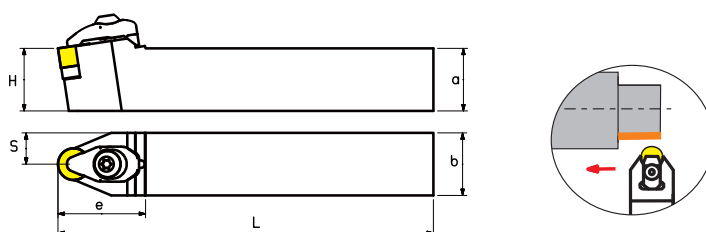
External turning toolholders 外圆车刀

CSNR/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												
CSNR/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

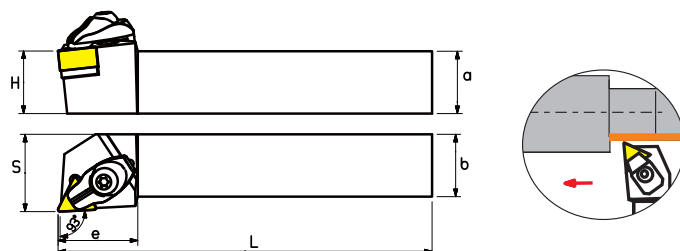


Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
	Stock 库存		a	b	L	h	s	e						
	R	L												
CRDNN	2020K12		20	20	125	20	10	36	RN □□ 1207□□	MR1204	S3,S4	CCL2612	DM 0625	DSP 0612
	2525M12		25	25	150	25	12.5	36						
	3225P12		32	25	170	32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

车削刀具 | TURNING TOOLS

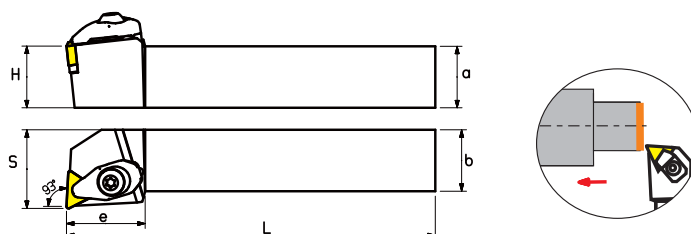
外圆车刀 External turning toolholders

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
		R	L												
CTJNR/L	2020K16			20	20	125	20	26	32	TN □□ 1607□□	MT 1603	S4,S3	CCL2612	DM 0625	DSP 0510
	2525M16			25	25	150	25	31	32						

CTUNR/L

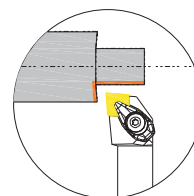
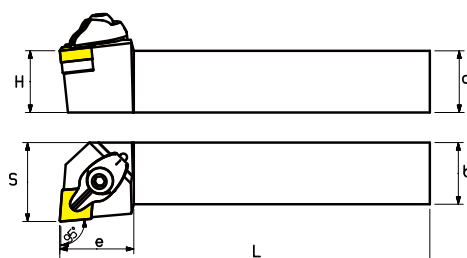
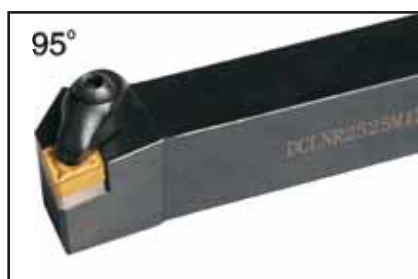


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉	
		Stock 库存		a	b	L	h	s	e						
		R	L												
CTUNR/L	2020K16			20	20	125	20	25	32	TN □□ 1607□□	MT 1603	S4,S3	CCL2612	DM 0625	DSP 0510
	2525M16			25	25	150	25	32	32						

车削刀具 | TURNING TOOLS

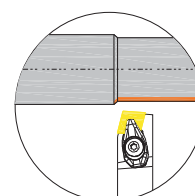
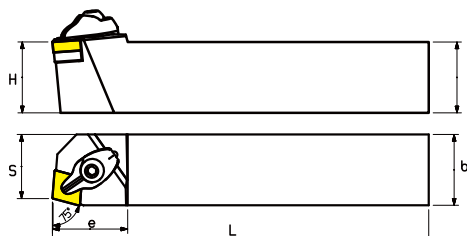
External turning toolholders 外圆车刀

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						

DCBNR/L

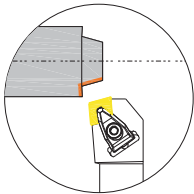
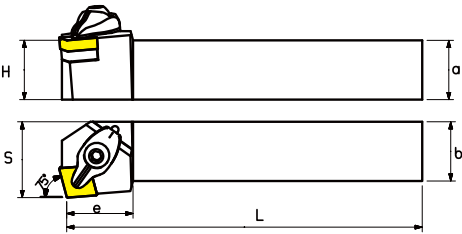


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉	
		Stock 库存		a	b	L	h	s							e
R	L														
DCBNR/L	2020K12			20	20	125	20	17	34	CN □□ 1204□□	MC 1204	S4 , S3	DCL2612	DM 0625	DSP 0612
	2525M12			25	25	150	25	22	36						
	3232P12			32	32	170	32	29	34						

车削刀具 | TURNING TOOLS

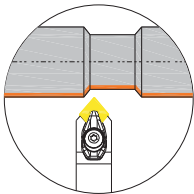
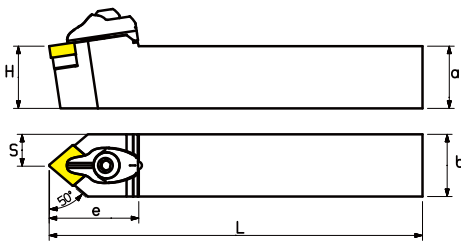
外圆车刀 External turning toolholders

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						
	2525M12			25	25	150	25	32	28						
	3232P12			32	32	170	32	39	28						

DCMNN

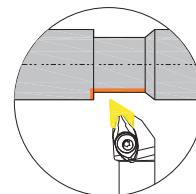
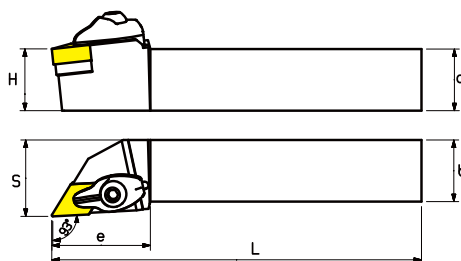


Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
		Stock 库存		a	b	L	h	s	e						
		R	L												
DCMNN	2020K12			20	20	125	20	10	36						
	2525M12			25	25	150	25	12.5	36						
	3232P12			32	32	170	32	16	36						

车削刀具 | TURNING TOOLS

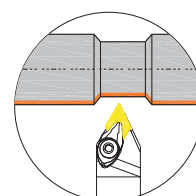
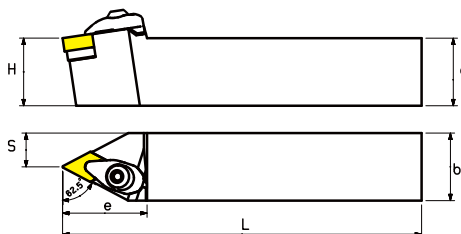
External turning toolholders 外圆车刀

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	e				
		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	DN□□ 1506□□										
	2020K1506			20	20	125	20	25	40											
	2525M1506			25	25	150	25	31	40											
	3232P1506			32	32	170	32	39	40											

DDPNN

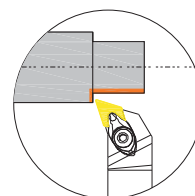
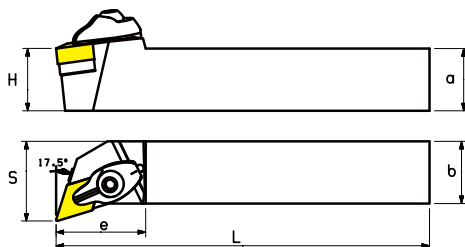


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉	
															
		Stock 库存		a	b	L	h	s	e						
		R	L												
DDPNN	2020K11			20	20	125	20	10	32	DN □□ 1104□□	MD 1103	S3	DCL2211	DM 0520	DSP 0510
	2525M11			25	25	150	25	12.5	36						
	2020K1504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

车削刀具 | TURNING TOOLS

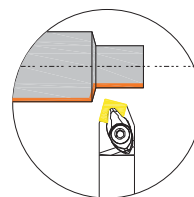
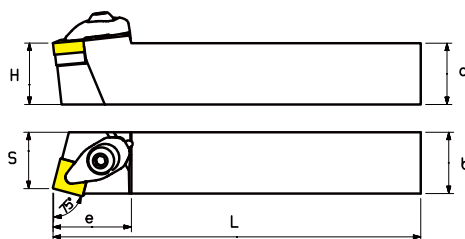
外圆车刀 External turning toolholders

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□□	MD 1504	S4 , S3	DCL2612	DM 0625	DSP 0612					
	2525M1504			25	25	150	25	32	36											
	3232P1504			32	32	170	32	38	36											
	2020K1506			20	20	125	20	26	36	DN□□ 1506□□										
	2525M1506			25	25	150	25	32	36											
	3232P1506			32	32	170	32	38	36											

DSBNR/L

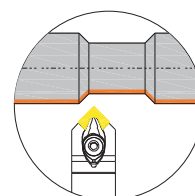
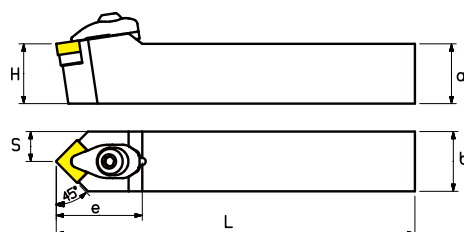


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉	
									Stock 库存		a	b	L	h	s
		R	L												
DSBNR/L	2020K12			20	20	125	20	18	34	SN □□ 1204□□	MS 1204	S3,S4	DCL 2612	DM 0625	DSP 0612
	2525M12			25	25	150	25	23	32						
	3232P12			32	32	170	32	30	33						

车削刀具 | TURNING TOOLS

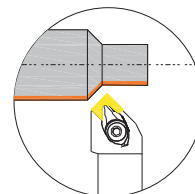
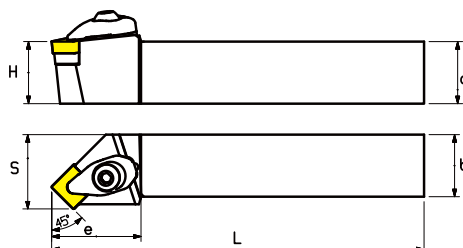
External turning toolholders 外圆车刀

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
		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						

DSSNR/L

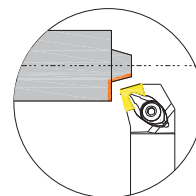
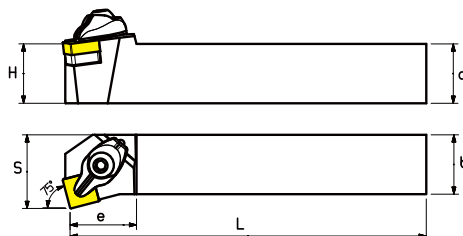


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉	
									Stock 库存		a	b	L	h	s
		R	L												
DSSNR/L	2020K12			20	20	125	20	25	36	SN □□ 1204□□	MS 1204	S3,S4	DCL 2612	DM 0625	DSP 0612
	2525M12			25	25	150	25	30	35						
	3232P12			32	32	170	32	38	35						

车削刀具 | TURNING TOOLS

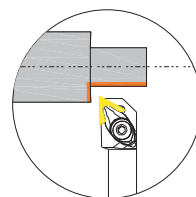
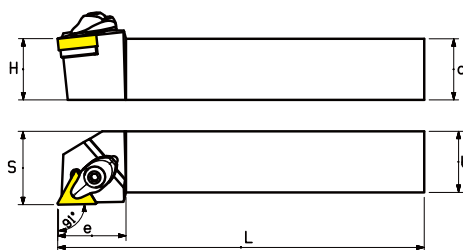
外圆车刀 External turning toolholders

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

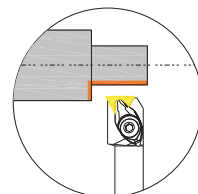
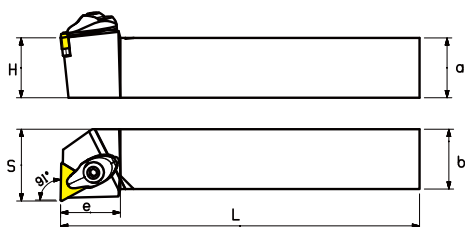


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉	
		Stock 库存		a	b	L	h	s	e						
DTGNR	2020K16			20	20	125	20	24	28	TN □□ 1604□□	MT 1603	S3	DCL 2211	DM 0520	DSP 0510
	2525M16			25	25	150	25	30	28						
	3225P16			32	25	170	32	30	28						
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

车削刀具 | TURNING TOOLS

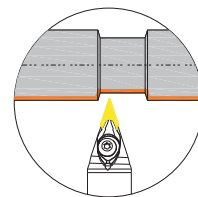
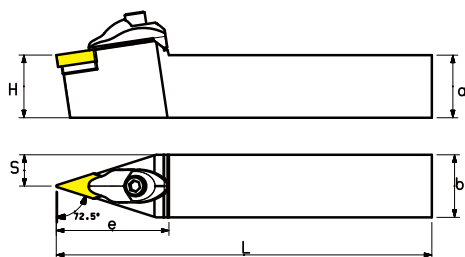
External turning toolholders 外圆车刀

DTFNR



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												
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	3232P16	●	●	32	32	170	32	38	26												

DVVNN

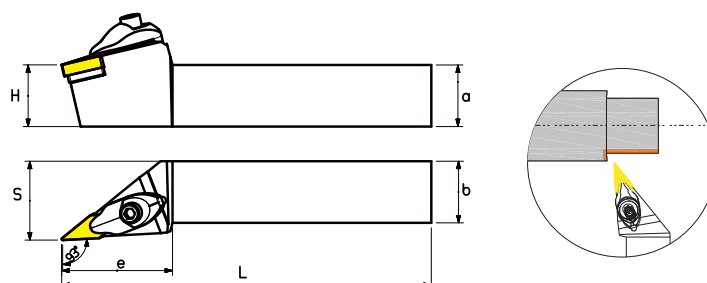


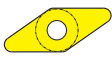
Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉							
		Stock 库存		a	b	L	h	s	e												
DVVNN	2020K16			20	20	125	20	10	45							VN □□ 1604□□	MV 1603	S3	DCL 3113	M5X25 (内六角)	DSP 0510
	2525M16			25	25	150	25	12.5	45												
	3225P16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

车削刀具 | TURNING TOOLS

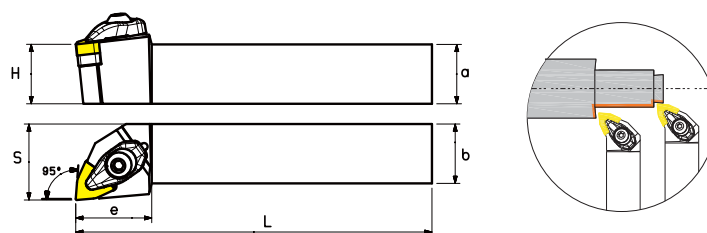
外圆车刀 External turning toolholders

DVJNR



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 □□ 1604□□	MV 1603	S3, S4	DCL 3113	M5X25 (内六角)	DSP 0510
	2525M16		25	25	150	25	32	45						
	3225P16		32	25	170	32	32	45						
	3232P16		32	32	170	32	40	45						

DWLNR

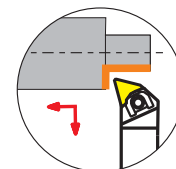
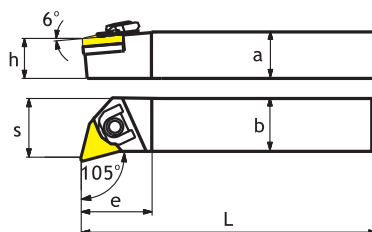


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamp screw 压板螺丝	screw 螺钉
		Stock 库存	a	b	L	h	s	e						
DWLNR/L	2020K08		20	20	125	20	25	32	WN □□ 0804□□	MW 0804	S4 S3	DCL 2612	DM 0625	DSP 0612
	2525M08		25	25	150	25	32	31						
	3225P08		32	25	170	32	32	31						
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

车削刀具 | TURNING TOOLS

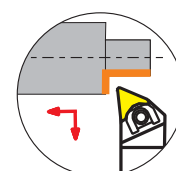
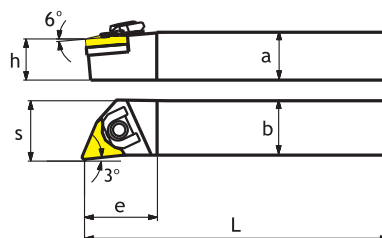
External turning toolholders 外圆车刀

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

WTJNR/L

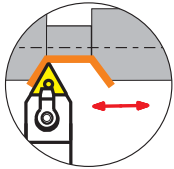
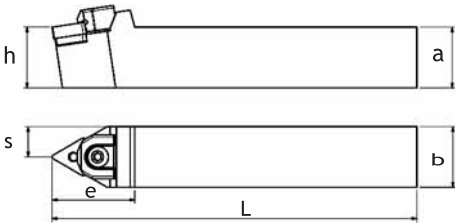


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Clamping screw 螺钉	Shim 刀垫	Wrench 扳手	Clamp 压板	Clamping stud 中心柱		
		Stock 库存		a	b	L	h	s	e							
		R	L													
WTJNR/L	1316H16			13	16	125	31	20	20	TN□□ 1604□□	WM0525	MT 1603	S2.5 S4	WTL16	SZ 0515	
	1616K16			16	16	125	31	22	32							
	2020K16			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

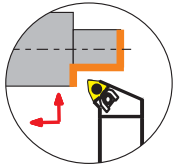
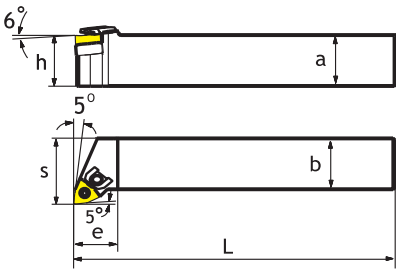
外圆车刀 External turning toolholders

WTENN



Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 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														
R	L	a	b	L	h	s	e									
WTENN	2020K16			20	20	125	20	10	34	TN□□ 1604□□	WM0525	MT 1603	S2.5 S4	WTL16	SZ 0515	
	2525M16			25	25	150	25	12.5	33							
	3232P16			32	32	170	32	16	33							
	2525M22			25	25	150	25	12.5	33	TN□□ 2204 □□		MT 2204	S3,S4	WTL22	SZ 0618	
	3232P22			32	32	170	32	16	33							

WWLNR/L



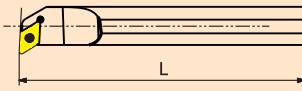
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		Stock 库存		a	b	L	h	s	e						
		R	L												
WWLNR/L	2020K08			20	20	125	25	27	32	WN□□ 0804□□	WM0525	MW 0804	S3 S4	WWL08	SZ 0618
	2525M08			25	25	150	32	32	32						
	3232P08			32	32	170	40	38	32						

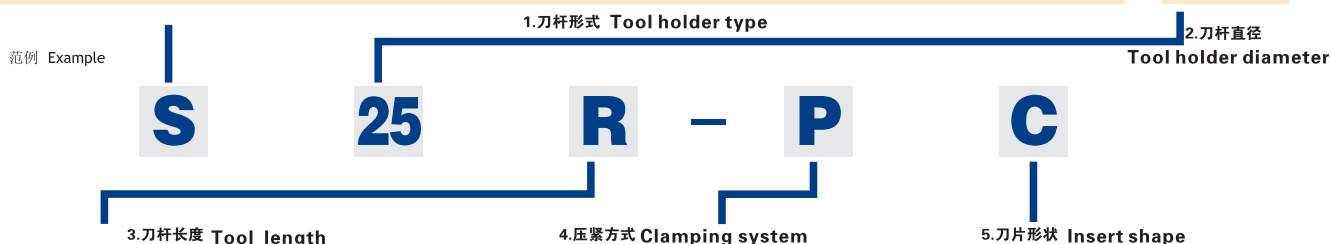
★ 电话查询库存

车削刀具 | TURNING TOOLS

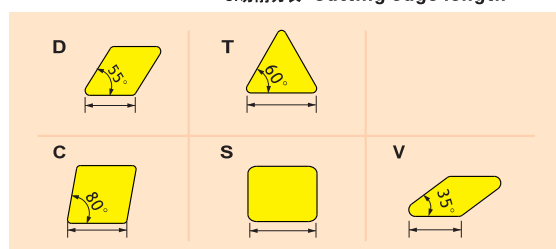
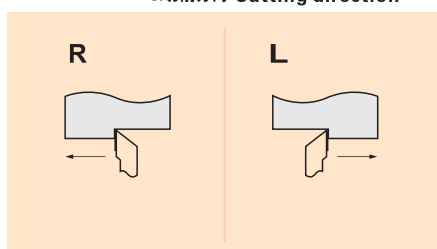
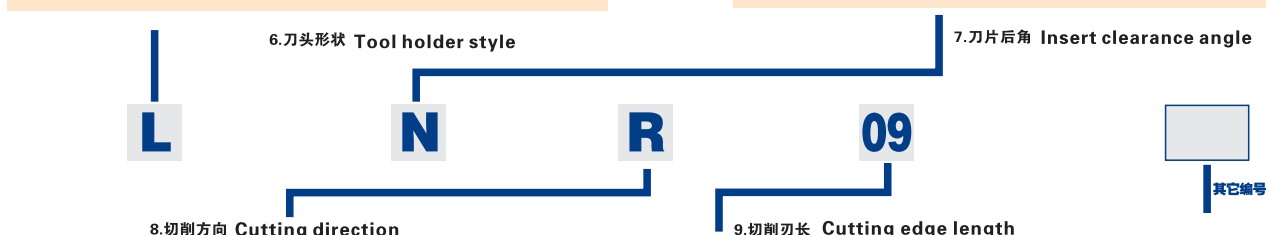
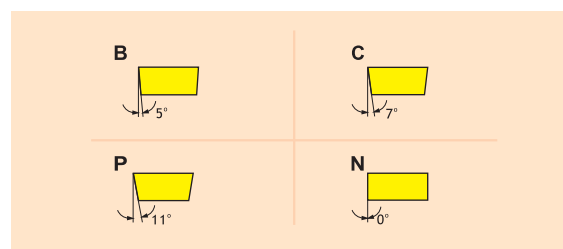
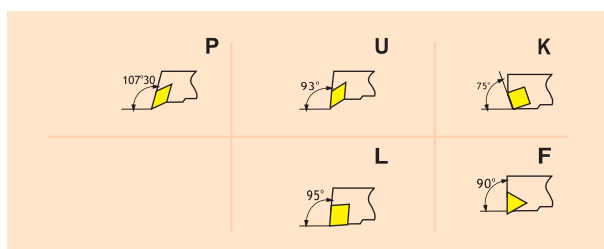
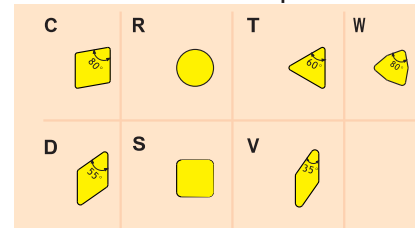
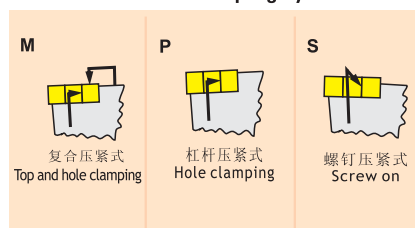
Internal turning toolholders 内孔车刀

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





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

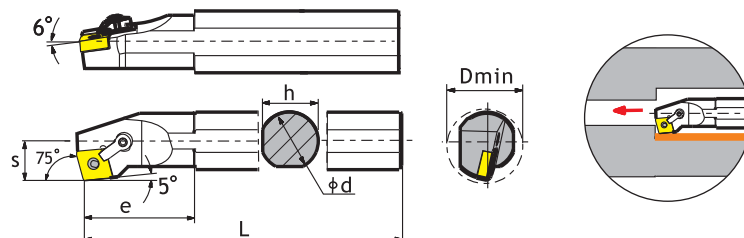


制造商
命名选项

车削刀具 | TURNING TOOLS

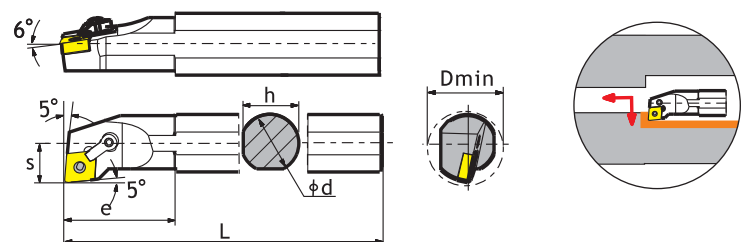
内孔车刀 Internal turning toolholders

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	S2.5,S3
S25R-MCKNR/L12			32	25	23	200	16.5	35						
S32S-MCKNR/L12			40	32	30	250	22	50		MC 1204	MSP617	MCL1814	WS 061025	S3
S40T-MCKNR/L12			50	40	38	300	26	55						
S50U-MCKNR/L12			60	50	48	350	30	60						

MCLNR/L

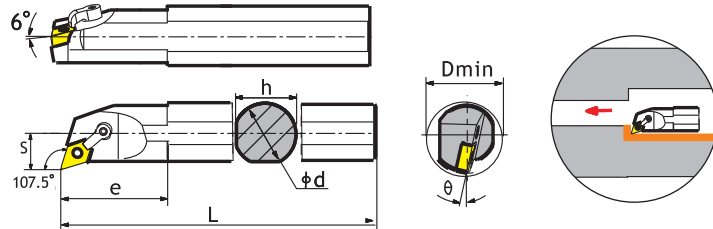


Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手	
	Stock 库存		Dmin	φd	h	L	s	e						
	R	L												
S20Q-MCLNR/L12			26	20	18	180	13	40	CN □□ 1204□□	X	MSP 613	MCL1810	WS 061020	S2.5,S3
S25R-MCLNR/L12			32	25	23	200	16	40						
S32S-MCLNR/L12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

车削刀具 | TURNING TOOLS

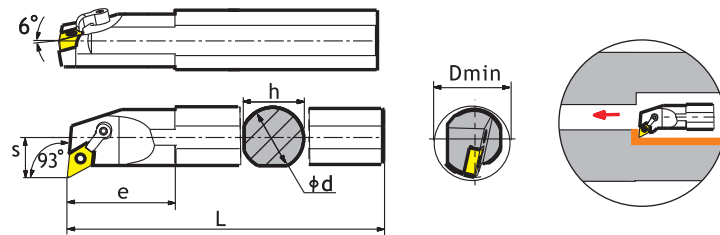
Internal turning toolholders 内孔车刀

MDQNR/L



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

MDUNR/L

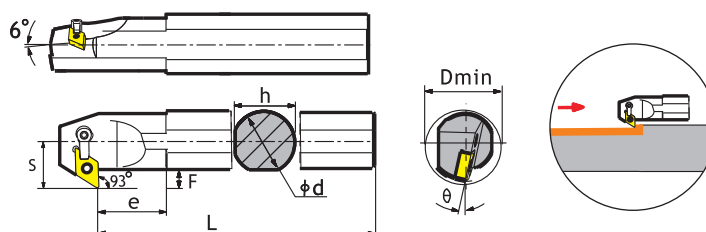


Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手	
	Stock 库存		Dmin	φd	h	L	s	e						
	R	L												
S20Q-MDUNR/L1504			28	20	18	180	17	40	DN□□ 1504□□	X	MSP613	MCL1810	WS 061020	S2.5,S3
S25R-MDUNR/L1504			32	25	24	200	19	40			MCL1814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

车削刀具 | TURNING TOOLS

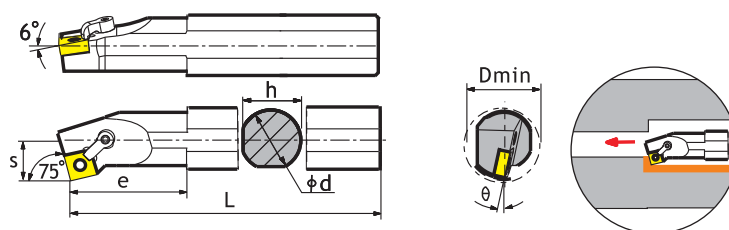
内孔车刀 Internal turning toolholders

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	Dmin	φd	h	L	s	e	F							
S25R-MDZNR/L1504			36	25	23	200	22	35	11	DN□□ 1504□□	X	MSP613	MCL1814	WS061025	S2.5,S3
S32S-MDZNR/L1504			43	32	30	250	26	40	12		MD1504	MSP617			S3
S40T-MDZNR/L1504			50	40	37	300	29	50	11.5			MSP619			
S32S-MDZNR/L1506			43	32	30	250	26	40	12	DN□□ 1506□□	MD1504	MSP617	MCL1814	WS061025	S3
S40T-MDZNR/L1506			50	40	37	300	29	50	11.5			MSP619			

MSKNR/L

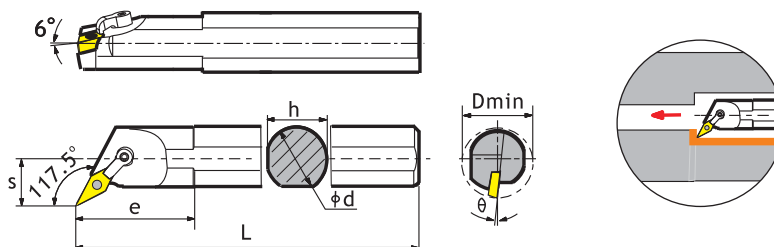


Type 型号	Dimension(mm) 基本尺寸										Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手	
	Stock 库存		Dmin	φd	h	L	s	θ°	e								
	R	L															
S20Q-MSKNR/L12			26	20	18	180	13	15°	31		SN□□ 1204□□	X	MSP613	MCL1810	WS061020	S2.5,S3	
S25R-MSKNR/L12			32	25	23	200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

车削刀具 | TURNING TOOLS

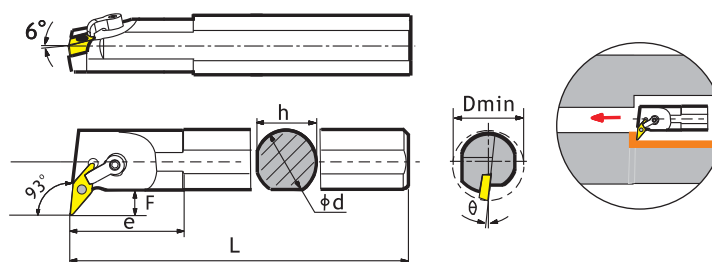
Internal turning toolholders 内孔车刀

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

MVUNR/L

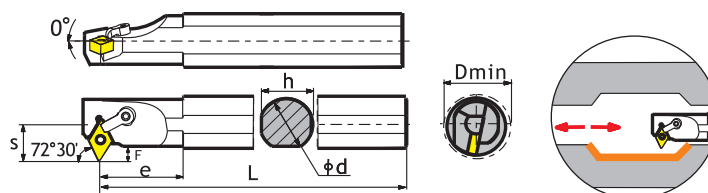


Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
	Stock 库存		Dmin	φd	h	L	s	e	F						
	R	L													
S25R-MVUNR/L16			36	25	23	200	20	40	8	VN□□ 1604□□	X	MSP510	MCL1814	WS061025	S2,S3
S32S-MVUNR/L16			42	32	30	250	23	40	8		MV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

车削刀具 | TURNING TOOLS

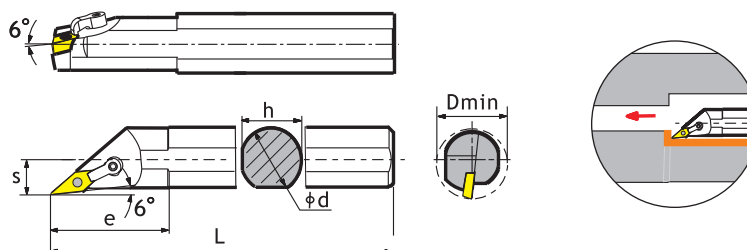
内孔车刀 Internal turning toolholders

MVWNR/L



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

MXNR/L

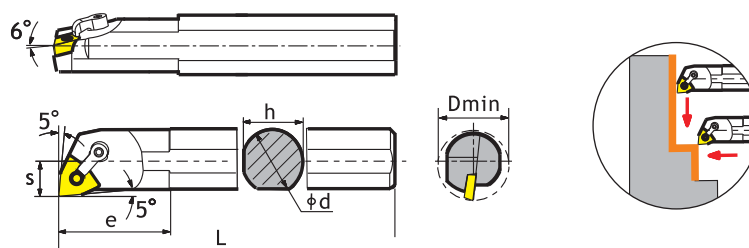


Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手
	Stock 库存		Dmin	φd	h	L	s	e						
	R	L												
S25R-MVXNR/L16			32	25	23	200	17	55	VN□□ 1604□□	X	MSP510	MCL2414	WS061025	S2,S3
S32S-MVXNR/L16			42	32	30	250	21	60		MV 1603	MSP513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

车削刀具 | TURNING TOOLS

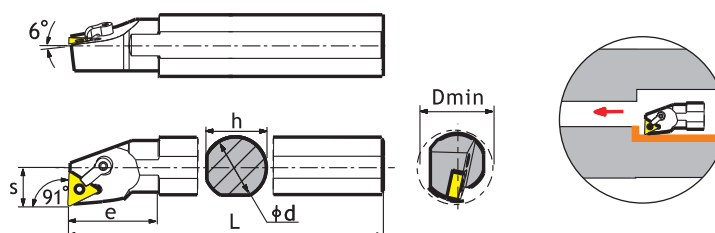
Internal turning toolholders 内孔车刀

MWLNRL



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

MTFNRL

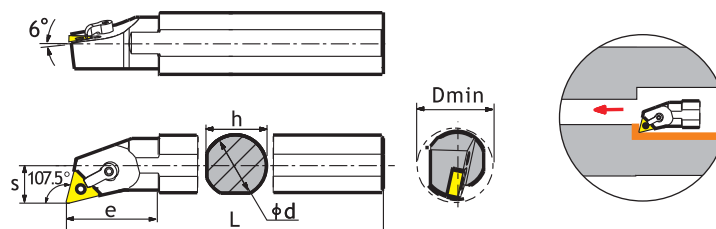


Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手	
	Stock 库存		Dmin	φd	h	L	s	e						
	R	L												
S20Q-MTFNR/L16			25	20	18	180	13	35	TN□□ 1604□□	X	MSP510	MCL1810	WS061020	S2,S3
S25R-MTFNR/L16			32	25	23	200	16	40				MT 1603	MSP513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

车削刀具 | TURNING TOOLS

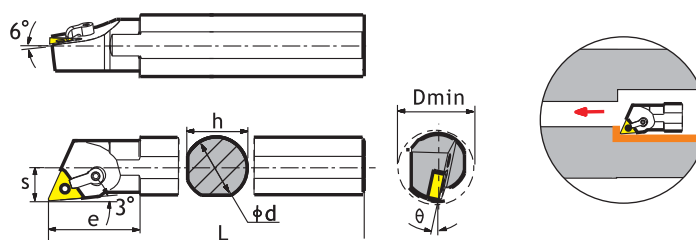
内孔车刀 Internal turning toolholders

MTQNR/L



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

MTJNR/L

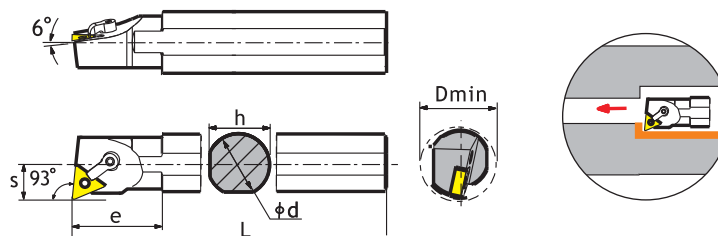


Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手		
	Stock 库存		Dmin	φd	h	L	s	e							
	R	L													
S25R-MTJNR/L16			32	25	23	200	15	40	TN□□ 1604□□	X	MSP510	MCL1814	WS061025	S2,S3	
S32S-MTJNR/L16			40	32	30	250	18	45		MT 1603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

车削刀具 | TURNING TOOLS

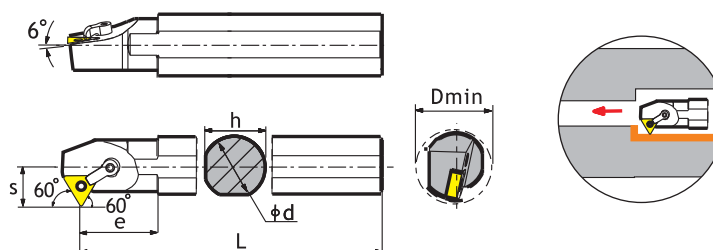
Internal turning toolholders 内孔车刀

MTUNR/L



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

MTWNR/L

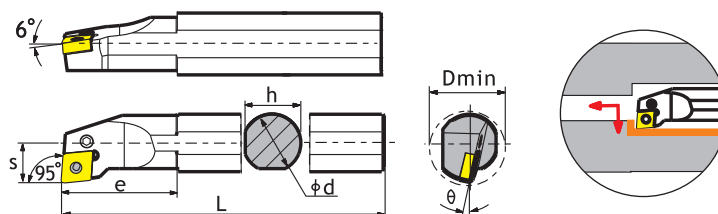


Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Shim 刀垫	Clamping stud 销钉	Clamp 压板	Clamping screw 双头螺钉	Wrench 扳手	
	Stock 库存		Dmin	φd	h	L	s	e						
	R	L												
S20Q-MTWNR/L16			27	20	18	180	15	31	TN□□ 1604□□	X	MSP510	MCL1810	WS061020	S2,S3
S25R-MTWNR/L16			32	25	23	200	17	35						
S32S-MTWNR/L16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

车削刀具 | TURNING TOOLS

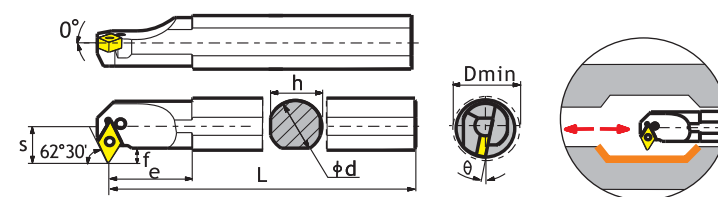
内孔车刀 Internal turning toolholders

PCLNR/L



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

PDSNR/L



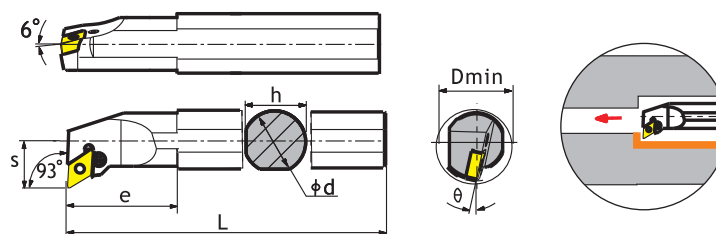
Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手	Lever 杠杆	Shim 刀垫	Shim pin 垫档
	Stock 库存		Dmin	φd	h	L	s	e	f						
	R	L													
S32S-PDSNR/L15			40	32	30	250	23.5	45	9	DN□□ 1506□□	VHX0821	S3	LV4B	PD15318	SP4
S40T-PDSNR/L15			50	40	37	300	28.5	43	11						
S32S-PDSNR/L15-3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

