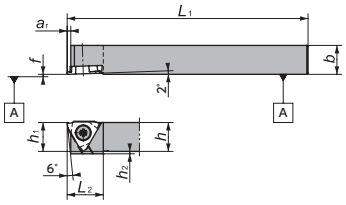
GTT Series

GTT

Screw accessible from both sides



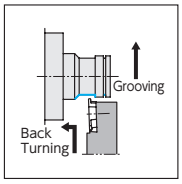
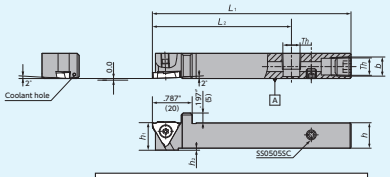


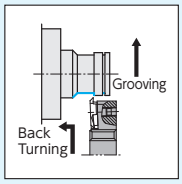
Figure-1

Right-Hand style shown

GTT-OH2 (Coolant through)

Screw accessible from both sides





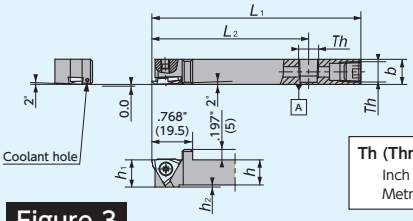
Th (Thread type)
Inch size holder : NPT1/8
Metric size holder: M6, Rc1/8 (PT1/8)

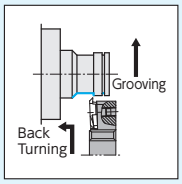
Figure-2

Right-Hand style shown

GTT-OH (Coolant through)

Screw accessible from both sides



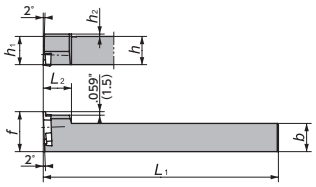


Th (Thread type)
Inch size holder : NPT1/8
Metric size holder: M6, Rc1/8 (PT1/8)

