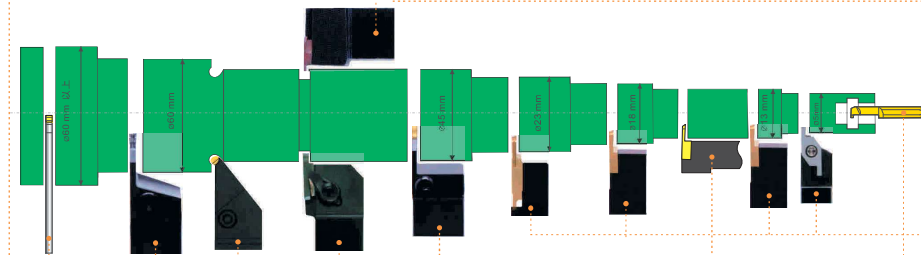
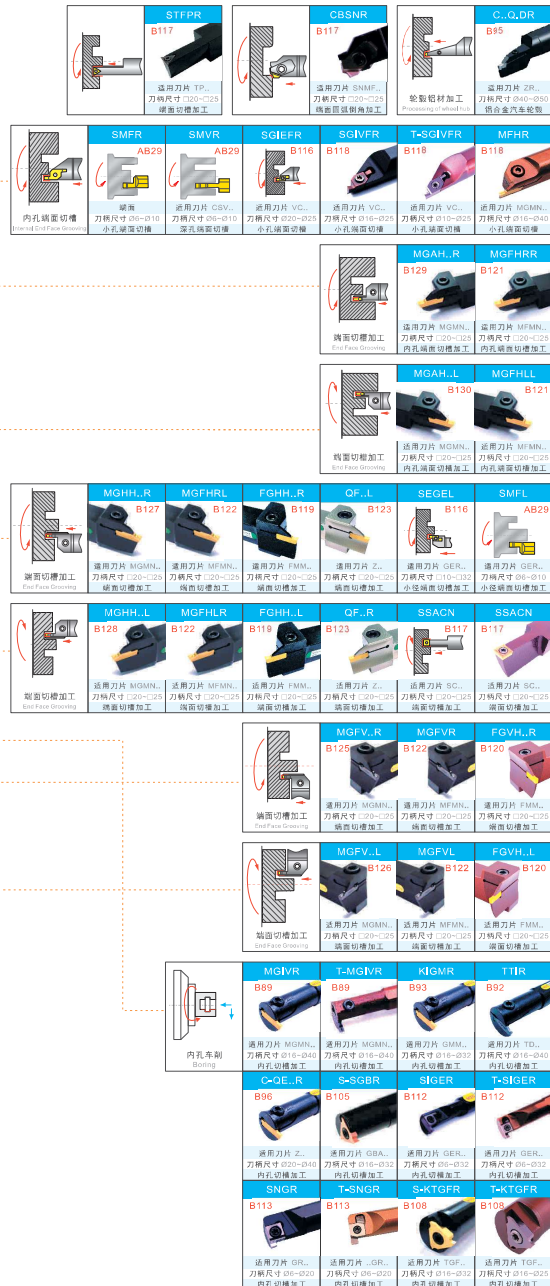
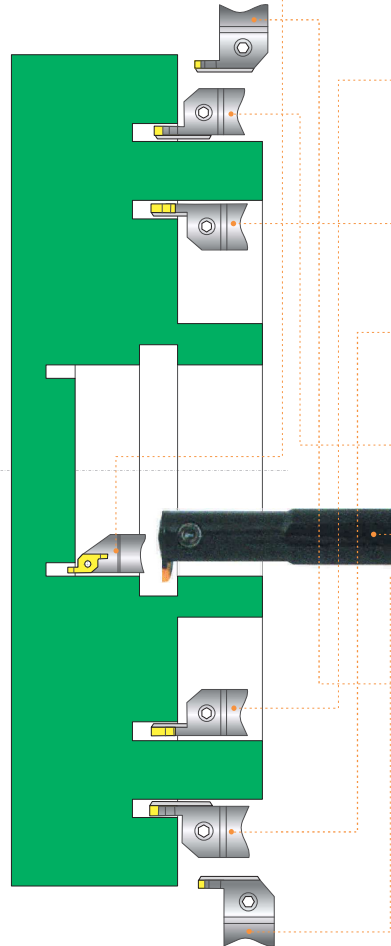


切槽/切断车削加工系统
Grooving / Cut-off Turning System



端面切槽车削加工系统
End Face Grooving Turning System



削柄
车刀



DS
刀柄



前

切槽
切断

车花



车削



平削



5

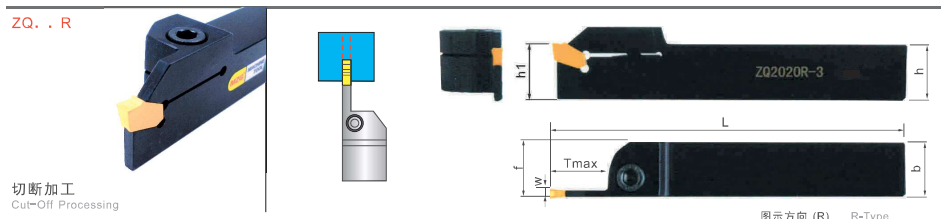
SP

[illegible]

切削环境 Cutting Environment			● 稳定切削 Stable Cutting	● 一般切削 General Cutting	✖ 不稳定切削 Unstable Cutting		
P	钢 Steel	●	●	●	●	●	●
M	不锈钢 Stainless Steel	●	●	●	●	●	●
K	铸铁 Iron	●	●	●	●	●	●
N	铝/铜/铁/塑料/木材 Aluminum/Copper/Magnesium/Zinc/Plastic/Wood	●	●	●	●	●	●
S	羰基合金/粉末冶金 Carbide/Powder Metallurgy	●	●	●	●	●	●
H	钛/高温合金/碳纤维 Titanium/Superalloy/Carbon Fiber	●	●	●	●	●	●

用途 Use	尺寸标示 Dimensioning	产品图片 Product Image	规格型号 Specification	尺寸 Dimension						
				W	F	L	B	H	SP	
切削加工 Machining			SP	200L	2.2	0.2	9.3	-	-	-
				300L	3.1	0.2	11.3	-	-	-
				400L	4.1	1.25	11.3	-	-	-
				500L	5.1	0.3	11.4	-	-	-
				600L	6.4	1.35	11.4	-	-	-

ZQ. . R



图示方向 (R) R-Type

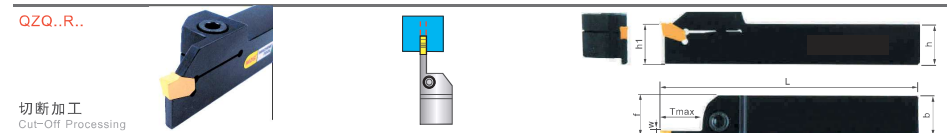
 刀片 (Inserts): [A36/B83](#) 零配件 (Toolholder Parts): [P01-P04](#)

刀板型号 Ordering code	尺寸 Dimensions							刀片 Insert 	螺丝 Screw 	扳手 Wrench 	Stock		Order Number	Price (RMB)
	W	b	h	L	h1	f	Tmax				R	L		
ZQ 1616R/L-02	2.2	16	16	100	16	16.4	16	SP200	M5×20	L4	● ●	251100	120	
2020R/L-02	2.2	20	20	125	20	20.4	16		M6×20	L5	● ●	251102	136	
2525R/L-02	2.2	25	25	150	25	25.4	16				● ●	251104	180	
ZQ 1616R/L-03	3.125	16	16	100	16	16.4	20	SP300	M5×20	L4	● ●	251106	120	
2020R/L-03	3.125	20	20	125	20	20.4	20				● ●	251108	136	
2525R/L-03	3.125	25	25	150	25	25.4	20		M6×20	L5	● ●	251110	180	
3225R/L-03	3.125	25	32	170	32	25.4	20				● ●	251112	260	
ZQ 1616R/L-04	4.125	16	16	100	16	16.4	25	SP400	M5×20	L4	● ●	251114	120	
2020R/L-04	4.125	20	20	125	20	20.4	25				● ●	251116	136	
2525R/L-04	4.125	25	25	150	25	25.4	25		M6×20	L5	● ●	251118	180	
3225R/L-04	4.125	32	32	170	32	25.4	25				● ●	251120	260	
ZQ 2525R/L-05	5.125	25	25	150	25	25.5	30	SP500	M6×20	L5	● ●	251122	180	
3232R/L-05	5.125	32	32	170	32	32.5	30				● ●	251124	260	
ZQ 2525R/L-06	6.4	25	25	150	25	25.5	35	SP600	M6×20	L5	● ●	251126	180	
3232R/L-06	6.4	32	32	170	32	32.5	35				● ●	251128	260	

ZQMX	切断加工
	内孔切槽
	端面切槽

[illegible]

QZQ..R..



切断加工
Cut-Off Processing

 刀片 (Inserts): [A41/B84](#) 零配件 (Toolholder Parts): [P01-P04](#)

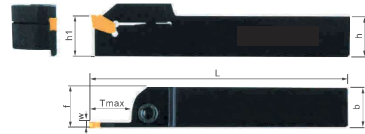
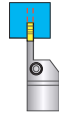
图 示 方 向 (R) R-Type

刀把型号 Ordering code		尺寸 Dimensions						刀片 Insert 	螺丝 Screw 	扳手 Wrench 	Stock		Order Number	Price (RMB)	
		W	b	h	L	h1	f				Tmax	R			L
QZQ	1616R/L03	3	16	16	80	16	16.4	16	ZQM3XN11-E	M5×20	L4	●	●	251800	160
	2020R/L03	3	20	20	100	20	20.4	20				●	●	251802	180
	2525R/L03	3	25	25	120	25	25.4	20		●	●	251804	220		
	3225R/L03	3	25	32	135	32	25.4	25		●	●	251806	330		
	1616R/L04	4	16	16	80	16	16.4	16	ZQM4XN11-E	M5×20	L4	●	●	251808	160
	2020R/L04	4	20	20	100	20	20.4	20				●	●	251810	180
	2525R/L04	4	25	25	120	25	25.4	20		●	●	251812	220		
	3225R/L04	4	25	32	135	32	25.4	25		●	●	251814	330		

 刀片 (Inserts): [A36/B83](#) 零配件 (Toolholder Parts): [P01-P04](#)

刀把型号 Ordering code	尺寸 Dimensions							刀片 Insert 	螺丝 Screw 	扳手 Wrench 	Stock		Order Number	Price (RMB)
	W	b	h	L	h1	f	Tmax				R	L		
ZQ 1616R/L-02	2.2	16	16	100	16	16.4	16	SP200	M5×20	L4	● ●	251100	120	
2020R/L-02	2.2	20	20	125	20	20.4	16		M6×20	L5	● ●	251102	136	
2525R/L-02	2.2	25	25	150	25	25.4	16				● ●	251104	180	
ZQ 1616R/L-03	3.125	16	16	100	16	16.4	20	SP300	M5×20	L4	● ●	251106	120	
2020R/L-03	3.125	20	20	125	20	20.4	20				● ●	251108	136	
2525R/L-03	3.125	25	25	150	25	25.4	20		M6×20	L5	● ●	251110	180	
3225R/L-03	3.125	25	32	170	32	25.4	20				● ●	251112	260	
ZQ 1616R/L-04	4.125	16	16	100	16	16.4	25	SP400	M5×20	L4	● ●	251114	120	
2020R/L-04	4.125	20	20	125	20	20.4	25				● ●	251116	136	
2525R/L-04	4.125	25	25	150	25	25.4	25		M6×20	L5	● ●	251118	180	
3225R/L-04	4.125	32	32	170	32	25.4	25				● ●	251120	260	
ZQ 2525R/L-05	5.125	25	25	150	25	25.5	30	SP500	M6×20	L5	● ●	251122	180	
3232R/L-05	5.125	32	32	170	32	32.5	30				● ●	251124	260	
ZQ 2525R/L-06	6.4	25	25	150	25	25.5	35	SP600	M6×20	L5	● ●	251126	180	
3232R/L-06	6.4	32	32	170	32	32.5	35				● ●	251128	260	

KTKHR..



图示方向 (R) R-Type

切断加工
Cut-Off Processing

零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions							刀片 Insert	螺丝 Screw	扳手 Wrench	Stock		Order Number	Price (RMB)	
	W	b	h	L	h1	f	Tmax				R	L			
KTKHR/L	1010F-2S	2.2	10	10	80	10	10	15	TKN2,TKR/L2 TKN2-P,TKR/L2-P TKN2,4,TKR/L2,4			●	●	251500	200
	1212H-2S	2.2	12	12	100	12	12	16.5				●	●	251502	200
	1612H-2S	2.2	12	16	100	16	16	16.5				●	●	251504	220
	1616H-2S	2.2	16	16	100	16	16	16.5				●	●	251506	200
	2012K-2S	2.2	12	20	125	20	20	19				●	●	251508	220
	2020K-2S	2.2	20	20	125	20	20	19	●	●	251510	200			
KTKHR/L	1612H-3S	3.1	12	16	100	16	16	18	TKN3,TKR/L3 TKN3-P,TKR/L3-P			●	●	251512	220
	1616H-3S	3.1	16	16	100	16	16	18				●	●	251514	200
	2012K-3S	3.1	12	20	125	20	20	20.5				●	●	251516	220
	2020K-3S	3.1	20	20	125	20	20	26				●	●	251518	200
	2525M-3S	3.1	25	25	150	25	25	26.5				●	●	251520	250
KTKHR/L	2012K-4S	4.1	12	20	125	20	20	22	TKN4,TKR/L4			●	●	251522	220
	2020K-4S	4.1	20	20	125	20	20	31				●	●	251524	200
	2525M-4S	4.1	25	25	150	25	25	34				●	●	251526	250
KTKHR/L	2525M-5S	5.1	25	25	150	25	25	39.5	TKN4,8,TKN5,TKR/L5			●	●	251528	260
自动车床用自锁式 Automatic Lathe With Self-locking															
KTKHR/L	1010K-2-125S	2.2	10	10	125	10	10	15	TKN2,TKR/L2			●	●	251600	220
	1212M-2-125S	2.2	12	12	150	12	12	15	TKN2-P,TKR/L2-P			●	●	251602	220
	1616M-2-150S	2.2	16	16	150	16	16	18	TKN2,4,TKR/L2,4			●	●	251604	220
KTKHR/L	1616M-3-150S	3.1	16	16	150	16	16	22.5	TKN2,TKR/L2 TKN2-P,TKR/L2-P TKN2,4,TKR/L2,4			●	●	251606	220
自动车床用螺钉紧固式 Automatic Lathe With Screw Fastening															
KTKHR/L	0808K-1.6-125B	1.6	8	8	125	8	8	5	TKN2,TKR/L2 TKN2-P,TKR/L2-P TKN2,4,TKR/L2,4	M4×12	T15	●	●	251700	220
	1010K-1.6-125B	1.6	10	10	125	10	10	10				●	●	251702	220
	1212M-1.6-150B	1.6	12	12	150	12	12	12.5				●	●	251704	220
	1414M-1.6-150B	1.6	14	14	150	14	14	13				●	●	251706	220
KTKHR/L	1010K-2-125B	2.2	10	10	125	10	10	10	TKN2,TKR/L2 TKN2-P,TKR/L2-P TKN2,4,TKR/L2,4	M4×12	T15	●	●	251708	220
	1212M-2-150B	2.2	12	12	150	12	12	12.5				●	●	251710	220
	1616M-2-150B	2.2	16	16	150	16	16	16				●	●	251712	220
KTKHR/L	1616M-3-150B	3.1	16	16	150	16	16	16	TKN2,TKR/L2 TKN2-P,TKR/L2-P TKN2,4,TKR/L2,4	M5×12	L4	●	●	251714	220

UGHR/L Cut-Off Processing Toolholder

UGHR/L 1616H2	2.2	16	16	16	16	16.3	16	KGT2	M5×20	L4	●	●	251200	200	
2020K2	2.2	20	20	20	20	20.3	21		M6×20	L5	●	●	251202	220	
UGHR/L 1616H3	3.1	16	16	16	16	16.4	18	KGT3	M5×20	L4	●	●	251204	200	
2020K3	3.1	20	20	20	20	20.4	29		M6×20	L5	●	●	251206	220	
2525M3	3.1	25	25	25	25	25.4	38		M6×20	L5	●	●	251208	280	
UGHR/L 2525M4	4.1	25	25	25	25	25.5	38	KGT4	M6×20	L5	●	●	251210	300	

CTWR/L Cut-Off Processing Toolholder

CTWR/L 2020-3	3	20	20	20	20	20.25	14	CTD3	M6×20	L5	●	●	251300	220	
2525-3	3	25	25	25	25	25.25	14				●	●	251302	300	
CTWR/L 2020-4	4	20	20	20	20	20.25	14	CTD4	M6×20	L5	●	●	251304	220	
2525-4	4	25	25	25	25	25.25	14				●	●	251306	300	
CTWR/L 2525-5	5	25	25	25	25	25.25	20	CTD5	M6×20	L5	●	●	251308	300	

CGSSR/L Cut-Off Processing Toolholder

CGSSR/L 1616-30D	3	16	16	16	16	16.5	22	GE30,GE30R/L GE30-AL,GT30 GR30	M6×20	L5	●	●	251400	220	
2020-30D	3	20	20	20	20	20.5	22				●	●	251402	300	
2525-30D	3	25	25	25	25	25.5	22				●	●	251404	320	
CGSSR/L 1616-40D	4	16	16	16	16	16.6	25	GE40,GE40R/L GE40-AL,GT40 GR40	M6×20	L5	●	●	251406	220	
2020-40D	4	20	20	20	20	20.6	25				●	●	251408	300	
2525-40D	4	25	25	25	25	25.6	25				●	●	251410	320	
CGSSR/L 1616-50D	5	16	16	16	16	16.7	25	GE50,GE50R/L GE50-AL,GT50 GR50	M6×20	L5	●	●	251412	320	
2020-50D	5	20	20	20	20	20.7	25				●	●	251414	300	
2525-50D	5	25	25	25	25	25.7	25				●	●	251416	320	

切断刀板
Cut-Off Toolholder



切断加工
Cut-Off Processing

刀片 (Inserts): A36/B83 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions						刀片 Insert	Stock	Order Number	Price (RMB)
	w	b	h	L	h1					
SPB 26-2	2	1.6	26	26	21		SP200,200R/L	●	254100	280
26-3	3	2.4	26	26	21		SP300,300R/L	●	254102	260
26-4	4	3.2	26	26	21		SP400,400R/L	●	254104	300
26-5	5	4.2	26	26	21		SP500,500R/L	●	254106	350
SPB 32-2	2	1.6	32	32	27		SP200,200R/L	●	254108	350
32-3	3	2.4	32	32	27		SP300,300R/L	●	254110	320
32-4	4	3.2	32	32	27		SP400,400R/L	●	254112	370
32-5	5	4.2	32	32	27		SP500,500R/L	●	254114	400
32-6	6	5.2	32	32	27		SP600,600R/L	●	254116	480

UGHN Cut-Off Processing Toolholder

UGHN 262	2.2	1.60	26	110	21.4		KGT2N,KGT2R/L	●	254200	280
263	3.1	2.35	26	110	21.4		KGT3N,KGT3R/L	●	254202	260
264	4.1	3.20	26	110	21.4		KGT4N,KGT4R/L	●	254204	300
265	5.1	4.00	26	110	21.4		KGT5N,KGT5R/L	●	254206	350
UGHN 322	2.2	1.60	32	150	25.0		KGT2N,KGT2R/L	●	254208	350
323	3.1	2.35	32	150	25.0		KGT3N,KGT3R/L	●	254210	320
324	4.1	3.20	32	150	25.0		KGT4N,KGT4R/L	●	254212	370
325	5.1	4.00	32	150	25.0		KGT5N,KGT5R/L	●	254214	400

KTKB Cut-Off Processing Toolholder

KTKB 19-1SS	1.6	1.2	19	86	15.7		TKN1.6,TKR/L1.6	●	254300	400
KTKB 26-1SS	1.6	1.2	26	110	21.4		TKN1.6,TKR/L1.6	●	254302	400
KTKB 32-1SS	1.6	1.2	32	150	25		TKN1.6,TKR/L1.6	●	254304	400
KTKB 19-2S	2.2	1.8	19	86	15.7		TKN2,TKR/L2	●	254306	400
26-2S	2.2	1.8	26	110	21.4		TKN2,TKR/L2	●	254308	380
26-3S	3.1	2.6	26	110	21.4		TKN3,TKR/L3	●	254310	360
26-4S	4.1	3.4	26	110	21.4		TKN4,TKR/L4	●	254312	380
26-5S	5.1	4.2	26	110	21.4		TKN5,TKR/L5	●	254314	400
KTKB 32-2S	2.2	1.8	32	150	25		TKN2,TKR/L2	●	254316	450
32-3S	3.1	2.6	32	150	25		TKN3,TKR/L3	●	254318	400
32-4S	4.1	3.4	32	150	25		TKN4,TKR/L4	●	254320	450
32-5S	5.1	4.2	32	150	25		TKN5,TKR/L5	●	254322	500
32-6S	6.4	5.4	32	150	25		TKN6,TKR/L6	●	254324	500
KTKBR/L 32-8S	8.0	6.8	32	150	25		TKN8,TKR/L8	●	254326	550
32-9S	9.6	8.0	32	150	25		TKN9,TKR/L9	●	254328	550

SCTH Cut-Off Processing Toolholder

SCTH 26-3	3	2.2	25.35	110	21.16		GT30	●	254400	360
26-4	4	3.2	25.14	110	21.05		GT40	●	254402	400
SCTH 32-3	3	2.2	31.41	150	24.8		GT30	●	254404	360
32-4	4	3.2	31.14	150	24.66		GT40	●	254406	40

MG 切断加工
内孔切槽
端面切槽

切削线速度 (Cutting Speed) v _m /min*		(mm)															
材料/材料组	应用	P/D	CBN-K	CBN-B	ZN68	ZN60	ZK01	ZC250	ZC251	ZC325	ZP152	ZP153	ZP163	ZK50	ZK50S		
铸铁/铸钢	深沟沟槽				150-200	150-200		70-300	150-500	150-600	70-250	100-250	60-300				
P 高碳钢	深沟沟槽				150-350	150-500		70-250	80-350	100-400	70-150	100-160	60-200				
M 不锈钢	深沟沟槽			10-30							20-60	25-60	20-80				
K 钛合金/钛/塑料/木材	深沟沟槽				200-300	200-350					50-150	70-150	50-200				
N 铝/铜/镁/铝/镁/钛/塑料/木材	深沟沟槽				300-1200									200-300	200-350		
S 硬质合金/粉末冶金	深沟沟槽				300-1000									150-200	150-250		
H 钛/高温合金/碳纤维	深沟沟槽				300-1000												

