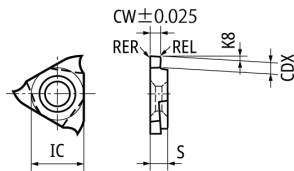


OD Grooving | GTMH(X)32.. series/Inserts Carbide

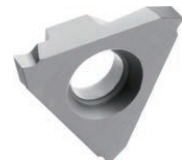
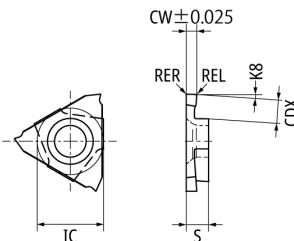
■ GTMH32-GX Side Turning / 3D mold chipbreaker



● Diagram shows right-hand tool

Item Number	Hand	Chip-breaker	APMX	CDX	CW	EPSR	GAN	IC	K8	REL	RER	S	Carbide PVD		
			mm	mm	mm	°	°	mm	°	mm	mm	mm	DM4	ST4	TM4
GTMH32033RGX	R	Yes	0.25	0.6	0.33	60	17	9.525	2	0.05	0.05	3.18	●	●	●
GTMH32043RGX	R	Yes	0.9	1.2	0.43	60	17	9.525	2	0.05	0.05	3.18	●	●	●
GTMH32050RGX	R	Yes	0.9	1.2	0.5	60	17	9.525	2	0.05	0.05	3.18	●	●	●
GTMH32053RGX	R	Yes	0.9	1.2	0.53	60	17	9.525	2	0.05	0.05	3.18	●	●	●
GTMH32075RGX	R	Yes	1.6	2	0.75	60	17	9.525	2	0.05	0.05	3.18	●	●	●
GTMH32095RGX	R	Yes	1.6	2	0.95	60	17	9.525	2	0.05	0.05	3.18	●	●	●
GTMH32100RGX	R	Yes	1.6	2	1	60	17	9.525	2	0.05	0.05	3.18	●	●	●
GTMH32100RGX01	R	Yes	1.6	2	1	60	17	9.525	2	0.1	0.1	3.18	●	●	●
GTMH32150RGX	R	Yes	2.7	3	1.5	60	17	9.525	2	0.05	0.05	3.18	●	●	●
GTMH32150RGX01	R	Yes	2.7	3	1.5	60	17	9.525	2	0.1	0.1	3.18	●	●	●
GTMH32150RGX02	R	Yes	2.7	3	1.5	60	17	9.525	2	0.2	0.2	3.18	●	●	●
GTMH32200RGX	R	Yes	2.7	3	2	60	17	9.525	2	0.05	0.05	3.18	●	●	●
GTMH32200RGX01	R	Yes	2.7	3	2	60	17	9.525	2	0.1	0.1	3.18	●	●	●
GTMH32200RGX02	R	Yes	2.7	3	2	60	17	9.525	2	0.2	0.2	3.18	●	●	●
GTMH32300RGX	R	Yes	2.7	3	3	60	17	9.525	2	0.05	0.05	3.18	●	●	●
GTMH32300RGX02	R	Yes	2.7	3	3	60	17	9.525	2	0.2	0.2	3.18	●	●	●

