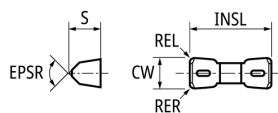


OD Grooving

GEV / GTV.. series/Insert Carbide

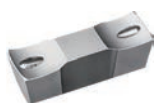
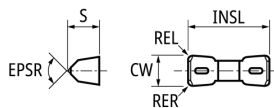
GEV



Item Number	Hand	Chip-breaker	CW mm	EPSR °	INSL mm	REL mm	RER mm	S mm	Carbide PVD QM3
GEV300N	N	Yes	3	90	20	0.2	0.2	5.2	●
GEV300N04	N	Yes	3	90	20	0.4	0.4	5.2	●
GEV350N04	N	Yes	3.5	90	20	0.4	0.4	5.2	●
GEV400N	N	Yes	4	90	20	0.2	0.2	8.5	●
GEV400N04	N	Yes	4	90	20	0.4	0.4	8.5	●
GEV450N04	N	Yes	4.5	90	20	0.4	0.4	8.5	●
GEV500N	N	Yes	5	90	20	0.2	0.2	8.5	●
GEV500N04	N	Yes	5	90	20	0.4	0.4	8.5	●
GEV550N04	N	Yes	5.5	90	20	0.4	0.4	8.5	●
GEV600N	N	Yes	6	90	20	0.2	0.2	8.5	●
GEV600N04	N	Yes	6	90	20	0.4	0.4	8.5	●
GEV650N04	N	Yes	6.5	90	20	0.4	0.4	8.5	●
GEV700N04	N	Yes	7	90	20	0.4	0.4	8.5	●
GEV750N04	N	Yes	7.5	90	20	0.4	0.4	8.5	●
GEV800N04	N	Yes	8	90	20	0.4	0.4	8.5	●

GTV

No.1



No.2

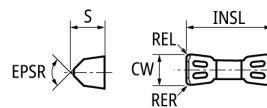
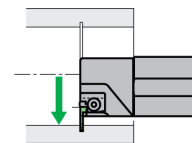
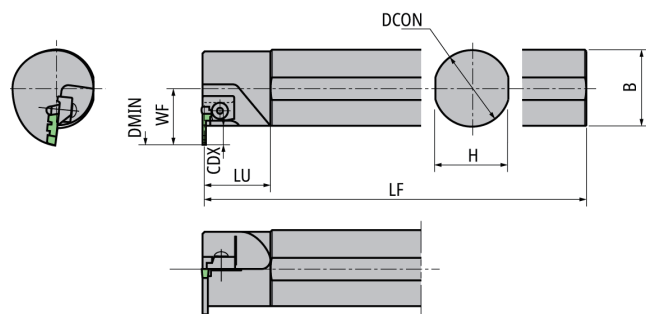


Figure	Item Number	Hand	Chip-breaker	CW mm	EPSR °	INSL mm	REL mm	RER mm	S mm	Carbide PVD QM3
1	GTV400N	N	Yes	4	90	20	0.15	0.15	8.5	●
1	GTV400N04	N	Yes	4	90	20	0.4	0.4	8.5	●
2	GTV600N	N	Yes	6	90	20	0.15	0.15	8.5	●
2	GTV600N04	N	Yes	6	90	20	0.4	0.4	8.5	●

ID Grooving

GEV.. series/Toolholders

GKV-3



● Diagram shows right-hand tool

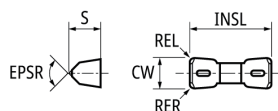
EDP	Item Number	Stock	Hand	DMIN mm	APMX mm	B mm	CDX mm	DCON mm	H mm	LF mm	LU mm	WF mm	Insert Gage
5255567	GKVR3230-3	●	R	30	5.5	31	6	32	30	200	50	21	GEV..
5255559	GKVR3240-3	●	R	40	7.5	31	8	32	30	250	50	23	GEV..
5255542	GKVR4055-3	●	R	55	9.5	39	10	40	38	300	35	29	GEV..

