

銑削夾持具 网站: www.dg-suken.com 邮箱: suken_vip@126.com suken@dg-suken.com

TOOL HOLDER

銑削夾持具



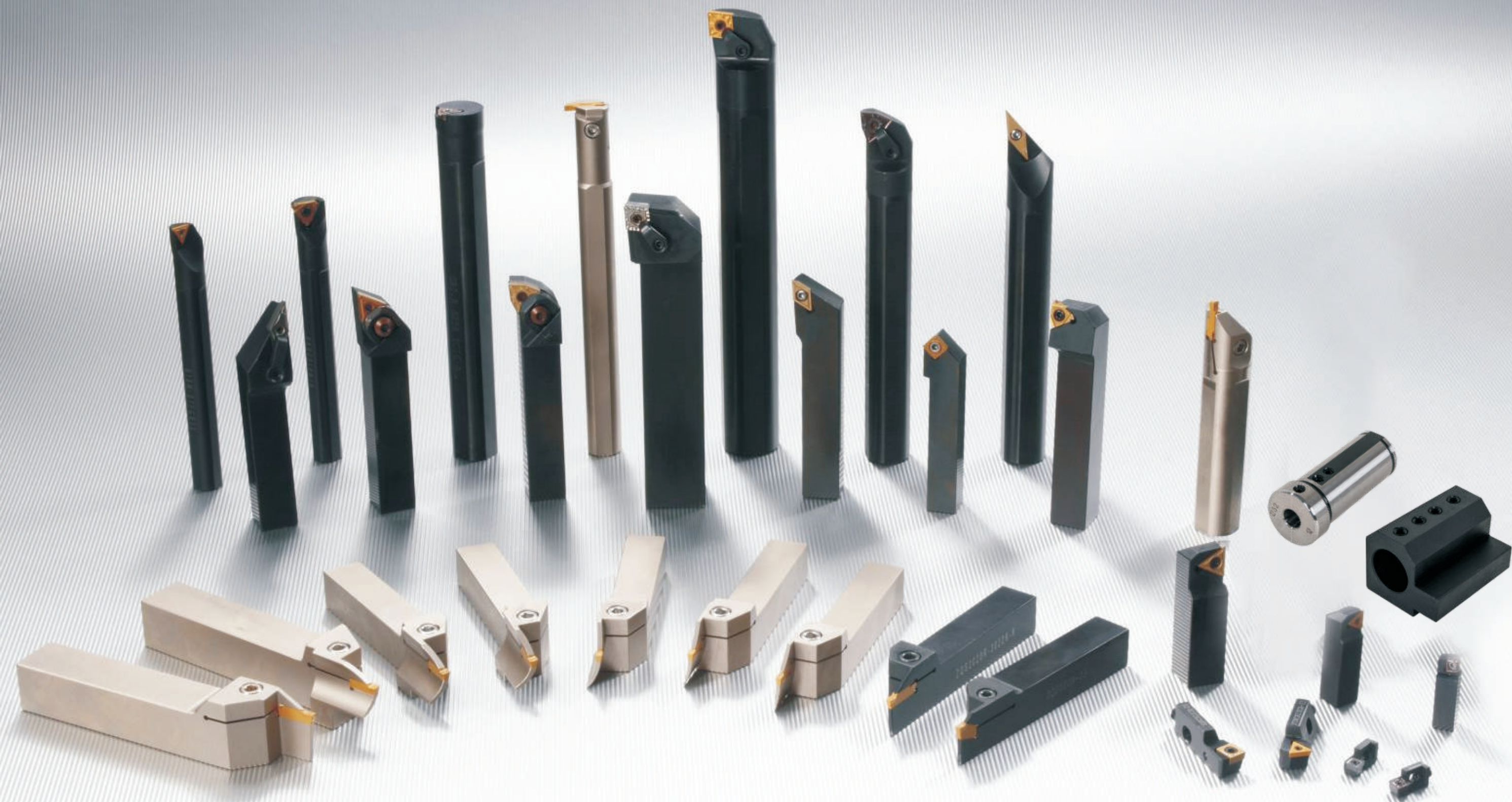
速肯销售服务中心

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更多产品信息, 敬请浏览本公司网站
网站: www.dg-suken.com 邮箱: suken_vip@126.com suken@dg-suken.com

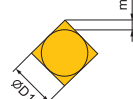
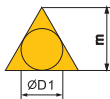


2020~2021
Precision
Tool Holder
Catalog



数控车刀片 编号说明

代号	刀片形状	
H	正六边形	
O	正八边形	
P	正五边形	
S	正方形	
T	正三角形	
C	菱形顶角80°	
D	菱形顶角55°	
E	菱形顶角75°	
F	菱形顶角50°	
M	菱形顶角86°	
V	菱形顶角35°	
W	等边不等角六角形	
L	长方形	
A	平行四边形顶角85°	
B	平行四边形顶角82°	
K	平行四边形顶角55°	
R	圆形	
X	特殊形状	
① 形状代号		

												注 带修光刃三角形刀片的情况 (铣刀用)			
③ 精度代号				(参考) M级精度详细情况 (按形状, 大小分) ● 刀类高度公差 M (mm)											
代号	刀尖高度 允差m(mm)	内接圆公差 ø D1(mm)	厚度公差 S1(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	12.70	±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	-	-	-	-					
J	±0.005	±0.05-±0.15	±0.025	31.7	-	±0.20	-	-	-	-					
K*	±0.013	±0.05-±0.15	±0.025	● 内接圆ø D1的公差(mm)											
L*	±0.025	±0.05-±0.15	±0.025	内接圆	正三角形	正方形	80°菱形	55°菱形	35°菱形	圆形					
M*	±0.08-±0.18	±0.05-±0.15	±0.13	6.35	±0.05	±0.05	±0.05	±0.05	±0.05	-					
N*	±0.08-±0.18	±0.05-±0.15	±0.025	9.525	±0.05	±0.05	±0.05	±0.05	±0.05	±0.05					
U*	±0.13-±0.38	±0.08-±0.25	±0.13	12.70	±0.08	±0.08	±0.08	±0.08	-	±0.08					
印*表示其侧面不研磨的刀片				15.875	±0.10	±0.10	±0.10	±0.10	-	±0.10					
				19.05	±0.10	±0.10	±0.10	±0.10	-	±0.10					
				25.4	-	±0.13	-	-	-	±0.13					
				31.7	-	±0.15	-	-	-	±0.15					
				③ 精度代号											

① 形状代号

② 后角代号

③ 精度代号

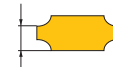
④ 槽、孔代号

C N M G

② 后角代号	
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
后角是指对主切削刀法向后角	

④ 槽、孔代号							
公制							
代号	有无孔	孔的形状	有无断屑槽	刀片剖面	代号	有无孔	孔的形状
W	有	圆柱孔 + 单面倒角 (40-60°)	无		A	有	圆柱孔
T	有	圆柱孔 + 单面倒角 (40-60°)	单面		M	有	圆柱孔
Q	有	圆柱孔 + 双面倒角 (40-60°)	无		G	有	圆柱孔
U	有	圆柱孔 + 双面倒角 (40-60°)	双面		N	无	-
B	有	圆柱孔 + 单面倒角 (70-90°)	无		R	无	-
H	有	圆柱孔 + 单面倒角 (70-90°)	单面		F	无	-
C	有	圆柱孔 + 双面倒角 (70-90°)	无		X	-	-
J	有	圆柱孔 + 双面倒角 (70-90°)	双面			-	-

刀片形状							内接圆 (mm)
							
	02		04	03	03	06	3.97
	L3	08	05	04	04	08	4.76
	03	09	06	05	05	09	5.56
06							6.00
	04	11	07	06	06	11	6.35
	05	13	09	08	08	13	7.94
08							8.00
09	06	16	11	09	09	16	9.525
10							10.00
12							12.00
12	08	22	15	12	12	22	12.70
15	10		19	16	16	27	15.875
16							16.00
19	13		23	19	19	33	19.05
20							20.00
			27	22	22	38	22.225
25							25.00
25			31	25	25	44	25.40
31			38	32	32	54	31.75
32							32.00
⑤ 切削刃长度代号和内接圆代号							

	
※厚度指刀片底面与切削刃最高部份之间的高度。	
代号	刀片厚度(mm)
S1	1.39
01	1.59
T0	1.79
02	2.38
T2	2.78
03	3.18
T3	3.97
04	4.76
06	6.35
07	7.94
09	9.52
⑥ 刀片厚度代号	

⑩ 刀片断屑槽代号
由制造厂家设定

⑤ 切削刃长度代号和内接圆代号

⑥ 切削刃长度代号和内接圆代号

⑦ 刀尖圆弧代号

⑧ 刃口处理代号

⑨ 切削方向代号

⑩ 刀片断屑槽代号

12 04 08 (E) (N) XX

⑦ 刀尖圆弧代号	
代号	刀尖圆弧半径 (mm)
00	无 圆角
V3	0.03
V5	0.05
01	0.1
02	0.2
04	0.4
08	0.8
12	1.2
16	1.6
20	2.0
24	2.4
28	2.8
32	3.2
刀片直径尺寸 00 (英制) MO (公制)	圆形刀片

⑧ 刃口处理代号		
形状	刃口修磨	代号
	尖锐刀刃	F
	倒圆刀刃	E
	倒棱刀刃	T
	双重处理刀刃	S
本公司省略了刃口修磨代号		

⑨ 切削方向代号		
形状	切削方向	代号
	右手	R
	左手	L
	左,右	N

编号说明

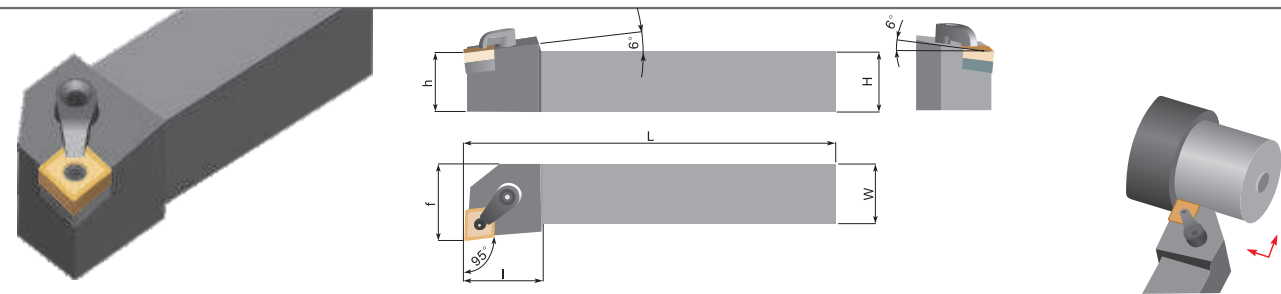


TURNING
TOOLHOLDER
SERIES
外圆车刀系列



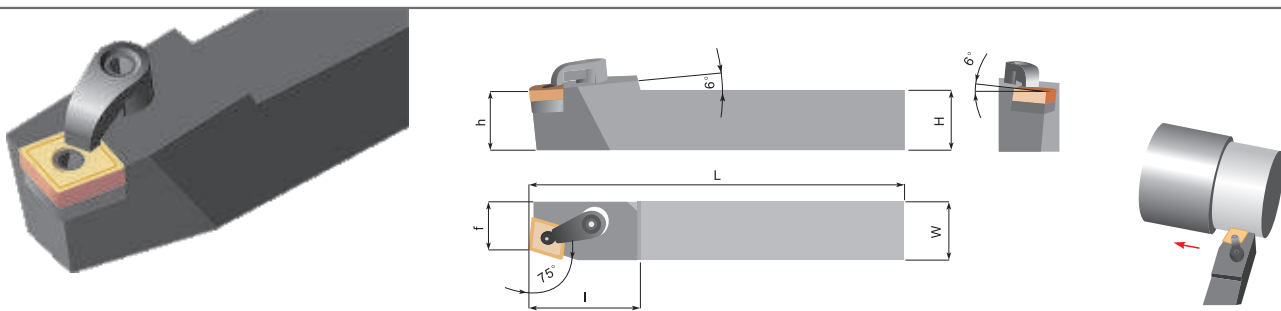
外圆车刀（M）型

MCLNR/L 95°



型号 Type	基本尺寸 Basic size							库存 Stock						
	H	W	L	h	f	l	R		适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
MCLNR/L1616H09	16	16	100	16	20	28	•	○	CN..0903..	MC515	MS520	MC0903	ML34	S2.0
MCLNR/L2020K09	20	20	125	20	25	28	•	○						
MCLNR/L1616H12	16	16	100	16	20	32	•	•	CN..1204..	MC620	MS620	MC1204	ML46C	S2.5,S3.0
MCLNR/L2020K12	20	20	125	20	25	32	•	•						
MCLNR/L2525M12	25	25	150	25	32	32	•	•	CN..1606..	MC825	MS625	MC1604	ML58	S3.0,S4.0
MCLNR/L3232P12	32	32	170	32	40	32	•	•						
MCLNR/L2525M16	25	25	150	25	32	35	•	•	CN..1606..	MC825	MS830	MC1604	ML58	S3.0,S4.0
MCLNR/L3232P16	32	32	170	32	40	35	•	•						
MCLNR/L4040R16	40	40	200	40	50	35	•	•	CN..1906..	MC825	MS830	MC1904	ML68	S4.0
MCLNR/L3232P19	32	32	170	32	40	35	•	•						
MCLNR/L4040R19	40	40	200	40	50	35	•	○						

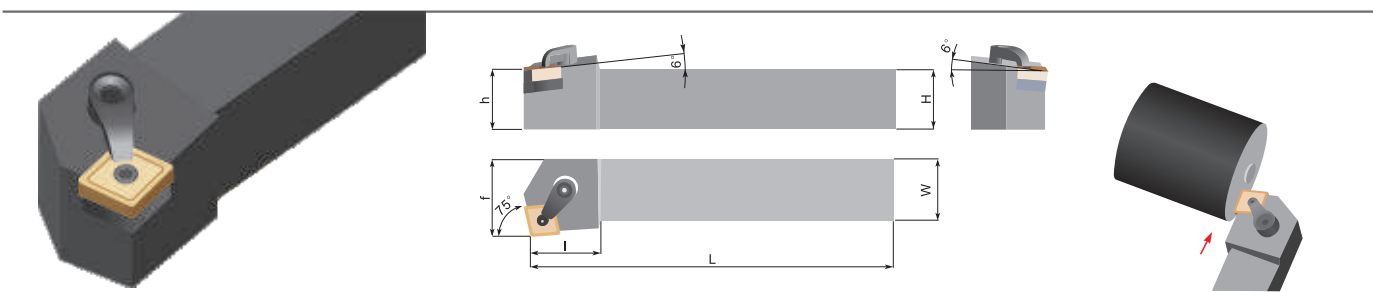
MCBNR/L 75°



型号 Type	基本尺寸 Basic size							库存 Stock						
	H	W	L	h	f	l	R		适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
MCBNR/L2020K12	20	20	125	20	17	32	•	○	CN..1204..	MC620	MS625	MC1204	ML46C	S2.5,S3.0
MCBNR/L2525M12	25	25	150	25	22	32	•	○						
MCBNR/L2525M16	25	25	150	25	22	32	•	○	CN..1606..	MC825	MS830	MC1604	ML58	S3.0,S4.0
MCBNR/L3232P12	32	32	170	32	27	32	•	○						
MCBNR/L3232P16	32	32	170	32	27	35	•	○	CN..1606..	MC620	MS625	MC1204	ML46C	S2.5,S3.0
MCBNR/L3232P19	32	32	170	32	27	35	•	○						
MCBNR/L4040R19	40	40	200	40	35	35	•	○	CN..1906..	MC825	MS830	MC1904	ML68	S4.0

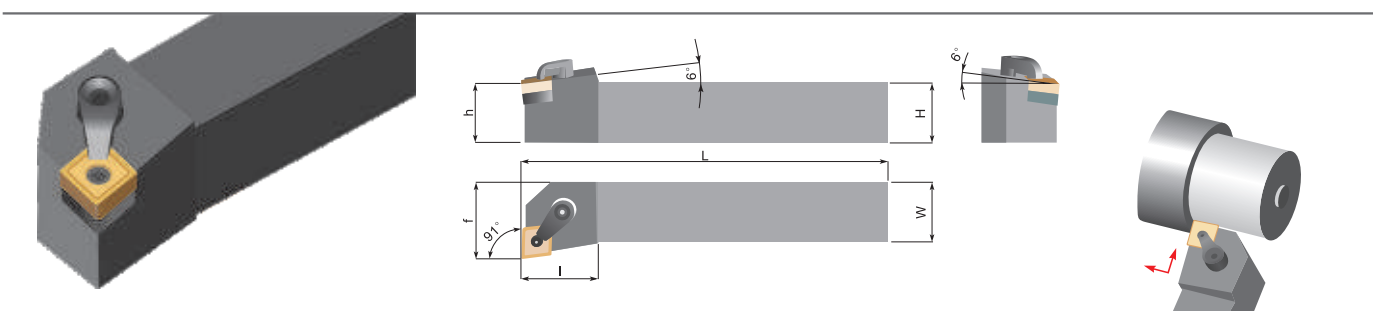
外圆车刀（M）型

MCKNR/L 75°



型号 Type	基本尺寸 Basic size						库存 Stock									
	H	W	L	h	f	l	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench		
MCKNR/L2020K12	20	20	125	20	25	30	●	○	CN..1204..	MC620	MS625	MC1204	ML46C	S2.5,S3.0		
MCKNR/L2525M12	25	25	150	25	32	30	●	○								
MCKNR/L3232P12	32	32	170	32	40	30	●	○								
MCKNR/L3232P16	32	32	170	32	40	33	●	○	CN..1606..	MC825	MS830	MC1604	ML58	S3.0,S4.0		
MCKNR/L3232P19	32	32	170	32	40	35	○	○	CN..1906..			MC1904	ML68	S4.0		
MCKNR/L4040R19	40	40	200	40	50	35	○	○								

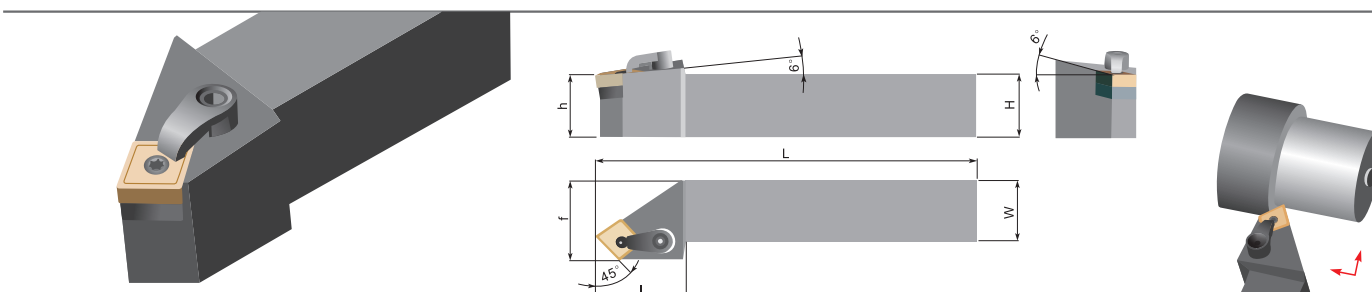
MCFNR/L 91°



型号 Type	基本尺寸 Basic size						库存 Stock								
	H	W	L	h	f	l	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench	
	MCFNR/L2020K12	20	20	125	20	25	29	●	○	CN..1204..	MC620	MS625	MC1204	ML46C	S2.5,S3.0
	MCFNR/L2525M12	25	25	150	25	32	29	●	○						
	MCFNR/L3232P12	32	32	170	32	40	29	●	○						
	MCFNR/L2525M16	25	25	150	25	32	29	●	○	CN..1606..	MC825	MS830	MC1604	ML58	S3.0,S4.0
MCFNR/L3232P19	32	32	170	32	40	32	●	○							

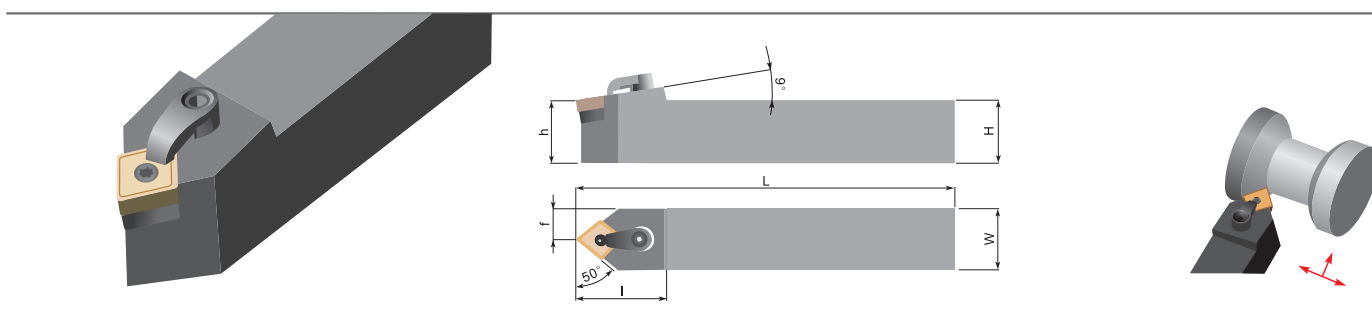
外圆车刀（M）型

MCSNR/L 45°



型号 Type	基本尺寸 Basic size								库存 Stock						
	H	W	L	h	f	l	R	L							
MCSNR/L2020K12	20	20	125	20	25	32	●	●	CN..1204..	MC620	MS625	MC1204	ML46C	S2.5,S3.0	
MCSNR/L2525M12	25	25	150	25	32	32	●	●							
MCSNR/L2525M16	25	25	150	25	32	32	●	●							
MCSNR/L3232P12	32	32	170	32	40	32	●	●	CN..1204..	MC620	MS625	MC1204	ML46C	S2.5,S3.0	
MCSNR/L3232P16	32	32	170	32	40	34	●	●	CN..1606..			MC1604	ML58	S3.0,S4.0	
MCSNR/L3232P19	32	32	170	32	40	36	●	●	CN..1906..	MC825	MS830	MC1904	ML68	S4.0	
MCSNR/L4040R19	40	40	200	40	50	36	●	●							

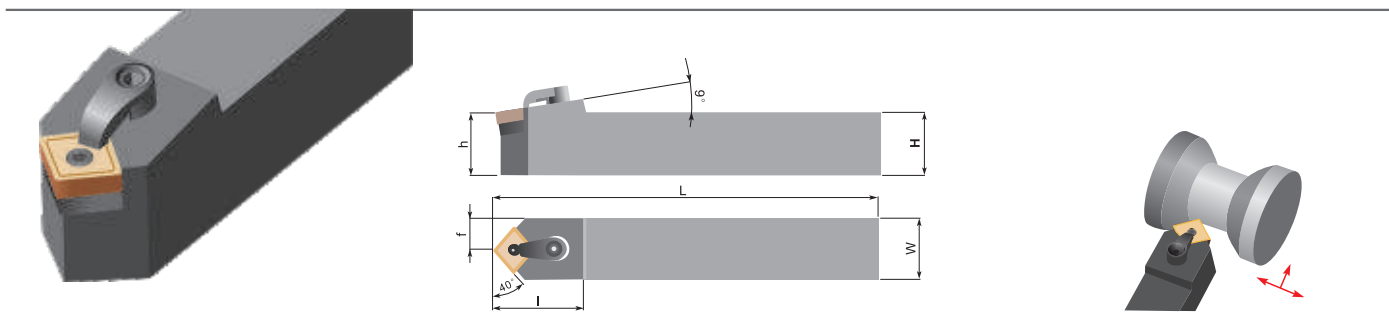
MCMNN 50°



型号 Type	基本尺寸 Basic size								库存 Stock						
	H	W	L	h	f	l									
MCMNN2020K12	20	20	125	20	10	36	●		CN..1204..	MC620	MS625	MC1204	ML46C	S2.5,S3.0	
MCMNN2525M12	25	25	150	25	12.5	36	●								
MCMNN3232P12	32	32	170	32	16	36	●								
MCMNN2525M16	25	25	150	25	12.5	45	○		CN..1606..	MC825	MS830	MC1604	ML58	S3.0,S4.0	
MCMNN3232P16	32	32	170	32	16	45	○								

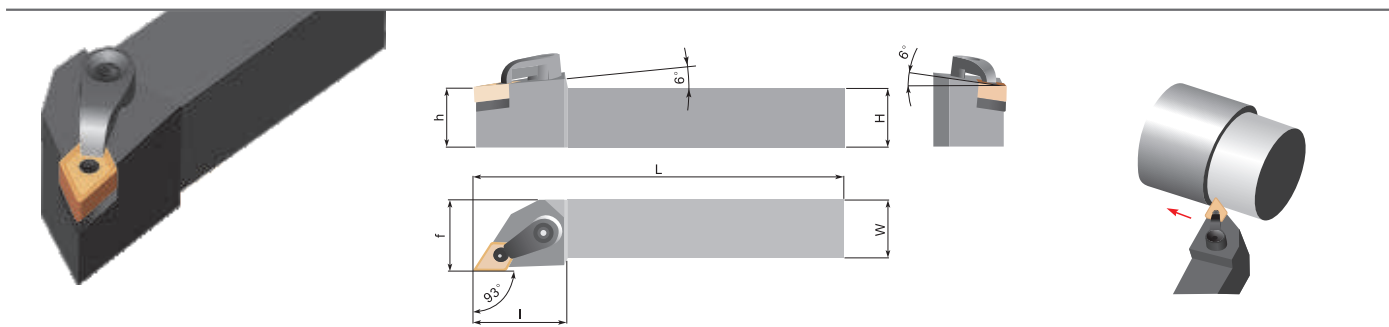
外圆车刀（M）型

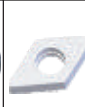
MCMNN-A 40°



型号 Type	基本尺寸 Basic size						库存 Stock						
	H	W	L	h	f	l			适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin
MCMNN2020K12A	20	20	125	20	10	36	●	CN..1204..	MC620	MS625	MC1204	ML46C	S2.5,S3.0
MCMNN2525M12A	25	25	150	25	12.5	36	●						
MCMNN2525M16A	25	25	150	25	12.5	45	○	CN..1606..	MC825	MS830	MC1604	ML58	S3.0,S4.0
MCMNN3232P16A	32	32	170	32	16	45	○						

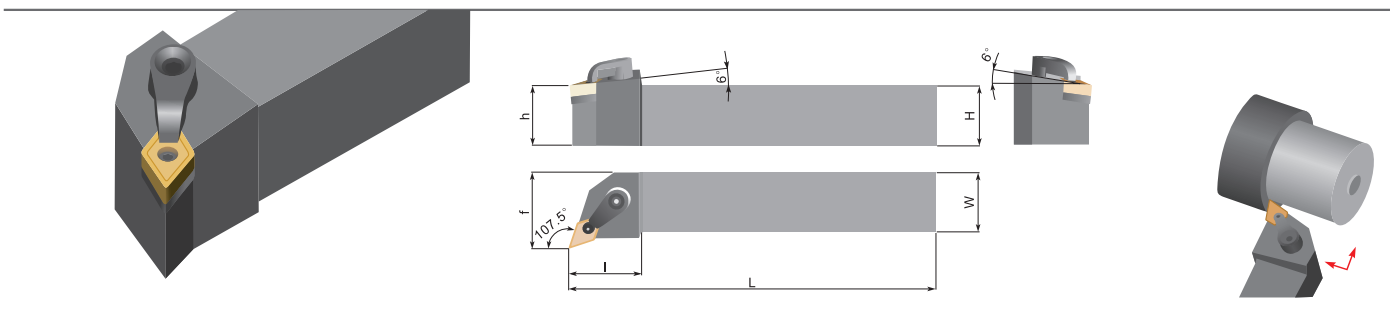
MDJNR/L 93°



型号 Type	基本尺寸 Basic size						库存 Stock							
	H	W	L	h	f	l	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
MDJNR/L1616H11	16	16	100	16	20	32	●	○	DN..1104..	MC620	MS620	MD1103	ML34L	S2.0,S3.0
MDJNR/L2020K11	20	20	125	20	25	32	●	○			DN..1504..			
MDJNR/L2020K15	20	20	125	20	25	40	●	○	DN..1104..	MC620		MS620	MD1103	ML34L
MDJNR/L2525M11	25	25	150	25	25	32	●	○			DN..1504..	MC625		
MDJNR/L2525M15	25	25	150	25	32	40	●	○	DN..1506..	MC625			MS625	MD1504
MDJNR/L3232P15	32	32	170	32	40	40	●	○			DN..1506..	MC625		
MDJNR/L4040K15	40	40	200	40	40	50	●	○	DN..1506..	MC625			MS625	MD1504
MDJNR/L2020K15A	20	20	125	20	25	40	●	○			DN..1506..	MC625		
MDJNR/L2525M15A	25	25	150	25	32	40	●	○	DN..1506..	MC625			MS625	MD1504
MDJNR/L3232P15A	32	32	170	32	40	40	●	○			DN..1506..	MC625		

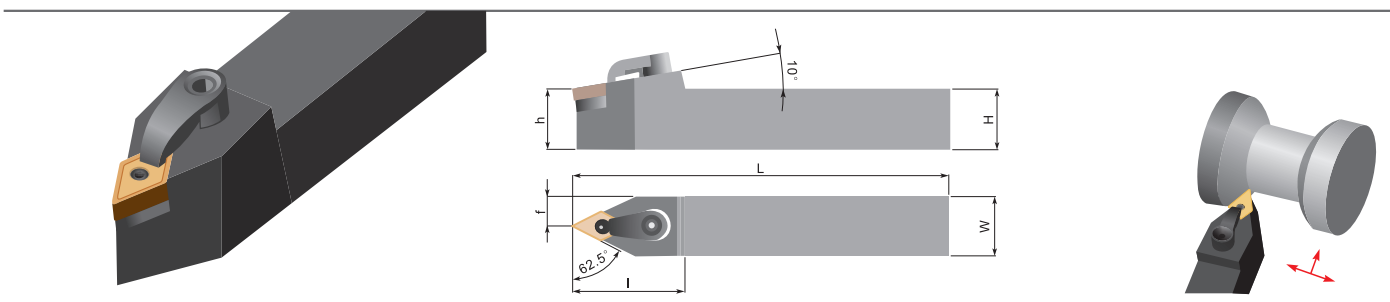
外圆车刀（M）型

MDQNR/L 107.5°



型号 Type	基本尺寸 Basic size						库存 Stock							
	H	W	L	h	f	l	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
MDQNR/L1616H11	16	16	100	16	20	32	●	○	DN..1104..	MC620	MS620	MD1103	ML34C	S2.0,S3.0
MDQNR/L2020K11	20	20	125	20	25	32	●	○						
MDQNR/L2020K15	20	20	125	20	25	40	●	○	DN..1504..	MC625	MS625	MD1504	ML46C	S2.5,S3.0
MDQNR/L2525M15	25	25	150	25	32	35	●	○						
MDQNR/L3232P15	32	32	170	32	40	35	●	○						
MDQNR/L2020K15A	20	20	125	20	25	40	●	○	DN..1506..	MC625	MS625	MD1504	ML46L	S2.5,S3.0
MDQNR/L2525M15A	25	25	150	25	32	35	●	○						
MDQNR/L3232P15A	32	32	170	32	40	35	●	○						

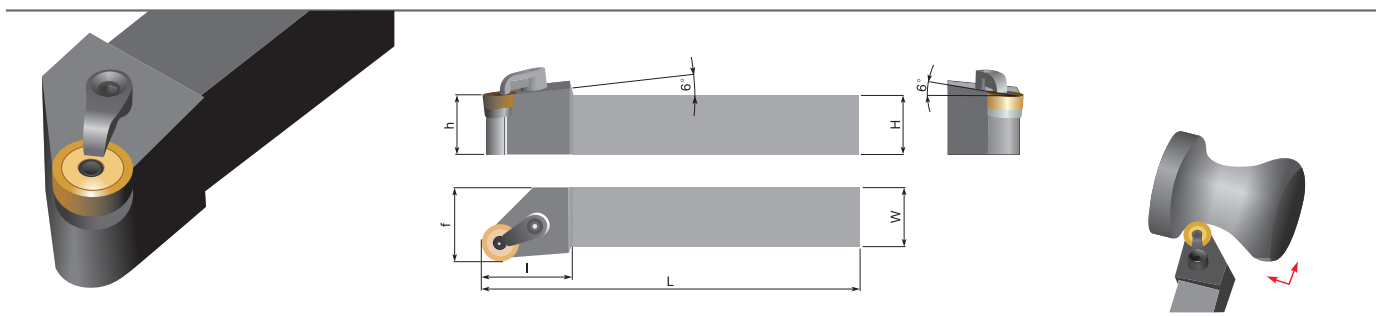
MDPNN 62.5°



型号 Type	基本尺寸 Basic size						库存 Stock						
	H	W	L	h	f	l		适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
MDPNN1616H11	16	16	100	16	8	36	●	DN..1104..	MC620	MS620	MD1103	ML34C	S2.0,S3.0
MDPNN2020K11	20	20	125	20	10	36	●						
MDPNN2020K15	20	20	125	20	10	45	●	DN..1504..	MC625	MS625	MD1504	ML46C	S2.5,S3.0
MDPNN2525M15	25	25	150	25	12.5	45	●						
MDPNN3232P15	32	32	170	32	16	45	●	DN..1506..				ML46L	
MDPNN2020K15A	20	20	125	20	10	45	○						
MDPNN2525M15A	25	25	150	25	12.5	45	○						
MDPNN3232P15A	32	32	170	32	16	45	○						

外圆车刀（M）型

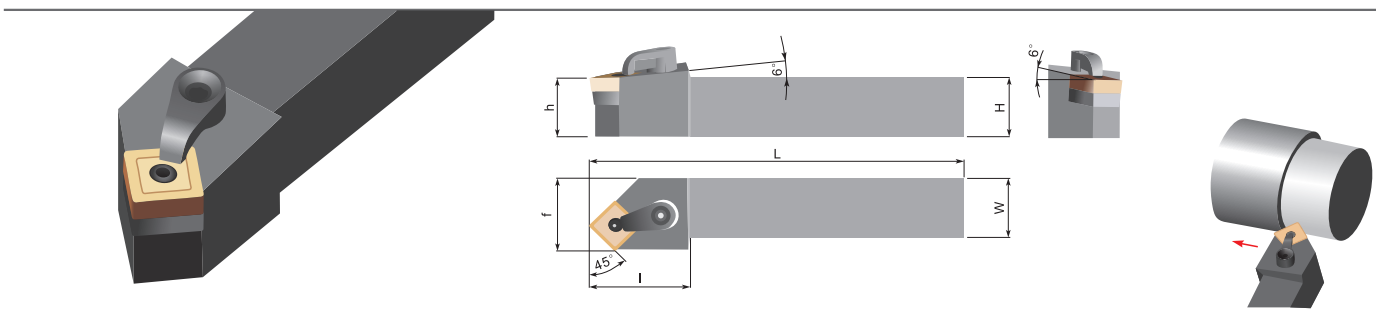
MRGNR/L



型号 Type	基本尺寸 Basic size						库存 Stock							
	H	W	L	h	f	l	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
MRGNR/L1616H09	16	16	100	16	20	30	●	○	RN..090300	MC515	MS520	MR0903	ML34	S2.0
MRGNR/L2020K09	20	20	125	20	25	30	●	○						
MRGNR/L2020K12	20	20	125	20	25	32	●	○	RN..120400	MC620	MS625	MR1204	ML46C	S2.5,S3.0
MRGNR/L2525M12	25	25	150	25	32	35	●	○						
MRGNR/L3232P12	32	32	170	32	40	35	●	○						

