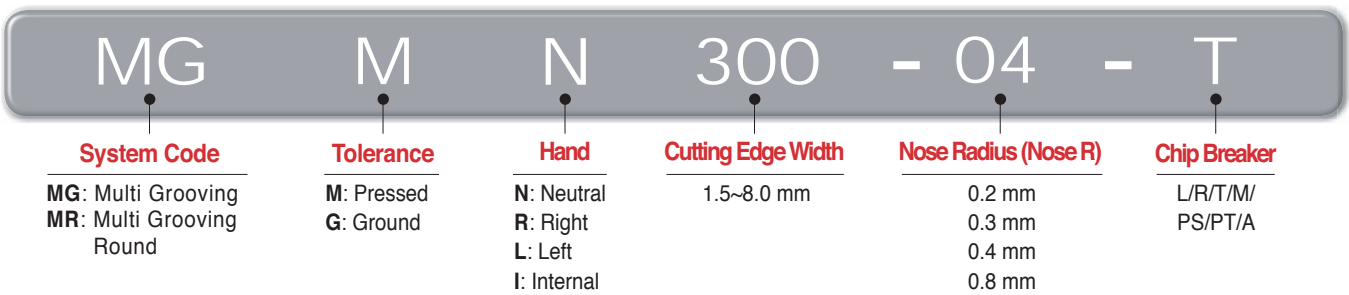


Inserts are offered with two edges, for better economical machining

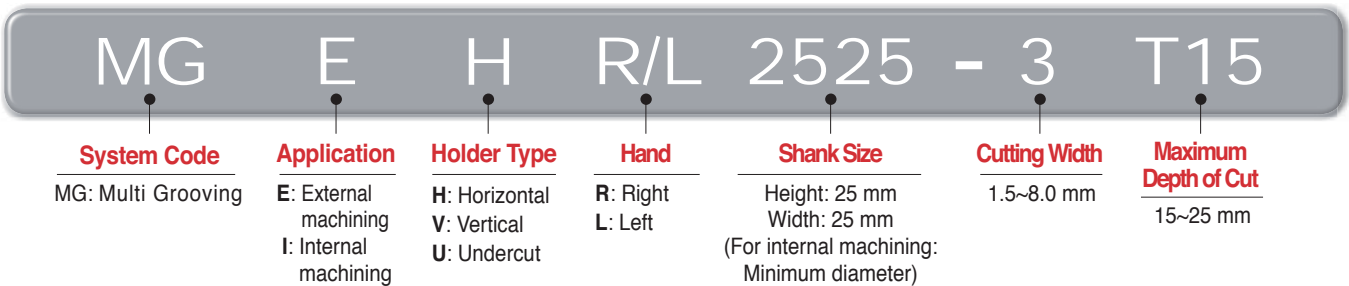
# MGT Series

- Inserts are offered with two edges, for better economical machining
- Multi-function operations - Reduce cycle time & increase productivity with the ability to groove, turn, face or copy in an application
- Shorten time & save on tool cost - Korloy's MGT system allows a machinist to apply one tool against many applications, reducing the number of tools
- Flat Cutting Edge - MGT tools have a flat geometry on its cutting edge to ensure excellent surface finishes. Even in high Feed applications by using a wiper function, Korloy ensures excellent surface finishes in roughing operations





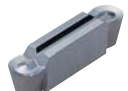






## Insert code system



## Holder code system



## Geometry of chip breaker

<p><b>MGM(G)N-M</b></p>  <ul style="list-style-type: none"> <li>• Specially designed chip breaker allows a smoother chip flow versus conventional flat-top geometries through the use of a central chip breaker</li> <li>• Specially placed convex dots assists with chip control in external machining, for a smoother chip flow</li> <li>• Chip breaker designed for turning &amp; grooving applications</li> </ul>	<p><b>MGMN-G</b></p>  <ul style="list-style-type: none"> <li>• Specially designed chip breaker allows narrower chips to promote better chip flow</li> <li>• Specially designed for grooving applications</li> </ul>	<p><b>MRMN-M</b></p>  <ul style="list-style-type: none"> <li>• Full radius geometry for applications that require profiling</li> <li>• Available for relief machining</li> </ul>	<p><b>MFMN300</b></p>  <ul style="list-style-type: none"> <li>• Specially designed chip breaker allows narrower chips to promote better chip flow</li> <li>• Chip breaker specially designed for face-grooving</li> </ul>
<p><b>MRGN-A</b></p>  <ul style="list-style-type: none"> <li>• Specially designed high positive geometry, ideal for machining aluminum</li> <li>• The chip breaker's super buffed, high rake angle allows optimal chip flow of aluminum</li> </ul>	<p><b>MGMR-PS</b></p>  <ul style="list-style-type: none"> <li>• Sharply designed cutting edge.</li> <li>• Recommended in machining low carbon steel and stainless steel</li> <li>• Specially designed chip breaker allows narrower chips to promote better chip flow.</li> <li>• Able to machine Feed rates and small diameter cutting</li> </ul>	<p><b>MGMR-PT</b></p>  <ul style="list-style-type: none"> <li>• Stronger cutting edge with a negative land for tougher applications</li> <li>• Able to machine at Feed rates as high and bar stock</li> <li>• Chip breaker design helps narrow chips for better flow</li> </ul>	<p><b>MGGN-A</b></p>  <ul style="list-style-type: none"> <li>• Smooth chip flow</li> <li>• Reduced build up on cutting edge</li> </ul>
<p><b>MGMN-L</b></p>  <ul style="list-style-type: none"> <li>• Sharp cutting edge</li> <li>• Low cutting resistance</li> <li>• For auto CNC machine</li> <li>• For small Dia. processing</li> </ul>	<p><b>MGMN-R</b></p>  <ul style="list-style-type: none"> <li>• Strong cutting edge</li> <li>• For high feed rate processing</li> </ul>	<p><b>MGMN-T</b></p>  <ul style="list-style-type: none"> <li>• For turning &amp; grooving</li> <li>• Reduced chip width &amp; smooth chip control by dot designed on the top corner</li> </ul>	