Spare Parts

Item Number	Clamp	Clamp screw	Spring	Wrench (for Clamp screw)
GKVR3230-3	CVL3SN	AOB-5C	ASG-5	LW-3
GKVR3240-3	CVL3SN	AOB-5C	ASG-5	LW-3
GKVR4055-3	CVL3SN	AOB-5C	ASG-5	LW-3

GEV.. series/Insert Carbide

GEV

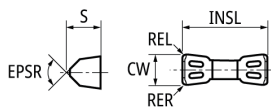


Item Number	Hand	Chip-breaker	CW mm	EPSR °	INSL mm	REL mm	RER mm	S mm	Carbide PVD QM3
GEV300N	N	Yes	3	90	20	0.2	0.2	5.2	●
GEV300N04	N	Yes	3	90	20	0.4	0.4	5.2	●
GEV350N04	N	Yes	3.5	90	20	0.4	0.4	5.2	●

Face Grooving

GFV.. series/Insert Carbide

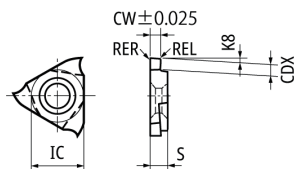
GFV-N



Item Number	Hand	Chip-breaker	CW mm	EPSR °	INSL mm	REL mm	RER mm	S mm	Carbide PVD QM3
GFV600N	N	Yes	6	90	20	0.15	0.15	5.2	●
GFV600N04	N	Yes	6	90	20	0.4	0.4	5.2	●

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

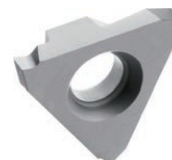
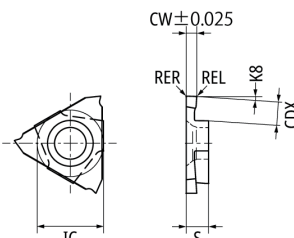
■ GTMH32-GX Side Turning / 3D mold chipbreaker



● 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

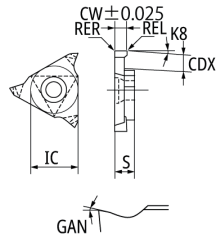
Item Number	Hand	Chip-breaker	APMX	CDX	CW	EPSR	GAN	IC	K8	REL	RER	S	Carbide PVD	
			mm	mm	mm	°	°	mm	°	mm	mm	mm	QM3	DT4
GTMX32030RT	R	Yes	0.25	0.6	0.3	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32033RT	R	Yes	0.25	0.6	0.33	60	14	9.525	2	0.05	0.05	3.18	●	●
GTMX32043RT	R	Yes	0.9	1.2	0.43	60	14	9.525	2	0.05	0.05	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