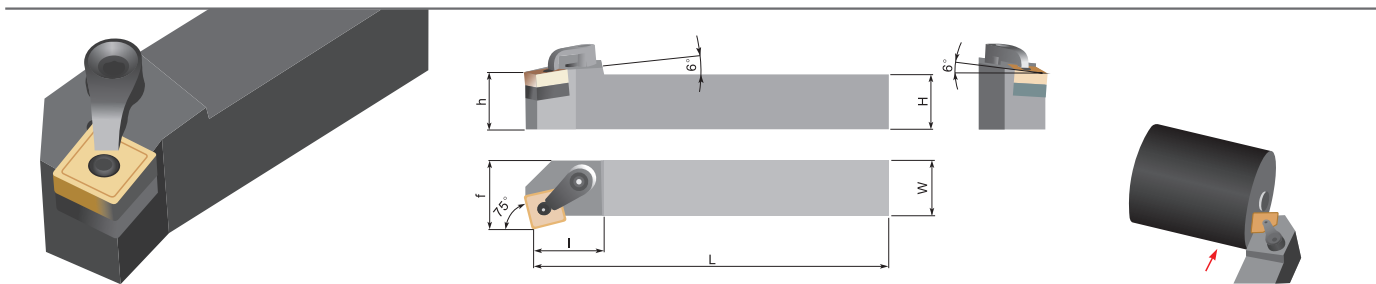
外圆车刀（M）型

MSSNR/L 45°



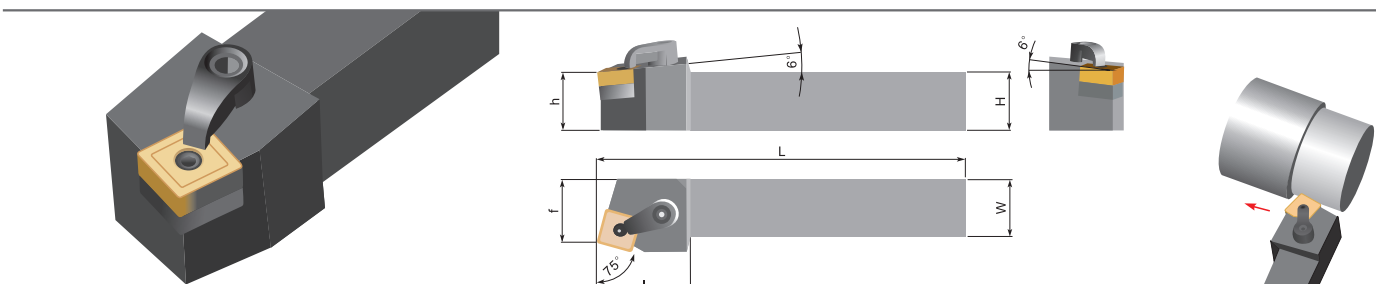
型号 Type	基本尺寸 Basic size						库存 Stock							
	H	W	L	h	f	l	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
MSSNR/L1616H09	16	16	100	16	20	32	●	○	SN..0903..	MC515	MS520	MS0903	ML34	S2.0
MSSNR/L2020K09	20	20	125	20	25	32	●	○						
MSSNR/L2020K12	20	20	125	20	25	35	●	○	SN..1204..	MC620	MS625	MS1204	ML46C	S2.5,S3.0
MSSNR/L2525M12	25	25	150	25	32	35	●	○						
MSSNR/L3232P12	32	32	170	32	40	40	●	○						
MSSNR/L2525M15	25	25	150	25	32	41	●	○	SN..1504..	MC825	MS830	MS1504	ML58	S3.0,S4.0
MSSNR/L3232P15	32	32	170	32	40	41	●	○						
MSSNR/L3232P19	32	32	170	32	40	45	●	○	SN..1906..			MS1904	ML68	S4.0

MSKNR/L 75°



型号 Type	基本尺寸 Basic size						库存 Stock							
	H	W	L	h	f	l	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
MSKNR/L1616H09	16	16	100	16	20	28	●	○	SN..0903..	MC515	MS520	MS0903	ML34	S2.0
MSKNR/L2020K09	20	20	125	20	25	28	●	○						
MSKNR/L2020K12	20	20	125	20	25	25	●	○	SN..1204..	MC620	MS625	MS1204	ML46C	S2.5,S3.0
MSKNR/L2525M12	25	25	150	25	32	32	●	○						
MSKNR/L3232P12	32	32	170	32	40	41	●	○						
MSKNR/L2525M15	25	25	150	25	32	32	●	○	SN..1504..	MC825	MS830	MS1504	ML58	S3.0,S4.0
MSKNR/L3232P15	32	32	170	32	40	41	●	○						

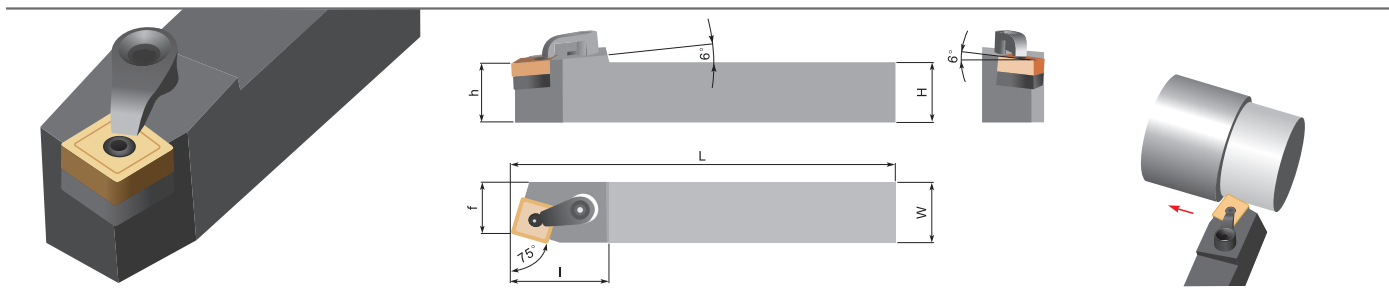
MSRNR/L 75°



型号 Type	基本尺寸 Basic size						库存 Stock							
	H	W	L	h	f	l	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
MSRNR/L1616H09	16	16	100	16	17	32	●	○	SN..0903..	MC515	MS520	MS0903	ML34	S2.0
MSRNR/L2020K09	20	20	125	20	22	32	●	○						
MSRNR/L2020K12	20	20	125	20	22	32	●	○						
MSRNR/L2525M12	25	25	150	25	27	32	●	○	SN..1204..	MC620	MS625	MS1204	ML46C	S2.5,S3.0
MSRNR/L3232P12	32	32	170	32	35	32	●	○						

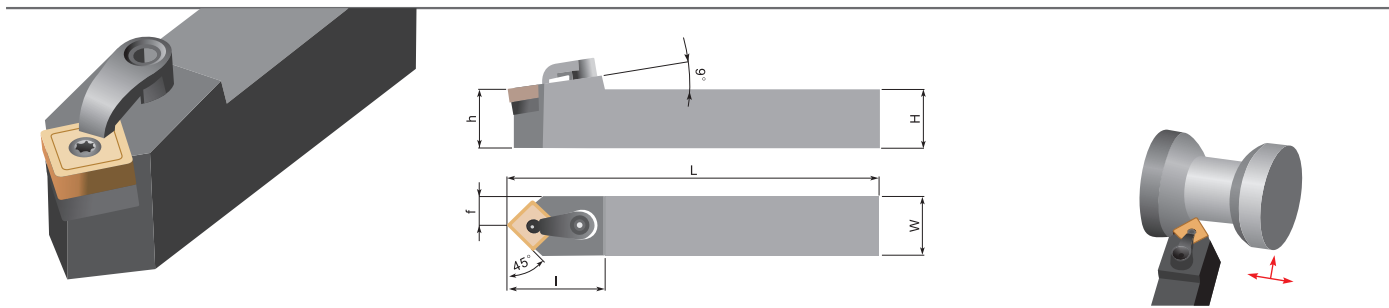
外圆车刀（M）型

MSBNR/L 75°



型号 Type	基本尺寸 Basic size						库存 Stock							
	H	W	L	h	f	l	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
MSBNR/L2020K12	20	20	125	20	17	32	●	○	SN..1204..	MC620	MS625	MS1204	ML46C	S2.5,S3.0
MSBNR/L2525M12	25	25	150	25	22	32	●	○						
MSBNR/L3232P12	32	32	170	32	27	32	●	○						
MSBNR/L2525M15	25	25	150	25	22	41	●	○	SN..1504..	MC825	MS830	MS1504	ML58	S3.0,S4.0
MSBNR/L3232P15	32	32	170	32	27	41	●	○				SN..1906..		
MSBNR/L3232P19	32	32	170	32	27	45	●	○						
MSBNR/L4040R19	40	40	200	40	35	45	●	○						

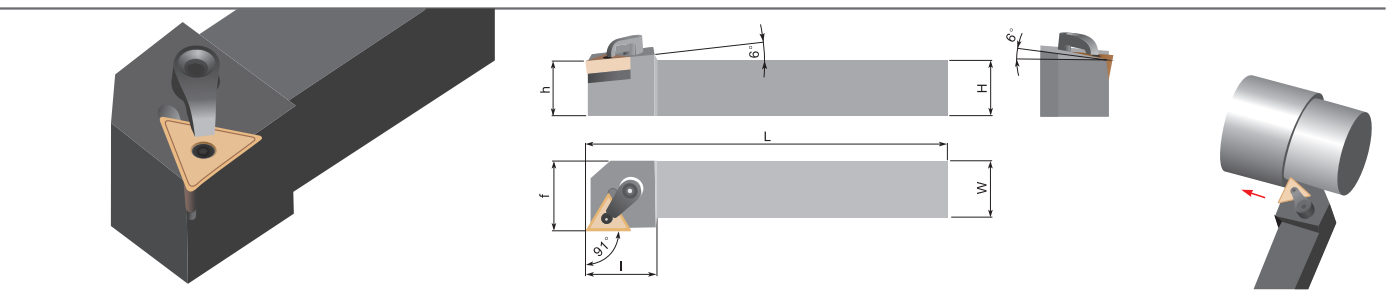
MSDNN 45°

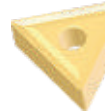
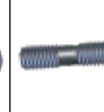
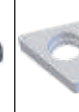


型号 Type	基本尺寸 Basic size						库存 Stock						
	H	W	L	h	f	l		适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
MSDNN/L1616H09	16	16	100	16	8	32	○	SN..0903..	MC515	MS520	MS0903	ML34	S2.0
MSDNN/L2020K09	20	20	125	20	10	32	○						
MSDNN/L2020K12	20	20	125	20	10	35	●						
MSDNN/L2525M12	25	25	150	25	12.5	35	●	SN..1204..	MC620	MS625	MS1204	ML46C	S2.5,S3.0
MSDNN/L3232P12	32	32	170	32	16	35	○						
MSDNN/L2525M15	25	25	150	25	12.5	45	●	SN..1504..	MC825	MS830	MS1504	ML58	S3.0,S4.0
MSDNN/L3232P15	32	32	170	32	16	45	●						

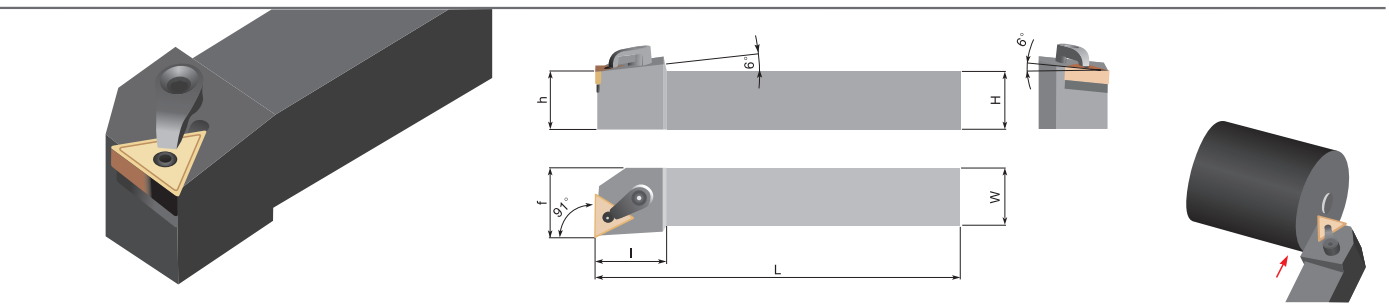
外圆车刀（M）型

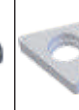
MTGNR/L 91°



型号 Type	基本尺寸 Basic size						库存 Stock							
	H	W	L	h	f	l	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
MTGNR/L1616H16	16	16	100	16	20	32	●	○	TN..1604..	MC620	MS620	MT1603	ML34C	S2.0,S3.0
MTGNR/L2020K16	20	20	125	20	25	32	●	○						
MTGNR/L2525M16	25	25	150	25	32	32	●	○			MS625			
MTGNR/L3232P16	32	32	170	32	40	32	●	○						
MTGNR/L2525M22	25	25	150	25	32	35	●	○	TN..2204..	MC825	MS830	MT2204	ML46C	S2.5,S4.0
MTGNR/L3232P22	32	32	170	32	40	35	●	○						
MTGNR/L4040R22	40	40	200	40	50	35	●	○						

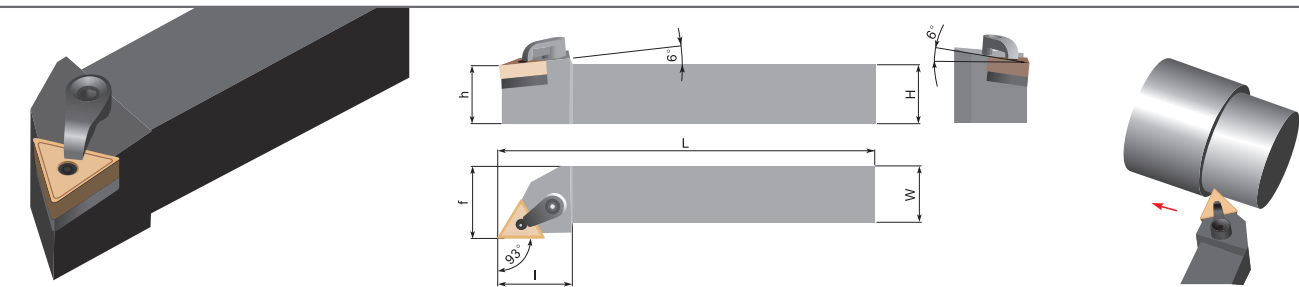
MTFNr/L 91°



型号 Type	基本尺寸 Basic size						库存 Stock							
	H	W	L	h	f	l	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
MTFNr/L1616H16	16	16	100	16	20	32	●	○	TN..1604..	MC620	MS620	MT1603	ML34C	S2.0,S3.0
MTFNr/L2020K16	20	20	125	20	25	32	●	○			MS625			
MTFNr/L2525M16	25	25	150	25	32	32	●	○						
MTFNr/L3232P16	32	32	170	32	40	32	●	○						
MTFNr/L2525M22	25	25	150	25	32	40	●	○	TN..2204..	MC825	MS830	MT2204	ML46C	S2.5,S4.0
MTFNr/L3232P22	32	32	170	32	40	40	●	○						

外圆车刀（M/W）型

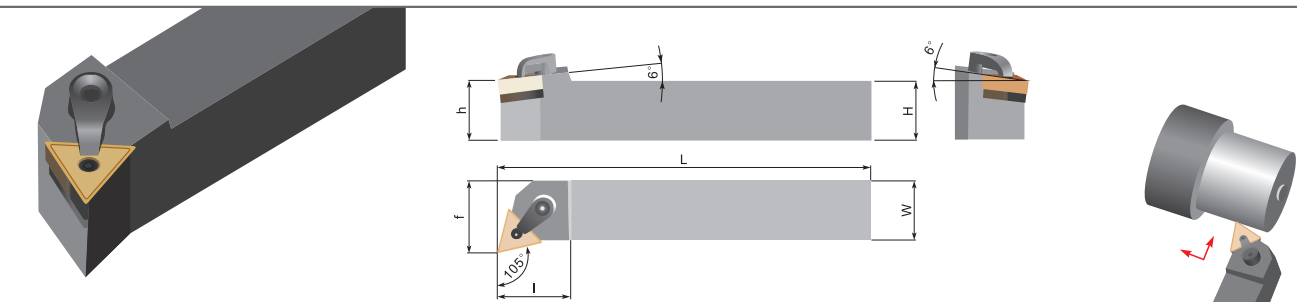
MTJNR/L 93°



型号 Type	基本尺寸 Basic size						库存 Stock							
	H	W	L	h	f	l	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
MTJNR/L1616H16	16	16	100	16	20	30	●	○	TN..1604..	MC620	MS620	MT1603	ML34C	S2.0,S3.0
MTJNR/L2020K16	20	20	125	20	25	32	●	○			MS625			
MTJNR/L2525M16	25	25	150	25	32	32	●	○						
MTJNR/L3232P16	32	32	170	32	40	32	●	○	TN..2204..	MC825	MS830	MT2204	ML46C	S2.5,S4.0
MTJNR/L2525M22	25	25	150	25	32	40	●	○						
MTJNR/L3232P22	32	32	170	32	40	40	●	○						

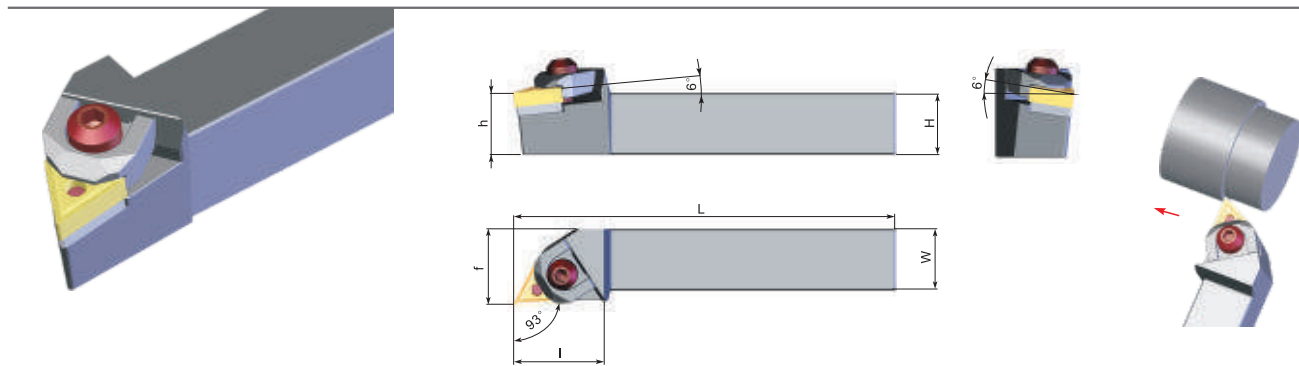
外圆车刀（M/W）型

MTQNR/L 105°



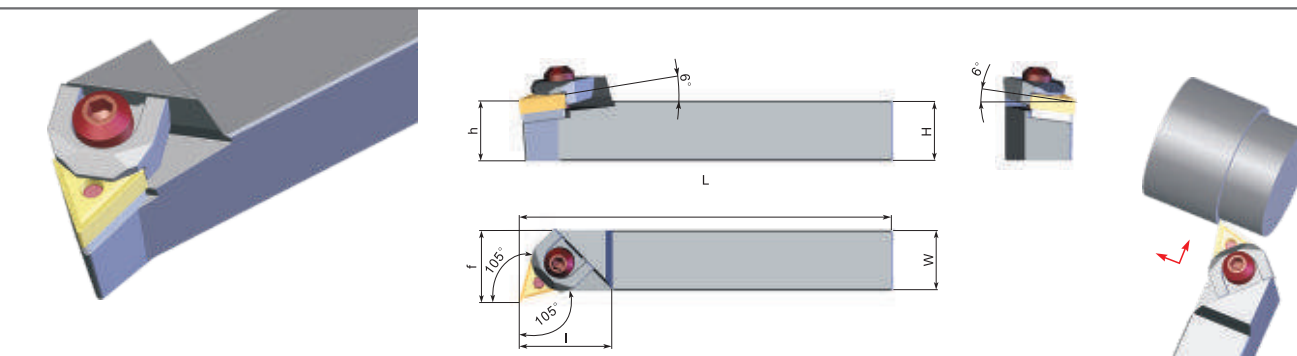
型号 Type	基本尺寸 Basic size						库存 Stock							
	H	W	L	h	f	l	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
MTQNR/L1616H16	16	16	100	16	20	26	●	○	TN..1604..	MC620	MS620	MT1603	ML34C	S2.0,S3.0
MTQNR/L2020K16	20	20	125	20	25	26	●	○			MS625			
MTQNR/L2525M16	25	25	150	25	32	26	●	○						
MTQNR/L3232P16	32	32	170	32	40	30	●	○	TN..2204..	MC825	MS830	MT2204	ML46C	S2.5,S4.0
MTQNR/L2525M22	25	25	150	25	32	35	●	○						
MTQNR/L3232P22	32	32	170	32	40	35	●	○						
MTQNR/L4040R22	40	40	200	40	50	35	●	○						

WTJNR/L 93°



型号 Type	基本尺寸 Basic size						库存 Stock								
	H	W	L	h	f	l	R	L	适用刀片 Insert	压板 Clamp	压板螺钉 Clamp Screw	弹簧圈 Spring	刀垫 Shim	销钉 Pin	扳手 Wrench
WTJNR/L1616K16-F21	16	16	125	16	21	32	●	●	TN..1604..	WHL16	WYL523	ER05	MT1603	WCT515	L2.5 L4.0
WTJNR/L2020K16	20	20	125	20	25	32	●	●							
WTJNR/L2525M16	25	25	150	25	32	32	●	●							
WTJNR/L3232P16	32	32	170	32	40	32	●	●	TN..2204..	WHL22	WYL628		MT2204	WCT618	L3.0 L4.0
WTJNR/L2525M22	25	25	150	25	32	40	●	○							
WTJNR/L3232P22	32	32	170	32	40	40	●	○							

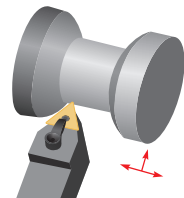
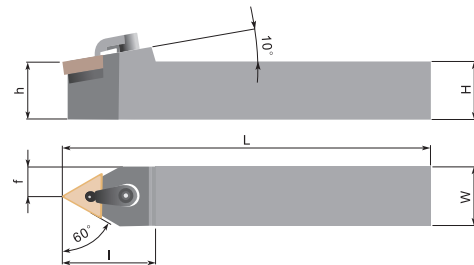
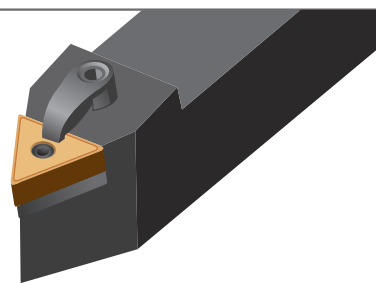
WTQNR/L 105°



型号 Type	基本尺寸 Basic size						库存 Stock								
	H	W	L	h	f	l	R	L	适用刀片 Insert	压板 Clamp	压板螺钉 Clamp Screw	弹簧圈 Spring	刀垫 Shim	销钉 Pin	扳手 Wrench
	WTQNR/L2020K16	20	20	125	20	25	32	○	○	TN..1604..	WHL16	WYL523	ER05	MT1603	WCT515
WTQNR/L2525M16	25	25	150	25	32	32	○	○							

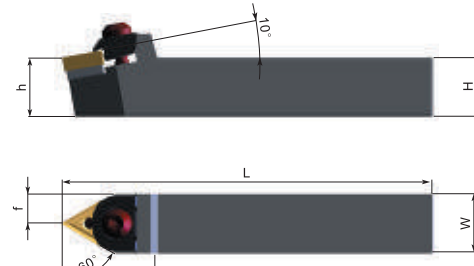
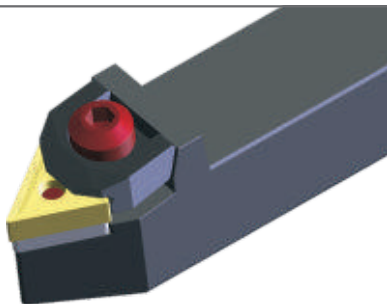
外圆车刀（M/W）型

MTENN 60°



型号 Type	基本尺寸 Basic size						库存 Stock							
	H	W	L	h	f	l		适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench	
MTENN1616H16	16	16	100	16	8	35	●	TN..1604..	MC620	MS620	MT1603	ML34C	S2.0 S3.0	
MTENN2020K16	20	20	125	20	10	35	●			MS625				
MTENN2525M16	25	25	150	25	12.5	35	●							
MTENN3232P16	32	32	170	32	16	35	●							
MTENN2525M22	25	25	150	25	12.5	40	○	TN..2204..	MC825	MS830	MT2204	ML46C	S2.5 S4.0	
MTENN3232P22	32	32	170	32	16	40	○							
MTENN4040R22	40	40	200	40	20	40	○							

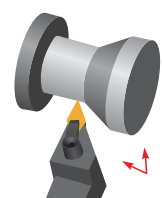
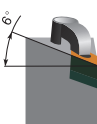
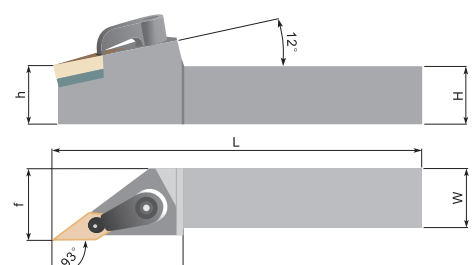
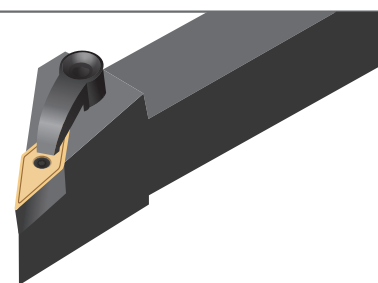
WTENN 60°



型号 Type	基本尺寸 Basic size						库存 Stock							
	H	W	L	h	f	l		适用刀片 Insert	压板 Clamp	压板螺钉 Clamp Screw	弹簧圈 Spring	刀垫 Shim	销钉 Pin	扳手 Wrench
WTENN2020K16	20	20	125	20	10	32	●	TN..1604..	WHL16	WYL523	ER05	MT1603	WCT515	L2.5 L4.0
WTENN2525M16	25	25	150	25	12.5	32	●							
WTENN2525M22	25	25	150	25	12.5	40	○	TN..2204..	WHL22	WYL628		MT2204	WCT618	L3.0 , L4.0

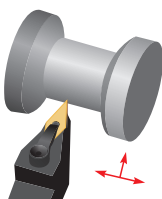
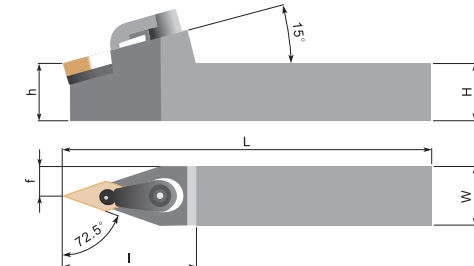
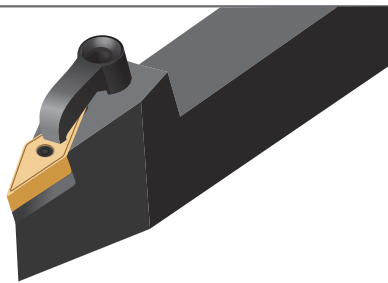
外圆车刀（M）型

MVJNR/L 93°



型号 Type	基本尺寸 Basic size						库存 Stock							
	H	W	L	h	f	l	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
MVJNR/L1616H16	16	16	100	16	20	45	●	●	VN..1604..	MC625	MS625	MV1603	ML34C	S2.0 S3.0
MVJNR/L2020K16	20	20	125	20	25	45	●	●						
MVJNR/L2525M16	25	25	150	25	32	45	●	●						
MVJNR/L3232P16	32	32	170	32	40	45	●	●						

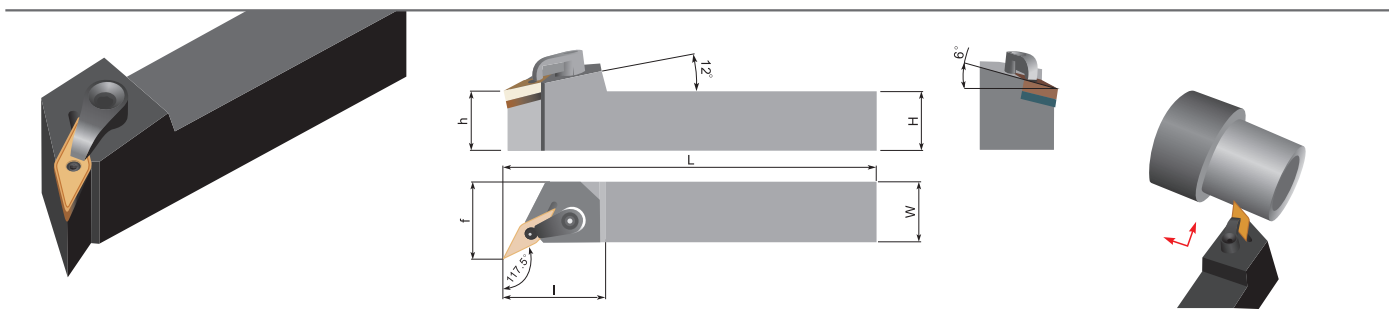
MVVNN 72.5°



型号 Type	基本尺寸 Basic size						库存 Stock						
	H	W	L	h	f	l		适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
MVVNN1616H16	16	16	100	16	8	47	●	VN..1604..	MC625	MS625	MV1603	ML34C	S2.0 S3.0
MVVNN2020K16	20	20	125	20	10	47	●						
MVVNN2525M16	25	25	150	25	12.5	47	●						
MVVNN3232P16	32	32	170	32	16	47	●						

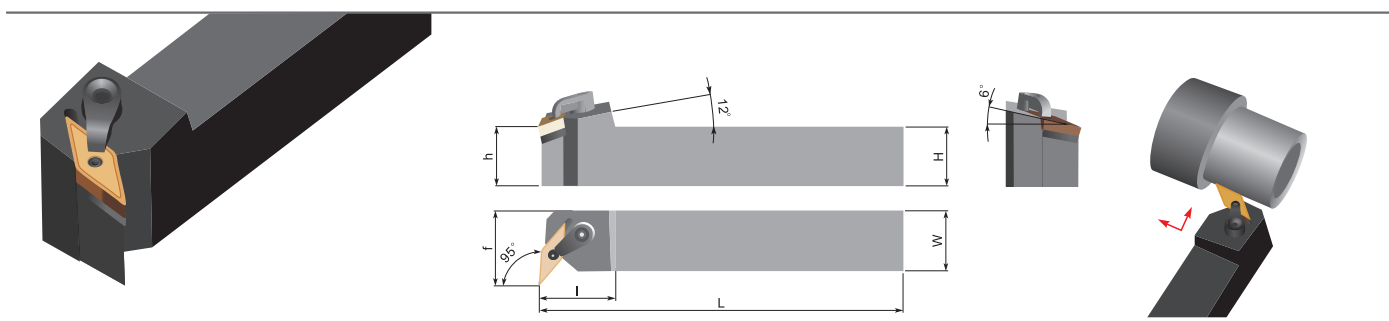
外圆车刀（M）型

MVQNR/L 117.5°



型号 Type	基本尺寸 Basic size								库存 Stock						
	H	W	L	h	f	l	R	L							
MVQNR/L2020K16	20	20	125	20	25	40	●	○	VN..1604..	MC622	MS625	MV1603	ML34C	S2.0	S3.0
MVQNR/L2525M16	25	25	150	25	32	40	●	○							
MVQNR/L3232P16	32	32	170	32	40	40	●	○							

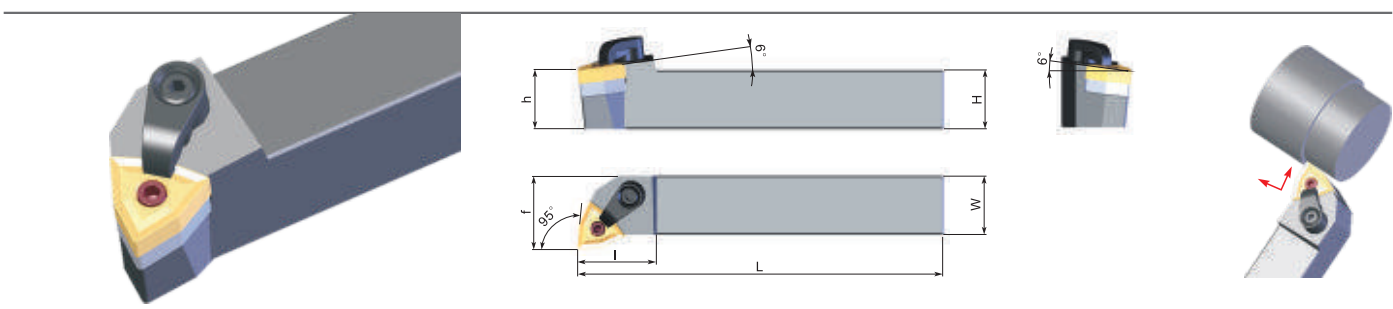
MVUNR/L 95°



型号 Type	基本尺寸 Basic size								库存 Stock						
	H	W	L	h	f	l	R	L							
MVUNR/L2525M16	25	25	150	25	32	33	●	○	VN..1604..	MC622	MS625	MV1603	ML34C	S2.0	S3.0
MVUNR/L3232P16	32	32	170	32	40	33	●	○							

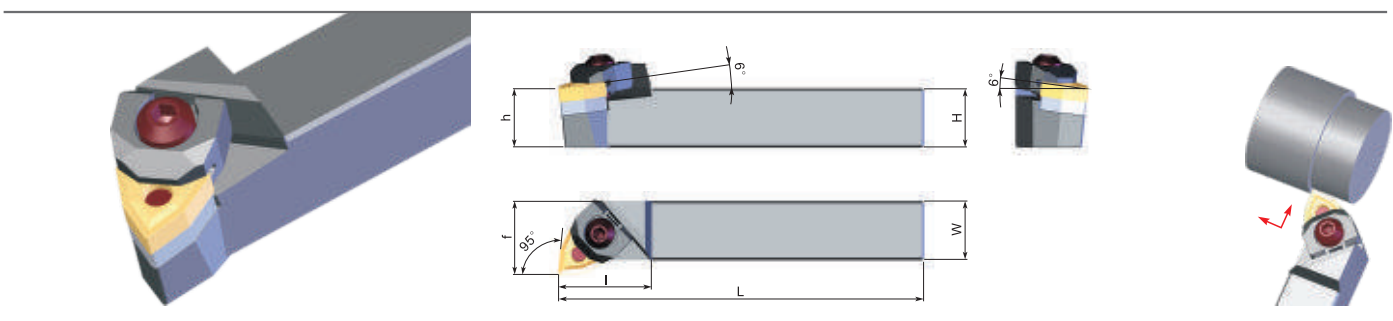
外圆车刀（M/W）型

MWLNR/L 95°



型号 Type	基本尺寸 Basic size						库存 Stock							
	H	W	L	h	f	l	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
MWLNR/L1616H06	16	16	100	16	20	27	●	●	WN..0604..	MC515	MS520	MW0603	ML34C	S2.0
MWLNR/L2020K06	20	20	125	20	25	27	●	●			MS620			
MWLNR/L1616H08	16	16	100	16	20	28	●	●	WN..0804..	MC620	MS625	MW0804	ML46C	S2.5 S3.0
MWLNR/L2020K08	20	20	125	20	25	28	●	●						
MWLNR/L2525M08	25	25	150	25	32	28	●	●						
MWLNR/L3232P08	32	32	170	32	40	28	●	●						
MWLNR/L4040R08	40	40	200	40	50	33	●	●						

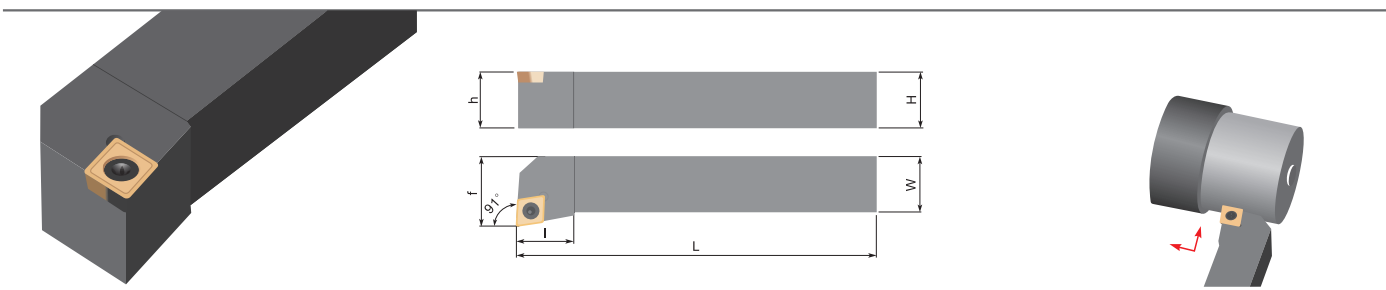
WWLNR/L 95°



型号 Type	基本尺寸 Basic size								库存 Stock						
	H	W	L	H	F	I	R	L							
WWLNR/L2020K08	20	20	125	20	25	32	●	●	WN..0804..	WHL08	WYL525	ER05	MW0804	WCT618	S3.0 S4.0
WWLNR/L2525M08	25	25	150	25	32	32	●	●							
WWLNR/L3232P08	32	32	170	32	40	32	●	●							