## Parting off (MGMN/MGMR/L)

Workpiece	Cutting Speed (vc = m/min)									Feed (fn = mm/rev)					
	CVD				PVD				Uncoated	Cutting width (mm)					
	NC3120	NC3030	NCM325	NC5330	PC230	PC8110	PC5300	PC6510	ST30A	2	3	4	5	6	
SM□□C	80~180			80~180	80~180						0.02~0.15	0.03~0.20	0.08~0.30	0.10~0.40	0.12~0.50
SCM	70~150	70~150	70~150	70~150	70~150						0.02~0.15	0.03~0.20	0.08~0.30	0.10~0.40	0.12~0.50
GC/GCD				50~100				50~100	50~100		0.05~0.12	0.10~0.25	0.10~0.30	0.10~0.35	0.10~0.40
STS			50~120	50~120		50~120	60~140				0.02~0.10	0.03~0.15	0.08~0.25	0.10~0.35	0.12~0.40
Non-ferrous metal (Al, Copper)									200~450		0.05~0.10	0.05~0.20	0.05~0.25	0.05~0.30	0.05~0.35

## Facing (FGD/FGM/FMM/MFMN/MGMN)

Workpiece	Cutting Speed (vc = m/min)							Feed (fn = mm/rev)		
	CVD				PVD		Uncoated	Cutting width (mm)		
	NC6110	NC3030	NC5330	NC3120	PC215K	PC8110 / PC5300	H01	3	4	5
SM□□C			100~160	100~160				0.05~0.10	0.05~0.12	0.05~0.15
SCM		50~130	50~130	50~130			200~800	0.05~0.10	0.05~0.12	0.05~0.15
GC/GCD	120~150		120~150		120~150			0.05~0.10	0.05~0.12	0.05~0.15
STS			60~150			60~150		0.05~0.10	0.05~0.12	0.05~0.15
Non-ferrous metal (Al, Copper)								0.05~0.15	0.08~0.15	0.08~0.15

## Grooving, Turning (MGMN/MRMN)

Workpiece	Cutting Speed (vc = m/min)										Feed (fn = mm/rev)					
	CVD			PVD			Cermet		Uncoated		Cutting width (mm)					
	NC3120	NC3030	NC5330	PC215K	PC5300	PC230	CN20	CT10	ST30A	ST20	0.5~1.0	1.0~2.0	2~3	3~4	4~5	6~8
SM□□C	80~200		80~200		80~180	80~200	80~120	80~120		80~120	0.03~0.08	0.04~0.09	0.05~0.1	0.05~0.12	0.05~0.15	0.05~0.2
SCM	80~180	80~180	80~180		80~160	80~180	80~120		80~120	80~120	0.03~0.07	0.04~0.08	0.05~0.08	0.05~0.1	0.05~0.12	0.05~0.15
GC/GCD			60~130		60~130						0.03~0.07	0.04~0.08	0.05~0.08	0.05~0.1	0.05~0.10	0.05~0.12
STS			60~100	60~100					60~100		0.03~0.08	0.04~0.09	0.05~0.10	0.05~0.12	0.05~0.12	0.05~0.15
Non-ferrous metal (Al, Copper)				150~300					150~400		0.05~0.12	0.05~0.15	0.05~0.15	0.08~0.15	0.08~0.15	0.10~0.20