车削刀具 | TURNING TOOLS

Internal turning toolholders 内孔车刀

PDUNR/L

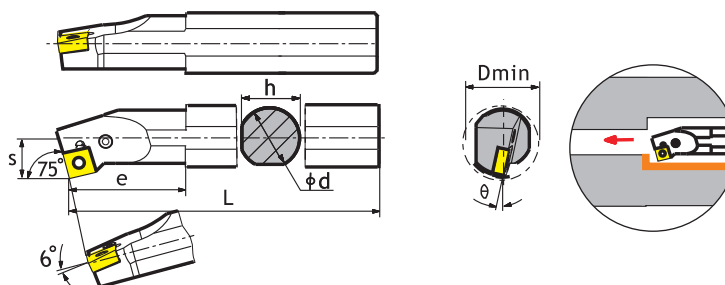
93°



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

PSKNR/L

75°

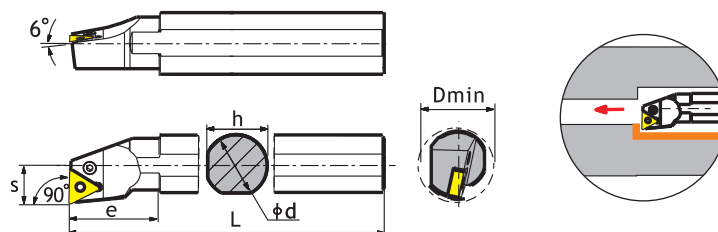


Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手	Lever 杠杆	Shim 刀垫	Shim pin 垫档
	Stock 库存		Dmin	φd	h	L	s	θ°	e						
	R	L													
S25R-PSKNR/L 12			32	25	23	200	17	-12°	42	SN□□ 1204□□	VHX0613	S2.5	LV4A	—	—
S32S-PSKNR/L 12			44	32	30	250	22	-10°	45		VHX0821	S3	LV4	PS12318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

车削刀具 | TURNING TOOLS

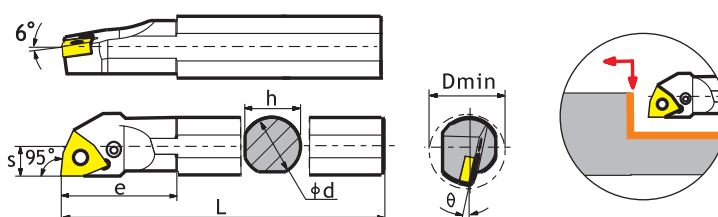
内孔车刀 Internal turning toolholders

PTFNR/L



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

PWLNR/L

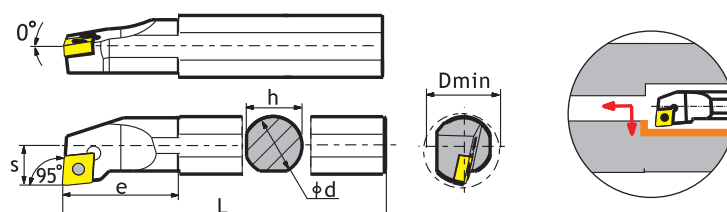


Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手	Lever 杠杆	Shim 刀垫	Shim pin 档垫
	Stock 库存		Dmin	φd	h	L	s	θ°	e						
	R	L													
S16Q-PWLNR/L06			20	16	15	180	11	-13°	25	WN□□ 0604□□	VHX0512	S2	LV3B	—	—
S20Q-PWLNR/L06			25	20	18	180	13	-13°	32						
S25R-PWLNR/L06			32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

车削刀具 | TURNING TOOLS

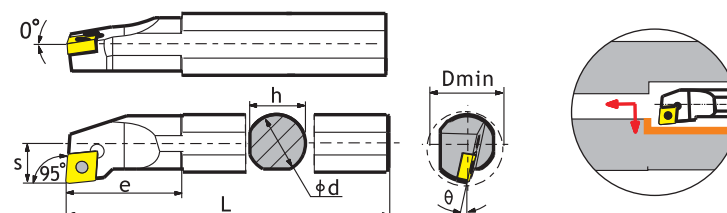
Internal turning toolholders 内孔车刀

SCLCR/L



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

SCLCR/L-H

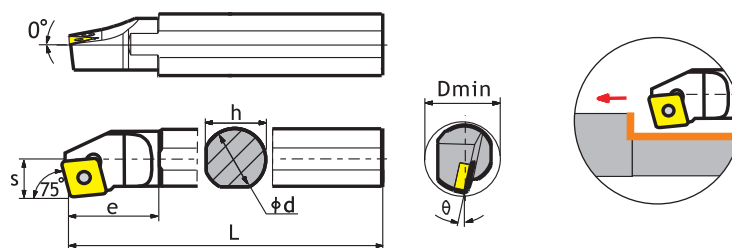


Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock库存		Dmin	φd	h	L	s	θ°	e			
	R	L										
S08K-SCLCR/L 06H09			9	8	7	125	4.3	-15°	15	CC□T 0602□□	L60M2.5X5	T08
S10K-SCLCR/L 06H11			11	10	9	125	5.5	-13°	16			
S12M-SCLCR/L 06H13			13	12	11	150	6.5	-10°	17			
S16Q-SCLCR/L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

车削刀具 | TURNING TOOLS

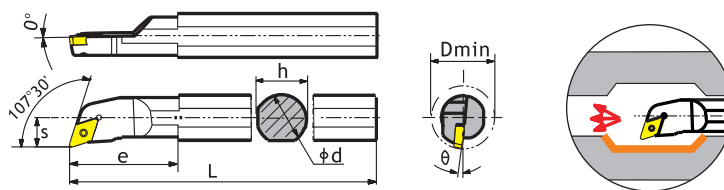
内孔车刀 Internal turning toolholders

SCKCR/L



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

SDQCR/L



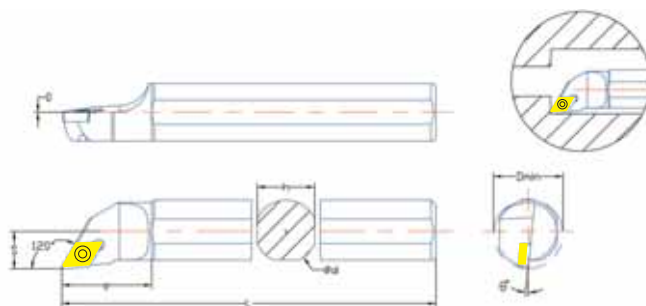
Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	φd	h	L	s	θ°	e			
	R	L										
S08K-SDQCR/L07			10	8	7	125	6	-8°		DC□T 0702□□	L60M2.5X5	T08
S10K-SDQCR/L 07			13	10	9	125	7	-8°	20			
S12M-SDQCR/L 07			16	12	11	150	9	-8°	22			
S16Q-SDQCR/L 07			20	16	15	180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

车削刀具 | TURNING TOOLS

Internal turning toolholders 内孔车刀

SDXCR/L

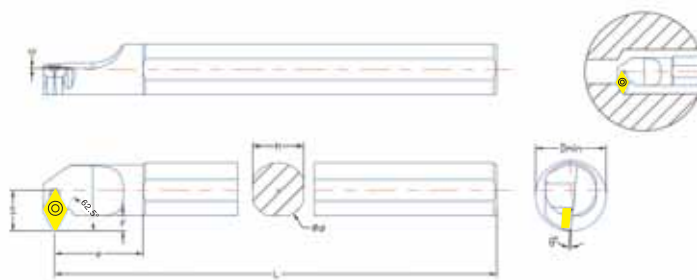
120°



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

SDWCR/L

62°30'

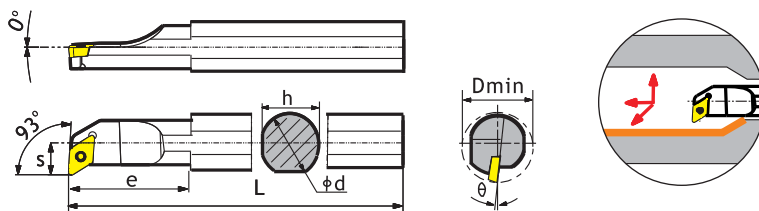


Type 型号	Dimension(mm) 基本尺寸										Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	φd	h	L	s	θ°	e	f			
	R	L											
S12M-SDWCR/L 07			19	12	11	125	11	-8°	15	5.5	DC□T 0702□□	L60M2.5X5	T08
S16Q-SDWCR/L 07			23	16	15	180	12.5	-8°	15	5			
S20Q-SDWCR/L 07			27	20	19	180	14.5	-8°	22	5.5			
S20Q-SDWCR/L 11			27	20	19	180	14.5	-6°	25	6	DC□T 11T3□□	L60M4X8	T15
S25R-SDWCR/L 11			32	25	24	200	18	-6°	25	7			
S32S-SDWCR/L 11			40	32	30	250	21.5	-6°	40	6.5			

车削刀具 | TURNING TOOLS

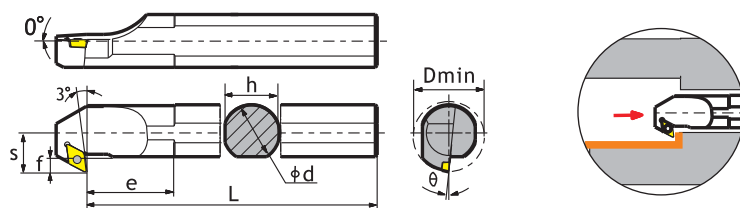
内孔车刀 Internal turning toolholders

SDUCR/L



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

SDZCR/L

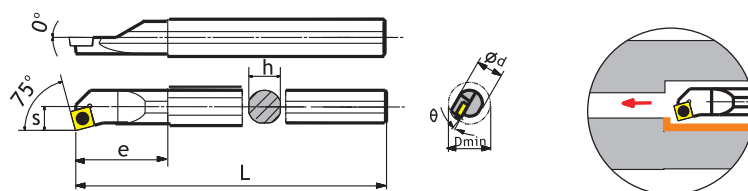


Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手	
	Stock 库存		Dmin	φd	h	L	s	θ°	e	f			
	R	L											
S20Q-SDZCR/L11			27	20	18	180	16	-6°	20	7.5			
S25R-SDZCR/L 11			33	25	23	200	19	-6°	30	7.5			
S32S-SDZCR/L 11			40	32	30	250	23	-6°	35	8.4			
S40T-SDZCR/L 11			50	40	37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

车削刀具 | TURNING TOOLS

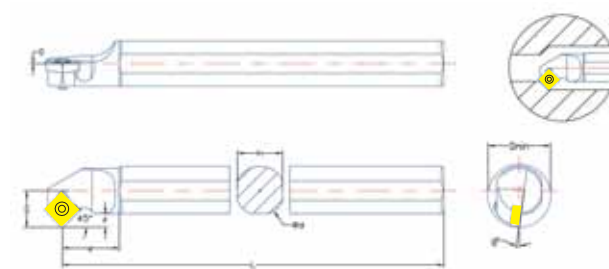
Internal turning toolholders 内孔车刀

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

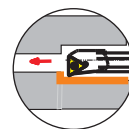
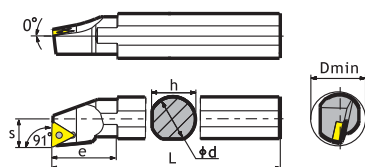


Type 型号	Dimension(mm) 基本尺寸										Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	φd	h	L	s	θ°	e	f			
	R	L											
S12M-SSSCR/L 09			17	12	11	150	10	-10°	15	4.5	SC□ T 09T3□□	L60M4X8	T15
S16Q-SSSCR/L 09			22	16	15	180	13	-11°	25	5.5			
S20Q-SSSCR/L 09			25	20	18	180	15	-6°	30	6			
S25R-SSSCR/L 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			

车削刀具 | TURNING TOOLS

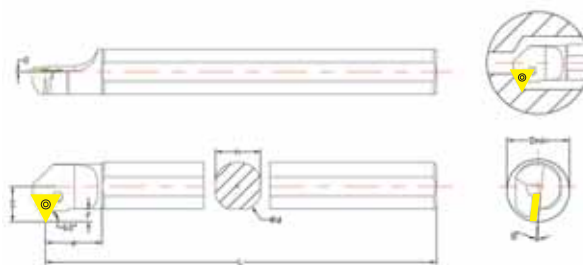
内孔车刀 Internal turning toolholders

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			
S16Q-STFCR/L 11			18	16	15	180	9	25	TC□ T 1102□□	L60M2.5X5	T08
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

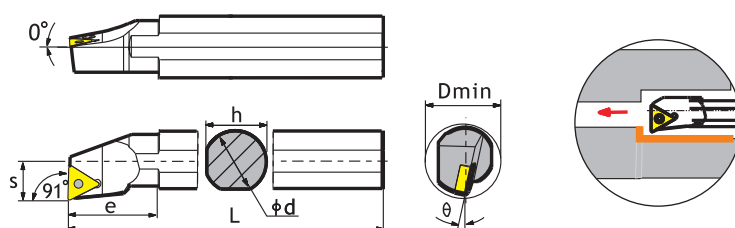


Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	φd	h	L	s	e'	e			
	R	L										
S10K-STWCR/L 11			14	10	9	125	8	-10°	14	TC□ T 1102□□	L60M2.5X5	T08
S12M-STWCR/L 11			16	12	11	150	9	-13°	25			
S16Q-STWCR/L 11			20	16	15	180	11	-10°	30			
S20Q-STWCR/L 11			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			

车削刀具 | TURNING TOOLS

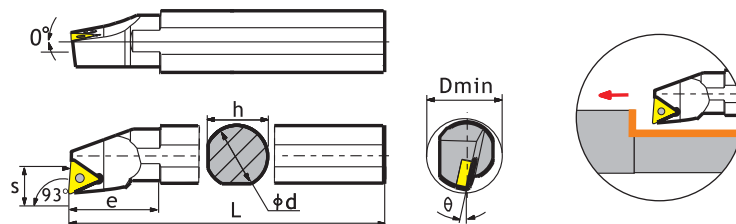
Internal turning toolholders 内孔车刀

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°	e						
	R	L													
S08K-STFPR/L09			10	08	7	125	5	-10°	14				TP□ T 0902□□ (京瓷)	L60M2.5X5	T08
S10K-STFPR/L11H11			11	10	9	125	5.5	-13°							
S12M-STFPR/L 11H13			13	12	11	150	6.8	-10°		TP□ T 1103□□ (Zocct)					
S16Q-STFPR/L 11H17			17	16	15	180	8.8	-6°							

STUCR/L

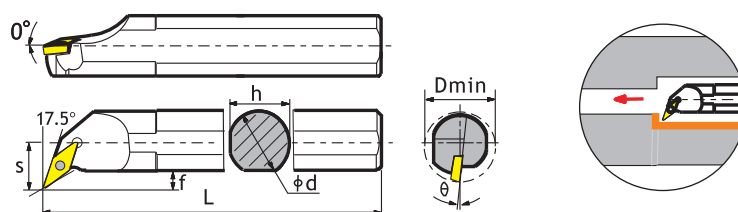


Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手	
	Stock 库存		Dmin	φd	h	L	s	θ°	e			
S08K-STUCR/L09			11	08	7	125	5.5	-15°		TC□ T 0902□□	L60M2.2X6	T06
S08K-STUCR/L09-A16			11	16	15	125	5.5	-15°	24			
S10K-STUCR/L09			13	10	9	125	6	-13°	10			
S10K-STUCR/L09-A16			13	16	15	125	7	-13°	30			
S10K-STUCR/L11			13	10	9	125	7	-12°	10	TC□ T 1102□□	L60M2.5X5	T08
S10K-STUCR/L11-A16			16	16	15	125	7	-12°	30			
S12M-STUCR/L11			16	12	11	150	7	-10°	25			
S12M-STUCR/L11-A16			16	16	15	150	7	-10°	30			
S16Q-STUCR/L11			20	16	15	160	9	-8°	25	TC□ T 16T3□□	L60M4X8	T15
S20Q-STUCR/L11			25	20	19	180	11	-6°	25			
S25R-STUCR/L11			31	25	24	200	15	-4°	34			
S20Q-STUCR/L16			25	20	19	180	13	-8°	36			
S25R-STUCR/L16			31	25	24	200	17	-6°	40			
S32S-STUCR/L16			39	32	30	250	18	-4°	50			
S40T-STUCR/L16			50	40	38	300	25	-2°	60			

车削刀具 | TURNING TOOLS

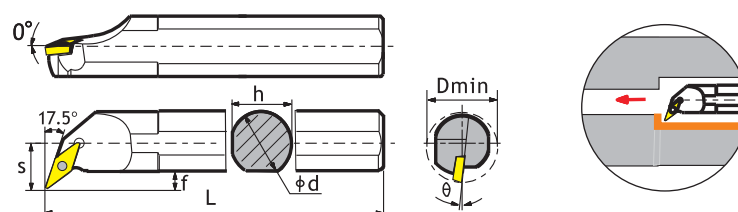
内孔车刀 Internal turning toolholders

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		Dmin	φd	h	L	s	θ°	e	f			
	R	L											
S20Q-SVQCR/L16			27	20	18	180	15	-8°	40	6.0	VC T 1604 □ □	L60M4X8	T15
S25R-SVQCR/L16			32	25	23	200	18.5	-8°	45	6.9			
S32S-SVQCR/L 16			40	32	30	250	22	-8°	56	8.4			
S40T-SVQCR/L 16			50	40	37	300	27	-8°	64	9.4			

SVQBR/L

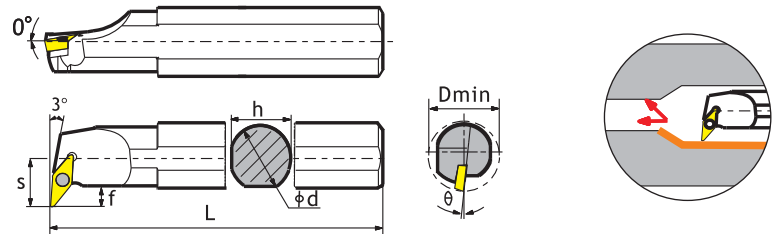


Type 型号	Dimension(mm) 基本尺寸										Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	φd	h	L	s	θ°	e	f			
	R	L											
S20Q-SVQBR/L16			27	20	18	180	15	-8°	40	6.0	VB T 1604 □ □	L60M4X8	T15
S25R-SVQBR/L16			32	25	23	200	18.5	-8°	45	6.9			
S32S-SVQBR/L 16			40	32	30	250	22	-8°	56	8.4			
S40T-SVQBR/L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

车削刀具 | TURNING TOOLS

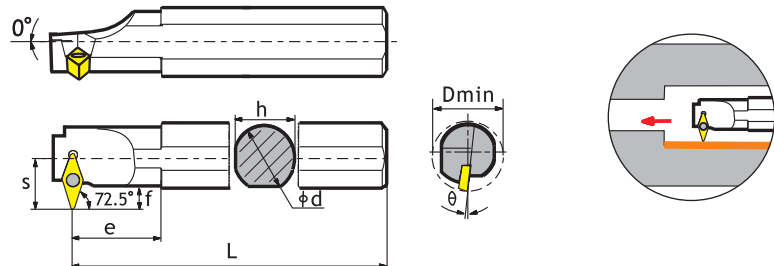
Internal turning toolholders 内孔车刀

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	180	20	32	8.4			
S32S-SVUCR/L 16			42	32	30	250	22	49	8.4			
S40T-SVUCR/L 16			51	40	37	300	27	49	11			

SVWCR/L

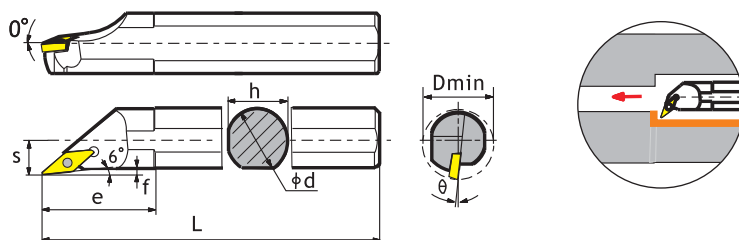


Type 型号	Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手	
	Stock 库存		Dmin	φd	h	L	s	e	f			
	R	L										
S16Q-SVWCR/L11			25	16	15	180	14	25	6.9	VC□ T 1103□□	L60M2.5X5	T08
S20Q-SVWCR/L16			32	20	18	180	22	25	12.9			
S25R-SVWCR/L16			36	25	23	200	22	30	10			
S32S-SVWCR/L 16			45	32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

车削刀具 | TURNING TOOLS

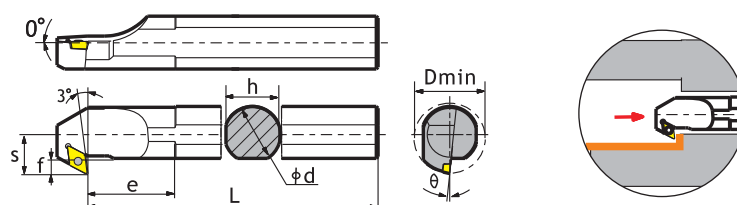
内孔车刀 Internal turning toolholders

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			
S32S-SVXCR/L 16			40	32	30	250	21	62	6			
S40T-SVXCR/L 16			50	40	37	300	24	62	5.5			

SVZCR/L

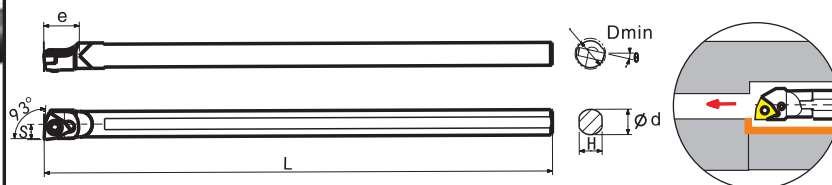


Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	φd	h	L	s	e	f			
	R	L										
S16Q-SVZCR/L 11			22	16	15	180	13.5	15	6.5	VC□ T 1103□□	L60M2.5X5	T08
S20Q-SVZCR/L 11			28	20	18	180	16	22	7.5			
S25R-SVZCR/L 16			34	25	23	200	21	30	10	VC□ T 1604□□	L60M4X8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

车削刀具 | TURNING TOOLS

Tungsten steel Internal Turning tools 钨钢内孔车刀

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	ε°	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	CC□T0602□□	L60M2.5X5	T08			
R	L														
C07K-SCLCR/L06			10	7	6.5	125	4.5	-15°	8				CC□T09T3□□	L60M4X8	T15
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						
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						

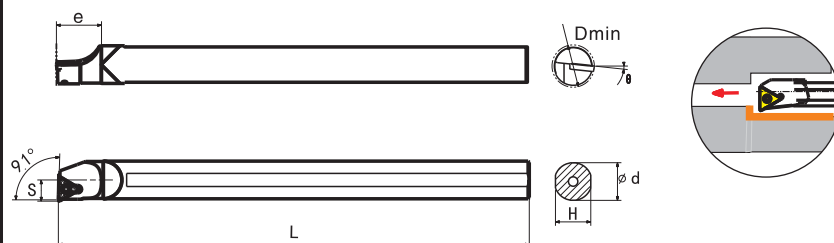
备注：钨钢抗震内孔刀杆我司可提供带内冷和不带内冷两种型号供客户选择

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

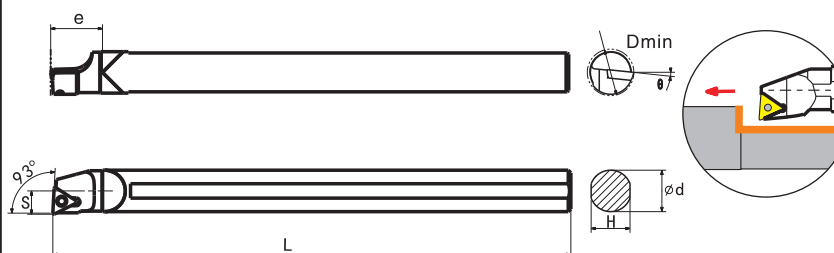
钨钢内孔车刀 Tungsten steel Internal Turning tools

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



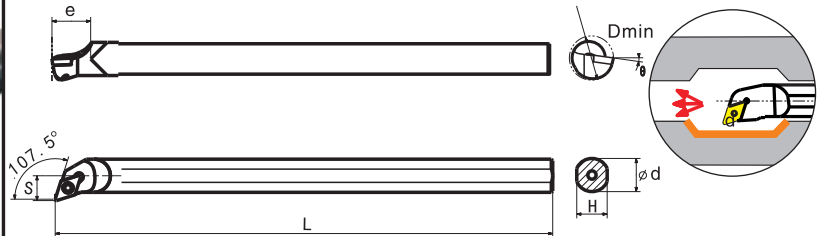
Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock 库存		Dmin	φd	h	L	s	θ°	e			
	R	L										
C08K-STUPR/L09			11	8	7.5	125	5.5	-10	8	TP□T0902□□ (京瓷)	L60M2.5X5.0	T08
C10M-STUPR/L09			13	10	9.5	150	6.5	-8	14			
C12Q-STUPR/L09			16	12	11	180	7.5	-6	14			
C12Q-STUPR/L11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

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

车削刀具 | TURNING TOOLS

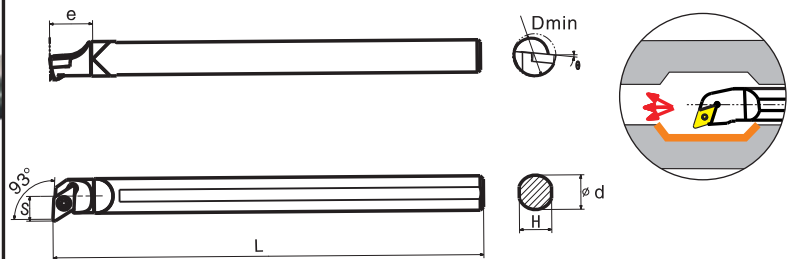
Tungsten steel Internal Turning tools 钨钢内孔车刀

SDQCR/L



Type 型号	Dimension(mm) 基本尺寸									Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
	Stock库存		Dmin	φd	h	L	s	θ°	e			
	R	L										
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	θ°	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

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

R

右切 Right

L

左切 Left

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

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

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



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

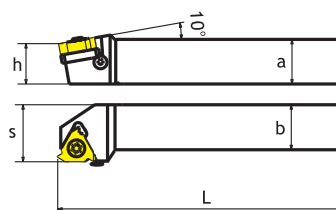
7.刀片尺寸 Insert dimension

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

外螺纹车刀 External threading tools



图示为右刀



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	s					
	R	L										
SWR/L	1010H11H		10	10	10	100	16	R/LT11.01W-□□GM	L60 M2.5 × 6	—	—	T08
	1212H11H		12	12	12	100	16					
	1616H16H		16	16	16	100	20					
	2020K16H		20	20	20	125	25	R/LT16.01W-□□GM	L60 M3.5 × 12	TT16-□□	SS04008	T15 S2.5
	2525M16H		25	25	25	150	32					
	3225P16H		32	32	25	170	32					
	3232P16H		32	32	32	170	40					
	2525M22H		25	25	25	150	32	R/LT22.01W-□□GM	L60 M5 × 16	TT22-□□	SS04008	T20 S2.5
	3225P22H		32	32	25	170	32					
	3232P22H		32	32	32	170	40					
	4040S22H		40	40	40	250	50					

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

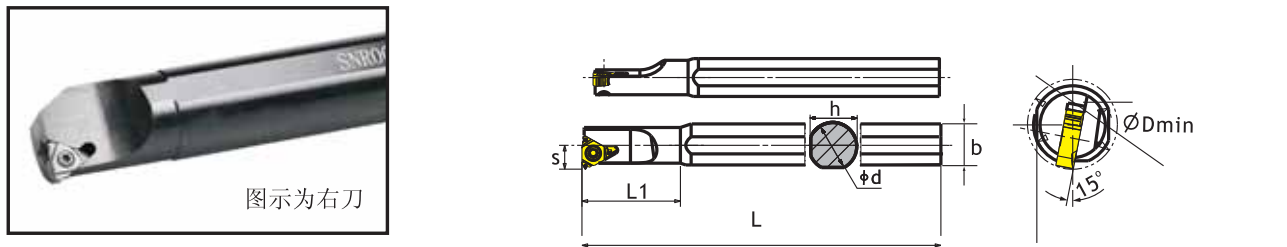
Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Screw 刀片螺钉	Shim 刀垫	Shim Screw 刀垫螺钉	Wrench 扳手
	Stock 库存		a	h	b	L	s					
	R	L										
SWR/L	1010H11		10	10	10	100	16	11ER/L	L60 M2.5 × 6	—	—	T08
	1212H11		12	12	12	100	16					
	1616H16		16	16	16	100	20					
	2020K16		20	20	20	125	25	16ER/L	L60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

车削刀具 | TURNING TOOLS

螺纹刀 Threading toolholders

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-□□GM	—	L60 M2.5×5	T08	
SNR/L0012K11H		12	125		16	6	11.5	32	RT11.01N-□□GM				
SNR/L0013M16H		13	150		16	10	15.5	32	LT16.01N-□□GM RT16.01N-□□GM	—	L60 M3.5×8	T15	
SNR/L0016M16H		16	150		20	12	15.5	40					
SNR/L0020Q16H		20	180		25	14	19.5	40		TT16	L60 M3.5×12	T15 S2.5	SS04008
SNR/L0025R16H		25	200		30	16	24	45					
SNR/L0032S16H		32	250		38	20	30	55	RT22.01N-□□GM LT22.01N-□□GM				
SNR/L0025R22H		25	200		30	18	24	45		TT22	L60 M5×16	T20 S2.5	SS04008
SNR/L0032S22H		32	250		38	22	30	55					
SNR/L0040T22H		40	300		46	26	38	60					

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

Type 型号	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		—	L60 M3.5×8	T15	SS04008
SNR/L0016M16		16	150		20	12	15.5	40	161R/L				
SNR/L0020Q16		20	180		25	14	19.5	40		TT16	L60 M3.5×12	S2.5	SS04008
SNR/L0025R16		25	200		30	16	24	45					
SNR/L0032S16		32	250		38	20	30	55					
SNR/L0025R22		25	200		30	18	24	45	221R/L	TT22	L60 M4×16	T20 S2.5	SS04008
SNR/L0032S22		32	250		38	22	30	55					
SNR/L0040T22		40	300		46	26	38	60					
SNR/L0032S27		32	250		40	24	30	55	271R/L	TT27	L60 M6×16	T20 S2.5	SS04008
SNR/L0040T27		40	300		50	30	38	60					

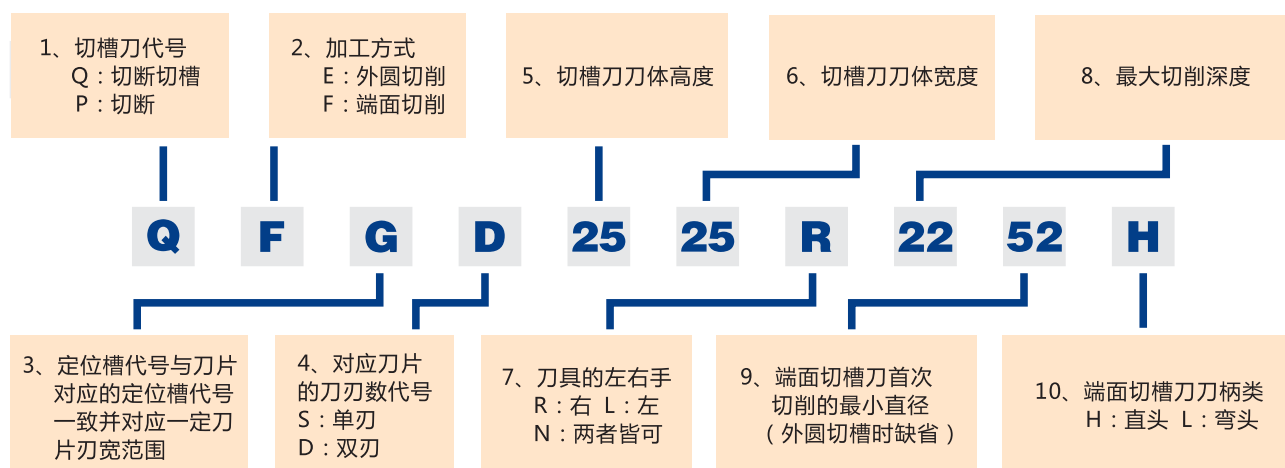
★ 注明：配套刀片建议参考ISO国标刀片。Note:The insert is ISO brand.

切断切槽刀杆命名规则

Parting and grooving holders code key

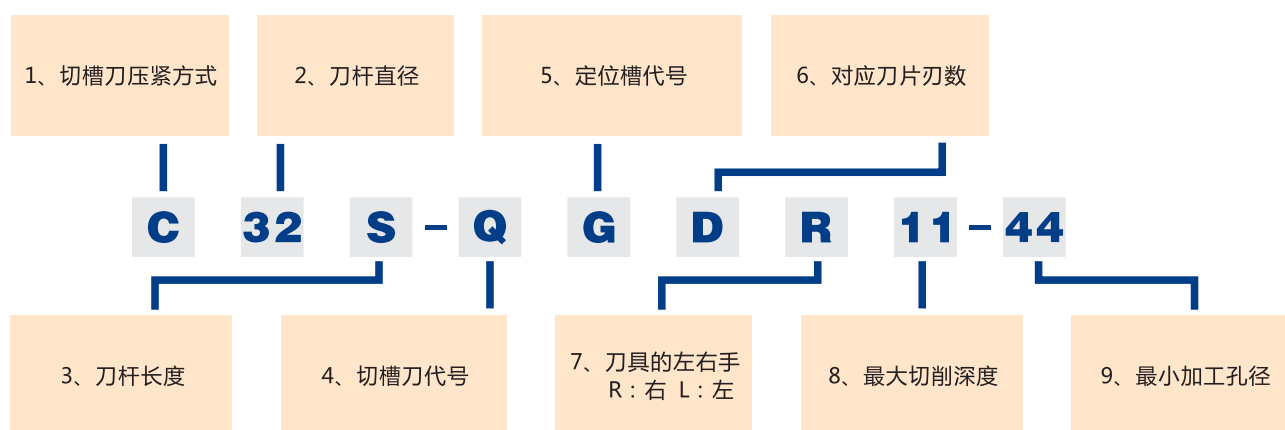
外圆、端面切断切槽刀具

External and surface cutting



内圆切槽刀具

Internal cutting



用于切断刀板的刀座

Height of blades

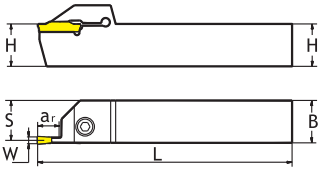


车削刀具 | TURNING TOOLS

切断切槽刀 Parting and grooving toolholders

外圆切断、切槽刀具

External Parting, Grooving and Turning Tools



Type 型号		基本尺寸 Dimension(mm)					刀片 Inserts	螺钉 Screw	扳 手 Wrench
		H×B	L	S	W	最大切深 a _r max			
QEED	1616R/L10	16x16	100	15	2.5	10	Z•ED*****	M5 × 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*****		
QEKD	3232R/L13	32x32	170	29.6	6	13	Z•KD*****		
	3232R/L 22	32x32	170	29.6	6	22	Z•KD*****		
QEKS	3232N 30	32x32	170	16	6	30	Z•KS*****		

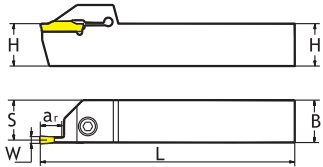
★ 可安装切断、切槽、车削、仿形刀片。
Parting, grooving, turning, profiling inserts are adaptable to the tools.

车削刀具 | TURNING TOOLS

Parting and grooving toolholders 切断切槽刀

外圆切断、切槽刀具

External Parting, Grooving and Turning Tools



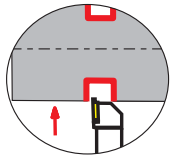
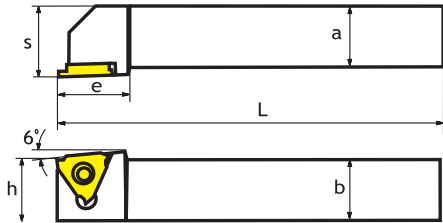
Type 型号		基本尺寸 Dimension(mm)					刀片 Inserts	螺钉 Screw	扳 手 Wrench
		H	L	S	W	最大切深 a _{r,max}			
MGEHR/L	1616-2	16	100	15	2	14.5	MGMN200-M	M5 × 17	S4
	2020-2	20	125	19	2	14.5	MGMN200-M	M6 × 20	S5
	2525-2	25	150	24	2	14.5	MGMN200-M	M6 × 20	S5
	1616-2.5	16	100	15	2.5	16.5	MGMN250-M	M5 × 17	S4
	2020-2.5	20	125	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		
	3232-3-T10	32	170	30.5	3	10	MGMN300-M	M6 × 20	S5
	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.