外圆车刀 (S) 型

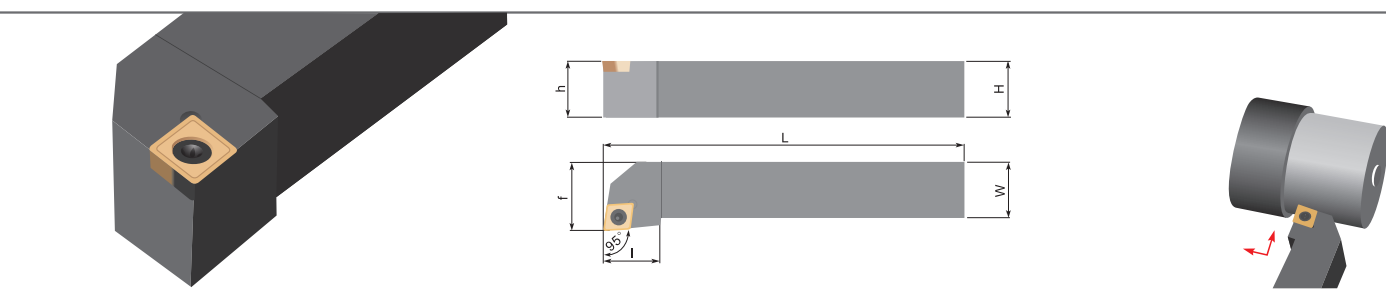
SCFCR/L 91°



型号 Type	基本尺寸 Basic size						库存 Stock				
	H	W	L	h	f	l	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
SCFCR/L1010H06	10	10	100	10	12	12	●	○	CC..0602..	M2.5X8	T8
SCFCR/L1212H06	12	12	100	12	16	14	●	○			
SCFCR/L1212H09	12	12	100	12	16	16	●	○	CC..09T3..	M4X10	T15
SCFCR/L1616H09	16	16	100	16	20	16	●	○			
SCFCR/L2020K09	20	20	125	20	25	25	●	○			
SCFCR/L2525M09	25	25	150	25	32	25	●	○	CC..1204..	M5X12	T20
SCFCR/L2525M12	25	25	150	25	32	25	●	○			

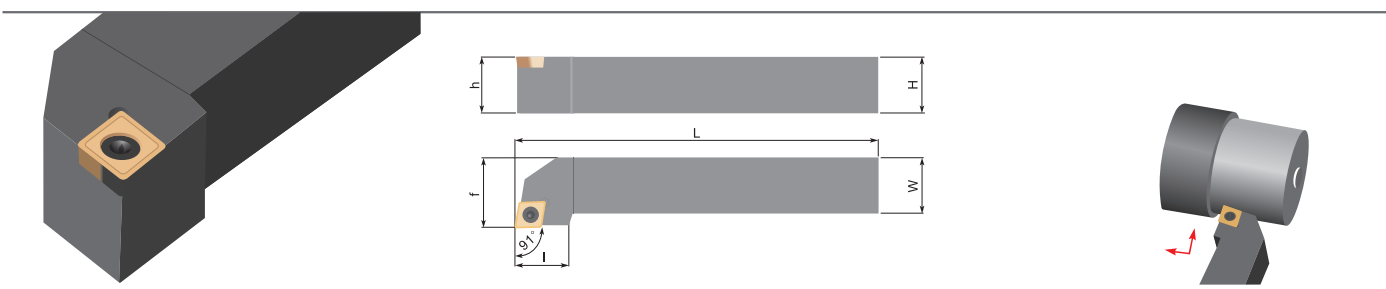
外圆车刀 (S) 型

SCLCR/L 95°



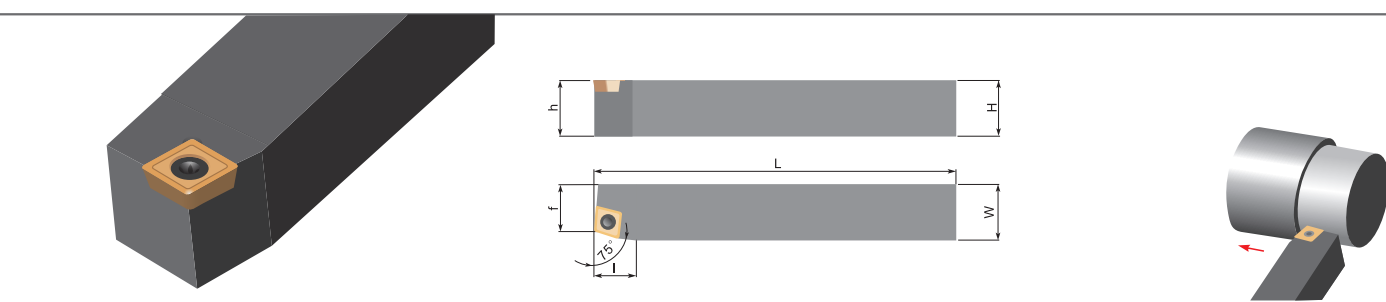
型号 Type	基本尺寸 Basic size						库存 Stock				
	H	W	L	h	f	l	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
SCLCR/L1010H06	10	10	100	10	12	12	●	○	CC..0602..	M2.5X8	T8
SCLCR/L1212H06	12	12	100	12	16	15	●	○			
SCLCR/L1616H06	16	16	100	16	20	15	○	○			
SCLCR/L1212H09	12	12	100	12	16	18	●	●	CC..09T3..	M4X10	T15
SCLCR/L1616H09	16	16	100	16	20	18	●	●			
SCLCR/L2020K09	20	20	125	20	25	22	●	●			
SCLCR/L2525M09	25	25	150	25	32	24	●	●	CC..1204..	M5X12	T20
SCLCR/L2020K12	20	20	125	20	25	23	●	●			
SCLCR/L2525M12	25	25	150	25	32	26	●	●			
SCLCR/L3232P12	32	32	170	32	40	26	●	○			

SCGCR/L 91°



型号 Type	基本尺寸 Basic size						库存 Stock				
	H	W	L	h	f	l	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
SCGCR/L1212H06	12	12	100	12	16	16	●	○	CC..0602..	M2.5x6	T8
SCGCR/L1212H09	12	12	100	12	16	16	●	○			
SCGCR/L1616H09	16	16	100	16	20	16	●	○	CC..09T3..	M4X10	T15
SCGCR/L2020K09	20	20	125	20	25	25	●	○			
SCGCR/L2525M09	25	25	150	25	32	25	●	○			
SCGCR/L2525M12	25	25	150	25	32	25	●	○	CC..1204..	M5X12	T20
SCGCR/L2020K12	20	20	125	20	25	25	●	○			

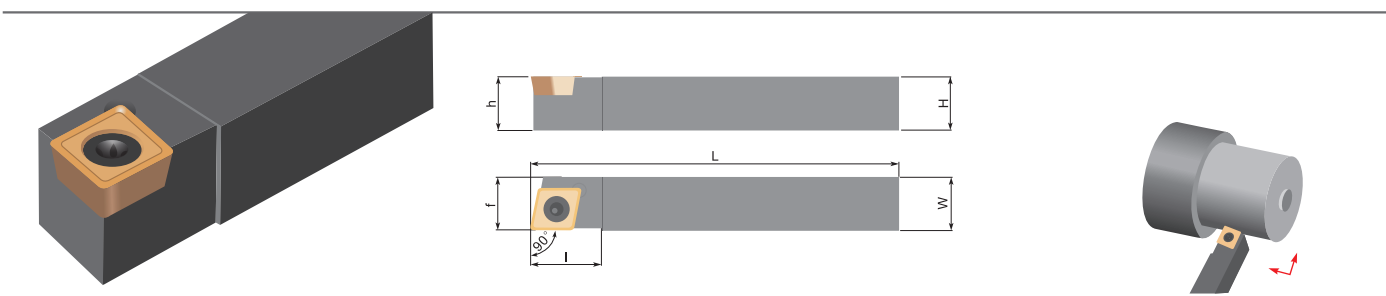
SCBCR/L 75°



型号 Type	基本尺寸 Basic size						库存 Stock				
	H	W	L	h	f	l	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
SCBCR/L1212H09	12	12	100	12	9.5	16	●	○	CC..09T3..	M4X10	T15
SCBCR/L1616H09	16	16	100	16	13	16	●	○			
SCBCR/L2020K09	20	20	125	20	17	20	●	○			
SCBCR/L2525M09	25	25	150	25	22	25	●	○	CC..1204..	M5X12	T20
SCBCR/L2020K12	20	20	125	20	17	20	●	○			
SCBCR/L2525M12	25	25	150	25	22	25	●	○			

外圆车刀 (S) 型

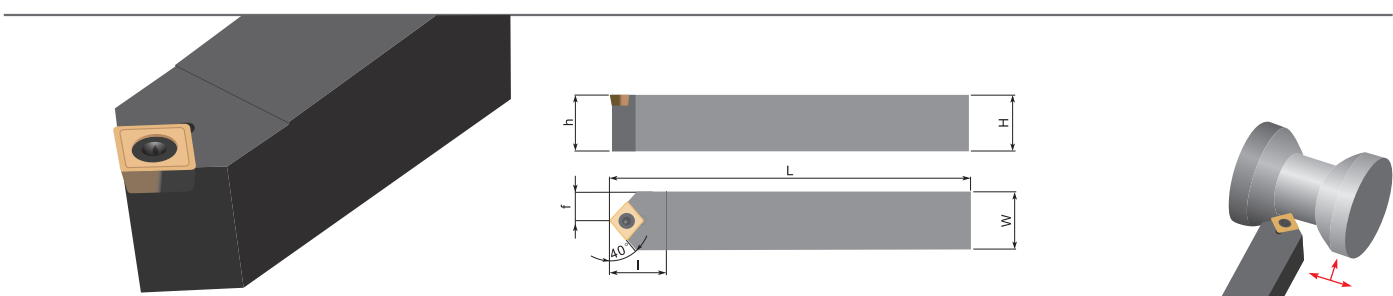
SCACR/L 90°



型号 Type	基本尺寸 Basic size						库存 Stock				
	H	W	L	h	f	l	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
SCACR/L0808K06	8	8	125	8	8	12	●	○	CC..0602..	M2.5X6	T8
SCACR/L1010K06	10	10	125	10	10	12	●	○		M2.5X8	
SCACR/L1212K06	12	12	125	12	12	12	●	○			
SCACR/L1212K09	12	12	125	12	12	16	●	○	CC..09T3..	M4X10	T15

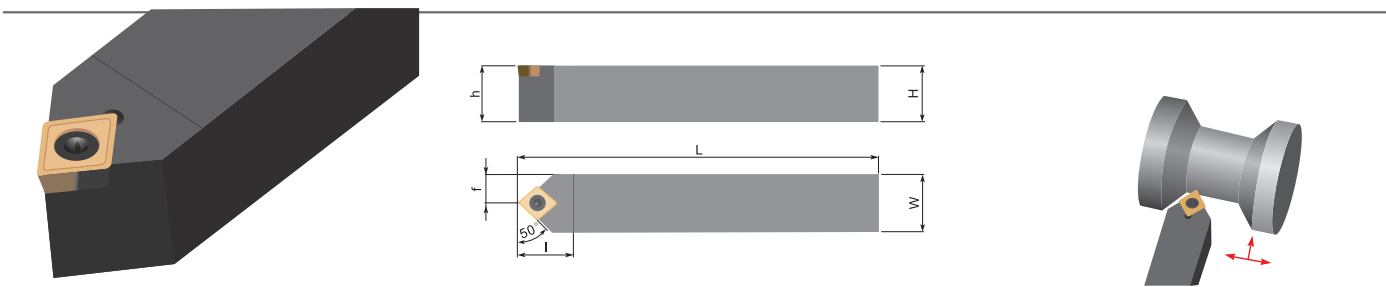
外圆车刀 (S) 型

SCMCN-A 40°



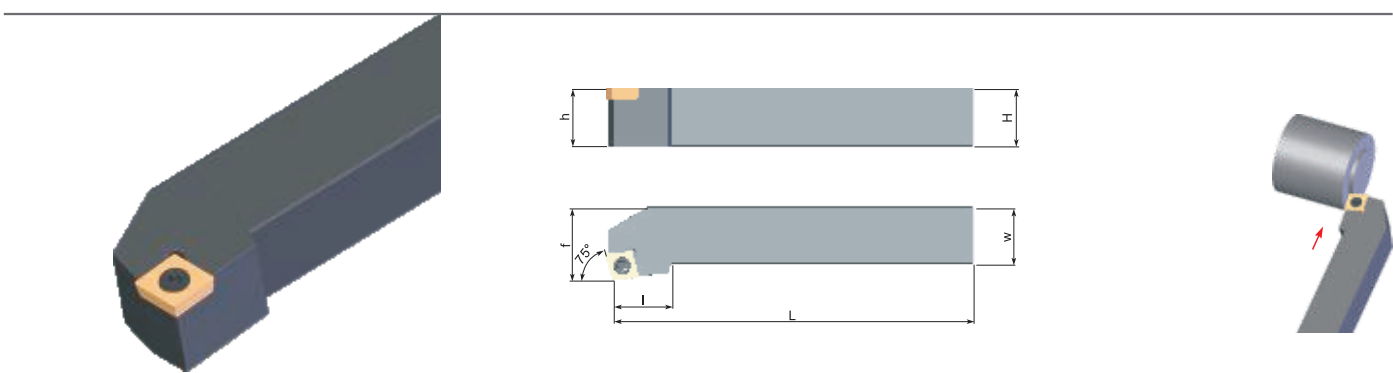
型号 Type	基本尺寸 Basic size						库存 Stock			
	H	W	L	h	f	l		适用刀片 Insert	螺钉 Screw	扳手 Wrench
SCMCN1616H09A	16	16	100	16	8	18	●	CC..09T3..	M4X10	T15
SCMCN2020K09A	20	20	125	20	10	20	●			
SCMCN2020K12A	20	20	125	20	10	23	●	CC..1204..	M5X12	T20
SCMCN2525M12A	25	25	150	25	12.5	26	●			

SCMCN 50°



型号 Type	基本尺寸 Basic size						库存 Stock			
	H	W	L	h	f	l		适用刀片 Insert	螺钉 Screw	扳手 Wrench
SCMCN1212H09	12	12	100	12	6	18	●	CC..09T3..	M4X10	T15
SCMCN1616H09	16	16	100	16	8	18	●			
SCMCN2020K09	20	20	125	20	10	20	●			
SCMCN2020K12	20	20	125	20	10	23	●	CC..1204..	M5X12	T20
SCMCN2525M12	25	25	150	25	12.5	26	●			

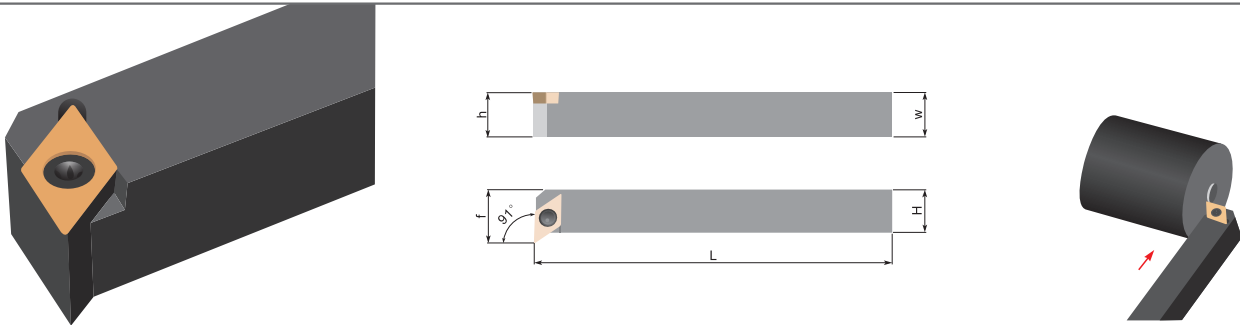
SCKCR/L75°



型号 Type	基本尺寸 Basic size						库存 Stock				
	H	W	L	h	f	l	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
	SCKCR/L2020K09	20	20	125	20	25	25	●	○	CC..09T3..	M4X10
SCKCR/L2525M09	25	25	150	25	32	25	●	○			

外圆车刀 (S) 型

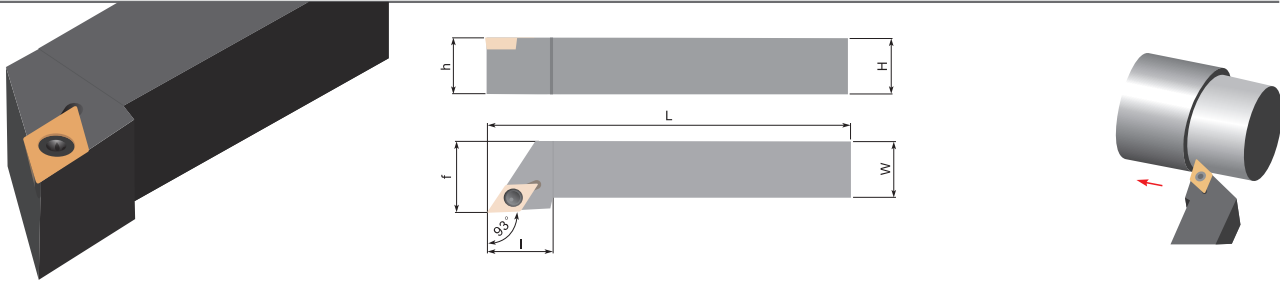
SDFCR/L 91°



型号 Type	基本尺寸 Basic size						库存 Stock				
	H	W	L	h	f	l	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
SDFCR/L1212H07	12	12	100	12	16	10	●	○	DC..0702..	M2.5X8	T8
SDFCR/L1212H11	12	12	100	12	16	15	●	○			
SDFCR/L1616K11	16	16	125	16	20	15	●	○			

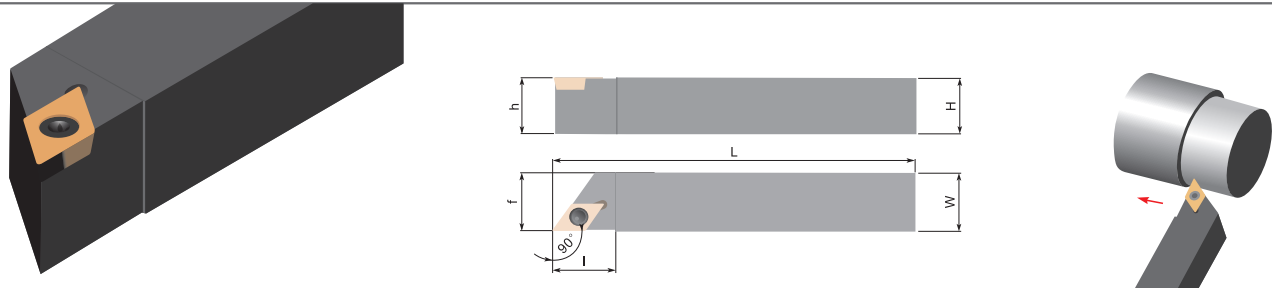
外圆车刀 (S) 型

SDJCR/L 93°



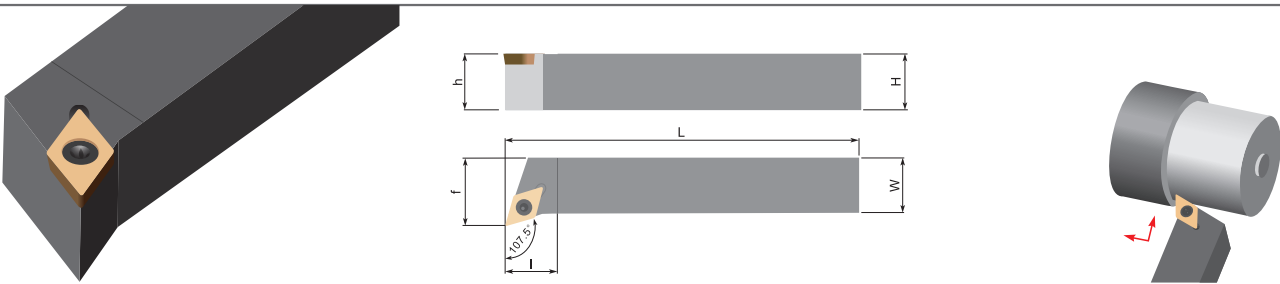
型号 Type	基本尺寸 Basic size						库存 Stock				
	H	W	L	h	f	l	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
SDJCR/L1010H07	10	10	100	10	12	16	●	○	DC..0702..	M2.5X8	T8
SDJCR/L1212H07	12	12	100	12	16	16	●	○			
SDJCR/L1616H07	16	16	100	16	20	18	●	○			
SDJCR/L2020K07	20	20	125	20	25	18	●	○			
SDJCR/L1212H11	12	12	100	12	16	24	●	○	DC..11T3..	M4X10	T15
SDJCR/L1616H11	16	16	100	16	20	24	●	○			
SDJCR/L2020K11	20	20	125	20	25	24	●	○			
SDJCR/L2525M11	25	25	150	25	32	28	●	○			
SDJCR/L3232P11	32	32	170	32	40	35	●	○			

SDACR/L 90°



型号 Type	基本尺寸 Basic size						库存 Stock				
	H	W	L	h	f	l	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
SDACR/L0808K07	8	8	125	8	8	15	●	○	DC..0702..	M2.5X6	T8
SDACR/L1010K07	10	10	125	10	10	15	●	○		M2.5X8	
SDACR/L1212K07	12	12	125	12	12	15	●	○			
SDACR/L1212K11	12	12	125	12	12	15	●	○			
SDACR/L1616K11	16	16	125	16	16	15	●	○	DC..11T3..		M4X10
SDACR/L2020K11	20	20	125	20	20	18	●	○			
SDACR/L2525M11	25	25	150	25	25	18	●	○			

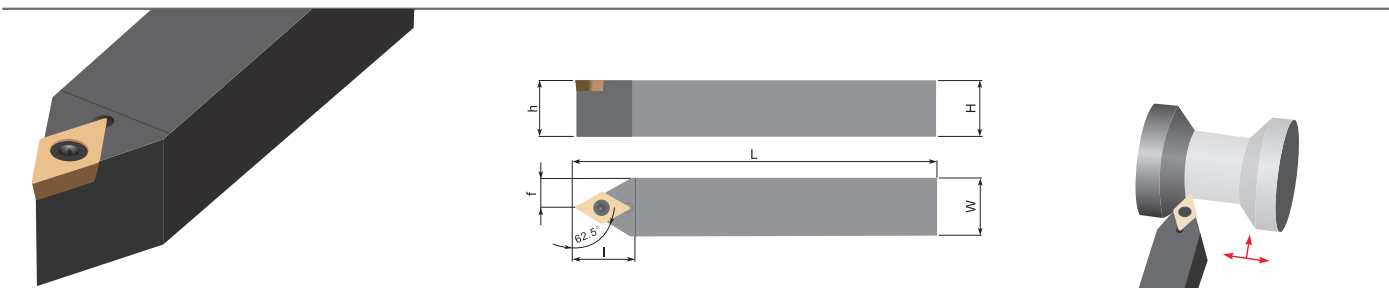
SDQCR/L 107.5°



型号 Type	基本尺寸 Basic size						库存 Stock				
	H	W	L	h	f	l	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
SDQCR/L1010H07	10	10	100	10	12	15	●	○	DC..0702..	M2.5X8	T8
SDQCR/L1212H07	12	12	100	12	16	15	●	○			
SDQCR/L1616H07	16	16	100	16	20	15	●				
SDQCR/L1212H11	12	12	100	12	16	20	●		DC..11T3..	M4X10	T15
SDQCR/L1616H11	16	16	100	16	20	20	●	○			
SDQCR/L2020K11	20	20	125	20	25	20	●	○			
SDQCR/L2525M11	25	25	150	25	32	25	●	○			

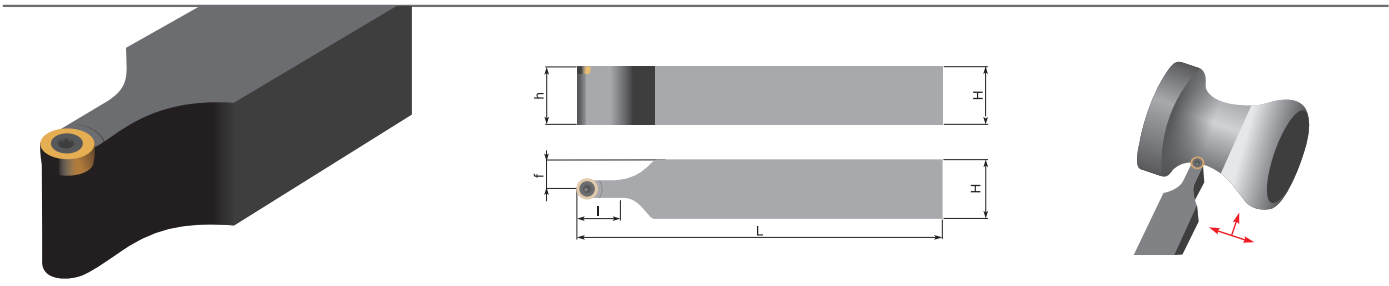
外圆车刀 (S) 型

SDNCN 62.5°



型号 Type	基本尺寸 Basic size						库存 Stock			
	H	W	L	h	f	l		适用刀片 Insert	螺钉 Screw	扳手 Wrench
SDNCN1010H07	10	10	100	10	5	16	●	DC..0702..	M2.5X6	T8
SDNCN1212H07	12	12	100	12	6	16	●			
SDNCN1616H07	16	16	100	16	8	18	●			
SDNCN2020K07	20	20	125	20	10	20	●			
SDNCN2525M07	25	25	150	25	12.5	25	●			
SDNCN1212H11	12	12	100	12	6	22	●	DC..11T3..	M4X10	T15
SDNCN1616H11	16	16	100	16	8	22	●			
SDNCN2020K11	20	20	125	20	10	22	●			
SDNCN2525M11	25	25	150	25	12.5	25	●			

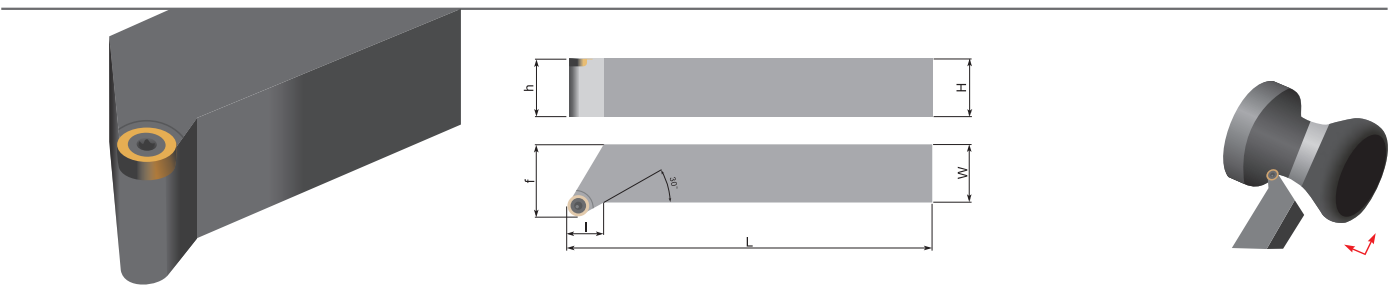
SRDCN



型号 Type	基本尺寸 Basic size						库存 Stock			
	H	W	L	h	f	l				
SRDCN1616H06	16	16	100	16	8	12	●	RC..0602..	M2.5X8	T8
SRDCN2020K06	20	20	125	20	10	12	●			
SRDCN1212H08	12	12	100	12	6	16	●			
SRDCN1616H08	16	16	100	16	8	16	●	RC..0803..	M3X8	T10
SRDCN2020K08	20	20	125	20	10	16	●			
SRDCN2525M08	25	25	150	25	12.5	16	●			
SRDCN1212H10	12	12	100	12	6	20	●	RC..1003..	M3x10 M4x10	T15
SRDCN1616H10	16	16	100	16	8	20	●			
SRDCN2020K10	20	20	125	20	10	20	●			
SRDCN2525M10	25	25	150	25	12.5	20	●			

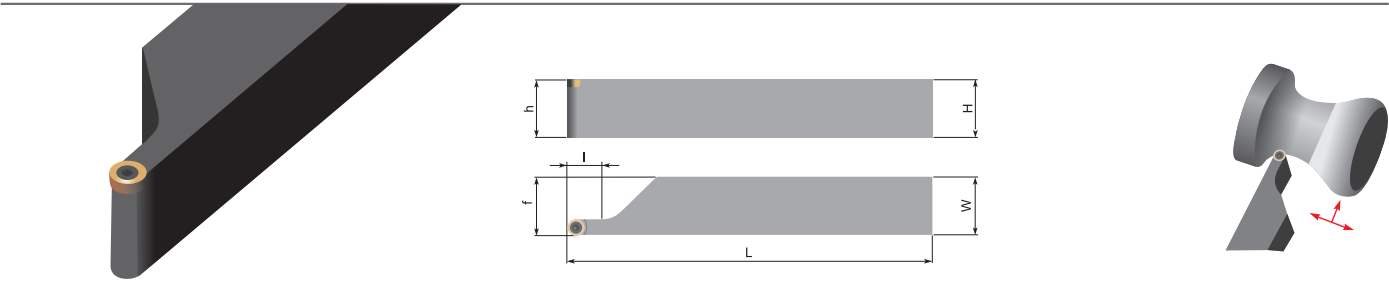
外圆车刀 (S) 型

SRGCR/L



型号 Type	基本尺寸 Basic size						库存 Stock				
	H	W	L	h	f	l	R	L			
SRGCR/L2020K08	20	20	125	20	25	12.9	●	○	RC..0803..	M3X8	T10
SRGCR/L2525M08	25	25	150	25	32	16.4	●	○			
SRGCR/L1616H10	16	16	100	16	20	12.5	●	○	RC..1003..	M3.5X10B	T15
SRGCR/L2020K10	20	20	125	20	25	14.2	●	○			
SRGCR/L2525M10	25	25	150	25	32	17.6	●	○			

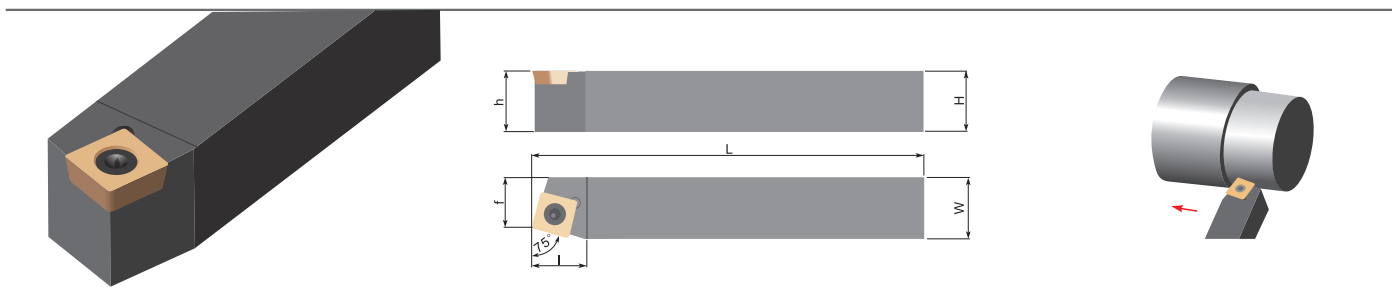
SRACR/L



型号 Type	基本尺寸 Basic size						库存 Stock				
	H	W	L	h	f	l	R	L			
SRACR/L1010H05	10	10	100	10	10.3	10	●	○	RC..0502..	M2.2X5	T6
SRACR/L1212H05	12	12	100	12	12.3	10	●	○			
SRACR/L1616H05	16	16	100	16	16.3	10	●	○			
SRACR/L2020K05	20	20	125	20	20.3	10	●	○	RC..0602..	M2.5X8	T8
SRACR/L2525K05	25	25	150	25	25.3	10	●	○			
SRACR/L1212H06	12	12	100	12	12.3	12	●	○			
SRACR/L1616H06	16	16	100	16	16.3	12	●	○	RC..0803..	M3X8	T10
SRACR/L2020K06	20	20	125	20	20.3	12	●	○			
SRACR/L2525M06	25	25	150	25	25.3	12	●	○			
SRACR/L1212H08	12	12	100	12	12.4	16	●	○	RC..1003..	M3.5X10B	T15
SRACR/L1616H08	16	16	100	16	16.4	16	●	○			
SRACR/L2020K08	20	20	125	20	20.4	16	●	○			
SRACR/L2525M08	25	25	150	25	25.4	16	●	○	RC..1003..	M3.5X10B	T15
SRACR/L1616H10	16	16	100	16	16.4	20	●	○			
SRACR/L2020K10	20	20	125	20	20.4	20	●	○			
SRACR/L2525M10	25	25	150	25	25.4	20	●	○			

外圆车刀 (S) 型

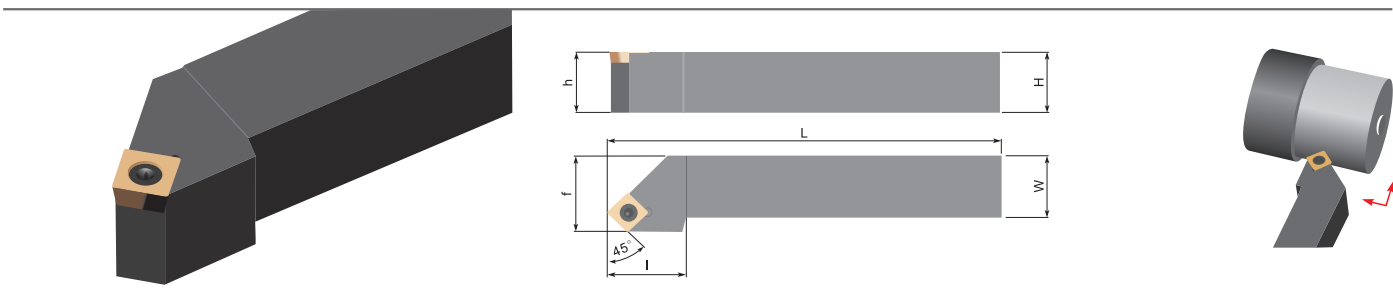
SSBCR/L 75°



型号 Type	基本尺寸 Basic size							库存 Stock			
	H	W	L	h	f	l	R	L			
SSBCR/L1212H09	12	12	100	12	9.5	16	●	○	SC..09T3..	M4X10	T15
SSBCR/L1616H09	16	16	100	16	13	16	●	○			
SSBCR/L2020K09	20	20	125	20	17	18	●	○			
SSBCR/L2525M09	25	25	150	25	22	18	●	○			
SSBCR/L2020K12	20	20	125	20	17	21	●	○	SC..1204..	M5X12	T20
SSBCR/L2525M12	25	25	150	25	22	21	●	○			

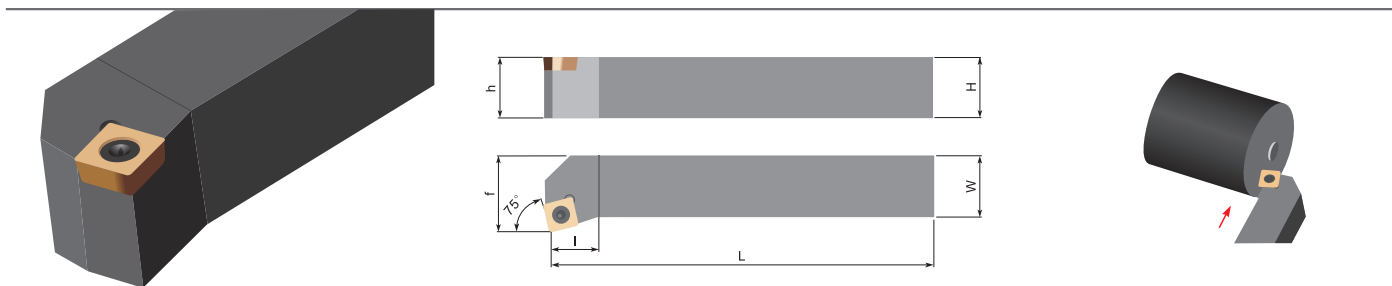
外圆车刀 (S) 型

SSSCR/L 45°



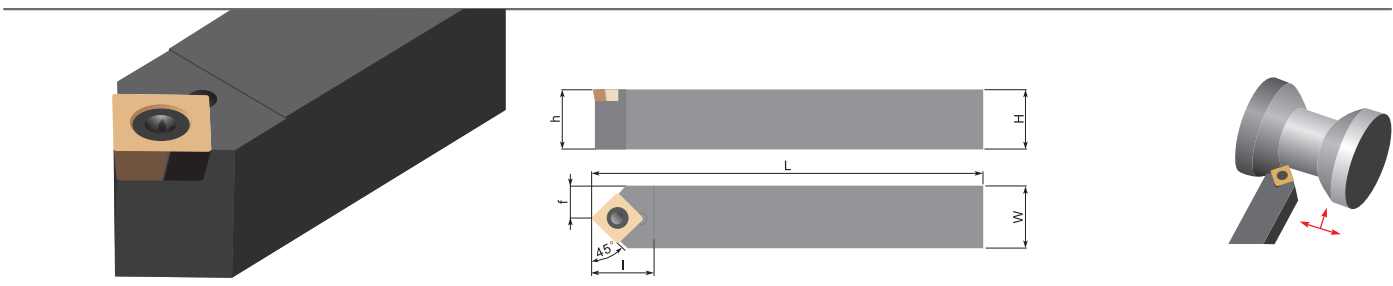
型号 Type	基本尺寸 Basic size							库存 Stock			
	H	W	L	h	f	l	R	L			
SSSCR/L1212H09	12	12	100	12	16	22	●	○	SC..09T3..	M4X10	T15
SSSCR/L1616H09	16	16	100	16	20	22	●	○			
SSSCR/L2020K09	20	20	125	20	25	25	●	○			
SSSCR/L2525M09	25	25	125	25	32	25	●	○			
SSSCR/L2020K12	20	20	150	20	25	25	●	○	SC..1204..	M5X12	T20
SSSCR/L2525M12	25	25	150	25	32	25	●	○			