■ GTMX32-T Side Turning

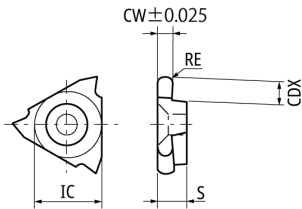


● Diagram shows right-hand tool

Item Number	Hand	Chip-breaker	APMX	CDX	CW	EPSR	GAN	IC	K8	REL	RER	S	Carbide PVD	
			mm	mm	mm	°	°	mm	°	mm	mm	mm	QM3	DT4
GTMX32030RT	R	Yes	0.25	0.6	0.3	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32033RT	R	Yes	0.25	0.6	0.33	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32043RT	R	Yes	0.9	1.2	0.43	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32050RT	R	Yes	0.9	1.2	0.5	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32053RT	R	Yes	0.9	1.2	0.53	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32065RT	R	Yes	0.9	1.2	0.65	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32075RT	R	Yes	1.6	2	0.75	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32080RT	R	Yes	1.6	2	0.8	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32095RT	R	Yes	1.6	2	0.95	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32100RT	R	Yes	1.6	2	1	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32110RT	R	Yes	1.6	2	1.1	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32120RT	R	Yes	1.6	2	1.2	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32125RT	R	Yes	1.6	2	1.25	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32130RT	R	Yes	1.6	2	1.3	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32140RT	R	Yes	1.6	2	1.4	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32145RT	R	Yes	2.7	3	1.45	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32150RT	R	Yes	2.7	3	1.5	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32160RT	R	Yes	2.7	3	1.6	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32175RT	R	Yes	2.7	3	1.75	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32180RT	R	Yes	2.7	3	1.8	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32200RT	R	Yes	2.7	3	2	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32250RT	R	Yes	2.7	3	2.5	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32300RT	R	Yes	2.7	3	3	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32100RT01	R	Yes	1.6	2	1	60	14	9.525	2	0.1	0.1	3.18	●	●
GTMX32120RT01	R	Yes	1.6	2	1.2	60	14	9.525	2	0.1	0.1	3.18	●	●
GTMX32150RT01	R	Yes	2.7	3	1.5	60	14	9.525	2	0.1	0.1	3.18	●	●
GTMX32200RT01	R	Yes	2.7	3	2	60	14	9.525	2	0.1	0.1	3.18	●	●
GTMX32250RT01	R	Yes	2.7	3	2.5	60	14	9.525	2	0.1	0.1	3.18	●	●
GTMX32150RT02	R	Yes	2.7	3	1.5	60	14	9.525	2	0.2	0.2	3.18	●	●
GTMX32200RT02	R	Yes	2.7	3	2	60	14	9.525	2	0.2	0.2	3.18	●	●
GTMX32250RT02	R	Yes	2.7	3	2.5	60	14	9.525	2	0.2	0.2	3.18	●	●
GTMX32300RT02	R	Yes	2.7	3	3	60	14	9.525	2	0.2	0.2	3.18	●	●
GTMX32050LT	L	Yes	0.9	1.2	0.5	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32075LT	L	Yes	1.6	2	0.75	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32095LT	L	Yes	1.6	2	0.95	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32150LT	L	Yes	2.7	3	1.5	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32200LT	L	Yes	2.7	3	2	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32250LT	L	Yes	2.7	3	2.5	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32200LT01	L	Yes	2.7	3	2	60	14	9.525	2	0.1	0.1	3.18	●	●

T
Grooving/
Side-Turning

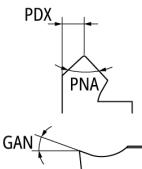
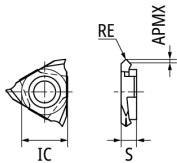
GTMH32 Full radius style



● Diagram shows right-hand tool

Item Number	Hand	Chip-breaker	APMX	CDX	CW	EPSR	GAN	IC	RE	S	Carbide PVD ZM3
			mm	mm	mm	°	°	mm	mm	mm	
GTMH32050RE025	R	Yes	0.9	1.2	0.5	60	20	9.525	0.25	3.18	●
GTMH32070RE035	R	Yes	1.6	2	0.7	60	20	9.525	0.35	3.18	●
GTMH32100RE05	R	Yes	1.6	2	1	60	20	9.525	0.5	3.18	●
GTMH32150RE075	R	Yes	2.7	3	1.5	60	20	9.525	0.75	3.18	●
GTMH32200RE10	R	Yes	2.7	3	2	60	20	9.525	1	3.18	●
GTMH32250RE125	R	Yes	2.7	3	2.5	60	20	9.525	1.25	3.18	●
GTMH32300RE15	R	Yes	2.7	3	3	60	20	9.525	1.5	3.18	●

GTMX32-V90 90 Degree V-style



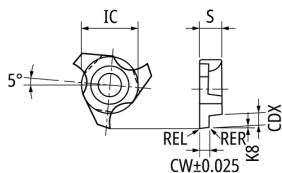
● Diagram shows right-hand tool

Item Number	Hand	Chip-breaker	APMX	EPSR	GAN	IC	PDX	PNA	RE	S	Carbide PVD TM4
			mm	°	°	mm	mm	°	mm	mm	
GTMX32V90R005	R	Yes	0.35	60	20	9.525	0.5	90	0.05	3.18	●
GTMX32V90R010	R	Yes	0.7	60	20	9.525	1	90	0.1	3.18	●