车削刀具 | TURNING TOOLS

切断切槽刀 Parting and grooving toolholders

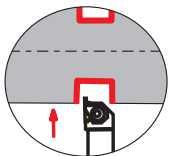
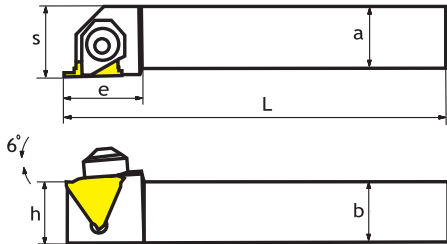
SGTR/L



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			
		R	L									
SGTR/L	1212H16C			12	12	100	20	12	16	GLR/L3□□□□	M3.5 × 8	T15
	1616H16C			15	16	100	20	16	20			
	2020K16C			20	20	125	20	20	25			
	2525M16C			25	25	150	20	25	32			
	2020K22C			20	20	125	30	20	25	GLR/L4□□□□	M4 × 10	T15
	2525M22C			25	25	150	30	25	32			

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

KGBR/L



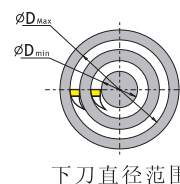
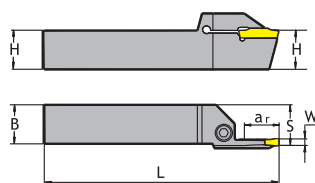
Type 型号		Dimension(mm) 基本尺寸								Applicable Inserts 使用的刀片	Clamping screw 螺钉	Clamp 压板	Wrench 扳手
		Stock 库存		a	b	L	h	s	e				
		R	L										
KGBR/L	2020K22-15			20	20	125	20	25	24	GB43R/050~300	CM 0620	CGBR/L	S4
	2525M22-15			25	25	150	25	30	25				
	2020K22-25			20	20	125	20	25	25.5	GB43R/250~330	CM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

车削刀具 | TURNING TOOLS

Parting and grooving toolholders 切断切槽刀

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



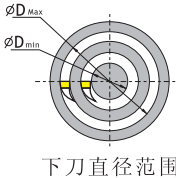
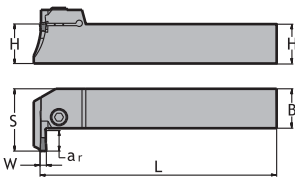
Type 型号	基本尺寸 Dimension(mm)						适用刀片 Applicable inserts	螺钉 Screw	扳手 Wrench
	HxB	L	S	W	a_r	ϕD (min-Max)			
QFFD2525R/L10-48H	25x25	150	26	3	10	48-66	ZTFD0303-MG	M6 x 20	S5
QFFD2525R/L17-48H	25x25	150	26	3	17	48-66	ZTFD0303-MG		
QFFD2525R/L10-60H	25x25	150	26	3	10	60-80	ZTFD0303-MG		
QFFD2525R/L17-60H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

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

车削刀具 | TURNING TOOLS

切断切槽刀 Parting and grooving toolholders

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

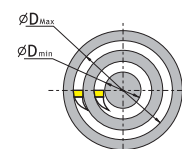
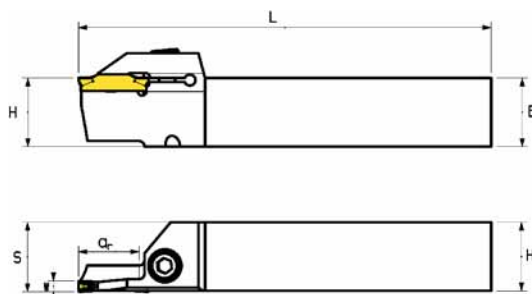


Type 型号	基本尺寸 Dimension(mm)						适用刀片 Applicable inserts	螺钉 Screw	扳手 Wrench
	HxB	L	S	W	a _r	∅D (min-Max)			
QFFD2525R/L 10-48L	25x25	150	36.5	3	10	48-66	ZTFD0303-MG	M6 × 20	S5
QFFD2525R/L 17-48L	25x25	150	43.5	3	17	48-66	ZTFD0303-MG		
QFFD2525R/L 10-60L	25x25	150	36.5	3	10	60-80	ZTFD0303-MG		
QFFD2525R/L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

车削刀具 | TURNING TOOLS

Parting and grooving toolholders 切断切槽刀

QF□D-RR



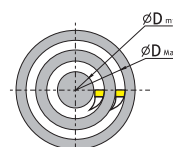
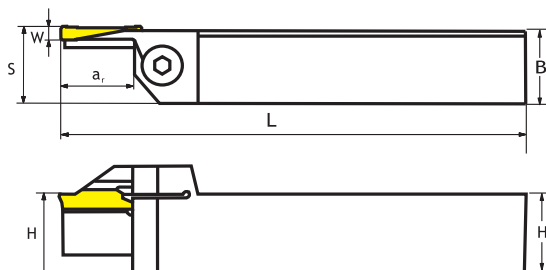
下刀直径范围

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

车削刀具 | TURNING TOOLS

切断切槽刀 Parting and grooving toolholders

QF□D-LL



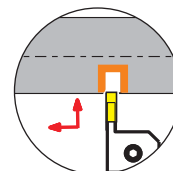
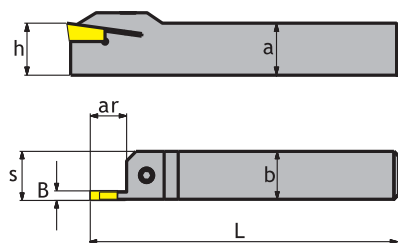
下刀直径范围

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_r	ϕD (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		
QFGD2525LL 22-52H	25x25	150	26	4	22	52-72	ZTGD0404-MG		
QFGD2525LL13-64H	25x25	150	26	4	13	64-100	ZTGD0404-MG		
QFGD2525LL 22-64H	25x25	150	26	4	22	64-100	ZTGD0404-MG		
QFGD2525LL13-90H	25x25	150	26	4	13	90-140	ZTGD0404-MG		
QFGD2525LL 22-90H	25x25	150	26	4	22	90-140	ZTGD0404-MG		
QFGD2525LL13-130H	25x25	150	26	4	13	130-230	ZTGD0404-MG		
QFGD2525LL22-130H	25x25	150	26	4	22	130-230	ZTGD0404-MG		
QFHD2525LL13-58H	25x25	150	26	5	13	58-96	ZTHD0504-MG		
QFHD2525LL 22-58H	25x25	150	26	5	22	58-96	ZTHD0504-MG		
QFHD2525LL 13-86H	25x25	150	26	5	13	86-140	ZTHD0504-MG		
QFHD2525LL 22-86H	25x25	150	26	5	22	86-140	ZTHD0504-MG		
QFHD2525LL13-130H	25x25	150	26	5	13	130-200	ZTHD0504-MG		
QFHD2525LL22-130H	25x25	150	26	5	22	130-200	ZTHD0504-MG		
QFHD2525LL13-185H	25x25	150	26	5	13	185-400	ZTHD0504-MG		
QFHD2525LL22-185H	25x25	150	26	5	22	185-400	ZTHD0504-MG		
QFHS2525LL30-185H	25x25	150	26	5	30	185-400	ZTHS0504-MG		
QFKD2525LL 13-60H	25x25	150	26	6	13	60-100	ZTKD0608-MG		
QFKD2525LL22-60H	25x25	150	26	6	22	60-100	ZTKD0608-MG		
QFKD2525LL13-88H	25x25	150	26	6	13	88-180	ZTKD0608-MG		
QFKD2525LL 22-88H	25x25	150	26	6	22	88-180	ZTKD0608-MG		
QFKD2525LL 13-160H	25x25	150	26	6	13	160-400	ZTKD0608-MG		
QFKD2525LL 22-160H	25x25	150	26	6	22	160-400	ZTKD0608-MG		
QFKS2525LL 30-160H	25x25	150	26	6	30	160-400	ZTKS0608-MG		

车削刀具 | TURNING TOOLS

Parting and grooving toolholders 切断切槽刀

ZQ

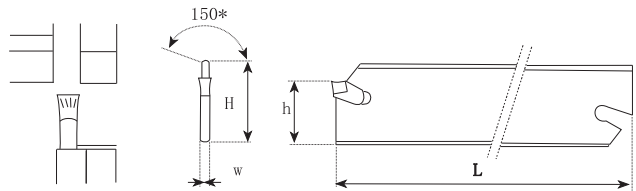


Type 型号		Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Screw 螺钉	Wrench 扳手
		Stock 库存	h	b	L	S	B	a _{max}			
ZQ	1616R03		16	16	100	16.4	3	16	ZQMX3N11-IE	M5x17	S4
	1616R04		16	16	100	16.4	4	18	ZQMX4N11-IE		
	2020R03		20	20	125	20.4	3	20	ZQMX3N11-IE	M6x20	S5
	2020R04		20	20	125	20.4	4	20	ZQMX4N11-IE		
	2525R03		25	25	150	25.4	3	20	ZQMX3N11-IE		
	2525R04		25	25	150	25.4	4	20	ZQMX4N11-IE		
	2525R05		25	25	150	25.4	5	25	ZQMX5N11-IE		
	2525R06		25	25	150	25.7	6	32	ZQMX6N11-IE		
	3225R03		32	25	170	25.4	3	25	ZQMX3N11-IE	M6x22	S5
	3225R04		32	25	170	25.4	4	25	ZQMX4N11-IE		
	3225R05		32	25	170	25.4	5	25	ZQMX5N11-IE		
	3225R06		32	25	170	25.7	6	32	ZQMX6N11-IE		
ZQ	1616L03		16	16	100	16.4	3	16	ZQMX3N11-IE	M5x17	S4
	1616L04		16	16	100	16.4	4	16	ZQMX4N11-IE		
	2020L03		20	20	125	20.4	3	20	ZQMX3N11-IE	M6x20	S5
	2020L04		20	20	125	20.4	4	20	ZQMX4N11-IE		
	2525L03		25	25	150	25.4	3	20	ZQMX3N11-IE		
	2525L04		25	25	150	25.4	4	20	ZQMX4N11-IE		
	2525L05		25	25	150	25.4	5	25	ZQMX5N11-IE		
	2525L06		25	25	150	25.7	6	32	ZQMX6N11-IE		
	3225L03		32	25	170	25.4	3	25	ZQMX3N11-IE	M6x22	S5
	3225L04		32	25	170	25.4	4	25	ZQMX4N11-IE		
	3225L05		32	25	170	25.4	5	25	ZQMX5N11-IE		
	3225L06		32	25	170	25.7	6	32	ZQMX6N11-IE		

车削刀具 | TURNING TOOLS

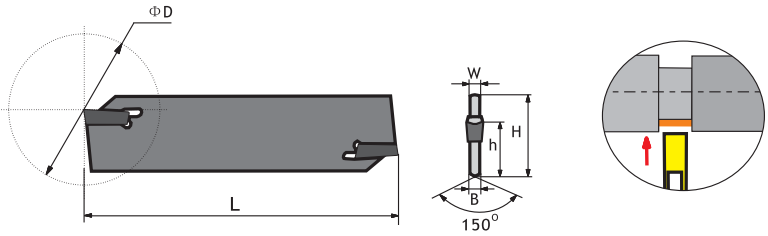
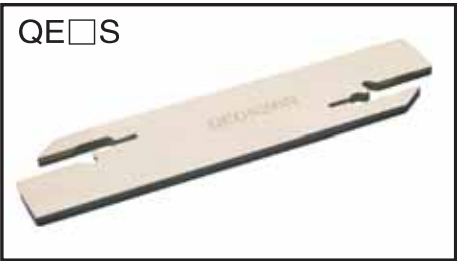
切断切槽刀 Parting and grooving toolholders

外圆切断的刀板 External Parting Blade



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

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



Type 型号	Dimension(mm) 基本尺寸							Applicable Inserts 使用的刀片	Wrench 配套扳手	
	Stock 库存		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

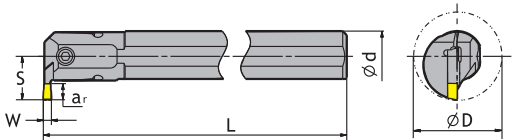
QE□S系列刀板需要配套SANT圣达公司QZS系列刀座 QE□S parting blade is matching with QZS parting blade holder from SANT.

车削刀具 | TURNING TOOLS

Parting and grooving toolholders 切断切槽刀

内圆切槽及车削刀具

Internal Grooving and Turning Tools



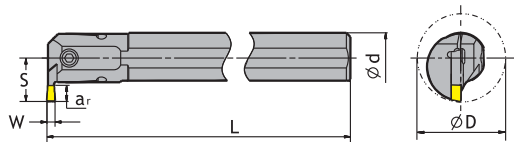
Type 型号	基本尺寸 Dimension(mm)						适用刀片 Applicable inserts	螺钉 Screw	扳 手 Wrench
	∅d	L	S	W	最大切深 a _r max	∅D (最小加工直径)			
C20Q-QEDR/L 05-27	20	180	15.2	2.5	5	27	ZTED*****	M4 × 14	S3
C25R-QEDR/L 07-33	25	200	20.3	2.5	7	33		ZRED*****	M5 × 17
C32S-QEDR/L 09-42	32	250	25.3	2.5	9	42	ZTFD*****		M4 × 14
C20Q-QFDR/L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

车削刀具 | TURNING TOOLS

切断切槽刀 Parting and grooving toolholders

内圆切槽及车削刀具

Internal Grooving and Turning Tools

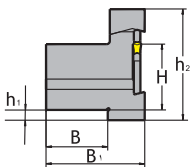
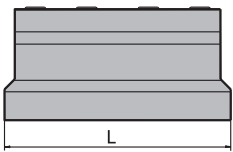


Type 型号		基本尺寸 Dimension(mm)					刀片 Inserts	螺钉 Screw	扳手 Wrench
		Ød	L	S	W	最大切深 a _r max			
MGIVR/L	2016-1.5	16	180	11.3	1.5	3	MGMN150-M	M4 × 14	S3
	2520-1.5	20	180	13.1	1.5	4	MGMN150-M	M5 × 17	S4
	2925-1.5	25	200	16.2	1.5	4	MGMN150-M	M5 × 17	S4
	2016-2	16	125	12.4	2	3	MGMN200-M	M4 × 14	S3
	2520-2	20	125	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。(配套韩国克洛伊刀片) Note:The insert is Korloy brand.
Parting, grooving, turning, profiling inserts are adaptable to the tools.

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	h ₁	h ₂	B	B ₁			
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



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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	对应 老型号	Feature 特征	Category 类别	Shape 形状	对应 老型号	Feature 特征
面 铣 刀	Kr:75° EF03  见126页		压板式固定, 装卸简单 高硬度合金刀垫, 抗冲击强 参考: SPKN 1504 (Zccct) SPKN 1203 (Zccct)	面 铣 刀	Kr:75° EF04  见127页	FME02	通用性强刀片槽型多, 适用广 参考: SPK□ 1204 (Zccct)
	Kr:75° EF06  见128页		重切削切深大, 大幅提高了单位时间内切削排出量 参考: SPMT 1806 EDER (京瓷)		Kr:75° EF07  见129页		8刃负角刀片, 经济性能好切削阻力小, 轻快 参考: SNMX 1205XTN (特固克)
	Kr:90° PF01  见130页		结构简单, 装卸刀片快捷, 经济适用性好 参考: TPKN 2204 (Zccct)		Kr:90° PF02  见131-133页	FMP02	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  见134-135页	FMP03	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  见136页		疏, 密, 超密齿设计, 获得良好的工件表面质量, 适用于精, 半精和粗加工 参考: R290-12T308 (山特)
	Kr:90° PF05  见137页		6刃负角刀片, 经济性能好切削阻力小, 轻快 参考: TNGX 2207PNTN (特固克)		Kr:90° PF06  见138页	FMP04	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  见139页		4刃角刀片, 经济性好切刃锋利, 阻力小轴向抗力小 参考: XDMT 120408PDER (住友)		Kr:90° PF08  见140页		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 PNSR (住友)
	Kr:90° PF09  见141页		6刃负角刀片, 经济性能好刃口抗冲击强大前角设计, 切削锋利 参考: XNEX 0806 (山高)		Kr:90° PF10  见142页		低阻力的良好切削效果, 大前角确保低阻力, 抗振刀能力强, 厚规格设计抗崩损性卓越 参考: WNUM080608 (京瓷)
	Kr:R RF01  见143-144页	FMR01 (刀杆) FMR02 (刀盘)	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  见145-146页	FMR03 (刀杆) FMR04 (刀盘)	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  见147页	FMR04	大前角设计, 切削阻力小, 锋利, 经济性好刀片装卸简单 参考: RPMT/W 1204 (三菱) RPMT1606 (三菱)		Kr:R RF04  见148页		仿振刃形设计螺钉压紧, 简单稳定 参考: QPMT 1204MO (住友)

铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

Category 类别	Shape 形状	对应 老型号	Feature 特征	Category 类别	Shape 形状	对应 老型号	Feature 特征
方肩台阶铣刀	Kr:90° PE01  见149页	EMP01	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  见150页	EMP02	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  见151页	EMP04	正螺旋，排屑好密齿型结构。加工效率高 参考： APKT 11T3□□ (Zccct)		Kr:90° PE02  见152页	EMP03	正螺旋，排屑好密齿型 参考： APKT 11T3□□ (Zccct)
	Kr:90° PE03  见153页	EMP05	底刃过中心，可直接钻孔加工 参考： APMT 113504PDER (Zccct) APMT 160408PDER (Zccct)		Kr:90° PE04  见154页	EMP08	刃口抗冲击力强，切削阻力小，耐用性高 参考： LD□□ 1504 (森拉天时)
	Kr:90° PE05  见155页		带修光刃，三维螺旋刃，切削阻力小，抗冲击能力强 参考： APKT 1705PER (特固克)		Kr:90° PE05  见156页	EMP09	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  见157页		独自の曲线状切刃，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  见158页		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  见159页		底刃过中心，可直接钻孔加工 参考： APMT 1035PDER (住友) APMT 1605PDER (住友)		Kr:90° PE08  见160页		三维曲线状切刃，提高刀尖强度，切削阻力低，良好的90°，适用于精加工 参考： ADMT 080304R (瓦尔特) ADMT 120408R (瓦尔特) ADMT 160608R (瓦尔特)
	Kr:90° PE08  见161页		三维曲线状切刃，提高刀尖强度，切削阻力低，良好的90°，适用于精加工 参考： ADMT 080304R (瓦尔特) ADMT 120408R (瓦尔特) ADMT 160608R (瓦尔特)		Kr:90° PE09  见162页		三维曲线状切刃，切削阻力低，良好的90°，适用于精加工 参考： R390-11T3□□ (山特) R390-1704□□ (山特)
	Kr:90° PE09  见163页		三维曲线状切刃，切削阻力低，良好的90°，适用于精加工 参考： R390-11T3□□ (山特) R390-1704□□ (山特)		Kr:90° PE10  见164页		直角度好 低切削力 参考： BDMT1103□□ (京瓷) BDMT1704□□ (京瓷)
大进给铣刀	Kr:x EXN  见199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  见200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

铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

Category 类别	Shape 形状	对应 老型号		Category 类别	Shape 形状	对应 老型号	Feature 特征
方肩 台阶铣刀	Kr:90° PE10  见165页		直角度好 低切削力 参考: BDMT 11T3□□ER (京瓷) BDMT 1704□□ER (京瓷)	方肩 台阶铣刀	Kr:90° PE11  见166页		直角度好, 大前角设计, 低切削力适用于精加工 参考: APKT 100304PDER (伊斯卡)
					Kr:90° PE12  见167页		4刃负角刀片, 经济性好, 抗冲击强 参考: LN□X151008PNR (克洛伊)

Category 类别	Shape 形状	对应 老型号	Feature 特征	Category 类别	Shape 形状	对应 老型号	Feature 特征
仿形 铣刀	Kr:R RB01  见168页	BMR01	适合大型模具的粗加工, 圆弧刃采用三面刃, 经济性好 参考: ZDET 08T2 (Zccct) ZDET 1103 (Zccct) ZDET 13T3 (Zccct) ZPNT 2204 (Zccct)	仿形 铣刀	Kr:R RB02  见169页	BMR03	适合模具的粗加工, 采用三维复杂的槽型, 圆弧精度高, 抗振性好 参考: XPHT 16/20/25/30/32R803 (Zccct)
	Kr:R RB02  见170页	BMR03	适合模具的粗加工, 采用三维复杂的槽型, 圆弧精度高, 抗振性好 参考: XPHT 16/20/25/30/32R803 (Zccct)		Kr:R RB02  见171页	BMR03	适合模具的粗加工, 采用三维复杂的槽型, 圆弧精度高, 抗振性好 参考: XPHT 16/20/25/30/32R803 (Zccct)
	Kr:R RB03  见172-173页	BMR04	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  见174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	对应 老型号	Feature 特征	Category 类别	Shape 形状	对应 老型号	Feature 特征
三面刃 铣刀	Kr:R PT01  见175页	TMP01	抗冲击力强, 切削阻力小 参考: MPHT 060304-DM (Zccct) MPHT 080305-DM (Zccct) MPHT 120408-DM (Zccct)	三面刃 铣刀	Kr:R PT01  见176页	SMP03	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  见177页	SMP03	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  见178-179页	SMP01	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  见180-181页	SMP01	切削锋利, 浅槽加工, 4刃, 经济性好 参考: XSEQ 1202/1203 (Zccct) /12T3/1204/12T4 (Zccct)				

铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

Category 类别	Shape 形状	对应 老型号	Feature 特征	Category 类别	Shape 形状	对应 老型号	Feature 特征
倒角铣刀	Kr:45° AC01  见182页	CMA01	小平面倒角, 孔倒角, 铣削倒角 参考: SPMT 120408 (Zccct)	倒角铣刀	Kr:60° DC01  见183页	CMD01	小平面倒角, 孔倒角, 铣削倒角 参考: SPMT 120408 (Zccct)
	Kr:30° ZC01  见184页	CMZ01	小平面倒角, 孔倒角, 铣削倒角 参考: SPMT 120408 (Zccct)	模具铣刀 铣刀盘 杆	 见194-198页		市场通用产品, 性价比 高。

Category 类别	Shape 形状	对应 老型号	Feature 特征	Category 类别	Shape 形状	对应 老型号	Feature 特征
大进给铣刀	Kr:x XK01  见185页	XMR01	有效分解径向切削力, 大进给切削, 用于插铣 加工, 双重压紧, 牢固 可靠 参考: SDMT 09T3 (Zccct) SDMT 1204 (Zccct)	大进给铣刀	Kr:x XK01  见186页	XMR01	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  见187-188页	XMR01	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  见189页	XMR01	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  见190页		6刃负角刀片, 经济性 能好 参考: WNMX 09T316NN-MM (克洛伊)		Kr:x XK03  见191页		6刃负角刀片, 经济性 能好 参考: WNMX 09T316NN-MM (克洛伊)

Category 类别	Shape 形状	对应 老型号	Feature 特征	Category 类别	Shape 形状	对应 老型号	Feature 特征
螺旋立铣刀	Kr:90° PH01  见192页	HMP01	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  见193页	HMP01	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)

Category 类别	Shape 形状	Feature 特征	Category 类别	Shape 形状	Feature 特征
浅孔钻	UD25/UD35  见213-214页	高抗扭能力, 更高的进 给, 效率更高, 排屑顺 畅, 良好的安装角度, 切 削过程中震动小, 钻孔精 度和表面质量更优。	浅孔钻	UD20  见205-206页	高抗扭能力, 更高的进 给, 效率更高, 排屑顺 畅, 良好的安装角度, 切 削过程中震动小, 钻孔精 度和表面质量更优。
	UD30  见207-208页	高抗扭能力, 更高的进 给, 效率更高, 排屑顺 畅, 良好的安装角度, 切 削过程中震动小, 钻孔精 度和表面质量更优。 参考: SPGT 050204/060204/07T308 /090408/110408/140512		UD40/UD50  见209-212页	高抗扭能力, 更高的进 给, 效率更高, 排屑顺 畅, 良好的安装角度, 切 削过程中震动小, 钻孔精 度和表面质量更优。 参考: SPGT 050204/060204/07T308 /090408/110408/140512

铣削刀具 | MILLING TOOLS

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 Key

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

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

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

类别编号

Number Of Type

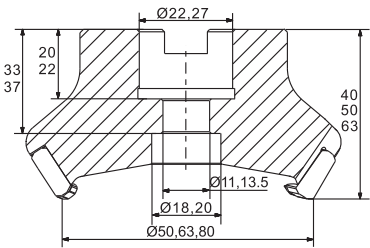
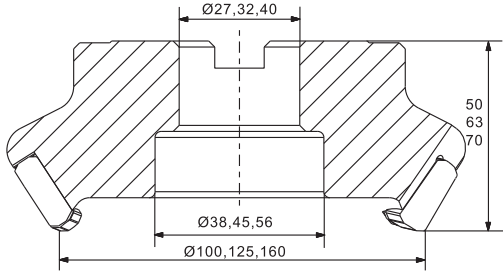
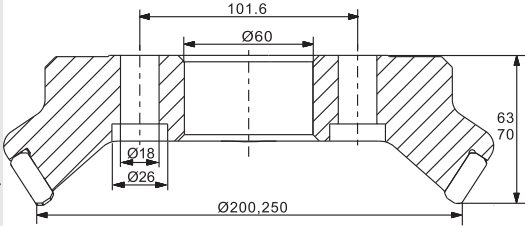
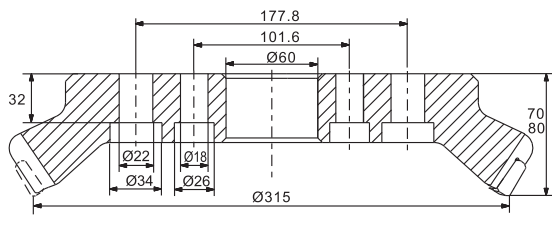
A

F

01

12

套式结构 Shell Structure

A 型 接 口 A Type Of Adapter		B 型 接 口 B Type Of Adapter	
	GB5342-96规定的Ø50-Ø80 套式面铣刀 GB5342-96 of Ø50-Ø80 shell Facmilling Cutter		GB5342-96规定的Ø100-Ø160 套式面铣刀 GB5342-96 of Ø100-Ø160 shell Facmilling Cutter
C 型 接 口 C Type Of Adapter		D 型 接 口 D Type Of Adapter	
	GB5342-96规定的Ø200-Ø250 套式面铣刀		GB5342-96规定的Ø315及以上的 套式面铣刀

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

铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

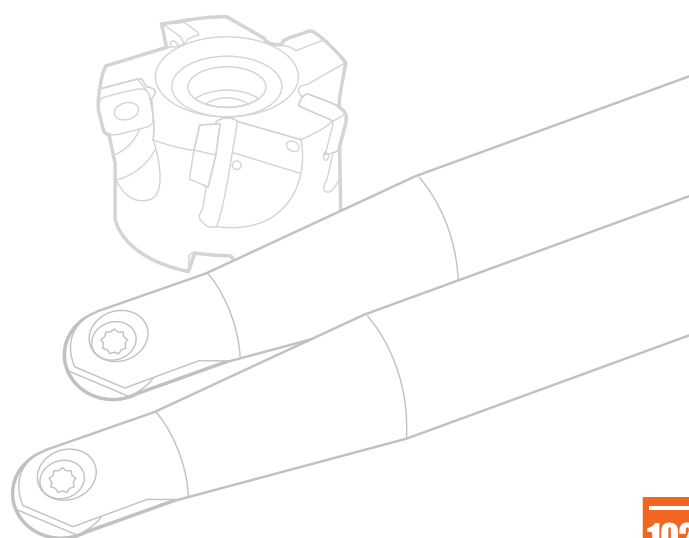
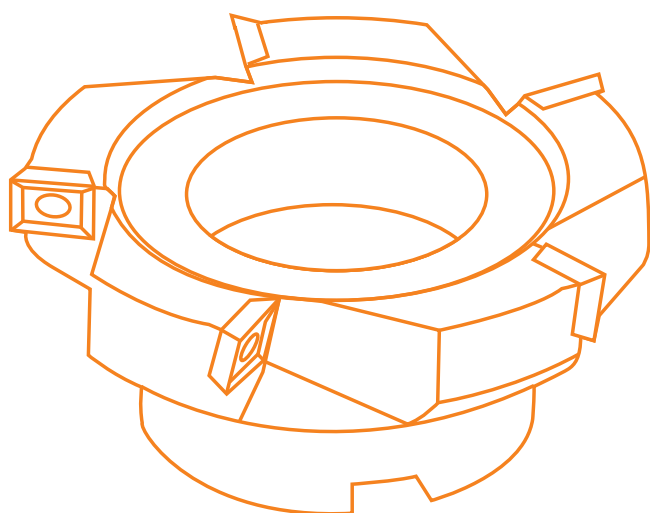
刀具安装部位结构(如下图) Tool Installation Position			
A	A型接口 A type of adapter	W	侧固式 Side-locked
B	B型接口 B type of adapter	T	可换头 Replaceable Head
C	C型接口 C type of adapter	MT	莫氏 Morse
D	D型接口 D type of adapter	BT	锥式 Taper
Z	直杆 Straight shank	J	键槽式 Spline

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

A22 . 050 . 04 . R

刀具加工部分直径 ØD
Diameter

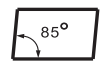
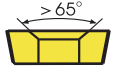
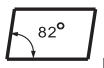
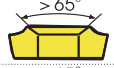
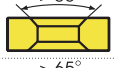
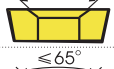
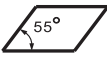
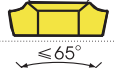
齿数(螺旋立铣刀为槽数)
Tooth



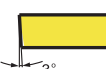
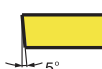
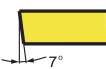
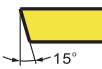
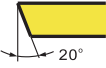
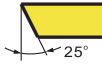
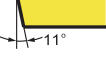
铣削刀具 | MILLING TOOLS

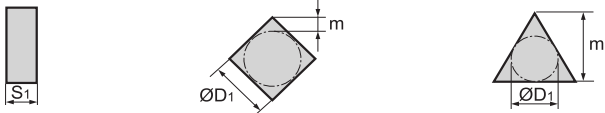
可转位铣削刀具 Indexable milling tools

★ 可转位铣削刀片命名规则 Milling Insert Code Key

刀片形状 / 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
 85° A				N	无	无	
 82° B				R	无	单面	
 80° C				F	无	双面	
 55° D				A	有	无	
 75° E				M	有	单面	
 55° K				G	有	双面	
 L				X	---	---	特殊
 86° M							
 O							
 P							
 R							
 S							
 T							
 35° V							
 80° W							
其他 Z							
形状代号			断屑槽及夹固形式				

S P K N

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

公差										
				(参考) M级精度详细情况 (按形状、大小分)						
				● 刀尖高度公差 (mm)						
代号	刀尖高度m公差(mm)	内接圆ØD1公差(mm)	厚度S1公差(mm)	内接圆	正三角形	正方形	80°菱形	55°菱形	35°菱形	圆形
A	±0.005	±0.025	±0.025	6.35	±0.08	±0.08	±0.08	±0.11	±0.16	---
F	±0.005	±0.013	±0.025	9.525	±0.08	±0.08	±0.08	±0.11	±0.16	---
C	±0.013	±0.025	±0.025	12.7	±0.13	±0.13	±0.13	±0.15	---	---
H	±0.013	±0.013	±0.025	15.875	±0.15	±0.15	±0.15	±0.18	---	---
E	±0.025	±0.025	±0.025	19.05	±0.15	±0.15	±0.15	±0.18	---	---
G	±0.025	±0.025	±0.13	25.4	---	±0.18	---	---	---	---
				● 内接圆ØD1公差(mm)						
J	±0.005	±0.05±0.13	±0.025	内接圆	正三角形	正方形	80°菱形	55°菱形	35°菱形	圆形
K	±0.013	±0.05±0.13	±0.025	6.35	±0.05	±0.05	±0.05	±0.05	±0.05	---
L	±0.025	±0.05±0.13	±0.025	9.525	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05
M	±0.08±0.18	±0.05±0.13	±0.13	12.7	±0.08	±0.08	±0.08	±0.08	---	±0.08
N	±0.08±0.18	±0.05±0.13	±0.025	15.875	±0.10	±0.10	±0.10	±0.10	---	±0.10
U	±0.13±0.38	±0.08±0.25	±0.13	19.05	±0.10	±0.10	±0.10	±0.10	---	±0.10
				25.4	---	±0.13	---	---	---	±0.13

铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

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

  厚度指刀片底面与切削刃最高部分之间的高度	
代号	刀片厚度(mm)
00	0.79
T0	0.99
01	1.59
T1	1.98
02	2.38
T2	2.58
03	3.18
T3	3.97
04	4.76
T4	4.96
05	5.96
T5	5.95
06	6.35
T6	6.75
07	7.94
09	9.52
T9	9.72
11	11.11
12	12.70

12 04 ED T21 R-DM

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

切削刀倒棱(mm)			
			
	0-5°	0-0.10	
			
	1-10°	1-0.15	
	2-15°	2-0.20	
			
	3-20°	3-0.25	
	4-25°	4-0.30	
	5-30°	5-0.35	
			
		6-0.40	
		7-0.45	

断屑槽型代号

切削方向	
R	右
L	左
N	双向

铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

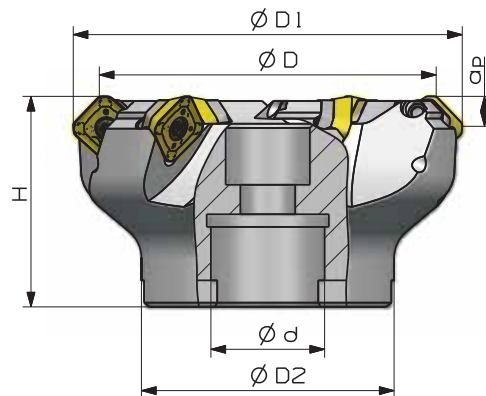
面铣刀具 Kr:45°



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			
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

铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

面铣刀具

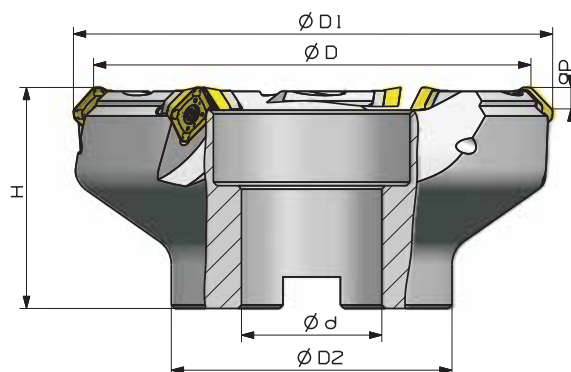
Kr:45°



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			
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

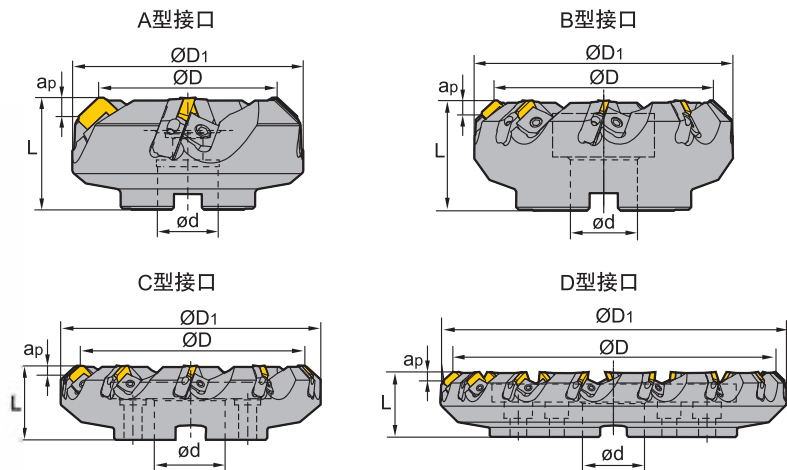
可转位铣削刀具 Indexable milling tools

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

铣削刀具 | MILLING TOOLS

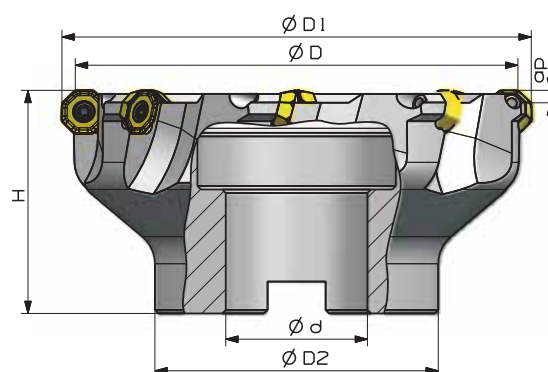
Indexable milling tools 可转位铣削刀具

面铣刀具

Kr:45°



AF04



★ 刀具附件 Spare parts

刀片 Insert 	刀片螺钉 Insert Screw 	扳手 Wrench 
OFKT05T3	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

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

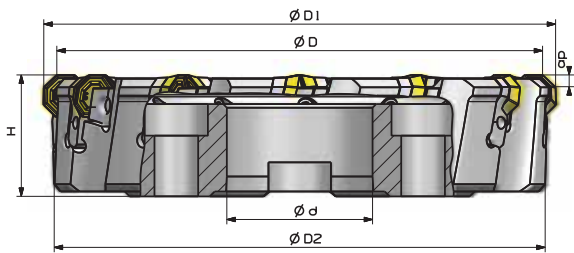
铣削刀具 | MILLING TOOLS

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

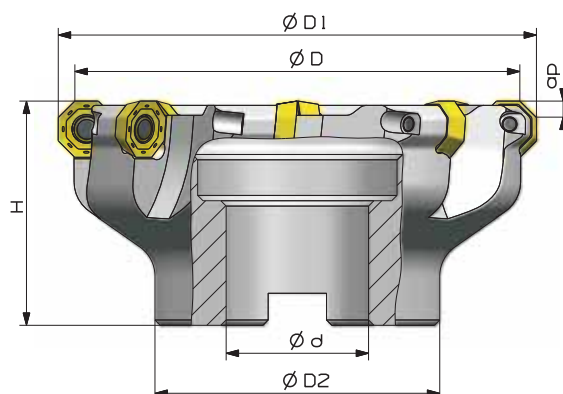
Indexable milling tools 可转位铣削刀具

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)
	ØD ₂	ØD ₁	ØD	Ød	H	ap			
AF05.06A22.050.04	40	60	50	22	40	10	A	4	0.3
AF05.06A22.063.05	50	73	63	22	40	10	A	5	0.5
AF05.06A27.080.06	60	90	80	27	50	10	A	6	0.8
AF05.06B32.100.07	70	110	100	100	50	10	B	7	1.5
AF05.06B40.125.08	80	135	125	125	63	10	B	8	2.5
AF05.06C40.160.09	100	170	160	160	63	10	C	9	4

铣削刀具 | MILLING TOOLS

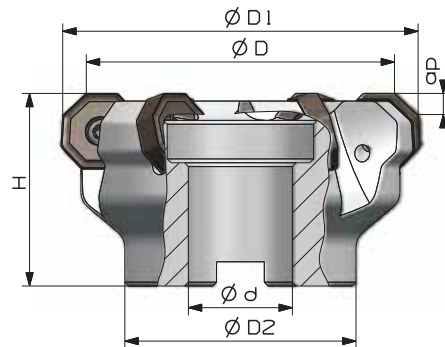
可转位铣削刀具 Indexable milling tools

面铣刀具

Kr:45°



AF06



★ 刀具附件 Spare parts

刀片 Insert	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)
		ØD ₂	ØD ₁	ØD	Ød	H	ap			
ON06	AF06.06A22.050.05	40	62	50	22	45	4	A	5	0.3
	AF06.06A22.063.06	50	75	63	22	45	4	A	6	0.5
	AF06.06B27.080.07	60	92	80	27	50	4	B	7	1.2
	AF06.06B32.100.08	70	112	100	32	63	4	B	8	1.2
	AF06.06B40.125.09	80	137	125	40	63	4	B	9	2.6
	AF06.06C40.160.11	100	172	160	40	63	4	C	11	4.3
	AF06.06C60.200.13	160	212	200	60	63	4	C	13	7.6
	AF06.06C60.250.15	200	262	250	60	63	4	C	15	13.5
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

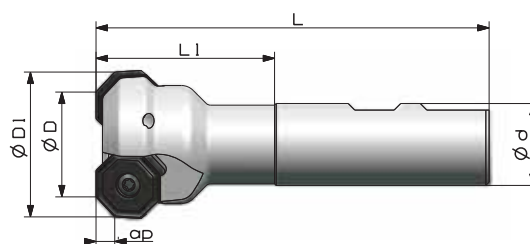
Indexable milling tools 可转位铣削刀具

面铣刀具

Kr:45°



AF06



★ 刀具附件 Spare parts

刀片 Insert	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

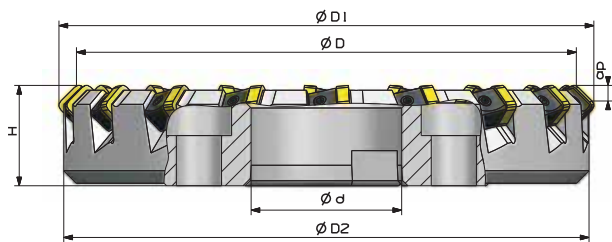
铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