切削形态: Cutting Environment

● 稳定切削 Stable Cutting

● 一般切削 General Cutting

✘ 不稳定切削 Unstable Cutting

切削形态: Cutting Environment

● 稳定切削 Stable Cutting

● 一般切削 General Cutting

✘ 不稳定切削 Unstable Cutting

用途 Application	尺寸标示 Dimensioning	产品图片 Product Image	规格型号 Specification	尺寸 Dimension	应用 Application	尺寸标示 Dimensioning	产品图片 Product Image	规格型号 Specification	尺寸 Dimension
切槽/切断加工 Grooving / Cut-off			MGMN 150-G 200-G 300-G 400-G 500-G 600-G	1.5 0.15 16.0 12 3.5 - 2.0 0.2 16.0 16 3.5 - 2.5 0.2 16.0 20 3.5 - 3.0 0.2 16.0 25 3.5 - 4.0 0.4 21.0 33 4.8 - 5.0 0.6 26.0 41 5.8 - 6.0 0.8 31.0 50 6.8 -	切槽/切断加工 Grooving / Cut-off			MGMN 200-T 250-T 300-T 400-T 500-T 600-T	2.0 0.2 16.0 16 3.5 - 2.5 0.2 16.0 20 3.5 - 3.0 0.4 21.0 28 4.8 - 4.0 0.6 26.0 36 5.8 - 5.0 0.8 31.0 44 6.8 - 6.0 1.0 36.0 52 7.8 -
切槽/切断加工 Grooving / Cut-off			MGMN 200-M 250-M 300-M 400-M 500-M 600-M	2.0 0.2 16.0 16 3.5 - 2.5 0.2 16.0 20 3.5 - 3.0 0.2 16.0 25 3.5 - 4.0 0.4 21.0 33 4.8 - 5.0 0.6 26.0 41 5.8 - 6.0 0.8 31.0 50 6.8 -	切槽/切断加工 Grooving / Cut-off			MGMN 200-H 250-H 300-H 400-H 500-H 600-H	2.0 0.2 16.0 16 3.5 - 2.5 0.2 16.0 20 3.5 - 3.0 0.4 21.0 28 4.8 - 4.0 0.6 26.0 36 5.8 - 5.0 0.8 31.0 44 6.8 - 6.0 1.0 36.0 52 7.8 -
切槽/切断加工 Grooving / Cut-off			MGMN 300-4DPS 300-4DPS 300-15DPS 400-4DPS 500-4DPS 600-4DPS	3.0 0.2 21.0 23 4.8 6.8 3.0 0.2 21.0 23 4.8 6.8 3.0 0.2 21.0 23 4.8 15.0 4.0 0.4 21.0 33 4.8 4.0 5.0 0.6 26.0 41 5.8 4.0 6.0 0.8 31.0 50 6.8 4.0	切槽/切断加工 Grooving / Cut-off			MGMN 300-4DPS 300-4DPS 300-15DPS 400-4DPS 500-4DPS 600-4DPS	3.0 0.2 21.0 23 4.8 6.8 3.0 0.2 21.0 23 4.8 6.8 3.0 0.2 21.0 23 4.8 15.0 4.0 0.4 21.0 33 4.8 4.0 5.0 0.6 26.0 41 5.8 4.0 6.0 0.8 31.0 50 6.8 4.0
切槽/切断加工 Grooving / Cut-off			MGMN 200R-6 300R-6 300R-8 300R-15 400R-4 500R-4	2.0 0.2 16.0 16 3.5 6.0 2.5 0.2 16.0 20 3.5 6.0 3.0 0.2 21.0 23 4.8 6.0 4.0 0.4 21.0 33 4.8 15.0 5.0 0.6 26.0 41 5.8 4.0 6.0 0.8 31.0 50 6.8 4.0	切槽/切断加工 Grooving / Cut-off			MGMN 200L-6 300L-6 300L-8 300L-15 400L-4 500L-4	2.0 0.2 16.0 16 3.5 6.0 2.5 0.2 16.0 20 3.5 6.0 3.0 0.2 21.0 23 4.8 6.0 4.0 0.4 21.0 33 4.8 15.0 5.0 0.6 26.0 41 5.8 4.0 6.0 0.8 31.0 50 6.8 4.0
切槽/切断加工 Grooving / Cut-off			MGMN 150R-8 200R-8 250R-8 300R-8 400R-8 500R-8 600R-8	1.5 0.15 16.0 12 3.5 8" 2.0 0.2 16.0 16 3.5 8" 2.5 0.2 16.0 20 3.5 8" 3.0 0.2 16.0 25 3.5 8" 4.0 0.4 21.0 33 4.8 8" 5.0 0.6 26.0 41 5.8 8" 6.0 0.8 31.0 50 6.8 8"	切槽/切断加工 Grooving / Cut-off			MGMN 150L-8 200L-8 250L-8 300L-8 400L-8 500L-8 600L-8	1.5 0.15 16.0 12 3.5 8" 2.0 0.2 16.0 16 3.5 8" 2.5 0.2 16.0 20 3.5 8" 3.0 0.4 21.0 28 4.8 8" 4.0 0.6 26.0 36 5.8 8" 5.0 0.8 31.0 44 6.8 8" 6.0 1.0 36.0 52 7.8 8"
切槽/切断加工 Grooving / Cut-off			MGMN 150 200 250 300 400 500 600	1.5 0.15 16.0 12 3.5 - 2.0 0.2 16.0 16 3.5 - 2.5 0.2 16.0 20 3.5 - 3.0 0.2 16.0 25 3.5 - 4.0 0.4 21.0 33 4.8 - 5.0 0.6 26.0 41 5.8 - 6.0 0.8 31.0 50 6.8 -	切槽/切断加工 Grooving / Cut-off			MGMN 150 200 250 300-02 300-03 300-03 400-02 400-02 500-04 500-04 600 700 800	1.5 0.15 16.0 12 3.5 - 2.0 0.2 16.0 16 3.5 - 2.5 0.2 16.0 20 3.5 - 3.0 0.2 16.0 25 3.5 - 4.0 0.4 21.0 33 4.8 - 5.0 0.6 26.0 41 5.8 - 6.0 0.8 31.0 50 6.8 - 7.0 1.0 36.0 52 7.8 - 8.0 1.2 36.0 52 7.8 -
切槽/切断加工 Grooving / Cut-off			MRMN 200-M 300-M 400-M 500-M 600-M 800-M	2.0 1.0 16.0 16 3.5 - 3.0 1.5 21.0 23 4.8 - 4.0 2.0 21.0 33 4.8 - 5.0 2.5 26.0 41 5.8 - 6.0 3.0 31.0 50 6.8 - 8.0 4.0 31.0 60 6.5 -	切槽/切断加工 Grooving / Cut-off			MRMN 150 200 250 300 350 400 500 600 700 800	1.5 0.15 16.0 12 3.5 - 2.0 1.0 16.0 16 3.5 - 2.5 1.25 16.0 20 3.5 - 3.0 1.5 21.0 23 4.8 - 3.5 1.75 21.0 23 4.8 - 4.0 2.0 21.0 33 4.8 - 5.0 2.5 26.0 41 5.8 - 6.0 3.0 31.0 50 6.8 - 7.0 3.5 31.0 50 6.8 - 8.0 4.0 31.0 60 6.5 -
切槽/切断加工 Grooving / Cut-off			MRGN 400-A 500-A 600-A 800-A	4.0 2.0 21.0 33 4.8 - 5.0 2.5 26.0 41 5.8 - 6.0 3.0 31.0 50 6.8 - 8.0 4.0 31.0 60 6.5 -	切槽/切断加工 Grooving / Cut-off			MRGN 8N-A-R1.2 8N-A-R1.6	4.0 3.0 31.0 60 6.8 - 5.0 3.5 31.0 60 6.8 -

MEGHER

Technical drawing of a cutting tool. It shows a side view with dimensions: 100mm length, 16mm width, and 1.5mm height. A label '100mm' is present. Below the drawing, the text '外径切槽/切断加工' and 'External Cut-Off / Grooving' are written.

Technical drawing of a cutting tool. It shows a side view with dimensions: 100mm length, 16mm width, and 1.5mm height. A label '100mm' is present.

Technical drawing of a cutting tool. It shows a side view with dimensions: 100mm length, 16mm width, and 1.5mm height. A label '100mm' is present.

Technical drawing of a cutting tool. It shows a side view with dimensions: 100mm length, 16mm width, and 1.5mm height. A label '100mm' is present.

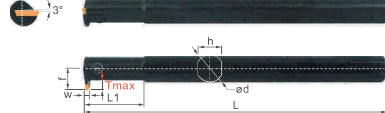
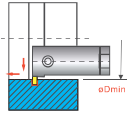
Technical drawing of a cutting tool. It shows a side view with dimensions: 100mm length, 16mm width, and 1.5mm height. A label '100mm' is present.

刀片 (Inserts): A35-A36 零配件 (Toolholder Parts): P01-P04

图示方向 (R) R-Type

刀把型号 Ordering code		尺寸 Dimensions							螺丝 Screw	扳手 Wrench	刀片 Insert	Stock		Order Number	Price (RMB)	
		W	b	h	L	h1	f	Tmax				R	L			
MGEHR/L	1010-1.5	1.5	10	10	100	10	10	15	M4×16	L3	MGMN150 MGMN150 MRMN150	●	●	252100	220	
	1212-1.5	1.5	12	12	100	12	12	15				●	●	252102	200	
	1616-1.5	1.5	16	16	100	16	16	15	M5×20	L4		●	●	252101	200	
	2020-1.5	1.5	20	20	125	20	20	15				●	●	252103	200	
	2525-1.5	1.5	25	25	150	25	25	15	M6×20	L5		●	●	252105	280	
MGEHR/L	1010-2	2	10	10	100	10	10	16	M4×16	L3	MGMN200 MGMN200 MRMN200	●	●	252104	220	
	1010-2T10	2	10	10	100	10	10	10				●	●	252150	300	
	1010-2T20	2	10	10	100	10	10	20				●	●	252151	300	
	1212-2	2	12	12	100	12	12	16				●	●	252106	200	
	1212-2T10	2	12	12	100	12	12	10				●	●	252152	300	
	1616-2	2	16	16	100	16	16	16	M5×20	L4		●	●	252108	140	
	1616-2T10	2	16	16	100	16	16	10				●	●	252153	300	
	2020-2	2	20	20	125	20	20	16				●	●	252110	160	
	2020-2T20	2	20	20	125	20	20	20				●	●	252154	300	
	2525-2	2	25	25	150	25	25	16				●	●	252111	160	
	2525-2T20	2	25	25	150	25	25	20	M5×20	L4		●	●	252155	350	
	1616-2.5	2.5	16	16	100	16	16	17				●	●	252112	160	
	1616-2.5T10	2.5	16	16	100	16	16	10	M5×20	L4		●	●	252156	300	
	2020-2.5	2.5	20	20	125	20	20	17				●	●	252114	200	
	2020-2.5T10	2.5	20	20	125	20	20	10	M5×20	L4		●	●	252157	300	
	2020-2.5T25	2.5	20	20	125	20	20	25				●	●	252158	300	
	2525-2.5	2.5	25	25	150	25	25	17	M6×20	L5		●	●	252116	280	
	2525-2.5T10	2.5	25	25	150	25	25	10				●	●	252159	400	
	2525-2.5T25	2.5	25	25	150	25	25	25	M6×20	L4		●	●	252160	400	
MGEHR/L	1212-3	3	12	12	100	12	12	20	M4×16	L3	MGMN300 MGMN300 MRMN300	●	●	252117	160	
	1616-3	3	16	16	100	16	16	20				●	●	252118	140	
	1616-3T10	3	16	16	100	16	16	10	M5×20	L4		●	●	252161	300	
	1616-3T25	3	16	16	100	16	16	25				●	●	252162	300	
	1616-3T30	3	16	16	100	16	16	30				●	●	252163	300	
	2020-3	3	20	20	125	20	20	20				●	●	252120	160	
	2020-3T10	3	20	20	125	20	20	10				●	●	252164	300	
	2020-3T25	3	20	20	125	20	20	25	M5×20	L4		●	●	252165	300	
	2020-3T30	3	20	20	125	20	20	30				●	●	252166	300	
	2525-3	3	25	25	150	25	25	20				●	●	252167	300	
	2525-3T10	3	25	25	150	25	25	10				●	●	252122	200	
	2525-3T25	3	25	25	150	25	25	25				●	●	252168	400	
	2525-3T30	3	25	25	150	25	25	30	M5×20	L4		●	●	252169	400	
	2525-3T35	3	25	25	150	25	25	35				●	●	252170	400	
	3232-3	3	32	32	170	32	32	20				●	●	252171	400	
	3232-3	3	32	32	170	32	32	20				●	●	252124	280	
MGEHR/L	1616-4	4	16	16	100	16	16	20	M5×20	L4	MGMN400 MGMN400 MRMN400	●	●	252126	140	
	1616-4T10	4	16	16	100	16	16	10				●	●	252172	300	
	1616-4T25	4	16	16	100	16	16	25				●	●	252173	300	
	1616-4T30	4	16	16	100	16	16	30				●	●	252174	300	
	2020-4	4	20	20	125	20	20	20	M6×20	L5		●	●	252128	160	
	2020-4T10	4	20	20	125	20	20	10				●	●	252175	300	
	2020-4T25	4	20	20	125	20	20	25				●	●	252176	300	
	2020-4T30	4	20	20	125	20	20	30				●	●	252177	300	
	2020-4T35	4	20	20	125	20	20	35				●	●	252178	300	
	2525-4	4	25	25	150	25	25	20	M6×20	L5		●	●	252130	200	
	2525-4T10	4	25	25	150	25	25	10				●	●	252179	400	
	2525-4T25	4	25	25	150	25	25	25				●	●	252180	400	
	2525-4T30	4	25	25	150	25	25	30				●	●	252181	400	
	2525-4T35	4	25	25	150	25	25	35				●	●	252182	400	
MGEHR/L	3232-4	4	32	32	170	32	32	20	M6×20	L5		●	●	252132	280	
	2020-5	5	20	20	125	20	20	25				●	●	252134	160	
	2020-5T30	5	20	20	125	20	20	30	M5×20	L4		●	●	252183	400	
	2020-5T35	5	20	20	125	20	20	35				●	●	252184	400	
	2525-5	5	25	25	150	25	25	25				●	●	252136	200	
	2525-5T30	5	25	25	150	25	25	30				●	●	252185	400	
	2525-5T35	5	25	25	150	25	25	35				●	●	252186	400	
	3232-5	5	32	32	170	32	32	25	M6×20	L5		●	●	252138	280	
	2020-6	6	20	20	125	20	20	25				●	●	252139	200	
	2525-6	6	25	25	150	25	25	25	M6×20	L5		●	●	252140	200	
	3232-6	6	32	32	170	32	32	25				●	●	252142	280	
MGEHR/L	2525-8	8	25	25	150	25	25	28	M6×20	L5	MGMN800 MRMN800	●	●	252144	280	
	3232-8	8	32	32	170	32	32	28				●	●	252146	380	

MGIVR

内孔切槽加工
Internal Grooving Processing

图示方向 (R) R-Type

刀片 (Inserts): A35-A36 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions									刀片 Insert	Stock		Order Number	Price (RMB)				
	W	Tmax	ød	f	L	L1	h				R	L						
MGIVR/L	2016-1.5	1.5	3.5	16	12.4	160	35	14.8	M4×15	L3	MGMN150 MGGN150 MRMN150	●	●	256600	260			
	2016-1.5T8	1.5	8	16	12.4	160	38	14.8				●	●	256650	300			
	2520-1.5	1.5	3.5	20	14	180	45	18.4				●	●	256602	320			
	2520-1.5T8	1.5	8	20	14	180	45	18.4				●	●	256652	350			
	2925-1.5	1.5	3.5	25	17.25	200	45	23.4				●	●	256604	360			
	2925-1.5T8	1.5	8	25	17.25	200	50	23.4	●	●	256653	400						
MGIVR/L	2016-2	2	4.5	16	12.4	160	35	14.8	M4×15	L3	MGMN200 MGGN200 MRMN200	●	●	256606	220			
	2016-2T8	2	8	16	12.4	160	38	14.8				●	●	256654	300			
	2520-2	2	4.5	20	14	180	45	18.4				●	●	256608	260			
	2520-2T8	2	8	20	14	180	45	18.4				●	●	256656	350			
	2925-2	2	4.5	25	17.25	200	45	23.4				●	●	256610	280			
	2925-2T8	2	8	25	17.25	200	50	23.4	●	●	256657	400						
	3732-2T8	2	8	32	20.5	250	70	30	M6×20	L5	MGMN250 MGGN250 MRMN250	●	●	256658	500			
MGIVR/L	2016-2.5	2.5	4.5	16	12.4	160	35	14.8				M4×15	L3	MGMN250 MGGN250 MRMN250	●	●	256612	260
	2016-2.5T8	2.5	8	16	13.25	160	38	14.8							●	●	256659	300
	2520-2.5	2.5	4.5	20	15.6	180	45	18.4							●	●	256614	320
	2520-2.5T8	2.5	8	20	16	180	45	18.4							●	●	256660	350
	2925-2.5	2.5	4.5	25	18.9	200	45	23.4	●	●	256616				360			
	2925-2.5T8	2.5	8	25	17.5	200	50	23.4	M5×20	L4	MGMN250 MGGN250 MRMN250	●	●	256661	400			
	3732-2.5T8	2.5	8	32	20.5	250	70	30				●	●	256662	500			
MGIVR/L	2016-3	3	5	16	14.5	160	35	14.8				M4×15	L3	MGMN300 MGGN300 MRMN300	●	●	256618	220
	2016-3T8	3	8	16	15	160	38	14.8							●	●	256663	300
	2316-3	3	6	16	15.6	160	35	14.8							●	●	256620	220
	2520-3	3	6	20	15.6	180	45	18.4	●	●	256622				260			
	2520-3T8	3	8	20	15.6	180	45	18.4	●	●	256664				350			
	3125-3	3	6	25	18.9	200	50	23.4	M5×20	L4	MGMN300 MGGN300 MRMN300	●	●	256624	280			
	3125-3T10	3	10	25	18.9	200	50	23.4				●	●	256665	400			
	3732-3	3	6	32	21.5	250	65	30				M6×20	L5	MGMN300 MGGN300 MRMN300	●	●	256626	460
	3732-3T12	3	12	32	21.5	250	65	30							●	●	256666	500
	4540-3	4	8	40	27.2	300	70	38							●	●	256627	820
	4540-3T15	4	15	40	27.2	300	70	38	●	●	256667				900			
MGIVR/L	2016-4	4	6	16	15	160	45	14.8	M4×15	L3	MGMN400 MGGN400 MRMN400				●	●	256629	220
	2016-4T8	4	8	16	15	160	38	14.8				●	●	256668	300			
	2520-4	4	6	20	15.6	180	45	18.4				●	●	256628	260			
	2520-4T8	4	8	20	15.6	180	45	18.4				●	●	256669	350			
	3125-4	4	6	25	18.9	200	50	23.4				●	●	256630	280			
	3125-4T10	4	10	25	18.9	200	50	23.4	M5×20	L4	MGMN400 MGGN400 MRMN400	●	●	256670	400			
	3732-4	4	6	32	21.5	250	65	30				●	●	256632	460			
	3732-4T12	4	12	32	21.5	250	65	30				●	●	256671	500			
	4540-4	4	8	40	27.2	300	70	38				●	●	256633	820			
	4540-4T15	4	15	40	27.2	300	70	38				●	●	256672	900			
MGIVR/L	3125-5	5	8	25	19.4	200	50	23.4	M8×30	L6	MGMN500 MGGN500 MRMN500	●	●	256634	280			
	3125-5T10	5	10	32	19.4	200	50	23.4				●	●	256673	400			
	3732-5	5	8	32	21.5	250	65	30				●	●	256636	460			
	3732-5T12	5	12	32	21.5	250	65	30				●	●	256674	500			
	4540-5	5	10	40	27.2	300	70	38				●	●	256637	820			
	4540-5T15	5	15	40	27.2	300	70	38	M8×30	L6	MGMN500 MGGN500 MRMN500	●	●	256675	900			
MGIVR/L	3125-6	6	8	25	19.4	200	50	23.4				M5×20	L4	MGMN600 MRMN600	●	●	256638	380
	3732-6	6	8	32	21.5	250	65	30							●	●	256640	590
	3732-8	8	10	32	23.5	250	65	30							●	●	256642	600
	4540-8	8	10	40	27.2	300	70	38							●	●	256644	820

MGEHR..R 圆弧加强型
(Circular arc strengthening type)外径切槽/切断加工
External Cut-Off / Grooving

刀片 (Inserts): A35-A36 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions							刀片 Insert	螺丝 Screw	扳手 Wrench	Stock		Order Number	Price (RMB)
	W	b	h	L	h1	f	Tmax				R	L		
MGEHR/L 1010-1.5R	1.5	10	10	100	10	10	15	MGMN150 MGGN150 MRMN150	M4×16	L3	●	●	252170	160
1212-1.5R	1.5	12	10	100	12	12	15				●	●	252172	160
1616-1.5R	1.5	16	10	100	16	16	15				●	●	252174	160
2020-1.5R	1.5	20	20	125	20	20	15	MGMN200 MGGN200 MRMN200	M5×20	L4	●	●	252176	200
MGEHR/L 1010-2R	2	10	10	100	10	10	16				●	●	252178	160
1212-2R	2	12	12	100	12	12	16				●	●	252180	160
1616-2R	2	16	16	100	16	16	16	MGMN300 MGGN300 MRMN300	M4×16	L3	●	●	252182	160
2020-2R	2	20	20	125	20	20	16				●	●	252184	200
MGEHR/L 1616-3R	3	16	16	100	16	16	20				●	●	252186	160
2020-3R	3	20	20	125	20	20	20	MGMN300 MGGN300 MRMN300	M5×20	L5	●	●	252188	200