Figure-3

Right-Hand style shown

CH-GTT



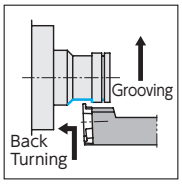


Figure-4

Left-Hand style shown
Takes Right-hand Insert

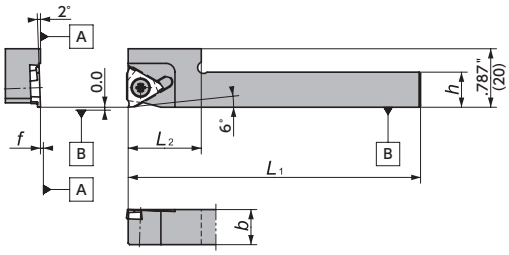
GTT

Gage Insert	Item Number	Figure	Stock R	Stock L	Groove Width W (Inch)	Groove Width W (mm)	h (Inch)	h (mm)	b (Inch)	b (mm)	h_1 (Inch)	h_1 (mm)	L_1 (Inch)	L_1 (mm)	f (Inch)	f (mm)	L_2 (Inch)	L_2 (mm)	a_r (Inch)	a_r (mm)	h_2 (Inch)	h_2 (mm)	Th	Clamp Screw	Wrench
GTM..32 TMG32	GTTR/L06A-IN	1	●	●	.012-.125	0.30-3.17	3/8		3/8		3/8		4.724	120	.000	0	.591	15.0	.071	1.8	.118	3	–	LR-S-4×10PW	CLR-15S
	GTTR/L06B-IN	1	●	●	.057-.125	1.45-3.17	3/8		3/8		3/8		4.724	120	.000	0	.591	15.0	.106	2.7	.118	3	–	LR-S-4×10PW	CLR-15S
	GTTR/L08A-IN	1	●	●	.012-.125	0.30-3.17	1/2		1/2		1/2		4.724	120	.000	0	.591	15.0	.071	1.8	.039	1	–	LR-S-4×10PW	CLR-15S
	GTTR/L08B-IN	1	●	●	.057-.125	1.45-3.17	1/2		1/2		1/2		4.724	120	.000	0	.591	15.0	.106	2.7	.039	1	–	LR-S-4×10PW	CLR-15S
	GTTR/L10A-IN	1	●	●	.012-.125	0.30-3.17	5/8		5/8		5/8		4.724	120	.000	0	.591	15.0	.071	1.8	.000	0	–	LR-S-4×10PW	CLR-15S
	GTTR/L10B-IN	1	●	●	.057-.125	1.45-3.17	5/8		5/8		5/8		4.724	120	.000	0	.591	15.0	.106	2.7	.000	0	–	LR-S-4×10PW	CLR-15S
	GTTR/L12A-IN	1	●	●	.012-.125	0.30-3.17	3/4		3/4		3/4		4.724	120	.000	0	.591	15.0	.071	1.8	.000	0	–	LR-S-4×10PW	CLR-15S
	GTTR/L12B-IN	1	●		.057-.125	1.45-3.17	3/4		3/4		3/4		4.724	120	.000	0	.591	15.0	.106	2.7	.000	0	–	LR-S-4×10PW	CLR-15S
	GTTR/L08F00	1	○	○	.012-.125	0.30-3.17	.315	8	.315	8	.315	8	3.150	80	.000	0	.591	15.0	.071	1.8	.157	5	–	R:LR-S-4×10PW L:LR-S-4×5.8	CLR-15S
	GTTR/L0810F00	1	○	○	.012-.125	0.30-3.17	.315	8	.394	10	.315	8	3.150	80	.000	0	.591	15.0	.071	1.8	.157	5	–	LR-S-4×10PW	CLR-15S
	GTTR/L08K00	1	○	○	.012-.125	0.30-3.17	.315	8	.315	8	.315	8	4.724	120	.000	0	.591	15.0	.071	1.8	.157	5	–	R:LR-S-4×10PW L:LR-S-4×5.8	CLR-15S
	GTTR/L0810K00	1	○	○	.012-.125	0.30-3.17	.315	8	.394	10	.315	8	4.724	120	.000	0	.591	15.0	.071	1.8	.157	5	–	LR-S-4×10PW	CLR-15S
	GTTR/L10F00	1	○		.012-.125	0.30-3.17	.394	10	.394	10	.394	10	3.150	80	.000	0	.591	15.0	.071	1.8	.118	3	–	LR-S-4×10PW	CLR-15S
	GTTR/L10K00	1	○		.012-.125	0.30-3.17	.394	10	.394	10	.394	10	4.724	120	.000	0	.591	15.0	.071	1.8	.118	3	–	LR-S-4×10PW	CLR-15S
	GTTR/L12F00	1	○	○	.012-.125	0.30-3.17	.472	12	.472	12	.472	12	3.150	80	.000	0	.591	15.0	.071	1.8	.040	1	–	LR-S-4×10PW	CLR-15S
	GTTR/L12K00	1	●	○	.012-.125	0.30-3.17	.472	12	.472	12	.472	12	4.724	120	.000	0	.591	15.0	.071	1.8	.040	1	–	LR-S-4×10PW	CLR-15S
	GTTR/L16H00	1	○	○	.012-.125	0.30-3.17	.630	16	.630	16	.630	16	3.937	100	.000	0	.591	15.0	.071	1.8	.000	0	–	LR-S-4×10PW	CLR-15S
	GTTR/L16K00	1	○	○	.012-.125	0.30-3.17	.630	16	.630	16	.630	16	4.724	120	.000	0	.591	15.0	.071	1.8	.000	0	–	LR-S-4×10PW	CLR-15S
	GTTR/L20K00	1	○	○	.012-.125	0.30-3.17	.787	20	.787	20	.787	20	4.921	125	.000	0	.591	15.0	.106	2.7	.000	0	–	LR-S-4×10PW	CLR-15S
	GTTR/L25M00	1	○	○	.012-.125	0.30-3.17	.984	25	.984	25	.984	25	5.906	150	.000	0	.591	15.0	.106	2.7	.000	0	–	LR-S-4×10PW	CLR-15S
	GTTR/L10F15	1	○	○	.057-.125	1.45-3.17	.394	10	.394	10	.394	10	3.150	80	.000	0	.591	15.0	.106	2.7	.118	3	–	LR-S-4×10PW	CLR-15S
	GTT 10K15	1	○	○	.057-.125	1.45-3.17	.394	10	.394	10	.394	10	4.724	120	.000	0	.591	15.0	.106	2.7	.118	3	–	LR-S-4×10PW	CLR-15S
	GTTR/L12F15	1	○	○	.057-.125	1.45-3.17	.472	12	.472	12	.472	12	3.150	80	.000	0	.591	15.0	.106	2.7	.040	1	–	LR-S-4×10PW	CLR-15S
	GTTR/L12K15	1	○	○	.057-.125	1.45-3.17	.472	12	.472	12	.472	12	4.724	120	.000	0	.591	15.0	.106	2.7	.040	1	–	LR-S-4×10PW	CLR-15S
	GTTR/L16H15	1	○	○	.057-.125	1.45-3.17	.630	16	.630	16	.630	16	3.937	100	.000	0	.591	15.0	.106	2.7	.000	0	–	LR-S-4×10PW	CLR-15S
	GTTR/L16K15	1	●	○	.057-.125	1.45-3.17	.630	16	.630	16	.630	16	4.724	120	.000	0	.591	15.0	.106	2.7	.000	0	–	LR-S-4×10PW	CLR-15S
	GTTR/L10F25	1	○	○	.098-.125	2.50-3.17	.394	10	.394	10	.394	10	3.150	80	.000	0	.591	15.0	.106	2.7	.118	3	–	LR-S-4×10PW	CLR-15S
	GTTR/L10K25	1	○	○	.098-.125	2.50-3.17	.394	10	.394	10	.394	10	4.724	120	.000	0	.591	15.0	.106	2.7	.118	3	–	LR-S-4×10PW	CLR-15S
	GTTR/L12F25	1	○	○	.098-.125	2.50-3.17	.472	12	.472	12	.472	12	3.150	80	.000	0	.591	15.0	.106	2.7	.040	1	–	LR-S-4×10PW	CLR-15S
	GTTR/L12K25	1	○	○	.098-.125	2.50-3.17	.472	12	.472	12	.472	12	4.724	120	.000	0	.591	15.0	.106	2.7	.040	1	–	LR-S-4×10PW	CLR-15S
	GTTR/L16H25	1	○	○	.098-.125	2.50-3.17	.630	16	.630	16	.630	16	3.937	100	.000	0	.591	15.0	.106	2.7	.000	0	–	LR-S-4×10PW	CLR-15S
	GTTR/L16K25	1	○	○	.098-.125	2.50-3.17	.630	16	.630	16	.630	16	4.724	120	.000	0	.591	15.0	.106	2.7	.000	0	–	LR-S-4×10PW	CLR-15S
	GTTR/L08HA-IN-OH	3	■		.012-.125	0.30-3.17	1/2		1/2		1/2		3.937	100	.000	0	2.953	75	.071	1.8	.039	1	NPT1/8	LR-S-4×10PW	CLR-15S
	GTTR/L08HA-IN-OH2	2	●		.012-.125	0.30-3.17	1/2		1/2		1/2		3.937	100	.000	0	2.756	70	.071	1.8	.039	1	NPT1/8	LR-S-4×10PW	CLR-15S
	GTTR/L08HB-IN-OH	3	■		.057-.125	1.45-3.17	1/2		1/2		1/2		3.937	100	.000	0	2.953	75	.106	2.7	.039	1	NPT1/8	LR-S-4×10PW	CLR-15S
	GTTR/L08HB-IN-OH2	2	●		.057-.125	1.45-3.17	1/2		1/2		1/2		3.937	100	.000	0	2.756	70	.106	2.7	.039	1	NPT1/8	LR-S-4×10PW	CLR-15S
	GTTR/L10HA-IN-OH	3	●		.012-.125	0.30-3.17	5/8		5/8		5/8		3.937	100	.000	0	.768	19.5	.071	1.8	.000	0	NPT1/8	LR-S-4×10PW	CLR-15S
	GTTR/L10XA-IN-OH2	2	●		.012-.125	0.30-3.17	5/8		5/8		5/8		4.724	120	.000	0	.768	19.5	.071	1.8	.000	0	NPT1/8	LR-S-4×10PW	CLR-15S
	GTTR/L10HB-IN-OH	3	●		.057-.125	1.45-3.17	5/8		5/8		5/8		3.937	100	.000	0	.768	19.5	.106	2.7	.000	0	NPT1/8	LR-S-4×10PW	CLR-15S
	GTTR/L10XB-IN-OH2	2	●		.057-.125	1.45-3.17	5/8		5/8		5/8		4.724	120	.000	0	.768	19.5	.106	2.7	.000	0	NPT1/8	LR-S-4×10PW	CLR-15S
	GTTR/L1012H00-OH	3	○		.012-.125	0.30-3.17	.394	10	.472	12	.394	10	3.937	100	.000	0	.768	19.5	.071	1.8	.039	1	M6 × 1	LR-S-4×10PW	CLR-15S
	GTTR/L12H00-OH	3	■		.012-.125	0.30-3.17	.472	12	.472	12	.472	12	3.937	100	.000	0	.768	19.5	.071	1.8	.039	1	Rc1/8(PT1/8)	LR-S-4×10PW	CLR-15S
	GTTR/L12H00-OH2	2	●		.012-.125	0.30-3.17	.472	12	.472	12	.472	12	3.937	100	.000	0	2.756	70	.071	1.8	.039	1	Rc1/8(PT1/8)	LR-S-4×10PW	CLR-15S
	GTTR/L16H00-OH	3	○		.012-.125	0.30-3.17	.630	16	.630	16	.630	16	3.937	100	.000	0	.768	19.5	.071	1.8	0	0	Rc1/8(PT1/8)	LR-S-4×10PW	CLR-15S
	GTTR/L16X00-OH2	2	●		.012-.125	0.30-3.17	.630	16	.630	16	.630	16	4.724	120	.000	0	.768	19.5	.071	1.8	0	0	Rc1/8(PT1/8)	LR-S-4×10PW	CLR-15S
	CH-GTTR/L10H00	4		○	.012-.125	0.30-3.17	.394	10	.394	10	.394	10.0	4.724	120	.591	15	.472	12.0	.059	1.5	.118	3	–	LR-S-4×10PW	CLR-15S
	CH-GTTR/L12H00	4		○	.012-.125	0.30-3.17	.472	12	.472	12	.472	12.0	4.724	120	.669	17	.472	12.0	.059	1.5	.040	1	–	LR-S-4×10PW	CLR-15S