面铣刀具 Kr:45°



AF07



★ 刀具附件 Spare parts

刀片 Insert 	压块 Clamp 	双头螺钉 Double Headed Screw 	扳手 Wrench 
SN□N1204	WST01	进口: DM6*20	S3

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

★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD2	ØD1	ØD	ød	H	ap			
AF07.12C60.200.18	209	215	200	60	40	5	C	18	6.5
AF07.12C60.250.24	259	265	250	60	40	5	C	24	9.2
AF07.12D60.315.30	324	330	315	60	40	5	D	30	12.4
AF07.12D60.355.34	364	370	355	60	40	5	D	34	16.2
AF07.12D60.400.38	409	415	400	60	40	5	D	38	19.2
AF07.12D60.450.44	459	465	450	60	40	5	D	44	23.2

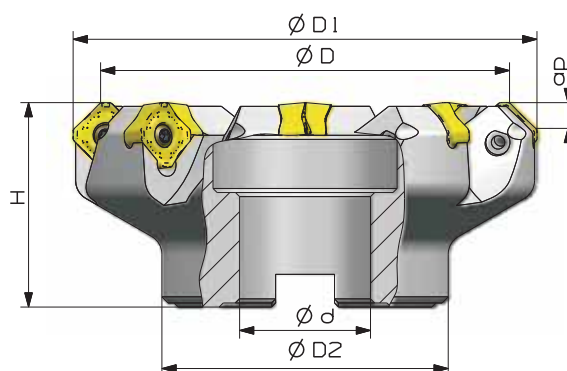
铣削刀具 | MILLING TOOLS

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

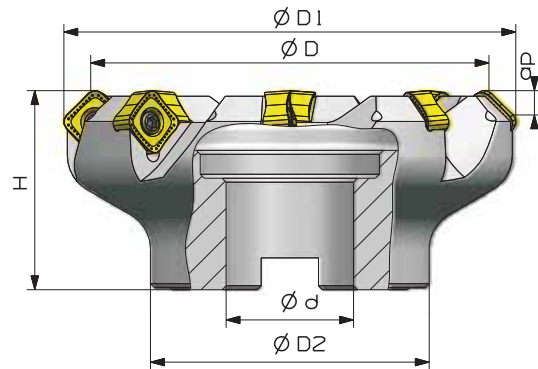
铣削刀具 | MILLING TOOLS

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

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

★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD ₂	ØD ₁	ØD	ød	H	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

铣削刀具 | MILLING TOOLS

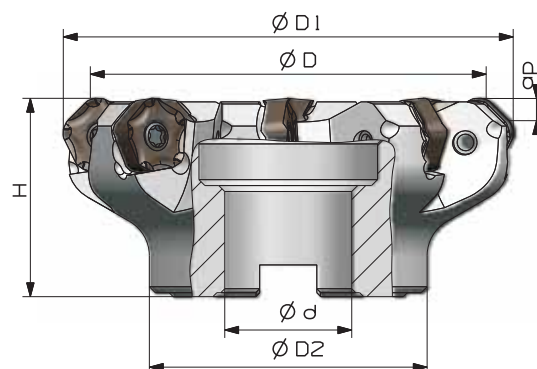
Indexable milling tools 可转位铣削刀具

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

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

★ 刀具规格型号Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD ₂	ØD ₁	ØD	Ød	H	a _p			
AF10.12A22.063.05	50	76	63	22	45	5.5	A	5	0.5
AF10.12B27.080.06	60	93	80	27	50	5.5	B	6	1.0
AF10.12B32.100.08	70	113	100	32	50	5.5	B	8	1.4
AF10.12B40.125.10	80	138	125	40	63	5.5	B	10	2.5
AF10.12C40.160.12	100	173	160	40	63	5.5	C	12	3.8
AF10.12C60.200.14	150	213	200	60	63	5.5	C	14	6.5
AF10.12C60.250.16	180	263	250	60	63	5.5	C	16	9.1

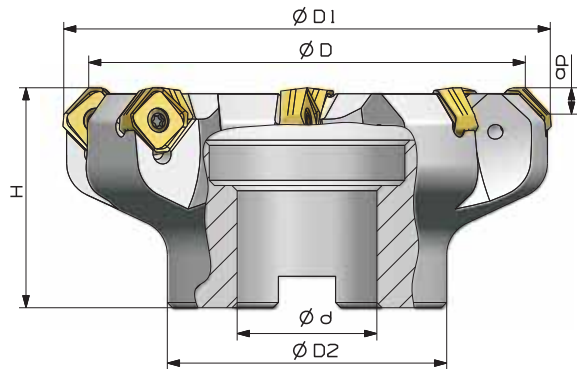
铣削刀具 | MILLING TOOLS

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
		
SNMU1606	TL60 M5X12	T20T

注明：配套刀片建议参考伊斯卡刀片。Note: The Insert Is Iscar 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			
AF11.16A22.050.04	50	64	50	22	50	7.5	A	4	0.3
AF11.16A22.063.05	50	77	63	22	50	7.5	A	5	0.5
AF11.16A27.080.06	60	94	80	27	50	7.5	A	6	1.0
AF11.16B32.100.07	70	114	100	32	50	7.5	B	7	1.4
AF11.16B40.125.08	80	139	125	40	63	7.5	B	8	2.5
AF11.16C40.160.10	100	174	160	40	63	7.5	C	10	3.8
AF11.16C60.200.14	150	214	200	60	63	7.5	C	14	6.5
AF11.16C60.250.16	180	264	250	60	63	7.5	C	16	9.1

铣削刀具 | MILLING TOOLS

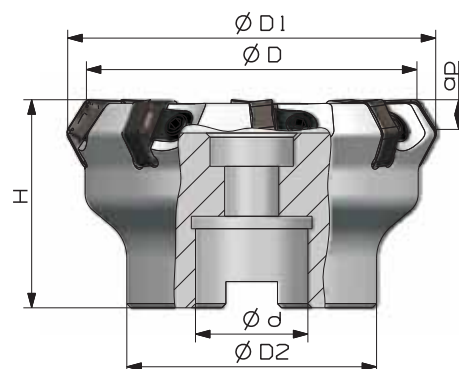
Indexable milling tools 可转位铣削刀具

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	a _p			
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

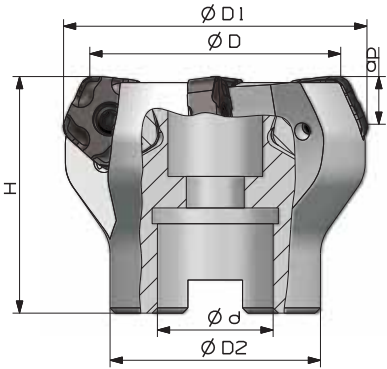
铣削刀具 | MILLING TOOLS

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 	刀片螺钉 Insert Screw 	扳手 Wrench 
PNEG110512R	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

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

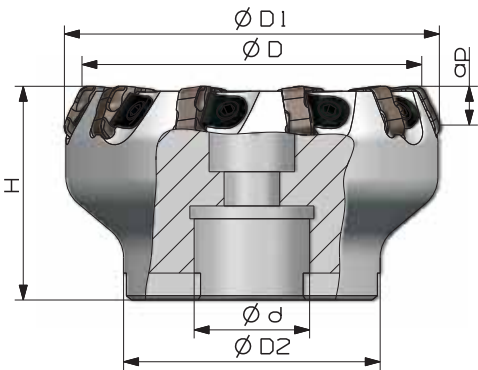
铣削刀具 | MILLING TOOLS

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	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.

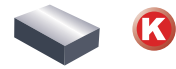
★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension						Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
		ØD ₂	ØD ₁	ØD	Ød	H	ap			
密齿型	DF01.11A27.080.10	60	90.1	80	27	50	5	A	10	1.3
	DF01.11B32.100.14	70	110.1	100	32	50	5	B	14	1.6
	DF01.11B40.125.18	80	135.1	125	40	63	5	B	18	3.2
	DF01.11B40.160.22	100	170.1	160	40	63	5	B	22	5.8

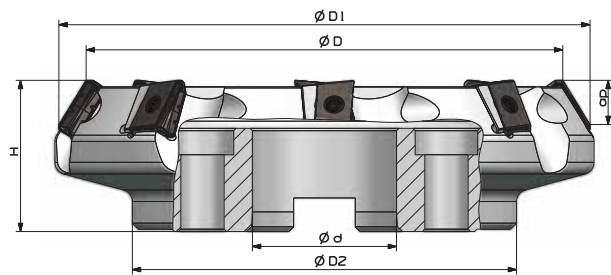
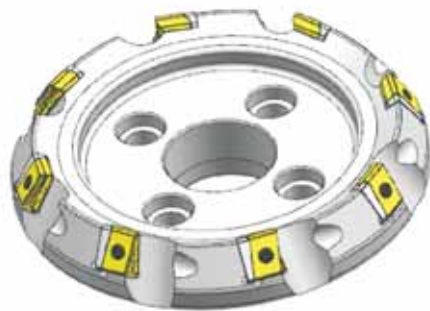
铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

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)
	ØD ₂	ØD ₁	ØD	ød	H	ap			
DF02.25B40.125.05	80	154	125	40	63	17	B	5	4.5
DF02.25C40.160.06	100	189	160	40	63	17	C	6	6.9
DF02.25C60.200.08	150	229	200	60	63	17	C	8	10.5
DF02.25C60.250.10	160	278	250	60	63	17	C	10	16.7
DF02.25D60.315.12	270	346	315	60	63	17	D	12	27.3

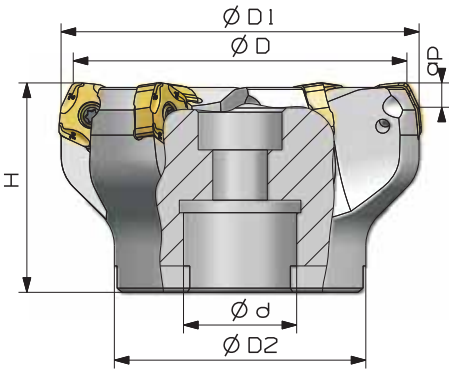
铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

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)
	ØD ₂	ØD ₁	ØD	Ød	H	a _p			
DF03.15A22.050.04	40	57	50	22	40	6	A	4	0.5
DF03.15A22.063.05	50	70	63	22	40	6	A	5	0.7
DF03.15A27.080.06	60	87	80	27	50	6	A	6	1.1
DF03.15B32.100.07	70	107	100	32	50	6	B	7	1.8
DF03.15B40.125.08	80	132	125	40	63	6	B	8	3.4
DF03.15B40.160.10	100	167	160	40	63	6	B	10	5.2
DF03.15C60.200.12	150	207	200	60	63	6	C	12	7.8

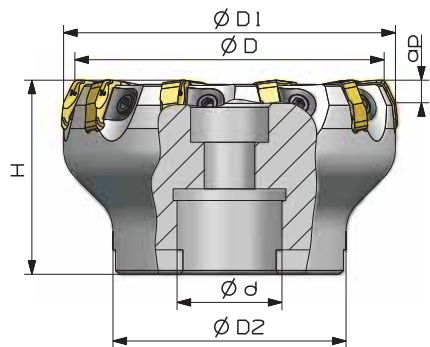
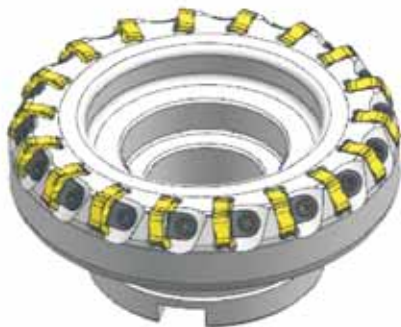
铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

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.

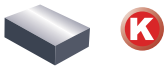
★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD ₂	ØD ₁	ØD	ød	H	a _p			
DF03.15A27.080.10	60	87	80	27	50	6	A	10	1.4
DF03.15B32.100.14	70	107	100	32	50	6	B	14	2.0
DF03.15B40.125.18	80	132	125	40	63	6	B	18	3.8
DF03.15B40.160.22	100	167	160	40	63	6	B	22	5.7
DF03.15C60.200.28	150	207	200	60	63	6	C	28	10.2
DF03.15C60.250.36	180	257	250	60	63	6	C	36	15.2

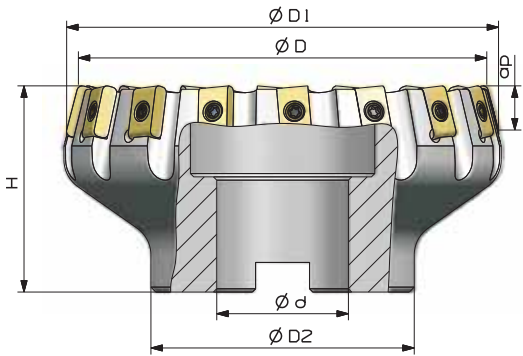
铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

面铣刀具 Kr:75°



EF01



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
		
LNE32.534	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

Type 型号	基本尺寸(mm) Dimension						Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD ₂	ØD ₁	ØD	Ød	H	a _p			
EF01.15B40.125.16	80	132	125	40	63	8	B	16	3.5
EF01.15B40.160.20	100	168	160	40	63	8	B	20	6.1
EF01.15C60.200.25	150	208	200	60	63	8	C	25	7.4
EF01.15C60.250.32	200	257	250	60	63	8	C	32	13.1
EF01.15D60.315.40	250	323	315	60	63	8	D	40	25.5

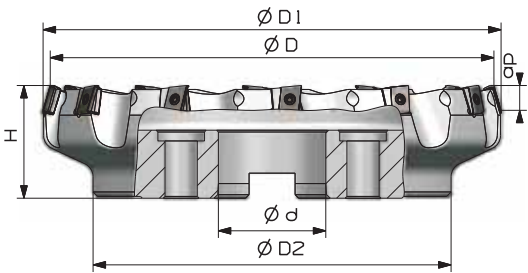
铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

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)
	ØD ₂	ØD ₁	ØD	ød	H	a _p			
EF02.15B40.125.06	80	137	125	40	63	8	B	6	3.8
EF02.15B40.160.08	100	170	160	40	63	8	B	8	6.6
EF02.15C60.200.10	150	208	200	60	63	8	C	10	9.6
EF02.15C60.250.12	200	257	250	60	63	8	C	12	13.4
EF02.15D60.315.16	250	328	315	60	63	8	D	16	25.2

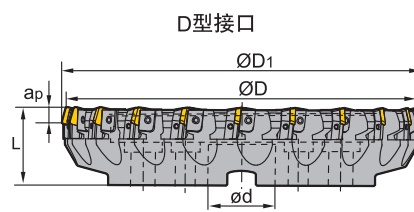
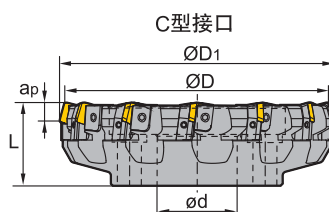
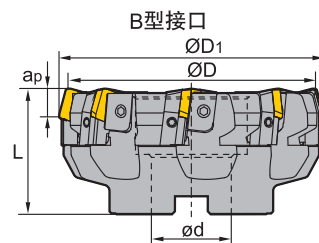
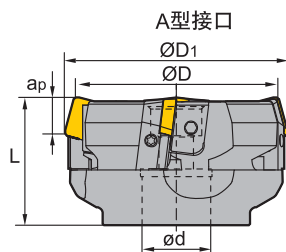
铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

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)
	ØD	ØD ₁	Ød	L	ap			
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

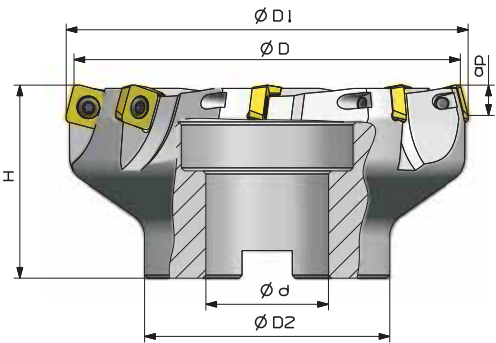
铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

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)
	ØD ₂	ØD ₁	ØD	ød	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

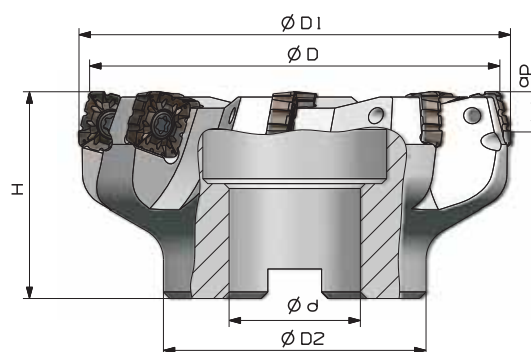
铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

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)
		ØD ₂	ØD ₁	ØD	ød	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

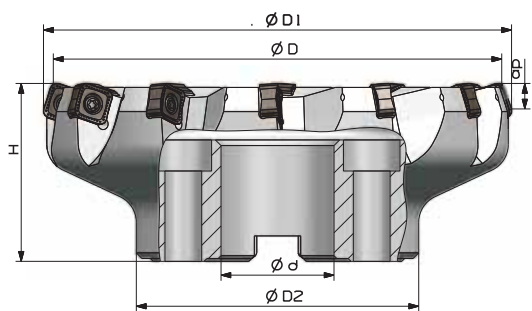
铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

面铣刀具 Kr:75°



EF07



★ 刀具附件 Spare parts

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

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

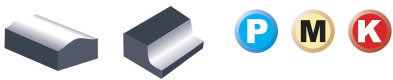
★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension						Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD ₂	ØD ₁	ØD	Ød	H	ap			
EF07.12A22.050.05	40	56	50	22	40	8	A	5	0.3
EF07.12A22.063.06	50	70	63	22	40	8	A	6	0.5
EF07.12A27.080.07	60	87	80	27	50	8	A	7	1.2
EF07.12B32.100.08	70	107	100	32	50	8	B	8	1.7
EF07.12B40.125.10	80	132	125	40	63	8	B	10	2.8
EF07.12C40.160.12	100	166	160	40	63	8	C	12	4.4
EF07.12C60.200.16	150	207	200	60	63	8	C	16	6.1
EF07.12C60.250.20	180	257	250	60	63	8	C	20	10.8

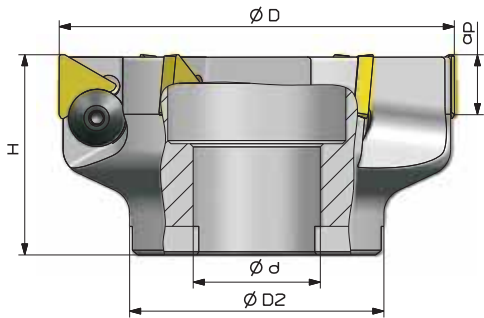
铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

面铣刀具 Kr:90°



PF01



★ 刀具附件 Spare parts

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

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

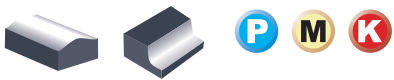
★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD ₂	ØD	ød	H	a _p			
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

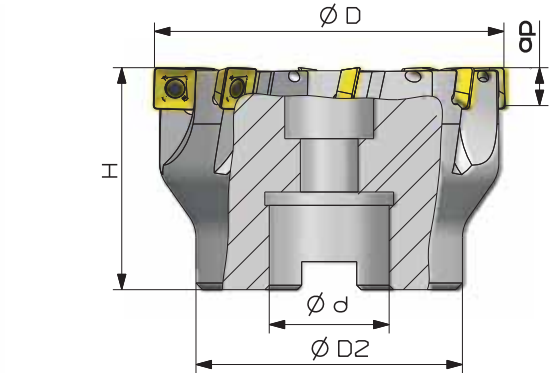
铣削刀具 | MILLING TOOLS

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 Zccct brand.

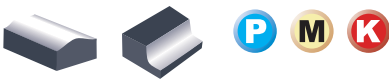
★ 刀具规格型号 Type of Milling Tools

Type 号 型	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD ₂	ØD	Ød	H	a _p			
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

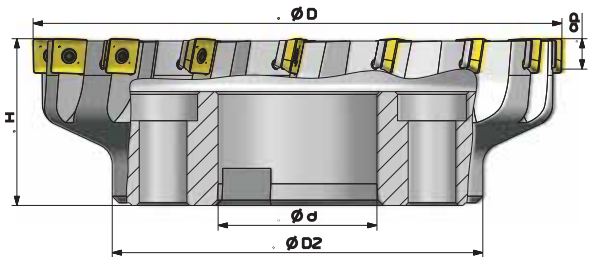
铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

面铣刀具 Kr:90°



PF02



★ 刀具附件 Spare parts

刀片 Insert	刀垫 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 Zccct brand.

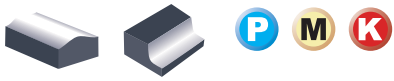
★ 刀具规格型号 Type of milling tools

Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
		ØD ₂	ØD	ød	H	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

铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

面铣刀具 Kr:90°



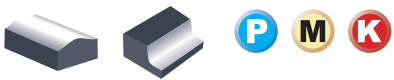
★ 刀具规格型号 Spare parts

Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
		ØD ₂	ØD	Ød	H	a _p			
密齿型	PF02.12A22.050.05	40	50	22	40	10	A	5	0.3
	PF02.12A22.063.06	50	63	22	40	10	A	6	0.65
	PF02.12A27.080.08	60	80	27	50	10	A	8	0.9
	PF02.12B32.100.10	70	100	32	50	10	B	10	1.2
	PF02.12B40.125.12	80	125	40	63	10	B	12	3.1
	PF02.12C40.160.14	100	160	40	63	10	C	14	4.1
	PF02.12C60.200.16	140	200	60	63	10	C	16	6.1
	PF02.12C60.250.18	200	250	60	63	10	C	18	10.9
	PF02.12D60.315.24	250	315	60	63	10	D	24	21.6

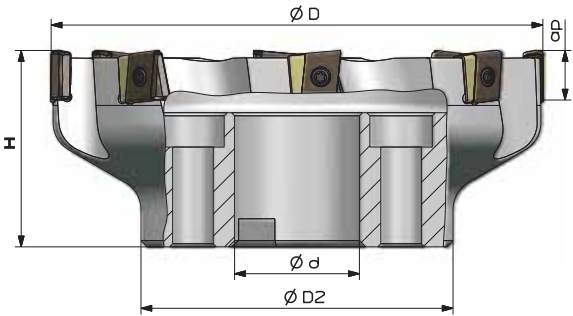
铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

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

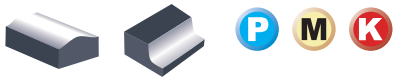
★ 刀具规格型号 Type of milling tools

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

铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

面铣刀具 Kr:90°



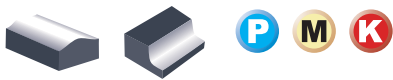
★ 刀具规格型号 Spare parts

Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
		ØD ₂	ØD	Ød	H	a _p			
LN20	PF03.20B40.125.06	80	125	40	63	12	B	6	3.2
	PF03.20C40.160.08	100	160	40	63	12	C	8	5.1
	PF03.20C60.200.10	150	200	60	63	12	C	10	6.5
	PF03.20C60.250.12	200	250	60	63	12	C	12	11.5
	PF03.20D60.315.15	250	315	60	63	12	D	15	19.8
LN25	PF03.25B40.125.05	80	125	40	63	15	B	5	3.2
	PF03.25C40.160.06	100	160	40	63	15	C	6	5.1
	PF03.25C60.200.08	150	200	60	63	15	C	8	6.5
	PF03.25C60.250.10	200	250	60	63	15	C	10	11.5
	PF03.25D60.315.12	250	315	60	63	15	D	12	19.8

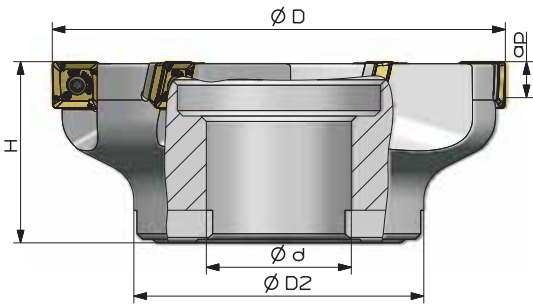
铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

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.

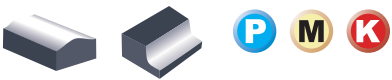
★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD ₂	ØD	Ød	H	a _p			
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

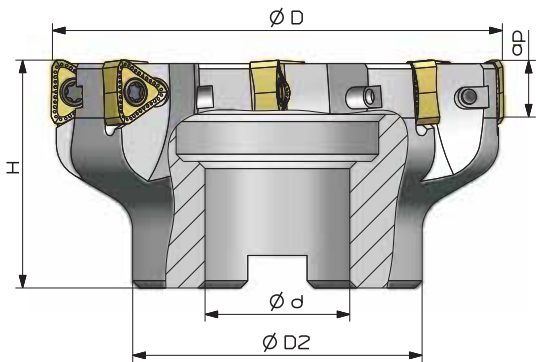
铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

面铣刀具 Kr:90°



PF05



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
		
TNGX2207PNTN	TL60 M5X12	T20T

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

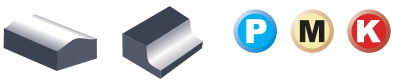
★ 刀具规格型号 Type of Milling Tools

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			
PF05.22A27.080.05	60	80	27	50	14	A	5	0.9
PF05.22B32.100.06	70	100	32	50	14	B	6	1.5
PF05.22B40.125.08	80	125	40	63	14	B	8	2.4
PF05.22C40.160.10	100	160	40	63	14	C	10	4.0
PF05.22C60.200.12	150	200	60	63	14	C	12	5.7
PF05.22C60.250.14	180	250	60	63	14	C	14	10.3

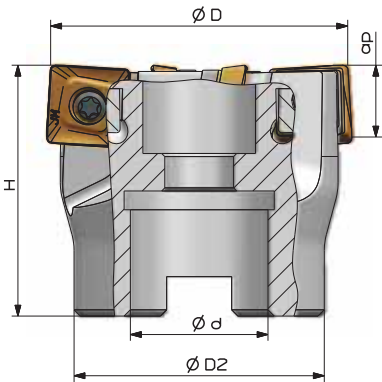
铣削刀具 | MILLING TOOLS

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.

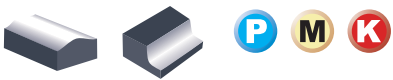
★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD ₂	ØD	ød	H	a _p			
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

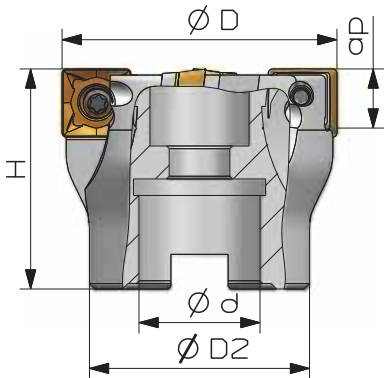
铣削刀具 | MILLING TOOLS

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.

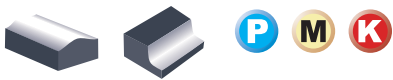
★ 刀具规格型号 Type of Milling Tools

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

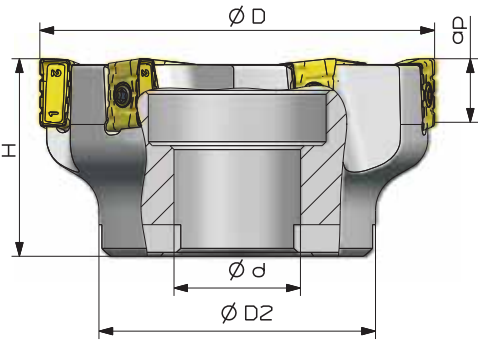
铣削刀具 | MILLING TOOLS

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.

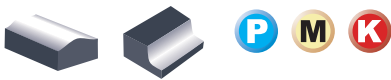
★ 刀具规格型号 Type of milling tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD ₂	ØD	ød	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

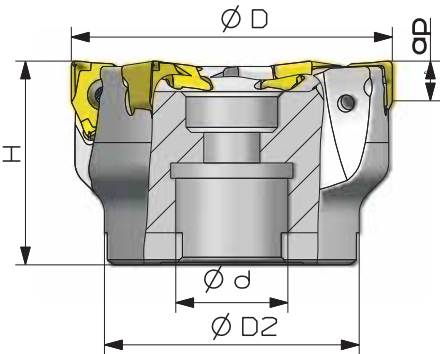
铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

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

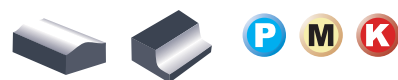
Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	$\varnothing D2$	$\varnothing D$	$\varnothing d$	H	a_p			
PF09.08A22.050.05	40	50	22	40	6	A	5	0.3
PF09.08A22.063.06	50	63	22	40	6	A	6	0.5
PF09.08B27.080.07	60	80	27	50	6	B	7	1.0
PF09.08B32.100.08	70	100	32	50	6	B	8	1.8
PF09.08B40.125.11	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

铣削刀具 | MILLING TOOLS

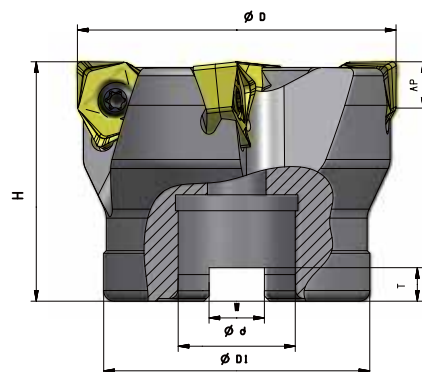
Indexable milling tools 可转位铣削刀具

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.

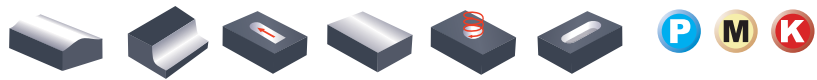
★ 刀具规格型号 Type of Milling Tools

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

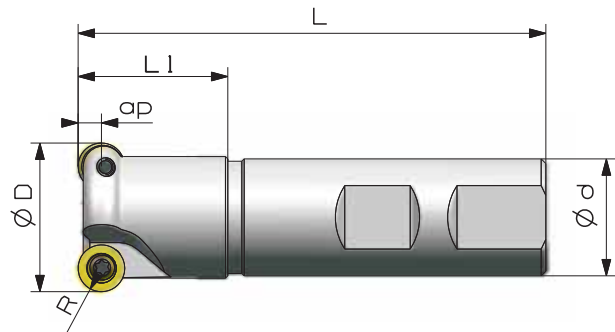
铣削刀具 | MILLING TOOLS

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 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.

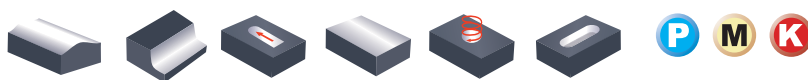
★ 刀具规格型号 Type of milling tools

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

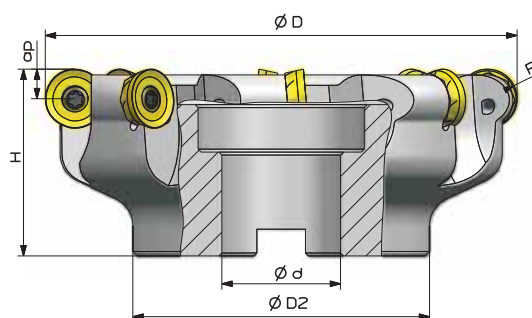
铣削刀具 | MILLING TOOLS

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 M4X10	T15T
RCKT1606MO-DR	TL60 M5X12	T20T
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.

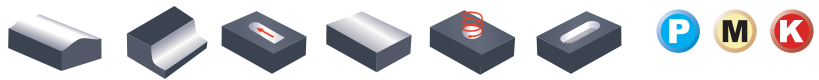
★ 刀具规格型号 Type of Milling Tools

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

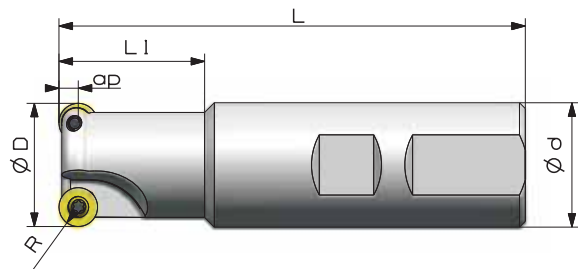
铣削刀具 | MILLING TOOLS

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 Zscct brand.

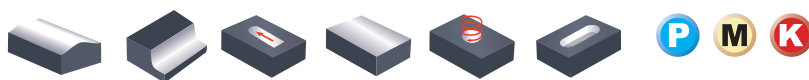
★ 刀具规格型号 Type of milling tools

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

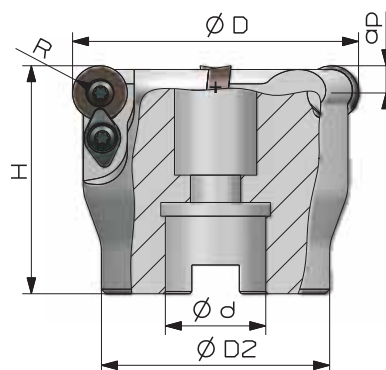
铣削刀具 | MILLING TOOLS

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.

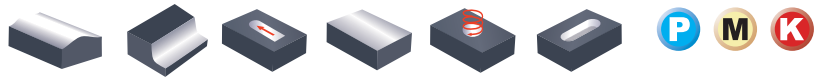
★ 刀具规格型号 Type of Milling Tools

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

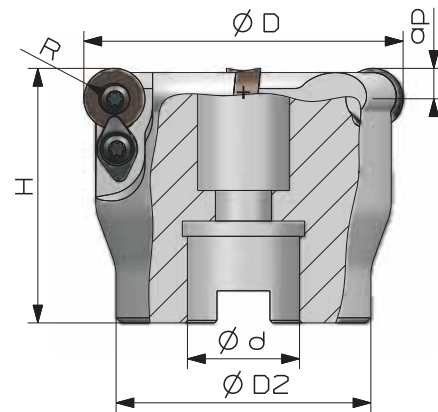
铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

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.

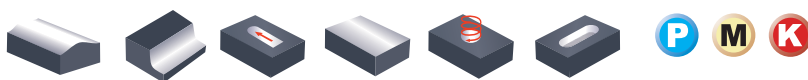
★ 刀具规格型号 Type of milling tools

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

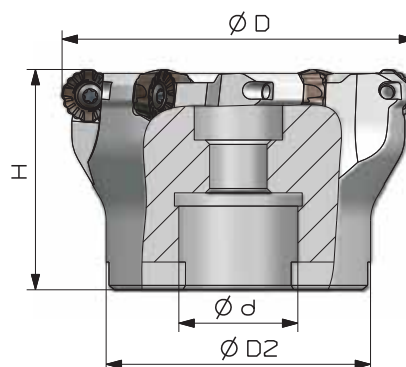
铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

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 Adapter	Tooth 齿数 Tooth	Weight 重量 (kg)
	ØD ₂	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

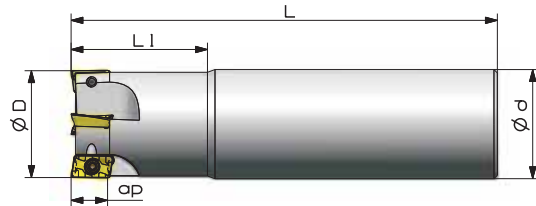
铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

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

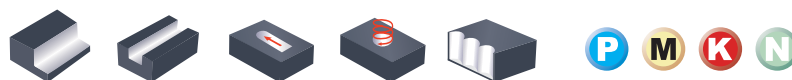
★ 刀具规格型号 Type of milling tools

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

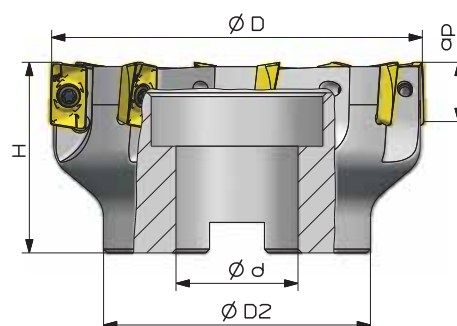
铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

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

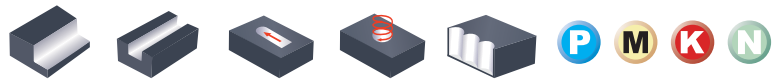
Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
		ØD	Ød	ØD ₂	H	ap			
AP11	PE01.11A22.050.06	50	22	40	40	11	A	6	0.3
	PE01.11A22.063.08	63	22	50	40	11	A	8	0.6
	PE01.11A27.080.08	80	27	60	50	11	A	8	1.2
	PE01.11B32.100.10	100	32	70	50	11	B	10	1.7
AP16	PE01.16A22.050.05	50	22	40	40	15.5	A	5	0.3
	PE01.16A22.063.06	63	22	50	40	15.5	A	6	0.5
	PE01.16A27.080.07	80	27	60	50	15.5	A	7	1.1
	PE01.16B32.100.08	100	32	70	50	15.5	B	8	1.6
	PE01.16B40.125.10	125	40	80	63	15.5	B	10	3.2
	PE01.16B40.160.10	160	40	100	63	15.5	B	10	6.3

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

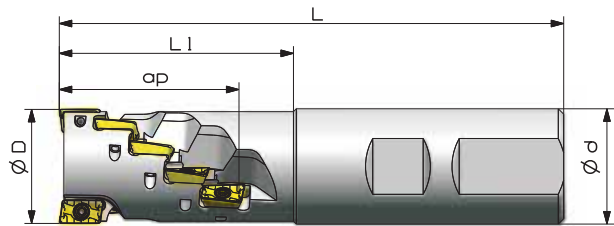
铣削刀具 | MILLING TOOLS

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.

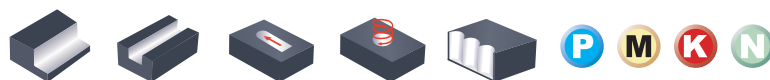
★ 刀具规格型号 Type of milling tools

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

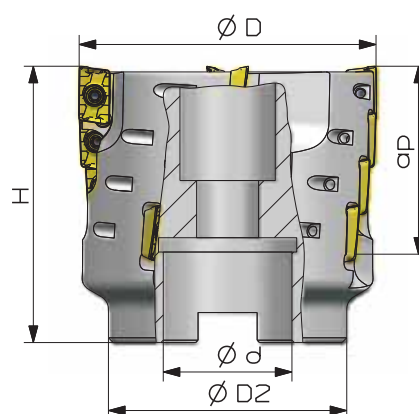
铣削刀具 | MILLING TOOLS

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.

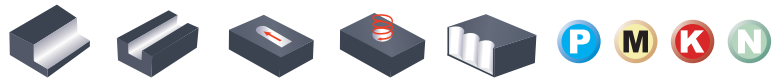
★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD	Ød	ØD2	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

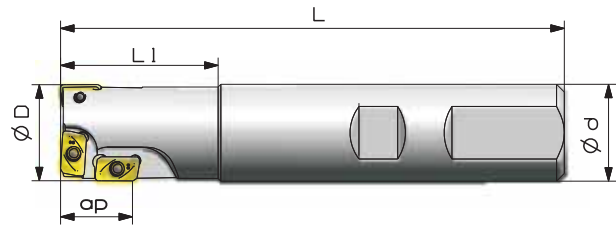
铣削刀具 | MILLING TOOLS

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 Zccct brand.