SSKCR/L 75°



型号 Type	基本尺寸 Basic size							库存 Stock			
	H	W	L	h	f	l	R	L			
SSKCR/L1212H09	12	12	100	12	16	16	●	○	SC..09T3..	M4X10	T15
SSKCR/L1616H09	16	16	100	16	20	16	●	○			
SSKCR/L2020K12	20	20	125	20	25	25	●	○			
SSKCR/L2525M09	25	25	150	25	32	18	●	○			
SSKCR/L2020K12	20	20	125	20	25	25	●	○	SC..1204..	M5X12	T20
SSKCR/L2525M12	25	25	150	25	32	25	●	○			

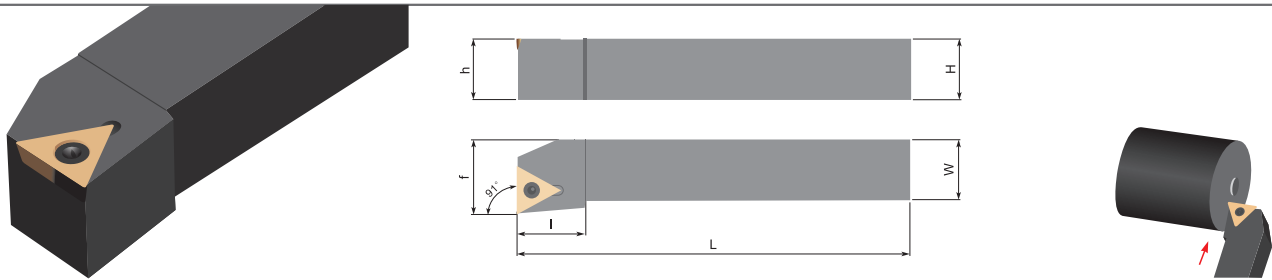
SSDCN 45°



型号 Type	基本尺寸 Basic size							库存 Stock			
	H	W	L	h	f	l					
SSDCN1212H09	12	12	100	12	6	18	●	SC..09T3..	M4X10	T15	
SSDCN1616H09	16	16	100	16	8	18	●				
SSDCN2020K09	20	20	125	20	10	22	●				
SSDCN2525M09	25	25	150	25	12.5	25	●				
SSDCN2020K12	20	20	125	20	10	28	●	SC..1204..	M5X12	T20	
SSDCN2525M12	25	25	150	25	12.5	28	●				

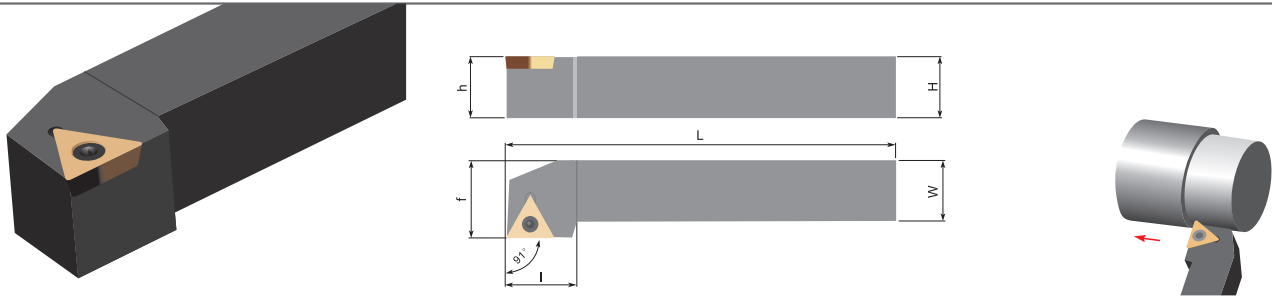
外圆车刀 (S) 型

STFCR/L 91°



型号 Type	基本尺寸 Basic size							库存 Stock			
	H	W	L	h	f	l	R				
STFCR/L1212H11	12	12	100	12	16	15	•	○	TC..1102..	M2.5X8	T8
STFCR/L1616H11	16	16	100	16	20	15	•	○			
STFCR/L2020K11	20	20	125	20	25	18	•	○			
STFCR/L1616H16	16	16	100	16	20	22	•	○	TC..16T3..	M4X10	T15
STFCR/L2020K16	20	20	125	20	25	24	•	○			
STFCR/L2525M16	25	25	150	25	32	26	•	○			
STFCR/L3232P16	32	32	170	32	40	28	•	○			

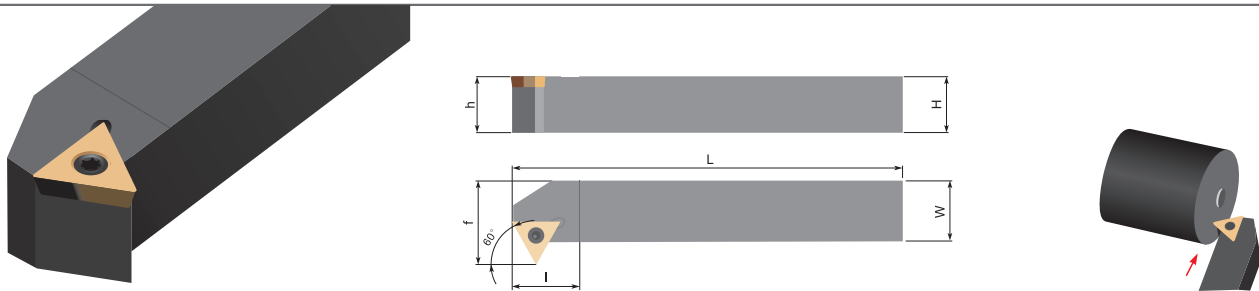
STGCR/L 91°



型号 Type	基本尺寸 Basic size							库存 Stock			
	H	W	L	h	f	l	R				
STGCR/L1212H11	12	12	100	12	16	16	•	○	TC..1102..	M2.5X8	T8
STGCR/L1616H11	16	16	100	16	20	16	•	○			
STGCR/L2020K11	20	20	125	20	25	20	•	○			
STGCR/L1616H16	16	16	100	16	20	22	•	○	TC..16T3..	M4X10	T15
STGCR/L2020K16	20	20	125	20	25	24	•	○			
STGCR/L2525M16	25	25	150	25	32	26	•	○			

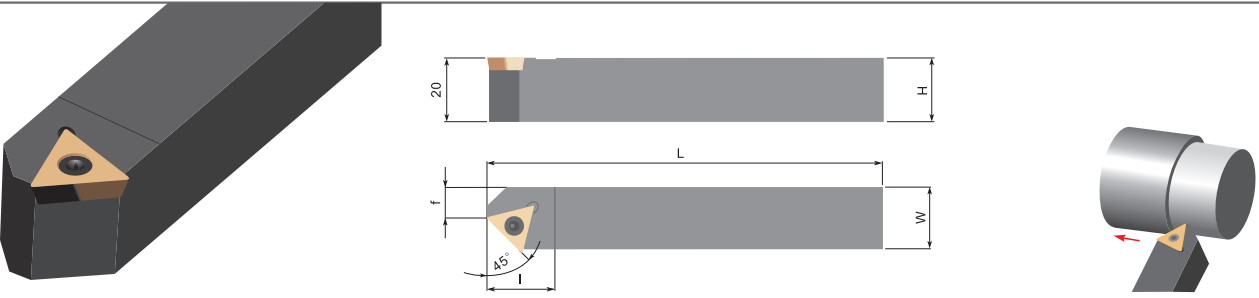
外圆车刀 (S) 型

STWCR/L 60°



型号 Type	基本尺寸 Basic size							库存 Stock			
	H	W	L	h	f	l	R				
STWCR/L1212H11	12	12	100	12	15.3	15	○	○	TC..1102..	M2.5X8	T8
STWCR/L1616H11	16	16	100	16	19.3	15	○	○			
STWCR/L2020K11	20	20	125	20	23.3	18	○	○			
STWCR/L2525M11	25	25	150	25	28.3	18	○	○	TC..16T3..	M4X10	T15
STWCR/L1616H16	16	16	100	16	21	24	○	○			
STWCR/L2020K16	20	20	125	20	26	24	○	○			
STWCR/L2525M16	25	25	150	25	31	24	○	○			
STWCR/L3232P16	32	32	170	32	38	26	○	○			

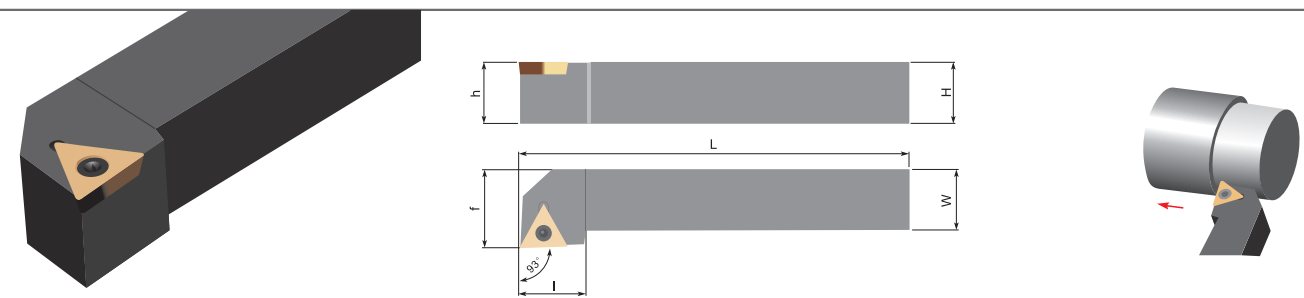
STDCR/L 45°



型号 Type	基本尺寸 Basic size							库存 Stock			
	H	W	L	h	f	l	R				
STDCR/L2020K11	20	20	125	20	10	18	○	○	TC..1102..	M2.5X8	T8
STDCR/L2020K16	20	20	125	20	10	24	○	○	TC..16T3..	M4X10	T15

外圆车刀 (S) 型

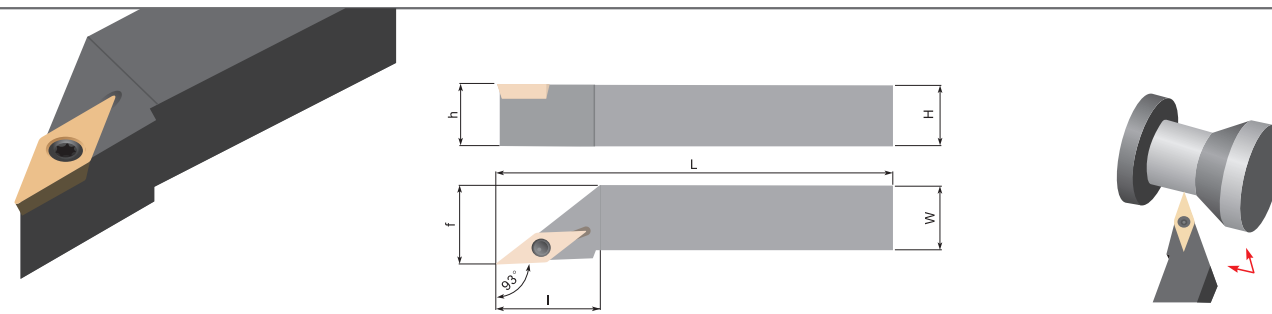
STJCR/L 93°



型号 Type	基本尺寸 Basic size						库存 Stock				
	H	W	L	h	f	l	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
STJCR/L1616H16	16	16	100	16	20	22	●	○	TC..16T3..	M4X10	T15
STJCR/L2020K16	20	20	125	20	25	24	●	○			
STJCR/L2525M16	25	25	150	25	32	26	●	○			

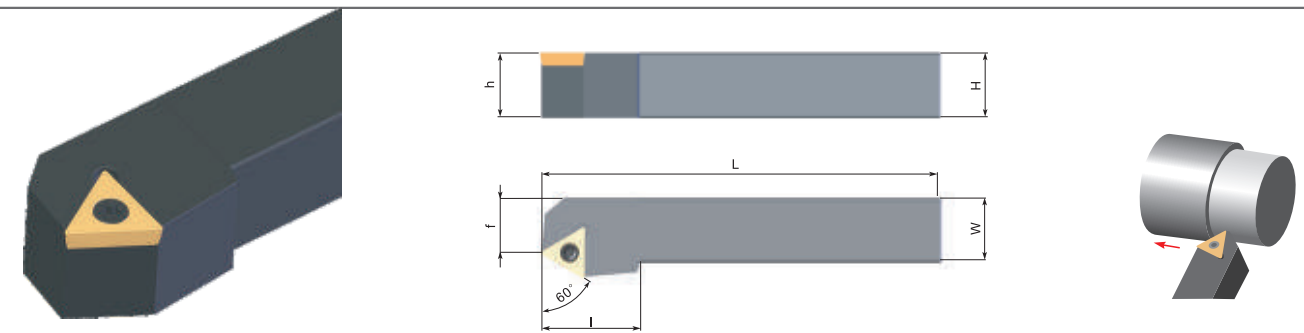
外圆车刀 (S) 型

SVJ□R/L 93°



型号 Type	基本尺寸 Basic size						库存 Stock				
	H	W	L	h	f	l	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
SVJCR/L1212H11	12	12	100	12	16	22	●	○	VC..1103..	M2.5X8	T8
SVJCR/L1616H11	16	16	100	16	20	24	●	○			
SVJCR/L2020K11	20	20	125	20	25	28	●	○			
SVJCR/L1616H16	16	16	100	16	20	32	●	○	VC..1604..	M4X10	T15
SVJCR/L2020K16	20	20	125	20	25	32	●	○			
SVJCR/L2525M16	25	25	150	25	32	40	●	○			
SVJCR/L3232P16	32	32	170	32	40	40	●	○			

STTCR/L 60°

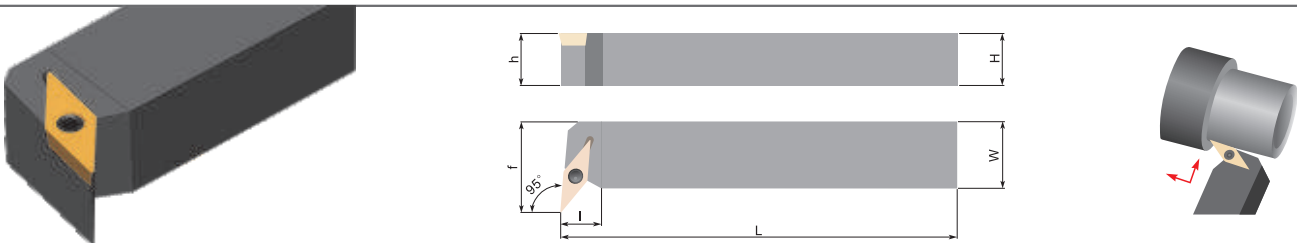


型号 Type	基本尺寸 Basic size						库存 Stock				
	H	W	L	H	F	I	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
STTCR/L2020K16	20	20	125	20	17	25	○	○	TC..16T3..	M4X10	T15
STTCR/L2525M16	25	25	150	25	22	28	○	○			

型号 Type	基本尺寸 Basic size						库存 Stock				
	H	W	L	h	f	l	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
SVJBR/L1212H11	12	12	100	12	16	22	●	○	VB..1103..	M2.5X8	T8
SVJBR/L1616H11	16	16	100	16	20	24	●	○			
SVJBR/L2020K11	20	20	125	20	25	28	●	○			
SVJBR/L1616H16	16	16	100	16	20	32	●	○	VB..1604..	M4X10	T15
SVJBR/L2020K16	20	20	125	20	25	32	●	○			
SVJBR/L2525M16	25	25	150	25	32	40	●	○			
SVJBR/L3232P16	32	32	170	32	40	40	●	○			

外圆车刀 (S) 型

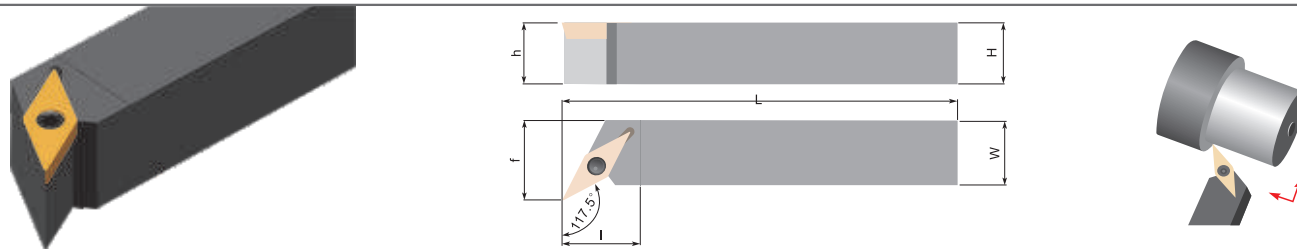
SVU□R/L 95°



型号 Type	基本尺寸 Basic size						库存 Stock				
	H	W	L	h	f	l	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
SVUCR/L2525M16	25	25	150	25	35	20	●	○	VC..1604..	M4X10	T15

型号 Type	基本尺寸 Basic size						库存 Stock				
	H	W	L	h	f	l	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
SVUBR/L2020K16	20	20	125	20	30	18	●	○	VB..1604..	M4X10	T15
SVUBR/L2525M16	25	25	150	25	35	20	●	○			

SVQ□R/L 117.5°

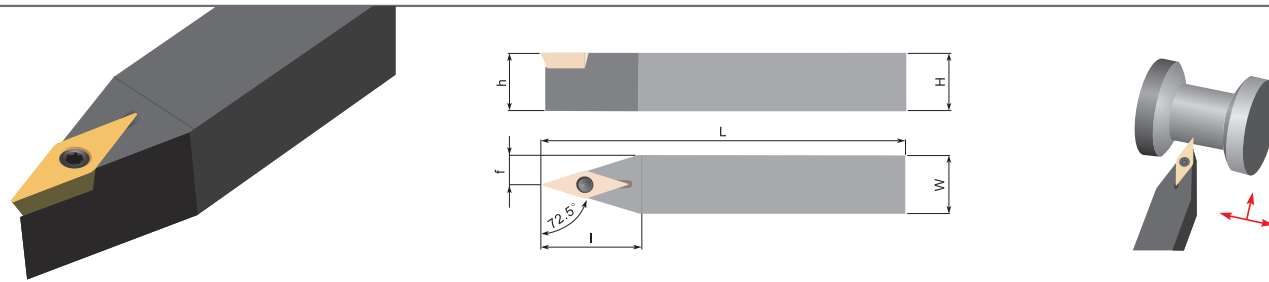


型号 Type	基本尺寸 Basic size						库存 Stock				
	H	W	L	h	f	I	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
SVQBR/L1616H11	16	16	100	16	20	20	●	○	VC..1103..	M2.5X8	T8
SVQBR/L2020K11	20	20	125	20	25	20	●	○			
SVQCR/L2020K16	20	20	125	20	25	30	●	○	VC..1604..	M4X10	T15
SVQCR/L2525M16	25	25	150	25	32	30	●	○			
SVQCR/L3232P16	32	32	170	32	40	32	●	○			

型号 Type	基本尺寸 Basic size						库存 Stock				
	H	W	L	h	f	I	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
SVQCR/L1616H11	16	16	100	16	20	20	●	○	VB..1103..	M2.5X8	T8
SVQCR/L2020K11	20	20	125	20	25	20	●	○			
SVQBR/L2020K16	20	20	125	20	25	30	●	○	VB..1604..	M4X10	T15
SVQBR/L2525M16	25	25	150	25	32	30	●	○			
SVQBR/L3232P16	32	32	170	32	40	32	●	○			

外圆车刀 (S) 型

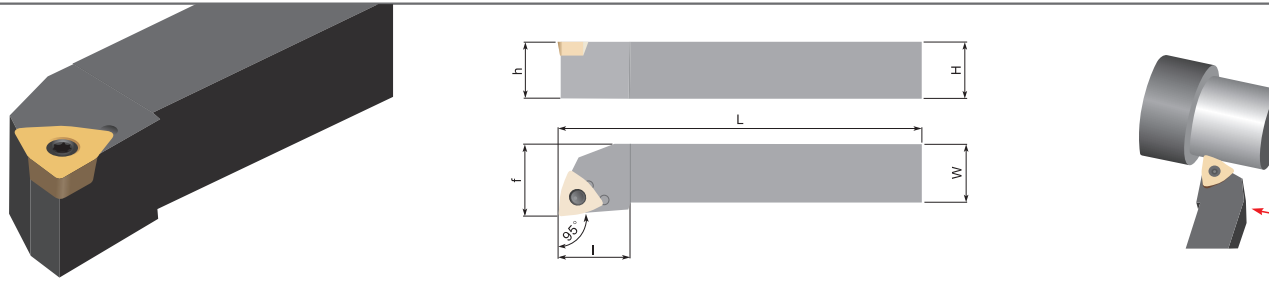
SVV□N 72.5°



型号 Type	基本尺寸 Basic size						库存 Stock			
	H	W	L	h	f	l		适用刀片 Insert	螺钉 Screw	扳手 Wrench
SVVCN1212H11	12	12	100	12	6	23	●	VC..1103..	M2.5X8	T8
SVVCN1616H11	16	16	100	16	8	26	●			
SVVCN2020K11	20	20	125	20	10	32	●			
SVVCN1616H16	16	16	100	16	8	33	●	VC..1604..	M4X10	T15
SVVCN2020K16	20	20	125	20	10	33	●			
SVVCN2525M16	25	25	150	25	12.5	38	●			
SVVCN3232P16	32	32	170	32	16	40	○			

型号 Type	基本尺寸 Basic size						库存 Stock			
	H	W	L	h	f	l		适用刀片 Insert	螺钉 Screw	扳手 Wrench
SVVBN1212H11	12	12	100	12	6	23	●	VB..1103..	M2.5X8	T8
SVVBN1616H11	16	16	100	16	8	26	●			
SVVBN2020K11	20	20	125	20	10	32	●			
SVVBN1616H16	16	16	100	16	8	33	●	VB..1604..	M4X10	T15
SVVBN2020K16	20	20	125	20	10	33	●			
SVVBN2525M16	25	25	150	25	12.5	38	●			
SVVBN3232P16	32	32	170	32	16	40	○			

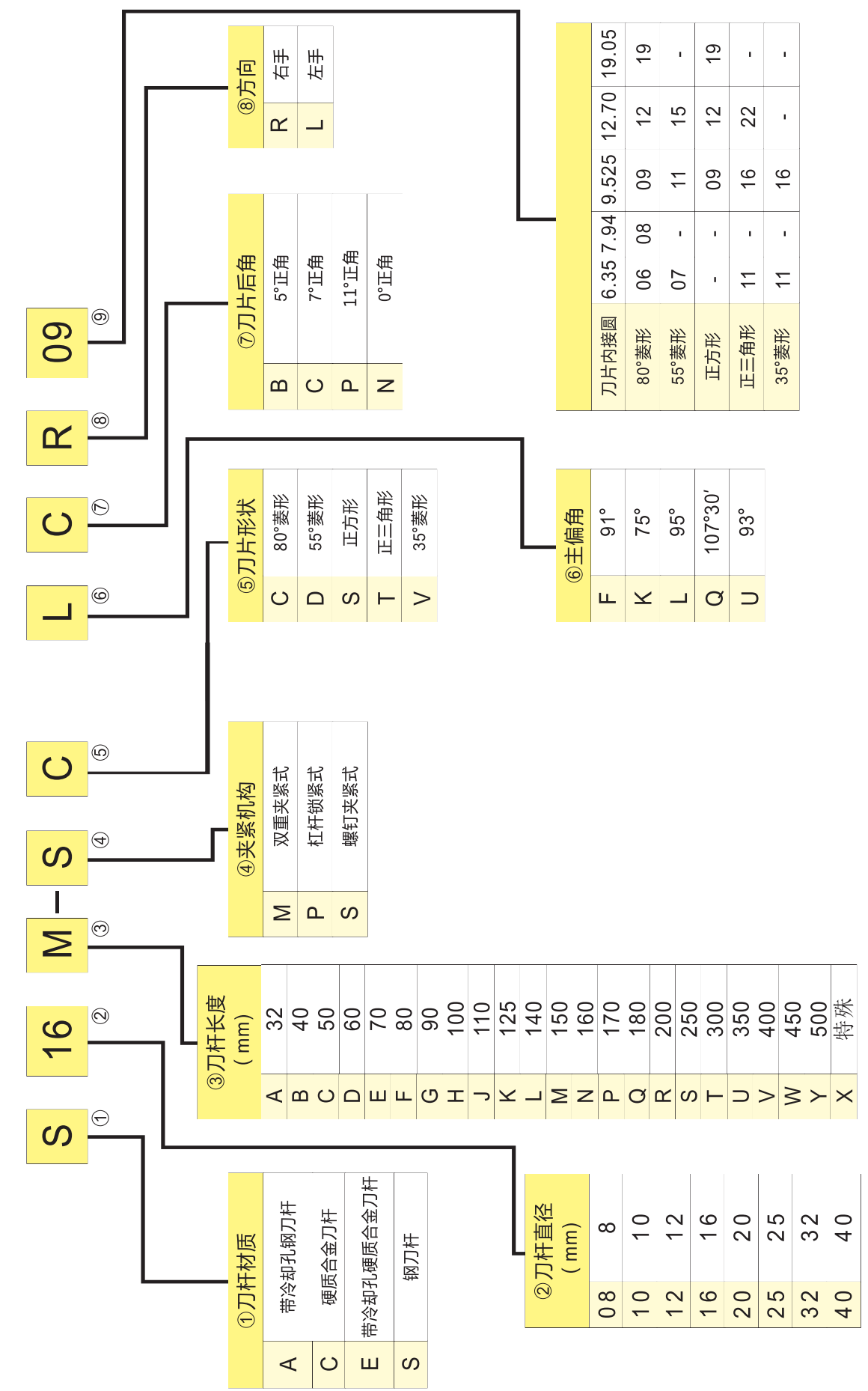
SWLCR/L 95°



型号 Type	基本尺寸 Basic size						库存 Stock				
	H	W	L	h	f	l	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
SWLCR/L1212H06	12	12	100	12	16	20	●	○	WC..06T3..	M3.5X10	T15
SWLCR/L1616H06	16	16	100	16	20	20	●	○			
SWLCR/L2020K06	20	20	125	20	25	22	●	○			
SWLCR/L2525M06	25	25	150	25	32	22	●	○			

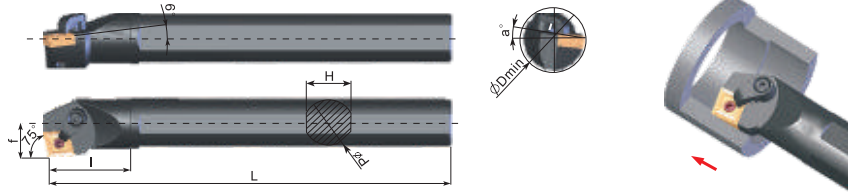
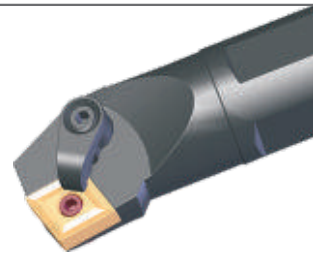
BORING BAR
TOOLS
SERIES
内孔车刀系列

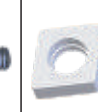
ISO 形镗刀杆 编号说明



内孔车刀（M）型

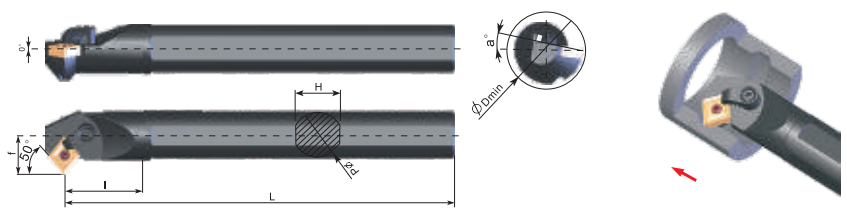
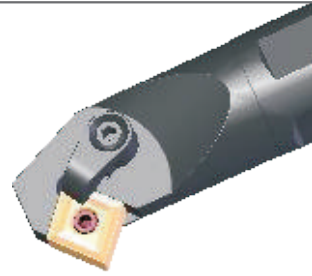
MCKNR/L 75°



型号 Type	基本尺寸 Basic size								库存 Stock							
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench	
S20R-MCKNR/L12	180	20	14	45	18	15°	φ26	●	○	CN..1204..	MC618	MS618	—	MLP46	S2.5,S3.0	
S25S-MCKNR/L12	200	25	16.5	45	23	12°	φ32	●	○			MS620				
S32T-MCKNR/L12	250	32	22.5	50	30	17°	φ40	●	○		MC620	MS625	MC1204	ML46C		
S40T-MCKNR/L12	300	40	26	55	38	15°	φ50	●	○							

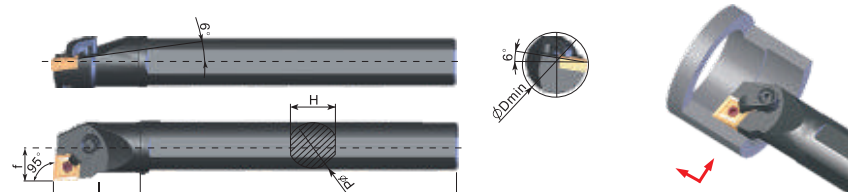
内孔车刀（M）型

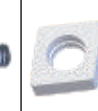
MCWNR/L 50°



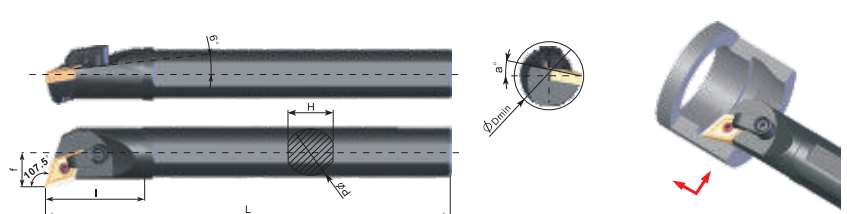
型号 Type	基本尺寸 Basic size								库存 Stock							
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench	
S20R-MCWNR/L12	200	20	17	45	18	15°	φ30	●	○	CN..1204..	MC618	MS618	—	MLP46	S2.5,S3.0	
S25S-MCWNR/L12	250	25	19.5	45	23	12°	φ35	●	○			MS620				
S32T-MCWNR/L12	300	32	23	50	30	17°	φ42	●	○		MC620	MS625	MC1204	ML46C		

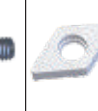
MCLNR/L 95°



型号 Type	基本尺寸 Basic size								库存 Stock							
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench	
S20R-MCLNR/L12	200	20	13	45	18	15°	φ25	○	○	CN..1204..	MC618	MS618	—	MLP46	S2.5,S3.0	
S25S-MCLNR/L12	250	25	16.5	45	23	12°	φ32	○	○			MS620				
S32T-MCLNR/L12	300	32	22.5	50	30	17°	φ40	○	○		MC620	MS625	MC1204	ML46C		
S40T-MCLNR/L12	300	40	26	55	38	15°	φ50	●	●							
S50U-MCLNR/L12	350	50	31	70	48	12°	φ60	○	○							

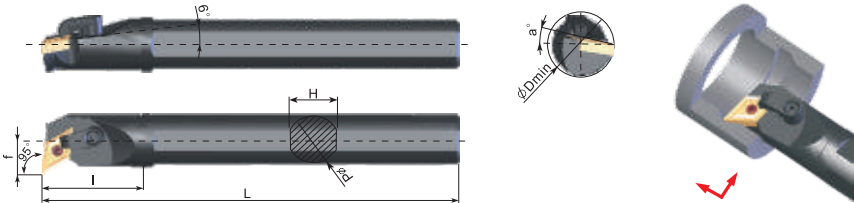
MDQNR/L 107.5°



型号 Type	基本尺寸 Basic size								库存 Stock							
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench	
S25S-MDQNR/L15	250	25	17	45	23	12°	φ 32	●	○	DN..1504..	MC622	MS620	—	MLP46	S2.5,S3.0	
S32T-MDQNR/L15	300	32	22.5	50	30	17°	φ 42	●	○			MS625				
S40T-MDQNR/L15	300	40	26	55	38	15°	φ 50	●	○				MD1504	ML46C		

内孔车刀 (M) 型

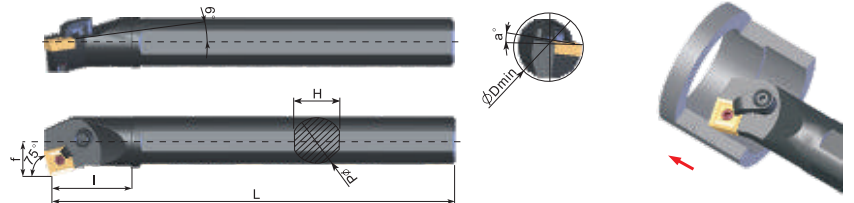
MDUNR/L 95°



型号 Type	基本尺寸 Basic size							库存 Stock							
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
S25S-MDUNR/L15	250	25	16	45	23	12°	φ32	●	○	DN..1504..	MC622	MS620	—	MLP46	S2.5,S3.0
S32T-MDUNR/L15	300	32	21	50	30	17°	φ40	●	○			MS625	MD1504	ML46C	
S40T-MDUNR/L15	300	40	26	55	38	15°	φ50	●	○						

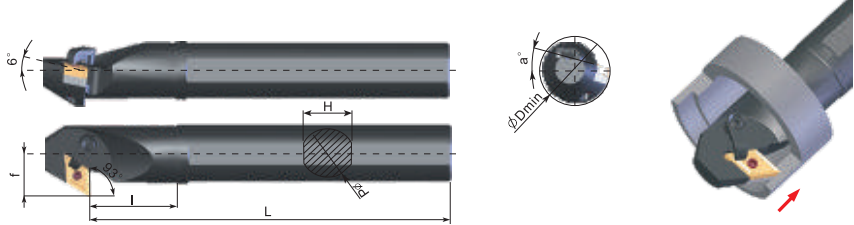
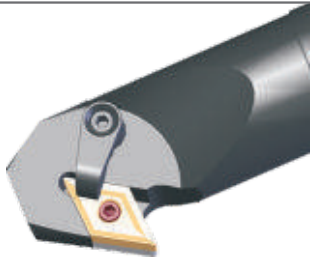
内孔车刀 (M) 型

MSKNR/L 75°



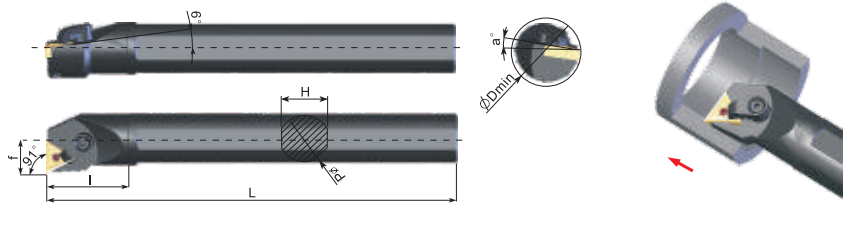
型号 Type	基本尺寸 Basic size							库存 Stock							
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
S20R-MSKNR/L12	200	20	13	45	18	15°	φ25	●	○	SN..1204..	MC618	MS618	—	MLP46	S2.5,S3.0
S25S-MSKNR/L12	250	25	17	45	23	12°	φ32	●	○			MS620			
S32T-MSKNR/L12	300	32	22	50	30	17°	φ40	●	○		MC620	MS625	MC1204	ML46C	
S40T-MSKNR/L12	300	40	27	55	38	15°	φ50	●	○						