Insert


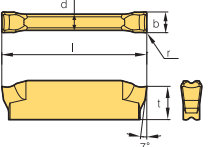

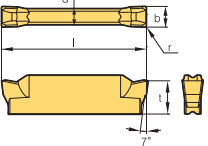

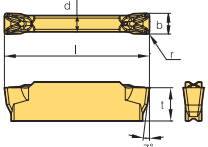

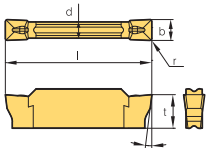
Application	Picture	Designation	Coated							Uncoated	Dimensions (mm)					Configuration	Page					
			NC3120	NC3225	NC3225	NC5330	NC6315	PC5300	PC8110	PC9030	H01	b	r	l	d			t				
Face Grooving	FGD	FGD	300R-03									3.0	0.3	15.0	2.0	4.0		C36				
		400R-04										4.0	0.4	15.0	3.0	4.5		C37				
		500R-04										5.0	0.4	15.0	4.0	5.0						
	FGM	FGM	300R-03										3.0	0.3	15.0	2.0	4.0		C36			
		400R-04										4.0	0.4	15.0	3.0	4.5	C37					
		500R-04										5.0	0.4	15.0	4.0	5.0						
	FMM	FMM	300R-03								●		3.0	0.3	15.0	2.0	3.91		C36			
		400R-04											4.0	0.4	15.0	3.0	3.96		C37			
		500R-04											5.0	0.4	15.0	4.0	4.42					
Face Grooving	MFMN	MFMN	300				●					3.0	0.2	18.0	2.0	3.0		C35 C41				
Grooving · Turning	MGGN-M	MGGN-M	300-02-M									3.0	0.2	21.0	2.35	4.8		C30				
			04-M										3.0	0.4	21.0	2.35		4.8	C32			
			08-M											3.0	0.8	21.0		2.35	4.8	C34		
			400-02-M											4.0	0.2	21.0		3.3	4.8	C41		
			04-M											4.0	0.4	21.0		3.3	4.8			
			08-M											4.0	0.8	21.0		3.3	4.8			
			500-02-M											5.0	0.2	26.0		4.1	5.8			
			04-M											5.0	0.4	26.0		4.1	5.8			
			08-M											5.0	0.8	26.0		4.1	5.8			
			600-02-M											6.0	0.2	26.0		5.0	5.8			
			04-M											6.0	0.4	26.0		5.0	5.8			
			08-M											6.0	0.8	26.0		5.0	5.8			
Grooving	MGMN-G	MGMN-G	MGMN	150-G		●	●			●	●	●		1.5	0.15	16.0	1.2	3.5		C30		
			200-G	●	●	●				●	●	●		2.0	0.2	16.0	1.6	3.5		C32		
			250-G		●	●					●	●	●		2.5	0.2	18.5	2.0		3.85	C34	
			300-G	●	●	●	●				●	●	●		3.0	0.3	21.0	2.35		4.8	C41	
			400-G	●							●	●	●		4.0	0.3	21.0	3.3		4.8		
			500-G									●	●	●		5.0	0.5	26.0		4.1	5.8	
			600-G										●	●	●		6.0	0.8		26.0	5.0	5.8
Grooving · Turning	MGMN-M	MGMN-M	MGMN	200-M	●	●	●	●		●	●	●	●	2.0	0.2	16.0	1.6	3.5		C30		
			250-M	●	●	●				●	●	●		2.5	0.2	18.5	2.0	3.85		C32		
			300-02-M				●								3.0	0.2	21.0	2.35		4.8	C34	
			300-M	●	●	●	●	●	●	●	●	●	●	●	3.0	0.4	21.0	2.35		4.8	C41	
			350-03-M												3.5	0.3	21.0	2.9		4.8		
			400-02-M												4.0	0.2	21.0	3.3		4.8		
			400-M	●	●	●	●	●	●	●	●	●	●	●	4.0	0.4	21.0	3.3		4.8		
			500-04-M												5.0	0.4	26.0	4.1		5.8		
			500-M	●	●	●	●	●				●	●	●		5.0	0.8	26.0		4.1	5.8	
			600-M	●	●	●	●	●								6.0	0.8	26.0		5.0	5.8	
800-M				●									8.0	0.8	31.0	6.0	6.5					

●: Stock item



# C Available Insert for MGT


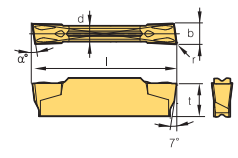

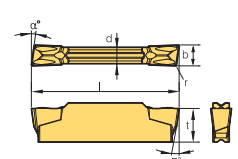

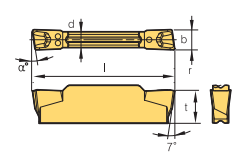

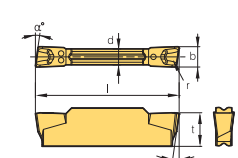

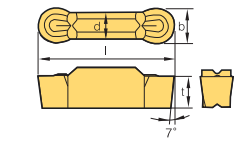

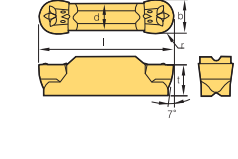
## Insert

Application	Picture	Designation	Coated							Uncoated		Dimensions (mm)						Configuration	Page
			NC3120	NC3225	NC3030	NC5330	NC6315	PC5300	PC8100	PC9030	H01	H05	b	r	l	d	t		
Grooving		MGMN 200-02-L										2.0	0.2	16	1.60	3.5	-		C30 C32 C34 C35
		04-L										2.0	0.4	20	1.7	3.5	-		
		250-02-L										2.5	0.2	18.5	2.0	3.85	-		
		300-02-L										3.0	0.2	21	2.35	4.8	-		
		04-L										3.0	0.4	20	2.3	4.0	-		
		400-02-L										4.0	0.2	21	3.3	4.8	-		
		04-L										4.0	0.4	20	3.3	4.0	-		
		500-03-L										5.0	0.3	26	4.1	5.82	-		
04-L										5.0	0.4	26	4.1	5.8	-				
Grooving · Parting off		MGMN 150-015-R										1.5	0.15	16	1.2	3.35	-		C30 C32 C34 C35
		200-02-R										2.0	0.2	16	1.60	3.5	-		
		04-R										2.0	0.4	20	1.7	3.5	-		
		250-02-R										2.5	0.2	18.5	2.0	3.89	-		
		300-02-R										3.0	0.2	21	2.35	4.8	-		
		04-R										3.0	0.4	20	2.3	4.0	-		
		400-02-R										4.0	0.2	21	3.3	4.8	-		
		04-R										4.0	0.4	20	3.3	4.0	-		
500-04-R										5.0	0.4	26	4.1	5.8	-				
08-R										5.0	0.4	26	4.1	5.94	-				
600-04-R										6.0	0.4	26	5.0	5.94	-				
08-R										6.0	0.8	26	5.0	5.94	-				
Grooving · Turning		MGMN 150-015-T										1.5	0.15	16	1.2	3.5	-		C30 C32 C34 C35
		200-T										2.0	0.2	16	1.60	3.5	-		
		300-T										3.0	0.4	21	2.35	4.8	-		
		400-T										4.0	0.4	21	3.3	4.8	-		
		500-04-T										5.0	0.4	26	4.1	5.82	-		
		500-T										5.0	0.8	26	4.1	5.8	-		
		600-08-T										6.0	0.8	26	5.0	5.81	-		
Grooving		MGGN 300-02-A										3.0	0.2	21	2.35	4.8	-		C28 C30 C32 C41
		04-A										3.0	0.4	21	2.35	4.8	-		
		08-A										3.0	0.8	21	2.35	4.8	-		
		400-02-A										4.0	0.2	21	3.3	4.8	-		
		04-A										4.0	0.4	21	3.3	4.8	-		
		08-A										4.0	0.8	21	3.3	4.8	-		
		500-02-A										5.0	0.2	26	4.1	5.8	-		
		04-A										5.0	0.4	26	4.1	5.8	-		
08-A										5.0	0.8	26	4.1	5.8	-				

