

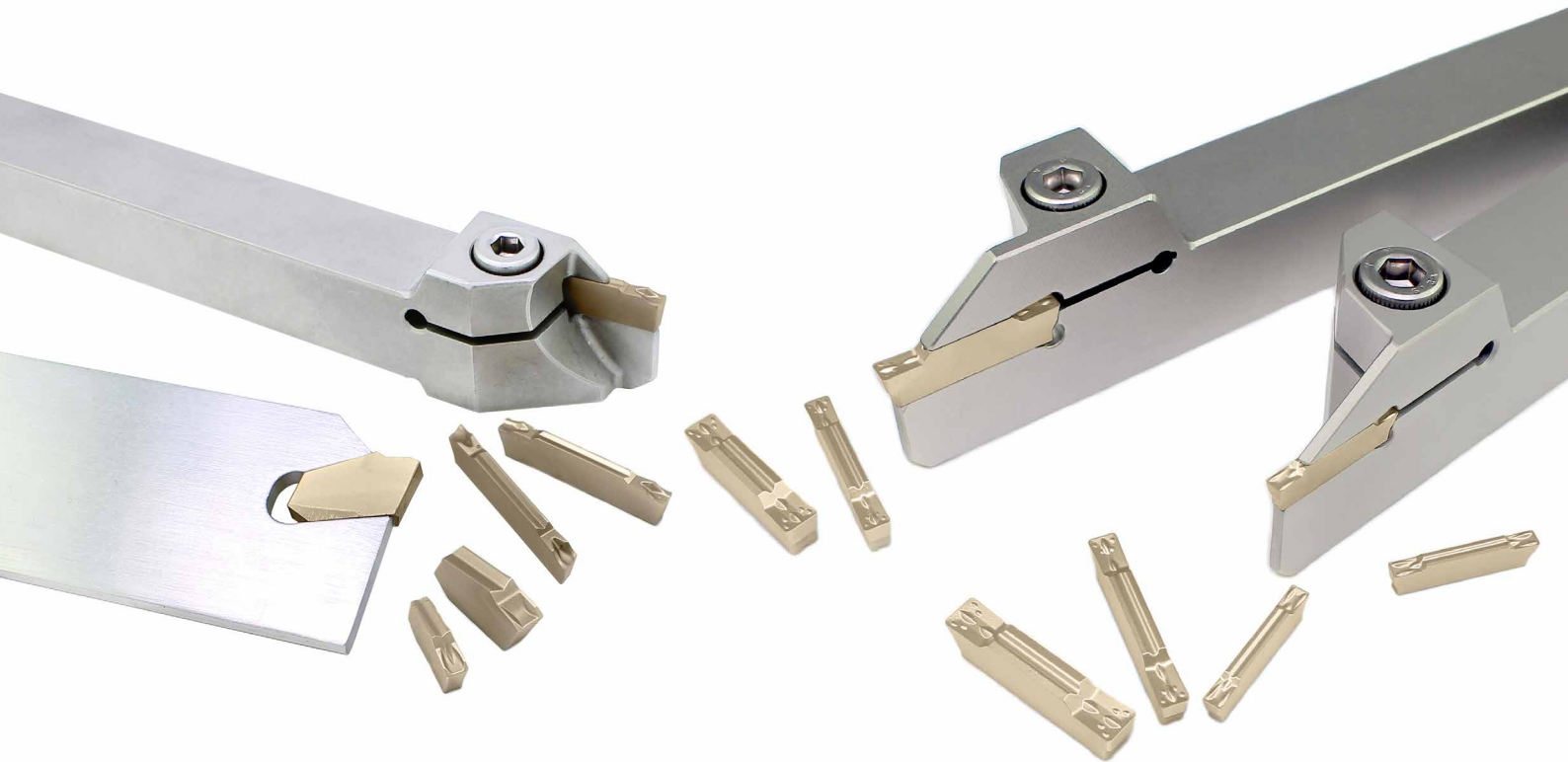


Made in
TAIWAN

WINSTAR

MGEH / KGM / SGIH / SGTHR Series Parting & Grooving Tools

2021.05



- ***MGEH / KGB / SGTHR Series for cut-off and grooving of small workpieces in automatic lathe or small machine.***
- ***SGIH Series for parting of large workpieces.***
- ***MGEH MG Chipbreaker for general cutting.***
- ***KGB MR Chipbreaker for high feed cutting.***