★ 刀具规格型号 Type of milling tools

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

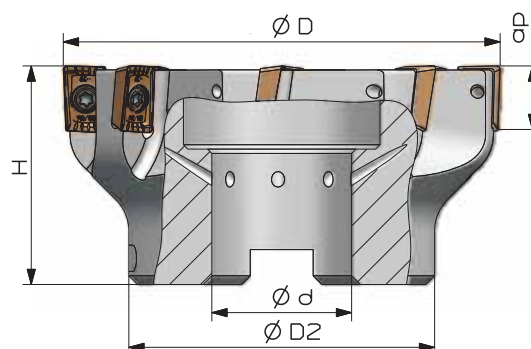
铣削刀具 | MILLING TOOLS

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)
	ØD ₂	ØD	Ød	H	a _p			
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

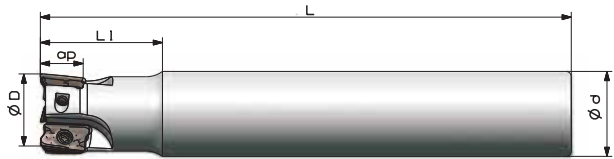
铣削刀具 | MILLING TOOLS

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

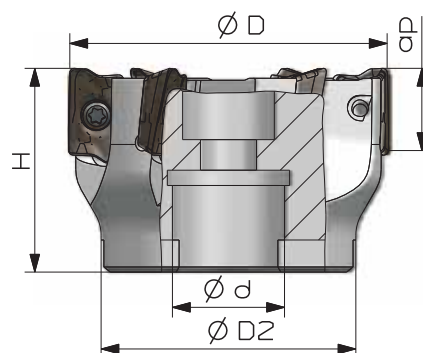
铣削刀具 | MILLING TOOLS

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 M4X12	T15T

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

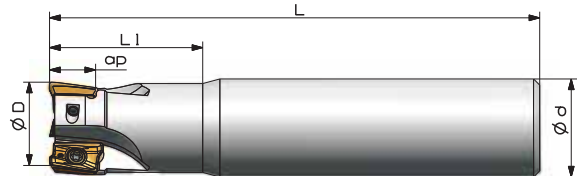
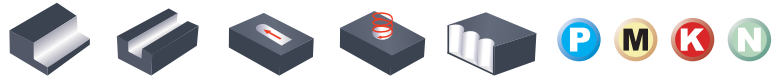
Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD ₂	ØD	ød	H	ap			
PE05.17A16.040.04	35	40	16	40	14	A	4	0.3
PE05.17A22.050.05	40	50	22	40	14	A	5	0.4
PE05.17A22.063.06	50	63	22	40	14	A	6	0.5
PE05.17A27.080.07	60	80	27	50	14	A	7	1.3
PE05.17B32.100.08	70	100	32	50	14	B	8	1.5
PE05.17B40.125.09	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

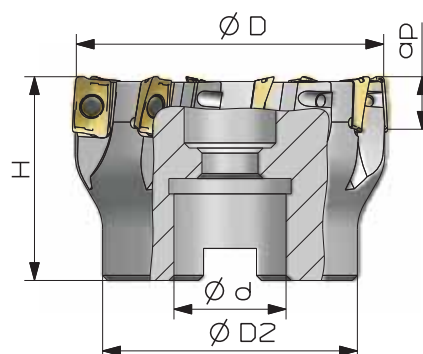
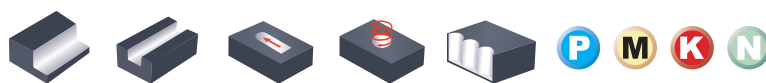
Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
		ØD	Ød	L	L1	ap			
AX12	PE06.12Z16.016.02.S	16	16	100	25	10	Z	2	0.3
	PE06.12Z16.016.02.M	16	16	145	25	10	Z	2	0.5
	PE06.12Z20.020.03.S	20	20	110	30	10	Z	3	0.6
	PE06.12Z20.020.03.M	20	20	150	40	10	Z	3	0.8
	PE06.12Z25.025.04.S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

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	T08T
AXMT1705□□PEER	TL60 M4X10	T15T

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

★ 刀具规格型号 Type of Milling Tools

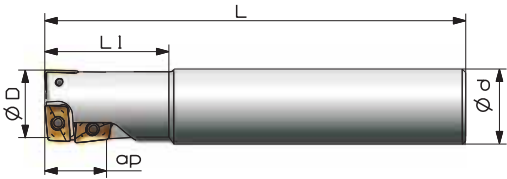
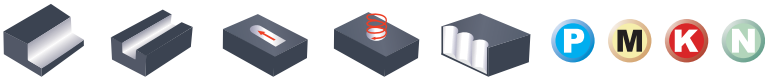
Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
		ØD	Ød	ØD2	H	ap			
AX12	PE06.12A16.040.06	40	16	35	40	10	A	6	0.3
	PE06.12A22.050.07	50	22	40	40	10	A	7	0.3
	PE06.12A22.063.08	63	22	50	40	10	A	8	0.5
AX17	PE06.17A16.040.04	40	16	35	40	14	A	4	0.3
	PE06.17A22.050.05	50	22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

铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

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

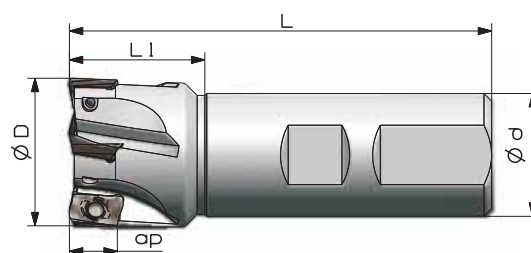
Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
		ØD	Ød	L	L1	ap			
AP10	PE07.10Z20.020.03.S	20	20	130	35	17	Z	1	0.3
	PE07.10Z20.020.03.M	20	20	185	60	17	Z	1	0.5
	PE07.10Z25.025.04.S	25	25	140	40	26	Z	1	1.2
	PE07.10Z25.025.04.M	25	25	220	75	26	Z	1	1.8
	PE07.10Z25.030.04.S	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

铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

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.

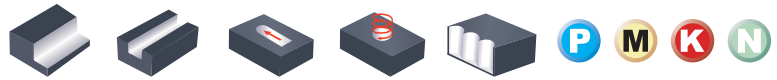
★ 刀具规格型号 Type of Milling Tools

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
	PE08.08Z20.020.02	20	20	200	39	8	Z	2	0.5
	PE08.08Z25.025.03	25	25	200	43	8	Z	3	0.7
AD12	PE08.12W25.025.03	25	25	100	43	11.5	W	3	0.35
	PE08.12W32.032.04	32	32	110	49	11.5	W	4	0.6
	PE08.12W32.040.05	40	32	110	40	11.5	W	5	0.7
	PE08.12Z25.025.03	25	25	200	43	11.5	Z	3	0.7
	PE08.12Z32.032.04	32	32	250	49	11.5	Z	4	1.5
	PE08.12Z32.040.05	40	32	250	45	11.5	Z	5	1.6

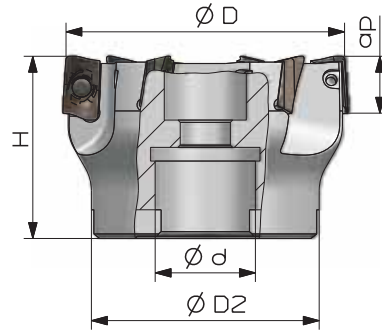
铣削刀具 | MILLING TOOLS

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

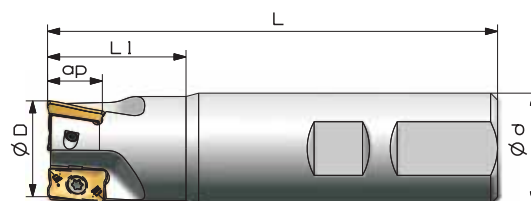
Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
		ØD	Ød	ØD2	H	ap			
AD08	PE08.08A16.040.06	40	16	35	40	8	A	6	0.2
	PE08.08A22.050.07	50	22	40	40	8	A	7	0.38
AD12	PE08.12A16.040.05	40	16	35	40	11.5	A	5	0.2
	PE08.12A22.050.06	50	22	40	40	11.5	A	6	0.3
	PE08.12A22.063.07	63	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.

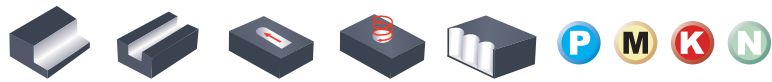
★ 刀具规格型号 Type of Milling Tools

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
17	PE09.17Z25.025.02	25	25	120	32	15.7	Z	2	0.4
	PE09.17Z32.032.03	32	32	130	40	15.7	Z	3	0.8
	PE09.17Z32.040.04	40	32	170	40	15.7	Z	4	0.9
	PE09.17W25.025.02	25	25	88	32	15.7	W	2	0.4
	PE09.17W32.032.03	32	32	100	40	15.7	W	3	0.8
	PE09.17W32.040.04	40	32	110	40	15.7	W	4	0.9

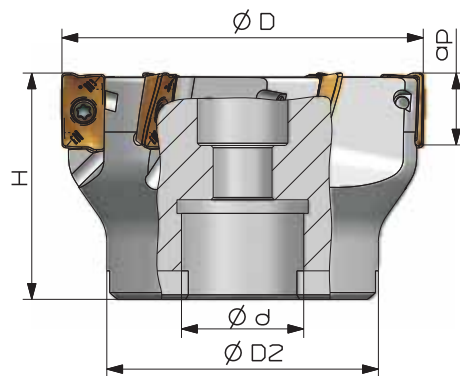
铣削刀具 | MILLING TOOLS

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.

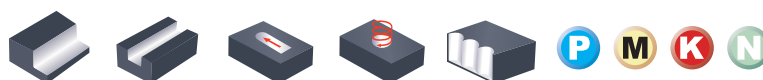
★ 刀具规格型号 Type of Milling Tools

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	ØD ₂	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

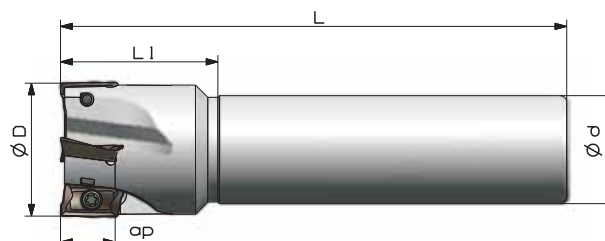
铣削刀具 | MILLING TOOLS

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.

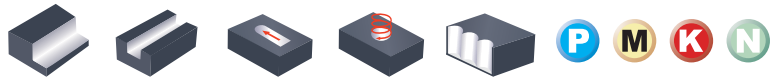
★ 刀具规格型号 Type of Milling Tools

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

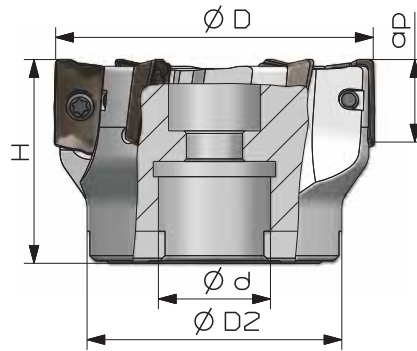
铣削刀具 | MILLING TOOLS

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)
		ØD	Ød	ØD2	H	ap			
11	PE10.11A22.050.07	50	22	40	40	10	A	7	0.5
	PE10.11A22.063.08	63	22	50	40	10	A	8	0.6
	PE10.11A27.080.10	80	27	60	50	10	A	10	0.9
17	PE10.17A22.050.05	50	22	40	40	15.7	A	5	0.4
	PE10.17A22.063.06	63	22	50	40	15.7	A	6	0.6
	PE10.17A27.080.08	80	27	60	50	15.7	A	8	0.8
	PE10.17B32.100.09	100	32	70	50	15.7	B	9	1.5

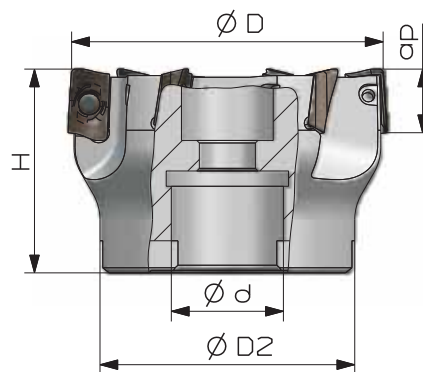
铣削刀具 | MILLING TOOLS

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)
		ØD	Ød	ØD ₂	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

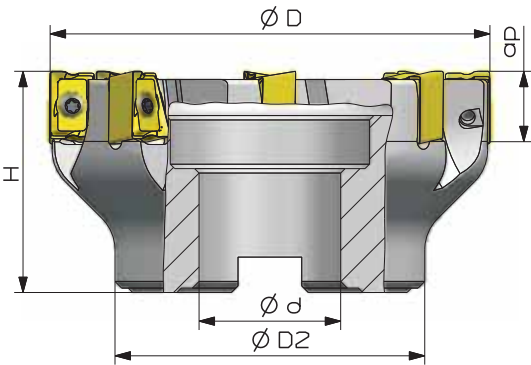
铣削刀具 | MILLING TOOLS

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

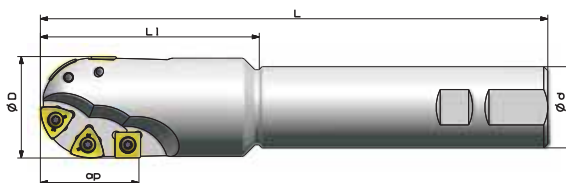
Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD	Ød	ØD ₂	H	ap			
PE12.15A22.050.04	50	22	40	40	14	A	4	0.4
PE12.15A22.063.06	63	22	50	40	14	A	6	0.6
PE12.15A27.080.07	80	27	60	50	14	A	7	1.2
PE12.15B32.100.8	100	32	70	50	14	B	8	2.4
PE12.15B40.125.10	125	40	80	63	14	B	10	3.8
PE12.15B40.160.12	160	40	100	63	14	B	12	4.6

铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

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

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

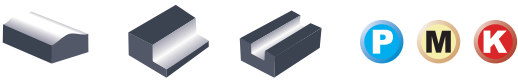
★ 刀具规格型号 Type of Milling Tools

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

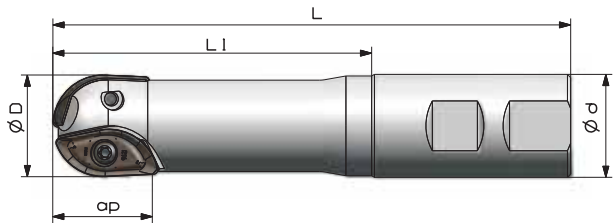
铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

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

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

★ 刀具规格型号 Type of Milling Tools

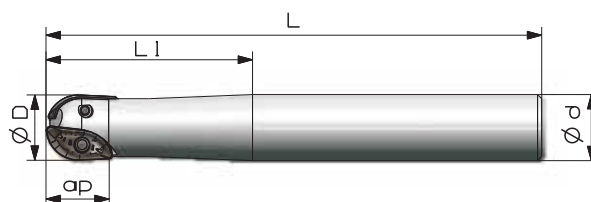
Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD	Ød	L	L1	ap			
RB02.16W20.016.S	16	20	111	60	16	W	2	0.2
RB02.20W25.020.S	20	25	127	70	20	W	2	0.3
RB02.20W25.020.M	20	25	150	80	20	W	2	0.4
RB02.25W25.025.S	25	25	137	80	25	W	2	0.4
RB02.25W25.025.M	25	25	200	100	25	W	2	0.6
RB02.30W32.030.S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

铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

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 Zccct brand.

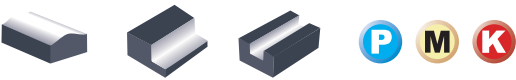
★ 刀具规格型号 Type of Milling Tools

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

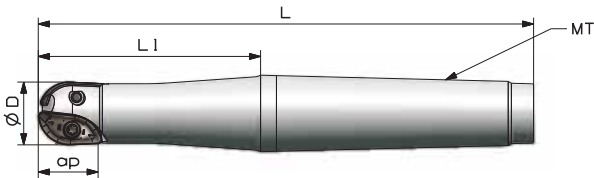
铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

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 Zccct brand.

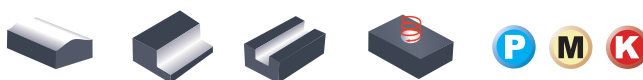
★ 刀具规格型号 Type of Milling Tools

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

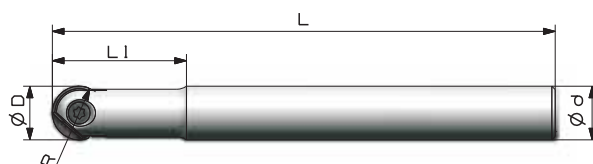
铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

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

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

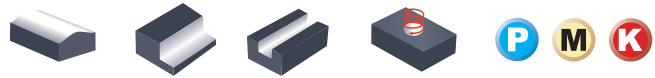
★ 刀具规格型号 Type of Milling Tools

Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量(kg)
		ØD	Ød	L	L1	R			
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

铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

仿形铣刀



★ 刀具规格型号 Type of Milling Tools

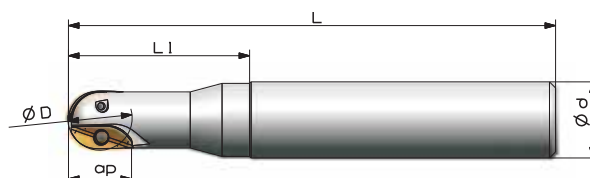
Category 类别	Type 型号	基本尺寸(mm) Dimension					Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
		ØD	Ød	L	L1	R			
ø 25	RB03.25Z25.025.M	25	25	200	70	12.5	Z	1	0.7
	RB03.25Z25.025.L	25	25	250	100	12.5	Z	1	0.9
	RB03.25Z32.025.M	25	32	200	90	12.5	Z	1	1.0
	RB03.25Z32.025.L	25	32	250	110	12.5	Z	1	1.3
ø 30	RB03.30Z32.030.M	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

铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

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

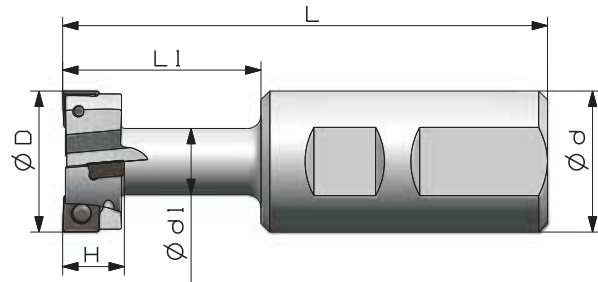
铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

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

★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension						Tooth 齿数	Weight 重量(kg)
	ØD	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

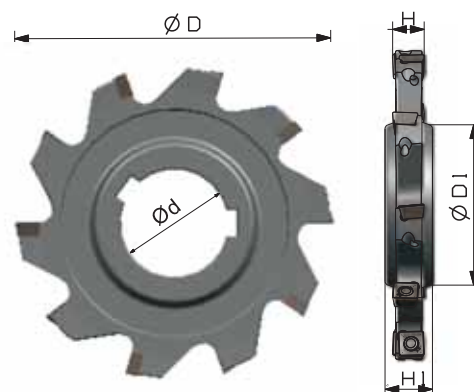
铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

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

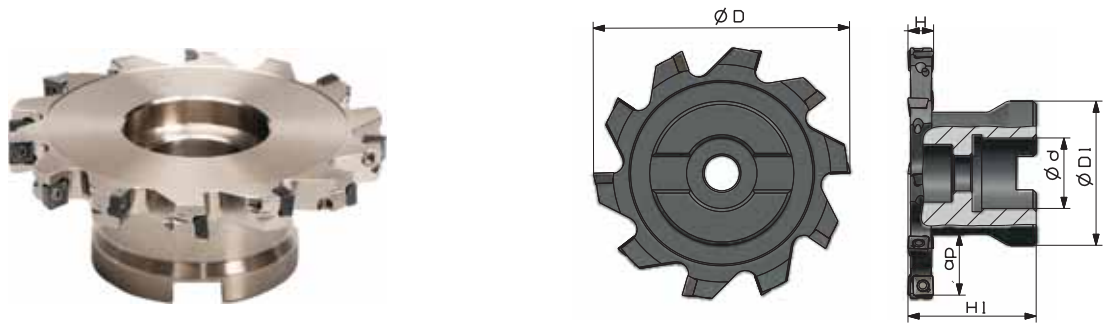
铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

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	TL60 M2.5X6.5	T08T
MPHT080305-DM	TL60M3X7	T10T
MPHT120408-DM	TL60 M5X10	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						Tooth 齿数	Adapter 接口 形式	Weight 重量 (kg)
		ØD	ØD1	Ød	H1	H	ap			
MP06	PT01.06A22.080.10.H8	80	45	22	40	8	21	10	A	0.4
	PT01.06B27.100.14.H8	100	55	27	40	8	24	14	B	0.6
	PT01.06B27.100.14.H10	100	55	27	40	10	24	14	B	0.7
	PT01.06B32.125.16.H10	125	65	32	45	10	33	16	B	1.1
MP08	PT01.08B32.125.12.H12	125	65	32	45	12	33	12	B	1.4
	PT01.08B40.160.14.H12	160	80	40	45	12	45	14	B	1.9
	PT01.08C40.200.18.H12	200	92	40	50	12	53	18	C	3.2
MP12	PT01.12B32.125.10.H16	125	65	32	50	16	30	10	B	2.3
	PT01.12B40.160.12.H16	160	80	40	60	16	45	12	B	2.3
	PT01.12B40.160.12.H18	160	80	40	60	18	45	12	B	2.4
	PT01.12C40.200.14.H16	200	92	40	50	16	53	14	C	2.6
	PT01.12C40.200.14.H18	200	92	40	50	18	53	14	C	3.9
	PT01.12C40.200.14.H20	200	92	40	50	20	53	14	C	4.2

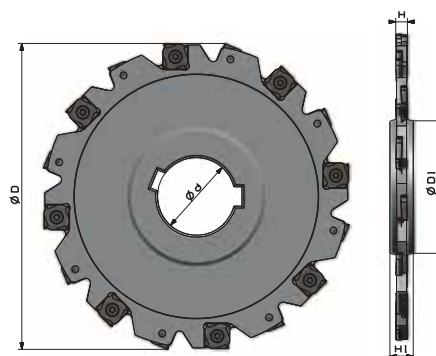
铣削刀具 | MILLING TOOLS

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					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

铣削刀具 | MILLING TOOLS

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

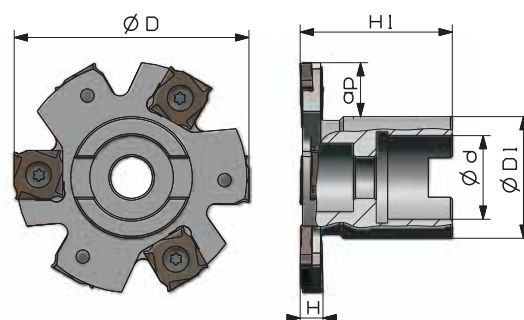
铣削刀具 | MILLING TOOLS

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	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

铣削刀具 | MILLING TOOLS

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

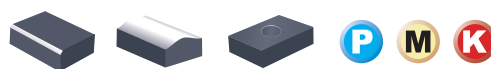
Category 类别	Type 型号	基本尺寸(mm) Dimension						Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
		ØD	ØD1	Ød	H1	H	ap			
04	PT02.12A22.063.06.H7	63	32	22	40	7	14	A	6	0.2
	PT02.12A22.080.08.H7	80	40	22	50	7	18	A	8	0.5
	PT02.12A27.100.10.H7	100	48	27	50	7	23	A	10	0.7
	PT02.12B40.125.12.H7	125	70	40	50	7	27	B	12	1.1
	PT02.12B40.160.16.H7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

铣削刀具 | MILLING TOOLS

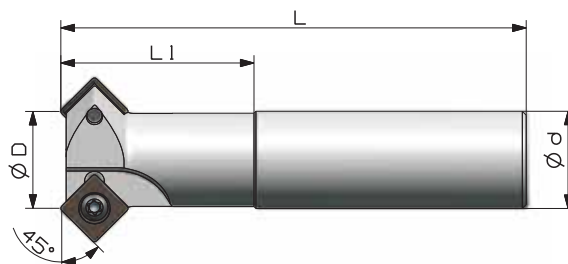
Indexable milling tools 可转位铣削刀具

倒角铣刀 Kr:45°

Chamfer Milling Tools



AC01



★ 刀具附件 Spare parts

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

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

★ 刀具规格型号 Type of Milling Tools

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

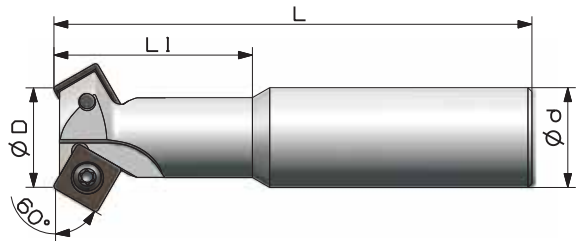
铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

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.

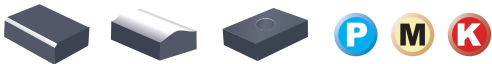
★ 刀具规格型号 Type of Milling Tools

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

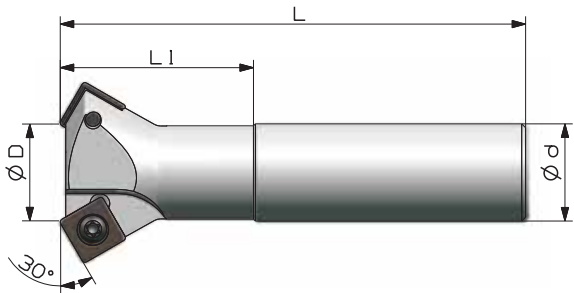
铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

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 Zccct brand.

★ 刀具规格型号 Type of Milling Tools

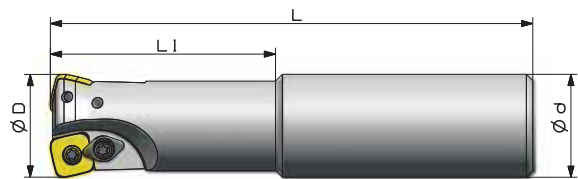
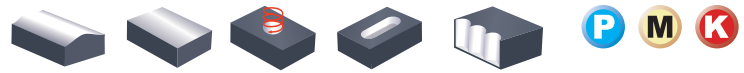
Type 型号	基本尺寸(mm) Dimension				Adapter 接口 形式	Tooth 齿数	Weight 重量(kg)
	ØD	Ød	L	L1			
ZC01.12Z20.012.01	12	20	100	40	Z	1	0.2
ZC01.12W20.012.01	12	20	100	40	W	1	0.2
ZC01.12Z25.025.02	25	25	120	40	Z	2	0.4
ZC01.12W25.025.02	25	25	120	40	W	2	0.4
ZC01.12Z32.032.03	32	32	180	50	Z	3	1.0
ZC01.12W32.032.03	32	32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

铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

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 Zccct brand.

★ 刀具规格型号 Type of Milling Tools

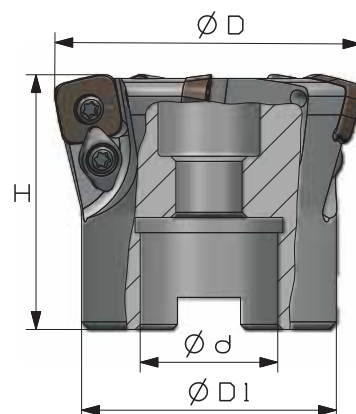
Type 型号	基本尺寸(mm) Dimension				Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	ØD	Ød	L	L1			
XK01.09Z25.025.02	25	25	140	60	Z	2	0.5
XK01.09Z32.032.03	32	32	150	70	Z	3	0.8
XK01.09Z32.035.03	35	32	150	50	Z	3	0.8
XK01.12Z32.032.02	32	32	150	70	Z	2	0.8
XK01.12Z32.040.03	40	32	150	50	Z	3	1.3

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	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 Zccct brand.

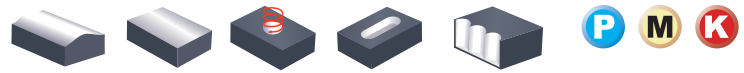
★ 刀具规格型号 Type of Milling Tools

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

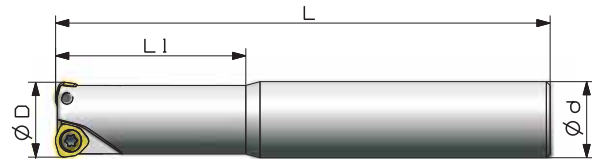
铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

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 Zccct brand.

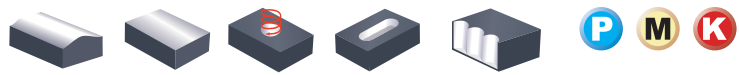
★ 刀具规格型号 Type of Milling Tools

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

铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

大进给刀具



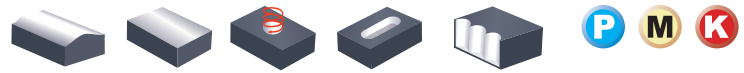
★ 刀具规格型号 Type of Milling Tools

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	200	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	200	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	200	50	Z	2	2.5

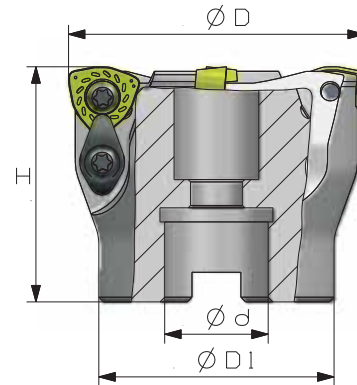
铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

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

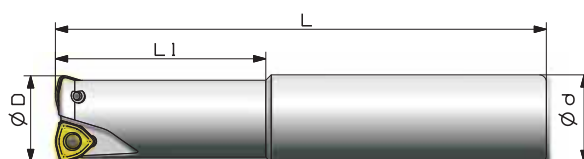
Category 类 型	Type 型 号	基本尺寸(mm) Dimension				Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
		ØD	ØD1	Ød	H			
WP06	XK02.06A22.050.04	50	40	22	50	A	4	0.4
	XK02.08A22.050.03	50	40	22	50	A	3	0.4
	XK02.08A22.063.04	63	50	22	50	A	4	0.7
	XK02.08A27.063.04	63	50	27	50	A	4	0.7
	XK02.08A27.080.05	80	60	27	50	A	5	1.5
	XK02.08B32.100.06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

铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

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.

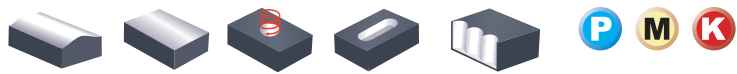
★ 刀具规格型号 Type of Milling Tools

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

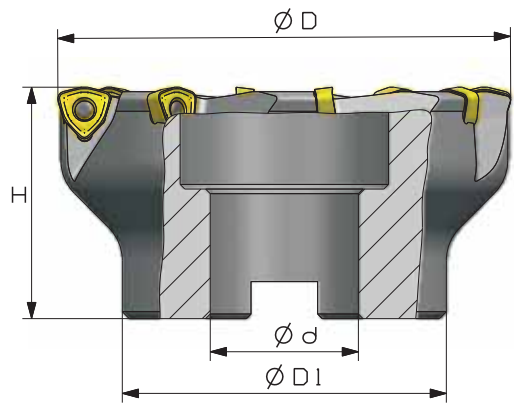
铣削刀具 | MILLING TOOLS

可转位铣削刀具 Indexable milling tools

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.

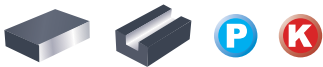
★ 刀具规格型号 Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension				Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
	$\varnothing D$	$\varnothing D1$	$\varnothing d$	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

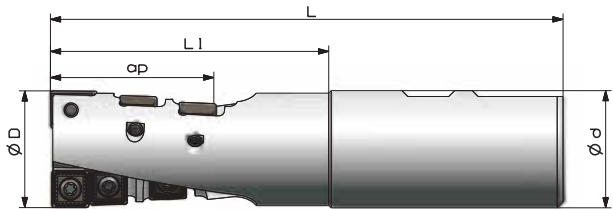
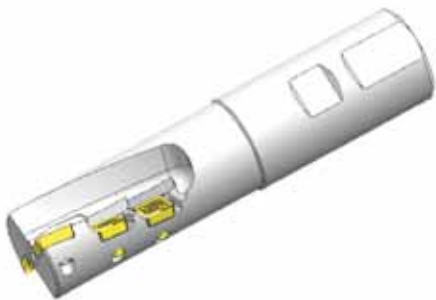
铣削刀具 | MILLING TOOLS

Indexable milling tools 可转位铣削刀具

螺旋立铣刀 Kr:90°



PH01



★ 刀具附件 Spare parts

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

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

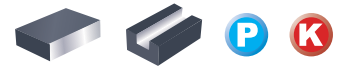
★ 刀具规格型号Type of Milling Tools

Type 型号	基本尺寸(mm) Dimension					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

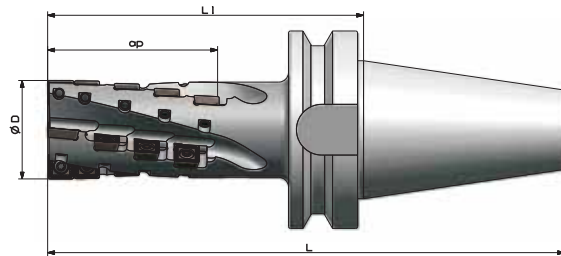
铣削刀具 | MILLING TOOLS

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

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

★ 刀具规格型号 Type of Milling Tools

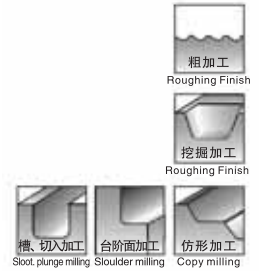
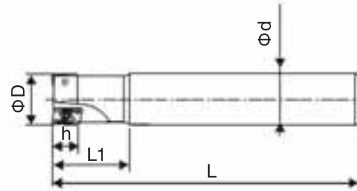
Category 类型	Type 型号	基本尺寸(mm) Dimension				Adapter 接口 形式	Tooth 齿数	Weight 重量 (kg)
		ØD	L	L1	ap			
JT50	PH01.12JT50.050.04.084	50	246.75	145	84	JT50	4	4.8
	PH01.12JT50.063.04.074	63	236.75	135	74	JT50	4	5.5
	PH01.12JT50.063.04.104	63	266.75	165	104	JT50	4	6.0
	PH01.12JT50.063.04.134	63	296.75	195	134	JT50	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



标准备库品 Stocked Letms	型号 Cat.No	尺寸 Size						适用刀片 Applicable inserts	齿数 Teeth	扳手 Screw	螺钉 Pressure plate
		ϕD	ϕd	L	L1	L2	h				
BAP300R-10-130-C10-1T		10	10	130	30	-	9	APMT1135PDER	1	T08	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。

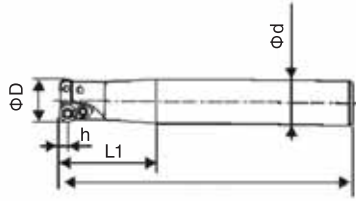
Note: Matching insert we suggest Mitsubishi Zocct brand

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



标准备库品 Stocked Letms	型号 Cat.No	尺寸 Size						适用刀片 Applicable inserts	齿数 Teeth	扳手 Wrench	螺钉 Screw	压板 Pressure plate
		ϕD	ϕd	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-35-400-C32-3T	35	32	400	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

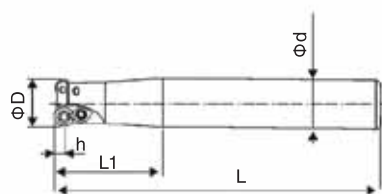
备注：配套刀片建议参照三菱、株洲钻石、特固克牌刀片。 Note: Matching insert we suggest Mitsubishi, Zccct brand.

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

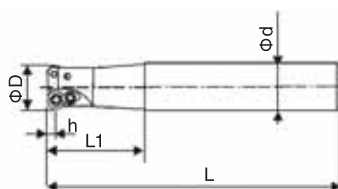


标准品 Stocked Letrms	型号 Cat.No	尺寸 Size						适用刀片 Applicable inserts	齿数 Teeth	扳手 Wrench	螺钉 Screw	压板 Pressure plate
		ϕD	ϕd	L	L1	L2	h					
	EMRW-6R-32-160-C25-2T	32	25	160	50	-	6	RPMW/T1204 MO	2	T15	M4X10	WD-204
	EMRW-6R-32-200-C25-2T	32	25	200	50	-	6	RPMW/T1204 MO	2	T15	M4X10	WD-204
	EMRW-6R-32-250-C25-2T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



标准品 Stocked Letrms	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

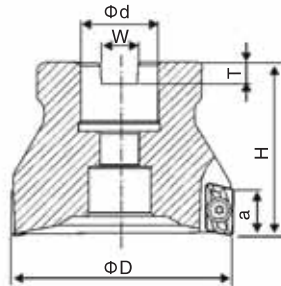
备注：配套刀片建议参照日立牌刀片。Note: Matching insert we suggest Hitachi brand

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

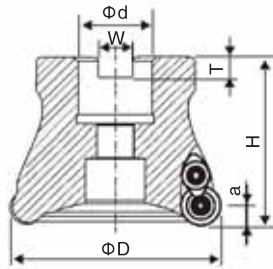


标准备库品 Stocked Letrms	型号 Cat.No	尺寸 Size						适用刀片 Applicable inserts	齿数 Teeth	扳手 Wrench	螺钉 Screw	压板 Pressure plate
		ΦD	Φd	H	W	T	a					
	BAP400R-50-22-4T	50	22	50	10.4	6.3	14	APMT1604PDER	4	T15	M4X10	—
	BAP400R-63-22-4T	63	22	50	10.4	6.3	14	APMT1604PDER	4	T15	M4X10	—
	BAP400R-63-22-5T	63	22	50	10.4	6.3	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



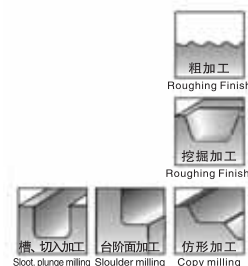
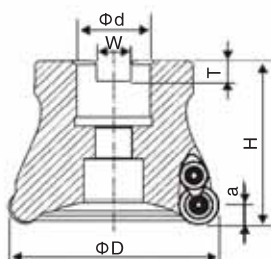
标准备库品 Stocked Letrms	型号 Cat.No	尺寸 Size						适用刀片 Applicable inserts	齿数 Teeth	扳手 Wrench	螺钉 Screw	压板 Pressure plate
		ΦD	Φd	H	W	T	a					
	EMR-5R-50-22-4T	50	22	50	10.4	6.3	5	RPMW1003M0	4	T15	M4X10	WD-204
	EMR-5R-63-22-4T	63	22	50	10.4	6.3	5	RPMW1003M0	4	T15	M4X10	WD-204
	EMR-5R-63-22-5T	63	22	50	10.4	6.3	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

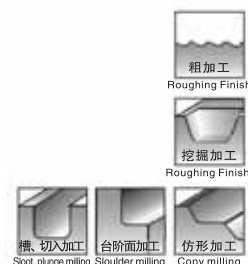
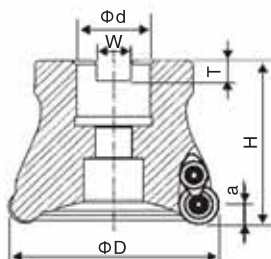
Indexable milling tools 可转位铣削刀具

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						适用刀片 Applicable inserts	齿数 Teeth	扳手 Wrench	螺钉 Screw	压板 Pressure plate
		ΦD	Φd	H	W	T	a					
	EMRW-6R-50-22-4T	50	22	50	10.4	6.3	6	RPMW/T1204M0	4	T15	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

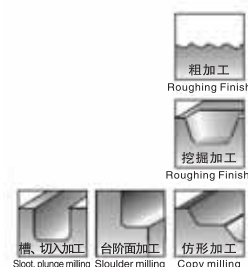
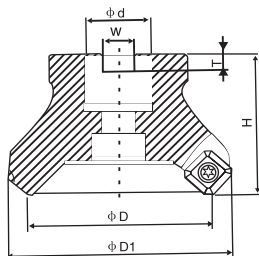
TRS 圆鼻立铣刀 TRS round dowel end mill



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

标准备库品 Stocked Letrms	型号 Cat.No	尺寸 Size						适用刀片 Applicable inserts	齿数 Teeth	扳手 Wrench	螺钉 Screw	压板 Pressure plate
		ΦD	Φd	H	W	T	a					
	TRS-5R-50-22-4T	50	22	50	10.4	6.3	5	RDMT10T3MO	4	T15	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

KM-45° 壳形铣刀 KM-45° face mill



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

标准备库品 Stocked Letrms	型号 Cat.No	尺寸 Size						适用刀片 Applicable inserts	齿数 Teeth	扳手 Wrench	螺钉 Screw	压板 Pressure plate
		ΦD	Φd	H	W	T	ΦD1					
	KM12-50-22-4T	50	22	50	10.4	6.3	64	SEKT1204□□	4	T20	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	

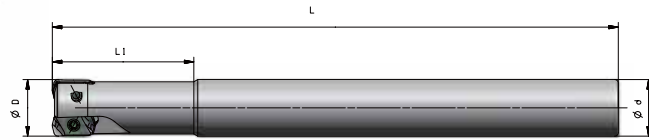
备注：配套刀片建议参照三菱、株洲钻石牌刀片。
Note: Matching insert we suggest Mitsubishi, Zccct brand.