OD Grooving

GTMT(A)43.. series/Inserts Carbide

GTMT43

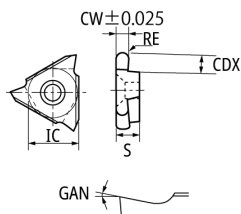


● Diagram shows right-hand tool

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	QM3
GTMT43145R	R	Yes	3	3.5	1.45	60	11	12.7	2	0.2	0.2	4.76	●	●
GTMT43150R	R	Yes	3	3.5	1.5	60	11	12.7	2	0.2	0.2	4.76	●	●
GTMT43175R	R	Yes	3	3.5	1.75	60	11	12.7	2	0.2	0.2	4.76	●	●
GTMT43185R	R	Yes	3	3.5	1.85	60	11	12.7	2	0.2	0.2	4.76	●	●
GTMT43200R	R	Yes	3	3.5	2	60	11	12.7	2	0.2	0.2	4.76	●	●
GTMT43230R	R	Yes	3	3.5	2.3	60	11	12.7	2	0.2	0.2	4.76	●	●
GTMT43250R	R	Yes	4.3	5.5	2.5	60	11	12.7	2	0.3	0.3	4.76	●	●
GTMT43265R	R	Yes	4.3	5.5	2.65	60	11	12.7	2	0.3	0.3	4.76	●	●
GTMT43280R	R	Yes	4.3	5.5	2.8	60	11	12.7	2	0.3	0.3	4.76	●	●
GTMT43300R	R	Yes	4.3	5.5	3	60	11	12.7	2	0.3	0.3	4.76	●	●
GTMT43330R	R	Yes	4.3	5.5	3.3	60	11	12.7	2	0.3	0.3	4.76		●
GTMT43350R	R	Yes	4.3	5.5	3.5	60	11	12.7	2	0.3	0.3	4.76	●	●
GTMT43400R	R	Yes	4.3	5.5	4	60	11	12.7	2	0.4	0.4	4.76	●	●
GTMT43450R	R	Yes	4.3	5.5	4.5	60	11	12.7	2	0.4	0.4	4.76	●	●
GTMT43500R	R	Yes	4.3	5.5	5	60	11	12.7	2	0.4	0.4	5.76	●	●
GTMT43550R	R	Yes	4.3	5.5	5.5	60	11	12.7	2	0.4	0.4	5.76	●	●
GTMT43145L	L	Yes	3	3.5	1.45	60	11	12.7	2	0.2	0.2	4.76	●	●
GTMT43150L	L	Yes	3	3.5	1.5	60	11	12.7	2	0.2	0.2	4.76	●	●
GTMT43175L	L	Yes	3	3.5	1.75	60	11	12.7	2	0.2	0.2	4.76	●	●
GTMT43185L	L	Yes	3	3.5	1.85	60	11	12.7	2	0.2	0.2	4.76	●	●
GTMT43200L	L	Yes	3	3.5	2	60	11	12.7	2	0.2	0.2	4.76	●	●
GTMT43230L	L	Yes	3	3.5	2.3	60	11	12.7	2	0.2	0.2	4.76	●	●
GTMT43280L	L	Yes	4.3	5.5	2.8	60	11	12.7	2	0.3	0.3	4.76	●	●
GTMT43300L	L	Yes	4.3	5.5	3	60	11	12.7	2	0.3	0.3	4.76	●	●
GTMT43330L	L	Yes	4.3	5.5	3.3	60	11	12.7	2	0.3	0.3	4.76		●
GTMT43350L	L	Yes	4.3	5.5	3.5	60	11	12.7	2	0.3	0.3	4.76	●	●
GTMT43400L	L	Yes	4.3	5.5	4	60	11	12.7	2	0.4	0.4	4.76	●	●
GTMT43450L	L	Yes	4.3	5.5	4.5	60	11	12.7	2	0.4	0.4	4.76	●	●
GTMT43500L	L	Yes	4.3	5.5	5	60	11	12.7	2	0.4	0.4	5.76	●	●
GTMT43550L	L	Yes	4.3	5.5	5.5	60	11	12.7	2	0.4	0.4	5.76	●	●

T
Grooving/
Side-turning

GTMA43 Full radius style

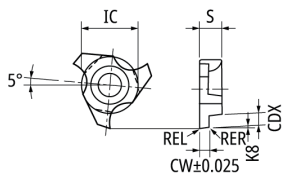


● Diagram shows right-hand tool

Item Number			APMX	CDX	CW	EPSR	GAN	IC	RE	S	Carbide PVD	
			mm	mm	mm	°	°	mm	mm	mm	QM3	
GTMA43200R10R	R	Yes	3	3.5	2	60	11	12.7	1	4.76	●	
GTMA43300R15R	R	Yes	4.5	5.5	3	60	11	12.7	1.5	4.76	●	
GTMA43400R20R	R	Yes	4.5	5.5	4	60	11	12.7	2	4.76	●	

GTG.. series/Inserts Carbide

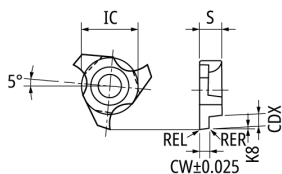
GTG..005



● 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	●	●