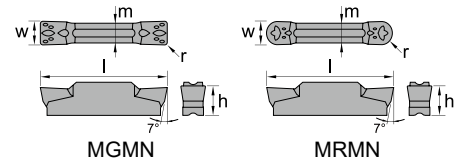
W190801E

MGEH Series

Insert Specifications

Insert	Dimensions (mm)				
	w	r	l	h	m
MGMN200	2.0	0.2	16	3.5	1.60
MGMN300	3.0	0.4	21	4.8	2.35
MGMN400	4.0	0.4	21	4.8	3.30
MRMN200	2.0	1.0	16	3.5	1.60
MRMN300	3.0	1.5	21	4.8	2.35
MRMN400	4.0	2.0	21	4.8	3.30

Chipbreaker	
MG	For general cutting



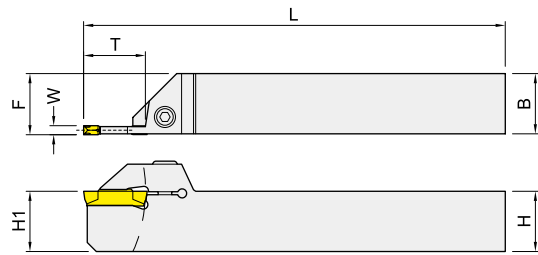
Insert Order Code

Inserts	Order No.	Designation	Working Material					
			P	M	K	N	S	H
	IMGMN200SG32HS	MGMN200-SG-CX32HS	●	●	●		○	○
	IMGMN200SG33TS	MGMN200-SG-CX33TS	●	●	●		●	●
	IMGMN200SG43TS	MGMN200-SG-CX43TS	●	●	●		●	
	IMGMN300MG32HS	MGMN300-MG-CX32HS	●	●	●		○	○
	IMGMN300MG33TS	MGMN300-MG-CX33TS	●	●	●		●	●
	IMGMN300MG43TS	MGMN300-MG-CX43TS	●	●	●		●	
	IMGMN400MG32HS	MGMN400-MG-CX32HS	●	●	●		○	○
	IMGMN400MG33TS	MGMN400-MG-CX33TS	●	●	●		●	●
	IMGMN400MG43TS	MGMN400-MG-CX43TS	●	●	●		●	
	IMRMN200MG32HS	MRMN200-MG-CX32HS	●	●	●		○	○
	IMRMN200MG33TS	MRMN200-MG-CX33TS	●	●	●		●	●
	IMRMN200MG43TS	MRMN200-MG-CX43TS	●	●	●		●	
	IMRMN300MG32HS	MRMN300-MG-CX32HS	●	●	●		○	○
	IMRMN300MG33TS	MRMN300-MG-CX33TS	●	●	●		●	●
	IMRMN300MG43TS	MRMN300-MG-CX43TS	●	●	●		●	
	IMRMN400MG32HS	MRMN400-MG-CX32HS	●	●	●		○	○
	IMRMN400MG33TS	MRMN400-MG-CX33TS	●	●	●		●	●
	IMRMN400MG43TS	MRMN400-MG-CX43TS	●	●	●		●	

* CX32HS, CX33TS grade for General grooving.
CX43TS grade for Interrupted cutting or cut-off.