● : Stock item



Insert

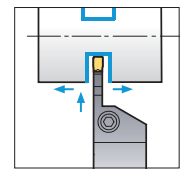
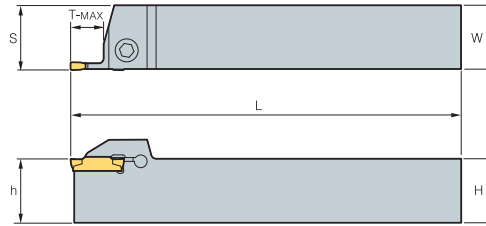
Application	Picture	Designation	Coated							Uncoated		Dimensions (mm)						Configuration	Page	
			NC3030	NC3120	NC3225	NC5330	NC6315	PC5300	PC8100	PC9030	H01	H05	b	r	l	d	t			$\alpha^\circ$
Parting off	MGMR-PS 	MGMR 300-6D-PS										3.0	0.2	21	2.35	4.8	6		C30 C32	
		8D-PS											3.0	0.2	21	2.35	4.8			5
		15D-PS											3.0	0.2	21	2.35	4.8			15
		400-4D-PS											4.0	0.3	21	3.30	4.8			4
		500-4D-PS											5.0	0.3	26	4.10	5.8			4
Parting off	MGML-PS 	MGML 300-6D-PS										3.0	0.2	21.0	2.35	4.8	6			
		8D-PS										3.0	0.2	21.0	2.35	4.8	5			
		15D-PS										3.0	0.2	21.0	2.35	4.8	15			
Parting off	MGMR-PT 	MGMR 200-6D-PT										2.0	0.2	16	1.60	3.6	6		C30 C32	
		300-6D-PT										3.0	0.2	21	2.35	4.8	6			
		8D-PT				●						3.0	0.2	21	2.35	4.8	8			
		15D-PT										3.0	0.2	21	2.35	4.8	15			
		400-4D-PT										4.0	0.3	21	3.30	4.8	4			
		500-4D-PT										5.0	0.3	26	4.10	5.8	4			
Parting off	MGML-PT 	MGML 200-6D-PT										2.0	0.2	16	1.60	3.6	6			
		300-6D-PT					●				3.0	0.2	21	2.35	4.8	6				
		8D-PT									3.0	0.2	21	2.35	4.8	8				
		15D-PT									3.0	0.2	21	2.35	4.8	15				
		400-4D-PT									4.0	0.3	21	3.30	4.8	4				
		500-4D-PT									5.0	0.3	26	4.10	5.8	4				
Aluminum	MRGN-A 	MRGN 300-A										3.0	1.5	21.0	2.35	4.8	-		C30 C31 C33 C34	
		400-A								●		4.0	2.0	21.0	3.30	4.8	-			
		500-A										5.0	2.5	26.0	4.10	5.8	-			
		600-A									●	6.0	3.0	26.0	5.0	5.8	-			
		800-A									●	8.0	4.0	31.0	6.0	6.5	-			
Reliefing Profiling	MRMN-M 	MRMN 200-M	●	●	●							2.0	1.0	16.0	1.50	3.5	-		C30 ~34 C41	
		300-M	●	●	●	●				●		3.0	1.5	21.0	2.35	4.8	-			
		400-M	●	●	●	●					●	4.0	2.0	21.0	3.3	4.8	-			
		500-M	●									5.0	2.5	26.0	4.1	5.8	-			
		600-M	●		●	●						6.0	3.0	26.0	5.0	5.8	-			
		800-M	●			●						8.0	4.0	31.0	6.0	6.5	-			

● : Stock item



## MGEHR/L

For grooving, turning, parting off, relief, profil machining



MGMN  
MGGN  
MRGN

MGMR  
MRMN

• R type insert

(mm)

Designation		H = (h)	W	L	S	T-MAX	Inserts	Screw	Wrench
MGEHR/L	1616-1.5	16	16	100	16.2	14	MGMN150-G	LTX0514	TW20L
	2020-1.5	20	20	125	20.2	14			
	2525-1.5	25	25	150	25.2	14			
	1212-2	12	12	100	14.25	14	MGMN200-G MGMN200-M MGMR200-□□-□□	MHA0512	HW40L
	1616-2	16	16	100	16.25	14			
	2020-2	20	20	125	20.25	14			
	2525-2	25	25	150	25.25	14	MGMN250-G MGMN250-M	MHA0512	HW40L
	1616-2.5	16	16	100	16.30	16			
	2020-2.5	20	20	125	20.30	16			
	2525-2.5	25	25	150	25.30	16	MGMN300-M/T MGGN300-□□-M MRMN300-M MGMR300-□□-□□ MGMN300-□□-L/R	BHA0616	HW50L
	1616-3	16	16	100	16.35	18			
	2020-3-T10	20	20	125	20.4	10			
	2020-3	20	20	125	20.4	18			
	2525-3-T10	25	25	150	25.4	10			
	2525-3	25	25	150	25.4	18			
	3232-3-T10	32	32	170	32.4	10			
	3232-3	32	32	170	32.4	18			
	2020-4-T10	20	20	125	20.4	10			
	2020-4	20	20	125	20.4	18			
	2525-4-T10	25	25	150	25.4	10	MGMN400-M/T MGGN400-□□-M MRMN400-M MGMR400-□□-□□ MGMN400-□□-L/R	BHA0616	HW50L
	2525-4	25	25	150	25.4	18			
	3232-4-T10	32	32	170	32.4	10			
	3232-4	32	32	170	32.4	18			
	2020-5-T15	20	20	150	20.5	15			
	2020-5	20	20	150	20.5	23			
	2525-5-T15	25	25	150	25.5	15			
	2525-5	25	25	150	25.5	23			
	3232-5-T15	32	32	170	32.5	15			
	3232-5	32	32	170	32.5	23			
	2020-6-T15	20	20	125	20.6	15	MGMN600-M MGGN600-□□-M MRMN600-M	BHA0616	HW50L
	2020-6	20	20	125	20.6	23			
	2525-6-T15	25	25	150	25.6	15			
	2525-6	25	25	150	25.6	23			
	3232-6-T15	32	32	170	32.6	15			
	3232-6	32	32	170	32.6	23	MRMN800-M MGMN800-M	BHA0616	HW50L
	2525-8-T15	25	25	150	26.1	15			
	2525-8	25	25	150	26.1	28			
	3232-8-T15	32	32	170	33.1	16			
	3232-8	32	32	170	33.1	28	MRGN600-A MRGN800-A	BHA0616	HW50L
	2525-6A-T15	25	25	150	25.6	15			
2525-6A	25	25	150	25.6	23				
3232-6A-T15	32	32	170	32.6	15				
3232-6A	32	32	170	32.6	23				
2525-8A-T15	25	25	150	26.1	16				
2525-8A	25	25	150	26.1	28				
3232-8A-T15	32	32	170	33.1	15				
3232-8A	32	32	170	33.1	28				