MDZNR/L 93°



型号 Type	基本尺寸 Basic size							库存 Stock							
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
S32T-MDZNR/L15	300	32	23	50	30	17°	φ40	●	○	DN..1504..	MC622	MS625	MD1504	ML46C	S2.5,S3.0
S40T-MDZNR/L15	300	40	27	55	38	15°	φ50	●	○						

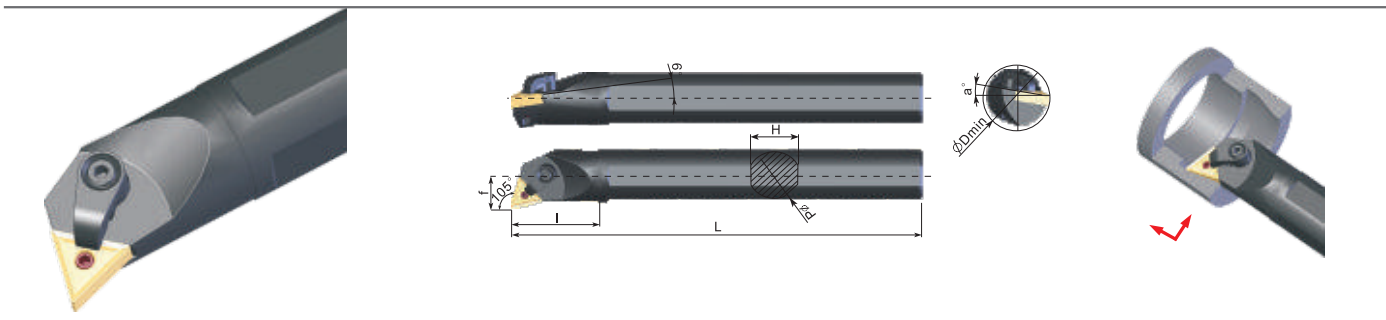
MTFNR/L 91°



型号 Type	基本尺寸 Basic size							库存 Stock							
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
S20R-MTFNR/L16	200	20	13	45	18	15°	φ25	○	○	TN..1604..	MC618	MS618	—	MLP34	S2.0,S3.0
S25S-MTFNR/L16	250	25	16.5	45	23	12°	φ32	●	○			MS620			
S32T-MTFNR/L16	300	32	22.5	50	30	17°	φ41	●	○		MC620	MS625	MT1603	ML34C	
S40T-MTFNR/L16	300	40	26	55	38	15°	φ50	●	○						

内孔车刀 (M) 型

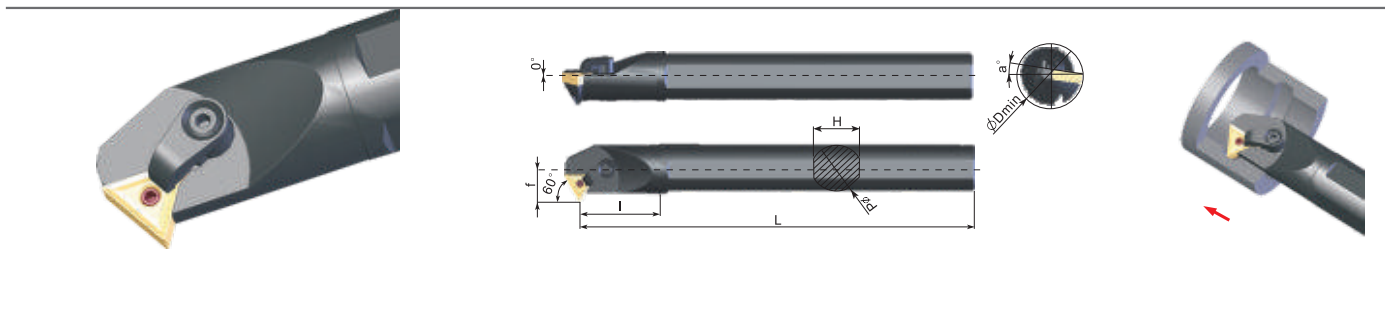
MTQNR/L 105°



型号 Type	基本尺寸 Basic size							库存 Stock							
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
S20R-MTQNR/L16	200	20	12.5	45	18	15°	φ25	●	○	TN..1604..	MC618	MS618	—	MLP34	S2.0,S3.0
S25S-MTQNR/L16	250	25	16	45	23	12°	φ32	●	○			MS620			
S32T-MTQNR/L16	300	32	22.5	50	30	17°	φ41	●	○		MC620	MS625	MT1603	ML34C	
S40T-MTQNR/L16	300	40	26	55	38	15°	φ50	●	○						
S32T-MTQNR/L22	300	32	22.5	50	30	17°	φ41			TN..2204..	MC835	MS830	MT2204	ML46C	S2.5,S4.0

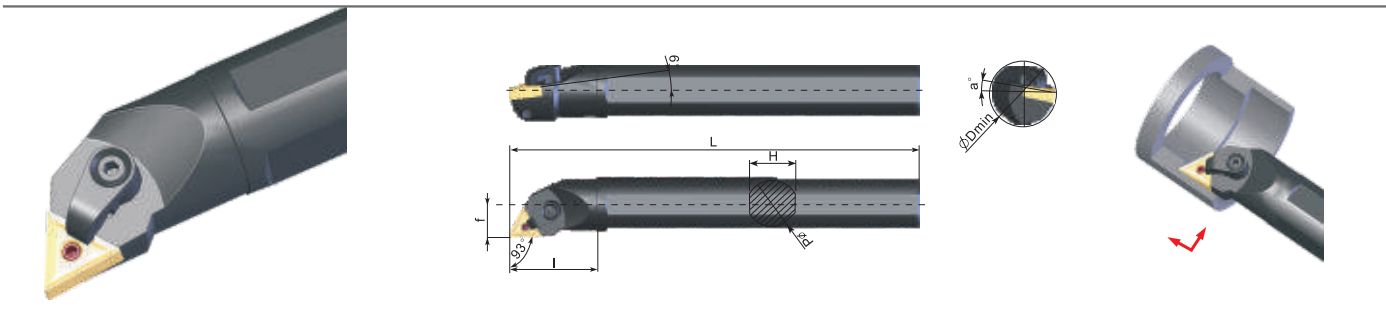
内孔车刀 (M) 型

MTWNR/L 60°



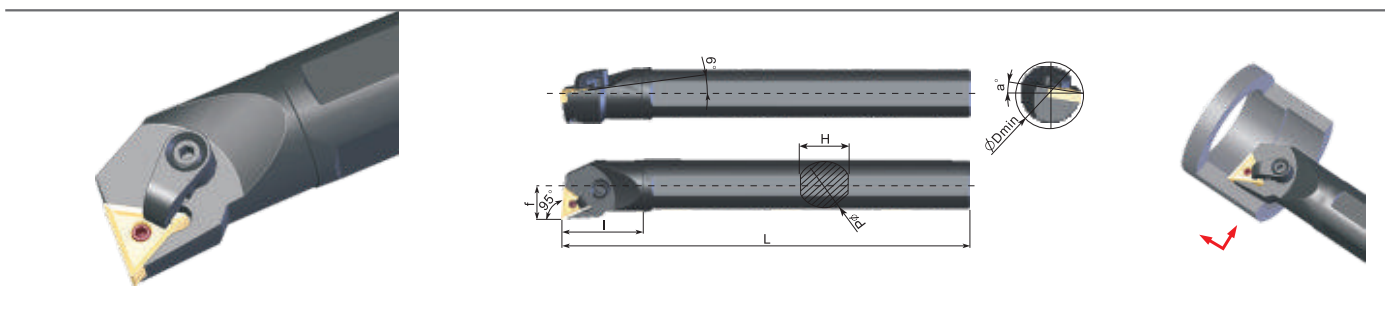
型号 Type	基本尺寸 Basic size							库存 Stock		适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
	L	d	f	l	H	α	Dmin	R	L						
S20R-MTWNR/L16	200	20	14	40	18	15°	φ27	●	○	TN..1604..	MC618	MS618	—	MLP34	S2.0,S3.0
S25S-MTWNR/L16	250	25	16.5	45	23	12°	φ32	●	○			MS620			
S32T-MTWNR/L16	300	32	20	54	30	17°	φ39	●	○		MC620	MS625	MT1603	ML34C	

MTJNR/L 93°



型号 Type	基本尺寸 Basic size							库存 Stock		适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
	L	d	f	l	H	α	Dmin	R	L						
S20R-MTJNR/L16	200	20	12.5	45	18	15°	φ25	●	○	TN..1604..	MC618	MS620	—	MLP34	S2.0,S3.0
S25S-MTJNR/L16	250	25	16	45	23	12°	φ32	●	○						
S32T-MTJNR/L16	300	32	22.5	50	30	17°	φ41	●	○				MS620		

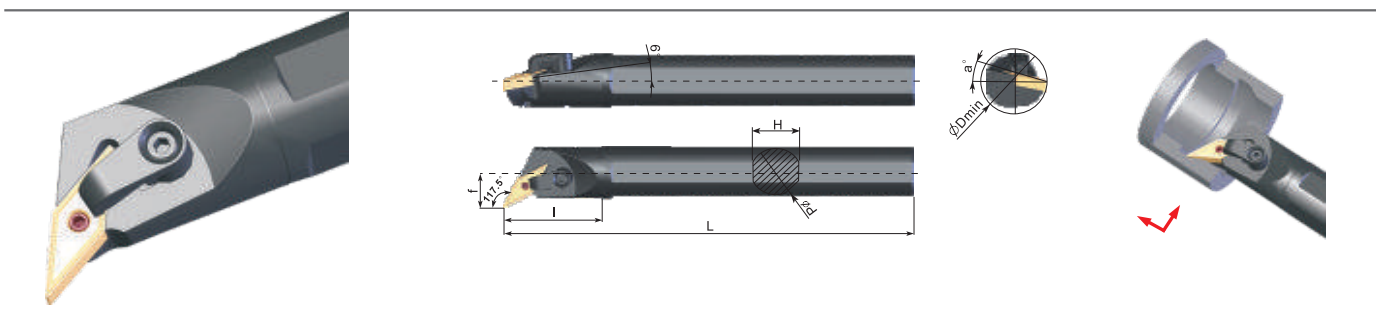
MTUNR/L 95°



型号 Type	基本尺寸 Basic size							库存 Stock							
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
S20R-MTUNR/L16	200	20	13	40	18	15°	φ25	○	○	TN..1604..	MC618	MS618	—	MLP34	S2.0,S3.0
S25S-MTUNR/L16	250	25	16.5	45	23	12°	φ32	○	○			MS620			
S32T-MTUNR/L16	300	32	22.5	54	30	17°	φ41	○	○		MC620	MS625	MT1603	ML34C	
S40T-MTUNR/L16	300	40	26	60	38	15°	φ50	○	○						

内孔车刀 (M) 型

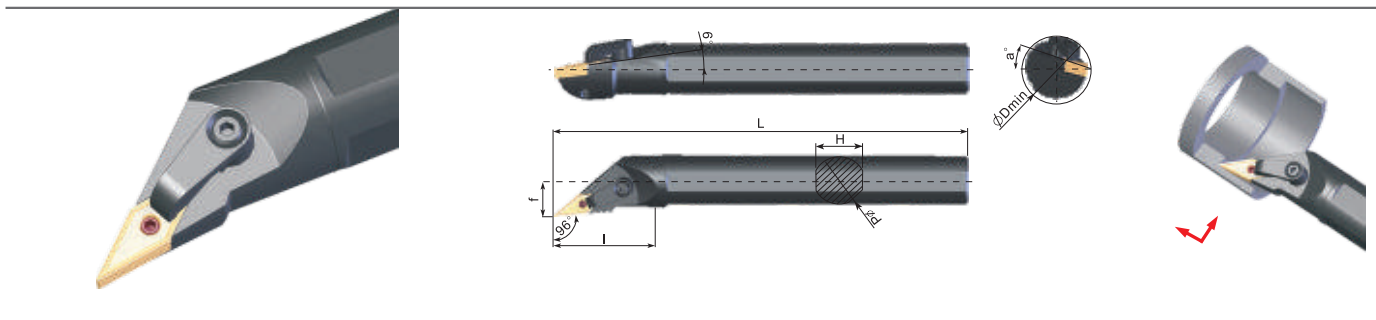
MVQNR/L 117.5°



型号 Type	基本尺寸 Basic size							库存 Stock							
	L	d	f	I	H	α	Dmin	R	L						
S25S-MVQNR/L16	250	25	17	45	23	12°	φ32	●	○	VN..1604..	MC622	MS620	—	MLP34	S2.0,S3.0
S32T-MVQNR/L16	300	32	22.5	50	30	17°	φ42	●	○		MC625	MS625	MV1603	ML34C	

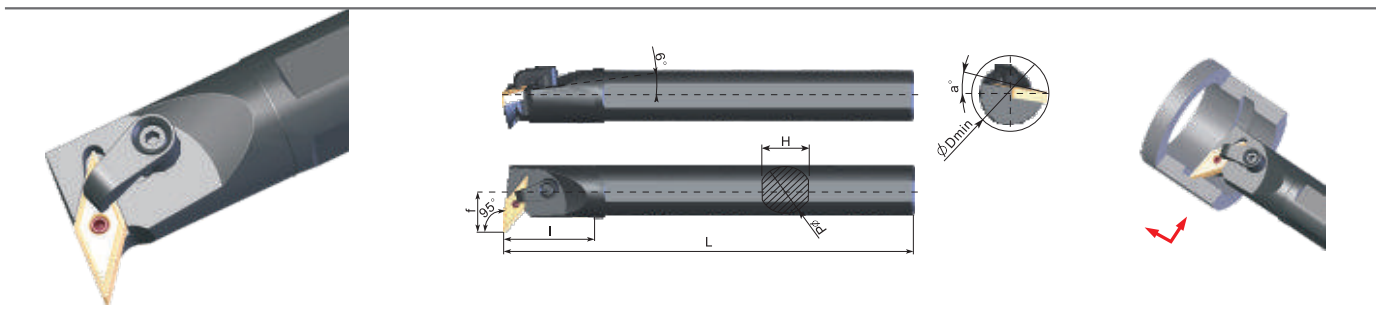
内孔车刀 (M) 型

MVXNR/L 96°



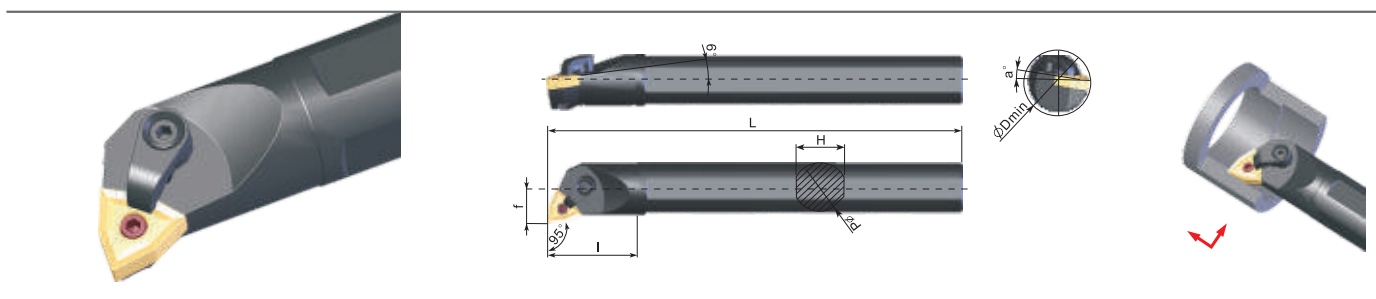
型号 Type	基本尺寸 Basic size							库存 Stock							
	L	d	f	I	H	α	Dmin	R	L						
S20R-MVXNR/L16	200	20	14	40	18	15°	φ27	●	○	VN..1604..	MC625	MS618	—	MLP34	S2.0,S3.0
S25S-MVXNR/L16	250	25	17	45	23	12°	φ32	●	○			MS620			
S32T-MVXNR/L16	300	32	23	50	30	17°	φ42	●	○			MS625	MV1603	ML34C	

MVUNR/L 95°



型号 Type	基本尺寸 Basic size							库存 Stock							
	L	d	f	I	H	α	Dmin	R	L						
S25S-MVUNR/L16	250	25	20	45	23	12°	φ36	●	○	VN..1604..	MC622	MS620	—	MLP34	S2.0,S3.0
S32T-MVUNR/L16	300	32	22	50	30	17°	φ42	●	○			MS625	MV1603	ML34C	

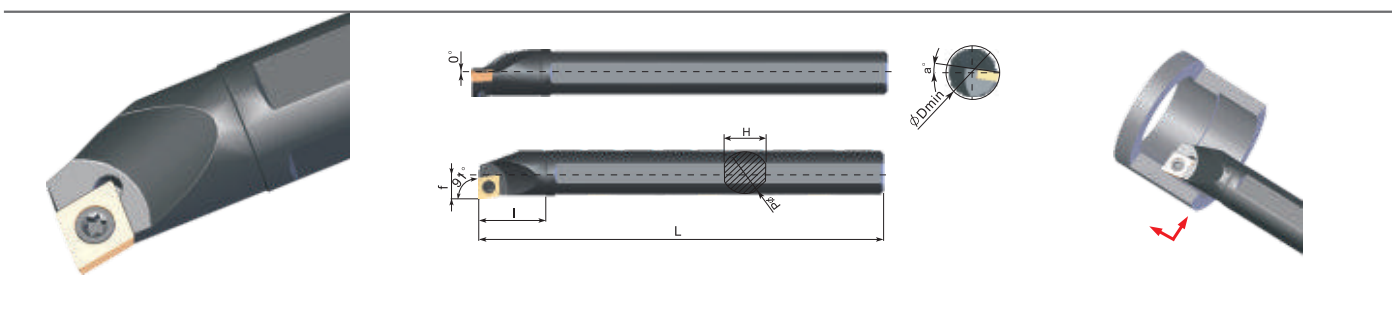
MWLNR/L 95°



型号 Type	基本尺寸 Basic size							库存 Stock							
	L	d	f	I	H	α	Dmin	R	L	适用刀片 Insert	压板 Clamp	双头螺钉 Screw	刀垫 Shim	销钉 Pin	扳手 Wrench
S16Q-MWLNR/L06	180	16	11	35	15	18°	φ22	●	○	WN..0604..	MC515	MS520	—	MLP34	S2.0
S20R-MWLNR/L08	200	20	13	40	18	15°	φ25	●	○	WN..0804..	MC618	MS618		MLP46	S2.5,S3.0
S25S-MWLNR/L08	250	25	16.5	45	23	12°	φ32	●	○			MS620			
S32T-MWLNR/L08	300	32	22	50	30	17°	φ41	●	○		MC620	MS625	MW0804	ML46C	
S40T-MWLNR/L08	300	40	26	55	38	15°	φ50	●	○						
S50U-MWLNR/L08	350	50	31	70	48	12°	φ60	●	○						

内孔车刀 (S) 型

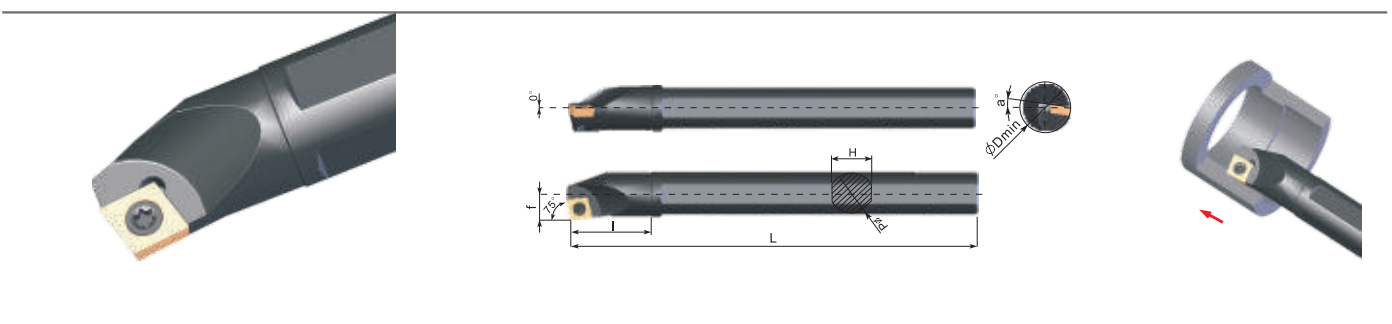
SCFCR/L 91°



型号 Type	基本尺寸 Basic size							库存 Stock				
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
S08K-SCFCR/L06	125	8	5	20	7	13°	φ10	●	○	CC..0602..	M2.5x6	T8
S10K-SCFCR/L06	125	10	6	22	9	12°	φ13	●	○			
S12M-SCFCR/L06	150	12	7	23	11	10°	φ16	●	○			
S12M-SCFCR/L09	150	12	7	23	11	10°	φ16	●	○	CC..09T3..	M4X8	T15
S16Q-SCFCR/L09	180	16	9.5	30	15	10°	φ20	●	○			
S20R-SCFCR/L09	200	20	11.5	35	18	8°	φ25	○	○			
S20R-SCFCR/L12	200	20	12	40	18	10°	φ25	○	○	CC..1204..	M5X10	T20
S25S-SCFCR/L12	250	25	40	40	23	8°	φ32	○	○		M5X12	
S32T-SCFCR/L12	300	32	45	45	30	6°	φ39	○	○			

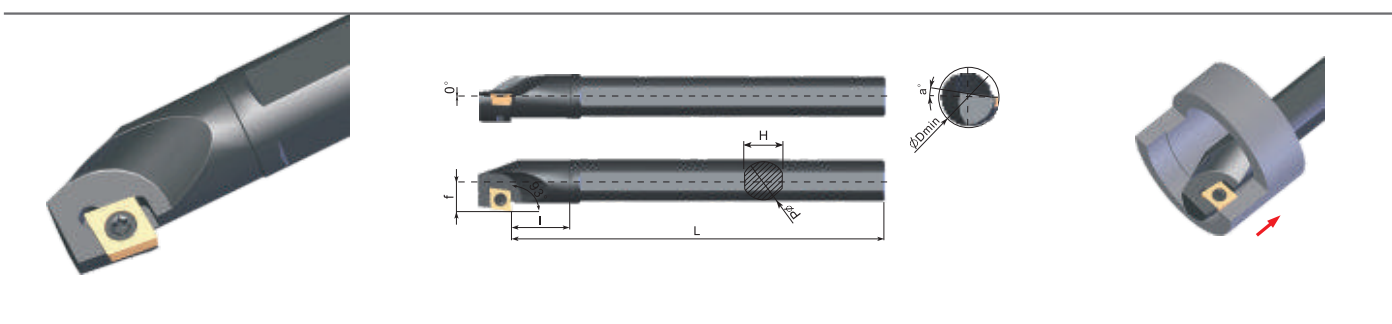
内孔车刀 (S) 型

SCKCR/L 75°



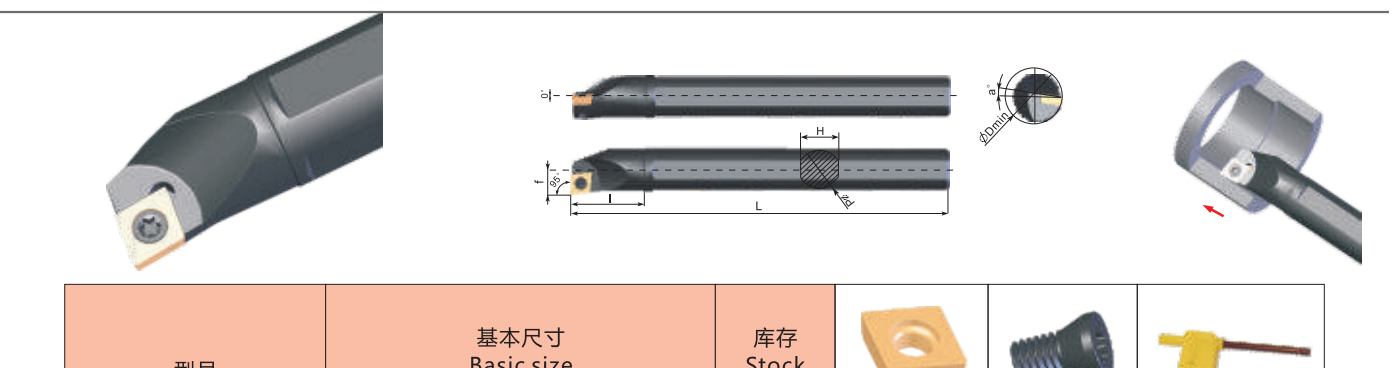
型号 Type	基本尺寸 Basic size							库存 Stock				
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
S08K-SCKCR/L06	125	8	5.5	25	7	13°	φ10	●	○	CC..0602..	M2.5X5	T8
S10K-SCKCR/L06	125	10	6	25	9	12°	φ13	●	○		M2.5X6	
S12M-SCKCR/L06	150	12	7	25	11	10°	φ16	●	○			
S12M-SCKCR/L09	150	12	8	30	11	12°	φ16	●	○	CC..09T3..	M4X8	T15
S16Q-SCKCR/L09	180	16	9.5	33	15	10°	φ20	○	○			
S20R-SCKCR/L09	200	20	11.5	35	18	8°	φ24	○	○			
S25S-SCKCR/L09	250	25	14	40	23	6°	φ31	○	○		M4X10	T20
S20R-SCKCR/L12	200	20	12	40	18	10°	φ25	○	○	CC..1204..	M5X10	
S25S-SCKCR/L12	250	25	14.5	45	23	8°	φ32	○	○		M5X12	

SCZCR/L 93°



型号 Type	基本尺寸 Basic size							库存 Stock				
	L	d	f	l	H	α	Dmin	R	L	适用刀片	螺钉 Screw	扳手 Wrench
S12M-SCZCR/L06	150	12	8.5	30	11	10°	φ16	●	○	CC..0602..	M2.5X6	T8
S16Q-SCZCR/L06	180	16	10.5	30	15	8°	φ20	●	○			
S16Q-SCZCR/L09	180	16	11.5	35	15	10°	φ21	●	○	CC..09T3..	M4X8	T15
S20R-SCZCR/L09	200	20	13.5	40	18	8°	φ25	●	○		M4X10	
S25S-SCZCR/L09	250	25	16	42	23	6°	φ32	●	○			

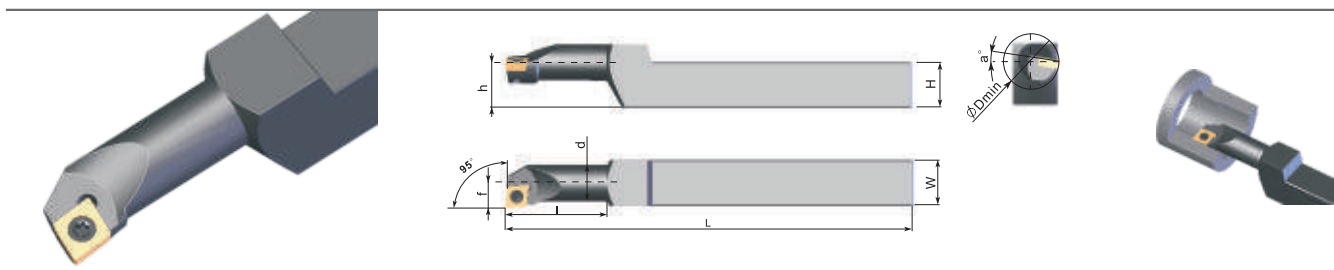
SCLCR/L 95°



型号 Type	基本尺寸 Basic size							库存 Stock				
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
S08K-SCLCR/L06	125	8	5	20	7	13°	φ10	●	●	CC..0602..	M2.5X5	T8
S10K-SCLCR/L06	125	10	6	22	9	12°	φ13	●	●		M2.5X6	
S12M-SCLCR/L06	150	12	7	23	11	10°	φ16	○	○			
S16Q-SCLCR/L06	180	16	9	23	15	10°	φ18	○	○	CC..09T3..	M4X8	T15
S14N-SCLCR/L09	160	14	8	27	13	10°	φ17	●	○			
S12M-SCLCR/L09	150	12	9	27	11	12°	φ16	●	○			
S16Q-SCLCR/L09	180	16	9.5	30	15	10°	φ20	●	●	CC..09T3..	M4X10	T15
S20R-SCLCR/L09	200	20	11.5	35	18	8	φ25	●	●			
S25S-SCLCR/L09	250	25	14	40	23	6°	φ31	●	●			
S32T-SCLCR/L09	300	32	17.5	45	30	4°	φ39	○	○	CC..1204..	M5X10	T20
S20R-SCLCR/L12	200	20	12	40	18	10°	φ25	●	○			
S25S-SCLCR/L12	250	25	14.5	45	23	8	φ32	●	○			
S32T-SCLCR/L12	300	32	18	45	30	6°	φ39	●	○	CC..1204..	M5X12	T20
S40T-SCLCR/L12	300	40	22	50	38	4	φ50	○	○			

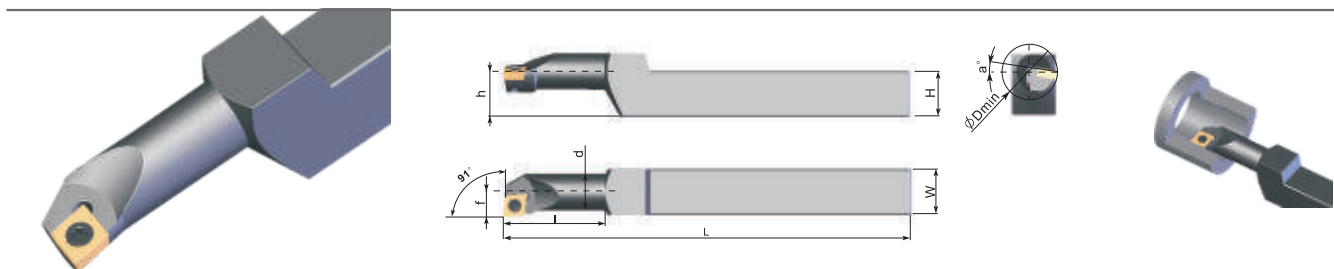
内孔车刀 (S) 型

SCLCR/L-S 95°



型号 Type	基本尺寸 Basic size										库存 Stock				
	L	d	f	l	α	Dmin	H	W	h	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench	
S10M-SCLCR 06S20	150	10	7	30	13°	φ13	22	20	20	●	○	CC..0602..	M2.5X6	T8	
S12P-SCLCR 06S20	170	12	9	40	10°	φ16	22	20	20	●	○				
S16Q-SCLCR 09S20	180	16	11	45	10°	φ20	22	20	20	●	○	CC..09T3..	M4X8	T15	
S20R-SCLCR 09S20	200	20	13	50	8°	φ25	22	20	20	●	○				
S12P-SCLCR 06S25	170	12	9	45	10°	φ16	27	25	25	●	○	CC..0602..	M2.5X6	T8	
S16Q-SCLCR 09S25	180	16	11	50	10°	φ20	27	25	25	●	○				
S20R-SCLCR 09S25	200	20	13	60	8°	φ25	27	25	25	●	○	CC..09T3..	M4X8	T15	

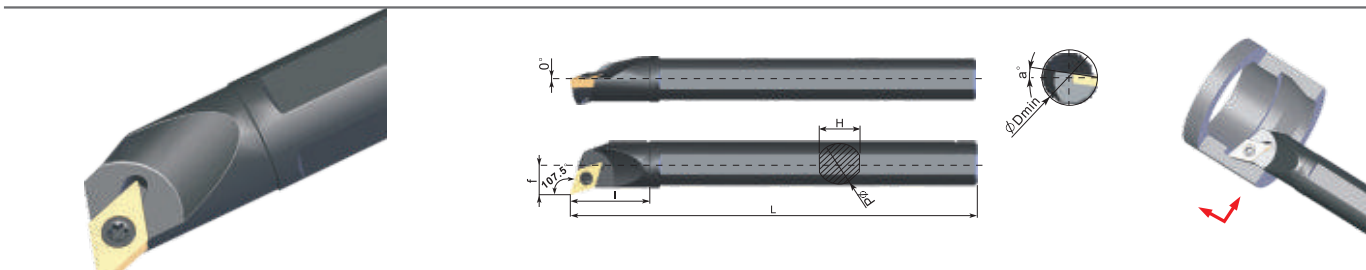
SCFCR/L-S 91°



型号 Type	基本尺寸 Basic size										库存 Stock				
	L	d	f	l	α	Dmin	H	W	h	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench	
S10M-SCFCR/L06S20	150	10	7	30	13°	φ13	22	20	20	●	○	CC..0602..	M2.5X6	T8	
S12P-SCFCR/L06S20	170	12	9	40	10°	φ16	22	20	20	●	○				
S20R-SCFCR/L09S20	200	20	13	50	8°	φ25	22	20	20	●	○				
S16Q-SCFCR/L09S20	180	16	11	45	10°	φ20	22	20	20	●	○	CC..09T3..	M4X8	T15	
S16Q-SCFCR/L09S25	180	16	11	50	10°	φ20	27	25	25	●	○				
S20R-SCFCR/L09S20	180	20	13	50	8°	φ20	22	20	20	●	○				
S20R-SCFCR/L09S25	200	20	13	60	8°	φ25	27	25	25	●	○				

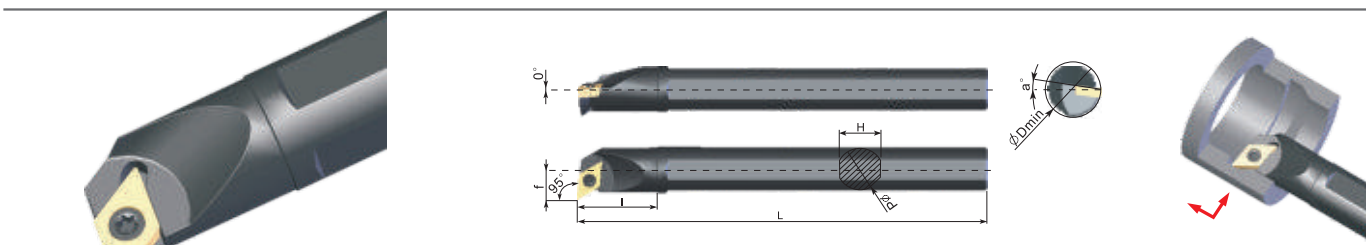
内孔车刀 (S) 型

SDQCR/L 107.5°



型号 Type	基本尺寸 Basic size							库存 Stock				
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
S10K-SDQCR/L07	125	10	7	24	9	10°	φ13	●	○	DC..0702..	M2.5X6	T8
S12M-SDQCR/L07	150	12	9	30	11	8°	φ16	●	○			
S16Q-SDQCR/L07	180	16	10.5	30	15	6°	φ20	●	○			
S16Q-SDQCR/L11	180	16	10.5	30	15	8°	φ20	●	○	DC..11T3..	M4X8	T15
S20R-SDQCR/L11	200	20	13	40	18	6°	φ25	○	○			
S25S-SDQCR/L11	250	25	16	40	23	4°	φ32	○	○			
S32T-SDQCR/L11	300	32	20	45	30	4°	φ39	○	○			

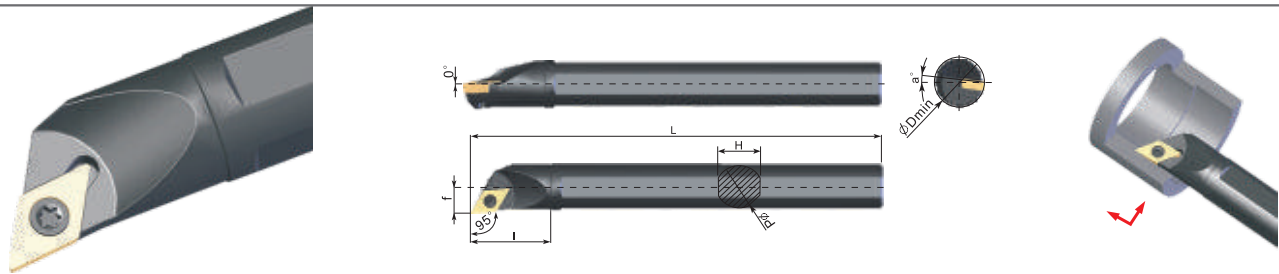
SDUCR/L 95°



型号 Type	基本尺寸 Basic size							库存 Stock				
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
S10K-SDUCR/L07	125	10	8	25	9	10°	φ15	●	○	DC..0702..	M2.5X6	T8
S12M-SDUCR/L07	150	12	9	25	11	8°	φ17	●	○			
S16Q-SDUCR/L07	180	16	11	30	15	6°	φ22	○	○			
S16Q-SDUCR/L11	180	16	11	30	15	8°	φ22	●	○	DC..11T3..	M4X8	T15
S20R-SDUCR/L11	200	20	13	40	18	6°	φ25	○	○			
S25S-SDUCR/L11	250	25	16	40	23	4°	φ32	○	○			
S32T-SDUCR/L11	300	32	20	45	30	4°	φ39	○	○			
S40T-SDUCR/L11	300	40	24	50	38	2°	φ50	○	○			