MGEH Series

Tool Holder Specifications



Right-hand shown

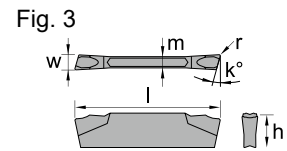
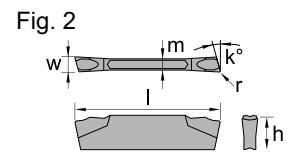
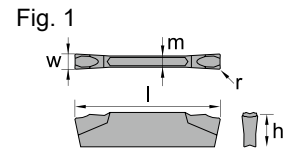
Order No.	Dimensions (mm)						Inserts	Screw	Wrench
	H (H1)	B	L	F	T	W			
IMGEH ^R / _L 1616K2T16T	16	16	125	16.25	16	2.0	MGMN200.. MRMN200..	IHTMT520	IETL25
IMGEH ^R / _L 2020K2T20T	20	20	125	20.25	20	2.0		IHTMT525	IETL25
IMGEH ^R / _L 2525M2T20T	25	25	150	25.25	20	2.0		IHTMT525	IETL25
IMGEH ^R / _L 1616K3T20T	16	16	125	16.30	20	3.0	MGMN300.. MRMG300..	IHTMT520	IETL25
IMGEH ^R / _L 2020K3T20T	20	20	125	20.30	20	3.0		IHTMT525	IETL25
IMGEHR2525M3T20T	25	25	150	25.30	20	3.0		IHTMT525	IETL25
IMGEHR2525M4T20T	25	25	150	25.35	20	4.0	MGMN400.. MRMN400..	IHTMT525	IETL25

KGM Series

Insert Specifications

Insert	Dimensions (mm)						Fig.
	w	r	l	h	m	k°	
GMM2020	2.0	0.20	20	4.3	1.5	-	1
GMM2020R06	2.0	0.20	20	4.3	1.5	6°	2
GMM2020L06	2.0	0.20	20	4.3	1.5	6°	3
GMM2020R15	2.0	0.20	20	4.3	1.5	15°	2
GMM2020L15	2.0	0.20	20	4.3	1.5	15°	3
GMM2520	2.5	0.20	20	4.3	1.9	-	1
GMM2520R06	2.5	0.20	20	4.3	1.9	6°	2
GMM2520L06	2.5	0.20	20	4.3	1.9	6°	3
GMM2520R15	2.5	0.20	20	4.3	1.9	15°	2
GMM2520L15	2.5	0.20	20	4.3	1.9	15°	3
GMM3020	3.0	0.25	20	4.3	2.3	-	1
GMM3020R06	3.0	0.25	20	4.3	2.3	6°	2
GMM3020L06	3.0	0.25	20	4.3	2.3	6°	3
GMM3020R15	3.0	0.25	20	4.3	2.3	15°	2
GMM3020L15	3.0	0.25	20	4.3	2.3	15°	3