Applicable inserts C27~C29

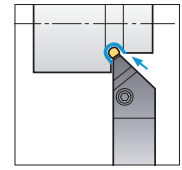
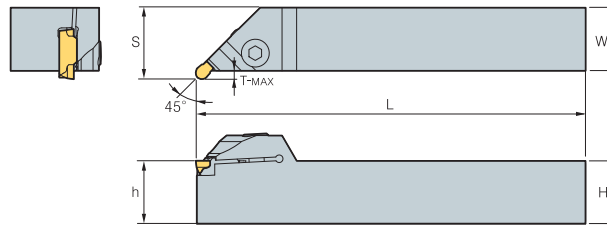


# MGEUR/L

For relief, profil machining



MRMN  
MRGN



• R type insert  
(mm)

Designation	H = (h)	W	L	S	T-MAX	Inserts	Screw	Wrench	
<b>MGEUR/L</b> 2020-3	20	20	125	23	3	MRMN300-M	BHA0616	HW50L	
	2525-3	25	25	150	28				3
	3232-3	32	32	170	35				3
2020-4	20	20	125	23	3	MRMN400-M			
	2525-4	25	25	150	28				3
	3232-4	32	32	170	35				3
2020-5	20	20	125	24	4	MRMN500-M			
	2525-5	25	25	150	29				4
	3232-5	32	32	170	36				4
2020-6	20	20	125	24	4	MRMN600-M			
	2525-6	25	25	150	29				4
	3232-6	32	32	170	36				4
2525-8	25	25	150	30	5	MRMN800-M			
3232-8	32	32	170	37	5	MRMN800-M			
2525-6A	25	25	150	29	4	MRGN600-A			
3232-6A	32	32	170	36	4	MRGN600-A			
2525-8A	25	25	150	30	5	MRGN800-A			
3232-8A	32	32	170	37	5				

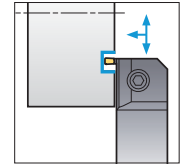
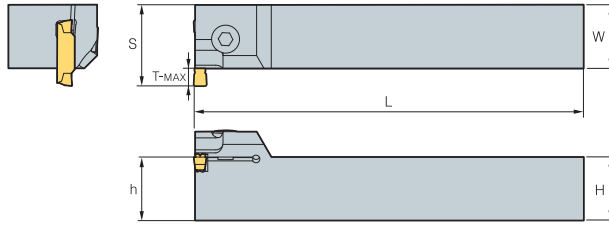
➔ Applicable inserts C27~C29

● : Stock item



## MGEVR/L

For grooving, turning, profil machining



MGMN MGGN  
MRMN MRGN

• R type insert

(mm)

Designation	H = (h)	W	L	S	T-MAX	Min. machining Dia. (ØD)	Inserts	Screw	Wrench	
<b>MGEVR/L</b> 2020-1.5	20	20	125	23	3	85	MGMN150-G	LTX0514	TW20L	
	2525-1.5	25	25	150	28	3				85
	3232-1.5	32	32	170	35	3				85
2020-2	20	20	125	23.5	3.5	65	MGMN200-M MGMN200-G			
	2525-2	25	25	150	28.5	3.5				65
	3232-2	32	32	170	35.5	3.5				65
2020-2.5	20	20	125	24	4	65	MGMN250-M MGMN250-G			
	2525-2.5	25	25	150	29	4				65
	3232-2.5	32	32	170	36	4				65
2020-3	20	20	125	25.5	5	75	MGMN300-M/T MGGN300-□□-M MRMN300-M MGMN300-□□-L/R			
	2525-3	25	25	150	30.5	5				75
	3232-3	32	32	170	37.5	5				75
2020-4	20	20	125	25.5	5	70	MGMN400-M/T MGGN400-□□-M MRMN400-M MGMN400-□□-L/R	BHA0616	HW50L	
	2525-4	25	25	150	30.5	5				70
	3232-4	32	32	170	37.5	5				70
2020-5	20	20	125	27	7	75	MGMN500-M/T MGGN500-□□-M MRMN500-M MGMN500-□□-L/R			
	2525-5	25	25	150	32	7				75
	3232-5	32	32	170	39	7				75
2020-6	20	20	125	27	7	70	MGMN600-M MGGN600-□□-M MRMN600-M			
	2525-6	25	25	150	32	7				70
	3232-6	32	32	170	39	7				70
2525-8	25	25	150	34	9	50	MRMN800-M MGMN800-M			
	3232-8	32	32	170	41	9				50
2525-6A	25	25	150	32	7	70	MRGN600-A			
3232-6A	32	32	170	39	7	70				
2525-8A	25	25	150	34	9	45	MRGN800-A			
3232-8A	32	32	170	41	9	45				