内孔车刀 (S) 型

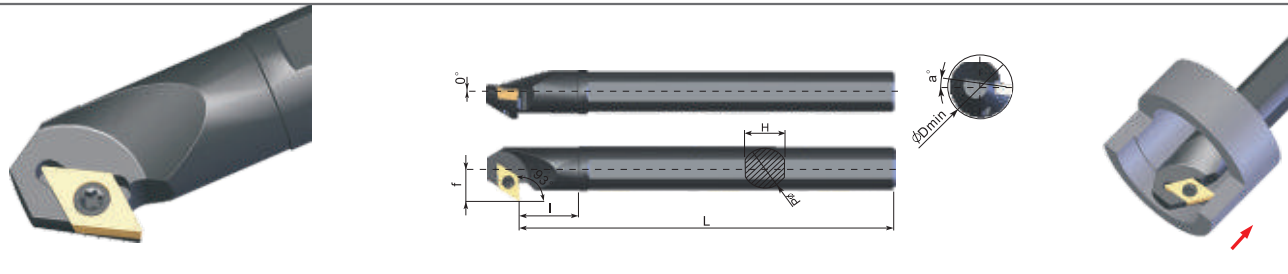
SDXCR/L 95°



型号 Type	基本尺寸 Basic size							库存 Stock		适用刀片 Insert	螺钉 Screw	扳手 Wrench
	L	d	f	l	H	α	Dmin	R	L			
S08K-SDXCR/L07	125	8	5	20	7	12°	φ10	●	○	DC..0702..	M2.5X5	T8
S10K-SDXCR/L07	125	10	6	25	9	10°	φ13	●	○		M2.5X6	
S12M-SDXCR/L07	150	12	7	30	11	8°	φ16	●	○			
S16Q-SDXCR/L07	180	16	9	30	15	6°	φ20	○	○			
S20R-SDXCR/L11	200	20	11.5	40	18	6°	φ25	○	○	DC..11T3..	M4X8	T15
S25S-SDXCR/L11	250	25	14	40	23	4°	φ32	○	○		M4X10	

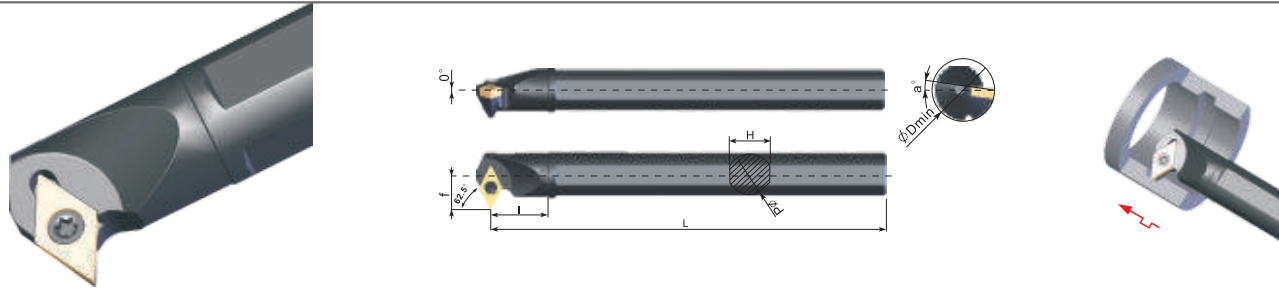
内孔车刀 (S) 型

SDZCR/L 93°



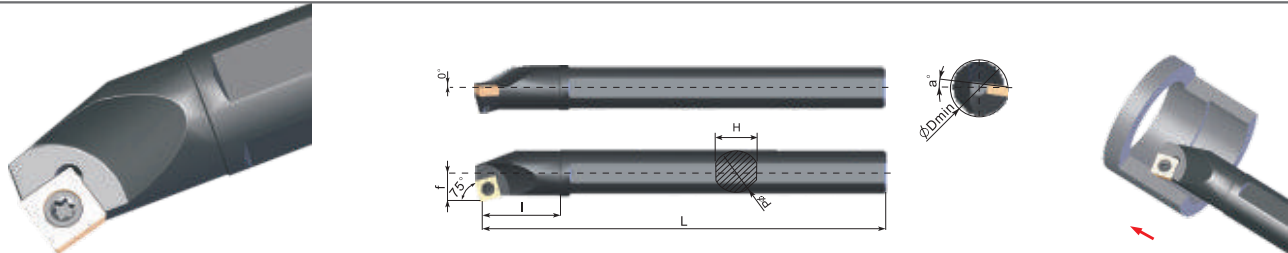
型号 Type	基本尺寸 Basic size							库存 Stock		适用刀片 Insert	螺钉 Screw	扳手 Wrench
	L	d	f	l	H	α	Dmin	R	L			
S12M-SDZCR/L07	150	12	9.5	30	11	10°	φ18	●	○	DC..0702..	M2.5X6	T8
S16Q-SDZCR/L07	180	16	11.5	30	15	8°	φ24	●	○			
S20R-SDZCR/L11	200	20	14.5	40	18	8°	φ28	●	○	DC..11T3..	M4X8	T15
S25S-SDZCR/L11	250	25	17	45	23	6°	φ34	○	○		M4X10	

SDWCR/L 62.5°



型号 Type	基本尺寸 Basic size							库存 Stock		适用刀片 Insert	螺钉 Screw	扳手 Wrench
	L	d	f	l	H	α	Dmin	R	L			
S12M-SDWCR/L07	150	12	10.5	25	11	10°	φ19	●	○	DC..0702..	M2.5X6	T8
S16Q-SDWCR/L07	180	16	12.5	30	15	8°	φ23	○	○			
S20R-SDWCR/L11	200	20	14.5	35	18	6°	φ27	○	○	DC..11T3..	M4X8	T15
S25S-SDWCR/L11	250	25	17	40	23	4°	φ32	○	○		M4X10	

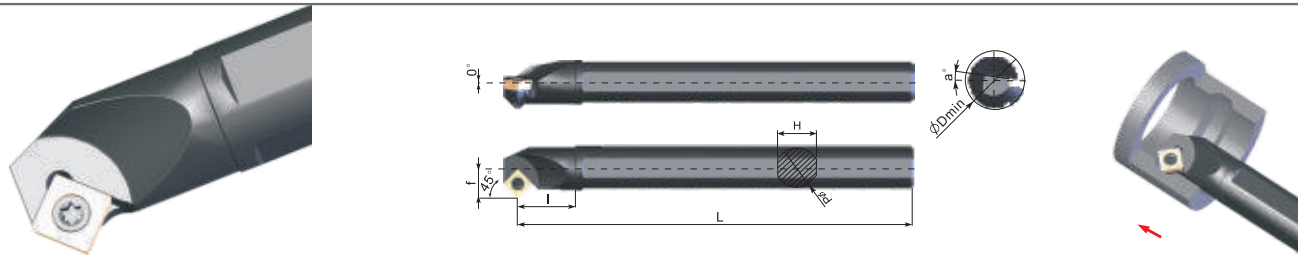
SSKCR/L 75°



型号 Type	基本尺寸 Basic size							库存 Stock		适用刀片 Insert	螺钉 Screw	扳手 Wrench
	L	d	f	l	H	α	Dmin	R	L			
S12M-SSKCR/L09	150	12	8.5	30	11	12°	φ16	●	○	SC..09T3..	M4X8	T15
S16Q-SSKCR/L09	180	16	10.5	30	15	10°	φ20	○	○			
S20R-SSKCR/L09	200	20	12.5	40	18	8°	φ24	○	○		M4X10	T20
S25S-SSKCR/L09	250	25	15	40	23	6°	φ31	○	○			
S25S-SSKCR/L12	250	25	16	45	23	8°	φ32	○	○	SC..1204..	M5X12	T20
S32T-SSKCR/L12	300	32	19.5	50	30	6°	φ39	○	○			

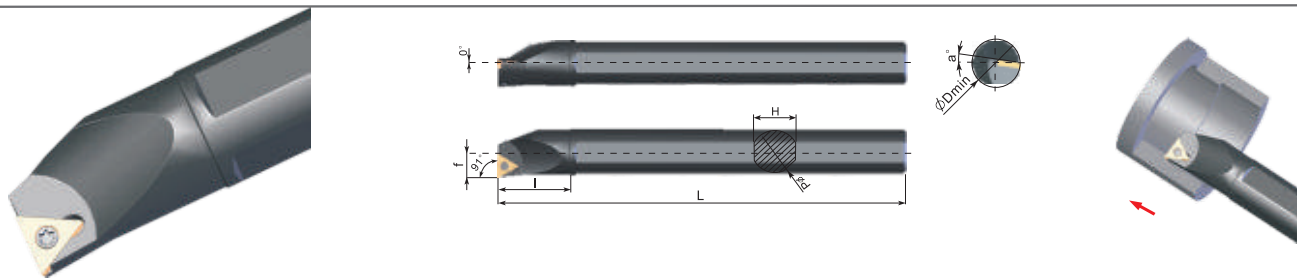
内孔车刀 (S) 型

SSSCR/L 45°



型号 Type	基本尺寸 Basic size							库存 Stock						
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench		
S12M-SSSCR/L09	150	12	8.5	30	11	12°	φ16	●	○	SC..09T3..	M4X8	T15		
S20R-SSSCR/L09	200	20	13.5	40	18	8°	φ26	●	○		SC..1204..		M4X10	T20
S16Q-SSSCR/L09	180	16	11.5	40	15	10°	φ22	●	○				M5X12	
S25R-SSSCR/L12	200	25	17	45	23	8°	φ32	●	○					
S32T-SSSCR/L12	250	32	20.5	50	30	6°	φ39	○	○					

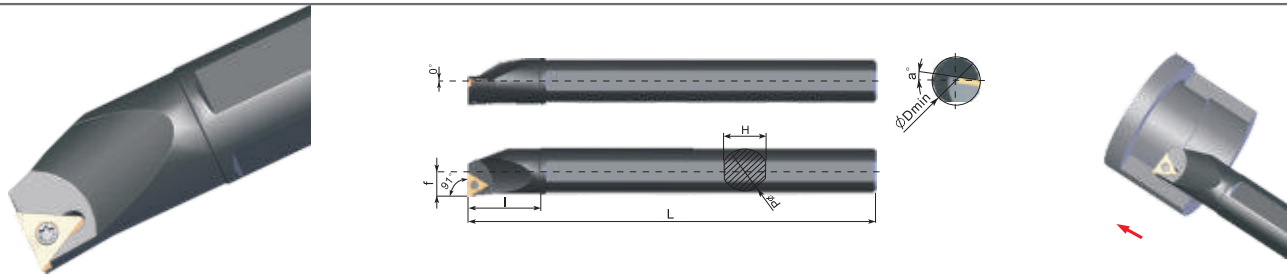
STFPR/L 91°



型号 Type	基本尺寸 Basic size							库存 Stock				
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
S08K-STFPR/L09	125	8	5	23	23	10°	φ11	●	○	TP..0902..	M2.5X5	T8
S10K-STFPR/L09	125	10	6	24	24	8°	φ13	●	○		M2.5X6	
S12M-STFPR/L09	150	12	7	24	24	8°	φ15	●	○		M2.2x5	
S10K-STFPR/L11	125	10	6	24	24	12°	φ13	●	○	TP..1103..	M3X6	T10
S12M-STFPR/L11	150	12	7	27	27	8°	φ20	●	○		M3X8	
S14N-STFPR/L11	160	14	8	30	30	8°	φ16	●	○		M3X6	
S16Q-STFPR/L11	180	16	9	30	30	8°	φ20	●	○		M3X8	
S20R-STFPR/L11	200	20	11	35	35	6°	φ24	●	○		M4X8	
S20R-STFPR/L16	200	20	11.5	35	35	6°	φ24	●	○	TP..1603..	M4X10	T15
S25S-STFCR/L16	250	25	14	40	40	4°	φ31	●	○			

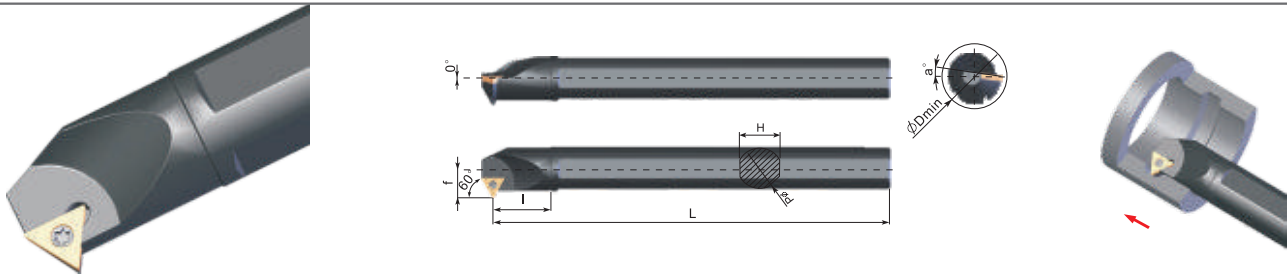
内孔车刀 (S) 型

STFCR/L 91°



型号 Type	基本尺寸 Basic size							库存 Stock				
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
S08K-STFCR/L09	125	8	5	23	7	15°	φ11	●	○	TC..0902..	M2.2X5	T6
S10K-STFCR/L09	125	10	6	24	9	13°	φ13	●	○			
S12M-STFCR/L09	150	12	7	27	11	10°	φ16	●	○			
S16Q-STFCR/L09	180	16	9	27	15	8°	φ20	●	○			
S10K-STFCR/L11	125	10	6	24	9	12°	φ13	●	○	TC..1102..	M2.5X6	T8
S12M-STFCR/L11	150	12	7	27	11	10°	φ16		○			
S16Q-STFCR/L11	180	16	9	30	15	8°	φ20	○	○			
S20R-STFCR/L11	200	20	11	35	18	6°	φ25	○	○			
S20R-STFCR/L16	200	20	11.5	40	18	8°	φ25	○	○	TC..16T3..	M4X8	T15
S25S-STFCR/L16	250	25	14	40	23	6°	φ31	○	○		M4X10	
S32T-STFCR/L16	300	32	17.5	45	30	4°	φ39	○	○			
S40T-STFCR/L16	300	40	21.5	55	38	2°	φ50	○	○			

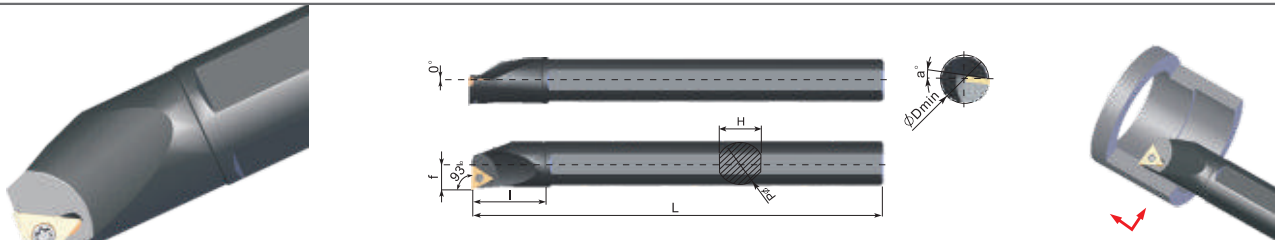
STWCR/L 60°



型号 Type	基本尺寸 Basic size							库存 Stock				
	L	d	f	I	H	α	Dmin	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
S08K-STWCR/L09	125	8	5.5	25	7	12°	φ11	●	○	TC..0902	M2.2X5	T6
S10K-STWCR/L11	125	10	8	25	9	10°	φ14	●	○			
S12M-STWCR/L11	150	12	9	30	11	8°	φ16	●	○			
S16Q-STWCR/L11	180	16	11	30	15	6°	φ20	○	○	TC..1102..	M2.5X6	T8
S20R-STWCR/L11	200	20	13	35	18	4°	φ25	○	○			
S20R-STWCR/L16	200	20	14.5	40	18	8°	φ25	○	○		TC..16T3..	
S25S-STWCR/L16	250	25	17	45	23	6°	φ32	○	○	M4X10		

内孔车刀 (S) 型

STU□R/L 95°

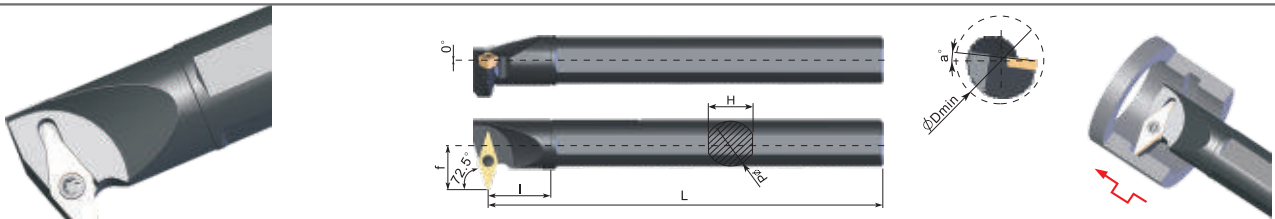


型号 Type	基本尺寸 Basic size							库存 Stock				
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
S08K-STUCR/L09	125	8	5	23	7	15°	φ11	●	○	TC..0902..	M2.2X5	T6
S10K-STUCR/L09	125	10	6	24	9	13°	φ13	●	○			
S12M-STUCR/L09	150	12	7	27	11	10°	φ16	●	○			
S10K-STUCR/L11	125	10	6	24	9	12°	φ13	●	○	TC..1102..	M2.5X6	T8
S12M-STUCR/L11	150	12	7	27	11	10°	φ16	●	○			
S16Q-STUCR/L11	180	16	9	30	15	8°	φ20	○	○			
S20R-STUCR/L11	200	20	11	35	18	6°	φ25	○	○	TC..16T3..	M4X8	T15
S20R-STUCR/L16	200	20	11.5	40	18	8°	φ25	○	○			
S25S-STUCR/L16	250	25	14	40	23	6°	φ31	●	○			
S32T-STUCR/L16	300	32	17.5	45	30	4°	φ39	○	○	TC..16T3..	M4X10	T15
S40T-STUCR/L16	300	40	21.5	55	38	0°	φ50	○	○			

型号 Type	基本尺寸 Basic size							库存 Stock				
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
S08K-STUPR/L09	125	8	5	23	7	10°	φ11	●	○	TP..0902..	M2.5X5	T8
S10K-STUPR/L09	125	10	6	24	9	8°	φ13	●	○		M2.5X6	
S12M-STUPR/L09	150	12	7	24	11	10°	φ16	●	○			
S10K-STUPR/L11	125	10	6	24	9	12°	φ13	●	○	TP..1103..	M3X6	T10
S12M-STUPR/L11	150	12	7	27	11	10°	φ16	●	○			
S16Q-STUPR/L11	180	16	9	30	15	8°	φ20	○	○			
S20R-STUPR/L11	200	20	11	35	18	6°	φ24	○	○			
S20R-STUPR/L16	200	20	11.5	35	18	6°	φ24	●	○		TP..1603..	

内孔车刀 (S) 型

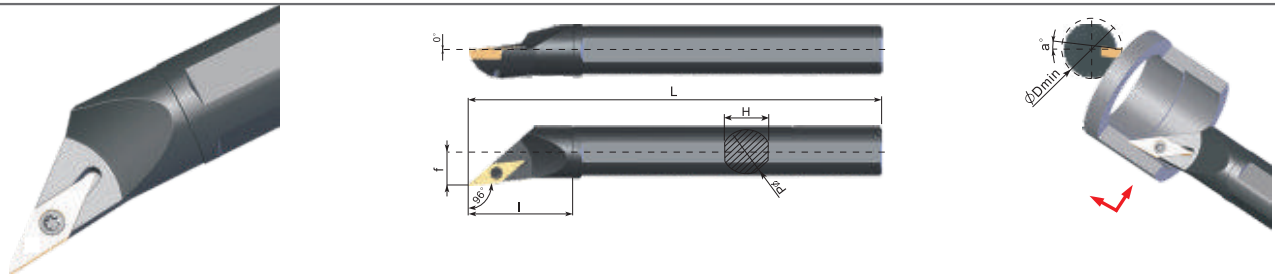
SVW□R/L 72.5°



型号 Type	基本尺寸 Basic size							库存 Stock				
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
S25S-SVWCR/L16	250	25	23	30	23	6°	φ38	○	○	VC..1604..	M4X10	T15
S32T-SVWCR/L16	300	32	26	40	30	4°	φ45	○	○			

型号 Type	基本尺寸 Basic size							库存 Stock				
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
	S25S-SVWBR/L16	250	25	23	30	23	8°	φ38	○	○	VB..1604..	M4X10
S32T-SVWBR/L16	300	32	26	40	30	6°	φ45	○	○			

SVX□R/L 96°

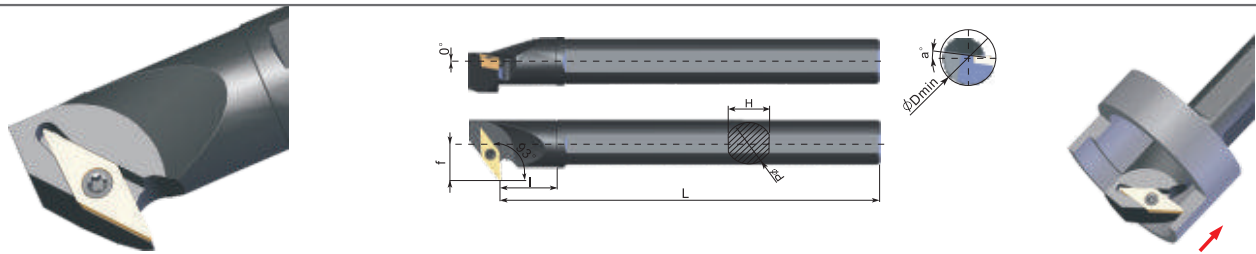


型号 Type	基本尺寸 Basic size							库存 Stock				
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
S10K-SVXCR/L11	125	10	6	30	9	13°	φ12	●	○	VC..1103..	M2.5X6	T8
S12M-SVXCR/L11	150	12	7	35	11	10°	φ14	●	○			
S16Q-SVXCR/L11	180	16	11	40	15	8°	φ22	●	○			
S20R-SVXCR/L11	200	20	13.5	45	18	6°	φ27	○	○	VC..1604..		T15
S20R-SVXCR/L16	200	20	13.5	50	18	8°	φ27	●	○		M4X8	
S25S-SVXCR/L16	250	25	16	50	23	6°	φ32	●	○			
S32T-SVXCR/L16	300	32	19.5	60	30	8°	φ40	●	○		M4X10	

型号 Type	基本尺寸 Basic size							库存 Stock				
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
S16Q-SVXBR/L11	180	16	11	40	15	10°	φ 22	●	○	VB..1103..	M2.5X6	T8
S20R-SVXBR/L11	200	20	13.5	45	18	8°	φ 27	○	○			
S20R-SVXBR/L16	200	20	13.5	50	18	10°	φ 27	●	○	VB..1604..	M4X8	T15
S25S-SVXBR/L16	250	25	16	50	23	8°	φ 32	●	○			
S32T-SVXBR/L16	300	32	19.5	60	30	10°	φ 40	○	○		M4X10	
S40T-SVXBR/L16	300	40	23.5	65	38	8°	φ 50	○	○			

内孔车刀 (S) 型

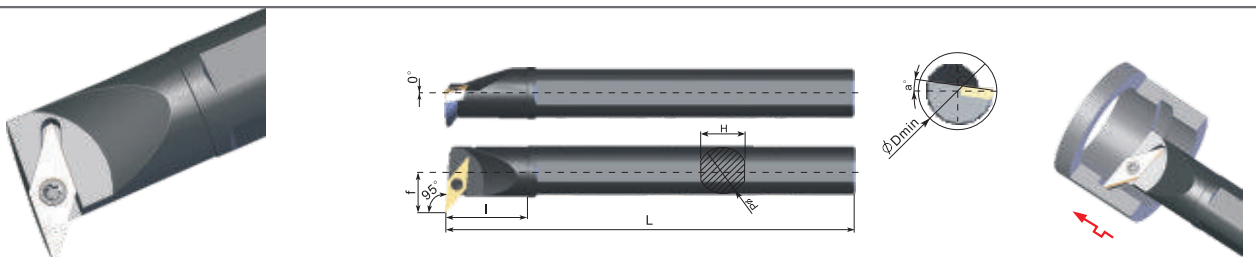
SVZ□R/L 93°



型号 Type	基本尺寸 Basic size							库存 Stock				
	L	d	f	l	H	α	Dmin	R	L			
S16Q-SVZCR/L11	180	16	12	34	15	8°	φ22	●	○	VC..1103..	M2.5X6	T8
S20R-SVZCR/L11	200	20	14	37	18	6°	φ27	●	○			
S25S-SVZCR/L16	250	25	19.5	50	23	6°	φ34	●	○			

型号 Type	基本尺寸 Basic size							库存 Stock				
	L	d	f	l	h	α	Dmin	R	L			
S16Q-SVZBR/L11	180	16	12	34	15	10°	φ22	●	○	VB..1103..	M2.5X6	T8
S20R-SVZBR/L11	200	20	14	37	18	8°	φ27	●	○			
S25S-SVZBR/L16	250	25	19.5	50	23	8°	φ34	●	○			

SVU□R/L 95°

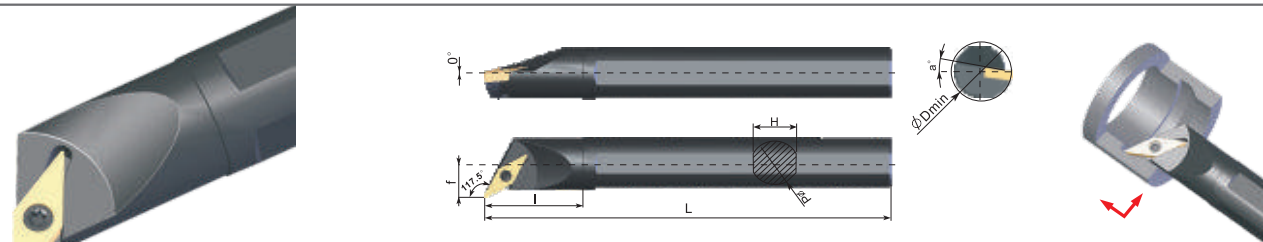


型号 Type	基本尺寸 Basic size							库存 Stock				
	L	d	f	l	H	α	Dmin	R	L			
S16Q-SVUCR/L11	180	16	12.5	30	15	8°	φ22	●	○	VC..1103..	M2.5X6	T8
S20R-SVUCR/L11	200	20	14	32	18	6°	φ27	●	○			
S25S-SVUCR/L16	250	25	20	50	23	6°	φ35	●	○			
S32T-SVUCR/L16	300	32	22.5	50	30	8°	φ42	●	○	VC..1604..	M4X10	T15
S40T-SVUCR/L16	300	40	27	55	38	6°	φ51	○	○			

型号 Type	基本尺寸 Basic size							库存 Stock				
	L	d	f	l	H	α	Dmin	R	L			
S16Q-SVUBR/L11	180	16	12.5	30	15	10°	φ22	●	○	VB..1103..	M2.5X6	T8
S20R-SVUBR/L11	200	20	14	32	18	8°	φ27	●	○			
S25S-SVUBR/L16	250	25	20	50	23	8°	φ35	●	○			
S32T-SVUBR/L16	300	32	22.5	50	30	10°	φ42	●	○	VB..1604..	M4X10	T15
S40T-SVUBR/L16	300	40	27	55	38	8°	φ51	○	○			

内孔车刀 (S) 型

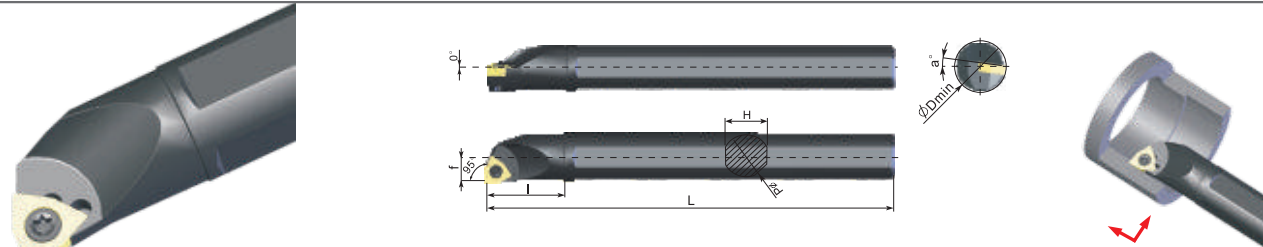
SVQ□R/L 117.5°



型号 Type	基本尺寸 Basic size							库存 Stock				
	L	d	f	l	H	α	Dmin	R	L			
S16Q-SVQCR/L11	180	16	11.5	35	15	8°	φ22	●	○	VC..1103..	M2.5X6	T8
S20R-SVQCR/L11	200	20	14	39	18	6°	φ27	●	○			
S20R-SVQCR/L16	200	20	14	50	18	8°	φ27	●	○			
S25S-SVQCR/L16	250	25	16.5	50	23	6°	φ32	●	○	VC..1604..	M4X10	T15
S32T-SVQCR/L16	300	32	22.5	55	30	8°	φ41	○	○			

型号 Type	基本尺寸 Basic size							库存 Stock				
	L	d	f	l	H	α	Dmin	R	L			
S16Q-SVQBR/L11	180	16	11.5	35	15	10°	φ22	●	○	VB..1103..	M2.5X6	T8
S20R-SVQBR/L11	200	20	14	39	18	8°	φ27	●	○			
S20R-SVQBR/L16	200	20	14	50	18	10°	φ27	●	○			
S25S-SVQBR/L16	250	25	16.5	50	23	8°	φ32	●	○	VB..1604..	M4X10	T15
S32T-SVQBR/L16	300	32	22.5	55	30	10°	φ41	○	○			

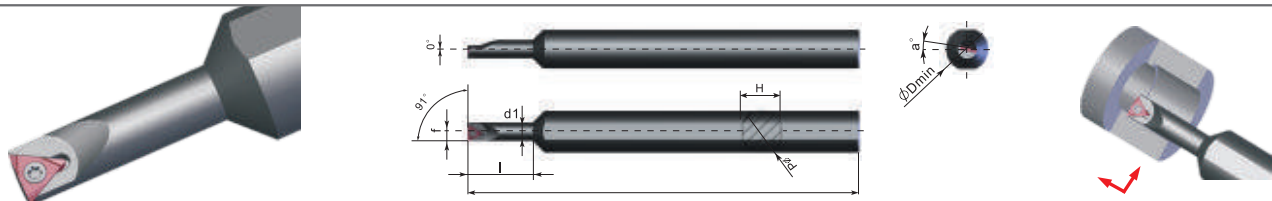
SWLCR/L 95°



型号 Type	基本尺寸 Basic size							库存 Stock				
	L	d	f	l	H	α	Dmin	R	L			
S12M-SWLCR/L06	150	12	7.5	37	11	13°	φ16	●	○	WC..06T3..	M4X8	T15
S16Q-SWLCR/L06	180	16	9.5	40	15	10°	φ20	●	○			
S20R-SWLCR/L06	200	20	11.5	40	18	8°	φ25	●	○			
S25S-SWLCR/L06	250	25	14	40	23	6°	φ31	●	○			

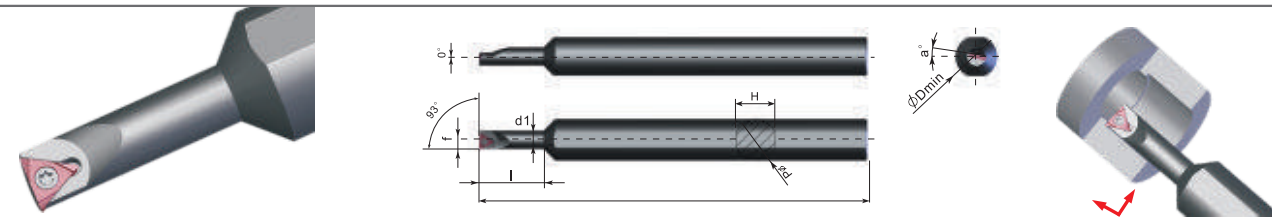
内孔车刀 (S) 型

STFBR/L 91°



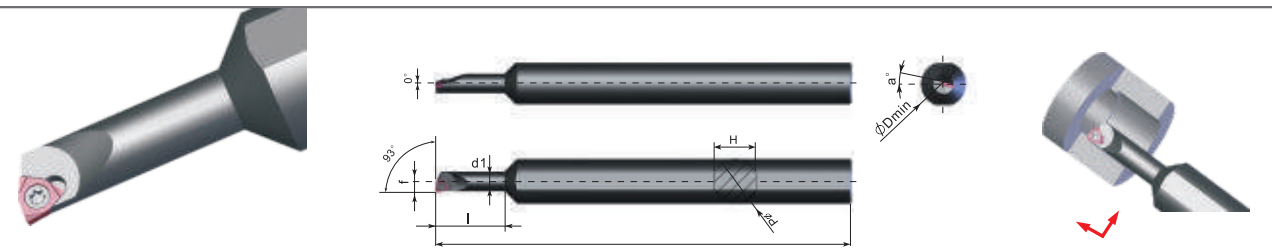
型号 Type	基本尺寸 Basic size								库存 Stock				
	L	d	d1	f	l	H	α	Dmin	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
S0806H-STFBR/L06	100	8	6	3.5	20	7	12°	φ7	●	○	TBGT0601...	M2.0X4	T6
S1006K-STFBR/L06	125	10	6	3.5	20	9	12°	φ7	●	○			
S1207K-STFBR/L06	125	12	7	4	25	11	12°	φ8	●	○			
S1607M-STFBR/L06	150	16	7	4	25	15	12°	φ8	●	○			

STUBR/L 93°



型号 Type	基本尺寸 Basic size								库存 Stock				
	L	d	d1	f	l	H	α	Dmin	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
S0806H-STUBR/L06	100	8	6	3.5	20	7	12°	φ7	●	○	TBGT0601..	M2.0X4	T6
S1006K-STUBR/L06	125	10	6	3.5	20	9	12°	φ7	●	○			
S1207K-STUBR/L06	125	12	7	4	25	11	12°	φ8	●	○			
S1607M-STUBR/L06	150	16	7	4	25	15	12°	φ8	●	○			

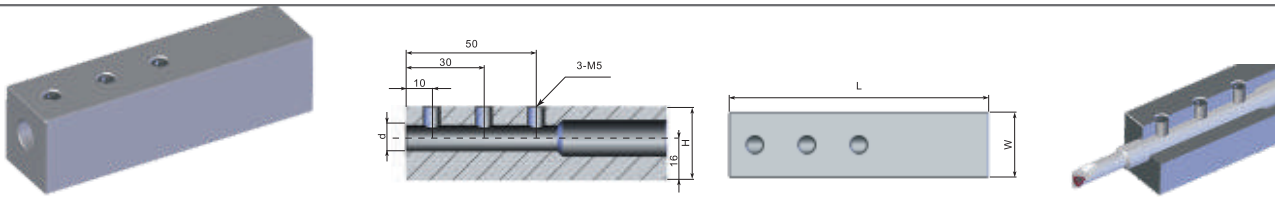
SWUBR/L 93°



型号 Type	基本尺寸 Basic size								库存 Stock				
	L	d	d1	f	l	H	α	Dmin	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
S0805H-SWUBR/L06	100	8	5	3	18	7	14°	φ6	●	○	WBGTO601..	M2.0X4	T6
S1006K-SWUBR/L06	125	10	6	3.5	20	9	12°	φ7	●	○			
S1207K-SWUBR/L06	125	12	7	4	25	11	12°	φ8	●	○			
S1607M-SWUBR/L06	150	16	7	4	25	15	12°	φ8	●	○			