模具铣削刀具 | MOLD MILLING TOOLS

可转位铣削刀具 Indexable milling tools

EXN系列铣刀杆

EXN series milling holder



★ 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	ØD1	Ød	L1	L	ap				
EXN03R-16-100-C16-2T		16	9.6	16	35	100	1	2	LNMU0303ZER	T08	M2.5X6.5
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			
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			

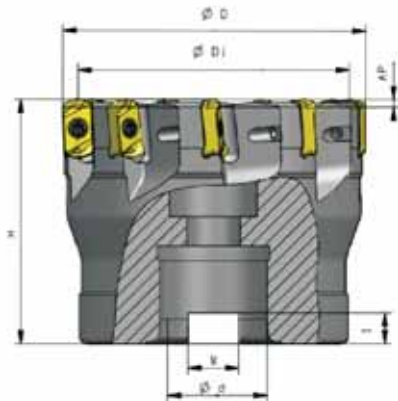
备注：与东芝品牌刀片通用。Note: Replaceable with Tungaloy brand inserts.

模具铣削刀具 | MOLD MILLING TOOLS

Indexable milling tools 可转位铣削刀具

EXN系列铣刀盘

EXN series mill



★ 刀具附件 Spare parts

刀片 Insert	刀片螺钉 Insert Screw	扳手 Wrench
		
LNMU0303ZER	M2.5X6.5	T08

★ 刀具规格型号 Type of Milling Tools

标准库品 Stocked Letms	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.

钻削刀具 | DRILLING TOOLS

孔加工刀具

Hole-machining Tools

UD20/25/30/35/40/50 新型浅孔钻系列



1. 采用高强度特种钢材，表面强化处理，刀体强度更高，更加耐磨。

1. Using highly-strength special steel and surface strengthening process, making higher strength and more wear-resistance.

2. 容屑槽空间更大，排屑更顺畅。

2. The space of chip flute is much bigger, the discharge is more smooth.

3. 经过切削平衡设计的刀片安装角度，切削振动小、机床主轴负载低，切削效率高，钻孔精度及表面光洁度更佳。

3. Through the insert install the angle, the insert which is cutting balance design, cutting in low vibration, the lathe main axis load is low. Cutting efficiency is high. Drilling precision and the surface finish are much better.

4. 大直径浅孔钻系列可以更换不同尺寸刀夹，改变钻孔直径，大幅节约用户成本。

4. The series of big diameter U drill can be changed in different size of toolholder, changed in the drilling diameter. Help the users to cost saving substantially.

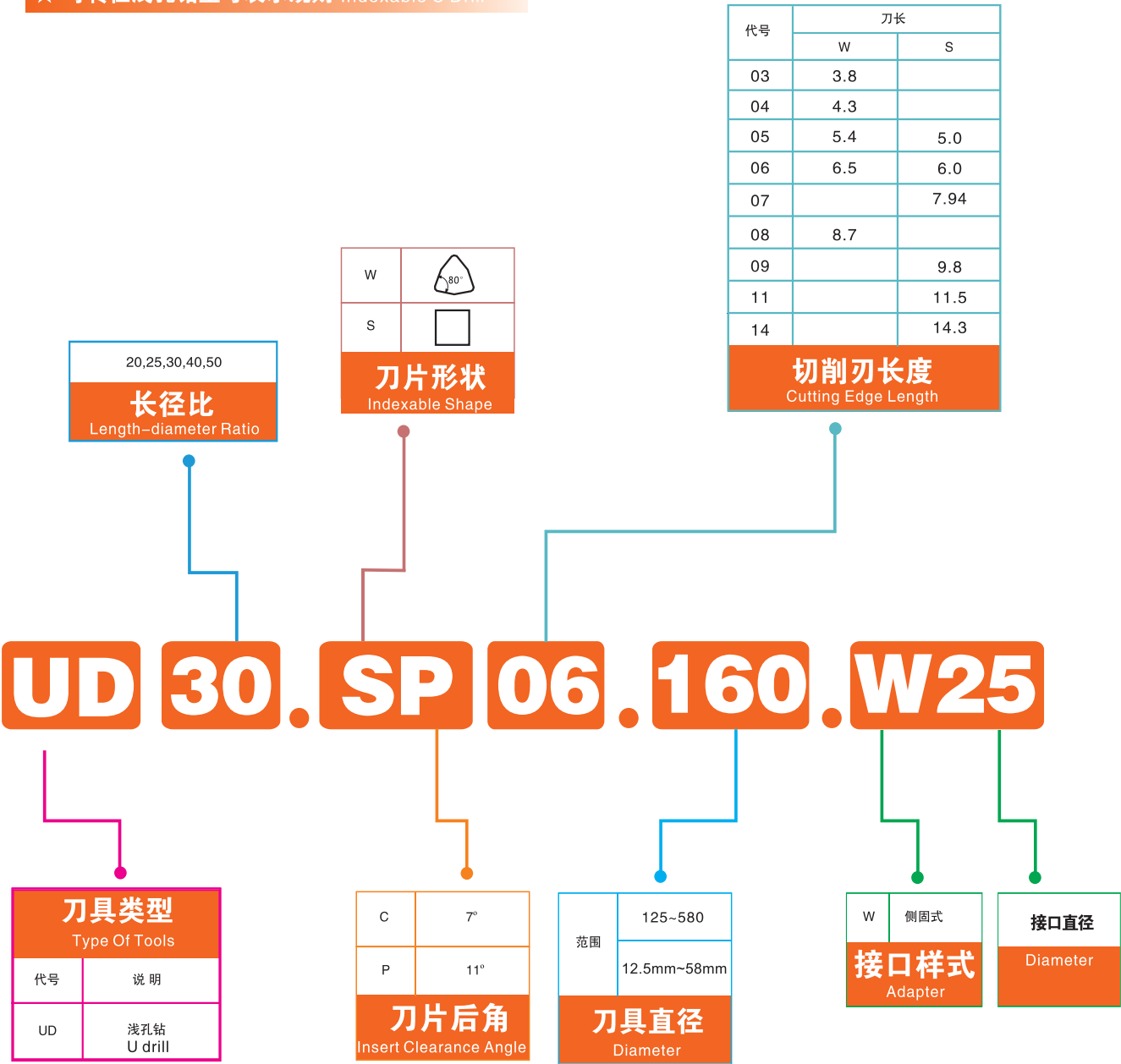
5. 新型双螺旋内冷孔，冷却和润滑效果更好，钻削效果更佳。

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

钻削刀具 | DRILLING TOOLS

Hole-machining Tools 孔加工刀具

★ 可转位浅孔钻型号表示规则 Indexable U Drill

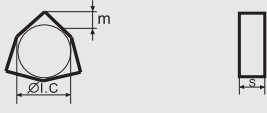


钻削刀具 | DRILLING TOOLS

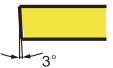
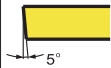
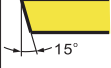
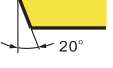
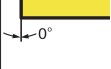
孔加工刀具 Hole-machining Tools

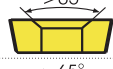
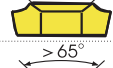
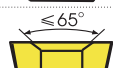
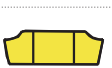
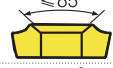
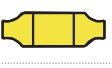
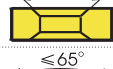
★ 可转位浅孔钻刀片命名规则 Indexable U Drill Inserts Code Key

代号	刀片形状
S	
W	
形状代号	

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

W C M X

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

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

钻削刀具 | DRILLING TOOLS

Hole-machining Tools 孔加工刀具

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

刀片厚度

08 04 12 R - DM

刀尖圆弧半径	
代号	说明
04	0.4mm
08	0.8mm
12	1.2mm

切削方向	
代号	说明
R	右
L	左
N	双向

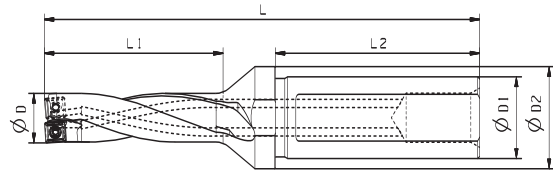
断屑槽型代号

钻削刀具 | DRILLING TOOLS

孔加工刀具 Hole-machining Tools

可转位浅孔钻

UD20



★ 刀具附件 Spare parts

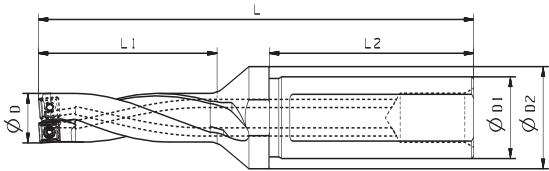
Type 型号	基本尺寸(mm) Dimension						Insert 刀片	备件	
	D	D1	D2	L2	L1	L		螺钉	扳手
UD20.SP05.125.W20	12.5	20	25	50	26	94	SP□□050204	L60M2×4.3	T06
UD20.SP05.130.W20	13.0	20	25	50	26	94		L60M2×4.3	T06
UD20.SP05.135.W20	13.5	20	25	50	28	96		L60M2×4.3	T06
UD20.SP05.140.W20	14.0	20	25	50	28	96		L60M2×4.3	T06
UD20.SP05.145.W20	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		L60M2.5×6.5	T08
UD20.SP07.250.W32	25.0	32	45	60	50	137		L60M2.5×6.5	T08
UD20.SP07.255.W25	25.5	25	45	56	52	135		L60M2.5×6.5	T08
UD20.SP07.255.W32	25.5	32	45	60	52	139		L60M2.5×6.5	T08
UD20.SP07.260.W25	26.0	25	45	56	52	135		L60M2.5×6.5	T08
UD20.SP07.260.W32	26.0	32	45	60	52	139		L60M2.5×6.5	T08
UD20.SP07.265.W25	26.5	25	45	56	54	137		L60M2.5×6.5	T08
UD20.SP07.265.W32	26.5	32	45	60	54	141		L60M2.5×6.5	T08
UD20.SP07.270.W25	27.0	25	45	56	54	137		L60M2.5×6.5	T08
UD20.SP07.270.W32	27.0	32	45	60	54	141		L60M2.5×6.5	T08
UD20.SP07.275.W25	27.5	25	45	56	56	140		L60M2.5×6.5	T08
UD20.SP07.275.W32	27.5	32	45	60	56	144		L60M2.5×6.5	T08
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

钻削刀具 | DRILLING TOOLS

Hole-machining Tools 孔加工刀具

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UD20



★ 刀具附件 Spare parts

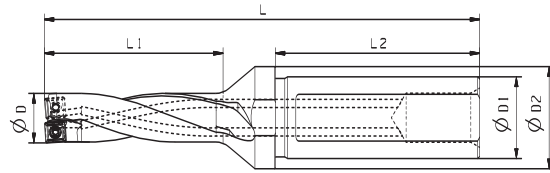
Type 型号	基本尺寸(mm) Dimension						Insert 刀片	备件	
	D	D1	D2	L2	L1	L		螺钉	扳手
UD20.SP09.285.W32	28.5	32	45	60	58	146	SP□□090408	L60M3.5×8	T10
UD20.SP09.290.W25	29.0	25	45	56	58	142		L60M3.5×8	T10
UD20.SP09.290.W32	29.0	32	45	60	58	146		L60M3.5×8	T10
UD20.SP09.295.W32	29.5	32	55	60	60	151		L60M3.5×8	T10
UD20.SP09.295.W40	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		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	SP□□110408	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		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		L60M4×10	T15
UD20.SP11.400.W40	40.0	40	60	70	80	188		L60M4×10	T15
UD20.SP11.410.W40	41.0	40	60	70	82	191		L60M4×10	T15
UD20.SP14.420.W40	42.0	40	60	70	84	193	SP□□140512	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

钻削刀具 | DRILLING TOOLS

孔加工刀具 Hole-machining Tools

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UD30



★ 刀具附件 Spare parts

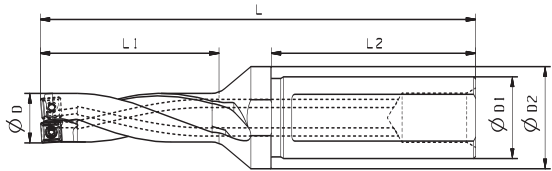
Type 型号	基本尺寸(mm) Dimension						Insert 刀片	备件	
	D	D1	D2	L2	L1	L		螺钉	扳手
UD30.SP05.125.W20	12.5	20	25	50	39	107	SP□□050204	L60M2×4.3	T06
UD30.SP05.130.W20	13.0	20	25	50	39	107		L60M2×4.3	T06
UD30.SP05.135.W20	13.5	20	25	50	42	110		L60M2×4.3	T06
UD30.SP05.140.W20	14.0	20	25	50	42	110		L60M2×4.3	T06
UD30.SP05.145.W20	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	SP□□07T308	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		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

钻削刀具 | DRILLING TOOLS

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UD30



★ 刀具附件 Spare parts

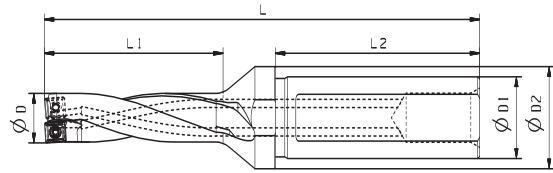
Type 型号	基本尺寸(mm) Dimension						Insert 刀片	备件	
	D	D1	D2	L2	L1	L		螺钉	扳手
UD30.SP09.280.W25	28.0	25	45	56	84	168	SP□□090408	L60M3.5×8	T10
UD30.SP09.280.W32	28.0	32	45	60	84	172		L60M3.5×8	T10
UD30.SP09.285.W25	28.5	25	45	56	87	171		L60M3.5×8	T10
UD30.SP09.285.W32	28.5	32	45	56	87	171		L60M3.5×8	T10
UD30.SP09.290.W25	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		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	SP□□110408	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		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	SP□□140512	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

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UD40



★ 刀具附件 Spare parts

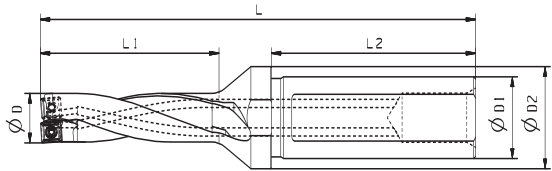
Type 型号	基本尺寸(mm) Dimension						Insert 刀片	备件	
	D	D1	D2	L2	L1	L		螺钉	扳手
UD40.SP05.125.W20	12.5	20	25	50	52	120	SP□□050204	L60M2×4.3	T06
UD40.SP05.130.W20	13.0	20	25	50	52	120		L60M2×4.3	T06
UD40.SP05.135.W20	13.5	20	25	50	56	124		L60M2×4.3	T06
UD40.SP05.140.W20	14.0	20	25	50	56	124		L60M2×4.3	T06
UD40.SP05.145.W20	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	L60M2.5×6.5	T08
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		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□□090408	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

钻削刀具 | DRILLING TOOLS

Hole-machining Tools 孔加工刀具

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UD40



★ 刀具附件 Spare parts

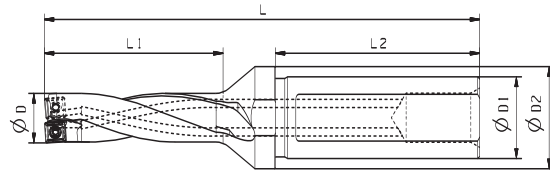
Type 型号	基本尺寸(mm) Dimension						Insert 刀片	备件	
	D	D1	D2	L2	L1	L		螺钉	扳手
UD40.SP09.285.W32	28.5	32	45	60	116	204	SP□□090408	L60M3.5×8	T10
UD40.SP09.290.W25	29.0	25	45	56	116	200		L60M3.5×8	T10
UD40.SP09.290.W32	29.0	32	45	60	116	204		L60M3.5×8	T10
UD40.SP09.295.W32	29.5	32	55	60	120	211		L60M3.5×8	T10
UD40.SP09.295.W40	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		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	SP□□110408	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		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		L60M4×10	T15
UD40.SP14.420.W40	42.0	40	60	70	168	277	SP□□140512	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

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UD50



★ 刀具附件 Spare parts

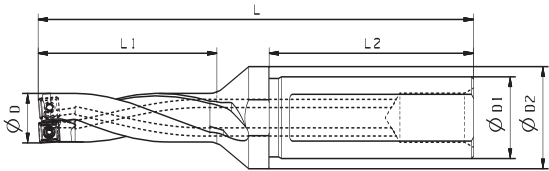
Type 型号	基本尺寸(mm) Dimension						Insert 刀片	备件	
	D	D1	D2	L2	L1	L		螺钉	扳手
UD50.SP05.125.W20	12.5	20	25	50	65	133	SP□□050204	L60M2×4.3	T06
UD50.SP05.130.W20	13.0	20	25	50	65	133		L60M2×4.3	T06
UD50.SP05.135.W20	13.5	20	25	50	70	138		L60M2×4.3	T06
UD50.SP05.140.W20	14.0	20	25	50	70	138		L60M2×4.3	T06
UD50.SP05.145.W20	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		L60M2.2×5.5	T07
UD50.SP07.220.W32	22.0	25	32	56	110	189	SP□□07T308	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		L60M2.5×6.5	T08
UD50.SP09.280.W32	28.0	32	45	60	140	228	SP□□090408	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

Hole-machining Tools 孔加工刀具

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UD50



★ 刀具附件 Spare parts

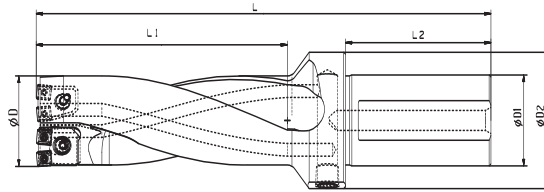
Type 型号	基本尺寸(mm) Dimension						Insert 刀片	备件	
	D	D1	D2	L2	L1	L		螺钉	扳手
UD50.SP09.290.W32	29.0	32	45	60	145	233	SP□□090408	L60M3.5X8	T10
UD50.SP09.295.W32	29.5	32	55	60	150	241		L60M3.5X8	T10
UD50.SP09.300.W32	30.0	32	55	60	150	241		L60M3.5X8	T10
UD50.SP09.300.W40	30.0	40	55	70	150	251		L60M3.5X8	T10
UD50.SP09.310.W32	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		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	SP□□140512	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

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UD25

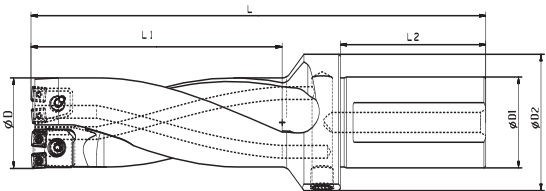


★ 刀具附件 Spare parts

Type 型号	基本尺寸(mm) Dimension						Insert 刀片	备件		
	D	D1	D2	L1	L2	L		螺钉	外刃刀夹	中心刀夹
UD25.SP07.510.530.W50	51	50	75	133	80	250	SP□□07T308	L60M2.5×6.5	UD 07CA.W11	UD 07CA.Z1
	52	50	75	133	80	250		L60M2.5×6.5	UD 07CA.W12	UD 07CA.Z1
	53	50	75	133	80	250		L60M2.5×6.5	UD 07CA.W13	UD 07CA.Z1
UD25.SP07.540.560.W50	54	50	75	140	80	260	SP□□07T308	L60M2.5×6.5	UD 07CA.W21	UD 07CA.Z2
	55	50	75	140	80	260		L60M2.5×6.5	UD 07CA.W22	UD 07CA.Z2
	56	50	75	140	80	260		L60M2.5×6.5	UD 07CA.W23	UD 07CA.Z2
UD25.SP09.570.620.W50	57	50	75	155	80	281	SP□□090408	L60M3.5×8	UD 09CA.W11	UD 09CA.Z1
	58	50	75	155	80	281		L60M3.5×8	UD 09CA.W12	UD 09CA.Z1
	59	50	75	155	80	281		L60M3.5×8	UD 09CA.W13	UD 09CA.Z1
	60	50	75	155	80	281		L60M3.5×8	UD 09CA.W14	UD 09CA.Z1
	61	50	75	155	80	281		L60M3.5×8	UD 09CA.W15	UD 09CA.Z1
	62	50	75	155	80	281		L60M3.5×8	UD 09CA.W16	UD 09CA.Z1
UD25.SP09.630.660.W50	63	50	75	165	80	295	SP□□090408	L60M3.5×8	UD 09CA.W21	UD 09CA.Z2
	64	50	75	165	80	295		L60M3.5×8	UD 09CA.W22	UD 09CA.Z2
	65	50	75	165	80	295		L60M3.5×8	UD 09CA.W23	UD 09CA.Z2
	66	50	75	165	80	295		L60M3.5×8	UD 09CA.W24	UD 09CA.Z2
UD25.SP11.670.730.W50	67	50	75	183	80	320	SP□□110408	L60M4×10	UD 11CA.W11	UD 11CA.Z1
	68	50	75	183	80	320		L60M4×10	UD 11CA.W12	UD 11CA.Z1
	69	50	75	183	80	320		L60M4×10	UD 11CA.W13	UD 11CA.Z1
	70	50	75	183	80	320		L60M4×10	UD 11CA.W14	UD 11CA.Z1
	71	50	75	183	80	320		L60M4×10	UD 11CA.W15	UD 11CA.Z1
	72	50	75	183	80	320		L60M4×10	UD 11CA.W16	UD 11CA.Z1
	73	50	75	183	80	320		L60M4×10	UD 11CA.W17	UD 11CA.Z1
UD25.SP12.740.800.W50	74	50	75	200	80	330	SP□□120408	L60M4×10	UD 12CA.W21	UD 12CA.Z2
	75	50	75	200	80	330		L60M4×10	UD 12CA.W22	UD 12CA.Z2
	76	50	75	200	80	330		L60M4×10	UD 12CA.W23	UD 12CA.Z2
	77	50	75	200	80	330		L60M4×10	UD 12CA.W24	UD 12CA.Z2
	78	50	75	200	80	330		L60M4×10	UD 12CA.W25	UD 12CA.Z2
	79	50	75	200	80	330		L60M4×10	UD 12CA.W26	UD 12CA.Z2
	80	50	75	200	80	330		L60M4×10	UD 12CA.W27	UD 12CA.Z2

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UD35



★ 刀具附件 Spare parts

Type 型号	基本尺寸(mm) Dimension						Insert 刀片	备件		
	D	D1	D2	L1	L2	L		螺钉	外刃刀夹	中心刀夹
UD35.SP07.510.530.W50	51	50	75	186	80	303	SP□□07T308	L60M2.5×6.5	UD 07CA.W11	UD 07CA.Z1
	52	50	75	186	80	303		L60M2.5×6.5	UD 07CA.W12	UD 07CA.Z1
	53	50	75	186	80	303		L60M2.5×6.5	UD 07CA.W13	UD 07CA.Z1
UD35.SP07.540.560.W50	54	50	75	196	80	316	SP□□07T308	L60M2.5×6.5	UD 07CA.W21	UD 07CA.Z2
	55	50	75	196	80	316		L60M2.5×6.5	UD 07CA.W22	UD 07CA.Z2
	56	50	75	196	80	316		L60M2.5×6.5	UD 07CA.W23	UD 07CA.Z2
UD35.SP09.570.620.W50	57	50	75	217	80	343	SP□□090408	L60M3.5×8	UD 09CA.W11	UD 09CA.Z1
	58	50	75	217	80	343		L60M3.5×8	UD 09CA.W12	UD 09CA.Z1
	59	50	75	217	80	343		L60M3.5×8	UD 09CA.W13	UD 09CA.Z1
	60	50	75	217	80	343		L60M3.5×8	UD 09CA.W14	UD 09CA.Z1
	61	50	75	217	80	343		L60M3.5×8	UD 09CA.W15	UD 09CA.Z1
	62	50	75	217	80	343		L60M3.5×8	UD 09CA.W16	UD 09CA.Z1
UD35.SP09.630.660.W50	63	50	75	231	80	361	SP□□090408	L60M3.5×8	UD 09CA.W21	UD 09CA.Z2
	64	50	75	231	80	361		L60M3.5×8	UD 09CA.W22	UD 09CA.Z2
	65	50	75	231	80	361		L60M3.5×8	UD 09CA.W23	UD 09CA.Z2
	66	50	75	231	80	361		L60M3.5×8	UD 09CA.W24	UD 09CA.Z2
UD35.SP11.670.730.W50	67	50	75	256	80	393	SP□□110408	L60M4×10	UD 11CA.W11	UD 11CA.Z1
	68	50	75	256	80	393		L60M4×10	UD 11CA.W12	UD 11CA.Z1
	69	50	75	256	80	393		L60M4×10	UD 11CA.W13	UD 11CA.Z1
	70	50	75	256	80	393		L60M4×10	UD 11CA.W14	UD 11CA.Z1
	71	50	75	256	80	393		L60M4×10	UD 11CA.W15	UD 11CA.Z1
	72	50	75	256	80	393		L60M4×10	UD 11CA.W16	UD 11CA.Z1
	73	50	75	256	80	393		L60M4×10	UD 11CA.W17	UD 11CA.Z1
UD35.SP12.740.800.W50	74	50	75	280	80	410	SP□□120408	L60M4×10	UD 12CA.W21	UD 12CA.Z2
	75	50	75	280	80	410		L60M4×10	UD 12CA.W22	UD 12CA.Z2
	76	50	75	280	80	410		L60M4×10	UD 12CA.W23	UD 12CA.Z2
	77	50	75	280	80	410		L60M4×10	UD 12CA.W24	UD 12CA.Z2
	78	50	75	280	80	410		L60M4×10	UD 12CA.W25	UD 12CA.Z2
	79	50	75	280	80	410		L60M4×10	UD 12CA.W26	UD 12CA.Z2
	80	50	75	280	80	410		L60M4×10	UD 12CA.W27	UD 12CA.Z2

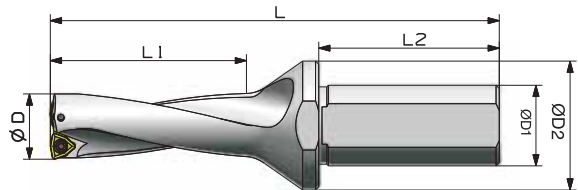
钻削刀具 | DRILLING TOOLS

孔加工刀具 Hole-machining Tools

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
	UD30.WC06.410.W40	41	40	60	128	70	234
WC08	UD03.WC08.420.W40	42	40	60	131	70	239
	UD03.WC08.430.W40	43	40	60	134	70	242
	UD03.WC08.440.W40	44	40	60	137	70	245
	UD03.WC08.450.W40	45	40	60	140	70	248
	UD03.WC08.460.W40	46	40	60	143	70	251
	UD03.WC08.470.W40	47	40	60	146	70	253
	UD03.WC08.480.W40	48	40	70	149	70	255
	UD03.WC08.490.W40	49	40	70	152	70	257
	UD03.WC08.500.W40	50	40	70	155	70	259
	UD03.WC08.510.W40	51	40	70	158	70	261
	UD03.WC08.520.W40	52	40	70	161	70	263
	UD03.WC08.530.W40	53	40	70	164	70	265
	UD03.WC08.540.W40	54	40	70	167	70	267
	UD03.WC08.550.W40	55	40	70	170	70	269
	UD03.WC08.560.W40	56	40	70	173	70	271
	UD03.WC08.570.W40	57	40	70	176	70	273
	UD03.WC08.580.W40	58	40	70	179	70	275

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
低碳合金钢 Low alloy steel	150-220	0.06-0.12	0.08-0.14	0.10-0.18	0.12-0.22	0.12-0.23	0.13-0.24	0.08-0.15	0.10-0.18	0.10-0.18	0.10-0.18
高碳合金钢 High alloy steel	130-180	0.06-0.10	0.08-0.15	0.10-0.20	0.12-0.23	0.12-0.24	0.13-0.25	0.08-0.15	0.10-0.15	0.10-0.15	0.10-0.15
不锈钢 Stainless steel	170-240	0.05-0.10	0.06-0.12	0.08-0.15	0.09-0.16	0.10-0.17	0.11-0.19	0.06-0.12	0.08-0.15	0.18-0.15	0.08-0.15
铸铁 Cast iron	180-250	0.06-0.12	0.08-0.16	0.12-0.20	0.15-0.25	0.16-0.28	0.18-0.30	0.12-0.20	0.15-0.22	0.15-0.22	0.15-0.22
球墨铸铁 Nodular cast iron	130-200	0.06-0.10	0.08-0.15	0.10-0.18	0.12-0.20	0.15-0.23	0.16-0.25	0.10-0.15	0.10-0.20	0.10-0.20	0.10-0.20
铝合金 Aluminum alloy	330-380	0.06-0.14	0.08-0.15	0.10-0.20	0.12-0.22	0.14-0.23	0.15-0.26	0.15-0.22	0.15-0.25	0.15-0.25	0.15-0.25
钛合金 Titanium alloy	30-60	0.05-0.10	0.06-0.14	0.08-0.18	0.10-0.22	0.14-0.23	0.15-0.24	0.10-0.15	0.12-0.16	0.12-0.16	0.12-0.16

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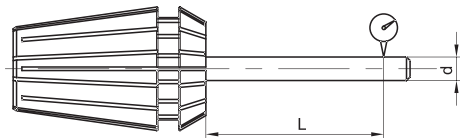
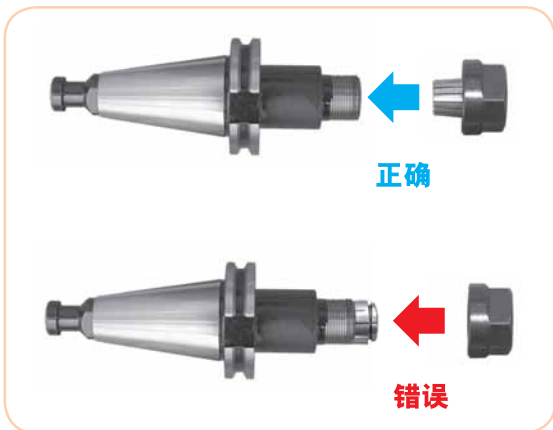
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■ 弹簧夹头刀柄



安装方法

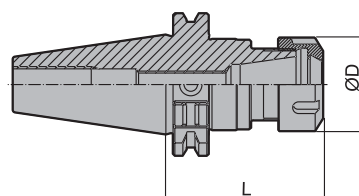


ER-A和ER-UP卡簧跳动对照表

夹持范围(mm)		最大跳动值(mm)		
d	L	DIN6499/ISO15488 From B	ER-A	ER-UP
1.0~1.6	6.0	0.015	0.010	0.005
1.6~3.0	10.0			
3.0~6.0	16.0			
6.0~10.0	25.0			
10.0~18.0	40.0	0.020	0.010	0.005
18.0~26.0	50.0			
26.0~34.0	60.0	0.025	0.015	0.010

注：ER-A和ER-UP卡簧的最大跳动值均小于DIN6499/ISO15488中规定的最大跳动值！

■ 弹簧夹头刀柄(JT)



型号	锥度号	基本尺寸(mm)		标准配置	选购附件					重量(kg)
		ØD	L	螺母	精密级卡簧	高精密级卡簧	机械式密封卡簧	攻丝卡簧	扳手	
JT30-ER16-70H	30	28	70	Hi-Q/ER16	ER16-□□A	ER16-□□UP	ER16-□□DM	ER16-□□GB	E16P	0.50
JT30-ER16-100H	30	28	100	Hi-Q/ER16	ER16-□□A	ER16-□□UP	ER16-□□DM	ER16-□□GB	E16P	0.61
JT30-ER25-60H	30	42	60	Hi-Q/ER25	ER25-□□A	ER25-□□UP	ER25-□□DM	ER25-□□GB	E25	0.51
JT40-ER11-100H	40	19	100	Hi-Q/ER11	ER11-□□A	ER11-□□UP	ER11-□□DM	ER11-□□GB	E11P	1.04
JT40-ER16-70H	40	28	70	Hi-Q/ER16	ER16-□□A	ER16-□□UP	ER16-□□DM	ER16-□□GB	E16P	1.07
JT40-ER16-100H	40	28	100	Hi-Q/ER16	ER16-□□A	ER16-□□UP	ER16-□□DM	ER16-□□GB	E16P	1.18
JT40-ER16-160H	40	28	160	Hi-Q/ER16	ER16-□□A	ER16-□□UP	ER16-□□DM	ER16-□□GB	E16P	1.36
JT40-ER20-70H	40	34	70	Hi-Q/ER20	ER20-□□A	ER20-□□UP	ER20-□□DM	ER20-□□GB	E20P	1.07
JT40-ER20-100H	40	34	100	Hi-Q/ER20	ER20-□□A	ER20-□□UP	ER20-□□DM	ER20-□□GB	E20P	1.17
JT40-ER25-70H	40	42	70	Hi-Q/ER25	ER25-□□A	ER25-□□UP	ER25-□□DM	ER25-□□GB	E25	1.15
JT40-ER25-100H	40	42	100	Hi-Q/ER25	ER25-□□A	ER25-□□UP	ER25-□□DM	ER25-□□GB	E25	1.40
JT40-ER25-160H	40	42	160	Hi-Q/ER25	ER25-□□A	ER25-□□UP	ER25-□□DM	ER25-□□GB	E25	1.55
JT40-ER32-70H	40	50	70	Hi-Q/ER32	ER32-□□A	ER32-□□UP	ER32-□□DM	ER32-□□GB	E32	1.17
JT40-ER32-100H	40	50	100	Hi-Q/ER32	ER32-□□A	ER32-□□UP	ER32-□□DM	ER32-□□GB	E32	1.43
JT40-ER32-160H	40	50	160	Hi-Q/ER32	ER32-□□A	ER32-□□UP	ER32-□□DM	ER32-□□GB	E32	1.81
JT40-ER40-80H	40	63	80	Hi-Q/ER40	ER40-□□A	ER40-□□UP	ER40-□□DM	ER40-□□GB	E40	1.41
JT40-ER40-100H	40	63	100	Hi-Q/ER40	ER40-□□A	ER40-□□UP	ER40-□□DM	ER40-□□GB	E40	1.70
JT40-ER40-160H	40	63	160	Hi-Q/ER40	ER40-□□A	ER40-□□UP	ER40-□□DM	ER40-□□GB	E40	2.55

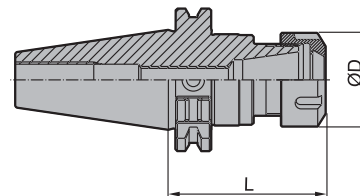
★ 刀具附件 Spare parts

附件名	精密级卡簧	高精密级卡簧	机械式密封卡簧	攻丝卡簧	扳手
					

工具系统 | TOOL SYSTEM

弹簧夹头刀柄 Collet chck arbore

■ 弹簧夹头刀柄(JT)

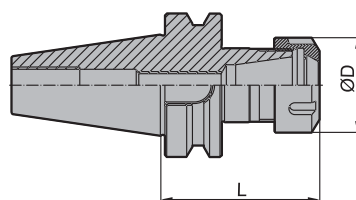


型号	锥度号	基本尺寸(mm)		标准配置	选购附件					重量(kg)
		ØD	L	螺母	精密级卡簧	高精密级卡簧	机械式密封卡簧	攻丝卡簧	扳手	
JT50-ER16-100H	50	28	100	Hi-Q/ER16	ER16-□□A	ER16-□□UP	ER16-□□DM	ER16-□□GB	E16P	3.18
JT50-ER16-160H	50	28	160	Hi-Q/ER16	ER16-□□A	ER16-□□UP	ER16-□□DM	ER16-□□GB	E16P	3.47
JT50-ER20-70H	50	34	70	Hi-Q/ER20	ER20-□□A	ER20-□□UP	ER20-□□DM	ER20-□□GB	E20P	3.30
JT50-ER20-100H	50	34	100	Hi-Q/ER20	ER20-□□A	ER20-□□UP	ER20-□□DM	ER20-□□GB	E20P	3.45
JT50-ER32-100H	50	50	100	Hi-Q/ER32	ER32-□□A	ER32-□□UP	ER32-□□DM	ER32-□□GB	E32	3.36
JT50-ER32-160H	50	50	160	Hi-Q/ER32	ER32-□□A	ER32-□□UP	ER32-□□DM	ER32-□□GB	E32	4.25
JT50-ER40-100H	50	63	100	Hi-Q/ER40	ER40-□□A	ER40-□□UP	ER40-□□DM	ER40-□□GB	E40	3.62
JT50-ER40-160H	50	63	160	Hi-Q/ER40	ER40-□□A	ER40-□□UP	ER40-□□DM	ER40-□□GB	E40	4.20

★ 刀具附件 Spare parts

附件名	精密级卡簧	高精密级卡簧	机械式密封卡簧	攻丝卡簧	扳手

■ 弹簧夹头刀柄(BT)