图示方向 (R) R-Type

MGEVR

外径切槽加工
External Cut-Off Processing

刀片 (Inserts): A35-A36 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions							 螺丝 Screw	 扳手 Wrench	 刀片 Insert	Stock		Order Number	Price (RMB)	
	W	b	h	L	h1	f	Tmax				R	L			
MGEVR/L	1616-1.5	1.5	16	16	100	16	21.3	5	M5x20	L4	MGMN150 MGGN150 MRMN150	●	●	252230	260
	2020-1.5	1.5	20	20	125	20	26.3	6	M6x20	L5		●	●	252232	260
	2525-1.5	1.5	25	25	150	25	33	6				●	●	252234	300
MGEVR/L	1616-2	2	16	16	100	16	21.3	5	M5x20	L4	MGMN200 MGGN200 MRMN200	●	●	252200	260
	1616-2T10	2	16	16	100	16	26.2	10	M6x20	L5		●	●	252235	300
	2020-2	2	20	20	125	20	26.3	6				●	●	252202	260
	2020-2T11	2	20	20	125	20	31.5	11	M5x20	L4		●	●	252236	300
	2525-2	2	25	25	150	25	33	6	M6x20	L5		●	●	252203	300
MGEVR/L	1616-2.5	2.5	16	16	100	16	21.3	5	M5x20	L4	MGMN250 MGGN250 MRMN250	●	●	252204	260
	2020-2.5	2.5	20	20	125	20	26.3	6	M6x20	L5		●	●	252206	260
	2525-2.5	2.5	25	25	150	25	33	7				●	●	252207	300
MGEVR/L	1616-3	3	16	16	100	16	21.3	7	M5x20	L4	MGMN300 MGGN300 MRMN300	●	●	252208	260
	1616-3T13	3	16	16	100	16	29.5	13				●	●	252237	300
	2020-3	3	20	20	125	20	26.3	7	M6x20	L5		●	●	252210	260
	2020-3T15	3	20	20	125	20	35.5	15	M5x20	L4		●	●	252238	300
	2525-3	3	25	25	150	25	33	7	M6x20	L5		●	●	252212	300
	2525-3T15	3	25	25	150	25	40.5	15	M5x20	L4		●	●	252239	350
	1616-4	4	16	16	100	16	21.3	7	M6x20	L4		●	●	252214	260
1616-4T13	4	16	16	100	16	29.5	13	●			●	252240	300		
MGEVR/L	2020-4	4	20	20	125	20	26.3	7	M6x20	L5	MGMN400 MGGN400 MRMN400	●	●	252216	260
	2020-4T15	4	20	20	125	20	35.5	15	M5x20	L4		●	●	252241	300
	2525-4	4	25	25	150	25	33	7	M6x20	L5		●	●	252218	300
	2525-4T15	4	25	25	150	25	40.5	15	M5x20	L4		●	●	252243	350
	2020-5T10	5	20	20	125	20	26.3	10	M5x20	L4		●	●	252245	300
2020-5T15	5	20	20	125	20	35.5	15	●			●	252247	300		
2525-5T18	5	25	25	150	25	34	8	M5x20			L4	●	●	252248	350
2525-5T15	5	25	25	150	25	40.5	15		MGMN500 MGGN500 MRMN500	●		●	252249	350	

TD
切断加工
外圆内孔
端面切槽

切槽形态: Cutting Environment										切槽形态: Cutting Environment											
● 稳定切削 Stable Cutting										● 稳定切削 Stable Cutting											
● 一般切削 General Cutting										● 一般切削 General Cutting											
✱ 不稳定切削 Unstable Cutting										✱ 不稳定切削 Unstable Cutting											
P	钢	Steel								P	钢	Steel									
M	不锈钢	Stainless Steel								M	不锈钢	Stainless Steel									
K	铸铁	Iron								K	铸铁	Iron									
N	铝/铜/钛/塑料/木材	Aluminum/Copper/Magnesium/Zinc/Plastic/Wood								N	铝/铜/钛/塑料/木材	Aluminum/Copper/Magnesium/Zinc/Plastic/Wood									
S	硬质合金/粉末冶金	Carbide/Powder Metallurgy								S	硬质合金/粉末冶金	Carbide/Powder Metallurgy									
H	钛/高温合金/碳纤维	Titanium/Superalloy/Carbon Fiber								H	钛/高温合金/碳纤维	Titanium/Superalloy/Carbon Fiber									
用途	尺寸标示	产品图片	规格型号	尺寸 Dimension					用 途 Application	尺寸标示	产品图片	规格型号	尺寸 Dimension					用 途 Application			
用途	尺寸标示	产品图片	规格型号	W	F	L	B	H		φ	尺寸标示	产品图片	规格型号	W	F	L	B		H	φ	
切槽带肩加工 Groove with shoulder			TDC 2 3 4 5 6 8	2.0	0.2	20.0	1.7	4.7	-			TDT 30 40 50	3.0	1.5	20	-	5.5	-	-	-	
				3.0	0.2	20.0	2.4	4.7	-				4.0	1.5	20	-	5.5	-	-		
				4.0	0.3	20.0	3.0	4.7	-				5.0	1.5	20	-	5.5	-	-		
				5.0	0.3	20.0	3.0	4.7	-				6.0	0.3	20.0	3.0	4.7	-	-		
切槽带孔加工 Groove with hole			TDJ 1,4 2 3 4 5 6	1.4	0.1	10.0	1.0	4.0	-				1.4	0.1	10.0	1.0	4.0	-	-	-	
				2.0	0.2	20.0	1.7	4.7	-				3.0	0.2	20.0	2.4	4.7	-	-		
				3.0	0.2	20.0	2.4	4.7	-				4.0	0.3	20.0	3.0	4.7	-	-		
				4.0	0.3	20.0	3.0	4.7	-				5.0	0.3	20.0	3.0	4.7	-	-		
切槽带孔加工 Groove with hole			TDC 2-6R 2-3R 3-6R 4-4R 4-16R 5-4R	2.0	0.2	20.0	1.7	4.7	6°				2.0	0.2	20.0	1.7	4.7	6°	-	-	
				3.0	0.2	20.0	2.4	4.7	6°				3.0	0.2	20.0	2.4	4.7	6°	-		
				4.0	0.3	20.0	3.0	4.7	6°				4.0	0.3	20.0	3.0	4.7	6°	-		
				5.0	0.3	20.0	3.0	4.7	6°				6.0	0.3	20.0	3.0	4.7	6°	-		
切槽带孔加工 Groove with hole			TDC 2-6L 2-3L 3-6L 4-4L 4-16L 5-4L	2.0	0.2	20.0	1.7	4.7	6°				2.0	0.2	20.0	1.7	4.7	6°	-	-	
				3.0	0.2	20.0	2.4	4.7	6°				3.0	0.2	20.0	2.4	4.7	6°	-		
				4.0	0.3	20.0	3.0	4.7	6°				4.0	0.3	20.0	3.0	4.7	6°	-		
				5.0	0.3	20.0	3.0	4.7	6°				6.0	0.3	20.0	3.0	4.7	6°	-		
切槽带孔加工 Groove with hole			TDC 2-3 3-3 5-5 6-6	2.0	0.2	20.0	1.7	4.7	-				2.0	0.2	20.0	1.7	4.7	-	-	-	
				3.0	0.2	20.0	2.4	4.7	-				4.0	0.3	20.0	3.0	4.7	-	-		
				4.0	0.3	20.0	3.0	4.7	-				5.0	0.3	20.0	3.0	4.7	-	-		
				6.0	0.3	20.0	3.0	4.7	-				8.0	0.3	20.0	3.0	4.7	-	-		
切槽带孔加工 Groove with hole			TDJ 1,4 3 4 5 6	1.4	0.1	10.0	1.0	4.0	-				1.4	0.1	10.0	1.0	4.0	-	-	-	
				2.0	0.2	20.0	1.7	4.7	-				3.0	0.2	20.0	2.4	4.7	-	-		
				3.0	0.2	20.0	2.4	4.7	-				4.0	0.3	20.0	3.0	4.7	-	-		
				4.0	0.3	20.0	3.0	4.7	-				5.0	0.3	20.0	3.0	4.7	-	-		

TTER

外径切槽/切断加工
External Cut-Off/Grooving

刀片 (Inserts): A40/B91 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions							刀片 Insert	螺丝 Screw	扳手 Wrench	Stock		Order Number	Price (RMB)
	W	b	h	L	h1	f	Tmax				R	L		
TTER/L 1010-1,4T15-D40 1212-4,4T15-D40 1616-1,4T20-D45	1,4	10	10	125	10	9,5	40	TDJ1,4	M5×20	L4	○	○	253200	220
	1,4	12	12	125	12	11,5	40				○	○	253202	220
	1,4	16	16	125	16	15,5	45				○	○	253204	180
	1,4	20	20	125	20	19,5	45				○	○	253206	200
TTER/L 1010-2T15-D40 1212-2T15-D40 1616-2T20-D45 2020-2T20-D45	2	10	10	125	10	9,1	40	TDC2 TSC2 TDJ2	M5×20	L4	○	○	253208	220
	2	12	12	125	12	11,1	40				○	○	253210	220
	2	16	16	125	16	15,1	45				○	○	253212	220
	2	20	20	125	20	19,1	45				○	○	253214	180
TTER/L 2525-2T20-D45 1212-3T15-D40 1616-3T20-D45 2020-3T20-D45	2	25	25	150	25	24,1	45	TDC3,TSC3 TDJ3 TDXU3,TDT3	M6×20	L5	○	○	253216	200
	3	12	12	125	12	10,8	40				○	○	253218	220
	3	16	16	125	16	14,8	45				○	○	253220	180
	3	20	20	125	20	18,8	45				○	○	253222	200
TTER/L 2525-3T20-D45 2525-3T20-D60	3	25	25	150	25	23,8	45	TDC4,TSC4 TDJ4,TDXU4 TDT4	M6×20	L5	○	○	253224	260
	3	25	25	150	25	23,8	60				○	○	253226	320
	2	16	16	110	16	15,1	12				●	○	253228	180
	2	20	20	125	20	19,1	12				●	○	253230	200
TTER/L 1616-3 2020-3 2525-3	2	25	25	150	25	24,1	12	TDC3,TSC3 TDJ3,TDXU3 TDT3	M6×20	L5	●	○	253232	260
	3	16	16	110	16	14,8	12				●	○	253234	180
	3	20	20	125	20	18,8	12				●	○	253236	200
	3	25	25	150	25	23,8	12				●	○	253238	260
TTER/L 1616-4 2020-4 2525-4	4	16	16	110	16	14,5	15	TDC4,TSC4 TDJ4,TDXU4 TDT4	M6×20	L5	●	○	253240	180
	4	20	20	125	20	18,5	15				●	○	253242	200
	4	25	25	150	25	23,5	15				●	○	253244	260
	5	20	20	125	20	18,1	20				●	○	253246	230
TTER/L 2020-5 2525-5	5	25	25	150	25	23,1	20	TDC5,TSC5,TDJ5 TDXU5,TDT5	M6×20	L5	●	○	253248	300
	6	20	20	125	20	17,6	20				●	○	253250	230
	6	25	25	150	25	22,6	20				●	○	253252	300
	8	25	25	150	25	22,1	26				○	○	253254	380
TTER/L 3232-8 2525-8	8	32	32	170	32	29,1	25	TDC8,TSC8 TDJ8,TDXU8,TDT8	M6×20	L5	●	○	253256	460
	10	25	25	150	25	21,1	25				○	○	253258	380
	10	32	32	170	32	28,1	40				○	○	253260	460
	10	40	40	200	40	36,1	40				○	○	253262	580

TTIR

内孔切槽加工
Internal Grooving Processing

刀片 (Inserts): A40/B91 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code</

Z...	切 断 加 工		主 刀 材 料	PCD	CBN-H	CBN-S	ZN60	ZN80	ZK01	ZC250	ZC251	ZC325	ZP152	ZP153	ZP163	ZK50	ZK50S
	材料特点	规格范围	难切削材料	全涂层	陶瓷专用	难切削材料	无涂层好	高度抛光	模制加工	CVD 制作	CVD 制作	倍伸高速	不锈钢通用	不锈钢高速	高硬高速	CVD 转铁	转铁高速
P	低碳钢						150-650	150-800		70-500	150-500	150-600	70-250	100-250	60-300		
	高碳钢						150-350	150-600		70-250	80-350	100-400	70-150	80-150	60-200		
M	淬硬钢 HRC40-58					10-20											
K	不锈钢						200-300	200-350					20-60	20-60	20-80		
	灰口铸铁		300-1500				100-300	100-350					50-150	70-150	50-200	200-300	200-350
N	球墨铸铁/轧钢		400-800				100-200	100-250								150-200	150-250
S	钛/铝/塑料/木材	300-1200							300-1200								
	铝合金 HB50-70	300-1500							300-1500								
H	淬硬铝合金 HRC70-110	300-800							300-800								
	钛/锆/黄铜	300-1000							300-1000								
P	硬质合金/粉末冶金	10-30							10-30						20-55		
	硅填充塑料/碳纤维	400-600							400-600								
H	钛/高温合金/碳纤维	100-200							100-200				20-50	20-60	30-80		

切槽/切断 Cutting Environment		● 稳定切削 Stable Cutting	● 一般切削 General Cutting	✖ 不稳定切削 Unstable Cutting	切槽/切断 Cutting Environment		● 稳定切削 Stable Cutting	● 一般切削 General Cutting	✖ 不稳定切削 Unstable Cutting
P	钢	●	●	✖	P	钢	●	●	✖
M	不锈钢	●	●	✖	M	不锈钢	●	●	✖
K	铸铁	●	●	✖	K	铸铁	●	●	✖
N	铝/铜/钛/塑料/木材	●	●	✖	N	铝/铜/钛/塑料/木材	●	●	✖
S	硬质合金/粉末冶金	●	●	✖	S	硬质合金/粉末冶金	●	●	✖
H	钛/高温合金/碳纤维	●	●	✖	H	钛/高温合金/碳纤维	●	●	✖

用途 Application	尺寸标示 Dimensioning	产品图片 Product Image	规格型号 Specification	尺寸 Dimension		用途 Application	尺寸标示 Dimensioning	产品图片 Product Image	规格型号 Specification	尺寸 Dimension	
				W	PCD					W	PCD
切槽/切断加工 Cutting Environment			ZTED 02803-MG	2.5	0.3	●	●			●	●
	0303-MG		3.0	0.3							
	0404-MG		4.0	0.4							
	0504-MG		5.0	0.4							
	0608-MG		6.0	0.8							
切槽/切断加工 Cutting Environment			ZRED 025-MG	2.5	12.0	●	●			●	●
	03-MG		3.0	1.5							
	04-MG		4.0	2.0							
	05-MG		5.0	2.5							
	06-MG		6.0	3.0							

GY

切断加工
外圆内孔
端面切槽

切削形态 Cutting Environment		● 稳定切削 Stable Cutting	● 一般切削 General Cutting	✘ 不稳定切削 Unstable Cutting
P	钢 Steel	●	●	✘
M	不锈钢 Stainless Steel	●	●	✘
K	铸铁 Iron	●	●	✘
N	铝/铜/镁/钛/塑料/木材 Aluminum/Copper/Magnesium/Zinc/Plastic/Wood	●	●	✘
S	硬质合金/粉末冶金 Carbide/Powder Metallurgy	●	●	✘
H	钛/高温合金/碳纤维 Titanium/Superalloy/Carbon Fiber	●	●	✘

用途 Application	尺寸标示 Dimensioning	产品图片 Product Image	规格型号 Specification	尺寸 Dimension				Y轴 CUTTING	Z轴 CUTTING	端面 CUTTING
				W	FE	L	B			
			GY2M 0200D020N-MM 0250E020N-MM 0300F020N-MM 0300F040N-MM 0300F080N-MM 0400G020N-MM 0400G040N-MM 0400G080N-MM 0500H040N-MM 0500H080N-MM 0600J040N-MM 0600J080N-MM 0800K080N-MM 0800K120N-MM	2.0	0.2	20.7	19.1	●	●	●
				2.5	0.2	20.7	19.1	●	●	●
				3.0	0.2	20.7	19.1	●	●	●
				3.0	0.4	20.7	18.8	●	●	●
				3.0	0.8	20.7	18.5	●	●	●
				4.0	0.2	25.6	24.1	●	●	●
				4.0	0.4	25.6	23.8	●	●	●
				4.0	0.8	25.6	23.5	●	●	●
				5.0	0.4	25.6	23.8	●	●	●
				5.0	0.8	25.6	23.5	●	●	●
				6.0	0.4	25.6	23.8	●	●	●
				6.0	0.8	25.6	23.5	●	●	●
				8.0	0.4	30.5	29.0	●	●	●
				8.0	1.2	30.5	28.1	●	●	●

切削形态 Cutting Environment		● 稳定切削 Stable Cutting	● 一般切削 General Cutting	✘ 不稳定切削 Unstable Cutting
P	钢 Steel	●	●	✘
M	不锈钢 Stainless Steel	●	●	✘
K	铸铁 Iron	●	●	✘
N	铝/铜/镁/钛/塑料/木材 Aluminum/Copper/Magnesium/Zinc/Plastic/Wood	●	●	✘
S	硬质合金/粉末冶金 Carbide/Powder Metallurgy	●	●	✘
H	钛/高温合金/碳纤维 Titanium/Superalloy/Carbon Fiber	●	●	✘

用途 Application	尺寸标示 Dimensioning	产品图片 Product Image	规格型号 Specification	尺寸 Dimension				Y轴 CUTTING	Z轴 CUTTING	端面 CUTTING
				W	FE	L	B			
			GY2M 0200D100N-BM 0250E125N-BM 0300F150N-BM 0318F150N-BM 0400G200N-2M 0475H238N-BM 0500H200N-BM 0600J300N-BM 0635J318N-BM 0800K400N-BM	2.0	1.0	20.7	19.8	●	●	●
				2.5	1.2	20.7	19.3	●	●	●
				3.0	1.2	20.7	19.0	●	●	●
				3.0	1.6	20.7	18.8	●	●	●
				4.0	2.0	25.6	23.4	●	●	●
				4.75	2.38	25.6	22.8	●	●	●
				5.0	2.5	25.6	22.8	●	●	●
				6.0	3.0	25.6	22.9	●	●	●
				6.35	3.18	25.6	22.3	●	●	●
				8.0	4.0	30.5	28.5	●	●	●

WGE

切断加工
外圆内孔
端面切槽

切削形态 Cutting Environment		● 稳定切削 Stable Cutting	● 一般切削 General Cutting	✘ 不稳定切削 Unstable Cutting
P	钢 Steel	●	●	✘
M	不锈钢 Stainless Steel	●	●	✘
K	铸铁 Iron	●	●	✘
N	铝/铜/镁/钛/塑料/木材 Aluminum/Copper/Magnesium/Zinc/Plastic/Wood	●	●	✘
S	硬质合金/粉末冶金 Carbide/Powder Metallurgy	●	●	✘
H	钛/高温合金/碳纤维 Titanium/Superalloy/Carbon Fiber	●	●	✘

用途 Application	尺寸标示 Dimensioning	产品图片 Product Image	规格型号 Specification	尺寸 Dimension				Y轴 CUTTING	Z轴 CUTTING	端面 CUTTING
				W	FE	L	B			
			WGE 20 30 40 50	2.0	0.2	20	-	4.7	-	●
				3.0	0.2	20	-	5.5	-	●
				4.0	0.2	25	-	5.7	-	●
				5.0	0.2	25	-	5.9	-	●
				3.0	1.8	20	-	5.5	-	●
				4.0	2.0	25	-	5.7	-	●
				5.0	2.5	25	-	5.9	-	●
				3.0	1.8	20	-	5.5	-	●
				4.0	2.0	25	-	5.7	-	●
				5.0	2.5	25	-	5.9	-	●

切削形态 Cutting Environment		● 稳定切削 Stable Cutting	● 一般切削 General Cutting	✘ 不稳定切削 Unstable Cutting
P	钢 Steel	●	●	✘
M	不锈钢 Stainless Steel	●	●	✘
K	铸铁 Iron	●	●	✘
N	铝/铜/镁/钛/塑料/木材 Aluminum/Copper/Magnesium/Zinc/Plastic/Wood	●	●	✘
S	硬质合金/粉末冶金 Carbide/Powder Metallurgy	●	●	✘
H	钛/高温合金/碳纤维 Titanium/Superalloy/Carbon Fiber	●	●	✘

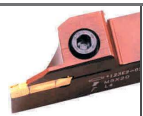
用途 Application	尺寸标示 Dimensioning	产品图片 Product Image	规格型号 Specification	尺寸 Dimension				Y轴 CUTTING	Z轴 CUTTING	端面 CUTTING
				W	FE	L	B			
			WGE 20R 30R 40R 50R	2.0	0.2	20	-	4.7	-	●
				3.0	0.2	20	-	5.5	-	●
				4.0	0.2	25	-	5.7	-	●
				5.0	0.2	25	-	5.9	-	●
				3.0	0.2	20	-	5.5	-	●
				4.0	0.2	25	-	5.7	-	●
				5.0	0.2	25	-	5.9	-	●
				3.0	0.2	20	-	5.5	-	●
				4.0	0.2	25	-	5.7	-	●
				5.0	0.2	25	-	5.9	-	●

DGHR GYHR																																																																																																																																																																																																																																										
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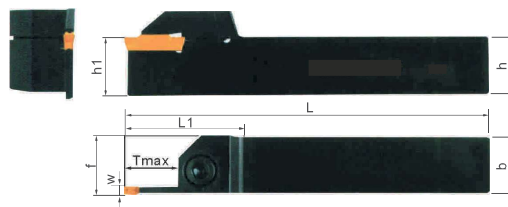
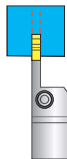
N123	外圆切槽
	内孔切槽

[illegible]

RF123



外径切槽/切断加工
External Cut-Off/Grooving



 刀片 (Inserts): **A39/B99** 零配件 (Toolholder Parts): **P01-P04**

刀把型号 Ordering code	尺寸 Dimensions										Stock		Order Number	Price (RMB)
	W	b	h	L	h1	f	Tmax				R	L		
R/L F123E	1010J-2T12	2	10	10	110	10	12		M4×16	T15	●	●	253610	300
	1212J-2T12	2	12	12	110	12	12				●	●	253612	300
	1616H-2T17	2	16	16	100	16	17		M5×20	L4	●	●	253614	260
	2020K-2T17	2	20	20	125	20	17				●	●	253616	300
	2525M-2T17	2	25	25	150	25	17				●	●	253618	350
R/L F123F	1616H-2.5T18	2.5	16	16	100	16	18	N123F2..	M5×20	L4	●	●	253620	260
	2020K-2.5T18	2.5	20	20	125	20	18				●	●	253622	300
	2525M-2.5T18	2.5	25	25	150	25	18				●	●	253624	350
R/L F123G	1616H-3T20	3	16	16	100	16	20	N123G2..	M5×20	L4	●	●	253626	260
	2020K-3T20	3	20	20	125	20	20				●	●	253628	300
	2525M-3T20	3	25	25	150	25	20				●	●	253630	350
R/L F123H	1616H-4T25	4	16	16	100	16	25	N123H2..	M5×20	L4	●	●	253632	260
	2020K-4T25	4	20	20	125	20	25				●	●	253634	300
	2525M-4T25	4	25	25	150	25	25				●	●	253636	350
R/L F123J	2020K-5T25	5	20	20	125	20	25	N123J2..	M5×20	L4	●	●	253638	300
	2525M-5T25	5	25	25	150	25	25				●	●	253640	350

A4.