T Grooving/
Side-Turning

GTG.. series/Inserts Carbide

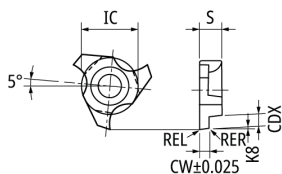
GTG..005



● Diagram shows left-hand tool

Item Number	Hand	Chip-breaker	APMX	CDX	CW	EPSR	IC	K8	REL	RER	S	Carbide PVD
			mm	mm	mm	°	mm	°	mm	mm	mm	
GTG10050FL005	L	Yes	1	1.2	0.5	60	5.56	2	0.05	0.05	3.18	●
GTG10075FL005	L	Yes	1	1.2	0.75	60	5.56	2	0.05	0.05	3.18	●
GTG10100FL005	L	Yes	1	1.2	1	60	5.56	2	0.05	0.05	3.18	●
GTG10150FL005	L	Yes	1	1.2	1.5	60	5.56	2	0.05	0.05	3.18	●
GTG10200FL005	L	Yes	1	1.2	2	60	5.56	2	0.05	0.05	3.18	●

GTG..



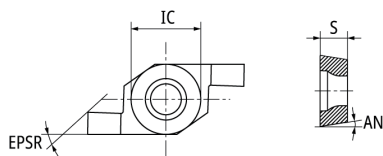
● Diagram shows left-hand tool

Item Number	Hand	Chip-breaker	APMX	CDX	CW	EPSR	IC	K8	REL	RER	S	Carbide PVD	
			mm	mm	mm	°	mm	°	mm	mm	mm	QM3	ZM3
GTG10050FL00	L	Yes	1	1.2	0.5	60	5.56	2	0.05	0.05	3.18	●	●
GTG10065FL00	L	Yes	1	1.2	0.65	60	5.56	2	0.05	0.05	3.18	●	●
GTG10075FL00	L	Yes	1	1.2	0.75	60	5.56	2	0.05	0.05	3.18	●	●
GTG10100FL00	L	Yes	1	1.2	1	60	5.56	2	0.05	0.05	3.18	●	●
GTG10150FL00	L	Yes	1	1.2	1.5	60	5.56	2	0.05	0.05	3.18	●	●
GTG10200FL01	L	Yes	1	1.2	2	60	5.56	2	0.1	0.1	3.18	●	●
GTG14100FL00	L	Yes	2	2.2	1	60	7.94	2	0.05	0.05	3.18	●	●
GTG14150FL00	L	Yes	2	2.2	1.5	60	7.94	2	0.05	0.05	3.18	●	●
GTG14200FL01	L	Yes	2	2.2	2	60	7.94	2	0.1	0.1	3.18	●	●
GTG20150FL	L	Yes	3	3.2	1.5	60	9.525	2	0.2	0.2	3.18	●	●
GTG20200FL	L	Yes	3	3.2	2	60	9.525	2	0.2	0.2	3.18	●	●