↻ Applicable inserts C27~C29



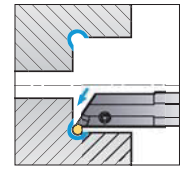
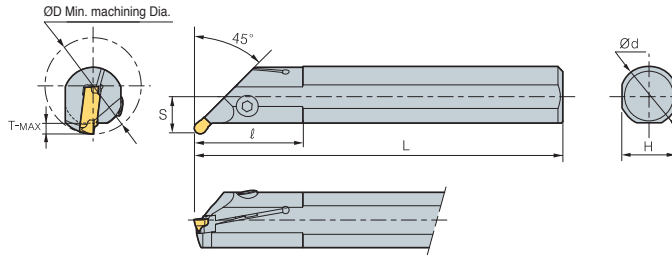


# MGIUR/L

For relief, profil machining



MRMN  
MRGN



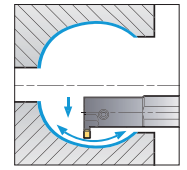
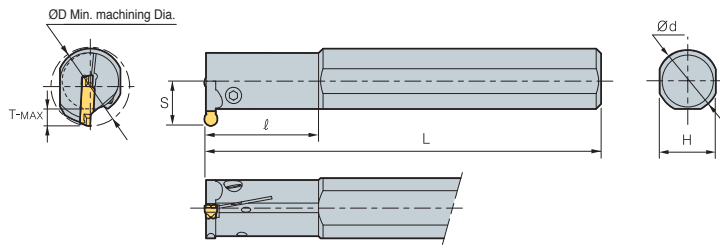
• R type insert  
(mm)

Designation	ØD	Ød	L	ℓ	T-MAX	H	S	Inserts	Screw	Wrench	
<b>MGIUR/L</b> 3520-3	35	20	150	45	3.5	18	13	MRMN300-M	MHA0512	HW40L	
	4025-3	40	25	200	45	3.5	23				15.5
	5032-3	50	32	250	65	3.5	30				19
3520-4	35	20	150	45	3.5	18	13	MRMN400-M	MHA0512	HW40L	
	4025-4	40	25	200	45	3.5	23				15.5
	5032-4	50	32	250	65	3.5	30				19
4025-5	40	25	200	45	3.5	23	15.5	MRMN500-M	BHA0616 BHA0620		
	5032-5	50	32	250	65	3.5	30				19
4025-6	40	25	200	45	3.5	23	19	MRMN600-M	BHA0616 BHA0620		
	5032-6	50	32	250	65	3.5	30				19
4025-8	40	25	200	45	6.5	23	15.5	MRMN800-M	BHA0616 BHA0620	HW50L	
	5032-8	50	32	250	65	6.5	30				19
4025-6A	40	25	200	45	3.5	23	15.5	MRGN600-A	BHA0616 BHA0620		
	5032-6A	50	32	250	65	3.5	30				19
4025-8A	40	25	200	45	5.0	23	18.5	MRGN800-A	BHA0616 BHA0620		
	5032-8A	50	32	250	65	6.5	30				22

➔ Applicable inserts C27~C29

## MGIVR/L

For grooving, turning, profil machining



MGMN MRMN  
MGGN MRGN

• R type insert

(mm)

Designation	ØD	Ød	L	l	T-MAX	H	S	Inserts	Screw	Wrench		
<b>MGIVR/L</b>	<b>2016-1.5</b>	20	16	125	35	3.5	15	MGMN150-G	MHB0310	HW25L		
	<b>2520-1.5</b>	25	20	150	45	3.5	18		MHA0512	HW40L		
	<b>2925-1.5</b>	29	25	200	45	3.5	23		MHB0310	HW25L		
	<b>2016-2</b>	20	16	125	35	4.5	15	MGMN200-G	MHA0512	HW40L		
	<b>2520-2</b>	25	20	150	45	4.5	18	MGMN200-M	MHB0310	HW25L		
	<b>2925-2</b>	29	25	200	45	4.5	23	MRMN200-M	MHA0512	HW40L		
	<b>2016-2.5</b>	20	16	125	35	4.5	15	MGMN250-G	MHB0310	HW25L		
	<b>2520-2.5</b>	25	20	150	45	4.5	18		MHA0512	HW40L		
	<b>2925-2.5</b>	29	25	200	45	4.5	23	MGMN250-M	MHB0310	HW25L		
	<b>2520-3</b>	25	20	150	45	5	18	MGMN300-M/G/T MGGN300-□□-M MRMN300-M MGMN300-□□-L/R	MHA0512	HW40L		
	<b>2520-3-T7</b>	25	20	150	49.3	7	18		19.92			
	<b>3125-3</b>	31	25	200	45	6	23		18.9			
	<b>3125-3-T10</b>	31	25	200	45	10	23		18.9			
	<b>3732-3</b>	37	32	250	65	6	30		21.5			
	<b>3732-3-T12</b>	37	32	250	65	12	30		21.5			
	<b>2520-4</b>	25	20	150	45	6	18		15.6	MGMN400-M/G/T MGGN400-□□-M MRMN400-M MGMN400-□□-L/R	MHA0512	HW40L
	<b>2520-4-T7</b>	25	20	150	45	7	18		15.6			
	<b>3125-4</b>	31	25	200	45	6	23		18.9			
	<b>3125-4-T10</b>	31	25	200	45	10	23		19			
	<b>3732-4</b>	37	32	250	65	6	30		21.5			
<b>3732-4-T12</b>	37	32	250	65	12	30	21.5					
<b>3125-5</b>	31	25	200	45	8	23	19.4	MGMN500-M/G/T MGGN500-□□-M MRMN500-M MGMN500-□□-L/R	BHA0616	HW50L		
<b>3732-5</b>	37	32	250	65	8	30	21.5	BHA0620				
<b>3125-6</b>	31	25	200	45	8	23	19.4	MGMN600-MG MGGN600-□□-M MRMN600-M	BHA0616			
<b>3732-6</b>	37	32	250	65	8	30	21.5	MRMN800-M	BHA0620			
<b>3732-8</b>	37	32	250	65	10	30	23.4	MGMN800-M	BHA0616			
<b>4540-8</b>	45	40	300	70	10	37	27.2	MRGN600-A	BHA0620			
<b>3125-6A</b>	31	25	200	45	8	23	19.4	MRGN800-A	BHA0616			
<b>3732-6A</b>	37	32	250	65	8	30	21.5	BHA0620				
<b>3732-8A</b>	37	32	250	65	10	30	23.4	BHA0616				
<b>4540-8A</b>	45	40	300	70	10	37	27.2	BHA0620				