型号	锥度号	基本尺寸(mm)		标准配置	选购附件					重量(kg)
		ØD	L	螺母	精密级卡簧	高精密级卡簧	机械式密封卡簧	攻丝卡簧	扳手	
BT30-ER16-80H	30	28	80	Hi-Q/ER16	ER16-□□A	ER16-□□UP	ER16-□□DM	ER16-□□GB	E16P	0.57
BT30-ER16-100H	30	28	100	Hi-Q/ER16	ER16-□□A	ER16-□□UP	ER16-□□DM	ER16-□□GB	E16P	0.67
BT30-ER20-70H	30	34	70	Hi-Q/ER20	ER20-□□A	ER20-□□UP	ER20-□□DM	ER20-□□GB	E20P	0.57
BT30-ER20-100H	30	34	100	Hi-Q/ER20	ER20-□□A	ER20-□□UP	ER20-□□DM	ER20-□□GB	E20P	0.75
BT30-ER25-60H	30	42	62.5	Hi-Q/ER25	ER25-□□A	ER25-□□UP	ER25-□□DM	ER25-□□GB	E25	0.57
BT30-ER25-100H	30	42	100	Hi-Q/ER25	ER25-□□A	ER25-□□UP	ER25-□□DM	ER25-□□GB	E25	0.79
BT40-ER11-100H	40	19	100	Hi-Q/ER11	ER11-□□A	ER11-□□UP	ER11-□□DM	ER11-□□GB	E11P	1.16
BT40-ER16-70H	40	28	70	Hi-Q/ER16	ER16-□□A	ER16-□□UP	ER16-□□DM	ER16-□□GB	E16P	1.12
BT40-ER16-100H	40	28	100	Hi-Q/ER16	ER16-□□A	ER16-□□UP	ER16-□□DM	ER16-□□GB	E16P	1.24
BT40-ER16-160H	40	28	160	Hi-Q/ER16	ER16-□□A	ER16-□□UP	ER16-□□DM	ER16-□□GB	E16P	1.33
BT40-ER20-70H	40	34	70	Hi-Q/ER20	ER20-□□A	ER20-□□UP	ER20-□□DM	ER20-□□GB	E20P	1.13
BT40-ER20-100H	40	34	100	Hi-Q/ER20	ER20-□□A	ER20-□□UP	ER20-□□DM	ER20-□□GB	E20P	1.22
BT40-ER20-160H	40	34	160	Hi-Q/ER20	ER20-□□A	ER20-□□UP	ER20-□□DM	ER20-□□GB	E20P	1.74
BT40-ER25-70H	40	42	70	Hi-Q/ER25	ER25-□□A	ER25-□□UP	ER25-□□DM	ER25-□□GB	E25	1.20
BT40-ER25-100H	40	42	100	Hi-Q/ER25	ER25-□□A	ER25-□□UP	ER25-□□DM	ER25-□□GB	E25	1.49
BT40-ER25-160H	40	42	160	Hi-Q/ER25	ER25-□□A	ER25-□□UP	ER25-□□DM	ER25-□□GB	E25	1.54
BT40-ER32-70H	40	50	70	Hi-Q/ER32	ER32-□□A	ER32-□□UP	ER32-□□DM	ER32-□□GB	E32	1.25
BT40-ER32-100H	40	50	100	Hi-Q/ER32	ER32-□□A	ER32-□□UP	ER32-□□DM	ER32-□□GB	E32	1.53
BT40-ER32-160H	40	50	160	Hi-Q/ER32	ER32-□□A	ER32-□□UP	ER32-□□DM	ER32-□□GB	E32	1.74
BT40-ER40-80H	40	63	80	Hi-Q/ER40	ER40-□□A	ER40-□□UP	ER40-□□DM	ER40-□□GB	E40	1.46
BT40-ER40-100H	40	63	100	Hi-Q/ER40	ER40-□□A	ER40-□□UP	ER40-□□DM	ER40-□□GB	E40	1.79
BT40-ER40-160H	40	63	160	Hi-Q/ER40	ER40-□□A	ER40-□□UP	ER40-□□DM	ER40-□□GB	E40	2.66

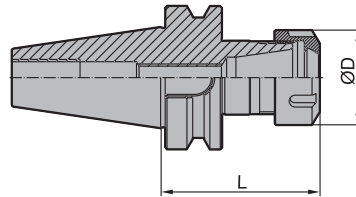
★ 刀具附件 Spare parts

附件名	精密级卡簧	高精密级卡簧	机械式密封卡簧	攻丝卡簧	扳手
					

工具系统 | TOOL SYSTEM

弹簧夹头刀柄 Collet chck arbore

■ 弹簧夹头刀柄(BT)

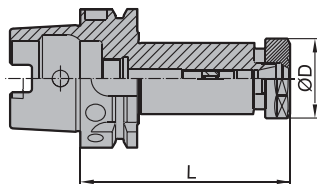


型号	锥度号	基本尺寸(mm)		标准配置	选购附件					重量(kg)
		ØD	L	螺母	精密级卡簧	高精密级卡簧	机械式密封卡簧	攻丝卡簧	扳手	
BT50-ER16-100H	50	28	100	Hi-Q/ER16	ER16-□□A	ER16-□□UP	ER16-□□DM	ER16-□□GB	E16P	3.50
BT50-ER16-160H	50	28	160	Hi-Q/ER16	ER16-□□A	ER16-□□UP	ER16-□□DM	ER16-□□GB	E16P	4.35
BT50-ER20-70H	50	34	70	Hi-Q/ER20	ER20-□□A	ER20-□□UP	ER20-□□DM	ER20-□□GB	E20P	3.60
BT50-ER20-100H	50	34	100	Hi-Q/ER20	ER20-□□A	ER20-□□UP	ER20-□□DM	ER20-□□GB	E20P	3.75
BT50-ER32-100H	50	50	100	Hi-Q/ER32	ER32-□□A	ER32-□□UP	ER32-□□DM	ER32-□□GB	E32	4.20
BT50-ER32-160H	50	50	160	Hi-Q/ER32	ER32-□□A	ER32-□□UP	ER32-□□DM	ER32-□□GB	E32	4.95
BT50-ER40-100H	50	63	100	Hi-Q/ER40	ER40-□□A	ER40-□□UP	ER40-□□DM	ER40-□□GB	E40	4.34
BT50-ER40-160H	50	63	100	Hi-Q/ER40	ER40-□□A	ER40-□□UP	ER40-□□DM	ER40-□□GB	E40	5.15

★ 刀具附件 Spare parts

附件名	精密级卡簧	高精密级卡簧	机械式密封卡簧	攻丝卡簧	扳手

弹簧夹头刀柄(HSK)



型号	基本尺寸(mm)		标准配置	选购附件					重量(kg)
	ØD	L	螺母	精密级卡簧	高精密级卡簧	机械式密封卡簧	攻丝卡簧	扳手	
HSK-A40-ER16-80H	28	80	Hi-Q/ER16	ER16-□□A	ER16-□□UP	ER16-□□DM	ER16-□□GB	E16P	0.35
HSK-A40-ER25-80H	42	80	Hi-Q/ER25	ER25-□□A	ER25-□□UP	ER25-□□DM	ER25-□□GB	E25	0.51
HSK-A50-ER16-100H	28	100	Hi-Q/ER16	ER16-□□A	ER16-□□UP	ER16-□□DM	ER16-□□GB	E16P	0.69
HSK-A50-ER25-80H	42	80	Hi-Q/ER25	ER25-□□A	ER25-□□UP	ER25-□□DM	ER25-□□GB	E25	0.68
HSK-A50-ER32-100H	50	100	Hi-Q/ER32	ER32-□□A	ER32-□□UP	ER32-□□DM	ER32-□□GB	E32	0.93
HSK-A63-ER11-100H	19	100	Hi-Q/ER11	ER11-□□A	ER11-□□UP	ER11-□□DM	ER11-□□GB	E11P	0.88
HSK-A63-ER16-80H	28	80	Hi-Q/ER16	ER16-□□A	ER16-□□UP	ER16-□□DM	ER16-□□GB	E16P	0.87
HSK-A63-ER16-100H	28	100	Hi-Q/ER16	ER16-□□A	ER16-□□UP	ER16-□□DM	ER16-□□GB	E16P	0.96
HSK-A63-ER20-75H	34	75	Hi-Q/ER20	ER20-□□A	ER20-□□UP	ER20-□□DM	ER20-□□GB	E20P	0.80
HSK-A63-ER25-80H	42	80	Hi-Q/ER25	ER25-□□A	ER25-□□UP	ER25-□□DM	ER25-□□GB	E25	0.93
HSK-A63-ER25-160H	42	160	Hi-Q/ER25	ER25-□□A	ER25-□□UP	ER25-□□DM	ER25-□□GB	E25	1.37
HSK-A63-ER32-80H	50	80	Hi-Q/ER32	ER32-□□A	ER32-□□UP	ER32-□□DM	ER32-□□GB	E32	1.04
HSK-A63-ER32-100H	50	100	Hi-Q/ER32	ER32-□□A	ER32-□□UP	ER32-□□DM	ER32-□□GB	E32	1.19
HSK-A63-ER32-160H	50	160	Hi-Q/ER32	ER32-□□A	ER32-□□UP	ER32-□□DM	ER32-□□GB	E32	1.53
HSK-A63-ER40-120H	63	120	Hi-Q/ER40	ER40-□□A	ER40-□□UP	ER40-□□DM	ER40-□□GB	E40	1.80
HSK-A63-ER40-160H	63	160	Hi-Q/ER40	ER40-□□A	ER40-□□UP	ER40-□□DM	ER40-□□GB	E40	2.26

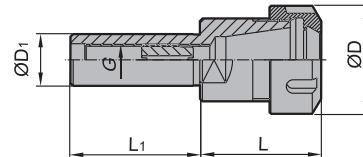
★ 刀具附件 Spare parts

附件名	精密级卡簧	高精密级卡簧	机械式密封卡簧	攻丝卡簧	扳手

工具系统 | TOOL SYSTEM

接长杆 Extension bar

■ 接长杆

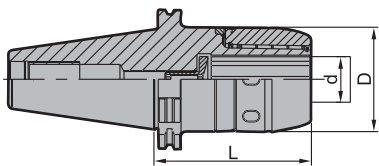


型号	基本尺寸(mm)					标准配置	选购附件	重量 (kg)
	ØD	ØD ₁	L	L ₁	G	螺母	扳手	
G16-ER16-60H	28	16	36.5	60	M8×1	Hi-Q/ER16	E16P	0.18
G20-ER16-50H	28	20	30.5	50	M12×1	Hi-Q/ER16	E16P	0.18
G20-ER16-100H	28	20	30.5	100	M12×1	Hi-Q/ER16	E16P	0.26
G20-ER25-50H	42	20	47.0	50	M12×1	Hi-Q/ER25	E25	0.33
G20-ER25-100H	42	20	47.0	100	M12×1	Hi-Q/ER25	E25	0.42
G25-ER25-50H	42	25	47.0	50	M18×1	Hi-Q/ER25	E25	0.37
G25-ER25-100H	42	25	47.0	100	M18×1	Hi-Q/ER25	E25	0.47
G25-ER32-50H	50	25	54.0	50	M18×1.5	Hi-Q/ER32	E32	0.51

★ 刀具附件 Spare parts

附件名	精密级卡簧	高精密级卡簧	机械式密封卡簧	攻丝卡簧	扳手

强力铣夹头刀柄(JT)



型号	锥度号	基本尺寸(mm)			直筒夹套	板手
		d	D	L		
JT40-ZC20-110L	40	20	58	110	ZC20L-	WZC20-L
JT40-ZC20-160L				160		
JT50-ZC20-110L	50			110		
JT50-ZC20-160L				160		
JT40-ZC25-110L	40	25	65	110	ZC25L-	WZC25-L
JT40-ZC25-160L				160		
JT50-ZC25-110L	50			110		
JT50-ZC25-160L				160		
JT40-ZC32-110L	40	32	73	110	ZC32L-	WZC32-L
JT50-ZC32-110L	50			110		
JT50-ZC32-160L				160		
JT60-ZC32-130L	60			130		
JT50-ZC40-120L	50	40	88	120	ZC40L-	WZC40-L
JT50-ZC40-160L				160		
JT60-ZC40-130L	60			130		
JT50-ZC50-140L	50	50	105	140	ZC50L-	WZC50-L
JT60-ZC50-140L	60			140		

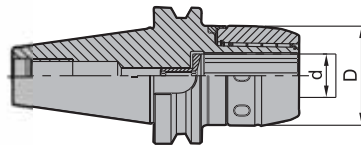
★ 刀具附件 Spare parts

	直筒夹套	扳手
附件名		

工具系统 | TOOL SYSTEM

强力铣夹头刀柄 Power milling chuck arbors

■ 强力铣夹头刀柄(BT)

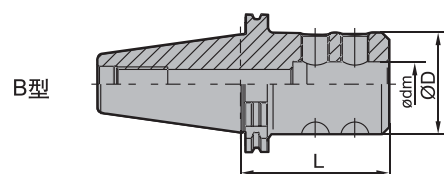
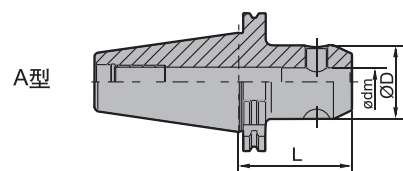


型号	锥度号	基本尺寸(mm)			直筒夹套	扳手
		d	D	L		
BT40-ZC20-110L	40	20	58	110	ZC20L-	WZC20-L
BT40-ZC20-160L				160		
BT50-ZC20-110L	50	20	58	110	ZC20L-	WZC20-L
BT50-ZC20-160L				160		
BT40-ZC25-110L	40	25	65	110	ZC25L-	WZC25-L
BT40-ZC25-160L				160		
BT50-ZC25-110L	50	25	65	110	ZC25L-	WZC25-L
BT50-ZC25-160L				160		
BT40-ZC32-110L	40	32	73	110	ZC32L-	WZC32-L
BT50-ZC32-110L				110		
BT50-ZC32-160L	50	32	73	160	ZC32L-	WZC32-L
BT60-ZC32-130L				130		
BT50-ZC40-120L	50	40	88	120	ZC40L-	WZC40-L
BT50-ZC40-160L				160		
BT60-ZC40-130L	60	40	88	130	ZC40L-	WZC40-L
BT50-ZC50-140L				140		
BT60-ZC50-140L	60	50	105	140	ZC50L-	WZC50-L

★ 刀具附件 Spare parts

附件名	直筒夹套	扳手

侧固式刀柄(JT)



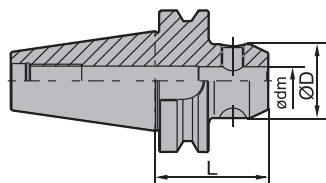
型号	锥度号	夹持柄径 ødm	基本尺寸(mm)		标准配置		型式	重量 (kg)
			ØD	L	螺钉  (GB77-85)	扳手 		
JT30-XP12-50	30	12	42	50	M12×16	WH60L	A	0.60
JT30-XP16-75	30	16	48	75	M14×16	WH60L	A	0.80
JT30-XP20-75	30	20	52	75	M16×16	WH80L	A	0.98
JT40-XP12-50	40	12	42	50	M12×16	WH60L	A	1.10
JT40-XP16-63	40	16	48	63	M14×16	WH60L	A	1.30
JT40-XP20-63	40	20	52	63	M16×16	WH80L	A	1.30
JT40-XP25-100	40	25	65	100	M18(×2)×20	WH100L	B	2.30
JT40-XP32-100	40	32	72	100	M20(×2)×20	WH100L	B	2.50
JT50-XP12-63	50	12	42	63	M12×16	WH60L	A	3.00
JT50-XP16-63	50	16	48	63	M14×16	WH60L	A	3.00
JT50-XP20-63	50	20	52	63	M16×16	WH80L	A	3.10
JT50-XP25-100	50	25	65	100	M18(×2)×20	WH100L	B	4.20
JT50-XP32-100	50	32	72	100	M20(×2)×20	WH100L	B	4.50
JT50-XP40-100	50	40	80	100	M20(×2)×20	WH100L	B	4.70
JT60-XP25-100	60	25	65	100	M18x(2)x16	WH100L	B	12.76
JT60-XP32-100	60	32	72	100	M20x(2)x20	WH100L	B	12.96
JT60-XP40-115	60	40	80	115	M20x(2)x20	WH100L	B	13.88
JT60-XP50-125	60	50	90	125	M24x(2)x20	WH120L	B	14.61
JT60-XP63-150	60	63	120	150	M24x(2)x20	WH120L	B	19.65

侧固式刀柄(BT)

A型



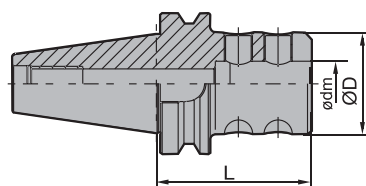
A型



B型

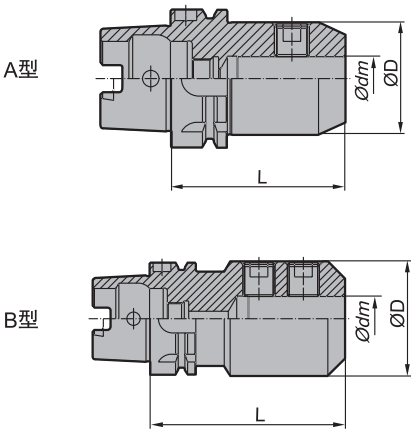


B型



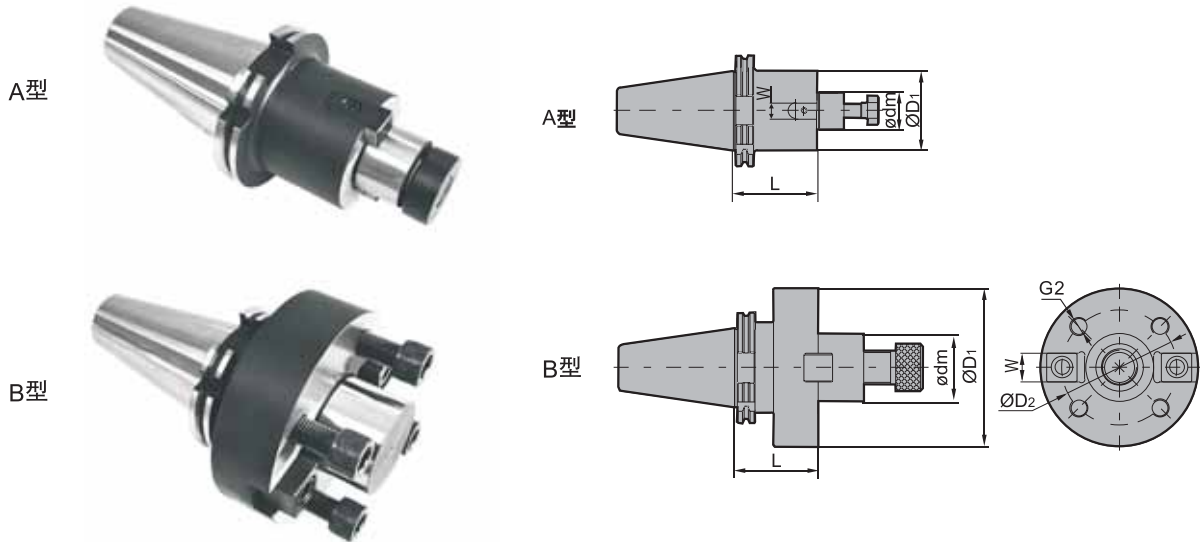
型号	锥度号	夹持柄径 ødm	基本尺寸(mm)		标准配置		型式	重量 (kg)
			ØD	L	螺钉  (GB77-85)	扳手 		
BT30-XP12-50	30	12	42	50	M12×16	WH60L	A	0.67
BT30-XP16-75	30	16	48	75	M14×16	WH60L	A	0.92
BT30-XP20-75	30	20	52	75	M16×16	WH80L	A	1.07
BT40-XP12-63	40	12	42	63	M12×16	WH60L	A	1.30
BT40-XP16-63	40	16	48	63	M14×16	WH60L	A	1.40
BT40-XP20-63	40	20	52	63	M16×16	WH80L	A	1.40
BT40-XP25-90	40	25	65	90	M18(×2)×20	WH100L	B	2.20
BT40-XP32-100	40	32	72	100	M20(×2)×20	WH100L	B	2.70
BT50-XP12-80	50	12	42	80	M12×16	WH60L	A	4.00
BT50-XP16-80	50	16	48	80	M14×16	WH60L	A	4.00
BT50-XP20-80	50	20	52	80	M16×16	WH80L	A	4.10
BT50-XP25-100	50	25	65	100	M18(×2)×20	WH100L	B	4.70
BT50-XP25-165	50	25	65	165	M18(×2)×20	WH100L	B	4.95
BT50-XP32-105	50	32	72	105	M20(×2)×20	WH100L	B	5.10
BT50-XP32-165	50	32	72	165	M20(×2)×20	WH100L	B	6.08
BT50-XP40-125	50	40	80	125	M20(×2)×20	WH100L	B	6.45
BT60-XP25-110	60	25	65	110	M18x(2)x16	WH100L	B	16.32
BT60-XP32-125	60	32	72	125	M20x(2)x20	WH100L	B	15.52
BT60-XP40-125	60	40	80	125	M20x(2)x20	WH100L	B	17.44
BT60-XP50-150	60	50	90	150	M24x(2)x20	WH120L	B	18.17
BT60-XP63-180	60	63	120	180	M24x(2)x20	WH120L	B	23.21

侧固式刀柄(HSK)



型号	夹持柄径 Ødm	基本尺寸(mm)		标准配置	型式	重量 (kg)
		ØD	L	扳手		
HSK-A40-XP12-70	12	42	70	WH40L	A	0.61
HSK-A40-XP16-75	16	48	75	WH40L	A	0.64
HSK-A50-XP12-80	12	42	80	WH50L	A	0.90
HSK-A50-XP16-80	16	48	80	WH50L	A	0.97
HSK-A50-XP20-80	20	52	80	WH50L	A	1.68
HSK-A63-XP12-80	12	42	80	WH63L	A	1.15
HSK-A63-XP16-80	16	48	80	WH63L	A	1.29
HSK-A63-XP20-80	20	52	80	WH63L	A	1.36
HSK-A63-XP25-110	25	65	110	WH63L	B	2.29
HSK-A63-XP32-110	32	72	110	WH63L	B	2.58

■ 套式铣刀柄(JT)



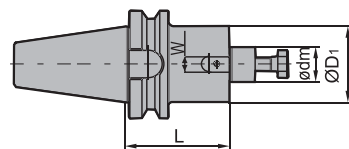
型号	锥度号	定位轴径 Ødm	基本尺寸(mm)				标准配置						型式	重量 (kg)
							螺钉 G1	垫片	螺钉G2 (GB70-85)	扳手	键	螺钉G3 (GB70-85)		
			ØD1	L	ØD2	W 键宽								
JT30-XM22-45	30	22	45	45	-	10	LDZ22	-	-	WH80L	CJ10	M4X12	A	1.20
JT30-XM27-60	30	27	60	60	-	12	LDZ27	DZ27	-	WH80L	CJ12	M4X12	A	1.25
JT40-XM22-75	40	22	45	75	-	10	LDZ22	-	-	WH80L	CJ10	M4X12	A	1.49
JT40-XM27-75	40	27	60	75	-	12	LDZ27	DZ27	-	WH100L	CJ12	M4X12	A	1.86
JT40-XM32-75	40	32	70	75	-	14	LDZ32	DZ32	-	WH100L	CJ14	M5X15	A	2.22
JT40-XM40-60	40	40	100	60	66.7	16	LDZ40	DZ40	M12×40	WH100L	CJ16	M5X16	B	2.40
										WH170L				
JT50-XM22-75	50	22	50	75	-	10	LDZ22	-	-	WH80L	CJ10	M4X12	A	3.30
JT50-XM27-75	50	27	60	75	-	12	LDZ27	DZ27	-	WH100L	CJ12	M4X12	A	3.66
JT50-XM32-75	50	32	70	75	-	14	LDZ32	DZ32	-	WH100L	CJ14	M5X15	A	3.84
JT50-XM40-75	50	40	100	75	66.7	16	LDZ40	DZ40	M12×40	WH100L	CJ16	M5X16	B	5.90
										WH170L				
JT50-XM60-75	50	60	137	75	101.6	25.4	-	-	M16×45	WH140L	CJ25.4	M12X25	B	6.10
JT60-XM32-75	60	32	70	75	-	14	LDZ32	DZ32	-	WH140L	CJ14	M5x15	A	13.19
JT60-XM40-90	60	40	70	90	-	16	LDZ40	DZ40	-	WH170L	CJ16	M5x20	A	14.70
JT60-XM50-120	60	50	90	120	-	18	LDZ50	-	-	WH190L	CJ18	M6x25	A	14.80
JT60-XM40-75	60	40	90	75	66.7	16	LDZ40	DZ40	M12x45	WH170L	CJ16	M5x15	B	21.80
										WH100L				
JT60-XM60-75	60	60	140	75	101.6	25.4	-	-	M16x45	WH140L	CJ25.4	M12x25	B	21.50

套式铣刀柄(BT)

A型



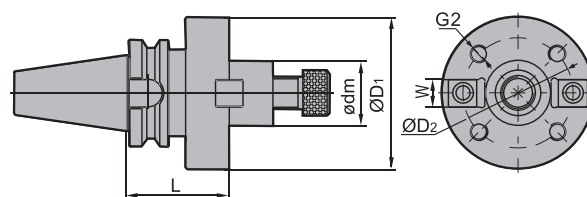
A型



B型



B型

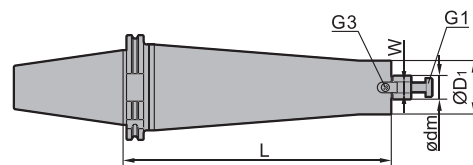


型号	锥度号	定位轴径 Ødm	基本尺寸(mm)				标准配置						型式	重量 (kg)
							螺钉 G1	垫片	螺钉G2 (GB70-85)	扳手	键	螺钉G3 (GB70-85)		
			ØD1	L	ØD2	W 键宽								
BT30-XM22-45	30	22	45	45	-	10	LDZ22	-	-	WH80L	CJ10	M4X12	A	1.35
BT30-XM27-45	30	27	60	45	-	12	LDZ27	DZ27	-	WH100L	CJ12	M4X12	A	1.40
BT40-XM22-75	40	22	50	75	-	10	LDZ22	-	-	WH80L	CJ10	M4X12	A	1.49
BT40-XM27-75	40	27	60	75	-	12	LDZ27	DZ27	-	WH100L	CJ12	M4X12	A	1.86
BT40-XM32-75	40	32	70	75	-	14	LDZ32	DZ32	-	WH100L	CJ14	M5X15	A	2.22
BT40-XM40-50	40	40	100	50	66.7	16	LDZ40	DZ40	M12×40	WH100L	CJ16	M5X16	B	2.00
										WH170L				
BT50-XM22-75	50	22	50	75	-	10	LDZ22	-	-	WH80L	CJ10	M4X12	A	3.30
BT50-XM27-75	50	27	60	75	-	12	LDZ27	DZ27	-	WH100L	CJ12	M4X12	A	3.66
BT50-XM32-75	50	32	70	75	-	14	LDZ32	DZ32	-	WH100L	CJ14	M5X15	A	3.84
BT50-XM40-75	50	40	100	75	66.7	16	LDZ40	DZ40	M12×40	WH100L	CJ16	M5X16	B	5.36
										WH170L				
BT50-XM60-75	50	60	137	75	101.6	25.4	-	-	M16×45	WH140L	CJ25.4	M12X25	B	8.60
BT60-XM32-75	60	32	70	75	-	14	LDZ32	DZ32	-	WH140L	CJ14	M5x15	A	16.75
BT60-XM40-90	60	40	70	90	-	16	LDZ40	DZ40	-	WH170L	CJ16	M5x20	A	18.27
BT60-XM50-120	60	50	90	120	-	18	LDZ50	-	-	WH190L	CJ18	M6x25	A	18.36
BT60-XM40-75	60	40	90	75	66.7	16	LDZ40	DZ40	M12x45	WH170L	CJ16	M5x16	B	25.36
										WH100L				
BT60-XM60-75	60	60	140	75	101.6	25.4	-	-	M16x45	WH140L	CJ25.4	M12x25	B	25.06

工具系统 | TOOL SYSTEM

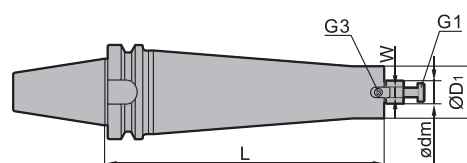
套式铣刀柄 Shell end mill arbors

■ 加长型套式铣刀柄(JT)



型号	锥度号	定位轴径 ødm	基本尺寸(mm)			标准配置				重量 (kg)
						螺钉 G1	扳手	键	螺钉G3 (GB70-85)	
			ØD1	L	W 键宽					
JT40-XM22-120	40	22	45	120	10	LDZ22	WH80L	CJ10	M4X12	2.30
JT40-XM22-150	40	22	45	150	10	LDZ22	WH80L	CJ10	M4X12	2.50
JT40-XM22-200	40	22	45	200	10	LDZ22	WH80L	CJ10	M4X12	4.35
JT50-XM22-120	50	22	45	120	10	LDZ22	WH80L	CJ10	M4X12	6.35
JT50-XM22-150	50	22	45	150	10	LDZ22	WH80L	CJ10	M4X12	6.80
JT50-XM22-200	50	22	45	200	10	LDZ22	WH80L	CJ10	M4X12	7.45
JT50-XM22-250	50	22	45	250	10	LDZ22	WH80L	CJ10	M4X12	7.80

■ 加长型套式铣刀柄(BT)

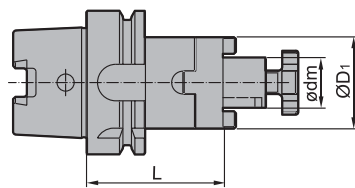


型号	锥度号	定位轴径 Ødm	基本尺寸(mm)			标准配置				重量 (kg)
						螺钉 G1	扳手	键	螺钉G3 (GB70-85)	
BT40-XM22-120	40	22	50	120	10					2.43
BT40-XM22-150	40	22	50	150	10	LDZ22	WH80L	CJ10	M4X12	2.65
BT40-XM22-200	40	22	50	200	10	LDZ22	WH80L	CJ10	M4X12	4.50
BT50-XM22-120	50	22	50	120	10	LDZ22	WH80L	CJ10	M4X12	6.55
BT50-XM22-150	50	22	50	150	10	LDZ22	WH80L	CJ10	M4X12	6.90
BT50-XM22-200	50	22	50	200	10	LDZ22	WH80L	CJ10	M4X12	7.55
BT50-XM22-250	50	22	50	250	10	LDZ22	WH80L	CJ10	M4X12	8.15
BT50-XM32-200	50	32	70	200	14	LDZ32	WH100L	CJ14	M5X15	7.85

工具系统 | TOOL SYSTEM

套式铣刀柄 Shell end mill arbors

■ 套式铣刀柄(HSK)



型号	定位轴径 $\varnothing dm$	基本尺寸(mm)		选购附件	重量 (kg)
		$\varnothing D_1$	L	扳手	
HSK-A40-XM22-50	22	40	50	FDS22	0.61
HSK-A50-XM22-50	22	40	50	FDS22	0.73
HSK-A50-XM27-65	27	48	65	FDS27	1.03
HSK-A50-XM32-65	32	58	65	FDS32	1.22
HSK-A63-XM22-60	22	40	60	FDS22	1.08
HSK-A63-XM27-60	27	48	60	FDS27	1.28
HSK-A63-XM32-60	32	58	60	FDS32	1.52
HSK-A63-XM40-70	40	70	70	FDS40	2.15

★ 刀具附件 Spare parts

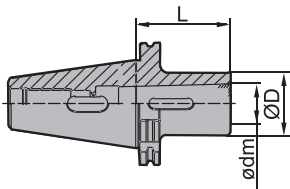
附件名	扳手

有扁尾莫氏锥柄(JT)

A型



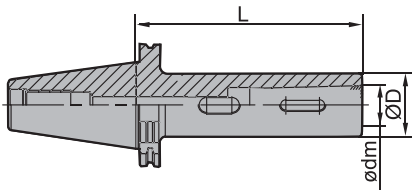
A型



B型



B型



型号	锥度号	莫氏圆锥孔	对应安装钻头直径(mm)	基本尺寸(mm)			型式	重量(kg)
				ØD	Ødm	L		
JT40-M1-50	40	MT1	3-14	25	12.065	50	A	0.90
JT40-M1-120	40	MT1	3-14	25	12.065	120	B	1.20
JT40-M2-50	40	MT2	14-23	32	17.78	50	A	0.90
JT40-M2-120	40	MT2	14-23	32	17.78	120	B	1.60
JT40-M3-70	40	MT3	23-32	40	23.825	70	A	1.10
JT40-M3-135	40	MT3	23-32	40	23.825	135	B	2.20
JT40-M4-95	40	MT4	32-50	63	31.267	95	A	1.90
JT40-M4-165	40	MT4	32-50	63	31.267	165	B	2.80
JT50-M1-45	50	MT1	3-14	25	12.065	45	A	2.70
JT50-M1-120	50	MT1	3-14	25	12.065	120	B	4.50
JT50-M1-180	50	MT1	3-14	25	12.065	180	B	4.72
JT50-M2-60	50	MT2	14-23	32	17.78	60	A	2.70
JT50-M2-135	50	MT2	14-23	32	17.78	135	B	3.70
JT50-M2-180	50	MT2	14-23	32	17.78	180	B	3.96
JT50-M3-65	50	MT3	23-32	40	23.825	65	A	2.80
JT50-M3-150	50	MT3	23-32	40	23.825	150	B	4.30
JT50-M3-180	50	MT3	23-32	40	23.825	180	B	4.56
JT50-M4-95	50	MT4	32-50	48	31.267	95	A	3.10
JT50-M4-180	50	MT4	32-50	48	31.267	180	B	5.40
JT50-M5-105	50	MT5	50-75	63	44.399	105	A	3.20
JT60-M3-190	60	MT3	23-32	40	23.825	190	B	10.10
JT60-M3-250	60	MT3	23-32			250		10.30
JT60-M4-210	60	MT4	32-50	50	31.267	210		10.60
JT60-M4-270	60	MT4	32-50			270		10.80
JT60-M5-240	60	MT5	50-75	63	44.399	240	B	12.40
JT60-M5-300	60	MT5	50-75			300		13.00
JT60-M6-170	60	MT6	77-100	90	63.348	170	A	12.50
JT60-M6-310	60	MT6	77-100			310	B	15.40

工具系统 | TOOL SYSTEM

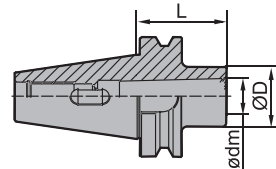
有扁尾莫氏锥柄 Morse taper with tang

有扁尾莫氏锥柄(BT)

A型



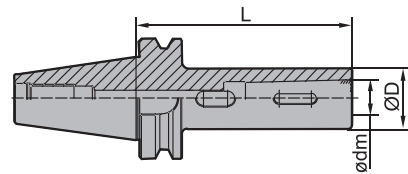
A型



B型

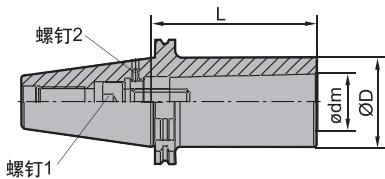


B型



型号	锥度号	莫氏圆锥孔	对应安装钻头直径(mm)	基本尺寸(mm)			型式	重量(kg)
				ØD	Ødm	L		
BT40-M1-50	40	MT1	3-14	25	12.065	50	A	1.10
BT40-M1-120	40	MT1	3-14	25	12.065	120	B	1.20
BT40-M2-50	40	MT2	14-23	32	17.78	50	A	1.10
BT40-M2-120	40	MT2	14-23	32	17.78	120	B	1.60
BT40-M3-70	40	MT3	23-32	40	23.825	70	A	1.20
BT40-M3-135	40	MT3	23-32	40	23.825	135	B	2.20
BT40-M4-95	40	MT4	32-50	63	31.267	95	A	2.10
BT40-M4-165	40	MT4	32-50	63	31.267	165	B	2.80
BT50-M1-45	50	MT1	3-14	25	12.065	45	A	3.60
BT50-M1-120	50	MT1	3-14	25	12.065	120	B	4.50
BT50-M1-180	50	MT1	3-14	25	12.065	180	B	4.72
BT50-M2-60	50	MT2	14-23	32	17.78	60	A	3.60
BT50-M2-135	50	MT2	14-23	32	17.78	135	B	3.70
BT50-M2-180	50	MT2	14-23	32	17.78	180	B	3.96
BT50-M3-65	50	MT3	23-32	40	23.825	65	A	3.60
BT50-M3-150	50	MT3	23-32	40	23.825	150	B	4.30
BT50-M3-180	50	MT3	23-32	40	23.825	180	B	4.56
BT50-M4-95	50	MT4	32-50	48	31.267	95	A	3.80
BT50-M4-180	50	MT4	32-50	48	31.267	180	B	5.40
BT50-M5-105	50	MT5	50-75	63	44.399	105	A	3.80
BT60-M3-190	60	MT3	23-32	40	23.825	190	B	13.66
BT60-M3-250	60	MT3	23-32			250		13.86
BT60-M4-210	60	MT4	32-50	50	31.267	210		14.16
BT60-M4-270	60	MT4	32-50			270		14.36
BT60-M5-240	60	MT5	50-75	63	44.399	240		15.96
BT60-M5-300	60	MT5	50-75			300		16.56
BT60-M6-170	60	MT6	77-100	90	63.348	170	A	16.06
BT60-M6-310	60	MT6	77-100			310	B	18.96

无扁尾莫氏锥柄(JT)

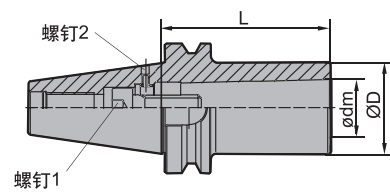


型号	锥度号	莫氏圆 锥孔	对应安装 铣刀直径 (mm)	基本尺寸(mm)			标准配置			重量 (kg)
				ØD	Ødm	L	螺钉1  (GB70-85)	扳手 	螺钉2  (GB77-85)	
JT40-MW1-50	40	MT1	6-12	25	12.065	50	M6×25	WH50L	-	0.90
JT40-MW2-50	40	MT2	14-20	32	17.780	50	M10×25	WH70L	-	1.00
JT40-MW3-70	40	MT3	22-36	40	23.825	70	M12×40	WH80L	M6X8	1.10
JT40-MW4-95	40	MT4	32-56	63	31.267	95	M16×45	WH120L	M5×6	2.00
JT50-MW1-45	50	MT1	6-12	25	12.065	45	M6×30	WH50L	-	2.70
JT50-MW2-60	50	MT2	14-20	32	17.780	60	M10×45	WH80L	-	2.80
JT50-MW3-65	50	MT3	22-36	40	23.825	65	M12×40	WH100L	-	2.90
JT50-MW4-70	50	MT4	32-56	63	31.267	70	M16×40	WH120L		3.40
JT50-MW5-100	50	MT5	40-63	78	44.399	100	M20×50	WH140L	M6X10	4.20
JT60-MW3-100	60	MT3	22-36	40	23.825	100	M12x100	WH100L	-	9.70
JT60-MW4-100	60	MT4	32-56	63	31.267	100	M16x85	WH140L		9.87
JT60-MW5-100	60	MT5	40-63	78	44.399	100	M20x55	WH170L	M5x12	9.92
JT60-MW6-150	60	MT6	77-100	90	63.348	150	M24x60	WH170L	M5x12	12.10