切削线速度(Cutting Speed): m/min^{-1} (mm)

系列	材料类别 材料描述	PCD	UK	CEN-3	ZN60	ZN60	ZK01	ZC250	ZC251	ZC252	ZP152	ZP153	ZP163	ZK50	ZK60S
		铸钢类	铸铝类	铸铝类	铸铝类	铸铝类	铸铝类	CVD 铸件	CVD 铸件	CVD 铸件	铸铝类	铸铝类	铸铝类	CVD 铸件	铸铝类
P	铝锭				150-600	150-600		70-250	150-600	150-600	70-250	100-250	80-200		
	铝板				150-250	150-600		70-250	80-250	100-400	70-150	80-150	80-200		
	薄铝板 HR240-58		10-30												
M	不锈钢				200-300	200-350					50-150	70-150	50-200		
K	灰口铸铁		300-1500		100-300	100-350								200-300	200-350
	球墨铸铁/灰口		400-800		100-200	100-250								150-200	150-250
N	铸钢/塑料/木材	300-1200					300-1200								
	铜合金 HB50-70	300-1500					300-1500								
	薄板铝合金 HB70-110	300-800					300-400								
	铜/黄铜/黄铜	300-1000					300-1000								
S	镍基合金/粉末冶金	10-30					10-30						20-50		
	填充石墨/硬碳纤维	400-600					400-600								
H	钛/高温合金/康铜类	100-200					100-200				20-50	20-50	30-80		

切削形态										切削形态																													
Cutting Environment					● 稳定切削 Stable Cutting					● 一般切削 General Cutting					✖ 不稳定切削 Unstable Cutting					Cutting Environment					● 稳定切削 Stable Cutting					● 一般切削 General Cutting					✖ 不稳定切削 Unstable Cutting				
P	M	K	N	S	P	M	K	N	S	P	M	K	N	S	P	M	K	N	S	P	M	K	N	S	P	M	K	N	S	P	M	K	N	S					
钢	不锈钢	铁镍	铝/铜/镁/钛/木材	铸合金/粉末冶金	钢	不锈钢	铁镍	铝/铜/镁/钛/木材	铸合金/粉末冶金	钢	不锈钢	铁镍	铝/铜/镁/钛/木材	铸合金/粉末冶金	钢	不锈钢	铁镍	铝/铜/镁/钛/木材	铸合金/粉末冶金	钢	不锈钢	铁镍	铝/铜/镁/钛/木材	铸合金/粉末冶金	钢	不锈钢	铁镍	铝/铜/镁/钛/木材	铸合金/粉末冶金	钢	不锈钢	铁镍	铝/铜/镁/钛/木材	铸合金/粉末冶金					
Steel	Stainless Steel	Iron	Aluminum/Copper/Magnesium/Titanium/Plastic/Wood	Cast Alloy/ Powder Metallurgy	Steel	Stainless Steel	Iron	Aluminum/Copper/Magnesium/Titanium/Plastic/Wood	Cast Alloy/ Powder Metallurgy	Steel	Stainless Steel	Iron	Aluminum/Copper/Magnesium/Titanium/Plastic/Wood	Cast Alloy/ Powder Metallurgy	Steel	Stainless Steel	Iron	Aluminum/Copper/Magnesium/Titanium/Plastic/Wood	Cast Alloy/ Powder Metallurgy	Steel	Stainless Steel	Iron	Aluminum/Copper/Magnesium/Titanium/Plastic/Wood	Cast Alloy/ Powder Metallurgy	Steel	Stainless Steel	Iron	Aluminum/Copper/Magnesium/Titanium/Plastic/Wood	Cast Alloy/ Powder Metallurgy	Steel	Stainless Steel	Iron	Aluminum/Copper/Magnesium/Titanium/Plastic/Wood	Cast Alloy/ Powder Metallurgy					
钛	钛合金/碳纤维				钛	钛合金/碳纤维				钛	钛合金/碳纤维				钛	钛合金/碳纤维				钛	钛合金/碳纤维				钛	钛合金/碳纤维				钛	钛合金/碳纤维				钛	钛合金/碳纤维			
Titanium/Titanium Alloy/Carbon Fiber					Titanium/Titanium Alloy/Carbon Fiber					Titanium/Titanium Alloy/Carbon Fiber					Titanium/Titanium Alloy/Carbon Fiber					Titanium/Titanium Alloy/Carbon Fiber					Titanium/Titanium Alloy/Carbon Fiber				Titanium/Titanium Alloy/Carbon Fiber					Titanium/Titanium Alloy/Carbon Fiber				Titanium/Titanium Alloy/Carbon Fiber	

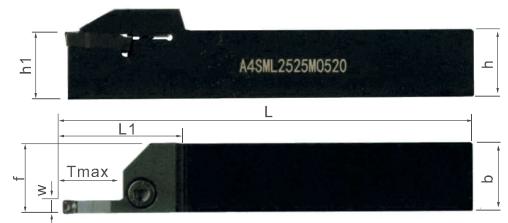
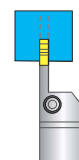
用途	尺寸标示	产品图片	规格型号	尺寸					PCD	CH	FE	L	S	PCD	CH	FE	L	S	PCD	CH	FE	L	S	PCD	CH	FE	L	S	PCD	CH	FE	L	S			
				W	FE	L	PCD	CH																										W	FE	L
A4G				2.05	0.25	20	12.7	1.5	12.7	1.5	2.05	0.25	20	12.7	1.5	12.7	1.5	2.05	0.25	20	12.7	1.5	12.7	1.5	2.05	0.25	20	12.7	1.5	12.7	1.5	2.05	0.25	20	12.7	1.5
				3.05	0.25	20	12.7	1.5	12.7	1.5	3.05	0.25	20	12.7	1.5	12.7	1.5	3.05	0.25	20	12.7	1.5	12.7	1.5	3.05	0.25	20	12.7	1.5	12.7	1.5	3.05	0.25	20	12.7	1.5
				4.05	0.25	20	12.7	1.5	12.7	1.5	4.05	0.25	20	12.7	1.5	12.7	1.5	4.05	0.25	20	12.7	1.5	12.7	1.5	4.05	0.25	20	12.7	1.5	12.7	1.5	4.05	0.25	20	12.7	1.5
				5.05	0.25	20	12.7	1.5	12.7	1.5	5.05	0.25	20	12.7	1.5	12.7	1.5	5.05	0.25	20	12.7	1.5	12.7	1.5	5.05	0.25	20	12.7	1.5	12.7	1.5	5.05	0.25	20	12.7	1.5
				6.05	0.25	20	12.7	1.5	12.7	1.5	6.05	0.25	20	12.7	1.5	12.7	1.5	6.05	0.25	20	12.7	1.5	12.7	1.5	6.05	0.25	20	12.7	1.5	12.7	1.5	6.05	0.25	20	12.7	1.5
				7.05	0.25	20	12.7	1.5	12.7	1.5	7.05	0.25	20	12.7	1.5	12.7	1.5	7.05	0.25	20	12.7	1.5	12.7	1.5	7.05	0.25	20	12.7	1.5	12.7	1.5	7.05	0.25	20	12.7	1.5
				8.05	0.25	20	12.7	1.5	12.7	1.5	8.05	0.25	20	12.7	1.5	12.7	1.5	8.05	0.25	20	12.7	1.5	12.7	1.5	8.05	0.25	20	12.7	1.5	12.7	1.5	8.05	0.25	20	12.7	1.5
				9.05	0.25	20	12.7	1.5	12.7	1.5	9.05	0.25	20	12.7	1.5	12.7	1.5	9.05	0.25	20	12.7	1.5	12.7	1.5	9.05	0.25	20	12.7	1.5	12.7	1.5	9.05	0.25	20	12.7	1.5
				10.05	0.25	20	12.7	1.5	12.7	1.5	10.05	0.25	20	12.7	1.5	12.7	1.5	10.05	0.25	20	12.7	1.5	12.7	1.5	10.05	0.25	20	12.7	1.5	12.7	1.5	10.05	0.25	20	12.7	1.5
				11.05	0.25	20	12.7	1.5	12.7	1.5	11.05	0.25	20	12.7	1.5	12.7	1.5	11.05	0.25	20	12.7	1.5	12.7	1.5	11.05	0.25	20	12.7	1.5	12.7	1.5	11.05	0.25	20	12.7	1.5

用途	尺寸标示	产品图片	规格型号	尺寸					PCD	CH	FE	L	S	PCD	CH	FE	L	S	PCD	CH	FE	L	S	PCD	CH	FE	L	S	PCD	CH	FE	L	S			
				W	FE	L	PCD	CH																										W	FE	L
A4R				2.05	1.1	20	12.7	1.5	12.7	1.5	2.05	1.1	20	12.7	1.5	12.7	1.5	2.05	1.1	20	12.7	1.5	12.7	1.5	2.05	1.1	20	12.7	1.5	12.7	1.5	2.05	1.1	20	12.7	1.5
				3.05	1.1	20	12.7	1.5	12.7	1.5	3.05	1.1	20	12.7	1.5	12.7	1.5	3.05	1.1	20	12.7	1.5	12.7	1.5	3.05	1.1	20	12.7	1.5	12.7	1.5	3.05	1.1	20	12.7	1.5
				4.05	1.1	20	12.7	1.5	12.7	1.5	4.05	1.1	20	12.7	1.5	12.7	1.5	4.05	1.1	20	12.7	1.5	12.7	1.5	4.05	1.1	20	12.7	1.5	12.7	1.5	4.05	1.1	20	12.7	1.5
				5.05	1.1	20	12.7	1.5	12.7	1.5	5.05	1.1	20	12.7	1.5	12.7	1.5	5.05	1.1	20	12.7	1.5	12.7	1.5	5.05	1.1	20	12.7	1.5	12.7	1.5	5.05	1.1	20	12.7	1.5
				6.05	1.1	20	12.7	1.5	12.7	1.5	6.05	1.1	20	12.7	1.5	12.7	1.5	6.05	1.1	20	12.7	1.5	12.7	1.5	6.05	1.1	20	12.7	1.5	12.7	1.5	6.05	1.1	20	12.7	1.5
				7.05	1.1	20	12.7	1.5	12.7	1.5	7.05	1.1	20	12.7	1.5	12.7	1.5	7.05	1.1	20	12.7	1.5	12.7	1.5	7.05	1.1	20	12.7	1.5	12.7	1.5	7.05	1.1	20	12.7	1.5
				8.05	1.1	20	12.7	1.5	12.7	1.5	8.05	1.1	20	12.7	1.5	12.7	1.5	8.05	1.1	20	12.7	1.5	12.7	1.5	8.05	1.1	20	12.7	1.5	12.7	1.5	8.05	1.1	20	12.7	1.5
				9.05	1.1	20	12.7	1.5	12.7	1.5	9.05	1.1	20	12.7	1.5	12.7	1.5	9.05	1.1	20	12.7	1.5	12.7	1.5	9.05	1.1	20	12.7	1.5	12.7	1.5	9.05	1.1	20	12.7	1.5
				10.05	1.1	20	12.7	1.5	12.7	1.5	10.05	1.1	20	12.7	1.5	12.7	1.5	10.05	1.1	20	12.7	1.5	12.7	1.5	10.05	1.1	20	12.7	1.5	12.7	1.5	10.05	1.1	20	12.7	1.5
				11.05	1.1	20	12.7	1.5	12.7	1.5	11.05	1.1	20	12.7	1.5	12.7	1.5	11.05	1.1	20	12.7	1.5	12.7	1.5	11.05	1.1	20	12.7	1.5	12.7	1.5	11.05	1.1	20	12.7	1.5

A4SMR



外径切槽/切断加工
External Cut-Off/Grooving



图示方向 (R) R-Type

 刀片 (Inserts): [A37/B100](#) 零配件 (Toolholder Parts): [P01-P04](#)

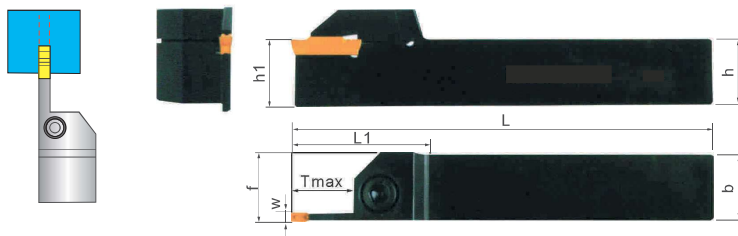
刀架型号 Ordering code	尺寸 Dimensions										Stock		Order Number	Price (RMB)
	W	b	h	L	h1	f	Tmax				R	L		
A4SM R/L 2020K0317	3	20	20	125	20	20.3	17	A4G0300M3... A4G0305M3...	M5×20	L4	●	●	253630	300
2525K0317	3	25	25	150	25	25.3	17				●	●	253632	350
3232P0317	3	32	32	170	32	32.3	17				●	●	253634	400
A4SM R/L 2020K0417	4	20	20	125	20	20.3	17	A4G0400M4... A4G0405M4...	M5×20	L4	●	●	253636	300
2525K0417	4	25	25	150	25	25.3	17				●	●	253638	350
3232P0417	4	32	32	170	32	32.3	17				●	●	253640	400
A4SM R/L 2020K0520	5	20	20	125	20	20.3	20	A4G0500M5... A4G0505M5...	M5×20	L4	●	●	253642	300
2525K0520	5	25	25	150	25	25.3	20				●	●	253644	350
3232P0520	5	32	32	170	32	32.3	20				●	●	253646	400
A4SM R/L 2525M0626	6	25	25	150	25	25.3	26	A4G0600M5... A4G0605M5...	M5×20	L4	●	●	253647	350
3232P0626	6	32	32	170	32	32.3	26				●	●	253648	400

[illegible]

DGTR



外径切槽/切断加工
External Cut-Off/Grooving



图示方向 (R) R-Type

 刀片 (Inserts): **A37/B101** 零配件 (Toolholder Parts): **P01-P04**

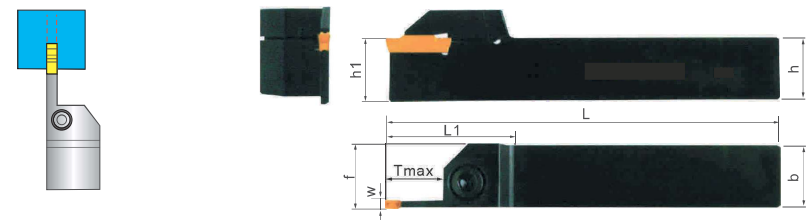
刀把型号 Ordering code	尺寸 Dimensions							刀片 Insert		螺丝 Screw		Stock		Order Number	Price (RMB)
	W	b	h	L	h1	f	Tmax					R	L		
DGTRL 10B-2030	2	10	10	125	10	10	30	DGN2..		M5X16	L4	●	○	253300	200
12B-2030	2	12	12	125	12	12	30	DGN2..				●	○	253302	200
16B-2032	2	16	16	125	16	16	32	DGN2..				●	○	253304	180
16B-3035	3	16	16	125	16	16	35	DGN3..				●	○	253306	180
20B-2035	2	20	20	125	20	20	35	DGN2..		M5X20	L4	●	○	253308	200
20B-3040	3	20	20	125	20	20	40	DGN3..				●	○	253310	200
25B-2035	2	25	25	150	25	25	35	DGN2..				●	○	253312	300
25B-3040	3	25	25	150	25	25	40	DGN3..				●	○	253314	300

切削形态: 				稳定切削 		一般切削 		不稳定切削 	
Cutting Environment				Stable Cutting		General Cutting		Unstable Cutting	
P	钢	Steel							   
M	不锈钢	Stainless Steel							
K	铸铁	Iron							
N	铝/铜/镁/锌/塑料/木材	Aluminum/Copper/Magnesium/Zinc/Plastic/Wood							
S	硬质合金/粉末冶金	Carbide/Powder Metallurgy							
H	钛/高温合金/碳纤维	Titanium/Superalloy/Carbon Fiber							
应用	尺寸标示	产品图片	规格型号	尺寸		Dimension		   	
用途	Dimensioning	Product Image	Specification	W	R	L	B		H
切削 切削槽 Grooving / Grooving			GCMN3004-4G	3.0	0.4	21.1	-	3.0	-
	4004-4G		4.0	0.5	26.4	-	4.0	-	
	5008-4G		5.0	0.8	38.0	-	5.0	-	
	6008-4G		6.0	0.8	38.0	-	6.0	-	
	7008-4G		7.0	0.8	38.0	-	7.0	-	
	8008-4G		8.0	0.2	28.7	6.0	8.0	-	

GNDLR



外径切槽/切断加工
External Cut-Off/Grooving



图示方向 (R) R-Type

 刀片 (Inserts): **A38/B102** 零配件 (Toolholder Parts): **P01-P04**

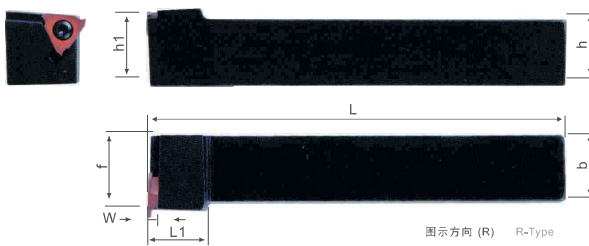
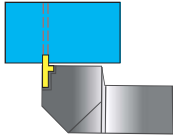
刀架型号 Ordering code	尺寸 Dimensions										Stock	Order Number	Price (RMB)
	W	b	h	L	h1	f	Tmax				R	L	
GNDL R/L 2020K-216 2525M-216 3232P-216	2	20	20	125	20	20.3	16	GCMN2002-GG	M6×20	L5		253650	300
	2	25	25	150	25	25.3	16					253652	350
	2	32	32	170	32	32.3	16					253654	400
GNDL R/L 2020K-320 2525M-320 3232P-320	3	20	20	125	20	20.3	20	GCMN3002-GG	M6×20	L5		253656	300
	3	25	25	150	25	25.3	20					253658	350
	3	32	32	170	32	32.3	20					253660	400
GNDL R/L 2020K-425 2525M-425 3232P-425	4	20	20	125	20	20.3	25	GCMN4002-GG	M6×20	L5		253662	300
	4	25	25	150	25	25.3	25					253664	350
	4	32	32	170	32	32.3	25					253666	400



Fig.2 圆弧槽刀



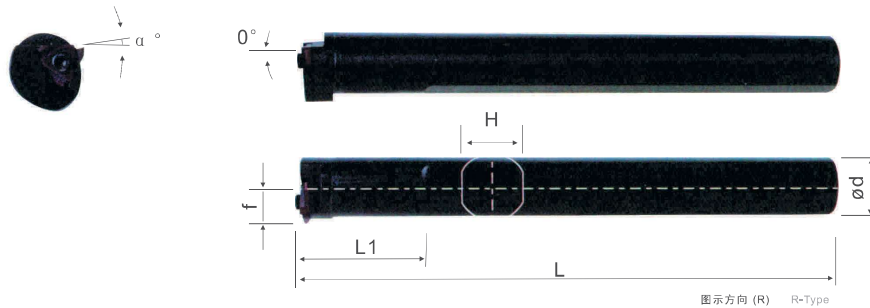
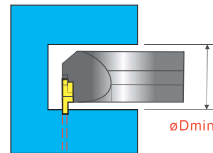
SGBSR

外径切槽加工
External Grooving

刀片 (Inserts): A26/B103 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions							刀片 Insert	螺丝 Screw	扳手 Wrench	Stock		Order Number	Price (RMB)
	W	b	h	L	L1	h1	f				R	L		
SGBSR/L 1616H32	0.5-2.5	16	16	100	22	16	20	GBA32R/L	M4×10	T15	●	●	255222	180
2020K32	0.5-2.5	20	20	125	26	20	25				●	●	255224	200
2525M32	0.5-2.5	25	25	150	26	25	32				●	●	255226	260
SGBSR/L 2020K43	1.25-4.5	20	20	125	26	20	25	GBA43R/L 125-450	M5×12	T20	●	●	255228	200
2525M43	1.25-4.5	25	25	150	26	25	32				●	●	255230	260

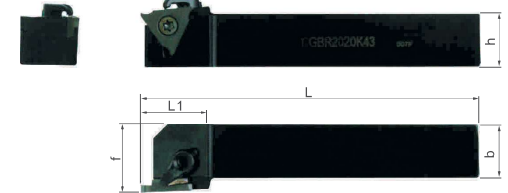
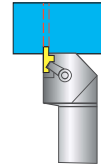
S..SGBR

外径切槽加工
External Grooving

刀片 (Inserts): A26/B103 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions							刀片 Insert	螺丝 Screw	扳手 Wrench	Stock		Order Number	Price (RMB)
	ϕD_{min}	d	f	L	L1	H	W				R	L		
S16N-SGBR/L16	20	16	11	160	30	15	0.3-3	GBA32L/R 32	M4×9	T15	●	●	256401	460
S20R-SGBR/L 32	24	20	12.8	200	40	19	0.3-3				●	●	256400	460
S25S-SGBR/L 32	29	25	15.3	250	40	23	0.3-3				●	●	256402	460
S32T-SGBR/L 43	40	32	21.5	300	50	30	1.5-5	GBA43L/R 43	M5×12	T20	●	●	256404	600

MGHR

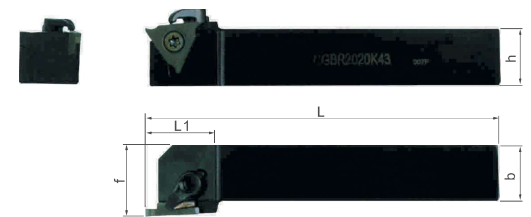
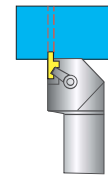
内孔切槽加工
Internal Grooving Processing