Chipbreaker	
MR	For high feed cutting



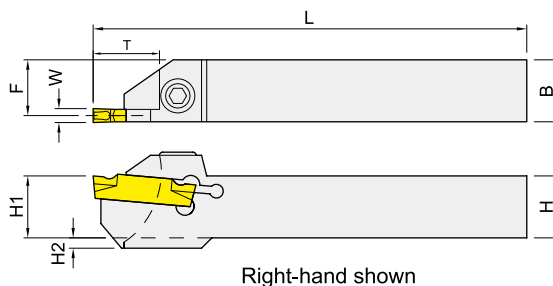
Insert Order Code

Inserts	Order No.	Designation	Working Material					
			P	M	K	N	S	H
	IGMM2020MR32HS	GMM2020-MR-CX32HS	●	●	●		○	○
	IGMM2020MR33TS	GMM2020-MR-CX33TS	●	●	●		●	●
	IGMM2020MR43TS	GMM2020-MR-CX43TS	●	●	●		●	
	IGMM2520MR32HS	GMM2520-MR-CX32HS	●	●	●		○	○
	IGMM2520MR33TS	GMM2520-MR-CX33TS	●	●	●		●	●
	IGMM3020MR32HS	GMM3020-MR-CX32HS	●	●	●		○	○
	IGMM3020MR33TS	GMM3020-MR-CX33TS	●	●	●		●	●
	NEW IGMM2020 ^R / _L 06MR32HS	GMM2020 ^R / _L 06-MR-CX32HS	●	●	●		○	○
	NEW IGMM2020 ^R / _L 06MR33TS	GMM2020 ^R / _L 06-MR-CX33TS	●	●	●		●	●
	NEW IGMM2020 ^R / _L 06MR43TS	GMM2020 ^R / _L 06-MR-CX43TS	●	●	●		●	
	NEW IGMM2520 ^R / _L 06MR32HS	GMM2520 ^R / _L 06-MR-CX32HS	●	●	●		○	○
	NEW IGMM2520 ^R / _L 06MR33TS	GMM2520 ^R / _L 06-MR-CX33TS	●	●	●		●	●
	NEW IGMM3020 ^R / _L 06MR32HS	GMM3020 ^R / _L 06-MR-CX32HS	●	●	●		○	○
	NEW IGMM3020 ^R / _L 06MR33TS	GMM3020 ^R / _L 06-MR-CX33TS	●	●	●		●	●
	NEW IGMM2020 ^R / _L 15MR32HS	GMM2020 ^R / _L 15-MR-CX32HS	●	●	●		○	○
	NEW IGMM2020 ^R / _L 15MR33TS	GMM2020 ^R / _L 15-MR-CX33TS	●	●	●		●	●
	NEW IGMM2020 ^R / _L 15MR43TS	GMM2020 ^R / _L 15-MR-CX43TS	●	●	●		●	
	NEW IGMM2520 ^R / _L 15MR32HS	GMM2520 ^R / _L 15-MR-CX32HS	●	●	●		○	○
	NEW IGMM2520 ^R / _L 15MR33TS	GMM2520 ^R / _L 15-MR-CX33TS	●	●	●		●	●
	NEW IGMM3020 ^R / _L 15MR32HS	GMM3020 ^R / _L 15-MR-CX32HS	●	●	●		○	○
	NEW IGMM3020 ^R / _L 15MR33TS	GMM3020 ^R / _L 15-MR-CX33TS	●	●	●		●	●

* CX32HS, CX33TS grade for General grooving.
CX43TS grade for Interrupted cutting or cut-off.