工具系统 | TOOL SYSTEM

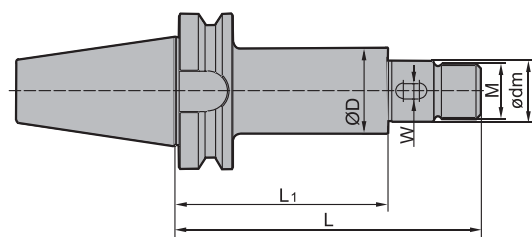
无扁尾莫氏锥柄 Morse taper without tang

无扁尾莫氏锥柄(BT)



型号	锥度号	莫氏圆锥孔	对应安装铣刀直径(mm)	基本尺寸(mm)			标准配置			重量(kg)
				ØD	Ødm	L	螺钉1  (GB70-85)	扳手 	螺钉2  (GB77-85)	
BT40-MW1-50	40	MT1	6-12	25	12.065	50	M6×25	WH50L	-	0.90
BT40-MW2-50	40	MT2	14-20	32	17.780	50	M10×25	WH70L	-	1.00
BT40-MW3-70	40	MT3	22-36	40	23.825	70	M12×40	WH80L	M6X8	2.00
BT40-MW4-95	40	MT4	32-56	63	31.267	95	M16×45	WH120L	M5×6	2.70
BT50-MW1-45	50	MT1	6-12	25	12.065	45	M6×30	WH50L	-	2.80
BT50-MW2-60	50	MT2	14-20	32	17.780	60	M10×45	WH80L	-	2.90
BT50-MW3-65	50	MT3	22-36	40	23.825	65	M12×40	WH100L	-	3.40
BT50-MW4-70	50	MT4	32-56	63	31.267	70	M16×40	WH120L		4.20
BT50-MW5-100	50	MT5	40-63	78	44.399	100	M20×50	WH140L	M6X10	9.70
BT60-MW3-100	60	MT3	22-36	40	23.825	100	M12x100	WH100L	-	13.26
BT60-MW4-100	60	MT4	32-56	63	31.267	100	M16x85	WH140L		13.43
BT60-MW5-100	60	MT5	40-63	78	44.399	100	M20x55	WH170L	M5x12	13.48
BT60-MW6-150	60	MT6	77-100	90	63.348	150	M24x60	WH170L	M5x12	15.66

■ 三面刃铣刀柄(JT)

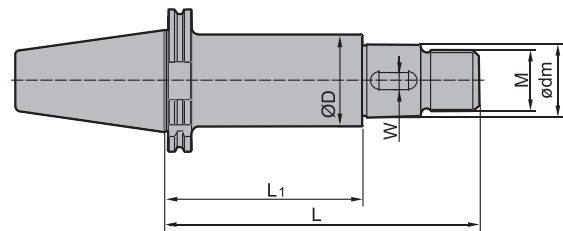


型号	锥度号	基本尺寸(mm)					标准配置			重量(kg)
		ØD	Ødm	L ₁	L	W 键宽	螺母	键	垫圈	
JT40-XS27-75	40	40	27	75	130	7	M24X2	7×7×18	3J1-310-27	2.01
JT40-XS27-120	40	40	27	120	175	7	M24X2	7×7×18	3J1-310-27	2.65
JT40-XS32-90	40	46	32	90	150	8	M30X2	8×7×20	3J1-310-32	2.52
JT50-XS27-90	50	40	27	90	145	7	M24X2	7×7×18	3J1-310-27	3.93
JT50-XS27-135	50	40	27	135	190	7	M24X2	7×7×18	3J1-310-27	4.46
JT50-XS32-90	50	46	32	90	150	8	M30X2	8×7×20	3J1-310-32	5.51
JT50-XS32-135	50	46	32	135	195	8	M30X2	8×7×20	3J1-310-32	5.57
JT50-XS40-90	50	55	40	90	156	10	M36X3	10×8×20	3J1-310-40	5.34
JT50-XS40-135	50	55	40	135	201	10	M36X3	10×8×20	3J1-310-40	5.66
JT50-XS50-90	50	68	50	90	175	12	M42X3	12×8×32	3J1-310-50	6.10
JT50-XS50-135	50	68	50	135	220	12	M42X3	12×8×32	3J1-310-50	6.55
JT60-XS40-135	60	55	40	135	201	10	M36X3	10×8×20	3J1-310-40	14.69
JT60-XS50-135	60	68	50	135	220	12	M42X3	12×8×32	3J1-310-50	14.80
JT60-XS60-135	60	84	60	135	240	14	M56X3	14×9×40	3J1-310-60	15.42

工具系统 | TOOL SYSTEM

三面刃铣刀柄 Tool shank for side milling cutter

■ 三面刃铣刀柄(BT)



型号	锥度号	基本尺寸(mm)					标准配置			重量(kg)
		ØD	Ødm	L ₁	L	W 键宽	螺母	键	垫圈	
BT40-XS27-75	40	40	27	75	130	7	M24X2	7×7×18	3J1-310-27	2.01
BT40-XS27-120	40	40	27	120	175	7	M24X2	7×7×18	3J1-310-27	2.65
BT40-XS32-90	40	46	32	90	150	8	M30X2	8×7×20	3J1-310-32	2.52
BT50-XS27-90	50	40	27	90	145	7	M24X2	7×7×18	3J1-310-27	3.93
BT50-XS27-135	50	40	27	135	190	7	M24X2	7×7×18	3J1-310-27	4.46
BT50-XS32-90	50	46	32	90	150	8	M30X2	8×7×20	3J1-310-32	5.51
BT50-XS32-135	50	46	32	135	195	8	M30X2	8×7×20	3J1-310-32	5.57
BT50-XS40-90	50	55	40	90	156	10	M36X3	10×8×20	3J1-310-40	5.34
BT50-XS40-135	50	55	40	135	201	10	M36X3	10×8×20	3J1-310-40	5.66
BT50-XS50-90	50	68	50	90	175	12	M42X3	12×8×32	3J1-310-50	6.10
BT50-XS50-135	50	68	50	135	220	12	M42X3	12×8×32	3J1-310-50	6.55
BT60-XS40-135	60	55	40	135	201	10	M36X3	10×8×20	3J1-310-40	18.25
BT60-XS50-135	60	68	50	135	220	12	M42X3	12×8×32	3J1-310-50	18.36
BT60-XS60-135	60	84	60	135	240	14	M56X3	14×9×40	3J1-310-60	18.98

ER卡簧(精密级)



ER11-□□A		ER16-□□A		ER20-□□A		ER25-□□A	
夹持范围(mm)	型号	夹持范围(mm)	型号	夹持范围(mm)	型号	夹持范围(mm)	型号
1.00-0.50	ER11-1A	1.00-0.50	ER16-1A	2.00-1.00	ER20-2A	2.00-1.00	ER25-2A
2.00-1.50	ER11-2A	2.00-1.00	ER16-2A	3.00-2.00	ER20-3A	3.00-2.00	ER25-3A
3.00-2.50	ER11-3A	3.00-2.00	ER16-3A	4.00-3.00	ER20-4A	4.00-3.00	ER25-4A
4.00-3.50	ER11-4A	4.00-3.00	ER16-4A	5.00-4.00	ER20-5A	5.00-4.00	ER25-5A
5.00-4.50	ER11-5A	5.00-4.00	ER16-5A	6.00-5.00	ER20-6A	6.00-5.00	ER25-6A
6.00-5.50	ER11-6A	6.00-5.00	ER16-6A	7.00-6.00	ER20-7A	7.00-6.00	ER25-7A
7.00-6.50	ER11-7A	7.00-6.00	ER16-7A	8.00-7.00	ER20-8A	8.00-7.00	ER25-8A
		8.00-7.00	ER16-8A	9.00-8.00	ER20-9A	9.00-8.00	ER25-9A
		9.00-8.00	ER16-9A	10.00-9.00	ER20-10A	10.00-9.00	ER25-10A
		10.00-9.00	ER16-10A	11.00-10.00	ER20-11A	11.00-10.00	ER25-11A
				12.00-11.00	ER20-12A	12.00-11.00	ER25-12A
				13.00-12.00	ER20-13A	13.00-12.00	ER25-13A
						14.00-13.00	ER25-14A
						15.00-14.00	ER25-15A
						16.00-15.00	ER25-16A
ER32-□□A							
夹持范围(mm)	型号	夹持范围(mm)	型号	夹持范围(mm)	型号	夹持范围(mm)	型号
3.00-2.00	ER32-3A	8.00-7.00	ER32-8A	13.00-12.00	ER32-13A	18.00-17.00	ER32-18A
4.00-3.00	ER32-4A	9.00-8.00	ER32-9A	14.00-13.00	ER32-14A	19.00-18.00	ER32-19A
5.00-4.00	ER32-5A	10.00-9.00	ER32-10A	15.00-14.00	ER32-15A	20.00-19.00	ER32-20A
6.00-5.00	ER32-6A	11.00-10.00	ER32-11A	16.00-15.00	ER32-16A		
7.00-6.00	ER32-7A	12.00-11.00	ER32-12A	17.00-16.00	ER32-17A		
ER40-□□A							
夹持范围(mm)	型号	夹持范围(mm)	型号	夹持范围(mm)	型号	夹持范围(mm)	型号
4.00-3.00	ER40-4A	10.00-9.00	ER40-10A	16.00-15.00	ER40-16A	22.00-21.00	ER40-22A
5.00-4.00	ER40-5A	11.00-10.00	ER40-11A	17.00-16.00	ER40-17A	23.00-22.00	ER40-23A
6.00-5.00	ER40-6A	12.00-11.00	ER40-12A	18.00-17.00	ER40-18A	24.00-23.00	ER40-24A
7.00-6.00	ER40-7A	13.00-12.00	ER40-13A	19.00-18.00	ER40-19A	25.00-24.00	ER40-25A
8.00-7.00	ER40-8A	14.00-13.00	ER40-14A	20.00-19.00	ER40-20A	26.00-25.00	ER40-26A
9.00-8.00	ER40-9A	15.00-14.00	ER40-15A	21.00-20.00	ER40-21A		

工具系统 | TOOL SYSTEM

筒夹 Spring collet

ER卡簧(高精密级)



ER11-□□UP		ER16-□□UP		ER20-□□UP		ER25-□□UP	
夹持范围(mm)	型号	夹持范围(mm)	型号	夹持范围(mm)	型号	夹持范围(mm)	型号
1.00-0.50	ER11-1UP	1.00-0.50	ER16-1UP	2.00-1.00	ER20-2UP	2.00-1.00	ER25-2UP
2.00-1.50	ER11-2UP	2.00-1.00	ER16-2UP	3.00-2.00	ER20-3UP	3.00-2.00	ER25-3UP
3.00-2.50	ER11-3UP	3.00-2.00	ER16-3UP	4.00-3.00	ER20-4UP	4.00-3.00	ER25-4UP
4.00-3.50	ER11-4UP	4.00-3.00	ER16-4UP	5.00-4.00	ER20-5UP	5.00-4.00	ER25-5UP
5.00-4.50	ER11-5UP	5.00-4.00	ER16-5UP	6.00-5.00	ER20-6UP	6.00-5.00	ER25-6UP
6.00-5.50	ER11-6UP	6.00-5.00	ER16-6UP	7.00-6.00	ER20-7UP	7.00-6.00	ER25-7UP
7.00-6.50	ER11-7UP	7.00-6.00	ER16-7UP	8.00-7.00	ER20-8UP	8.00-7.00	ER25-8UP
		8.00-7.00	ER16-8UP	9.00-8.00	ER20-9UP	9.00-8.00	ER25-9UP
		9.00-8.00	ER16-9UP	10.00-9.00	ER20-10UP	10.00-9.00	ER25-10UP
		10.00-9.00	ER16-10UP	11.00-10.00	ER20-11UP	11.00-10.00	ER25-11UP
				12.00-11.00	ER20-12UP	12.00-11.00	ER25-12UP
				13.00-12.00	ER20-13UP	13.00-12.00	ER25-13UP
						14.00-13.00	ER25-14UP
						15.00-14.00	ER25-15UP
						16.00-15.00	ER25-16UP
ER32-□□UP							
夹持范围(mm)	型号	夹持范围(mm)	型号	夹持范围(mm)	型号	夹持范围(mm)	型号
3.00-2.00	ER32-3UP	8.00-7.00	ER32-8UP	13.00-12.00	ER32-13UP	18.00-17.00	ER32-18UP
4.00-3.00	ER32-4UP	9.00-8.00	ER32-9UP	14.00-13.00	ER32-14UP	19.00-18.00	ER32-19UP
5.00-4.00	ER32-5UP	10.00-9.00	ER32-10UP	15.00-14.00	ER32-15UP	20.00-19.00	ER32-20UP
6.00-5.00	ER32-6UP	11.00-10.00	ER32-11UP	16.00-15.00	ER32-16UP		
7.00-6.00	ER32-7UP	12.00-11.00	ER32-12UP	17.00-16.00	ER32-17UP		
ER40-□□UP							
夹持范围(mm)	型号	夹持范围(mm)	型号	夹持范围(mm)	型号	夹持范围(mm)	型号
4.00-3.00	ER40-4UP	10.00-9.00	ER40-10UP	16.00-15.00	ER40-16UP	22.00-21.00	ER40-22UP
5.00-4.00	ER40-5UP	11.00-10.00	ER40-11UP	17.00-16.00	ER40-17UP	23.00-22.00	ER40-23UP
6.00-5.00	ER40-6UP	12.00-11.00	ER40-12UP	18.00-17.00	ER40-18UP	24.00-23.00	ER40-24UP
7.00-6.00	ER40-7UP	13.00-12.00	ER40-13UP	19.00-18.00	ER40-19UP	25.00-24.00	ER40-25UP
8.00-7.00	ER40-8UP	14.00-13.00	ER40-14UP	20.00-19.00	ER40-20UP	26.00-25.00	ER40-26UP
9.00-8.00	ER40-9UP	15.00-14.00	ER40-15UP	21.00-20.00	ER40-21UP		

机械式密封卡簧(ER-DM)

适用于内冷刀具



ER16-□□DM		ER20-□□DM		ER25-□□DM		ER32-□□DM	
夹持范围(mm)	型号	夹持范围(mm)	型号	夹持范围(mm)	型号	夹持范围(mm)	型号
3.00 h9	ER16-3DM	3.00 h9	ER20-3DM	6.00 h9	ER25-6DM	6.00 h9	ER32-6DM
4.00 h9	ER16-4DM	4.00 h9	ER20-4DM	8.00-7.50	ER25-8DM	8.00-7.50	ER32-8DM
5.00-4.50	ER16-5DM	5.00 h9	ER20-5DM	10.00-9.50	ER25-10DM	10.00-9.50	ER32-10DM
6.00-5.50	ER16-6DM	6.00 h9	ER20-6DM	12.00-11.50	ER25-12DM	12.00-11.50	ER32-12DM
7.00-6.50	ER16-7DM	7.00-6.50	ER20-7DM	14.00-13.50	ER25-14DM	14.00-13.50	ER32-14DM
8.00-7.50	ER16-8DM	8.00-7.50	ER20-8DM	16.00-15.50	ER25-16DM	16.00-15.50	ER32-16DM
9.00-8.50	ER16-9DM	9.00-8.50	ER20-9DM			18.00-17.50	ER32-18DM
10.00-9.50	ER16-10DM	10.00-9.50	ER20-10DM			20.00-19.50	ER32-20DM
		11.00-10.50	ER20-11DM				
		12.00-11.50	ER20-12DM				
		13.00-12.50	ER20-13DM				

工具系统 | TOOL SYSTEM

筒夹 Spring collet

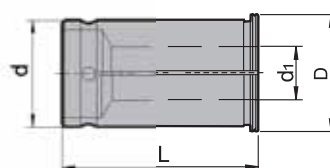
■ 刚性攻丝卡簧(ER-GB)



ER16-□□GB				ER20-□□GB				ER25-□□GB			
型号	丝锥柄径 (mm)	丝锥柄部 四方尺寸 (mm)	适用标准	型号	丝锥柄径 (mm)	丝锥柄部 四方尺寸 (mm)	适用标准	型号	丝锥柄径 (mm)	丝锥柄部 四方尺寸 (mm)	适用标准
ER16-4GB	4.0	3.0	ISO,JIS	ER20-4GB	4.0	3.15/3.2	ISO, JIS	ER25-4GB	4.0	3.0	ISO,JIS
ER16-5GB	5.0	4.0	ISO,JIS	ER20-5GB	5.0	4.0	ISO, JIS	ER25-5GB	5.0	4.0	ISO,JIS
ER16-6GB	6.0	4.9	DIN	ER20-6GB	6.0	4.5/4.9	JIS/DIN	ER25-6GB	6.0	4.9	DIN
ER16-7GB	7.0	5.5	DIN,JIS	ER20-7GB	7.0	5.5	DIN, JIS	ER25-7GB	7.0	5.5	DIN,JIS
ER16-8GB	8.0	6.2/6.3	DIN,ISO	ER20-8GB	8.0	6.2/6.3	DIN, JIS	ER25-8GB	8.0	6.2/6.3	DIN,ISO
ER16-9GB	9.0	7.0/7.1	DIN,ISO	ER20-9GB	9.0	7.0/7.1	DIN, ISO	ER25-9GB	9.0	7.0/7.1	DIN,ISO
				ER20-10GB	10	8.0	DIN, ISO	ER25-10GB	10.0	8.0	DIN,ISO
				ER20-11GB	11	9.0	DIN	ER25-11GB	11.0	9.0	DIN
				ER20-12GB	12	9.0	DIN	ER25-12GB	12.0	9.0	DIN
								ER25-14GB	14.0	11.0/12.0	DIN,ISO,JIS
								ER25-15GB	15.0	12.0	JIS
								ER25-16GB	16.0	12.0	DIN
ER32-□□GB				ER40-□□GB							
型号	丝锥柄径 (mm)	丝锥柄部 四方尺寸(mm)	适用标准	型号	丝锥柄径 (mm)	丝锥柄部 四方尺寸(mm)	适用标准				
ER32-4GB	4.0	3.0	ISO,JIS	ER40-6GB	6.0	4.9	DIN				
ER32-5GB	5.0	4.0	ISO,JIS	ER40-7GB	7.0	5.5	DIN,JIS				
ER32-6GB	6.0	4.9	DIN	ER40-8GB	8.0	6.2/6.3	DIN,ISO				
ER32-7GB	7.0	5.5	DIN,JIS	ER40-9GB	9.0	7.0/7.1	DIN,ISO				
ER32-8GB	8.0	6.2/6.3	DIN,ISO	ER40-10GB	10.0	8.0	DIN,ISO				
ER32-9GB	9.0	7.0/7.1	DIN,ISO	ER40-11GB	11.0	9.0	DIN				
ER32-10GB	10.0	8.0	DIN,ISO	ER40-12GB	12.0	9.0	DIN				
ER32-11GB	11.0	9.0	DIN	ER40-14GB	14.0	11.0/12.0	DIN,ISO,JIS				
ER32-12GB	12.0	9.0	DIN	ER40-15GB	15.0	12.0	JIS				
ER32-14GB	14.0	11.0/11.2	DIN,ISO,JIS	ER40-16GB	16.0	12.0	DIN				
ER32-15GB	15.0	12.0	JIS	ER40-17GB	17.0	13.0	JIS				
ER32-16GB	16.0	12.0	DIN	ER40-18GB	18.0	14.0/14.5	DIN,ISO				
ER32-17GB	17.0	13.0	JIS	ER40-20GB	20.0	16.0	DIN,ISO				
ER32-18GB	18.0	14.0/14.5	DIN,ISO								
ER32-20GB	20.0	16.0	DIN,ISO								

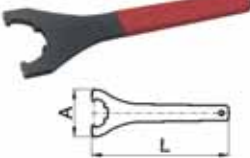
注：ER-GB刚性攻丝卡簧以DIN标准为主，订货时请确认柄径和丝锥柄部四方尺寸。

■ 强力铣夹头用直筒夹套



型号	基本尺寸(mm)				型号	基本尺寸(mm)			
	d	d1	D	L		d	d1	D	L
ZC20L-4	20	4	23	53	ZC32L-16	32	16	36	65
ZC20L-5		5			ZC32L-18		18		
ZC20L-6		6			ZC32L-20		20		
ZC20L-8		8			ZC32L-25		25		
ZC20L-10		10			ZC40L-6	40	6	44	74
ZC20L-12		12			ZC40L-8		8		
ZC20L-14		14			ZC40L-10		10		
ZC20L-16		16			ZC40L-12		12		
ZC20L-18		18			ZC40L-14		14		
ZC25L-4	25	4	28	60	ZC40L-16		16		
ZC25L-5		5			ZC40L-18		18		
ZC25L-6		6			ZC40L-20		20		
ZC25L-8		8			ZC40L-25		25		
ZC25L-10		10			ZC40L-32		32		
ZC25L-12		12			ZC50L-6	50	6	55	85
ZC25L-14		14			ZC50L-8		8		
ZC25L-16		16			ZC50L-10		10		
ZC25L-18		18			ZC50L-12		12		
ZC25L-20		20			ZC50L-14		14		
ZC32L-5	32	5	36	65	ZC50L-16		16		
ZC32L-6		6			ZC50L-18		18		
ZC32L-8		8			ZC50L-20		20		
ZC32L-10		10			ZC50L-25		25		
ZC32L-12		12			ZC50L-32		32		
ZC32L-14					ZC50L-40		40		

■ 弹簧夹头刀柄用扳手

外形图	型号	基本尺寸(mm)	
		A	L
	E11P	32	95
	E16P	44	145
	E20P	52	170
	E25, WER25-S	65	210
	E32, WER32-S	75	250
	E40, WER40-S	90	290

■ HSK套式刀柄用扳手

外形图	型号	对应定位轴径
	FDS22	22
	FDS27	27
	FDS32	32
	FDS40	40

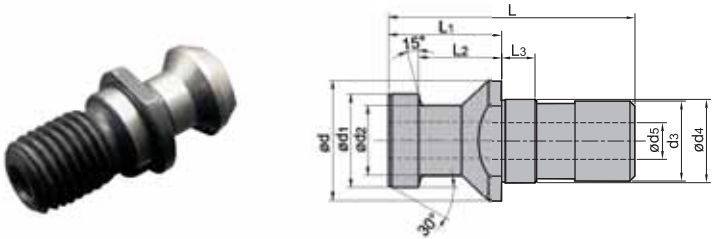
■ 强力铣夹头刀柄用扳手

外形图	型号	L
	WZC20-L	55-62
	WZC25-L	68-72
	WZC32-L	
	WZC40-L	78-85
	WZC50-L	100-100

注：配用扳手需要单独订货。

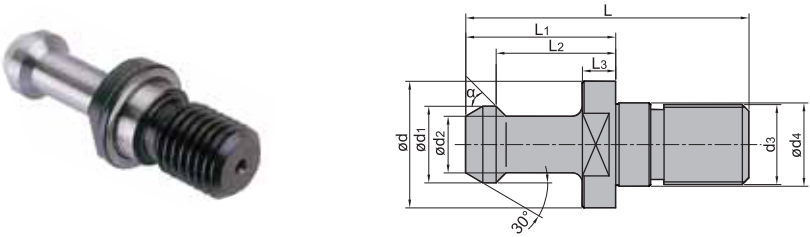
拉钉 DIN69872

内冷型



型号	基本尺寸(mm)										重量 (kg)
	L	L ₁	L ₂	L ₃	d	d ₁	d ₂	d ₃	d ₄	d ₅	
JT40-A	54	26	20	7	23	19	14	M16	17	7	0.07
JT50-A	74	34	25	10	36	28	21	M24	25	11.5	0.2

拉钉 MAS403-1975



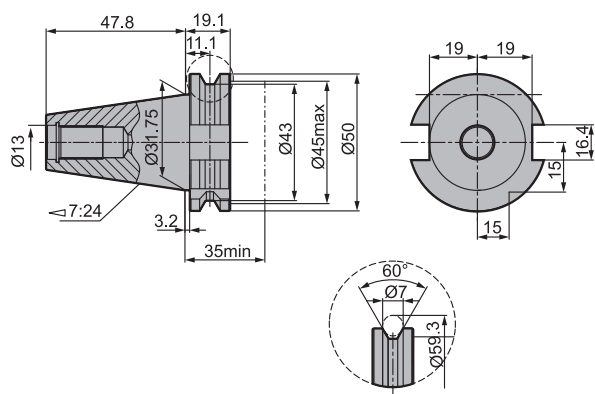
型号	基本尺寸(mm)										重量 (kg)
	L	L ₁	L ₂	L ₃	d	d ₁	d ₂	d ₃	d ₄	α	
BT40-45°	60	35	28	6	23	15	10	M16	17	45°	0.06
BT40-60°	60	35	28	6	23	15	10	M16	17	60°	0.06
BT40-90°	60	35	28	6	23	15	10	M16	17	90°	0.06
BT50-45°	85	45	35	10	38	23	17	M24	25	45°	0.26
BT50-60°	85	45	35	10	38	23	17	M24	25	60°	0.26
BT50-90°	85	45	35	10	38	23	17	M24	25	90°	0.26

常规制造不带内冷孔。
若需要内冷的，订货时请注明。示例：BT40-45°W 1件。
其他型式的拉钉可根据要求定制。

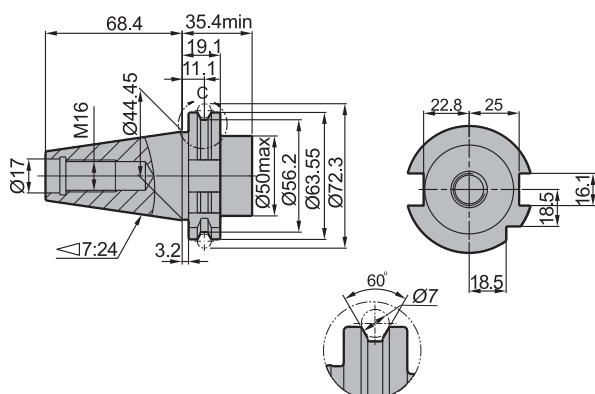
■ 锥柄标准

锥柄形式 DIN69871-A

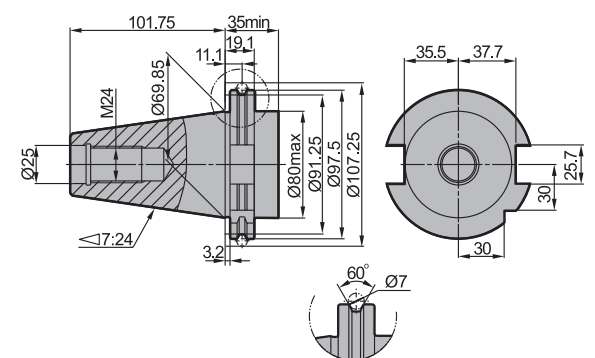
JT30



JT40

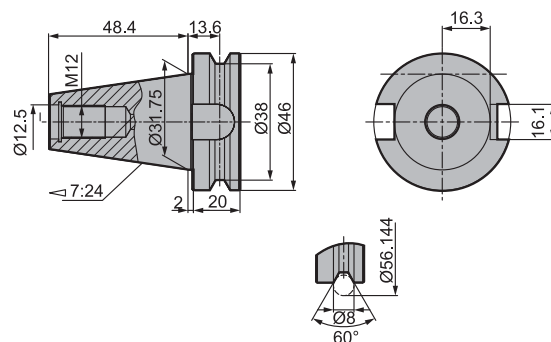


JT50

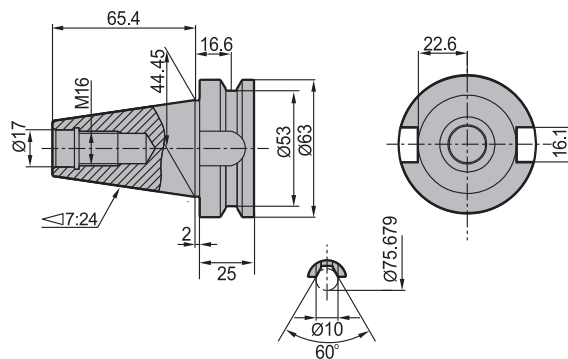


锥柄形式 MAS403BT

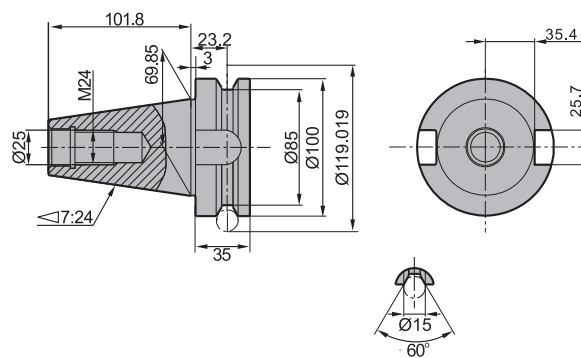
BT30



BT40

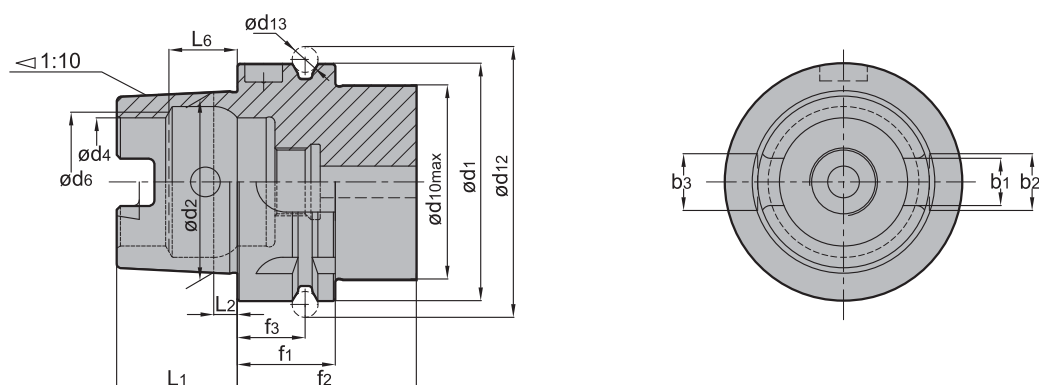


BT50



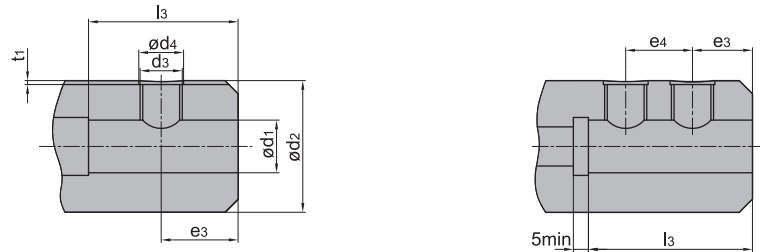
■ 锥柄标准

HSK短锥形式 A型(DIN69893A)



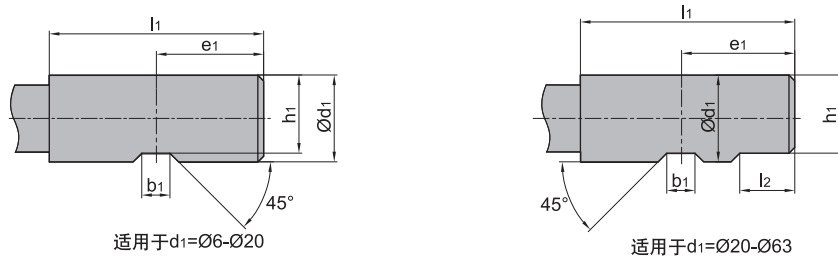
	b ₁	b ₂	b ₃	d ₁	d ₂	d ₄	d ₆	d ₁₀	d ₁₂	d ₁₃	f ₁	f ₂	f ₃	L ₁	L ₂	L ₆
HSK32	7.05	7	9	32	24	17	19	26	37	4	20	35	16	16	3.2	8.92
HSK40	8.05	9	11	40	30	21	23	34	45	4	20	35	16	20	4	11.42
HSK50	10.54	12	14	50	38	26	29	42	59.3	7	26	42	18	25	5	14.13
HSK63	12.54	16	18	63	48	34	37	53	72.3	7	26	42	18	32	6.3	18.13
HSK100	20.02	20	22	100	75	53	58	88	109.75	7	29	45	20	50	10	28.56

侧固式刀柄型式



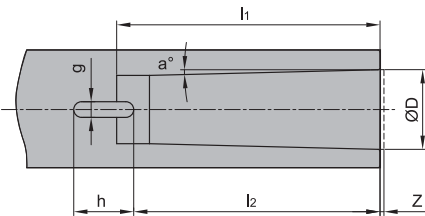
d ₁ (H5)	d ₂ (0-1)	d ₃ (6H)	d ₄ (min)	e ₃ (01)	e ₄ (±0.5)	l ₃ (±1)	t ₁
6	25	M6	8	18.0	3.5	8.5	1.5
8	28	M8	10	17	4.5	10	2.5
10	35	M10	12	20	5.0	15	4.0
12	42	M12	14	20	6.0	20	5.0
14	44	M12	14	25	-	21	6.0
16	48	M14	16				
18	50	M14	16				
20	52	M16	18				
25	65	M18×2	20				
32	72	M20×2	22				

侧固式刀具型式



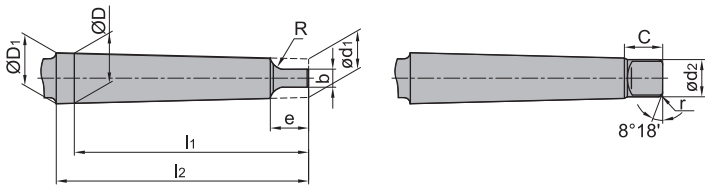
d ₁ (h6)	l ₁ (⁺² ₀)	b ₁ (^{+0.05} ₀)	l ₂ (⁺¹ ₀)	e ₁ (⁰ ₋₁)	h ₁ (h11)
6	36	4.2	-	18.0	5.1
8	36	5.5	-	18.0	6.9
10	40	7.0	-	20.0	8.5
12	45	8.0	-	22.5	10.4
14	45	8.0	-	22.5	12.7
16	48	10.0	-	24.0	14.2
18	48	10.0	-	24.0	16.2
20	50	11.0	-	25.0	18.2
25	56	12.0	17	32.0	23.0
32	60	14.0	19	35.0	30.0

■ 有扁尾莫氏圆锥柄型式



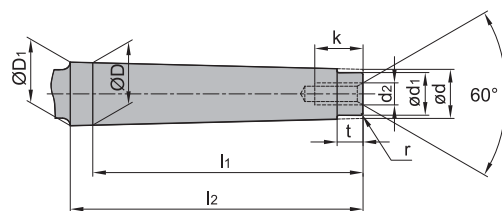
锥度号	锥度		锥角 α°	ØD	$l_1(\text{min})$	l_2	g	h	z	对应钻头 直径范围 (mm)
MT1	1/20.047	0.04988	1°25'43"	12.065	56	52	5.4	19	1	3.00-14.00
MT2	1/20.047	0.04988	1°25'50"	17.780	67	62	6.6	22	1	14.00-23.00
MT3	1/20.047	0.04988	1°26'16"	23.825	84	78	8.2	27	1	23.00-32.00
MT4	1/20.047	0.04988	1°29'15"	31.267	107	98	12.2	32	1.5	32.00-50.00
MT5	1/20.047	0.04988	1°30'26"	44.399	135	125	16.2	38	1.5	50.00-75.00

■ 有扁尾莫氏圆锥柄



锥度号	D	D ₁	d ₁	d ₂	l_1	l_2	b	c	e	R	r	对应钻头 直径范围(mm)
MT1	12.065	12.240	8.972	8.7	62.0	65.5	5.2	8.5	13.5	5	1.2	3.00-14.00
MT2	17.780	18.030	14.034	13.5	75.0	80.0	6.3	10.0	16.0	6	1.6	14.25-23.00
MT3	23.825	24.076	19.107	18.5	94.0	99.0	7.9	13.0	20.0	7	2	23.25-31.75
MT4	31.267	31.605	25.164	24.5	117.5	124.0	11.9	16.0	24.0	8	2.5	32.00-50.50
MT5	44.399	44.741	36.531	35.7	149.5	156.0	15.9	19.0	29.0	10	3	51.00-76.00

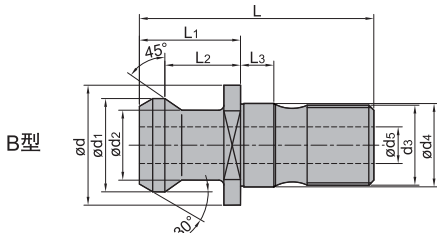
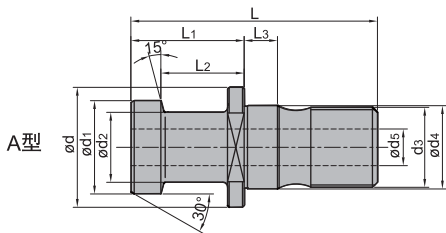
■ 无扁尾莫氏圆锥柄



锥度号	D	D ₁	d	d ₁	l ₁	l ₂	t	r	d ₂	K	对应铣刀直径范围 (mm)
MT1	12.065	12.240	9.396	9	53.5	57	5	0.2	M6	16	6.00-12.00
MT2	17.780	18.030	14.583	14	64	69	5	0.2	M10	24	14.00-20.00
MT3	23.825	24.076	19.759	19	81	86	7	0.6	M12	28	22.00-36.00
MT4	31.267	31.605	25.943	25	102.5	109	9	1.0	M16	32	32.00-56.00
MT5	44.399	44.741	37.584	25.7	129.5	136	9	2.5	M20	40	40.00-71.00

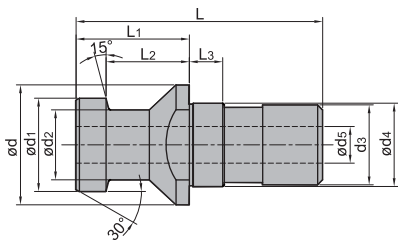
拉钉标准

拉钉 ISO7388/2



尺寸(mm)										重量(kg)
L	L1	L2	L3	d	d1	d2	d3	d4	d5	
44	24	19	5	17	12	8	M12	13	-	0.05
54	26	20	7	23	19	14	M16	17	7.0	0.07
74	34	25	10	36	28	21	M24	25	11.5	0.22
27	11.8	8.1	5	17	13.3	9.3	M12	13	-	0.05
44.5	16.40	11.15	7	22.5	18.95	12.95	M16	17	7.0	0.07
65.5	25.55	17.95	10	36.0	29.10	19.60	M24	25	11.5	0.22

拉钉 DIN69872



尺寸(mm)										重量(kg)
L	L1	L2	L3	d	d1	d2	d3	d4	d5	
44	24	19	5	17	13	9	M12	13	-	0.05
54	26	20	7	23	19	14	M16	17	7.0	0.07
74	34	25	10	36	28	21	M24	25	11.5	0.20