图示方向 (R) R-Type

零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions							刀片 Insert	压板 Clamp	螺丝 Screw	扳手 Wrench	Stock		Order Number	Price (RMB)
	W	b	h	L	L1	h1	f					R	L		
MGHR/L 2020K3315	1.25-2.3	20	20	125	17	20	20.2	MGTR/L33125 -33470	HL1808	M3.5×10 ML0520	T15 L2.5	●	●	254800	260
2020K3323	2.3-3.3	20	20	125	17	20	20.2					●	●	254802	260
2525M3315	1.25-2.3	25	25	150	17	25	25.2					●	●	254804	360
2525M3323	2.3-3.3	25	25	150	17	25	25.2					●	●	254806	360
2525M3333	3.3-4.7	25	25	150	17	25	25.2					●	●	254808	360
MGHR/L 2020K4315	1.25-2.3	20	20	125	26	20	20.2	MGTR/L43125 -43470	HL1808	M5×12 ML0520	T20 L2.5	●	●	254810	260
2020K4323	2.3-3.3	20	20	125	26	20	20.2					●	●	254812	260
2020K4333	3.3-4.7	20	20	125	26	20	20.2					●	●	254814	260
2525M4315	1.25-2.3	25	25	150	26	25	25.2					●	●	254816	360
2525M4323	2.3-3.3	25	25	150	26	25	25.2					●	●	254818	360
2525M4333	3.3-4.7	25	25	150	26	25	25.2					●	●	254820	360
2525M4447	4.7-6.3	25	25	150	26	25	25.2	MGTR/L44500-44600				●	●	254822	360

GWCR

外径切槽加工
External Grooving

图示方向 (R) R-Type

零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions							刀片 Insert	压板 Clamp	螺丝 Screw	扳手 Wrench	Stock		Order Number	Price (RMB)
	W	b	h	L	L1	h1	f					R	L		
GWCR R/L 1010-3	0.33-2.80	10	10	125	17	10	10	TGAR/L3033 -3280	HL1808	M3.5×10 ML0520	T15 L2.5	●	●	254906	300
1212-3	0.33-2.80	12	12	125	17	12	12					●	●	254908	300
1616-3	0.33-2.80	16	16	125	17	16	16					●	●	254910	260
2020-3	0.33-2.80	20	20	125	17	20	20					●	●	254912	260
2525-3	0.33-2.80	25	25	150	17	25	25					●	●	254914	320
GWCR R/L 2020-15	1.00-1.45	20	20	125	17	20	20	TGAR/L4125-4145 TGAR/L4150-4230 TGAR/L4250-4480 TGAR/L4125-4145 TGAR/L4150-4230 TGAR/L4250-4480	HL1808	M5×12 ML0520	T20 L2.5	●	●	254916	260
2020-25	1.50-2.30	20	20	125	17	20	20					●	●	254918	260
2020-35	2.50-4.80	20	20	125	17	20	20					●	●	254920	260
2525-15	1.00-1.45	25	25	150	17	25	25					●	●	254922	320
2525-25	1.50-2.30	25	25	150	17	25	25					●	●	254924	320
2525-35	2.50-4.80	25	25	150	17	25	25					●	●	254926	320

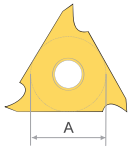
TGF
三角形
多功能
切槽刀片

Fig.1

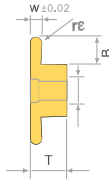


Fig.2 圆弧槽刀

切削状态:	稳定切削	一般切削	一般切削(第二推荐)	不稳定切削
Cutting Environment:	Stable Cutting	General Cutting	General Cutting (Second recommended)	Unstable Cutting
P 钢	●	●	●	●
M 不锈钢	●	●	●	●
K 铸铁	●	●	●	●
N 铝/铜/镁/塑料/木材	●	●	●	●
S 硬质合金/粉末冶金	●	●	●	●
H 钛/高温合金/碳纤维	●	●	●	●

用途	规格型号	尺寸 Dimension						刀片 厚度 mm	刀片 长度 mm	刀片 宽度 mm	刀片 重量 g	刀片 材料																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		W/mm	B	R	A	T	φd						Fig																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
车削 外圆	TGF32 % 030-005	0.30	0.05	0.05	9,525	3.18	4.5	Fig.1	2°			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

切削线速度 (Cutting Speed): m/min	PCD	CBN-K	CBN-S	ZM80	ZK01	ZM806	ZP15	ZM856
材料特性	金刚石	陶瓷涂层	陶瓷涂层	陶瓷涂层	陶瓷涂层	陶瓷涂层	陶瓷涂层	陶瓷涂层
底模钢	150-400	150-400	150-400	150-400	150-400	150-400	150-400	150-400
高模钢	150-400	150-400	150-400	150-400	150-400	150-400	150-400	150-400
淬硬钢 HRC44-58	10-30	10-30	10-30	10-30	10-30	10-30	10-30	10-30
不锈钢	300-1000	300-1000	300-1000	300-1000	300-1000	300-1000	300-1000	300-1000
灰口铸铁	300-1000	300-1000	300-1000	300-1000	300-1000	300-1000	300-1000	300-1000
球墨铸铁/轧辊	300-1000	300-1000	300-1000	300-1000	300-1000	300-1000	300-1000	300-1000
铝/铜/镁/塑料/木材	300-1000	300-1000	300-1000	300-1000	300-1000	300-1000	300-1000	300-1000
铝合金 HB70-110	300-1000	300-1000	300-1000	300-1000	300-1000	300-1000	300-1000	300-1000
淬硬铝合金 HB75-110	300-1000	300-1000	300-1000	300-1000	300-1000	300-1000	300-1000	300-1000
铝/铜/黄铜	300-1000	300-1000	300-1000	300-1000	300-1000	300-1000	300-1000	300-1000
硬质合金/粉末冶金	10-30	10-30	10-30	10-30	10-30	10-30	10-30	10-30
淬硬充塑料/碳纤维	400-600	400-600	400-600	400-600	400-600	400-600	400-600	400-600
钛/高温合金/碳纤维	100-200	100-200	100-200	100-200	100-200	100-200	100-200	100-200

切削状态:	稳定切削	一般切削	一般切削(第二推荐)	不稳定切削
Cutting Environment:	Stable Cutting	General Cutting	General Cutting (Second recommended)	Unstable Cutting
P 钢	●	●	●	●
M 不锈钢	●	●	●	●
K 铸铁	●	●	●	●
N 铝/铜/镁/塑料/木材	●	●	●	●
S 硬质合金/粉末冶金	●	●	●	●
H 钛/高温合金/碳纤维	●	●	●	●

用途	规格型号 Specification	尺寸 Dimension							刀尖 圆弧 半径 R	刀片 厚度 Z100 Z150 Z200 Z250 Z300 Z350 Z400 Z450 Z500 Z550 Z600 Z650 Z700 Z750 Z800 Z850 Z900 Z950 Z1000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		W _{min}	B	R	A	T	φd	Fig																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
切槽加工	TGF32%	1.00	2.2	0.50						●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	

代号说明:	T.1	T.2	T.3
Code Description	Feed of Grooving	Feed of Transverse Grooving	Depth of Transverse Grooving
用途	被加工材料	切削参数	Cutting Parameter
Specification	Processed Material	TGF 30%	TGF 30%
P 钢	Steel	0.01 - 0.02	0.01 - 0.02
M 不锈钢	Stainless Steel	0.01 - 0.02	0.01 - 0.02
K 铸铁	Iron	0.01 - 0.02	0.01 - 0.02
N 铝/铜/镁/塑料/木材	Aluminum/Copper/Magnesium/Zinc/Plastic/Wood	0.01 - 0.02	0.01 - 0.02
S 硬质合金/粉末冶金	Carbide/Powder Metallurgy	0.01 - 0.02	0.01 - 0.02
H 钛/高温合金/碳纤维	Titanium/Superalloy/Carbon Fiber	0.01 - 0.02	0.01 - 0.02

KTGFR

外径切槽加工
External Grooving

刀片 (Inserts): A25/B107 零配件 (Toolholder Parts): P01-P04

刀把型号	Ordering code	尺寸 Dimensions	刀片 Insert	螺丝 Screw	扳手 Wrench	Stock	Order Number	Price (RMB)
KTGFR/L1010F-16	0.33-2.5	10 10 80 18.5 10 12	TGF32R/L	M4×7	T15	●	255300	180
1212H-16	0.33-2.5	12 12 100 18.5 12 16	TGF32R/L	M4×7	T15	●	255302	160
1616H-16	0.33-2.5	16 16 100 18.5 16 20	TGF32R/L	M4×7	T15	●	255304	140
2020K-16	0.33-2.5	20 20 125 20 20 25	TGF32R/L	M4×7	T15	●	255306	160
2525M-16	0.33-2.5	25 25 150 20 25 32	TGF32R/L	M4×7	T15	●	255308	200
KTGFR/L0808H-16F	0.33-2.5	8 8 100 18.5 8 8	TGF32R/L	M4×7	T15	●	255310	200
1010K-16F	0.33-2.5	10 10 125 18.5 10 10	TGF32R/L	M4×7	T15	●	255312	180
1212K-16F	0.33-2.5	12 12 125 18.5 12 12	TGF32R/L	M4×7	T15	●	255314	160
1212M-16F	0.33-2.5	12 12 150 18.5 12 12	TGF32R/L	M4×7	T15	●	255316	160
1616K-16F	0.33-2.5	16 16 150 18.5 16 16	TGF32R/L	M4×7	T15	●	255318	160

KTGFSR

外径切槽加工
External Grooving

刀片 (Inserts): A25/B107 零配件 (Toolholder Parts): P01-P04

刀把型号	Ordering code	尺寸 Dimensions	刀片 Insert	螺丝 Screw	扳手 Wrench	Stock	Order Number	Price (RMB)
KTGFSR/L 1010H16	0.33-3.0	10 10 100 18.5 10 16	TGF32R/L	M4×7	T15	●	255319	200
1212H16	0.33-3.0	12 12 100 18.5 12 20	TGF32R/L	M4×7	T15	●	255321	200
1616H16	0.33-3.0	16 16 100 18.5 16 24	TGF32R/L	M4×7	T15	●	255320	200
2020K16	0.33-3.0	20 20 125 20 20 30	TGF32R/L	M4×7	T15	●	255322	230
2525M16	0.33-3.0	25 25 150 20 25 35	TGF32R/L	M4×7	T15	●	255324	260

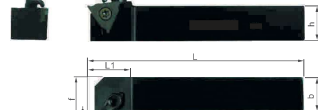
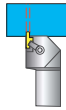
S.KTGFR

内孔切槽加工
Internal Grooving Processing

刀片 (Inserts): A25/B107 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions										Stock		Order Number	Price (RMB)
	øDmin	d	f	L	L1	H	W				R	L		
S16N-KTGFR/L16	20	16	11	160	30	15	0.3-3	TGFL/R 32	M4×9	T15	●	256410	460	
S20R-KTGFR/L16	24	20	12.8	200	40	19	0.3-3				●	256412	460	
S25S-KTGFR/L16	29	25	15.3	250	40	23	0.3-3				●	256414	460	
S32T-KTGFR/L43	40	32	21.5	300	50	30	1.5-5	TGFL/R 43	M5×12	T20	●	256416	600	
弹簧钢防震刀杆（防震效果>4倍柄径）														
Spring Steel Shock-Proof Toolholder (Shock-Proof Effect > 4 Times Toolholder Diameter)														
T-S16N-KTGFR/L16	21	16	11	160	30	15	0.3-3	TGFL/R 32	M4×9	T15	●	256420	460	
T-S20N-KTGFR/L16	25	20	12.8	180	40	19	0.3-3				●	256422	460	
T-S25S-KTGFR/L16	30	25	15.3	200	40	23	0.3-3				●	256426	460	

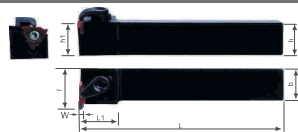
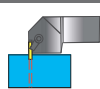
CTGFR

外径切槽加工
External Grooving

刀片 (Inserts): A25/B107 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions							刀片 Insert	压板 Clamp	螺丝 Screw	扳手 Wrench	Stock		Order Number	Price (RMB)
	W	b	h	L	L1	h1	f					R	L		
CTGFR/L1010F-16	0.33-2.5	10	10	80	18.5	10	12	TGF32R/L	HL1808	M4×7 ML0520	T15 L2.5	●	●	255100	220
1212H-16	0.33-2.5	12	12	100	18.5	12	16					●	●	255102	200
1616H-16	0.33-2.5	16	16	100	18.5	16	20					●	●	255104	180
2020K-16	0.33-2.5	20	20	125	20	20	25					●	●	255106	220
2525M-16	0.33-2.5	25	25	150	20	25	32					●	●	255108	260
无偏头 (自动车床背车用) Unbiased Head (for Automatic Lathe Back)															
CTGFR/L0808H-16F	0.33-2.5	8	8	100	18.5	8	8	TGF32R/L	HL1808	M4×7 ML0520	T15 L2.5	●	●	255110	260
1010K-16F	0.33-2.5	10	10	125	18.5	10	10					●	●	255112	220
1212K-16F	0.33-2.5	12	12	125	18.5	12	12					●	●	255114	200
1212M-16F	0.33-2.5	12	12	150	18.5	12	12					●	●	255116	200
1616K-16F	0.33-2.5	16	16	150	18.5	16	16					●	●	255118	180

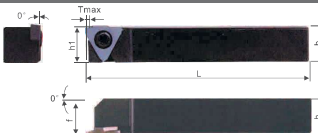
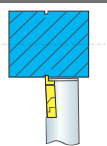
CTGFSR

外径切槽加工
External Grooving

刀片 (Inserts): A25/B107 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions							刀片 Insert	压板 Clamp	螺丝 Screw	扳手 Wrench	Stock		Order Number	Price (RMB)
	W	b	h	L	L1	h1	f					R	L		
CTGFSR/L1616H-16	0.33-2.5	16	16	100	18.5	16	20	TGF32R/L	HL1808	M4×7 ML0520	T15 L2.5	●	●	255120	200
2020K-16	0.33-2.5	20	20	125	20	20	25					●	●	255122	230
2525M-16	0.33-2.5	25	25	150	20	25	32					●	●	255124	260

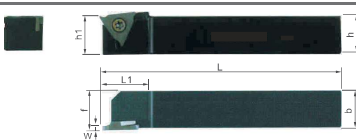
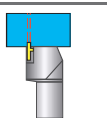
GTTR

外径切槽加工
External Grooving

零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions							刀片 Insert	螺丝 Screw	扳手 Wrench	Stock		Order Number	Price (RMB)
	W	b	h	L	L1	h1	f				R	L		
GTTR/L 08F00	0.33-3.0	8	8	80	3	8	8	GTM.32R/L..	M4×10	T15	●	●	255400	200
10F00	0.33-3.0	10	10	80	3	10	10				●	●	255402	200
12F00	0.33-3.0	12	12	100	3	12	12				●	●	255404	180
16F00	0.33-3.0	16	16	100	3	16	16				●	●	255406	180
20F00	0.33-3.0	20	20	120	3	20	20				●	●	255408	200
25F00	0.33-3.0	25	25	150	3	25	25				●	●	255410	250

JSTGR

外径切槽加工
External Grooving

零配件 (Toolholder Parts): P01-P04

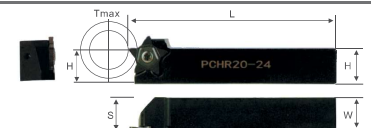
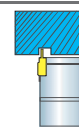
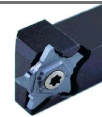
刀把型号 Ordering code	尺寸 Dimensions							刀片 Insert	螺丝 Screw	扳手 Wrench	Stock		Order Number	Price (RMB)
	W	b	h	L	L1	h1	f				R	L		
JSTGR/L 1010K3	0.33-3.0	10	10	125	18.5	10	10	JTGR/L3	M4×7	T15	●	●	255326	220
1212K3	0.33-3.0	12	12	125	18.5	12	12				●	●	255328	200
1616K3	0.33-3.0	16	16	125	18.5	16	16				●	●	255330	180

PENTA

切槽切断
五角经济
外圆加工

P	M	K	N	S	H	用途	尺寸标示 Dimensioning	规格型号 Specification	尺寸 Dimension							Stock	Order Number	Price (RMB)
									W	R	L	B	H	β	α			
●	●	●	●	●	●	●	●	●	0.33-2.5	10	10	80	18.5	10	12	●	●	255100
●	●	●	●	●	●	●	●	●	0.33-2.5	12	12	100	18.5	12	16	●	●	255102
●	●	●	●	●	●	●	●	●	0.33-2.5	16	16	100	18.5	16	20	●	●	255104
●	●	●	●	●	●	●	●	●	0.33-2.5	20	20	125	20	20	25	●	●	255106
●	●	●	●	●	●	●	●	●	0.33-2.5	25	25	150	20	25	32	●	●	255108
●	●	●	●	●	●	●	●	●	0.33-2.5	8	8	100	18.5	8	8	●	●	255110
●	●	●	●	●	●	●	●	●	0.33-2.5	10	10	125	18.5	10	10	●	●	255112
●	●	●	●	●	●	●	●	●	0.33-2.5	12	12	125	18.5	12	12	●	●	255114
●	●	●	●	●	●	●	●	●	0.33-2.5	12	12	150	18.5	12	12	●	●	255116
●	●	●	●	●	●	●	●	●	0.33-2.5	16	16	150	18.5	16	16	●	●	255118

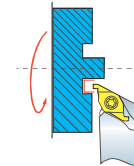
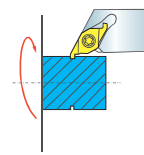
PCHR

外径切槽加工
External Grooving

刀片 (Inserts): A37/B110 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions					刀片 Insert	螺丝 Screw	扳手 Wrench	Stock		Order Number	Price (RMB)
	b	h	L	h1	f				R	L		
PCHR/L 16-24	16	16	100	26	16.6	PENTA24N239J015	M4.5×10	T20	●	●	255500	500
16-20	20	20	125	26	20.6				●	●	255502	500
16-25	25	25	150	26	25.5				●	●	255504	500

FVC 1604

外圆切槽
端面切槽
浅槽加工外圆切槽加工
Machining of outer circular groove端面切槽加工
End face grooving

SFVCR

外径切槽加工
External Grooving

刀片 (Inserts): B110 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions					刀片 Insert	螺丝 Screw	扳手 Wrench	Stock		Order Number	Price (RMB)
	b	h	L	h1	f				R	L		
SFVCR/L 2020K16	20	20	125	20	25	FVC1604..	M4×10	T15	●	●	255600	300
2525M16	25	25	150	25	32				●	●	255602	400

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SIGER

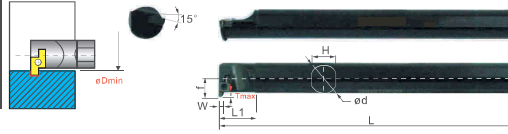


内孔切槽加工
Internal Grooving Processing

T..SIGER..



彈簧鋼
Spring Steel



 刀片 (Inserts): **A47-A48/B111-B112**

 零配件 (Toolholder Parts): **P01-P04**

图示方向 (R)

R-Type

刀把型号 Ordering code	Dmin Tmax		尺寸 Dimensions							刀片 Insert	螺丝 Screw	扳手 Wrench	Stock		Order Number	Price (RMB)
			ød	f	L1	L	H		R				L			
SIGE R/L 0606A-EH	6	1.5	6	3.8	20	100	4.5		GER/L..A/A/R	M2.0×4.5	T6	●	●	257601	300	
	0808A-EH	8	1.5	8	4.8	20	100	7.2				●	●	257600	220	
	1010B-EH	10	2.2	10	6.2	25	125	9	GER/L..B/B/R	M2.2×4	T7	●	●	257602	220	
	1210B-EH	12	2.2	10	7	30	125	9				●	●	257604	220	
SIGE R/L 1412C-EH	14	2.5	12	8	33	150	11.4		GER/L..C/CR/DM	M2.5×6	T8	●	●	257606	220	
	1612C-EH	16	2.5	12	8.5	20	150	11.4				●	●	257608	260	
	1616C-EH	16	2.5	16	9	36	160	15				●	●	257610	260	
SIGE R/L 2020D-EH	20	4.5	20	12.1	40	180	19		GER/L..D/DR/DM	M3.0×8	T10	●	●	257612	280	
SIGE R/L 2525E-EH	25	6.5	25	15.6	45	200	24		GER/L..E/ER/DM	M4.0×8	T15	●	●	257614	380	
3323E-EH	32	6.5	32	19	55	220	30.4					●	●	257616	260	
4032E-EH	40	6.5	32	23	45	250	30.4					●	●	257618	460	
彈簧鋼防震刀杆 (防震效果>4倍徑徑) Spring Steel Shock-Proof Toolholder (Shock-Proof Effect > 4 Times Toolholder Diameter)																
T-SIGE R/L 0808A-EH	8	1.5	8	4.8	20	100	7.2		GER/L..B/B/R	M2.2×4	T7	●	●	257630	220	
1010B-EH	10	2.2	10	6.2	25	125	9					●	●	257632	220	
1210B-EH	12	2.2	10	7	30	125	9					●	●	257634	220	
1212B-EH	12	2.2	12	7	30	150	11.4					●	●	257636	220	
T-SIGE R/L 1412C-EH	14	2.5	12	8	33	150	11.4		GER/L..C/CR/DM	M2.5×6	T8	●	●	257638	260	
	1612C-EH	16	2.5	12	8.5	20	150	11.4				●	●	257640	260	
	1616C-EH	16	2.5	16	9	36	160	15				●	●	257642	260	
T-SIGE R/L 2020D-EH	20	4.5	20	12.1	40	180	19		GER/L..D/DR/DM	M3.0×8	T10	●	●	257644	280	
2525D-EH	25	4.5	25	15.6	45	200	24					●	●	257646	360	
T-SIGE R/L 2520E-EH	25	6.5	20	16	40	180	19		GER/L..E/ER/DM	M4.0×8	T15	●	●	257648	280	
2525E-EH	25	6.5	25	16	45	200	24					●	●	257650	360	



车削刀柄

CSV 凸轮车床刀具

DS 刀柄

正面排刀

Y轴刀柄

前车削

后车削

小径切槽 切断 螺纹

小孔加工

滚花 车花

焊接车刀 夹头

外圆车削

内孔车削

螺纹车削

切槽 切断

端面切槽

切屑形态: Cutting Environment		● 稳定切削 Stable Cutting	● 一般切削 General Cutting	✖ 不稳定切削 Unstable Cutting
P	钢 Steel	●	●	✖
M	不锈钢 Stainless Steel	●	●	✖
K	铸铁 Iron	●	●	✖
N	铝/铜/钛/镍/塑料/木材 Aluminum/Copper/Magnesium/Zinc/Plastic/Wood	●	●	✖
S	硬质合金/粉末冶金 Carbide/Powder Metallurgy	●	●	✖
H	钛/高温合金/碳纤维 Titanium/Superalloy/Carbon Fiber	●	●	✖