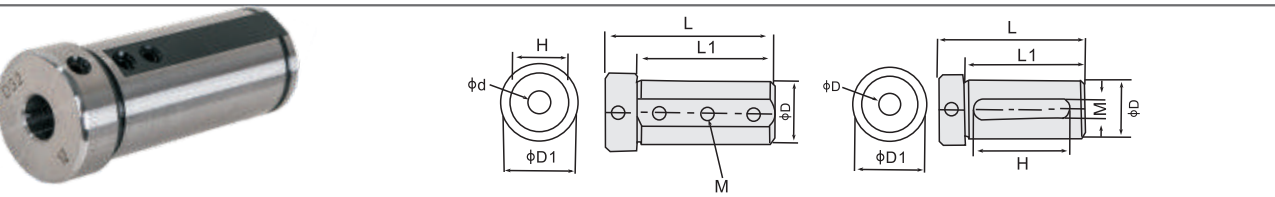
变径刀套

BLS刀套



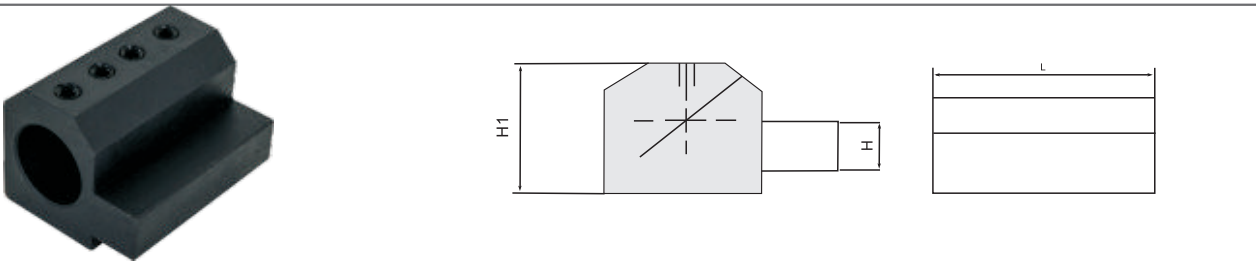
型号 Type	基本尺寸 Basic size				库存 Stock	螺钉 Screw	扳手 Wrench
	L	H	W	d			
BLS20-10-80	80	20	20	10	○	M4x14	S 3.0
BLS20-08-80	80	20	20	08	○		
BLS25-12-100	100	25	25	12	○		
BLS25-16-100	100	25	25	16	○		

ZW车刀转换套



型号 Type	基本尺寸 Basic size			
	D	L1	L	d
D20	20	55	67	4/5/6/7/8/9/10/12/16
D25	25	65	77	5/6/8/10/12/14/16/18/20
D32	32	70	85	6/8/10/12/14/16/18/20/25
D40	40	85	100	6/8/10/12/14/16/18/20/25/32
D50	50	85	100	8/10/12/16/20/25/32/40

ZW辅助刀座



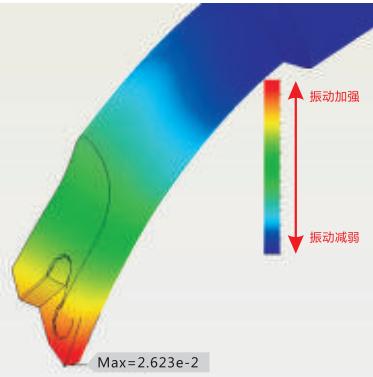
型号 Type	基本尺寸 Basic size			
	H	D	H1	L
ZW20-25	20	25	47	50
ZW20-32	20	32	55	70
ZW25-32	25	32	55	70
ZW20-40	20	40	65	80
ZW25-40	25	40	65	80

新式前刀面及容屑槽

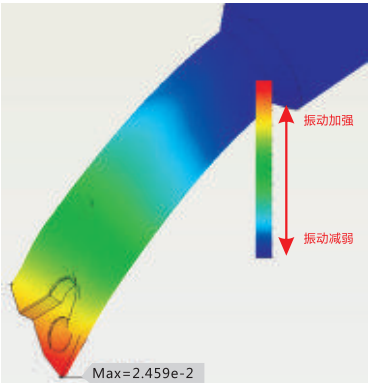
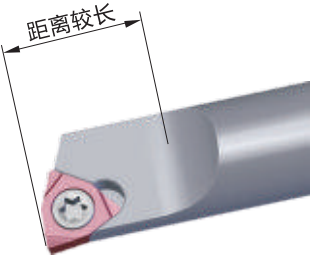
天雅公司新设计的内孔刀前刀面及容屑槽形式，能在相同材质和热处理条件下，提高刀杆的抗震性能。我们通过计算机模拟刀杆切削时的工作环境，来说明老式刀杆和新式刀杆在抗震性方面的差别。

我们选择刀杆S1007M-SWUBR06（未热处理）为验证对象
假设刀杆切削时的参数（ $V_c=120\text{m/min}$, $a_p=0.5\text{mm}$, $f=0.15\text{mm}$ ）
设定刀杆刀尖部分此时受到的切削力为100N

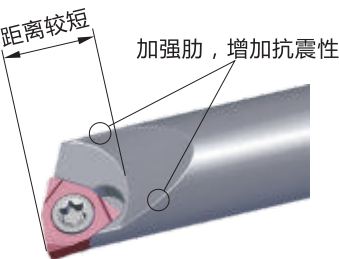
此时刀杆各部位的受力弯曲变形分别如下图：



老式刀杆受力变形分析图

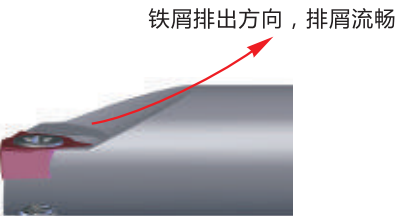
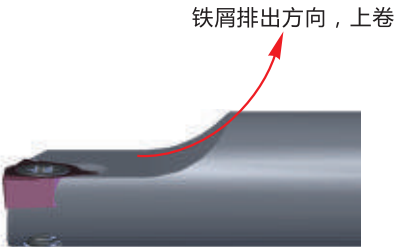


新式刀杆受力变形分析图



由以上对比分析可以看出，刀杆弯曲变形量最大的部位在刀尖处，且新式刀杆的变形量比老式刀杆减

新式排屑槽也能使铁屑流畅的排出



新式刀杆比老式刀杆抗震性提高约8%

THREADING TOOLS SERIES

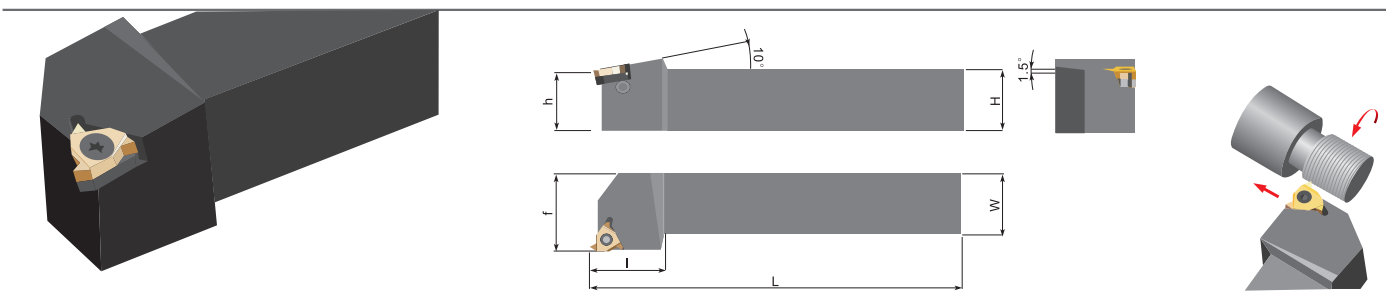
螺 纹 刀 编 号 说 明

B S E R 12 12 H 16

刀尖朝向		压紧方式		用途		切削方向		中心高 (mm)		刀柄尺寸 (mm)		刀柄长度 (mm)		刀片内接图 (mm)	
B	刀尖朝侧面	S	镶钉压紧	E	外圆加工	R	右手	00	圆刀杆	12	12	H	100	16	9.525
缺省	刀尖朝前面	C	压板压紧	N	内孔加工	L	左手	12	12	16	16	K	125	22	12.7
								16	16	20	20	M	150		
								20	20	25	25	P	170		
								25	25	32	32	R	200		
								32	32	40	40				
								40	40						

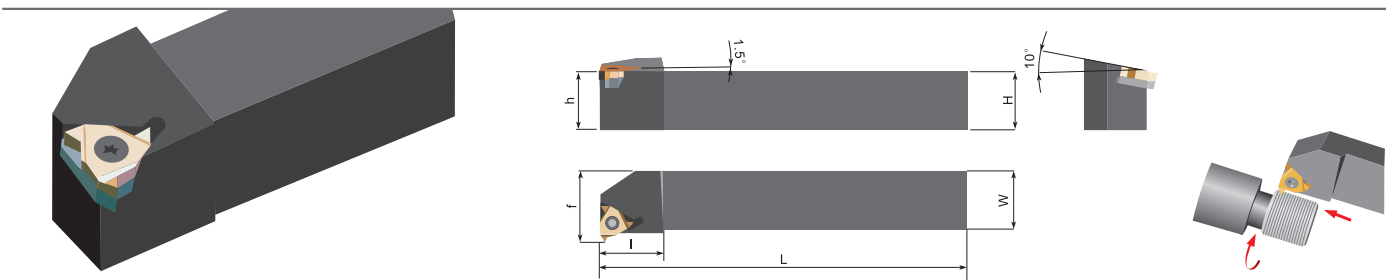
螺纹刀系列

SER/L



型号 Type	基本尺寸 Basic size						库存 Stock							
	H	W	L	h	f	l	R	L	适用刀片 Insert	刀垫 Shim	刀片螺钉 Screw	刀垫螺钉圆杯 Screw	扳手 Wrench	
SER/L1212H16	12	12	100	12	16	16	●	○	16ER/L...	— ST16	M3.5X10	—	T15	
SER/L1616H16	16	16	100	16	20	22	●	○			M3.5X12	M4X8		
SER/L2020K16	20	20	125	20	25	25	●	○					22ER/L...	ST22
SER/L2525K16	25	25	150	25	32	25	●	○						
SER/L3232P16	32	32	170	32	40	25	●	○						
SER/L2020K22	20	20	125	20	25	28	●	○						
SER/L2525M22	25	25	150	25	42	30	●	○						
SER/L3232P22	32	32	170	32	40	30	●	○						

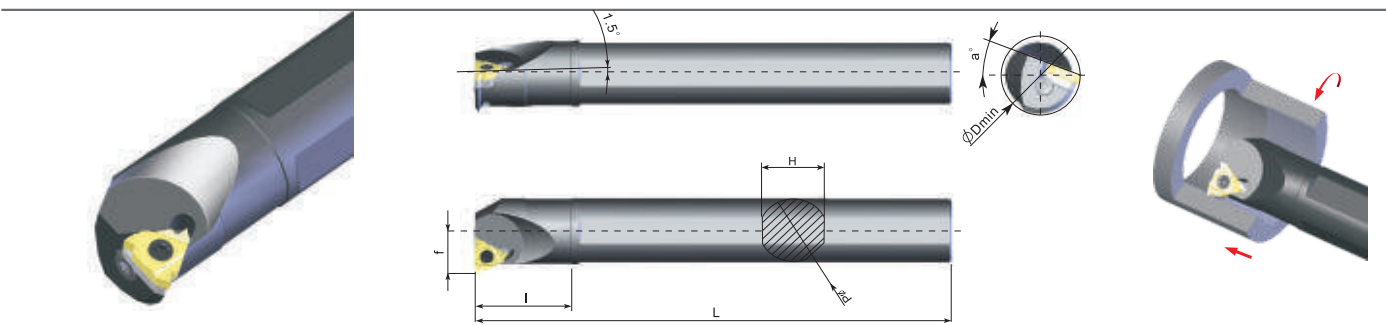
B- SER/L



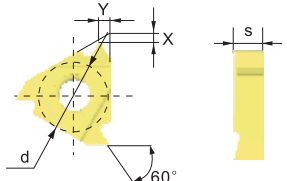
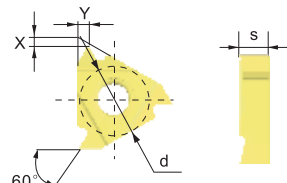
型号 Type	基本尺寸 Basic size						库存 Stock						
	H	W	L	h	f	l	R	L	适用刀片 Insert	刀垫 Shim	刀片螺钉 Screw	刀垫螺钉圆杯 Screw	扳手 Wrench
B-SER/L1212H16	12	12	100	12	16	16	○	●	16ER/L...	—	M3.5X10	—	T15
B-SER/L1616H16	16	16	100	16	20	22	○	●		ST16	M3.5X12	M4X8	
B-SER/L2020K16	20	20	125	20	25	25	○	●					

螺纹刀系列

SNR/L



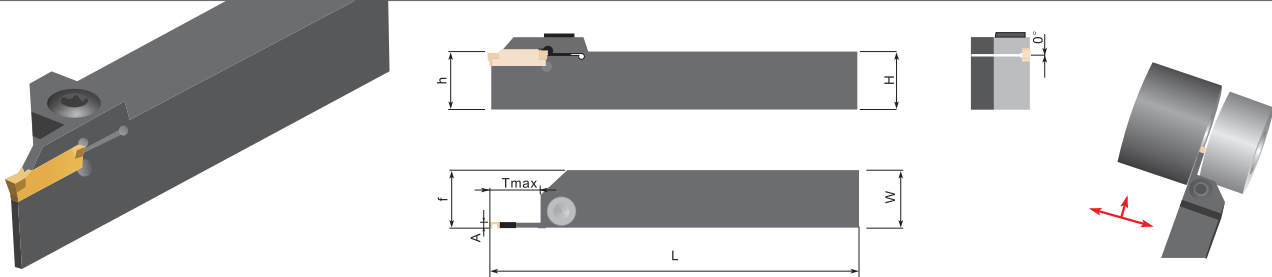
型号 Type	基本尺寸 Basic size								库存 Stock						
	L	d	f	l	H	α	Dmin	R	L	适用刀片 Insert	刀垫 Shim	刀片螺钉 Screw	刀垫螺钉圆杯 Screw	扳手 Wrench	
SNR/L0010K11	125	10	7.4	25	9	21°	φ12	●	○	11NR/L.. 11IR/L..		M2.5X6		T8	
SNR/L0012M11	125	12	8	25	11	15°	φ15	●	○						
SNR/L0013M11	125	16	8.9	32	15	15°	φ15	●	○	16NR/L.. 16IR/L..	—	M3.5X10	—	T15	
SNR/L0013M16	125	16	10.2	32	15	17°	φ16	●	○						
SNR/L0016Q16	150	16	11.7	40	15	15°	φ19	●	○						
SNR/L0020R16	180	20	13.7	40	18	21°	φ24	●	○						
SNR/L0025S16	180	25	16.2	45	23	21°	φ29	●	○	22NR/L.. 22IR/L..		M4.5X15		T20	
SNR/L0032T16	250	32	19.7	50	30	15°	φ36	●	○						
SNR/L0020R22	200	20	15.6	47	18	21°	φ26	●	○						
SNR/L0025S22	180	25	18.1	47	24	21°	φ29	●	○	16NR/L.. 16IR/L.. 22NR/L.. 22IR/L..	ST16 ST22	M3.5X12 M4.5X15	M4X8	T15,T20	
SNR/L0032S22	250	32	21.6	55	30	15°	φ38	●	○						
SNR/L0032T16B	250	32	19.7	50	30	15°	φ36	●	○						
SNR/L0032T22B	250	32	21.6	55	30	15°	φ38	●	○						

图片	图例	型号	螺距	尺寸			
				d	S	X	Y
	外螺纹车刀 	16ER/0.75	0.75	9.525	3.65	0.8	0.8
		16ER/1.00	1.00				
		16ER/1.25	1.25				
		16ER/1.50	1.50				
		16ER/1.75	1.75				
		16ER/2.00	2.00				
		16ER/2.50	2.50	12.7	4.80	1.2	1.5
		16ER/3.00	3.00				
		22ER/3.50	3.50				
		22ER/4.00	4.00				
		22ER/4.50	4.50				
		22ER/5.00	5.00				
	内螺纹车刀 	11NR/0.75	0.75	6.35	3.00	0.8	0.8
		11NR/1.00	1.00				
		11NR/1.25	1.25				
		11NR/1.50	1.50				
		11NR/1.75	1.75				
		16NR/0.75	0.75			9.525	3.65
		16NR/1.00	1.00				
		16NR/1.25	1.25				
		16NR/1.50	1.50				
		16NR/1.75	1.75				
		16NR/2.00	2.00				
		16NR/2.50	2.50	12.7	4.80	1.2	1.5
		16NR/3.00	3.00				
		22NR/3.00	3.00				
		22NR/4.00	4.00				
		22NR/4.50	4.50				
		22NR/5.00	5.00				

GROOVING
TOOL HOLDERS
SERIES
切槽（断）刀系列

切槽（断）刀系列

ZQS□□R/L ZQS□□R/L-K

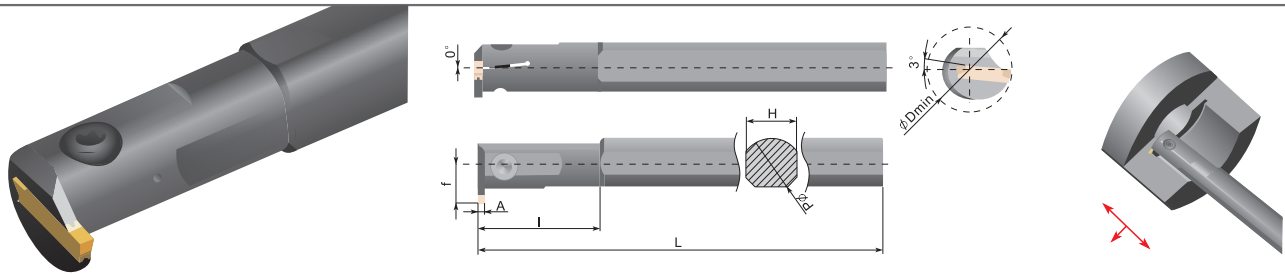


型号 Type	基本尺寸 Basic size								库存 Stock			
	H	W	L	h	f	A	T	R	L			
ZQS1616R/L-2015H	16	16	100	16	16	2.0	10	○	○	WGE20	M5X16	S3.0
ZQS1616R/L-2510H						2.5	10	○	○	ZFED025		
ZQS1616R/L-2515H						3.0	15	○	○	Z.ED025		
ZQS1616R/L-3015H						2.5	15	●	○	Z.FD03		
ZQS1616R/L-4015H	20	20	125	20	20	4.0	15	●	○	Z.ED04	M6X20	S4.0
ZQS2020R/L-2015K						2.0	15	○	○	WGE20		
ZQS2020R/L-2515K						2.5	15	○	○	Z.ED025		
ZQS2020R/L-3020K						3.0	20	○	○	Z.FD03		
ZQS2020R/L-4022K						4.0	22	○	○	Z.GD04		
ZQS2020R/L-5022K	25	25	150	25	25	5.0	22	○	○	Z.HD05		
ZQS2525R/L-2525M						2.5	15	○	○	Z.ED025		
ZQS2525R/L-3020M						3.0	20	○	○	Z.FD03		
ZQS2525R/L-4022M						4.0	22	○	○	Z.GD04		
ZQS2525R/L-5022M	32	32	170	32	32	5.0	22	○	○	Z.HD05		
ZQS2525R/L-6025M						6.0	25	○	○	Z.KD06		
ZQS3232R/L-3020P						3.0	15	○	○	Z.FD03		
ZQS3232R/L-4022P						4.0	22	○	○	Z.GD04		
ZQS3232R/L-5022P	32	32	170	32	32	5.0	22	○	○	Z.HD05		
ZQS3232R/L-6025P						6.0	25	○	○	Z.KD06		

型号 Type	基本尺寸 Basic size								库存 Stock			
	H	W	L	h	f	A	T	R	L			
ZQS1616R/L-1515H-K	16	16	100	16	16	1.5	14.5	●	○	MGMN150	M5X15	S4.0
ZQS1616R/L-2015H-K						2.0	14.5	●	○	MGMN200		
ZQS1616R/L-2517H-K						2.5	16.5	●	○	MGMN250		
ZQS1616R/L-3016H-K						3.0	18	●	○	M.MN300		
ZQS1616R/L-4016H-K	20	20	125	20	20	4.0	18	●	○	M.MN400	M6X17	S5.0
ZQS2020R/L-1515K-K						1.5	14.5	●	○	MGMN150		
ZQS2020R/L-2015K-K						2.0	14.5	●	○	MGMN200		
ZQS2020R/L-2517K-K						2.5	16.8	●	○	MGMN300		
ZQS2020R/L-3018K-K						3.0	18	●	○	M.MN300		
ZQS2020R/L-4018K-K						4.0	18	●	○	M.MN400		
ZQS2020R/L-4022K-K	25	25	150	25	25	4.0	18	●	○	M.MN400		
ZQS2020R/L-5023K-K						5.0	23	●	○	M.MN500		
ZQS2525R/L-2015M-K						2.0	14.5	●	○	MGMN200	M6X20	S5.0
ZQS2525R/L-2517M-K						2.5	16.5	●	○	MGMN250		
ZQS2525R/L-3018M-K	32	32	170	32	32	3.0	18	●	○	M.MN300		
ZQS2525R/L-4018M-K						4.0	18	●	○	M.MN400		
ZQS2525R/L-5023M-K						5.0	23	●	○	M.MN500		
ZQS3232R/L-2015P-K						2.5	16.5	●	○	MGMN250		
ZQS3232R/L-3018P-K	32	32	170	32	32	3.0	18	●	○	M.MN300		
ZQS3232R/L-4018P-K						4.0	18	●	○	M.MN400		
ZQS3232R/L-5023P-K						5.0	23	●	○	M.MN500		

切槽（断）刀系列

ZER/L□



型号 Type	基本尺寸 Basic size						库存 Stock				
	d	L	f	l	A	Dmim	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
C25S-ZER/L20	25	250	20.3	45	2.0	φ 33	○	○	WGE20	M5X14	S4.0
C32T-ZER/L20	32	300	25.3	65		φ 42	○	○		M6X16	
C20R-ZER/L25	20	200	15.2	45	2.5	φ 27	○	○	ZFD025	M6X16	
C25S-ZER/L25	25	250	20.3	45		φ 33	○	○		ZTFD03	M5X14
C20R-ZFR/L30	20	200	15.2	45	3.0	φ 27	○	○	M6X16		
C25S-ZFR/L30	25	250	20.3	45		φ 33	○	○	M6X20		
C32T-ZFR/L30	32	300	25.3	65	4.0	φ 42	○	○	ZTGD04	M6X16	
C25S-ZGR/L40	25	250	21.5	45		φ 35	○	○			

切断和车削



型号 Type	基本尺寸 Basic size		推荐品牌									
	S	R	P			M			K			
			YBM252	YBG302	YBC251	YBM252	YBG302	YD201	YBM252	YBG302	YD201	YBG102
ZTED02503-MG	2.5	0.3	○	●	○	○	●	○	○	●	○	○
ZTFD0303-MG	3.0	0.3	○	●	○	○	●	○	○	●	○	○
ZTGD0404-MG	4.0	0.4	○	●	○	○	●	○	○	●	○	○
ZTHD0504-MG	5.0	0.4	○	●	○	○	●	○	○	●	○	○
ZTKD0608-MG	6.0	0.4	○	●	○	○	●	○	○	●	○	○

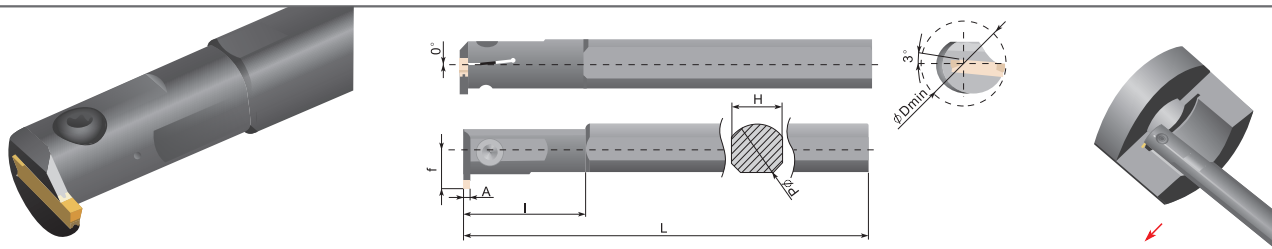
仿形车削



型号 Type	基本尺寸 Basic size		推荐品牌									
	S	R	P			M			K			
			YBM252	YBG302	YBC251	YBM252	YBG302	YD201	YBM252	YBG302	YD201	YBG102
ZRED025-MG	2.5	1.25	○	●	○	○	●	○	○	●	○	○
ZRFD03-MG	3.0	1.5	○	●	○	○	●	○	○	●	○	○
ZRGD04-MG	4.0	2.0	○	●	○	○	●	○	○	●	○	○
ZRHD05-MG	5.0	2.5	○	●	○	○	●	○	○	●	○	○
ZRKD06-MG	6.0	3.0	○	●	○	○	●	○	○	●	○	○

切槽（断）刀系列

ZER/L□-K



型号 Type	基本尺寸 Basic size						库存 Stock		适用刀片 Insert	螺钉 Screw	扳手 Wrench
	d	L	f	l	A	Dmim	R	L			
C16M-ZER/L20-K	16	150	12.4	35	2.0	φ 20	●	○	MGMN200	M4X10	S3.0
C20Q-ZER/L20-K	20	180	14	45		φ 25	●	○		M5X14	
C25R-ZER/L20-K	25	200	17.2	45	2.5	φ 29	●	○	MGMN250	M6X16	S4.0
C16M-ZER/L25-K	16	150	12.5	35		φ 22	●	○		M4X10	
C20Q-ZER/L25-K	20	180	15.1	45	3.0	φ 25	●	○	M.MN300	M5X14	S3.0
C25R-ZER/L25-K	25	200	18.2	45		φ 29	●	○		M6X16	
C16M-ZER/L30-K	16	150	12.5	35	3.0	φ 22	●	○	M.MN300	M4X10	S3.0
C20Q-ZER/L30-K	20	180	15.6	45		φ 25	●	○		M5X14	
C25R-ZER/L30-K	25	200	18.9	45	4.0	φ 31	●	○	M.MN400	M6X16	S4.0
C32S-ZER/L30-K	32	250	21.5	65		φ 37	●	○		M6X20	
C40T-ZER/L30-K	40	300	27.2	70	4.0	φ 47	●	○	M.MN400	M5X14	S3.0
C20Q-ZGR/L40-K	20	180	15.6	45		φ 25	●	○		M6X16	
C25R-ZGR/L40-K	25	200	18.9	45	5.0	φ 31	●	○	M.MN500	M6X16	S4.0
C32S-ZGR/L40-K	32	250	21.5	65		φ 37	●	○		M6X20	
C40T-ZGR/L40-K	40	300	27.2	70	5.0	φ 47	●	○	M.MN500	M6X16	S4.0
C25R-ZGR/L50-K	25	200	19.4	45		φ 31	●	○		M6X20	
C32S-ZGR/L50-K	32	250	21.5	65		φ 37	●	○		M6X20	

切槽刀片



适用刀杆	型 号	ASA	涂层硬质合金					金属陶瓷			未涂层硬质合金				(mm)				
			NC3015	NC3020	NC330	PC230	PC215K	PC9030	CT10	CN20	CN30	ST30A	ST20	ST10	G10	W	r	L	t
ZQS-K ZE-K	MGMN200-G			●											2.0	0.2	16.0	1.6	3.5
	MGMN300-G														3.0	0.4	21.0	2.35	4.8
	MGMN400-G														4.0	0.4	21.0	3.3	4.8
	MGMN500-G														5.0	0.8	26.0	4.1	5.8
	MGMN600-G														6.0	0.8	26.0	5.0	5.5

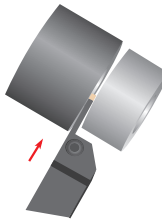
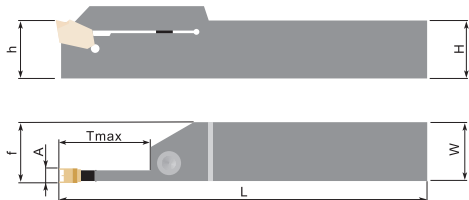
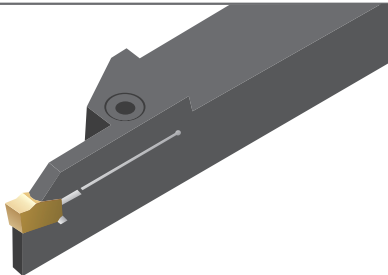
切槽，仿形加工刀片



适用刀杆	型 号	ASA	涂层硬质合金						金属陶瓷			未涂层硬质合金				(mm)				
			NC3015	NC3020	NC330	PC230	PC215K	PC9030	CT10	CN20	CN30	ST30A	ST20	ST10	G10	W	r	L	t	h
ZQS-K ZE-K	MRMN200-M														2.0	1.0	16.0	1.50	3.5	
	MRMN300-M			●	●	●									3.0	1.5	21.0	2.35	4.8	
	MRMN400-M			●	●										4.0	2.0	21.0	3.3	4.8	
	MRMN500-M			●	●	●									5.0	2.5	26.0	4.1	5.8	
	MRMN600-M			●	●										6.0	3.0	26.0	5.0	5.8	
	MRMN800-M			●	●										8.0	4.0	31.0	6.0	6.5	

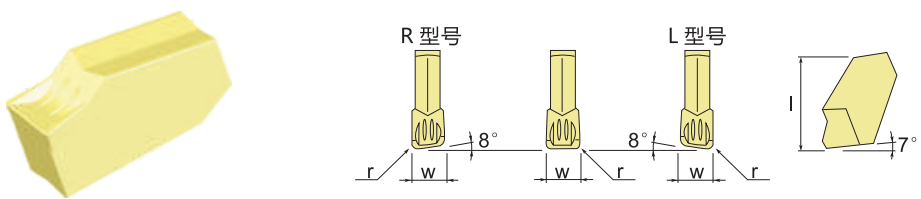
切槽（断）刀系列

ZQ□□R/L



型号 Type	基本尺寸 Basic size								库存 Stock			
	H	W	L	h	f	A	T	R	L			
ZQ1616R/L-03	16	16	100	16	16.3	3.125	15	●	○	SP300/ZQMX3N11-1E	M4X14	S3.0
ZQ1616R/L-04					16.4	4.125	15	●	○			
ZQ1616R/L-05					16.5	5.125	15	●	○			
ZQ2020R/L-03	20	20	125	20	20.3	3.125	15	●	○	SP300/ZQMX3N11-1E	M5X16	S4.0
ZQ2020R/L-04					20.4	4.125	15	●	○			
ZQ2020R/L-05					20.5	5.125	22	●	○			
ZQ2525R/L-03	25	25	150	25	25.3	3.125	22	●	○	SP300/ZQMX3N11-1E	M5X20	S5.0
ZQ2525R/L-04					25.4	4.125	22	●	○			
ZQ2525R/L-05					25.5	5.125	25	●	○			
ZQ2525R/L-06	32	32	170	32	25.6	6.125	26	●	○	SP500/ZQMX6N11-1E	M6x20	S4.0
ZQ3232R/L-03					32.3	3.125	15	●	○			
ZQ3232R/L-04					32.4	4.125	15	●	○			
ZQ3232R/L-05					32.5	5.125	22	●	○	SP500/ZQMX5N11-1E		

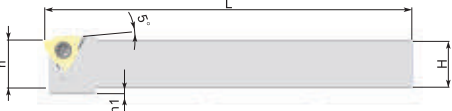
切断加工刀片



适用刀杆	型 号	ASA	涂层硬质合金							金属陶瓷	未涂层硬质合金				(mm)		
			NC3020	NC330	NCM325	PC130	PC230	PC9030	CN20	Cn30	ST30A	ST20	ST10	G10	W	L	R
ZQ	SP200				●	●									2.2	9.3	0.2
	SP200R				●										2.0	9.3	
	SP200L														2.2	9.3	0.2
	SP300		●	●	●		●								3.1	11.3	0.2
	SP300R			●											3.1	11.3	0.2
	SP300L			●											3.1	11.3	0.2
	SP300H			●											3.1	11.4	0.2
	SP400		●	●	●		●								4.1	11.3	0.25
	SP400R			●											4.1	11.3	0.25
	SP400L			●											4.1	11.3	0.25
	SP400H			●											4.1	11.4	0.25
	SP500			●											5.1	11.4	0.3
	SP500R														5.1	11.4	0.3
	SP500L														5.1	11.4	0.3
	SP600			●											6.4	11.4	0.35
	SP600R														6.4	11.4	0.35
	SP600L														6.4	11.4	0.35

切槽（断）刀系列

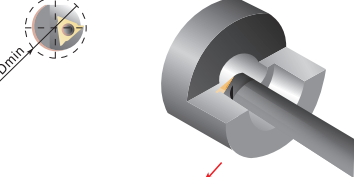
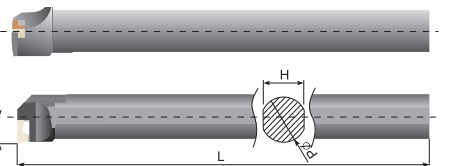
GRE.R/L



型号 Type	基本尺寸 Basic size						库存 Stock				
	H	W	L	h	f	h1	R	L			
GRE.R/L.1212HTC16	12	12	100	12	12	2	●	○	TC16T3R/L...	M4X8	T15
GRE.R/L.1616HTC16	16	16	100	16	16	2	●	○		M4X10	
GRE.R/L.2020K TC16	20	20	125	20	20	2	●	○			

型号 Type	基本尺寸 Basic size						库存 Stock				
	H	W	L	h	f	h1	R	L			
GRE.R/L1212H16A	12	12	100	12	12	2	○	○	TGF32R/L...	M4x8	T15
GRE.R/L1616H16A	16	16	100	16	16	2	●	○		M4X10	
GRE.R/L2020K16A	20	20	125	20	20	0	●	○			

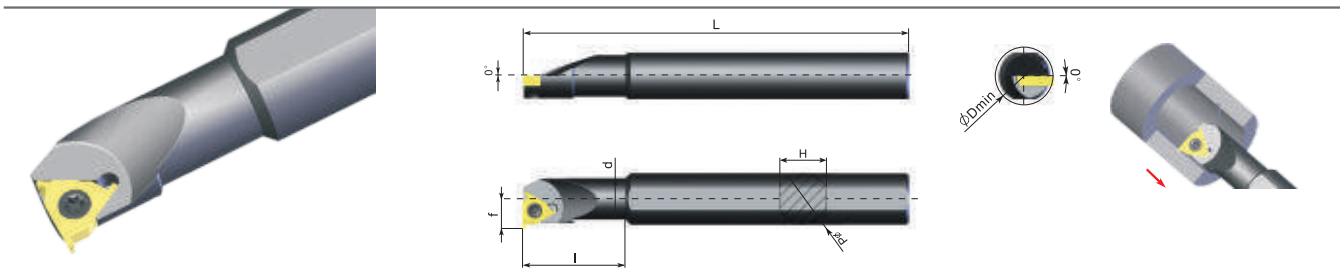
GRI.R/L



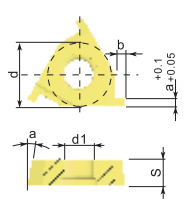
型号 Type	基本尺寸 Basic size						库存 Stock				
	d	H	L	f	Dmin		R	L			
GRI.R/LS20RTC16	20	18	150	13	φ25		●	○	TC16T3R/L...	M4X10	T15
GRI.R/LS25STC16	25	23	180	17	φ32		●	○			
GRI.R/LS20RTC16-A	20	18	200	13	φ25		●	○	TGF32	M4x8	
GRI.R/LS25RTC16-A	25	23	250	17	φ32		●	○			

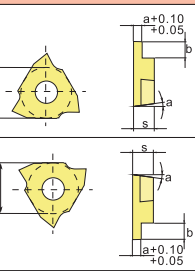
切槽（断）刀系列

GRV.R/L



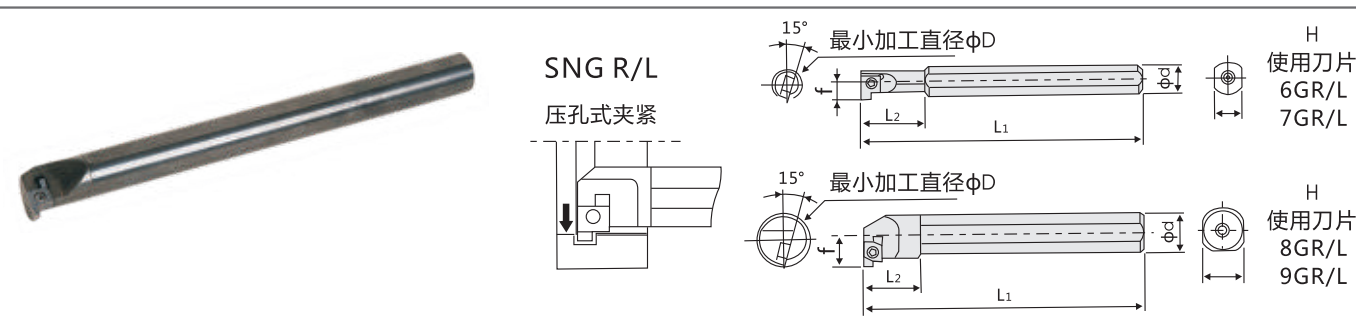
型号 Type	基本尺寸 Basic size							库存 Stock				
	L	I	D	H	d	f	Dmin	R	L			
GRV.R/LS20R.13TC11	180	25	20	18	10	7.3	φ13	●	○	TC1102R/L...-V	M2.5X6	T8
GRV.R/LS20R.16TC11	180	32	20	18	13	8.9	φ16	●	○			
GRV.R/LS20R.20TC16	180	40	20	18	16	11.5	φ20	●	○	TC16T3R/L...-V	M4X8	T15