Inserts ➡T12 Cutting condition ➡T4

Y-GTT

Screw accessible from both sides



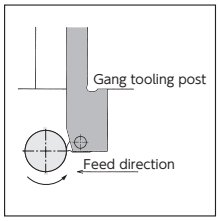
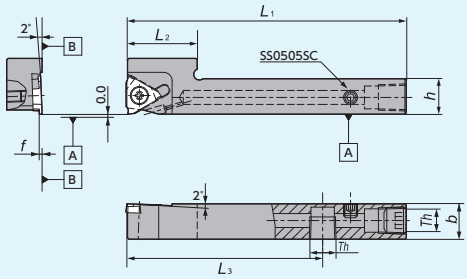


Figure-5

Right-Hand style shown
Takes Right-hand Insert

Y-GTT-OH2 (Coolant through)

Screw accessible from both sides



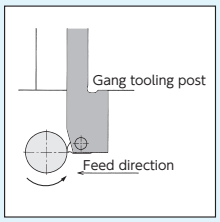


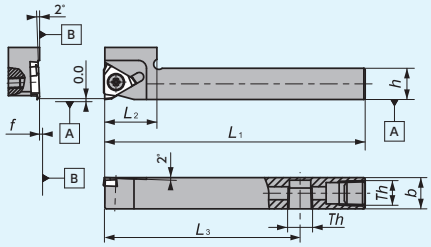
Figure-6

Th (Thread type)
Inch size holder : NPT1/8
Metric size holder: Rc1/8 (PT1/8)