用途 Dimensioning	产品图 Product Image	规格型号 Specification	尺寸 Dimension										
			W	B	A	L	H	φD	φD1	φD2	φD3	φD4	
切屑形态: Cutting Environment		6GR 100 150 200	1.0 1.5 2.0	1.5		5.56	U(4)	2.34	2.3		●	●	●
		7GR 100 150 200	1.0 1.5 2.0	1.5	5.56	7.36	3.08	2.58			●	●	●
		8GR 100 150 200 250 350	1.0 1.5 2.0 2.5 3.0	1.5		5.56	10.2	3.67	2.58		●	●	●
		9GR 100 150 200 250 350	1.0 1.5 2.0 2.5 3.0	1.5	6.3	12.1	4.86	2.88			●	●	●
		15GR 100 150 200 250 350 400 450 500	1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5	1.5		9.2	20.9	5.1	4.8		●	●	●

STFPR

外径切槽加工
External Grooving

刀片 (Inserts): A21-A22 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions							刀片 Insert	螺丝 Screw	扳手 Wrench	图示方向 (R) R-Type		
	b=h1	h	L	Dmin	Dmax	Tmax	f				Stock	Order Number	Price (RMB)
TPA0920R/L 33-20/80	20	20	125	20	80	33	21	TP..0902..	M2.5×6	T8	●	255610	400
35-40/160	20	20	125	40	160	35	21				●	255611	400
37-70/800	20	20	125	70	800	37	21				●	255612	400
TPA0925R/L 33-20/80	25	25	150	20	80	33	26				●	255613	400
35-40/160	25	25	150	40	160	35	26				●	255614	400
37-70/800	25	25	150	70	800	37	26				●	255615	400
TPA1120R/L 33-20/80	20	20	125	20	80	33	21	TP..1103..	M3×8	T10	●	255616	400
38-40/160	20	20	125	40	160	38	21				●	255617	400
40-70/800	20	20	125	70	800	40	21				●	255618	400
TPA1125R/L 33-20/80	25	25	150	20	80	33	26				●	255619	400
38-40/160	25	25	150	40	160	38	26				●	255620	400
40-70/800	25	25	150	70	800	40	26				●	255621	400

SSACN

外径切槽加工
External Grooving

刀片 (Inserts): A20 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions							刀片 Insert	螺丝 Screw	扳手 Wrench	图示方向 (R) R-Type		
	b=h1	h	L	Dmin	Dmax	Tmax	f				Stock	Order Number	Price (RMB)
SSACN 2020K09-R35	20	20	125	80	500	35	10	SC..09T3..	M4×10	T15	●	255625	400
2525M09-R40	25	25	150	80	500	40	12.5				●	255626	400

C..Q.DR

轮毂铝材仿形加工
Profile Copying of Aluminum Wheel Hub

刀片 (Inserts): A41 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions				刀片 Insert	螺丝 Screw	扳手 Wrench	图示方向 (R) R-Type		
	øDmin	ød	S	L1				Stock	Order Number	Price (RMB)
C40T-QLDR/L65-15A	160	40	21	300	65	ZRLD08-LH	M6×20	●	255630	1000
C40T-QLDR/L80-15A	160	40	21	300	80			●	255631	1000
C50U-QLDR/L80-15A	160	50	26	350	80			●	255632	1200
C40T-QKDR/L60-15A	160	40	21	300	60	ZRKD06-LH	M6×20	●	255633	1000
C40T-QKDR/L75-15A	160	40	21	300	75			●	255634	1000
C50U-QKDR/L75-15A	160	50	26	350	75			●	255635	1200

CBSNR

外圆倒角加工
External Chamfering

零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions					刀片 Insert	压板 Clamp	螺丝 Screw	扳手 Wrench	图示方向 (R) R-Type		
	h	b	L	L1	f					Stock	Order Number	Price (RMB)
CBSNR/L 2020K12	20	20	125	32	20	SNMF1204	CP-RCR	M6×20	L5	●	255650	500
2525M12	25	25	150	32	25					●	255652	600

MFHR

内孔端面槽加工
Machining of End Face Grooving of Inner Hole

刀片 (Inserts): A35-A36/B87/B124 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions							刀片 Insert	螺丝 Screw	扳手 Wrench	图示方向 (R) R-Type		
	øDmin	ød	f	L	H	Dmin	Dmax				Stock	Order Number	Price (RMB)
MFH216R/L 06-20/140	6	16	8.3	160	14.8	20	140	MGMN200.. MGMN200.. MRMN200..	M4×10	L3	●	255660	300
08-20/140	8	16	8.3	160	14.8	20	140				●	255661	300
MFH220R/L 06-25/140	6	20	10.3	180	18.4	26	140	MGMN200.. MGMN200.. MRMN200..	M5×12	L4	●	255662	300
08-25/140	8	20	10.3	180	18.4	26	140				●	255663	300
MFH225R/L 06-25/140	6	25	12.8	200	23.4	28	140	MGMN200.. MGMN200.. MRMN200..	M5×16	L4	●	255664	400
08-25/140	8	25	12.8	200	23.4	28	140				●	255665	400
MFH316R/L 06-20/140	6	16	8.3	160	14.8	20	140	MGMN300.. MGMN300.. MRMN300..	M4×10	L3	●	255666	300
08-20/140	8	16	8.3	160	14.8	20	140				●	255667	300
MFH320R/L 06-25/140	6	20	10.3	180	18.4	26	140	MGMN300.. MGMN300.. MRMN300..	M5×12	L4	●	255668	300
08-25/140	8	20	10.3	180	18.4	26	140				●	255669	300
10-25/140	10	20	10.3	180	18.4	26	140	MGMN300.. MGMN300.. MRMN300..	M5×16	L4	●	255670	300
MFH325R/L 06-25/140	6	25	12.8	200	23.4	28	140				●	255671	400
08-25/140	8	25	12.8	200	23.4	28	140	MGMN300.. MGMN300.. MRMN300..	M5×16	L4	●	255672	400
10-25/140	10	25	12.8	200	23.4	28	140				●	255673	400
MFH332R/L 06-32/200	6	32	16.3	250	30	35	200	MGMN300.. MGMN300.. MRMN300..	M6×20	L5	●	255674	600
08-32/200	8	32	16.3	250	30	35	200				●	255675	600
10-32/200	10	32	16.3	250	30	35	200	MGMN300.. MGMN300.. MRMN300..	M6×20	L5	●	255676	600
MFH420R/L 08-25/140	8	20	10.3	180	18.4	26	140				●	255677	300
10-25/140	10	20	10.3	180	18.4	26	140	MGMN400.. MGMN400.. MRMN400..	M5×12	L4	●	255678	300
12-25/140	12	20	10.3	180	18.4	26	140				●	255679	300
MFH425R/L 08-25/140	8	25	12.8	200	23.4	28	140	MGMN400.. MGMN400.. MRMN400..	M5×16	L4	●	255680	400
10-25/140	10	25	12.8	200	23.4	28	140				●	255681	400
12-25/140	12	25	12.8	200	23.4	28	140	MGMN400.. MGMN400.. MRMN400..	M5×16	L4	●	255682	400
MFH432R/L 08-32/200	8	32	16.3	250	30	35	200				●	255683	600
10-32/200	10	32	16.3	250	30	35	200	MGMN400.. MGMN400.. MRMN400..	M6×20	L5	●	255684	600
12-32/200	12	32	16.3	250	30	35	200				●	255685	600
MFH440R/L 08-40/500	8	40	20.3	300	38	41	500	MGMN400.. MGMN400.. MRMN400..	M8×25	L6	●	255686	1000
10-40/500	10	40	20.3	300	38	41	500				●	255687	1000
12-40/500	12	40	20.3	300	38	41	500	MGMN400.. MGMN400.. MRMN400..	M8×25	L6	●	255688	1000
MFH540R/L 15-40/500	15	40	20.3	300	38	41	500				●	255689	1200

VC
1604内孔切槽
端面切槽
浅槽加工

用途 Application	尺寸标示 Dimensioning	规格型号 Specification	尺寸 Dimension							备注 Remarks
			W	FE	T	B	H	Ø		
切槽加工 Grooving		FVC1604R 100	1.0	0.05	3.5	3.0	20.0	7.4	7°	●
		150	1.5	0.1	5.0	3.5	20.0	7.4	7°	●
		200	2.0	0.1	5.1	3.5	20.0	7.4	7°	●
		250	2.5	0.2	4.5	4.5	20.0	7.4	7°	●
		300	3.0	0.2	4.5	4.5	20.0	7.4	7°	●

SGIVFR

内孔端面槽加工
Machining of End Face Grooving of Inner Hole

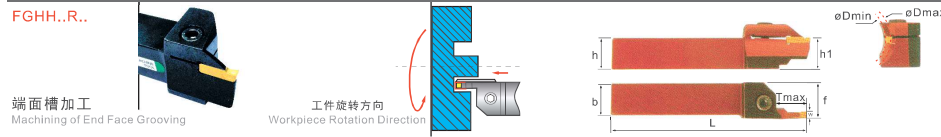
刀片 (Inserts): B118 零配件 (Toolholder Parts): P01-P04

刀把型号 Ordering code	尺寸 Dimensions									Stock		Order Number	Price (RMB)	
	øDmin	ød	f	L1	L	H				R	L			
SGIVFR 16N16	17	16	8	30	160	14.8	VC1604R..	M4×10	T15	●	●	255690	200	
	20Q16	21	20	10	30	180				18.4	●	●	255691	250
	25R16	26	25	12.5	30	200				23.4	●	●	255692	300
弹簧钢防震刀杆 (防震效果>4倍柄径) Spring Steel Shock-Proof Toolholder (Shock-Proof Effect > 4 Times Toolholder Diameter)														
T-SGIVFR 10K11	11	10	5.5	12	125	9	VC1103R..	M2.5×6	T8	●	●	255693	200	
	12M11	13	12	6.5	12	150				11	●	●	255694	200
	16N16	17	16	8.5	20	160	14.8	VC1604R..	M4×10	T15	●	●	255695	250
	20Q16	21	20	10.5	20	180	18.4				●	●	255696	300
	25R16	26	25	13	20	200	23.4				●	●	255697	400

FG 切断加工
内孔切槽
端面切槽

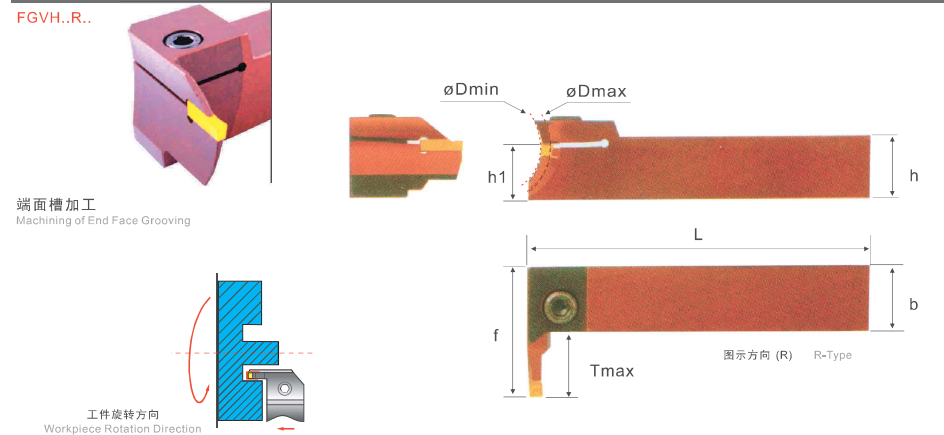
用途 Application	尺寸标示	产品图片 Product Image	规格型号 Specification	尺寸 Dimension						材料 Material
	Dimensioning			W	F	L	B	H	G	
端面切槽加工 End face grooving			FMM 300R-03 400R-04 500R-04	3.0	0.3	15.0	2.0	3.91	-	● ● ●
	4.0			0.4	15.0	3.0	3.98	-		
	5.0			0.4	15.0	4.0	4.62	-		

用途	尺寸标示	产品图片	规格型号	尺寸 Dimension					材料
用途	Dimensioning	Product Image	Specification	W	F	L	B	H	G
端面切槽工 Bottom face grooving			FGD 300R-03	3.0	0.3	15.0	2.0	4.0	-
	400R-04		4.0	0.4	15.0	3.0	4.5	-	
	500R-04		5.0	0.4	15.0	4.0	5.0	-	
端面切槽工 Bottom face grooving			FGM 300R-03	3.0	0.3	15.0	2.0	4.0	-
	400R-04		4.0	0.4	15.0	3.0	4.5	-	
	500R-04		5.0	0.4	15.0	4.0	5.0	-	



刀片 (Inserts): A35/B119 零配件 (Toolholder Parts): P01-P04

刀架型号 Ordering code	尺寸 Dimensions	刀片 Insert	螺丝 Screw	扳手 Wrench	Stock	Order Number	Price (RMB)
刀架型号	尺寸	刀片	螺丝	扳手	库存	订货号	价格
刀架型号	尺寸	刀片	螺丝	扳手	库存	订货号	价格
FGHH320R/L-	25/30 30/35 35/48 48/60 60/75 75/100 100/140	25 30 30 35 35 48 48 60 60 75 75 100 100 140	20.6 20.6 20.6 20.6 20.6 20.6 20.6	20 20 20 20 20 20 20	125 125 125 125 125 125 125	12 12 12 12 12 12 12	600 600 600 600 600 600 600
FGHH325R/L-	25/30 30/35 35/48 48/60 60/75 75/100 100/140	25 30 30 35 35 48 48 60 60 75 75 100 100 140	25.6 25.6 25.6 25.6 25.6 25.6 25.6	25 25 25 25 25 25 25	150 150 150 150 150 150 150	12 12 12 12 12 12 12	760 760 760 760 760 760 760
FGHH420R/L-	25/30 30/35 35/48 48/60 60/75 75/100 100/140	25 30 30 35 35 48 48 60 60 75 75 100 100 140	20.6 20.6 20.6 20.6 20.6 20.6 20.6	20 20 20 20 20 20 20	125 125 125 125 125 125 125	12 12 12 12 12 12 12	600 600 600 600 600 600 600
FGHH425R/L-	25/30 30/35 35/48 48/60 60/75 75/100 100/140	25 30 30 35 35 48 48 60 60 75 75 100 100 140	25.6 25.6 25.6 25.6 25.6 25.6 25.6	25 25 25 25 25 25 25	150 150 150 150 150 150 150	12 12 12 12 12 12 12	760 760 760 760 760 760 760
FGHH520R/L-	25/30 30/35 35/48 40/48 48/60 60/75 75/100 100/140	25 30 30 35 35 40 40 48 48 60 60 75 75 100 100 140	20.6 20.6 20.6 20.6 20.6 20.6 20.6 20.6	20 20 20 20 20 20 20 20	125 125 125 125 125 125 125 125	12 12 12 12 12 12 12 12	600 600 600 600 600 600 600 600
FGHH525R/L-	25/30 30/35 35/48 40/48 48/60 60/75 75/100 100/140	25 30 30 35 35 40 40 48 48 60 60 75 75 100 100 140	25.6 25.6 25.6 25.6 25.6 25.6 25.6 25.6	25 25 25 25 25 25 25 25	150 150 150 150 150 150 150 150	12 12 12 12 12 12 12 12	760 760 760 760 760 760 760 760



刀片 (Inserts): A35/B119 零配件 (Toolholder Parts): P01-P04

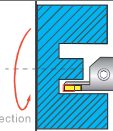
刀架型号 Ordering code	尺寸 Dimensions	刀片 Insert	螺丝 Screw	扳手 Wrench	Stock	Order Number	Price (RMB)
刀架型号	尺寸	刀片	螺丝	扳手	库存	订货号	价格
刀架型号	尺寸	刀片	螺丝	扳手	库存	订货号	价格
FGVH320R/L-	25/30 30/35 35/48 48/60 60/75 75/100 100/140	25 30 30 35 35 48 48 60 60 75 75 100 100 140	36.5 36.5 36.5 36.5 36.5 36.5 36.5	20 20 20 20 20 20 20	125 125 125 125 125 125 125	12 12 12 12 12 12 12	800 800 800 800 800 800 800
FGVH325R/L-	25/30 30/35 35/48 48/60 60/75 75/100 100/140	25 30 30 35 35 48 48 60 60 75 75 100 100 140	41 41 41 41 41 41 41	25 25 25 25 25 25 25	150 150 150 150 150 150 150	12 12 12 12 12 12 12	950 950 950 950 950 950 950
FGVH420R/L-	25/30 30/35 35/48 48/60 60/75 75/100 100/140	25 30 30 35 35 48 48 60 60 75 75 100 100 140	36.5 36.5 36.5 36.5 36.5 36.5 36.5	20 20 20 20 20 20 20	125 125 125 125 125 125 125	12 12 12 12 12 12 12	800 800 800 800 800 800 800
FGVH425R/L-	25/30 30/35 35/48 48/60 60/75 75/100 100/140	25 30 30 35 35 48 48 60 60 75 75 100 100 140	41 41 41 41 41 41 41	25 25 25 25 25 25 25	150 150 150 150 150 150 150	12 12 12 12 12 12 12	950 950 950 950 950 950 950
FGVH520R/L-	25/30 30/35 35/48 40/48 48/60 60/75 75/100 100/140	25 30 30 35 35 40 40 48 48 60 60 75 75 100 100 140	36.5 36.5 44.5 44.5 49.5 49.5 49.5 49.5	20 20 20 20 20 20 20 20	125 125 125 125 125 125 125 125	12 12 12 12 12 12 12 12	800 800 800 800 800 800 800 800
FGVH525R/L-	25/30 30/35 35/48 40/48 48/60 60/75 75/100 100/140	25 30 30 35 35 40 40 48 48 60 60 75 75 100 100 140	41 41 41 41 41 41 41 41	25 25 25 25 25 25 25 25	150 150 150 150 150 150 150 150	12 12 12 12 12 12 12 12	950 950 950 950 950 950 950 950

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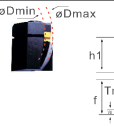
MGFHRR



端面槽加工
Machining of End Face Grooving



工件旋转方向
Workpiece Rotation Direction



ϕD_{min} ϕD_{max}
 h T_{max}
 f L



图示方向 (R) R-Type

刀架型号 Ordering code	尺寸 Dimensions						刀片 Insert	螺丝 Screw	扳手 Wrench	图示方向 (R) R-Type				
	ϕD_{min}	ϕD_{max}	f	$b=h1$	h	L				T_{max}	Stock	Order Number	Price (RMB)	
MGFHRR 320-	24/35-T10	24	35	20.6	20	20	125	10	MFMN300..	M6×20	L5	●	261600	800
	29/40-T10	29	40	20.6	20	20	125	10				●	261602	800
	34/50-T10	34	50	20.6	20	20	125	10				●	261604	800
	44/70-T10	44	70	20.6	20	20	125	10				●	261606	800
	64/69-T10	64	99	20.6	20	20	125	10				●	261608	800
	325-24/35-T10	24	35	25.6	25	25	150	10				●	261610	900
	325-29/40-T10	29	40	25.6	25	25	150	10				●	261612	900
	325-34/50-T10	34	50	25.6	25	25	150	10				●	261614	900
325-44/70-T10	44	70	25.6	25	25	150	10	●	261616	900				
325-64/69-T10	64	99	25.6	25	25	150	10	●	261618	900				
MGFHRR 420-	62/120-T15	62	120	20.6	20	20	125	15	MGMN400..	M6×20	L5	●	261620	800
	112/200-T15	112	200	20.6	20	20	125	15				●	261622	800
	425-62/120-T15	62	120	25.6	25	25	150	15				●	261624	900
	425-112/200-T15	112	200	25.6	25	25	150	15				●	261626	900

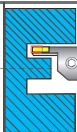
MGFHELL



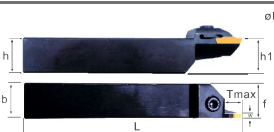
端槽加工
Machining of End Face Grooving

刀片 (Inserts): A35/B121 零配件 (Toolholder Parts): P01-P04

工件旋转方向
Workpiece Rotation Direction



图示方向 (R) R-Type



刀架型号 Ordering code	尺寸 Dimensions						刀片 Insert	螺丝 Screw	扳手 Wrench	Stock Order Number Price (RMB)			
	øDmin	øDmax	f	b=h1	h	Tmax				R	L	Order Number	Price (RMB)
MGFHELL 320-	24/35-T10	24	35	20.6	20	125	10	MFMN300..	M6×20	L5	●	261650	800
	29/40-T10	29	40	20.6	20	125	10				●	261652	800
	34/50-T10	34	50	20.6	20	125	10				●	261654	800
	44/70-T10	44	70	20.6	20	125	10				●	261656	800
	64/69-T10	64	99	20.6	20	125	10				●	261658	800
	24/35-T10	24	35	25.6	25	150	10				●	261660	900
	29/40-T10	29	40	25.6	25	150	10				●	261662	900
	34/50-T10	34	50	25.6	25	150	10				●	261664	900
	44/70-T10	44	70	25.6	25	150	10				●	261666	900
	64/69-T10	64	99	25.6	25	150	10				●	261668	900
MGFHELL 420-	62/120-T15	62	120	20.6	20	125	15	MGMN400..	M6×20	L5	●	261670	800
	112/200-T15	112	200	20.6	20	125	15				●	261672	800
	62/120-T15	62	120	25.6	25	150	15				●	261674	900
	112/200-T15	112	200	25.6	25	150	15				●	261676	900

The diagram illustrates the MGFHLR End Face Grooving Machine. On the left, a 3D perspective view shows the machine with a black body and a yellow/orange insert. Below it, the text '端面槽加工' (End Face Grooving) and 'Machining of End Face Grooving' are provided. In the center, a red curved arrow indicates the '工件旋转方向' (Workpiece Rotation Direction) and 'Workpiece Rotation Direction'. To the right, a cross-sectional diagram shows the workpiece with dimensions: ϕD_{min} , ϕD_{max} , h_1 , h , f , T_{max} , and L . Below this, a side view shows the workpiece with dimensions L and b . At the bottom left, a red icon of a tool holder is shown with the text '刀片 (Inserts): A35/B121' and '零配件 (Toolholder Parts): P01~P04'. At the bottom right, the text '图示方向 (R)' (Diagram Direction (R)) and 'R-Type' are shown.