图片 Image	图例 Legend	型号 Type	a	b	d	d1	s	a
		TC1102R/L110-V	1.10	0.7	6.35	2.8	2.8	7°
		TC16T3R/L110-V	1.10	1.3	9.525	4.4	3.97	7°
		TC16T3R/L130-V	1.30	1.6	9.525	4.4	3.97	7°
		TC16T3R/L160-V	1.60	1.85	9.525	4.4	3.97	7°
		TC16T3R/L185-V	1.85	1.85	9.525	4.4	3.97	7°
		TC16T3R/L215-V	2.15	1.85	9.525	4.4	3.97	7°

图片 Image	图例 Legend	型号 Type	a	b	d	d1	s	a
		TC16T3L110	1.10	0.9	9.525	4.4	3.97	7°
		TC16T3L130	1.30	1.3				
		TC16T3L160	1.60	1.4				
		TC16T3L185	1.85	1.7				
		TC16T3L215	2.15	2.0				
		TC16T3L265	2.65	2.2				
		TC16T3R110	1.10	0.9	9.525	4.4	3.97	7°
		TC16T3R130	1.30	1.3				
		TC16T3R160	1.60	1.4				
		TC16T3R185	1.85	1.7				
		TC16T3R215	2.15	2.0				
		TC16T3R265	2.65	2.2				

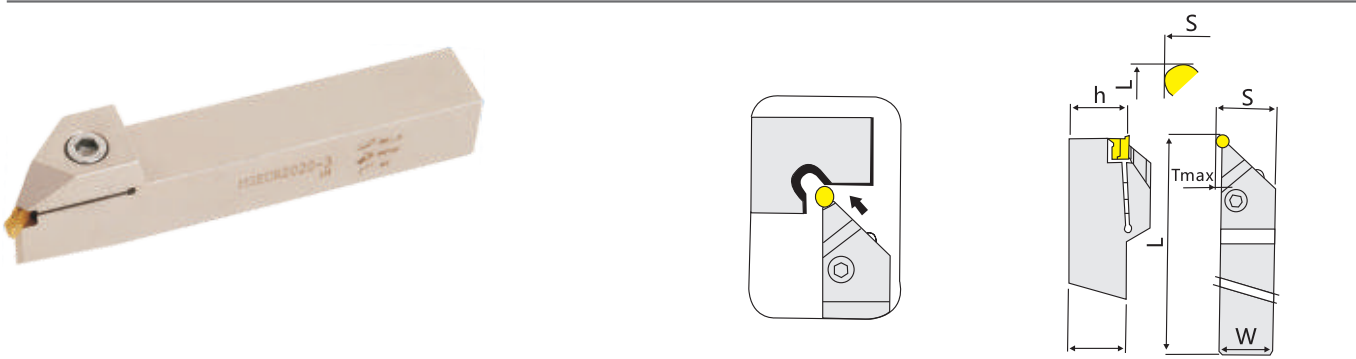
切槽（断）刀系列

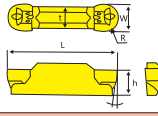
SNG 型切刀



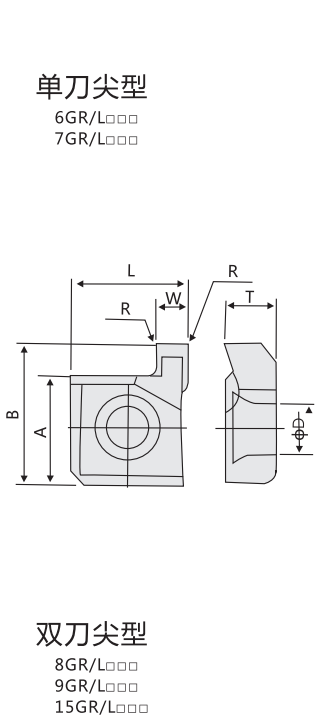
最小加工 直径 φD	最大 槽宽 (mm)	最大 槽宽 (mm)	刀杆	型号	库存		使用刀片	尺寸 (mm)					零件	
					R	L		φd	f	L1	L2	H	紧固螺钉	扳手
8	2	1.5	钢	SNGR/L08H06	●	●	6GR/L□□□	8	4.7	100	4.7	7	CSTB-2L040	T-6F
10				SNGR/L08H07	●	●	7GR/L□□□		5.8		5.8		CSTB-2.2S	T-7F
12				SNGR/L10H07	●	●	8GR/L□□□	10	6.8	18	9	CSTB-2.2		
14	SNGR/L10H08	●		●	7.6	23			11					
16	3.5	2		SNGR/L12H08	●	●	12	8.6		150	29	CSTB-2.5L080	T-8F	
20				SNGR/L16Q09	●	●	16	11.6	180	15	15			
24	3.5	3		SNGR/L20R09	●	●	20	13.6	200	18	18			

MGEUR/L

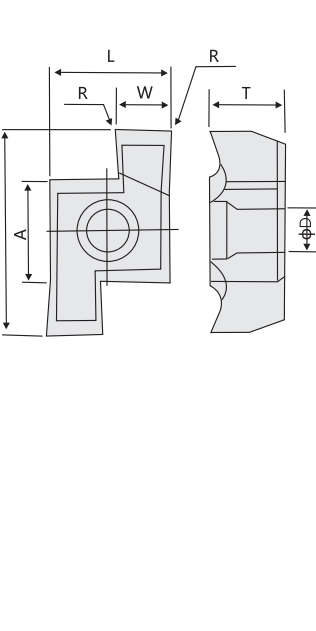


型号	基本尺寸					库存			螺钉	扳手
	H(h)	W	L	S	Tmax	R	L	通用刀片		
MGEUR/L2020-3	20	20	125	23	3	●	○	MRMN300-M	M6x20	S5.0
MGEUR/L2525-3	25	25	150	28	3	●	○			
MGEUR/L2020-4	20	20	125	23	3	●	○	MRMN400-M		
MGEUR/L2525-4	25	25	150	28	3	●	○			
MGEUR/L2020-5	20	20	125	24	4	●	○	MRMN500-M		
MGEUR/L2525-5	25	25	150	29	4	○	○			
MGEUR/L3232-5	32	32	170	36	4	○	○	MRMN600-M		
MGEUR/L2020-6	20	20	125	24	4	○	○			
MGEUR/L2525-6	25	25	150	29	4	○	○			
MGEUR/L3232-6	32	32	170	36	4	○	○			

切槽（断）刀系列



通用刀片																
最大槽深 (mm)	槽宽 W±0.025 (mm)	型号	材质								尺寸 (mm)					
			金属陶瓷				硬质合金				A	B	S	φD	L	R
			NS530		L		TH10		UX30							
			R	L	R	L	R	L	R	L						
1.5	1	6GR/L100	●				●		●	●		4.76	6.44	2.34	2.3	5.56
	1.5	6GR/L150	●	●			●	●	●	●						
	2	6GR/L200	●				●	●	●	●						
	1	7GR/L100	●				●		●		5.56	7.36	3.08	2.58		
	1.5	7GR/L150	●	●			●		●							
	2	7GR/L200	●				●	●	●	●						
2	1	8GR/L100		●								5.56	10.16	3.87	2.58	6.15
	1.5	8GR/L150	●	●			●		●							
	2	8GR/L200	●				●	●	●							
	2.5	8GR/L250	●	●			●	●	●	●						
	3	8GR/L300	●	●			●	●	●	●						
	3.5	8GR/L350	●				●		●							
1.5	1	9GR/L100		●							6.35	12.95	4.66	2.86	7.74	0.2
2	1.5	9GR/L150	●	●			●		●	●						
3	2	9GR/L200	●	●			●	●	●	●						
	2.5	9GR/L250	●				●		●	●						
	3	9GR/L300	●	●			●	●	●	●						
	3.5	9GR/L350	●				●		●	●						
1.5	1	15GR/L100									15GR/L150					
2	1.5	15GR/L150														
3	2	15GR/L200	●				●		●							
	2.5	15GR/L250	●				●		●							
	3	15GR/L300	●	●			●	●	●	●						
	3.5	15GR/L350	●				●		●		9.2	20.8	5.1	4.8	10.8	
4	4	15GR/L400	●	●			●	●	●							
	4.5	15GR/L450	●	●			●	●	●							
5	5	15GR/L500	●				●		●							



锁紧环用刀片（特殊订货）															
最大槽深 (mm)	槽宽 W ±0.10 ±0.05 (mm)	型号	材质								尺寸 (mm)				
			金属陶瓷				硬质合金				A	S	φD	L	R
			NS530		TH10		UX30								
			R	L	R	L	R	L	R	L					
1.5	1.15	6GR/L115									4.76	2.34	2.3	5.56	0.1
	1.35	6GR/L135													
	1.15	7GR/L115													
	1.35	7GR/L135									5.56	3.08	2.58	5.56	
	1.75	7GR/L175													
	1.35	8GR/L135													
	1.75	8GR/L175									5.56	3.87	2.58	6.15	
2	1.95	8GR/L195													
1.5	1.75	9GR/L175													
2	1.95	9GR/L195									6.35	4.66	2.86	7.74	
	2.2	9GR/L220													
2.5	2.7	9GR/L270													
1.5	1.75	15GR/L175									9.2	5.1	4.8	10.8	
2	1.95	15GR/L195													
	2.2	15GR/L220													
2.5	2.7	15GR/L270													
3	3.2	15GR/L320													
3.5	4.2	15GR/L420													

※锁紧环用刀片的全部型号都是根据订货生产。
(注) 右 (□NGR-) 刀体用右 (□GR-) 刀片, 左 (□NGL-) 刀体用左 (□GL-) 刀片。

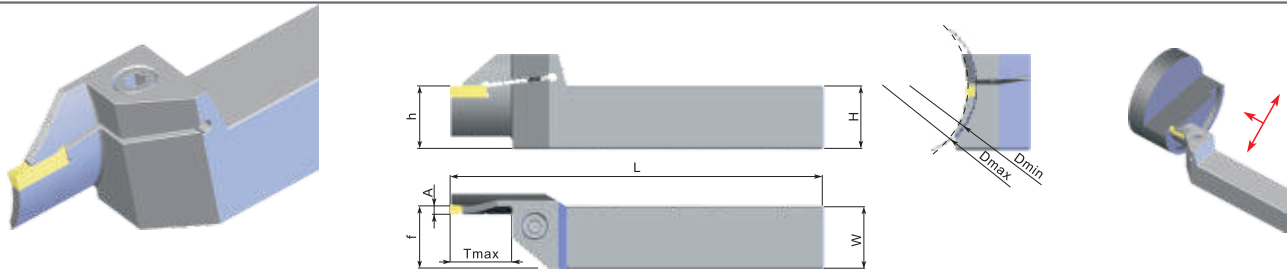
标准切削条件

被加工材料	切消速度Vc (m/min)	进给量f (mm/rev)
中碳钢 (S45C)	40-150	0.05-0.15
铸铁·轻合金	60-200	0.05-0.15

- (注) ● 请使用左表切削条件作为选定条列
- 由于最小加直径附近及刀具悬伸量大时的加工条件不同, 请使用左表所列切削参数的1/2。
 - 为了帮助切削的排出, 切削时请使用水溶性切削液, 以便使切削液充分冷却刀尖。
 - 万一遇到不能使用切削液时, 其切削条件和进给量应为左表所列参数的1/2以下。

切槽（断）刀系列

ZFL□R/L



型号 Type	基本尺寸 Basic size								库存 Stock				
	H	W	L	h	f	A	T	Dmin-Dmax	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
ZFL2020K-3015K-20	20	20	125	20	20	3.0	15	φ 20-φ 30	○	●	FMM300R	M6X20	S5.0
ZFL2020K-3015K-24								φ 24-φ 36	○	●			
ZFL2020K-3015K-30								φ 30-φ 44	○	●			
ZFL2020K-3015K-38								φ 38-φ 56	○	●			
ZFL2020K-3020K-50	20	20	125	20	20		20	φ 50-φ 72	○	●	FGM300R		
ZFL2020K-3020K-66								φ 66-φ 110	○	●			
ZFL2020K-3020K-100								φ 100-φ 200	○	●			
ZFL2020K-3020K-180								φ 180-φ 800	○	○			
ZFL2525M-3015K-20	25	25	150	25	25	15	φ 20-φ 30	○	●	FMM300R	M6X25		
ZFL2525M-3015K-24							φ 24-φ 36	○	●				
ZFL2525M-3015K-30							φ 30-φ 44	○	●				
ZFL2525M-3015K-38							φ 38-φ 56	○	●				
ZFL2525M-3020K-50	25	25	150	25	25	20	φ 50-φ 72	○	●	FGM300R			
ZFL2525M-3020K-66							φ 66-φ 110	○	●				
ZFL2525M-3020K-100							φ 100-φ 200	○	●				
ZFL2525M-3020K-180							φ 180-φ 800	○	○				
ZFL2020K-4020K-20	20	20	125	20	20	4.0	20	φ 20-φ 32	○	●	FMM400R	M6X20	
ZFL2020K-4020K-24								φ 24-φ 36	○	●			
ZFL2020K-4020K-28								φ 28-φ 44	○	●			
ZFL2020K-4020K-36								φ 36-φ 56	○	●			
ZFL2020K-4025K-48	20	20	125	20	20		25	φ 48-φ 74	○	●	FGM400R		
ZFL2020K-4025K-66								φ 66-φ 110	○	●			
ZFL2020K-4025K-100								φ 100-φ 200	○	●			
ZFL2020K-4025K-180								φ 180-φ 800	○	○			
ZFL2525M-4020K-20	25	25	150	25	25	20	φ 20-φ 32	○	●	FMM400R	M6X25		
ZFL2525M-4020K-24							φ 24-φ 36	○	●				
ZFL2525M-4020K-28							φ 28-φ 44	○	●				
ZFL2525M-4020K-36							φ 36-φ 56	○	●				
ZFL2525M-4025K-48	25	25	150	25	25	25	φ 48-φ 74	○	●	FGM400R			
ZFL2525M-4025K-66							φ 66-φ 110	○	●				
ZFL2525M-4025K-100							φ 100-φ 200	○	●				
ZFL2525M-4025K-180							φ 180-φ 800	○	○				

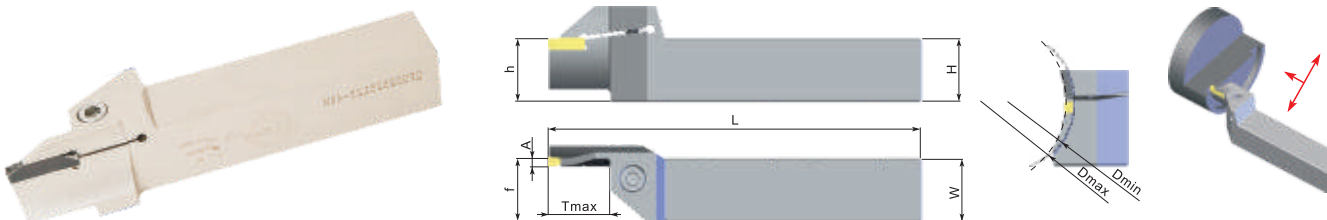
FGD/FGM



适用刀杆	型 号	ASA	涂层 硬质合金				金属陶瓷		硬质合金						(mm)			
			NC330	NC130	PC215K	PC230	CN20	CN30	A30	ST20E	ST10P	G10E			b	r	t	l
ZFL	FGD 300R-03			●	●										3.0	0.3	4.0	15
	FGD 400R-04			●	●										4.0	0.4	4.5	
	FGM 300R-03			●	●										3.0	0.3	4.0	15
	FGM 400R-04			●	●										4.0	0.4	4.5	

切槽（断）刀系列

QFFD□L/QFGD□L/MGFHL



型号 Type	基本尺寸 Basic size								库存 Stock				
	H	W	L	h	f	A	T	Dmin-Dmax	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
QFFD2020L20-50K-3	20	20	125	20	21	3.0	20	φ50-φ72	○	●	ZTFD0303	M6X20	S5.0
QFFD2020L20-66K-3								φ66-φ100	○	●			
QFFD2020L20-100K-3								φ100-φ200	○	●			
QFFD2020L20-180K-3								φ180-φ800	○	●			
QFFD2525L20-50M-3	25	25	150	25	26		20	φ50-φ72	○	●		M6X25	
QFFD2525L20-66M-3								φ66-φ110	○	●			
QFFD2525L20-100M-3								φ100-φ200	○	●			
QFFD2525L20-180M-3								φ180-φ800	○	○			
QFGD2020L25-48K-4	20	20	125	20	21	4.0	25	φ48-φ74	○	●	ZTGD0404	M6X20	
QFGD2020L25-66K-4								φ66-φ110	○	●			
QFGD2020L25-100K-4								φ100-φ200	○	●			
QFGD2020L25-180K-4								φ180-φ800	○	●			
QFGD2525L25-48M-4	25	25	150	25	26		25	φ48-φ74	○	●		M6X25	
QFGD2525L25-66M-4								φ66-φ110	○	●			
QFGD2525L25-100M-4								φ100-φ200	○	●			
QFGD2525L25-180M-4								φ180-φ800	○	●			

型号 Type	基本尺寸 Basic size								库存 Stock				
	H	W	L	h	f	A	T	Dmin-Dmax	R	L	适用刀片 Insert	螺钉 Screw	扳手 Wrench
MGFHL320-20/30-T12	20	20	125	20	21	3.0	12	φ20-φ30	○	●	MGMN300-G	M6X20	S5.0
MGFHL320-24/36-T12								φ24-φ36	○	●			
MGFHL320-30/44-T12								φ30-φ44	○	●			
MGFHL320-38/56-T12								φ38-φ56	○	●			
MGFHL320-50/72-T15							15	φ50-φ72	○	●			
MGFHL320-66/110-T15								φ66-φ110	○	●			
MGFHL320-100/200-T15								φ100-φ200	○	●			
MGFHL320-180/800-T15								φ180-φ800	○	○			
MGFHL420-20/32-T12						4.0	12	φ20-φ32	○	●	MGMN400-G		
MGFHL420-24/36-T12								φ24-φ36	○	●			
MGFHL420-28/44-T12								φ28-φ44	○	●			
MGFHL420-36/56-T12								φ36-φ56	○	●			
MGFHL420-48/74-T15							15	φ48-φ74	○	●			
MGFHL420-66/110-T15								φ66-φ110	○	●			
MGFHL420-100/200-T15								φ100-φ200	○	●			
MGFHL420-180/800-T15								φ180-φ800	○	●			
MGFHL325-20/30-T12	25	25	150	25	26	3.0	12	φ20-φ30	○	●	MGMN300-G	M6X25	
MGFHL325-24/36-T12								φ24-φ36	○	●			
MGFHL325-30/44-T12								φ30-φ44	○	●			
MGFHL325-38/56-T12								φ38-φ56	○	●			
MGFHL325-50/72-T15							15	φ50-φ72	○	●			
MGFHL325-66/110-T15								φ66-φ110	○	●			
MGFHL325-100/200-T15								φ100-φ200	○	●			
MGFHL325-180/800-T15								φ180-φ800	○	●			
MGFHL425-20/32-T12						4.0	12	φ20-φ32	○	○	MGMN300-G		
MGFHL425-24/36-T12								φ24-φ36	○	●			
MGFHL425-28/44-T12								φ28-φ44	○	●			
MGFHL425-36/56-T12								φ36-φ56	○	●			
MGFHL425-48/74-T15							15	φ48-φ74	○	●			
MGFHL425-66/110-T15								φ66-φ110	○	●			
MGFHL425-100/200-T15								φ100-φ200	○	●			
MGFHL425-180/800-T15								φ180-φ800	○	●			

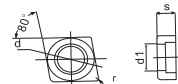
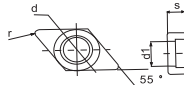
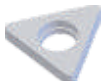
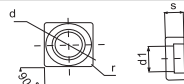
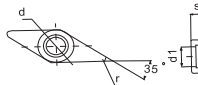
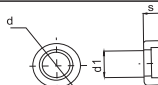
配件

切槽刀片



型号 Type	基本尺寸 Basic size		推荐品牌									
			P			M			K			
	S	R	YBM252	YBG302	YBC251	YBM252	YBG302	YD201	YBM252	YBG302	YD201	YBG102
ZTFD0303-MG	3.0	0.3	○	●	○	○	●	○	○	●	○	○
ZTGD0404-MG	4.0	0.4	○	●	○	○	●	○	○	●	○	○
ZTHD0504-MG	5.0	0.4	○	●	○	○	●	○	○	●	○	○

图片	图例	型 号	尺 寸					
			d	d1	d2	L	L1	B
	销钉	ML513	3.7	M5-6h	5.5	13	3.5	S2
		ML34L	3.7	M5-6h	5.5	15	5.0	S2
		ML617	5.0	M6-6h	7.0	17	5.2	S3
		ML46L	5.0	M6-6h	7.0	21	6.9	S3
		TM822	6.2	M8-6h	9.5	22	6.8	S4
		TM1022	7.8	M10-6h	10.85	22	6.8	S4
	压板	型 号	尺 寸					
			D	d	L	H	B	
		MC515	7.8	m5-6h	15	11.5	4	
		MC620	9.5	m6-6h	18.6	13.8	5	
		MC622	9.5	m6-6h	22.6	13.8	5	
		MC2217	12.5	m8-6h	22	17	6	
	双头螺钉	型 号	尺 寸					
			d	L	L1	B		
		MS520	M5-6H	20	7	S2		
		MS620	M6-6H	20	8	S3		
		MS625	M6-6H	25	9	S3		
		MS830	M8-6H	30	13	S4		

图片	图例	型 号	尺 寸				
			d	d1	s	r	
		MC1204	12.50	7.3	4.76	1.0	
		MC1604	15.50	9.8	4.76	1.5	
		MC1904	18.50	11.2	4.76	1.5	
		MD1103	9.3	5.7	3.18	1.0	
		MD1504	12.50	7.3	4.76	1.0	
		MD1506	12.50	7.3	6.35	1.0	
		MT1603	9.3	5.7	3.18	0.8	
		MT2204	12.50	7.3	4.76	1.0	
		MT2704	12.50	9.8	4.76	1.5	
		MS0903	9.3	5.7	3.18	1.0	
		MS1204	12.50	7.3	4.76	1.0	
		MS1504	12.50	9.8	4.76	1.5	
		MS1904	18.50	11.2	4.76	1.5	
		MV1603	9.3	5.7	3.18	0.8	
		MW0603	9.3	5.7	3.18	1.0	
		MW0804	12.50	7.3	4.76	1.2	
		MR0903	9.3	5.7	3.18	-	
		MR1204	12.50	7.3	4.76		
		ST16	9.3	4.0	3.18	1.5	
		ST22	12.50	4.5	3.18	2.5	

问题及解决方法

问题：	导致的后果:	可能的原因：	解决的方案：
后刀面磨损，沟槽磨损	后刀面迅速磨损导致加工表面粗糙或超差。沟槽速磨导致表面组织办差和崩刃。	切削速度过高进给不匹配 刀片牌号不正确加工硬化材料	选择更耐磨的刀片 调整进给量和切深（加大进给量） 选择正确刀片牌号降低切削速度
切消刃出现细小缺口	切削刃出现细小缺口导致加工表面粗糙。	刀片过脆振动进给过大或切深过大断续切削切屑损坏	选择刃性更好的刀片 刃口带负倒棱刀片 使用带断屑槽的刀片 增加系统刚性
前刀面磨损（月牙洼磨损）	月牙洼磨损会削弱刃口强度在刀刃后缘破裂导致加工表面粗糙。	切削温度或进给过大刀片前角偏小刀片不耐磨冷却不够充分	降低切削速度或进给 选择正前角槽形刀片 选择更耐磨的刀片 增加冷却或加大冷却液流量
塑性变形	周刀凹陷或侧面凹陷引起切削控制办差或加工表面粗糙，过度的侧面磨损导致刀片崩刃。	切温速度过高且压力过大基体软化刀片涂层被破坏	降低切削速度 选择更耐摸的刀片 增加冷却
积屑瘤	积屑瘤导致加工表面粗糙，当它脱落时刃口会破损。	切削速度过低刀片前角偏小缺少冷却或润滑刀片牌号不正确	提高切削速度 加大刀片其前角 增加冷却 选择正确的刀片牌号
崩刃	崩刃损坏刀片和工作	切削力过大切削不够稳定 刀尖强度差错误的断屑槽型	降低进给和切深 选择刃性更好的刀片 选择刃尖角大的刀片 选择正确的断屑槽型
热裂	垂直于刃口的热裂裂纹会引起刀刃崩碎和加工表面粗糙。	断续切引起温度变化过大冷却液的供给量变化	增加冷却液供给量或使冷却液位置更准确
部分崩落。陶瓷刀片		压力过大	减小进给 选择强度较好的牌号 选择小倒棱刀片

◆两种进一步提高螺纹切削质量的方法：

1、递减方式-每次进给量逐步减小

根据螺纹牙形深度，从相对大的初始值0.2-0.35mm，致较小的0.09-0.02mm逐渐减小，在直到最后完成（见下页推荐值）
最后一次没有进给是修光空走刀，是为消除加工过程中的反弹这种走刀方式在现代CNC机床上普遍使用

可以采用如下公式计算：

$$\Delta ap^x = \frac{ap}{\sqrt[n]{nap-1}} \times \sqrt[k]{k}$$

Δap^x 径向进力量

x 第x次走刀 k 第一次走刀=0.3

ap 螺纹全深 第二次走刀=1

nap 走刀数 第三次走刀=x-1

例如：

车削外螺纹—螺距：1.5mm ap: 0.94mm map:6次
按上式计算可知：

第一次走刀，进给量 $\Delta ap1=0.23mm$

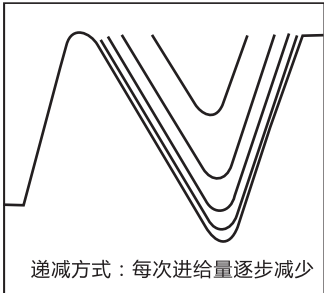
第二次走刀，进给量 $\Delta ap2- \Delta ap1=0.19$

第三次走刀，进给量 $\Delta ap3- \Delta ap2=0.17$

第四次走刀，进给量 $\Delta ap4- \Delta ap3=0.14$

第五次走刀，进给量 $\Delta ap5- \Delta ap4=0.11$

第六次走刀，进给量 $\Delta ap6- \Delta ap5=0.10$



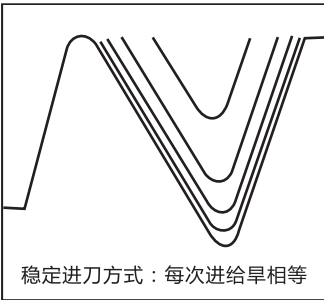
2、稳定进刀方式-每次进给量相等

可得到良好的切削控制何较高的刀具寿命，这种方法使用于新机床。在螺纹加工中先固定一个参数，切屑厚度固定了，然后优化切屑形式，一般初始值大约0.18-0.12mm,实际值应当根据最后一次走刀的进刀量确定（至少是0.08mm）

例如：

ISO公制外螺纹：螺距2.0mm

总的进刀量=1.28-0.08=10次走刀+（0.08）=0.12mm进给量/走刀



◆影响镗杆选择的因素

在为振动敏感的工序选择镗刀时应考虑的因素

选择接近90°的主偏角，但不小于75°
使径向力最小

选择小的刀尖半径

选择正前角刀片

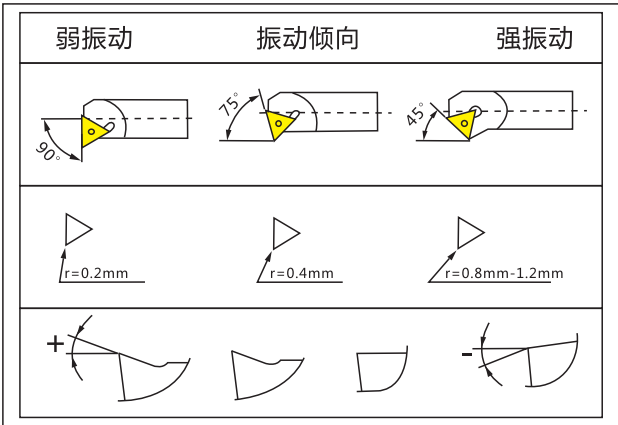
注意：避免使用后刀面过度磨损的刀片！

通常的刀半径如图示，从圆角到35度

□图列左向刀尖角越大，刀尖强度越好。右向刀尖

越小，刀尖强度越弱，通用性越高

□图列右向刀尖强度越弱，但加工时振动倾向减小，
所需功率减小。



刀尖半径和进给

刀尖半径主要影响以下几个方面：

一粗加工中的刀刃强度

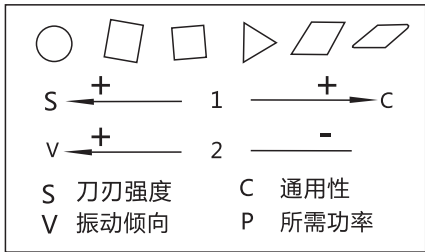
一粗加工中的表面精度

粗加工

为提高刀刃的强度，尽可能选择大刀尖半径

大刀尖半径可允许较大进给

如有振动倾向，选择较小刀尖半径



当为粗车选择进给量时，不要超过下表推荐值

作为经验法则，进给量可如下选择：

fn=0.5x刀尖半径

刀尖半径rmm	0.4	0.8	1.2	1.6	2.4
最大推荐进给	0.25-0.35	0.4-0.7	0.5-1.0	0.7-1.3	1.0-1.8

粗加工时，常用刀片的刀尖半径是1.2-1.6mm上表中，最大推荐进给量是刀尖半径的2/3

大进给量用于以下刀片：

刀刃强度高且至少60°刀尖角

刀具主偏角小于90°

被加工材料有良好的加工性，中底等切削速度

◆精加工

表面粗糙度和公差不公受刀尖半径和进给量的影响，而且受工件装夹稳定性，夹具和机床的整体条件影响。通过提高切削度和采用非负前角来改善表面粗糙度，有振动倾向，选择较小的刀尖半径

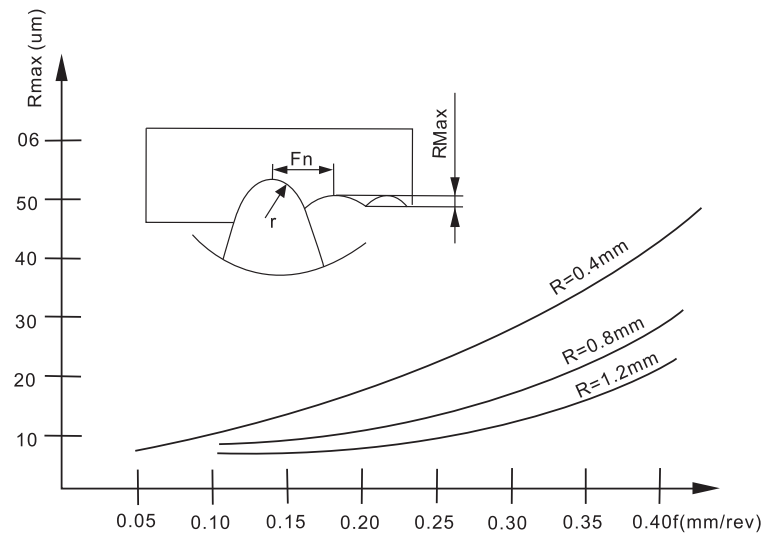
表面粗糙度的理论值RMAX的计算公式

$$R_{\max} = \frac{f n^2}{8r} \times 1000 \mu\text{m}$$

$R_{\max}$ =残留面积高度， μm

r =刀尖半径， mm

$f n$ 每转进给， mm/rev



表面粗糙度与刀尖半径，进给量的关系表

Rt	Ra	Iso1302	刀尖半径及进给量 (mm/rev)			
			r=0.4	R=0.8	R=1.2	R=1.6
✓Rt100	12.5-25	25	—	0.51	0.69	0.88
✓Rt63	6.3-25	12.5	0.27	0.43	0.56	0.68
✓Rt40	4.9-6.3	6.3	0.25	0.37	0.49	0.57
✓Rt31.5	4.0-4.9		0.22	0.32	0.41	0.47
✓Rt25	2.5-4.0	3.2	0.20	0.28	0.36	0.39
✓Rt16	1.6-2.5		0.15	0.22	0.29	0.31
✓Rt10	1.0-1.6	1.6	0.10	0.13	0.18	0.20

◆螺纹车削问题及解决方法：

问题	可能原因	解决方案
振动	工件装夹不正确 刀具安装不正确 切削参数不正确 刀具中心高不正确	选择较软的夹头，减少刀具悬伸 检查刀具是否压紧 提高线速度，如果不行则大大降低线速度 使用连续恒定进给量0.1-0.16 采用正确的中心高
刃边压力过大	加工硬化倾向的材料 时切深太浅 切削刃压力过大 螺纹牙形角太小	减少进刀次数 选用更硬牌号 选用倾向进刀方式加工
螺纹表面质量差	切削速度过低 刀片在中心线以上 切削控制较差	提高切削速度 采用正确的中心高 选用倾向进刀方式加工
螺纹牙形过平	错误的中心高 刀片破坏 刀片没有加工至螺纹顶	采用正确的中心高 更换切削刃 检查刀片及工件毛坯尺寸

◆螺纹车削走刀次数及径向进给量推荐值

表中所给走刀量分配仅参考，是在好的加工条件下加工等强度的钢材时间得出的：加工材料强度较大时，径向走刀次数要增加，重要的是减少第一刀螺纹的切削深度。

外螺纹加工：ISO米制螺纹

径向进给次数	螺距(mm)												
	0.5	0.75	1.0	1.25	1.5	1.75	2.0	2.5	3.0	3.5	4.0	4.5	5.0
14											0.07	0.07	0.08
13											0.07	0.10	0.10
12									0.06	0.07	0.08	0.10	0.10
11									0.06	0.07	0.10	0.10	0.15
10								0.06	0.07	0.08	0.10	0.10	0.15
9								0.06	0.10	0.10	0.10	0.15	0.20
8						0.06	0.06	0.07	0.10	0.15	0.15	0.20	0.20
7						0.06	0.07	0.10	0.10	0.20	0.20	0.20	0.25
6				0.06	0.06	0.10	0.10	0.10	0.15	0.20	0.20	0.20	0.25
5			0.06	0.10	0.10	0.10	0.15	0.15	0.15	0.20	0.20	0.25	0.25
4	0.03	0.05	0.10	0.10	0.12	0.10	0.15	0.20	0.20	0.25	0.25	0.30	0.30
3	0.06	0.10	0.15	0.12	0.20	0.20	0.20	0.25	0.25	0.25	0.30	0.35	0.35
2	0.10	0.15	0.17	0.20	0.25	0.25	0.25	0.30	0.30	0.30	0.35	0.35	0.40
1	0.15	0.20	0.20	0.25	0.25	0.25	0.30	0.30	0.35	0.35	0.35	0.40	0.40
	径向送给(mm)												

内螺纹加工：ISO米制螺纹

径向进给次数	螺距(mm)												
	0.5	0.75	1.0	1.25	1.5	1.75	2.0	2.5	3.0	3.5	4.0	4.5	5.0
14										0.06	0.06	0.06	0.06
13										0.06	0.06	0.07	0.09
12									0.06	0.07	0.07	0.07	0.10
11									0.06	0.10	0.10	0.10	0.15
10								0.06	0.07	0.10	0.10	0.10	0.15
9							0.06	0.06	0.10	0.10	0.10	0.15	0.20
8						0.06	0.06	0.08	0.15	0.15	0.15	0.20	0.20
7						0.07	0.10	0.10	0.15	0.20	0.20	0.20	0.25
6				0.06	0.06	0.07	0.10	0.10	0.15	0.20	0.20	0.20	0.25
5			0.06	0.07	0.06	0.08	0.10	0.15	0.20	0.20	0.20	0.25	0.25
4	0.03	0.05	0.07	0.10	0.15	0.10	0.15	0.20	0.25	0.20	0.20	0.25	0.25
3	0.06	0.08	0.15	0.15	0.15	0.20	0.20	0.20	0.25	0.25	0.25	0.30	0.30
2	0.08	0.15	0.15	0.15	0.25	0.25	0.25	0.25	0.30	0.30	0.30	0.35	0.35
1	0.15	0.20	0.20	0.25	0.25	0.25	0.30	0.30	0.35	0.35	0.35	0.40	0.40
	径向送给(mm)												