Right-Hand style shown
Takes Right-hand Insert

Y-GTT-OH (Coolant through)

Screw accessible from both sides



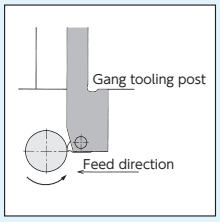


Figure-7

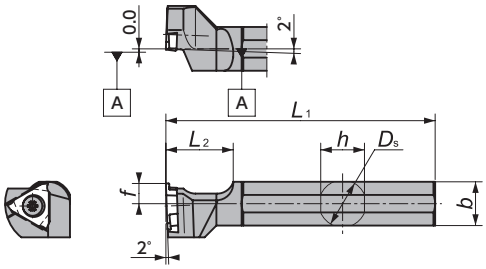
Th (Thread type)
Inch size holder : NPT1/8
Metric size holder: Rc1/8 (PT1/8)

Right-Hand style shown
Takes Right-hand Insert

GTT

Gage Insert	Item Number	Figure	Stock R	Stock L	Groove Width W (Inch)	Groove Width W (mm)	h (Inch)	h (mm)	b (Inch)	b (mm)	h_1 (Inch)	h_1 (mm)	L_1 (Inch)	L_1 (mm)	f (Inch)	f (mm)	L_2 (Inch)	L_2 (mm)	a_r (Inch)	a_r (mm)	L_3 (Inch)	L_3 (mm)	Th	Clamp Screw	Wrench
GTM..32 TMG32	Y-GTTR 06-IN	5	●		.012-.125	0.30-3.17	3/8		3/8		–	–	4.724	120	.000	0	.984	25.0	.063	1.6	–	–	–	LR-S-4×10PW	CLR-15S
	Y-GTTR⅝08-IN	5	●		.012-.125	0.30-3.17	1/2		1/2		–	–	4.724	120	.000	0	.984	25.0	.063	1.6	–	–	–	LR-S-4×10PW	CLR-15S
	Y-GTTR⅝10-IN	5	●		.012-.125	0.30-3.17	5/8		5/8		–	–	4.724	120	.000	0	.984	25.0	.063	1.6	–	–	–	LR-S-4×10PW	CLR-15S
	Y-GTT⅝10MS	7	○		.012-.125	0.30-3.17	.394	10	.394	10	–	–	4.724	120	.000	0	.866	22.0	.063	1.6	–	–	–	LR-S-4×10PW	CLR-15S
	Y-GTT⅝10S	5	○		.012-.125	0.30-3.17	.394	10	.394	10	–	–	4.724	120	.000	0	.787	20.0	.063	1.6	–	–	–	LR-S-4×10PW	CLR-15S
	Y-GTT⅝12MS	7	○		.012-.125	0.30-3.17	.472	12	.472	12	–	–	4.724	120	.000	0	.866	22.0	.063	1.6	–	–	–	LR-S-4×10PW	CLR-15S
	Y-GTT⅝12S	5	○		.012-.125	0.30-3.17	.472	12	.472	12	–	–	4.724	120	.000	0	.787	20.0	.063	1.6	–	–	–	LR-S-4×10PW	CLR-15S
	Y-GTT⅝08H-IN-OH 💧	7	■		.012-.125	0.30-3.17	1/2		1/2		–	–	3.937	100	.000	0	.984	25.0	.063	1.6	2.756	70	NPT1/8	LR-S-4×10PW	CLR-15S
	Y-GTT⅝08H-IN-OH2 💧	6	●		.012-.125	0.30-3.17	1/2		1/2		–	–	3.937	100	.000	0	.984	25.0	.063	1.6	2.953	75	NPT1/8	LR-S-4×10PW	CLR-15S
	Y-GTT⅝12H00S-OH 💧	7	■		.012-.125	0.30-3.17	.472	12	.472	12	–	–	3.937	100	.000	0	.787	20.0	.063	1.6	2.756	70	Rc1/8(PT1/8)	LR-S-4×10PW	CLR-15S
	Y-GTT⅝12H00S-OH2 💧	6	●		.012-.125	0.30-3.17	.472	12	.472	12	–	–	3.937	100	.000	0	.787	20.0	.063	1.6	2.953	75	Rc1/8(PT1/8)	LR-S-4×10PW	CLR-15S
	Y-GTT⅝16H00-OH 💧	7	○		.012-.125	0.30-3.17	.630	16	.472	16	–	–	3.937	100	.000	0	.984	25.0	.063	1.6	2.953	75	Rc1/8(PT1/8)	LR-S-4×10PW	CLR-15S

DS-GTT



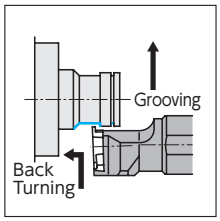


Figure-8

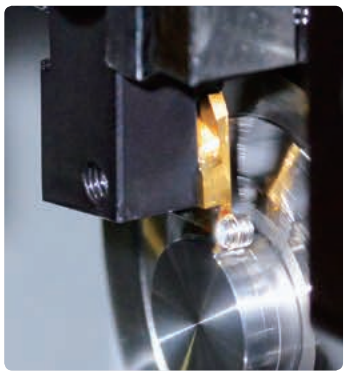
Left-Hand style shown
Takes Right-hand Insert