Applicable inserts C27~C29

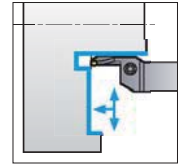
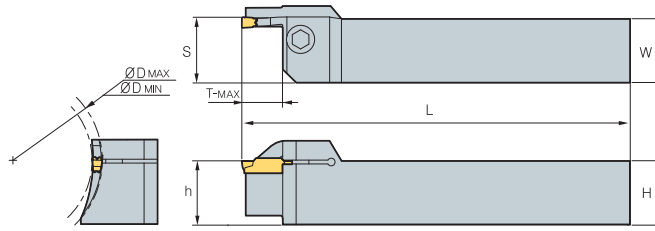


# MGFHR/L

For face grooving machining



MFMN  
MGMN



• R type insert  
(mm)

Designation	H = (h)	W	L	S	T-MAX	ØD		Inserts	Screw	Wrench	
						Min	Max				
MGFHR/L	325-24/35-T10	25	25	150	25.6	10	24	35	MFMN300	BHA0616	HW50L
	29/40-T10	25	25	150	25.6	10	29	40			
	34/50-T10	25	25	150	25.6	10	34	50			
	44/70-T10	25	25	150	25.6	10	44	70			
	64/99-T10	25	25	150	25.6	10	64	99			
	425-42/63-T15	25	25	150	25.6	15	42	63			
	62/120-T15	25	25	150	25.6	15	62	120			
112/200-T15	25	25	150	25.6	15	112	200	MGMN400-M/T MGMN400-□□-L/R			

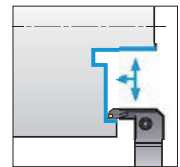
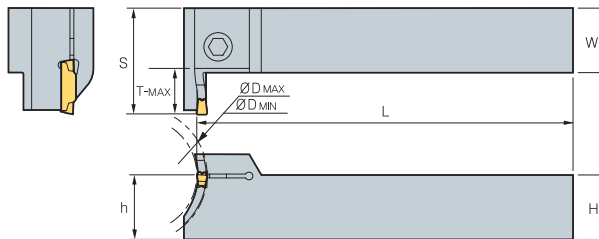
➔ Applicable inserts C27~C29

# MGFVR/L

For face grooving machining



MFMN  
MGMN



• R type insert  
(mm)

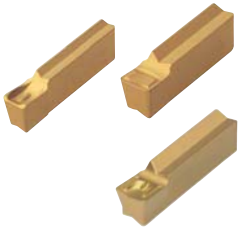
Designation	H = (h)	W	L	S	T-MAX	ØD		Inserts	Screw	Wrench	
						Min	Max				
MGFVR/L	325-24/35-T10	25	25	150	36	10	24	35	MFMN300	MHA0512	HW40L
	29/40-T10	25	25	150	36	10	29	40			
	34/50-T10	25	25	150	36	10	34	50			
	44/70-T10	25	25	150	36	10	44	70			
	64/99-T10	25	25	150	36	10	64	99			
	425-44/60-T15	25	25	150	41	15	44	60			
	60/120-T15	25	25	150	41	15	60	120			
112/200-T15	25	25	150	41	15	112	200				

➔ Applicable inserts C27~C29

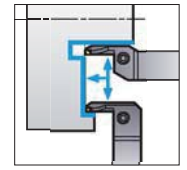
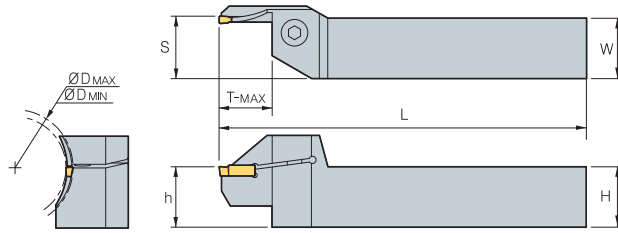
# C MGT Holder (Face Grooving)

## FGHH

For face grooving, turning machining



FGD FGM FMM



• R type insert

(mm)