KGM Series

Tool Holder Specifications

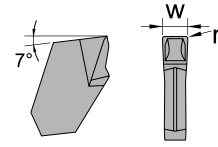


Order No.	Dimensions (mm)						W (mm)		Inserts	Screw	Wrench	
	H (H1)	B	L	F	T	H2	min	max				
IKGM ^R / _L 1212K1.5L10	12	12	125	11.4	10	2	1.5	2.0	GMM2020..	IHTM416	IPL30	
IKGM ^R / _L 1616K1.5L10	16	16	125	15.4	10	-	1.5	2.0		IHTMT520	IETL25	
IKGM ^R / _L 2020K1.5L10	20	20	125	19.4	10	-	1.5	2.0		IHTMT525	IETL25	
IKGM ^R / _L 2525M1.5L10	25	25	150	24.4	10	-	1.5	2.0		IHTMT525	IETL25	
IKGM ^R / _L 1212K2TL10	12	12	125	11.1	10	2	2.0	3.0	GMM2020.. GMM2520.. GMM3020..	IHTM416	IPL30	
IKGM ^R / _L 1616K2TL10	16	16	125	15.1	10	-	2.0	3.0		IHTMT520	IETL25	
IKGM ^R / _L 2020K2TL10	20	20	125	19.1	10	-	2.0	3.0		IHTMT525	IETL25	
IKGM ^R / _L 2525M2TL10	25	25	150	24.1	10	-	2.0	3.0		IHTMT525	IETL25	
IKGM ^R / _L 1212K2TL13	12	12	125	11.1	13	3	2.0	3.0		IHTM420	IPL30	
IKGM ^R / _L 1616K2TL13	16	16	125	15.1	13	-	2.0	3.0		IHTMT520	IETL25	
IKGM ^R / _L 2020K2TL13	20	20	125	19.1	13	-	2.0	3.0		IHTMT525	IETL25	
IKGM ^R / _L 2525M2TL13	25	25	150	24.1	13	-	2.0	3.0		IHTMT525	IETL25	
IKGM ^R / _L 1212K2TL17	12	12	125	11.1	17	4	2.0	3.0		IHTM420	IPL30	
IKGM ^R / _L 1616K2TL17	16	16	125	15.1	17	-	2.0	3.0		IHTMT520	IETL25	
IKGM ^R / _L 2020K2TL17	20	20	125	19.1	17	-	2.0	3.0		IHTMT525	IETL25	
IKGM ^R / _L 2525M2TL17	25	25	150	24.1	17	-	2.0	3.0		IHTMT525	IETL25	
IKGM ^R / _L 1616K3TL16	16	16	125	14.8	16	-	3.0	4.0		GMM3020..	IHTMT520	IETL25
IKGM ^R / _L 2020K3TL16	20	20	125	18.8	16	-	3.0	4.0			IHTMT525	IETL25
IKGM ^R / _L 2525M3TL16	25	25	150	23.8	16	-	3.0	4.0			IHTMT525	IETL25
IKGM ^R / _L 1616K3TL20	16	16	125	14.8	20	4	3.0	4.0			IHTMT525	IETL25
IKGM ^R / _L 2020K3TL20	20	20	125	18.8	20	-	3.0	4.0	IHTMT525		IETL25	
IKGM ^R / _L 2525M3TL20	25	25	150	23.8	20	-	3.0	4.0	IHTMT525		IETL25	
IKGMR3232P3TL20	32	32	170	30.8	20	-	3.0	4.0	IHTMT525		IETL25	


SGIH Series

Insert Specifications

Insert	Dimensions (mm)	
	w	r
TGTN0220	2.2	0.2
TGTN0310	3.1	0.2
TGTN0410	4.1	0.25



Insert Order Code

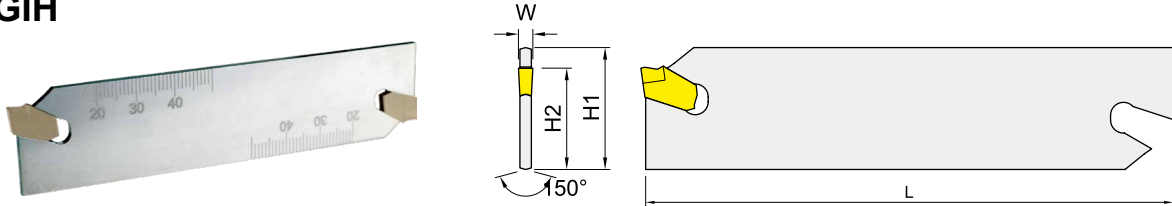
Inserts	Order No.	Designation	Working Material					
			P	M	K	N	S	H
	ITGTN022032HS	TGTN0220-CX32HS	●	●	●		○	○
	ITGTN022033TS	TGTN0220-CX33TS	●	●	●		●	●
	ITGTN022043TS	TGTN0220-CX43TS	●	●	●		●	
	ITGTN031032HS	TGTN0310-CX32HS	●	●	●		○	○
	ITGTN031033TS	TGTN0310-CX33TS	●	●	●		●	●
	ITGTN031043TS	TGTN0310-CX43TS	●	●	●		●	
	ITGTN041032HS	TGTN0410-CX32HS	●	●	●		○	○
	ITGTN041033TS	TGTN0410-CX33TS	●	●	●		●	●
	ITGTN041043TS	TGTN0410-CX43TS	●	●	●		●	

* CX32HS, CX33TS grade for General grooving.
CX43TS grade for Interrupted cutting or cut-off.