DS-GTT

Gage Insert	Item Number	Figure	Stock R	Stock L	D_s (Inch)	D_s (mm)	h (Inch)	h (mm)	b (Inch)	b (mm)	L_1 (Inch)	L_1 (mm)	f (Inch)	f (mm)	L_2 (Inch)	L_2 (mm)	Clamp Screw	Wrench
GTM..32 TMG32	DS-GTT⅝14F	8		○	.551	14.000	.512	13	.512	13	3.150	80	.236	6	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTT⅝15H	8		○	5/8	15.875	.591	15	.591	15	3.937	100	.236	6	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTT⅝16X	8		●	.630	16.000	.591	15	.591	15	3.740	95	.236	6	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTT⅝19	8		●	3/4	19.050	.709	18	.709	18	4.724	120	.236	6	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTT⅝20	8		●	.787	20.000	.748	19	.748	19	4.724	120	.236	6	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTT⅝22	8		●	.866	22.000	.827	21	.827	21	4.724	120	.236	6	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTT⅝25-MET	8		○	.984	25.000	.945	24	.945	24	4.724	120	.394	10	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTT⅝25	8		●	1	25.400	.945	24	.945	24	5.906	150	.394	10	.787	20	LR-S-4 × 9	RLR-20S
	DS-GTT⅝32	8		○	.984	25.000	.945	24	.945	24	5.906	150	.394	10	.787	20	LR-S-4 × 9	RLR-20S

● : Stock
● : Stock (Newly added)
■ □ R L : While stocks last
R L : Stock (Right / Left-hand only)
R L : Stock (Right / Left-hand only, Newly added)
Ⓜ : Mirror finish
○ : 1-2 week delivery
○ : 1-2 week delivery (Newly added)
💧 : Coolant through
Ⓡ Ⓛ : 1-2 week delivery (Right / Left-hand only)
Ⓡ Ⓛ : 1-2 week delivery (Right / Left-hand only, Newly added)

GTMH-GX Chipbreaker for Grooving / Side Turning



Groove width .059"～

Groove width ～.039"

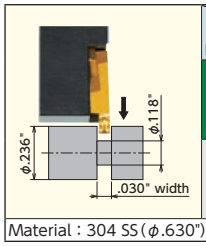
WATCH ON YouTube

Features

- Can solve the problem of chips remaining in the grooves and bird's nest of chips
- Good surface finishes on groove side faces
- UP to .078" DOC side turning capability

Excellent Chip Control

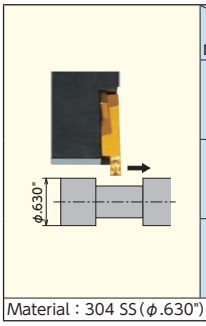
Grooving

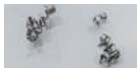
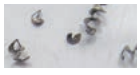


DOC \ Feed rate (IPR)	.0004"	.0011"	.0020"
GX chipbreaker			
Competiton's chipbreaker			

Material : 304 SS(ϕ.630"), 260 SFM, .059", DOC

Side Turning



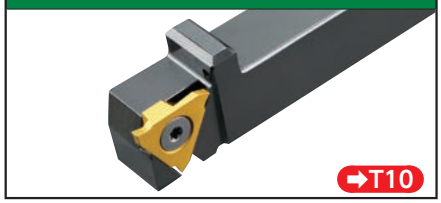
DOC \ Feed rate (IPR)	.0004"	.0011"	.0020"	.0031"
.010"				
.020"				
.030"				