Designation	H = (h)	W	L	S	T-MAX	ØD		Inserts	Screw	Wrench	
						Min	Max				
FGHH 320R - 25/30	20	20	125	20.6	12	25	30	FMM300R-03	BHA0616	HW50L	
	30/35	20	20	125	20.6	12	30				35
	35/48	20	20	125	20.6	12	35				48
	48/60	20	20	125	20.6	22	48	60			FGD300R-03 FGM300R-03
	60/75	20	20	125	20.6	22	60	75			
	75/100	20	20	125	20.6	22	75	100			
	100/140	20	20	125	20.6	22	100	140			
325R - 25/30	25	25	150	25.6	12	25	30	FMM300R-03			
	30/35	25	25	150	25.6	12	30		35		
	35/48	25	25	150	25.6	12	35		48		
	48/60	25	25	150	25.6	22	48	60	FGD300R-03 FGM300R-03		
	60/75	25	25	150	25.6	22	60	75			
	75/100	25	25	150	25.6	22	75	100			
	100/140	25	25	150	25.6	22	100	140			
420R - 25/30	20	20	125	20.6	12	25	30	FMM400R-04			
	30/35	20	20	125	20.6	12	30		35		
	35/48	20	20	125	20.6	12	35		48		
	48/60	20	20	125	20.6	25	48	60	FGD400R-04 FGM400R-04		
	60/75	20	20	125	20.6	25	60	75			
	75/100	20	20	125	20.6	25	75	100			
	100/140	20	20	125	20.6	25	100	140			
425R - 25/30	25	25	150	25.6	12	25	30	FMM400R-04			
	30/35	25	25	150	25.6	12	30		35		
	35/48	25	25	150	25.6	12	35		48		
	48/60	25	25	150	25.6	25	48	60	FGD400R-04 FGM400R-04		
	60/75	25	25	150	25.6	25	60	75			
	75/100	25	25	150	25.6	25	75	100			
	100/140	25	25	150	25.6	25	100	140			
520R - 25/30	20	20	125	20.6	12	25	30	FMM500R-04			
	30/35	20	20	125	20.6	12	30		35		
	35/40	20	20	125	20.6	20	35		40		
	40/48	20	20	125	20.6	20	40	48	FGD500R-04 FGM500R-04		
	48/60	20	20	125	20.6	25	48	60			
	60/75	20	20	125	20.6	25	60	75			
	75/100	20	20	125	20.6	25	75	100			
525R - 25/30	20	20	125	20.6	25	100	140	FMM500R-04			
	25	25	150	25.6	12	25	30				
	30/35	25	25	150	25.6	12	30		35		
	35/40	25	25	150	25.6	20	35	40	FGD500R-04 FGM500R-04		
	40/48	25	25	150	25.6	20	40	48			
	48/60	25	25	150	25.6	25	48	60			
	60/75	25	25	150	25.6	25	60	75			
75/100	25	25	150	25.6	25	75	100				
100/140	25	25	150	25.6	25	100	140				

Applicable inserts C27~C29



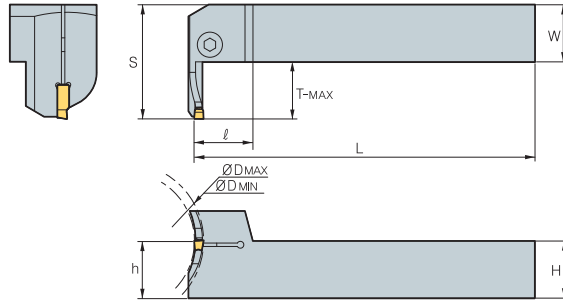
C

Multi functional Tools

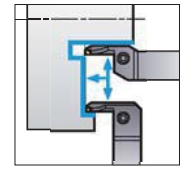
## FGVH



FGD FGM FMM



For face grooving, turning machining



• R type insert  
(mm)

Designation	H = (h)	W	L	S	T-MAX	ØD		Inserts	Screw	Wrench	
						Min	Max				
<b>FGVH</b> 320R - 25/30	20	20	125	20.6	12	25	30	FMM300R-03	BHA0616	HW50L	
	30/35	20	20	125	20.6	12	30				35
	35/48	20	20	125	20.6	12	35				48
	48/60	20	20	125	20.6	22	48	60			FGD300R-03 FGM300R-03
	60/75	20	20	125	20.6	22	60	75			
	75/100	20	20	125	20.6	22	75	100			
	100/140	20	20	125	20.6	22	100	140			
325R - 25/30	25	25	150	25.6	12	25	30	FMM300R-03			
	30/35	25	25	150	25.6	12	30				35
	35/48	25	25	150	25.6	12	35				48
	48/60	25	25	150	25.6	22	48	60			FGD300R-03 FGM300R-03
	60/75	25	25	150	25.6	22	60	75			
	75/100	25	25	150	25.6	22	75	100			
	100/140	25	25	150	25.6	22	100	140			
420R - 25/30	20	20	125	20.6	12	25	30	FMM400R-04			
	30/35	20	20	125	20.6	12	30		35		
	35/48	20	20	125	20.6	12	35		48		
	48/60	20	20	125	20.6	25	48	60	FGD400R-04 FGM400R-04		
	60/75	20	20	125	20.6	25	60	75			
	75/100	20	20	125	20.6	25	75	100			
	100/140	20	20	125	20.6	25	100	140			
425R - 25/30	25	25	150	25.6	12	25	30	FMM400R-04			
	30/35	25	25	150	25.6	12	30		35		
	35/48	25	25	150	25.6	12	35		48		
	48/60	25	25	150	25.6	25	48	60	FGD400R-04 FGM400R-04		
	60/75	25	25	150	25.6	25	60	75			
	75/100	25	25	150	25.6	25	75	100			
	100/140	25	25	150	25.6	25	100	140			
520R - 25/30	20	20	125	20.6	12	25	30	FMM500R-04			
	30/35	20	20	125	20.6	12	30		35		
	35/40	20	20	125	20.6	20	35		40		
	40/48	20	20	125	20.6	20	40	48	FGD500R-04 FGM500R-04		
	48/60	20	20	125	20.6	25	48	60			
	60/75	20	20	125	20.6	25	60	75			
	75/100	20	20	125	20.6	25	75	100			
525R - 25/30	20	20	125	20.6	25	100	140	FMM500R-04			
	30/35	25	25	150	25.6	12	30		35		
	35/40	25	25	150	25.6	20	35		40		
	40/48	25	25	150	25.6	20	40	48	FGD500R-04 FGM500R-04		
	48/60	25	25	150	25.6	25	48	60			
	60/75	25	25	150	25.6	25	60	75			
	75/100	25	25	150	25.6	25	75	100			
100/140	25	25	150	25.6	25	100	140				

➔ Applicable inserts C27~C29