MGFVR

端面槽加工
Machining of End Face Grooving

工件旋转方向
Workpiece Rotation Direction

刀片 (Inserts): A35/B121 零配件 (Toolholder Parts): P01-P04

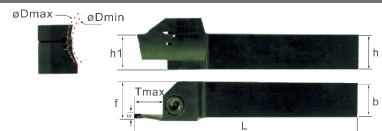
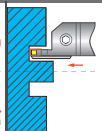
图示方向 (R) R-Type

Diagram illustrating the MGFVR (Machining of Grooved Face by Vertical Rotation) process. It shows a cross-section of a workpiece with a rectangular groove. Key dimensions labeled include: ϕD_{min} (minimum diameter), ϕD_{max} (maximum diameter), h_1 (groove depth), L (groove length), h (total height), b (width), f (feed), and T_{max} (maximum tool travel). The diagram also shows the tool holder and the rotating workpiece.

Z.. 切断加工
外圆内孔
端面切槽

用途 Application	尺寸标示 Dimensioning	产品图片 Product Image	规格型号 Specification	尺寸 Dimension				材料 Material	备注 Remarks
				W	FE	L	B		
外圆切槽加工 Outer Grooving			ZTED 02503-MG 0303-MG 0404-MG 0504-MG 0608-MG	2.5	0.3	17	17	17-17	●
				3.0	0.3	17	17	17-17	●
				4.0	0.4	22	22	22-22	●
				5.0	0.4	22	22	22-22	●
内孔切槽加工 Inner Grooving			ZRED 0254-MG 034-MG 044-MG 054-MG 064-MG	2.5	1.25	17.5	17.5	17.5-17.5	●
				3.0	1.5	17	17	17-17	●
				4.0	2.0	21	21	21-21	●
				5.0	2.5	26	26	26-26	●

QF..R..

工件旋转方向
Workpiece Rotation Direction端面槽加工
Machining of End Face Grooving

刀片 (Inserts): A41/B123 零配件 (Toolholder Parts): P01-P04

图示方向 (R) R-Type

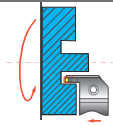
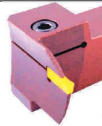
刀把型号 Ordering code	尺寸 Dimensions				刀片 Insert	螺丝 Screw	扳手 Wrench	Stock		Order Number	Price (RMB)
	øDmin	øDmax	f	b=h1				R	L		
QFFD 2020R/L 7-48H	48	66	21	20	20	125	7	●	●	263532	600
10-48H	48	66	21	20	20	125	10	●	●	263534	600
7-60H	60	80	21	20	20	125	7	●	●	263540	600
10-60H	60	80	21	20	20	125	10	●	●	263542	600
7-74H	74	100	21	20	20	125	7	●	●	263548	600
10-74H	74	100	21	20	20	125	10	●	●	263550	600
7-100H	100	150	21	20	20	125	7	●	●	263556	600
10-100H	100	150	21	20	20	125	10	●	●	263558	600
2525R/L 10-48H	48	66	26	25	25	150	10	●	●	263536	800
17-48H	48	66	26	25	25	150	17	●	●	263538	800
10-60H	60	80	26	25	25	150	10	●	●	263544	800
17-60H	60	80	26	25	25	150	17	●	●	263546	800
10-74H	74	100	26	25	25	150	10	●	●	263552	800
17-74H	74	100	26	25	25	150	17	●	●	263554	800
10-100H	100	150	26	25	25	150	10	●	●	263560	800
17-100H	100	150	26	25	25	150	17	●	●	263562	800
QFGD 2020R/L 10-52H	52	72	21	20	20	125	10	●	●	263564	600
13-52H	52	72	21	20	20	125	13	●	●	263566	600
10-64H	64	100	21	20	20	125	10	●	●	263572	600
13-64H	64	100	21	20	20	125	13	●	●	263574	600
10-90H	90	140	21	20	20	125	10	●	●	263580	600
13-90H	90	140	21	20	20	125	13	●	●	263582	600
10-130H	130	230	21	20	20	125	10	●	●	263588	600
13-130H	130	230	21	20	20	125	13	●	●	263590	600
2525R/L 15-52H	52	72	26	25	25	150	15	●	●	263568	800
22-52H	52	72	26	25	25	150	22	●	●	263570	800
15-64H	64	100	26	25	25	150	15	●	●	263576	800
22-64H	64	100	26	25	25	150	22	●	●	263578	800
15-90H	90	140	26	25	25	150	15	●	●	263584	800
22-90H	90	140	26	25	25	150	22	●	●	263586	800
15-130H	130	230	26	25	25	150	15	●	●	263592	800
22-130H	130	230	26	25	25	150	22	●	●	263594	800
QFHD 2525R/L 13-58H	58	96	26	25	25	150	13	●	●	263500	800
22-58H	58	96	26	25	25	150	22	●	●	263502	800
13-86H	86	140	26	25	25	150	13	●	●	263504	800
22-86H	86	140	26	25	25	150	22	●	●	263506	800
13-130H	130	200	26	25	25	150	13	●	●	263508	800
22-130H	130	200	26	25	25	150	22	●	●	263510	800
13-185H	185	400	26	25	25	150	13	●	●	263512	800
22-185H	185	400	26	25	25	150	22	●	●	263514	800
QFHS 2525R/L 30-185H	185	400	26	25	25	150	30	●	●	263516	950
QFKD 2525R/L 13-60H	60	100	26	25	25	150	13	●	●	263518	800
22-60H	60	100	26	25	25	150	22	●	●	263520	800
13-88H	88	180	26	25	25	150	13	●	●	263522	800
22-88H	88	180	26	25	25	150	22	●	●	263524	800
13-160H	160	400	26	25	25	150	13	●	●	263526	800
22-160H	160	400	26	25	25	150	22	●	●	263528	800
QFKS 2525R/L 30-160H	160	400	26	25	25	150	30	●	●	263530	950

MG 切断加工
内孔切槽
端面切槽

切削线速度 (Cutting Speed): m/min														
材料 Material	PCD 合金钢	CBN-K 陶瓷涂层 陶瓷材料	CBN-S 陶瓷涂层 陶瓷材料	ZN60 无涂层 高速钢	ZN90 无涂层 高速钢	ZK01 新涂层 CVD 涂层	ZC250 CVD 涂层 CVD 涂层	ZC251 CVD 涂层 CVD 涂层	ZC325 CVD 涂层 CVD 涂层	ZP152 CVD 涂层 CVD 涂层	ZP153 CVD 涂层 CVD 涂层	ZP163 CVD 涂层 CVD 涂层	ZK50 CVD 涂层 CVD 涂层	ZK50S CVD 涂层 CVD 涂层
P 不锈钢				150-400	150-400		70-200	150-400	150-400	70-200	100-250	80-200		
M 铁基合金				150-350	150-350		70-200	80-350	100-400	70-150	80-150	80-200		
K 钛合金				100-300	100-300		70-200	80-350	100-400	70-150	80-150	80-200		
N 铝/铜/钛/塑料/木材				100-300	100-300		70-200	80-350	100-400	70-150	80-150	80-200		
S 镍基合金/粉末冶金				100-300	100-300		70-200	80-350	100-400	70-150	80-150	80-200		
H 钛/高合金/碳纤维				100-300	100-300		70-200	80-350	100-400	70-150	80-150	80-200		

切削形态 (Cutting Shape)														
材料 Material	PCD 合金钢	CBN-K 陶瓷涂层 陶瓷材料	CBN-S 陶瓷涂层 陶瓷材料	ZN60 无涂层 高速钢	ZN90 无涂层 高速钢	ZK01 新涂层 CVD 涂层	ZC250 CVD 涂层 CVD 涂层	ZC251 CVD 涂层 CVD 涂层	ZC325 CVD 涂层 CVD 涂层	ZP152 CVD 涂层 CVD 涂层	ZP153 CVD 涂层 CVD 涂层	ZP163 CVD 涂层 CVD 涂层	ZK50 CVD 涂层 CVD 涂层	ZK50S CVD 涂层 CVD 涂层
P 不锈钢				150-400	150-400		70-200	150-400	150-400	70-200	100-250	80-200		
M 铁基合金				150-350	150-350		70-200	80-350	100-400	70-150	80-150	80-200		
K 钛合金				100-300	100-300		70-200	80-350	100-400	70-150	80-150	80-200		
N 铝/铜/钛/塑料/木材				100-300	100-300		70-200	80-350	100-400	70-150	80-150	80-200		
S 镍基合金/粉末冶金				100-300	100-300		70-200	80-350	100-400	70-150	80-150	80-200		
H 钛/高合金/碳纤维				100-300	100-300		70-200	80-350	100-400	70-150	80-150	80-200		

MGFV..R..



端面槽加工

Machining of End Face Grooving

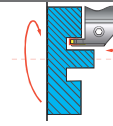
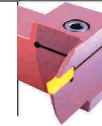
工件旋转方向
Workpiece Rotation Direction

图示方向 (R) R-Type

刀片 (Inserts): A35-A36 零配件 (Toolholder Parts): P01-P04

刀架型号 Ordering code	尺寸 Dimensions							刀片 Insert 	螺丝 Screw 	扳手 Wrench 	Stock		Order Number	Price (RMB)	
	øDmin	øDmax	f	b=h1	h	L	Tmax				R	L			
MGFV220R	10-20/36	20	36	30.5	20	20	125	10	MGMN200.. MGGN200.. MRMN200..	M5×20	L4	●	●	265000	600
	10-30/50	30	50	30.5	20	20	125	10				●	●	265002	600
	10-50/80	50	80	30.5	20	20	125	10				●	●	265004	600
	10-80/160	80	160	30.5	20	20	125	10				●	●	265006	600
	10-160/400	160	400	30.5	20	20	125	10				●	●	265008	600
	15-200/800	200	800	35.5	20	20	125	15				●	●	265010	600
MGFV225R	10-20/36	20	36	35.5	25	25	150	10	MGMN200.. MGGN200.. MRMN200..	M5×20	L4	●	●	265012	800
	10-30/50	30	50	35.5	25	25	150	10				●	●	265014	800
	10-50/80	50	80	35.5	25	25	150	10				●	●	265016	800
	10-80/160	80	160	35.5	25	25	150	10				●	●	265018	800
	10-160/400	160	400	35.5	25	25	150	10				●	●	265020	800
	15-200/800	200	800	40.5	25	25	150	15				●	●	265022	800
MGFV2.5-20R	10-20/36	20	36	30.5	20	20	125	10	MGMN250.. MGGN250.. MRMN250..	M5×20	L4	●	●	265024	600
	10-30/50	30	50	30.5	20	20	125	10				●	●	265026	600
	15-50/80	50	80	35.5	20	20	125	15				●	●	265028	600
	15-80/160	80	160	35.5	20	20	125	15				●	●	265030	600
	15-160/400	160	400	35.5	20	20	125	15				●	●	265032	600
	15-200/800	200	800	35.5	20	20	125	15				●	●	265034	600
MGFV2.5-25R	10-20/36	20	36	35.5	25	25	150	10	MGMN250.. MGGN250.. MRMN250..	M5×20	L4	●	●	265036	800
	10-30/50	30	50	35.5	25	25	150	10				●	●	265038	800
	15-50/80	50	80	40.5	25	25	150	15				●	●	265040	800
	15-80/160	80	160	40.5	25	25	150	15				●	●	265042	800
	15-160/400	160	400	40.5	25	25	150	15				●	●	265044	800
	15-200/800	200	800	40.5	25	25	150	15				●	●	265046	800
MGFV320R	15-20/36	20	36	35.5	20	20	125	15	MGMN300.. MGGN300.. MRMN300..	M5×20	L4	●	●	265048	600
	15-30/50	30	50	35.5	20	20	125	15				●	●	265050	600
	15-50/80	50	80	35.5	20	20	125	15				●	●	265052	600
	15-80/160	80	160	35.5	20	20	125	15				●	●	265054	600
	15-160/400	160	400	35.5	20	20	125	15				●	●	265056	600
	15-200/800	200	800	35.5	20	20	125	15				●	●	265058	600
MGFV325R	15-20/36	20	36	40.5	25	25	150	15	MGMN300.. MGGN300.. MRMN300..	M5×20	L4	●	●	265060	800
	15-30/50	30	50	40.5	25	25	150	15				●	●	265062	800
	15-50/80	50	80	40.5	25	25	150	15				●	●	265064	800
	15-80/160	80	160	40.5	25	25	150	15				●	●	265066	800
	15-160/400	160	400	40.5	25	25	150	15				●	●	265068	800
	15-200/800	200	800	40.5	25	25	150	15				●	●	265070	800
MGFV420R	15-20/36	20	36	35.5	20	20	125	15	MGMN400.. MGGN200.. MRMN200..	M5×20	L4	●	●	265072	600
	15-30/50	30	50	35.5	20	20	125	15				●	●	265074	600
	15-50/80	50	80	35.5	20	20	125	15				●	●	265076	600
	15-80/160	80	160	35.5	20	20	125	15				●	●	265078	600
	15-160/400	160	400	35.5	20	20	125	15				●	●	265080	600
	15-200/800	200	800	35.5	20	20	125	15				●	●	265082	600
MGFV425R	15-20/36	20	36	40.5	25	25	150	15	MGMN400.. MGGN400.. MRMN400..	M5×20	L4	●	●	265084	800
	15-30/50	30	50	40.5	25	25	150	15				●	●	265086	800
	15-50/80	50	80	40.5	25	25	150	15				●	●	265088	800
	15-80/160	80	160	40.5	25	25	150	15				●	●	265090	800
	15-160/400	160	400	40.5	25	25	150	15				●	●	265092	800
	15-200/800	200	800	40.5	25	25	150	15				●	●	265094	800
MGFV520R	15-30/50	30	50	35.5	20	20	125	15	MGMN500.. MGGN500.. MRMN500..	M5×20	L4	●	●	265096	600
	15-50/80	50	80	35.5	20	20	125	15				●	●	265098	600
	15-80/160	80	160	35.5	20	20	125	15				●	●	265100	600
	15-160/400	160	400	35.5	20	20	125	15				●	●	265102	600
	15-200/800	200	800	35.5	20	20	125	15				●	●	265104	600
	15-30/50	30	50	40.5	25	25	150	15				●	●	265106	800
MGFV525R	15-30/50	30	50	40.5	25	25	150	15	MGMN500.. MGGN500.. MRMN500..	M5×20	L4	●	●	265108	800
	15-50/80	50	80	40.5	25	25	150	15				●	●	265110	800
	15-80/160	80	160	40.5	25	25	150	15				●	●	265112	800
	15-160/400	160	400	40.5	25	25	150	15				●	●	265114	800
	15-200/800	200	800	40.5	25	25	150	15				●	●	265114	800
	15-200/800	200	800	40.5	25	25	150	15				●	●	265114	800

MGFV..L..



端面槽加工

Machining of End Face Grooving

工件旋转方向
Workpiece Rotation Direction

图示方向 (R) R-Type

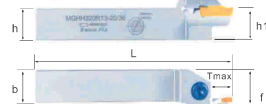
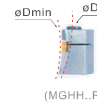
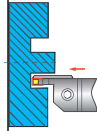
刀片 (Inserts): A35-A36 零配件 (Toolholder Parts): P01-P04

刀架型号 Ordering code	尺寸 Dimensions							刀片 Insert 	螺丝 Screw 	扳手 Wrench 	Stock		Order Number	Price (RMB)	
	øDmin	øDmax	f	b=h1	h	L	Tmax				R	L			
MGFV220L	10-20/36	20	36	30.5	20	20	125	10	MGMN200.. MGGN200.. MRMN200..	M5×20	L4	●	●	265116	600
	10-30/50	30	50	30.5	20	20	125	10				●	●	265118	600
	10-50/80	50	80	30.5	20	20	125	10				●	●	265120	600
	10-80/160	80	160	30.5	20	20	125	10				●	●	265122	600
	10-160/400	160	400	30.5	20	20	125	10				●	●	265124	600
	15-200/800	200	800	35.5	20	20	125	15				●	●	265126	600
MGFV225L	10-20/36	20	36	35.5	25	25	150	10	MGMN200.. MGGN200.. MRMN200..	M5×20	L4	●	●	265128	800
	10-30/50	30	50	35.5	25	25	150	10				●	●	265130	800
	10-50/80	50	80	35.5	25	25	150	10				●	●	265132	800
	10-80/160	80	160	35.5	25	25	150	10				●	●	265134	800
	10-160/400	160	400	35.5	25	25	150	10				●	●	265136	800
	15-200/800	200	800	40.5	25	25	150	15				●	●	265138	800
MGFV2.5-20L	10-20/36	20	36	30.5	20	20	125	10	MGMN250.. MGGN250.. MRMN250..	M5×20	L4	●	●	265140	600
	10-30/50	30	50	30.5	20	20	125	10				●	●	265142	600
	15-50/80	50	80	35.5	20	20	125	15				●	●	265144	600
	15-80/160	80	160	35.5	20	20	125	15				●	●	265146	600
	15-160/400	160	400	35.5	20	20	125	15				●	●	265148	600
	15-200/800	200	800	35.5	20	20	125	15				●	●	265150	600
MGFV2.5-25L	10-20/36	20	36	35.5	25	25	150	10	MGMN250.. MGGN250.. MRMN250..	M5×20	L4	●	●	265152	800
	10-30/50	30	50	35.5	25	25	150	10				●	●	265154	800
	15-50/80	50	80	40.5	25	25	150	15				●	●	265156	800
	15-80/160	80	160	40.5	25	25	150	15				●	●	265158	800
	15-160/400	160	400	40.5	25	25	150	15				●	●	265160	800
	15-200/800	200	800	40.5	25	25	150	15				●	●	265162	800
MGFV320L	15-20/36	20	36	35.5	20	20	125	15	MGMN300.. MGGN300.. MRMN300..	M5×20	L4	●	●	265164	600
	15-30/50	30	50	35.5	20	20	125	15				●	●	265166	600
	15-50/80	50	80	35.5	20	20	125	15				●	●	265168	600
	15-80/160	80	160	35.5	20	20	125	15				●	●	265170	600
	15-160/400	160	400	35.5	20	20	125	15				●	●	265172	600
	15-200/800	200	800	35.5	20	20	125	15				●	●	265174	600
MGFV325L	15-20/36	20	36	40.5	25	25	150	15	MGMN300.. MGGN300.. MRMN300..	M5×20	L4	●	●	265176	800
	15-30/50	30	50	40.5	25	25	150	15				●	●	265178	800
	15-50/80	50	80	40.5	25	25	150	15				●	●	265180	800
	15-80/160	80	160	40.5	25	25	150	15				●	●	265182	800
	15-160/400	160	400	40.5	25	25	150	15				●	●	265184	800
	15-200/800	200	800	40.5	25	25	150	15				●	●	265186	800
MGFV420L	15-20/36	20	36	35.5	20	20	125	15	MGMN400.. MGGN200.. MRMN200..	M5×20	L4	●	●	265188	600
	15-30/50	30	50	35.5	20	20	125	15				●	●	265190	600
	15-50/80	50	80	35.5	20	20	125	15				●	●	265192	600
	15-80/160	80	160	35.5	20	20	125	15				●	●	265194	600
	15-160/400	160	400	35.5	20	20	125	15				●	●	265196	600
	15-200/800	200	800	35.5	20	20	125	15				●	●	265198	600
MGFV425L	15-20/36	20	36	40.5	25	25	150	15	MGMN400.. MGGN400.. MRMN400..	M5×20	L4	●	●	265200	800
	15-30/50	30	50	40.5	25	25	150	15				●	●	265202	800
	15-50/80	50	80	40.5	25	25	150	15				●	●	265204	800
	15-80/160	80	160	40.5	25	25	150	15				●	●	265206	800
	15-160/400	160	400	40.5	25	25	150	15				●	●	265208	800
	15-200/800	200	800	40.5	25	25	150	15				●	●	265210	800
MGFV520L	15-30/50	30	50	35.5	20	20	125	15	MGMN500.. MGGN500.. MRMN500..	M5×20	L4	●	●	265212	600
	15-50/80	50	80	35.5	20	20	125	15				●	●	265214	600
	15-80/160	80	160	35.5	20	20	125	15				●	●	265216	600
	15-160/400	160	400	35.5	20	20	125	15				●	●	265218	600
	15-200/800	200	800	35.5	20	20	125	15				●	●	265220	600
	MGFV525L	15-30/50	30	50	40.5	25	25	150				15	MGMN500.. MGGN500.. MRMN500..	M5×20	L4
15-50/80		50	80	40.5	25	25	150	15	●	●	265224	800			
15-80/160		80	160	40.5	25	25	150	15	●	●	265226	800			
15-160/400		160	400	40.5	25	25	150	15	●	●	265228	800			
15-200/800		200	800	40.5	25	25	150	15	●	●	265230	800			

MGHH..R..