Material : 304 SS(ϕ.630"), 260 SFM, .030" width insert

Best Solution for Chip Control

Coolant through toolholders now available

GTT-OH2/OH



➡T10

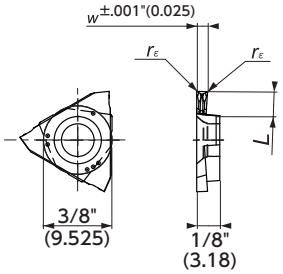
Y-GTT-OH2/OH

➡T10

GTMH32.. Inserts - Carbide

GTMH32-GX

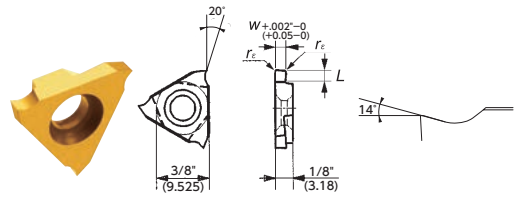
Side Turning Capable



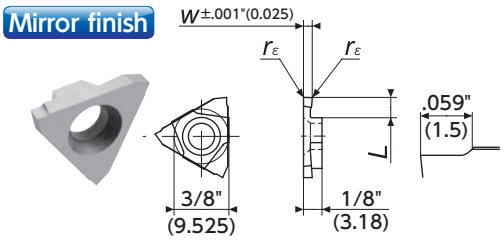
Right-Hand style shown

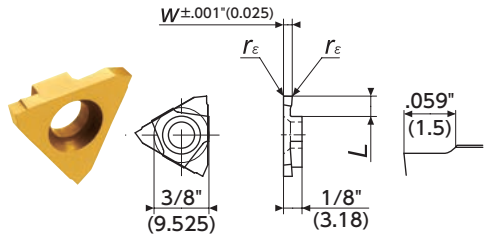
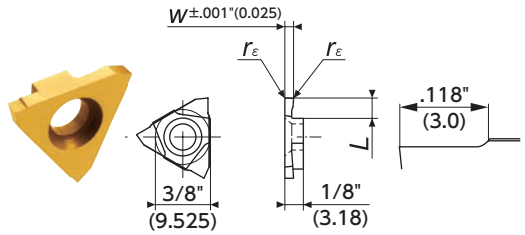
Shape	Item Number	Groove Width W (Inch)	Groove Width W (mm)	Max Depth of Cut Grooving (Inch)	Max Depth of Cut Grooving (mm)	Max Depth of Cut Side turning (Inch)	Max Depth of Cut Side turning (mm)	L (Inch)	L (mm)	rε (Inch)	rε (mm)	Coated Carbide ST4 R	ST4 L	DM4 R	DM4 L	TM4 R	TM4 L
Side Turning Capable	GTMH32033RGX	.013	0.33	.024	0.6	–	–	.010	0.25	.002	0.05	●					
	GTMH32043RGX	.017	0.43	.047	1.2	–	–	.035	0.90	.002	0.05	●					
	GTMH32050RGX	.020	0.50	.047	1.2	–	–	.035	0.90	.002	0.05	●					
	GTMH32053RGX	.021	0.53	.047	1.2	–	–	.035	0.90	.002	0.05	●					
	GTMH32075RGX	.030	0.75	.063	1.6	.030	0.75	.079	2.00	.002	0.05	●		●		○	
	GTMH32095RGX	.037	0.95	.063	1.6	.059	1.50	.079	2.00	.002	0.05	●		●		○	
	GTMH32100RGX	.039	1.00	.063	1.6	.059	1.50	.079	2.00	.002	0.05	●		●		○	
	GTMH32100RGX01	.039	1.00	.063	1.6	.059	1.50	.079	2.00	.004	0.1	●		●		○	
	GTMH32150RGX	.059	1.50	.106	2.7	.079	2.00	.118	3.00	.002	0.05	●		●		○	
	GTMH32150RGX01	.059	1.50	.106	2.7	.079	2.00	.118	3.00	.004	0.1	●		●		○	
	GTMH32150RGX02	.059	1.50	.106	2.7	.079	2.00	.118	3.00	.008	0.2	●		●		○	
	GTMH32200RGX	.079	2.00	.106	2.7	.079	2.00	.118	3.00	.002	0.05	●		●		○	
	GTMH32200RGX01	.079	2.00	.106	2.7	.079	2.00	.118	3.00	.004	0.1	●		●		○	
	GTMH32200RGX02	.079	2.00	.106	2.7	.079	2.00	.118	3.00	.008	0.2	●		●		○	
	GTMH32300RGX	.118	3.00	.106	2.7	.079	2.00	.118	3.00	.002	0.05	●		●		○	
	GTMH32300RGX02	.118	3.00	.106	2.7	.079	2.00	.118	3.00	.008	0.2	●		●		○	

TMG32-E

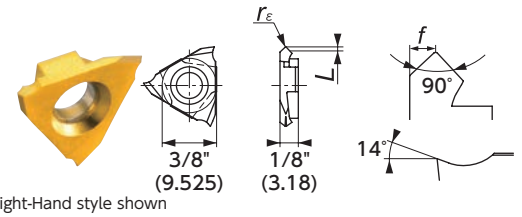
Shape	Item Number	Groove Width w (Inch)	Groove Width w (mm)	Max Depth of Cut (Inch)	Max Depth of Cut (mm)	L (Inch)	L (mm)	r_ε (Inch)	r_ε (mm)	Coated Carbide ZM3 R	Coated Carbide ZM3 L
 Right-Hand style shown	TMG32031R/L E01	.031	0.79	.063	1.6	.079	2.0	.004	0.1	●	
	TMG32039R/L E01	.039	1.00	.063	1.6	.079	2.0	.004	0.1	●	●
	TMG32049R/L E01	.049	1.25	.063	1.6	.079	2.0	.004	0.1	●	
	TMG32062R/L E02	.062	1.57	.106	2.7	.118	3.0	.008	0.2	●	
	TMG32079R/L E02	.079	2.00	.106	2.7	.118	3.0	.008	0.2	●	
	TMG32094R/L E02	.094	2.39	.106	2.7	.118	3.0	.008	0.2	●	
	TMG32125R/L E02	.125	3.18	.106	2.7	.118	3.0	.008	0.2	●	

GTMH • X32 (Flat top chipbreaker)

Shape	Item Number	Groove Width w (Inch)	Groove Width w (mm)	Max Depth of Cut (Inch)	Max Depth of Cut (mm)	L (Inch)	L (mm)	r_ε (Inch)	r_ε (mm)	Carbide KM1 R	Carbide KM1 L
Mirror finish  Right-Hand style shown	GTMH32100R/L SSH Ⓜ	.039	1.00	.063	1.6	.079	2.0	.002	0.05	●	
	GTMH32150R/L SSH Ⓜ	.059	1.50	.106	2.7	.118	3.0	.002	0.05	●	
	GTMH32200R/L SSH Ⓜ	.079	2.00	.106	2.7	.118	3.0	.002	0.05	●	