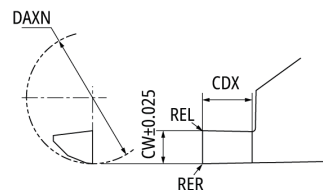
Face Grooving SATURN DUO

FGV_FBV.. series/Inserts Carbide

FGV

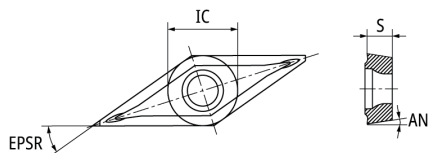


● Diagram shows right-hand tool



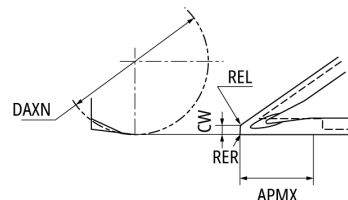
Item Number	Hand	Chip-breaker	DAXN	APMX	CDX	AN	CW	EPSR	IC	REL	RER	S	Carbide PVD TM4
FGV100RB00D6	R	Yes	6	1.5	1.75	7	1	35	6.35	0	0	2.38	●
FGV100RB05D6	R	Yes	6	1.5	1.8	7	1	35	6.35	0.05	0.05	2.38	●
FGV150RB00D6	R	Yes	6	2	2.2	7	1.5	35	6.35	0	0	2.38	●
FGV150RB05D6	R	Yes	6	2	2.3	7	1.5	35	6.35	0.05	0.05	2.38	●
FGV200RB00D6	R	Yes	6	3	3.2	7	2	35	6.35	0	0	2.38	●
FGV200RB05D6	R	Yes	6	3	3.3	7	2	35	6.35	0.05	0.05	2.38	●
FGV100LB00D6	L	Yes	6	1.5	1.75	7	1	35	6.35	0	0	2.38	●
FGV100LB05D6	L	Yes	6	1.5	1.8	7	1	35	6.35	0.05	0.05	2.38	●
FGV150LB00D6	L	Yes	6	2	2.2	7	1.5	35	6.35	0	0	2.38	●
FGV150LB05D6	L	Yes	6	2	2.3	7	1.5	35	6.35	0.05	0.05	2.38	●
FGV200LB00D6	L	Yes	6	3	3.2	7	2	35	6.35	0	0	2.38	●
FGV200LB05D6	L	Yes	6	3	3.3	7	2	35	6.35	0.05	0.05	2.38	●

FBV



● Diagram shows right-hand tool

Note: Only CH-FGVR and DS-FGVR can take FBV Right hand insert.

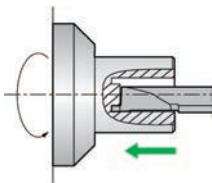
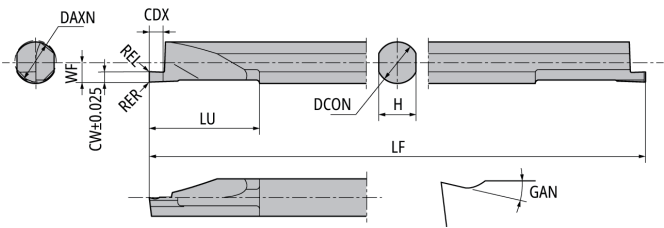


Item Number	Hand	Chip-breaker	DAXN	APMX	AN	CW	EPSR	IC	REL	RER	S	Carbide PVD TM4
FBV40R05D8AM3	R	Yes	8	4	7	(0.5)	35	6.35	0.2	0.05	2.38	●
FBV40R15D8AM3	R	Yes	8	4	7	(0.5)	35	6.35	0.2	0.15	2.38	●

ID Face Grooving
STICK DUO

SFG.. series/Insert bar Carbide

SFG



● Diagram shows right-hand tool

Item Number	Hand	Chip-breaker	DAXN	APMX	CDX	CW	DCON	GAN	H	LF	LU	REL	RER	WF	Carbide PVD TM4
			mm	mm	mm	mm	mm	°	mm	mm	mm	mm	mm	mm	
SFG060R100B	R	Yes	6	1.5	1.7	1	6	14	5.4	80	16	0.05	0.05	2.8	●
SFG060R150B	R	Yes	6	2	2.2	1.5	6	14	5.4	80	16	0.05	0.05	2.8	●
SFG060R200B	R	Yes	6	3	3.2	2	6	14	5.4	80	16	0.05	0.05	2.8	●
SFG080R100B	R	Yes	8	1.5	1.7	1	8	14	7.3	80	16	0.05	0.05	3.8	●
SFG080R150B	R	Yes	8	2	2.2	1.5	8	14	7.3	80	16	0.05	0.05	3.8	●
SFG080R200B	R	Yes	8	3	3.2	2	8	14	7.3	80	16	0.05	0.05	3.8	●
SFG080R300B	R	Yes	8	3	3.2	3	8	14	7.3	80	16	0.05	0.05	3.8	●