SGIH Series

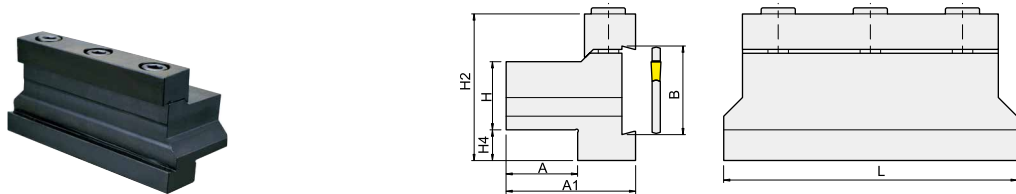
Tool Holder Specifications

SGIH



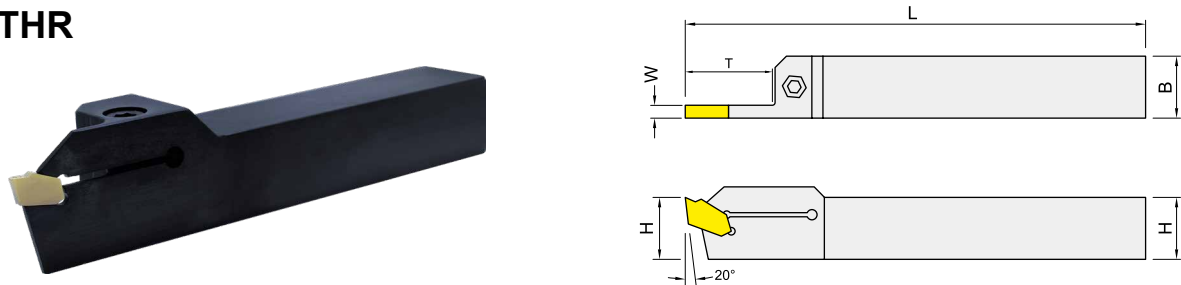
Order No.	Dimensions (mm)				Insert	Tool Block	Wrench
	H1	H2	L	W			
ISGIH26-2	26	21.4	110	2.2	TGTN0220	ISGTBU..26	IESG-1
ISGIH26-3	26	21.4	110	3.1	TGTN0310		
ISGIH26-4	26	21.4	110	4.1	TGTN0410		
ISGIH32-2	32	25	150	2.2	TGTN0220	ISGTBU..32	
ISGIH32-3	32	25	150	3.1	TGTN0310		
ISGIH32-4	32	25	150	4.1	TGTN0410		

SGTBU



Order No.	Dimensions (mm)							Screw	Wrench	BLADE
	H	B	A	A1	L	H2	H4			
ISGTBU20-26	20	26	21	38	86	43	9	IHTM630	IPL50	ISGIH26-3
ISGTBU25-26	25	26	23	40	86	43	4			
ISGTBU20-32	20	32	21	40	110	50	13			ISGIH32-3
ISGTBU25-32	25	32	23	42	110	50	8			

SGTHR



Order No.	Dimensions (mm)					Insert	Screw	Wrench
	H	B	L	W	T			
ISGTHR16162	16	16	110	2	16	TGTN0220	IHTM521	IPL40
ISGTHR20202	20	20	125	2	18			
ISGTHR20203	20	20	125	3	20	TGTN0310	IHTM625	IPL50
ISGTHR25253	25	25	150	3	25			
ISGTHR25254	25	25	150	4	30	TGTN0410	IHTM625	IPL50

WINSTAR CUTTING TECHNOLOGIES CORP.

No. 10, Gongye 6th Rd., Annan Dist., Tainan City 709, Taiwan
(Tainan Technology Industrial Park)

TEL : +886-6-3840386

FAX : +886-6-3840387

www.winstarcutting.com

info@winstarcutting.com