Shape	Item Number	Groove Width w (Inch)	Groove Width w (mm)	Max Depth of Cut (Inch)	Max Depth of Cut (mm)	L (Inch)	L (mm)	r_ε (Inch)	r_ε (mm)	Coated Carbide ZM3 R	Coated Carbide ZM3 L
 Right-Hand style shown	GTMX32100R/L SS	.039	1.00	.063	1.6	.079	2.0	.002	0.05	○	
	GTMX32150R/L SS	.059	1.50	.106	2.7	.118	3.0	.002	0.05	○	
	GTMX32200R/L SS	.079	2.00	.106	2.7	.118	3.0	.002	0.05	○	
 Right-Hand style shown	GTMX32100R/L LS	.039	1.00	.063	1.6	.079	2.0	.002	0.05	○	
	GTMX32150R/L LS	.059	1.50	.106	2.7	.118	3.0	.002	0.05	○	
	GTMX32200R/L LS	.079	2.00	.106	2.7	.118	3.0	.002	0.05	○	

GTMX32 (90 Degree V-style)

Shape	Item Number	Max Depth of Cut (Inch)	Max Depth of Cut (mm)	Edge Geometry	r_ε (Inch)	r_ε (mm)	L (Inch)	L (mm)	Coated Carbide TM4 R	Coated Carbide TM4 L
 Right-Hand style shown	GTMX32V90R/L 005	.020	0.5	90°	.002	0.05	.020	0.5	○	
	GTMX32V90R/L 010	.028	0.7	90°	.004	0.1	.040	1.0	○	

● : Stock
● : Stock (Newly added)
■ □R□L : While stocks last
R L : Stock (Right / Left-hand only)
R L : Stock (Right / Left-hand only, Newly added)
Ⓜ : Mirror finish
○ : 1-2 week delivery
○ : 1-2 week delivery (Newly added)
💧 : Coolant through
ⓇⓁ : 1-2 week delivery (Right / Left-hand only)
ⓇⓁ : 1-2 week delivery (Right / Left-hand only, Newly added)

FGV Series

FGV

For Gang-style machine

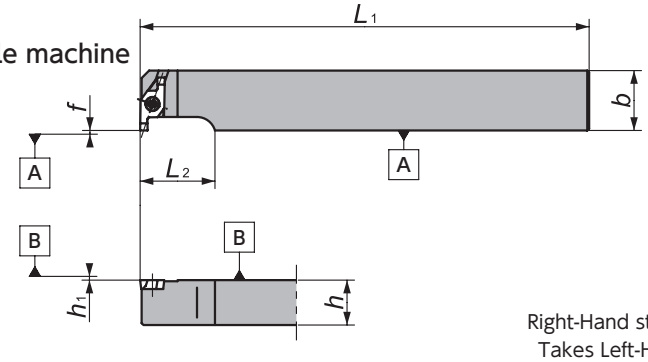
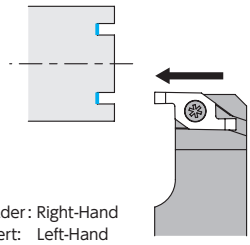


Figure-1

Right-Hand style shown
Takes Left-Hand insert



CH-FGV

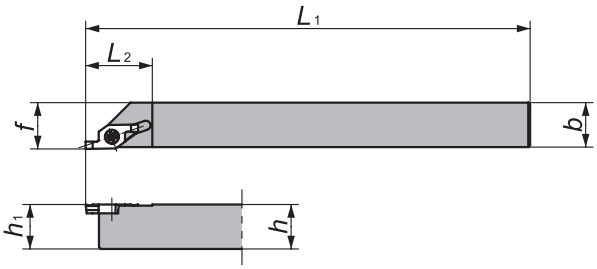
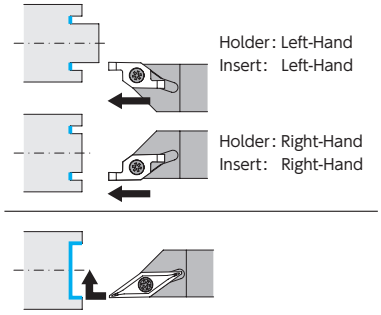


Figure-2

Right-Hand style shown



Only right hand holder is available when using FBV insert

DS-FGV

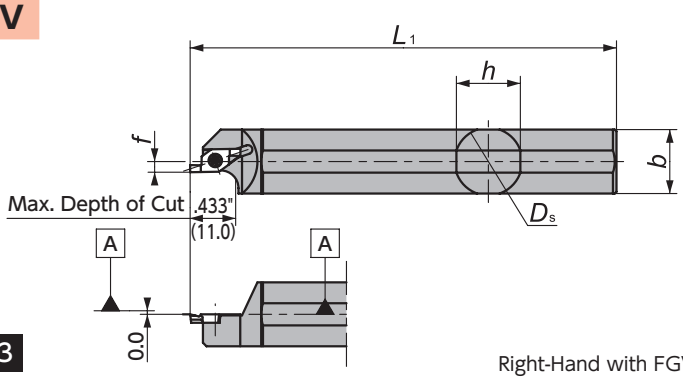
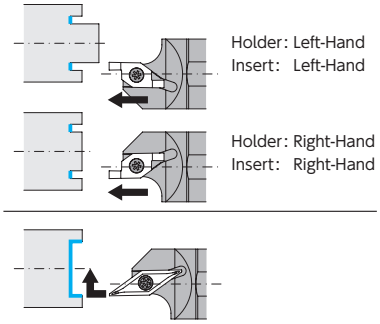