端面槽加工
Machining of End Face Grooving

工件旋转方向
Workpiece Rotation Direction



图示方向 (R) R-Type

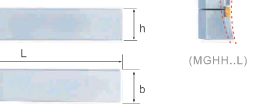
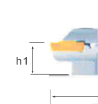
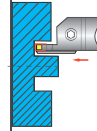
刀片 (Inserts): A35-A36 零配件 (Toolholder Parts): P01-P04

刀架型号 Ordering code	尺寸 Dimensions							刀片 Insert 	螺栓 Screw 	扳手 Wrench 	Stock R L	Order Number	Price (RMB)		
	øDmin	øDmax	f	b=h1	h	L	Tmax								
MGHH216R	08-20/36	20	36	17	16	16	100	8	MGMN200.. MGGN200.. MRMN200..	M5×20	L4	●	●	265232	600
	10-30/50	30	50	17	16	16	100	10				●	●	265234	600
	12-50/80	50	80	17	16	16	100	12				●	●	265236	600
	13-80/160	80	160	17	16	16	100	13				●	●	265238	600
	14-160/400	160	400	17	16	16	100	14				●	●	265240	600
	15-200/800	200	800	17	16	16	100	15				●	●	265242	600
MGHH220R	08-20/36	20	36	21	20	20	125	8	MGMN200.. MGGN200.. MRMN200..	M5×20	L4	●	●	265244	600
	10-30/50	30	50	21	20	20	125	10				●	●	265246	600
	12-50/80	50	80	21	20	20	125	12				●	●	265248	600
	13-80/160	80	160	21	20	20	125	13				●	●	265250	600
	14-160/400	160	400	21	20	20	125	14				●	●	265252	600
	15-200/800	200	800	21	20	20	125	15				●	●	265254	600
MGHH225R	08-20/36	20	36	26	25	25	150	8	MGMN200.. MGGN200.. MRMN200..	M5×20	L4	●	●	265256	800
	10-30/50	30	50	26	25	25	150	10				●	●	265258	800
	12-50/80	50	80	26	25	25	150	12				●	●	265260	800
	13-80/160	80	160	26	25	25	150	13				●	●	265262	800
	14-160/400	160	400	26	25	25	150	14				●	●	265264	800
	15-200/800	200	800	26	25	25	150	15				●	●	265266	800
MGHH2.5-20R	13-20/36	20	36	21	20	20	125	13	MGMN250.. MGGN250.. MRMN250..	M5×20	L4	●	●	265268	600
	15-30/50	30	50	21	20	20	125	15				●	●	265270	600
	16-50/80	50	80	21	20	20	125	16				●	●	265272	600
	17-80/160	80	160	21	20	20	125	17				●	●	265274	600
	18-160/400	160	400	21	20	20	125	18				●	●	265276	600
	20-200/800	200	800	21	20	20	125	20				●	●	265278	600
MGHH2.5-25R	13-20/36	20	36	26	25	25	150	13	MGMN250.. MGGN250.. MRMN250..	M5×20	L4	●	●	265280	800
	15-30/50	30	50	26	25	25	150	15				●	●	265282	800
	16-50/80	50	80	26	25	25	150	16				●	●	265284	800
	17-80/160	80	160	26	25	25	150	17				●	●	265286	800
	18-160/400	160	400	26	25	25	150	18				●	●	265288	800
	20-200/800	200	800	26	25	25	150	20				●	●	265290	800
MGHH320R	13-20/36	20	36	21	20	20	125	13	MGMN300.. MGGN300.. MRMN300..	M5×20	L4	●	●	265292	500
	15-30/50	30	50	21	20	20	125	15				●	●	265294	500
	16-50/80	50	80	21	20	20	125	16				●	●	265296	500
	17-80/160	80	160	21	20	20	125	17				●	●	265298	500
	18-160/400	160	400	21	20	20	125	18				●	●	265300	500
	20-200/800	200	800	21	20	20	125	20				●	●	265302	500
MGHH325R	13-20/36	20	36	26	25	25	150	13	MGMN300.. MGGN300.. MRMN300..	M5×20	L4	●	●	265304	700
	15-30/50	30	50	26	25	25	150	15				●	●	265306	700
	16-50/80	50	80	26	25	25	150	16				●	●	265308	700
	17-80/160	80	160	26	25	25	150	17				●	●	265310	700
	18-160/400	160	400	26	25	25	150	18				●	●	265312	700
	20-200/800	200	800	26	25	25	150	20				●	●	265314	700
MGHH420R	15-20/36	20	36	21	20	20	125	15	MGMN400.. MGGN400.. MRMN400..	M5×20	L4	●	●	265316	600
	16-30/50	30	50	21	20	20	125	16				●	●	265318	600
	18-50/80	50	80	21	20	20	125	18				●	●	265320	600
	20-80/160	80	160	21	20	20	125	20				●	●	265322	600
	22-160/400	160	400	21	20	20	125	22				●	●	265324	600
	23-200/800	200	800	21	20	20	125	23				●	●	265326	600
MGHH425R	15-20/36	20	36	26	25	25	150	15	MGMN400.. MGGN400.. MRMN400..	M5×20	L4	●	●	265328	800
	16-30/50	30	50	26	25	25	150	16				●	●	265330	800
	18-50/80	50	80	26	25	25	150	18				●	●	265332	800
	20-80/160	80	160	26	25	25	150	20				●	●	265334	800
	22-160/400	160	400	26	25	25	150	22				●	●	265336	800
	23-200/800	200	800	26	25	25	150	23				●	●	265338	800
MGHH520R	17-30/50	30	50	21	20	20	125	17	MGMN500.. MGGN500.. MRMN500..	M5×20	L4	●	●	265340	700
	22-50/80	50	80	21	20	20	125	22				●	●	265342	700
	26-80/160	80	160	21	20	20	125	26				●	●	265344	700
	28-160/400	160	400	21	20	20	125	28				●	●	265346	700
	30-200/800	200	800	21	20	20	125	30				●	●	265348	700
	17-30/50	30	50	26	25	25	150	17				MGMN500.. MGGN500.. MRMN500..	M5×20	L4	●
22-50/80	50	80	26	25	25	150	22	●	●	265352	900				
26-80/160	80	160	26	25	25	150	26	●	●	265354	900				
28-160/400	160	400	26	25	25	150	28	●	●	265356	900				
30-200/800	200	800	26	25	25	150	30				●	●	265358	900	

MGHH..L..

端面槽加工
Machining of End Face Grooving

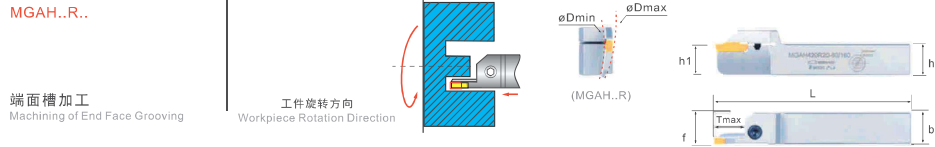
工件旋转方向
Workpiece Rotation Direction



图示方向 (R) R-Type

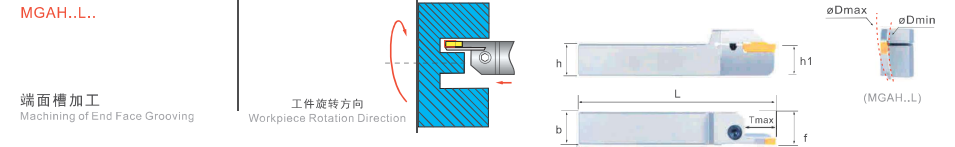
刀片 (Inserts): A35-A36 零配件 (Toolholder Parts): P01-P04

刀架型号 Ordering code	尺寸 Dimensions							刀片 Insert 	螺丝 Screw 	扳手 Wrench 	Stock		Order Number	Price (RMB)	
	øDmin	øDmax	f	b=h1	h	L	Tmax				R	L			
MGHH216L	08-20/36	20	36	17	16	16	100	8	MGMN200... MGGN200... MRMN200...	M5×20	L4	●	●	265360	600
	10-30/50	30	50	17	16	16	100	10				●	●	265362	600
	12-50/80	50	80	17	16	16	100	12				●	●	265364	600
	13-80/160	80	160	17	16	16	100	13				●	●	265366	600
	14-160/400	160	400	17	16	16	100	14				●	●	265368	600
	15-200/800	200	800	17	16	16	100	15				●	●	265370	600
MGHH220L	08-20/36	20	36	21	20	20	125	8	MGMN200... MGGN200... MRMN200...	M5×20	L4	●	●	265372	600
	10-30/50	30	50	21	20	20	125	10				●	●	265374	600
	12-50/80	50	80	21	20	20	125	12				●	●	265376	600
	13-80/160	80	160	21	20	20	125	13				●	●	265378	600
	14-160/400	160	400	21	20	20	125	14				●	●	265380	600
	15-200/800	200	800	21	20	20	125	15				●	●	265382	600
MGHH225L	08-20/36	20	36	26	25	25	150	8	MGMN200... MGGN200... MRMN200...	M5×20	L4	●	●	265384	800
	10-30/50	30	50	26	25	25	150	10				●	●	265386	800
	12-50/80	50	80	26	25	25	150	12				●	●	265388	800
	13-80/160	80	160	26	25	25	150	13				●	●	265390	800
	14-160/400	160	400	26	25	25	150	14				●	●	265392	800
	15-200/800	200	800	26	25	25	150	15				●	●	265394	800
MGHH2.5-20L	13-20/36	20	36	21	20	20	125	13	MGMN250... MGGN250... MRMN250...	M5×20	L4	●	●	265396	600
	15-30/50	30	50	21	20	20	125	15				●	●	265398	600
	16-50/80	50	80	21	20	20	125	16				●	●	265400	600
	17-80/160	80	160	21	20	20	125	17				●	●	265402	600
	18-160/400	160	400	21	20	20	125	18				●	●	265404	600
	20-200/800	200	800	21	20	20	125	20				●	●	265406	600
MGHH2.5-25L	13-20/36	20	36	26	25	25	150	13	MGMN250... MGGN250... MRMN250...	M5×20	L4	●	●	265408	800
	15-30/50	30	50	26	25	25	150	15				●	●	265410	800
	16-50/80	50	80	26	25	25	150	16				●	●	265412	800
	17-80/160	80	160	26	25	25	150	17				●	●	265414	800
	18-160/400	160	400	26	25	25	150	18				●	●	265416	800
	20-200/800	200	800	26	25	25	150	20				●	●	265418	800
MGHH320L	13-20/36	20	36	21	20	20	125	13	MGMN300... MGGN300... MRMN300...	M5×20	L4	●	●	265420	500
	15-30/50	30	50	21	20	20	125	15				●	●	265422	500
	16-50/80	50	80	21	20	20	125	16				●	●	265424	500
	17-80/160	80	160	21	20	20	125	17				●	●	265426	500
	18-160/400	160	400	21	20	20	125	18				●	●	265428	500
	20-200/800	200	800	21	20	20	125	20				●	●	265430	500
MGHH325L	13-20/36	20	36	26	25	25	150	13	MGMN300... MGGN300... MRMN300...	M5×20	L4	●	●	265432	700
	15-30/50	30	50	26	25	25	150	15				●	●	265434	700
	16-50/80	50	80	26	25	25	150	16				●	●	265436	700
	17-80/160	80	160	26	25	25	150	17				●	●	265438	700
	18-160/400	160	400	26	25	25	150	18				●	●	265440	700
	20-200/800	200	800	26	25	25	150	20				●	●	265442	700
MGHH420L	15-20/36	20	36	21	20	20	125	15	MGMN400... MGGN400... MRMN400...	M5×20	L4	●	●	265444	600
	16-30/50	30	50	21	20	20	125	16				●	●	265446	600
	18-50/80	50	80	21	20	20	125	18				●	●	265448	600
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	22-160/400	160	400	21	20	20	125	22				●	●	265452	600
	23-200/800	200	800	21	20	20	125	23				●	●	265454	600
MGHH425L	15-20/36	20	36	26	25	25	150	15	MGMN400... MGGN400... MRMN400...	M5×20	L4	●	●	265456	800
	16-30/50	30	50	26	25	25	150	16				●	●	265458	800
	18-50/80	50	80	26	25	25	150	18				●	●	265460	800
	20-80/160	80	160	26	25	25	150	20				●	●	265462	800
	22-160/400	160	400	26	25	25	150	22				●	●	265464	800
	23-200/800	200	800	26	25	25	150	23				●	●	265466	800
MGHH520L	17-30/50	30	50	21	20	20	125	17	MGMN500... MGGN500... MRMN500...	M5×20	L4	●	●	265468	700
	22-50/80	50	80	21	20	20	125	22				●	●	265470	700
	26-80/160	80	160	21	20	20	125	26				●	●	265472	700
	28-160/400	160	400	21	20	20	125	28				●	●	265474	700
	30-200/800	200	800	21	20	20	125	30				●	●	265476	700
	MGHH525L	17-30/50	30	50	26	25	25	150				17	MGMN500... MGGN500... MRMN500...	M5×20	L4
22-50/80		50	80	26	25	25	150	22	●	●	265480	900			
26-80/160		80	160	26	25	25	150	26	●	●	265482	900			
28-160/400		160	400	26	25	25	150	28	●	●	265484	900			
30-200/800		200	800	26	25	25	150	30	●	●	265486	900			



刀片 (Inserts): A15-A16 零配件 (Toolholder Parts): A17-A18

刀架型号 Ordering code	尺寸 Dimensions							刀片 Insert	螺丝 Screw	扳手 Wrench	图示方向 (R) R-Type			
	øDmin	øDmax	f	b=h1	h	L	Tmax				Stock	Order Number	Price (RMB)	
MGAH216R	08-20/36	20	36	17	16	16	100	8	MGMN200.. MGGN200.. MRMN200..	M5×20	L4	●	265488	600
	10-30/50	30	50	17	16	16	100	10				●	265490	600
	12-50/80	50	80	17	16	16	100	12				●	265492	600
	13-80/160	80	160	17	16	16	100	13				●	265494	600
	14-160/400	160	400	17	16	16	100	14				●	265496	600
	15-200/800	200	800	17	16	16	100	15				●	265498	600
MGAH220R	08-20/36	20	36	21	20	20	125	8	MGMN200.. MGGN200.. MRMN200..	M5×20	L4	●	265500	600
	10-30/50	30	50	21	20	20	125	10				●	265502	600
	12-50/80	50	80	21	20	20	125	12				●	265504	600
	13-80/160	80	160	21	20	20	125	13				●	265506	600
	14-160/400	160	400	21	20	20	125	14				●	265508	600
	15-200/800	200	800	21	20	20	125	15				●	265510	600
MGAH225R	08-20/36	20	36	26	25	25	150	8	MGMN200.. MGGN200.. MRMN200..	M5×20	L4	●	265512	800
	10-30/50	30	50	26	25	25	150	10				●	265514	800
	12-50/80	50	80	26	25	25	150	12				●	265516	800
	13-80/160	80	160	26	25	25	150	13				●	265518	800
	14-160/400	160	400	26	25	25	150	14				●	265520	800
	15-200/800	200	800	26	25	25	150	15				●	265522	800
MGAH2.5-20R	13-20/36	20	36	21	20	20	125	13	MGMN250.. MGGN250.. MRMN250..	M5×20	L4	●	265524	600
	15-30/50	30	50	21	20	20	125	15				●	265526	600
	16-50/80	50	80	21	20	20	125	16				●	265528	600
	17-80/160	80	160	21	20	20	125	17				●	265530	600
	18-160/400	160	400	21	20	20	125	18				●	265532	600
	20-200/800	200	800	21	20	20	125	20				●	265534	600
MGAH2.5-25R	13-20/36	20	36	26	25	25	150	13	MGMN250.. MGGN250.. MRMN250..	M5×20	L4	●	265536	800
	15-30/50	30	50	26	25	25	150	15				●	265538	800
	16-50/80	50	80	26	25	25	150	16				●	265540	800
	17-80/160	80	160	26	25	25	150	17				●	265542	800
	18-160/400	160	400	26	25	25	150	18				●	265544	800
	20-200/800	200	800	26	25	25	150	20				●	265546	800
MGAH320R	13-20/36	20	36	21	20	20	125	13	MGMN300.. MGGN300.. MRMN300..	M5×20	L4	●	265548	500
	15-30/50	30	50	21	20	20	125	15				●	265550	500
	16-50/80	50	80	21	20	20	125	16				●	265552	500
	17-80/160	80	160	21	20	20	125	17				●	265554	500
	18-160/400	160	400	21	20	20	125	18				●	265556	500
	20-200/800	200	800	21	20	20	125	20				●	265558	500
MGAH325R	13-20/36	20	36	26	25	25	150	13	MGMN300.. MGGN300.. MRMN300..	M5×20	L4	●	265560	700
	15-30/50	30	50	26	25	25	150	15				●	265562	700
	16-50/80	50	80	26	25	25	150	16				●	265564	700
	17-80/160	80	160	26	25	25	150	17				●	265566	700
	18-160/400	160	400	26	25	25	150	18				●	265568	700
	20-200/800	200	800	26	25	25	150	20				●	265570	700
MGAH420R	15-20/36	20	36	21	20	20	125	15	MGMN400.. MGGN400.. MRMN400..	M5×20	L4	●	265572	600
	16-30/50	30	50	21	20	20	125	16				●	265574	600
	18-50/80	50	80	21	20	20	125	18				●	265576	600
	20-80/160	80	160	21	20	20	125	20				●	265578	600
	22-160/400	160	400	21	20	20	125	22				●	265580	600
	23-200/800	200	800	21	20	20	125	23				●	265582	600
MGAH425R	15-20/36	20	36	26	25	25	150	15	MGMN400.. MGGN400.. MRMN400..	M5×20	L4	●	265584	800
	16-30/50	30	50	26	25	25	150	16				●	265586	800
	18-50/80	50	80	26	25	25	150	18				●	265588	800
	20-80/160	80	160	26	25	25	150	20				●	265590	800
	22-160/400	160	400	26	25	25	150	22				●	265592	800
	23-200/800	200	800	26	25	25	150	23				●	265594	800
MGAH520R	17-30/50	30	50	21	20	20	125	17	MGMN500.. MGGN500.. MRMN500..	M5×20	L4	●	265596	700
	22-50/80	50	80	21	20	20	125	22				●	265598	700
	26-80/160	80	160	21	20	20	125	26				●	265600	700
	28-160/400	160	400	21	20	20	125	28				●	265602	700
	30-200/800	200	800	21	20	20	125	30				●	265604	700
	MGAH525R	17-30/50	30	50	26	25	25	150	17	MGMN500.. MGGN500.. MRMN500..	M5×20	L4	●	265606
22-50/80		50	80	26	25	25	150	22	●				265608	900
26-80/160		80	160	26	25	25	150	26	●				265610	900
28-160/400		160	400	26	25	25	150	28	●				265612	900
30-200/800		200	800	26	25	25	150	30	●				265614	900
		17-30/50	30	50	26	25	25	150	17					



刀片 (Inserts): A15-A16 零配件 (Toolholder Parts): A17-A18

刀架型号 Ordering code	尺寸 Dimensions							刀片 Insert 	 螺丝 Screw	 扳手 Wrench	图示方向 (R) R-Type			
	øDmin	øDmax	f	b=h1	h	L	Tmax				Stock	Order Number	Price (RMB)	
MGAH216L	08-20/36	20	36	17	16	16	100	8	MGMN200.. MGGN200.. MRMN200..	M5×20	L4	●	265616	600
	10-30/50	30	50	17	16	16	100	10				●	265618	600
	12-50/80	50	80	17	16	16	100	12				●	265620	600
	13-80/160	80	160	17	16	16	100	13				●	265622	600
	14-160/400	160	400	17	16	16	100	14				●	265624	600
	15-200/800	200	800	17	16	16	100	15				●	265626	600
MGAH220L	08-20/36	20	36	21	20	20	125	8	MGMN200.. MGGN200.. MRMN200..	M5×20	L4	●	265628	600
	10-30/50	30	50	21	20	20	125	10				●	265630	600
	12-50/80	50	80	21	20	20	125	12				●	265632	600
	13-80/160	80	160	21	20	20	125	13				●	265634	600
	14-160/400	160	400	21	20	20	125	14				●	265636	600
	15-200/800	200	800	21	20	20	125	15				●	265638	600
MGAH225L	08-20/36	20	36	26	25	25	150	8	MGMN200.. MGGN200.. MRMN200..	M5×20	L4	●	265640	800
	10-30/50	30	50	26	25	25	150	10				●	265642	800
	12-50/80	50	80	26	25	25	150	12				●	265644	800
	13-80/160	80	160	26	25	25	150	13				●	265646	800
	14-160/400	160	400	26	25	25	150	14				●	265648	800
	15-200/800	200	800	26	25	25	150	15				●	265650	800
MGAH2.5-20L	13-20/36	20	36	21	20	20	125	13	MGMN250.. MGGN250.. MRMN250..	M5×20	L4	●	265652	600
	15-30/50	30	50	21	20	20	125	15				●	265654	600
	16-50/80	50	80	21	20	20	125	16				●	265656	600
	17-80/160	80	160	21	20	20	125	17				●	265658	600
	18-160/400	160	400	21	20	20	125	18				●	265660	600
	20-200/800	200	800	21	20	20	125	20				●	265662	600
MGAH2.5-25L	13-20/36	20	36	26	25	25	150	13	MGMN250.. MGGN250.. MRMN250..	M5×20	L4	●	265664	800
	13-30/50	30	50	26	25	25	150	15				●	265666	800
	16-50/80	50	80	26	25	25	150	16				●	265668	800
	17-80/160	80	160	26	25	25	150	17				●	265670	800
	18-160/400	160	400	26	25	25	150	18				●	265672	800
	20-200/800	200	800	26	25	25	150	20				●	265674	800
MGAH320L	13-20/36	20	36	21	20	20	125	13	MGMN300.. MGGN300.. MRMN300..	M5×20	L4	●	265676	500
	15-30/50	30	50	21	20	20	125	15				●	265678	500
	16-50/80	50	80	21	20	20	125	16				●	265680	500
	17-80/160	80	160	21	20	20	125	17				●	265682	500
	18-160/400	160	400	21	20	20	125	18				●	265684	500
	20-200/800	200	800	21	20	20	125	20				●	265686	500
MGAH325L	13-20/36	20	36	26	25	25	150	13	MGMN300.. MGGN300.. MRMN300..	M5×20	L4	●	265688	700
	15-30/50	30	50	26	25	25	150	15				●	265690	700
	16-50/80	50	80	26	25	25	150	16				●	265692	700
	17-80/160	80	160	26	25	25	150	17				●	265694	700
	18-160/400	160	400	26	25	25	150	18				●	265696	700
	20-200/800	200	800	26	25	25	150	20				●	265698	700
MGAH420L	15-20/36	20	36	21	20	20	125	15	MGMN400.. MGGN400.. MRMN400..	M5×20	L4	●	265700	600
	16-30/50	30	50	21	20	20	125	16				●	265702	600
	18-50/80	50	80	21	20	20	125	18				●	265704	600
	20-80/160	80	160	21	20	20	125	20				●	265706	600
	22-160/400	160	400	21	20	20	125	22				●	265708	600
	23-200/800	200	800	21	20	20	125	23				●	265710	600
MGAH425L	15-20/36	20	36	26	25	25	150	15	MGMN400.. MGGN400.. MRMN400..	M5×20	L4	●	265712	800
	16-30/50	30	50	26	25	25	150	16				●	265714	800
	18-50/80	50	80	26	25	25	150	18				●	265716	800
	20-80/160	80	160	26	25	25	150	20				●	265718	800
	22-160/400	160	400	26	25	25	150	22				●	265720	800
	23-200/800	200	800	26	25	25	150	23				●	265722	800
MGAH520L	17-30/50	30	50	21	20	20	125	17	MGMN500.. MGGN500.. MRMN500..	M5×20	L4	●	265724	700
	22-50/80	50	80	21	20	20	125	22				●	265726	700
	26-80/160	80	160	21	20	20	125	26				●	265728	700
	28-160/400	160	400	21	20	20	125	28				●	265730	700
	30-200/800	200	800	21	20	20	125	30				●	265732	700
	MGAH525L	17-30/50	30	50	26	25	25	150				17	MGMN500.. MGGN500.. MRMN500..	M5×20
22-50/80		50	80	26	25	25	150	22	●	265736	900			
26-80/160		80	160	26	25	25	150	26	●	265737	900			
28-160/400		160	400	26	25	25	150	28	●	265738	900			
30-200/800		200	800	26	25	25	150	30	●	265739	900			