Figure-3

Right-Hand with FGV style shown



Only right hand holder is available when using FBV insert

FGV - Toolholders

FGV

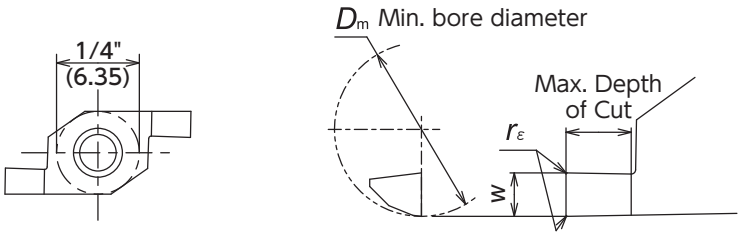
Gage Insert	Item Number	Figure	Stock R	Stock L	h (Inch)	h (mm)	b (Inch)	b (mm)	h_1 (Inch)	h_1 (mm)	L_1 (Inch)	L_1 (mm)	f (Inch)	f (mm)	L_2 (Inch)	L_2 (mm)	Clamp Screw	Wrench
FGV...L	FGV⅝1016	1	○		.413	10	.630	16	0	0.0	4.724	120	0	0.0	.787	20	LRIS-2.5 × 7	CLR-15S
	FGV⅝1216	1	○		.472	12	.630	16	0	0.0	4.724	120	0	0.0	.787	20	LRIS-2.5 × 7	CLR-15S
	FGV⅝1616	1	○		.630	16	.630	16	0	0.0	4.724	120	0	0.0	.787	20	LRIS-2.5 × 7	CLR-15S
FGV FBV	CH-FGV⅝1010	2	○	○	.413	10	.394	10	.394	10	4.724	120	.413	10.5	.709	18	LRIS-2.5 × 7	CLR-15S
	CH-FGV⅝1212	2	○	○	.472	12	.472	12	.472	12	4.724	120	.492	12.5	.709	18	LRIS-2.5 × 7	CLR-15S
	CH-FGV⅝1616	2	○	○	.630	16	.630	16	.630	16	4.724	120	.650	16.5	.709	18	LRIS-2.5 × 7	CLR-15S

DS-FGV

Gage Insert	Item Number	Figure	Stock R	Stock L	D_s (Inch)	D_s (mm)	h (Inch)	h (mm)	b (Inch)	b (mm)	L_1 (Inch)	L_1 (mm)	f (Inch)	f (mm)	Clamp Screw	Wrench
FGV FBV	DS-FGV⅝16-012	3	○	○	.630	16.000	.591	15	.591	15	3.150	80	.118	3.0	LRIS-2.5 × 7	CLR-15S
	DS-FGV⅝19	3	○	○	3/4	19.050	.709	18	.709	18	4.724	120	.118	3.0	LRIS-2.5 × 7	CLR-15S
	DS-FGV⅝20	3	○	○	.787	20.000	.748	19	.748	19	4.724	120	.118	3.0	LRIS-2.5 × 7	CLR-15S
	DS-FGV⅝22	3	○	○	.866	22.000	.827	21	.827	21	4.724	120	.118	3.0	LRIS-2.5 × 7	CLR-15S
	DS-FGV⅝22M	1	○	○	.866	22.000	.827	21	.827	21	5.906	150	.118	3.0	LRIS-2.5 × 7	CLR-15S
	DS-FGV⅝25-MET	3	○	○	.984	25.000	.945	24	.945	24	5.906	150	.118	3.0	LRIS-2.5 × 7	CLR-15S
	DS-FGV⅝25	3	○	○	1	25.400	.965	24.5	.965	24.5	4.724	120	.118	3.0	LRIS-2.5 × 7	CLR-15S

FGV - Inserts

FGV

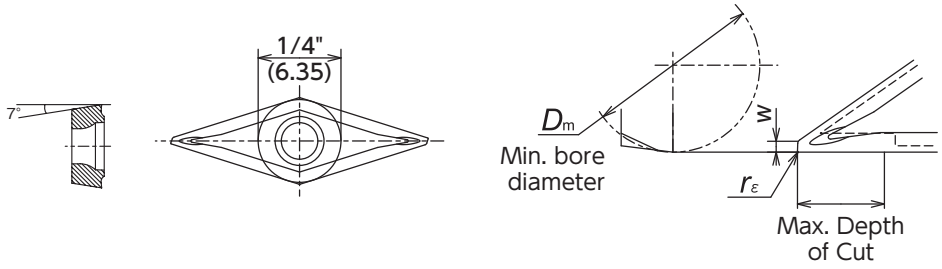


Right-Hand style shown

Shape	Item Number	Groove Width w (Inch)	Groove Width w (mm)	Min. Bore Diameter (Inch)	Min. Bore Diameter (mm)	Max Depth of Cut (Inch)	Max Depth of Cut (mm)	Thickness (Inch)	Thickness (mm)	rε (Inch)	rε (mm)	Coated Carbide TM4 R	Coated Carbide TM4 L
Right-Hand style shown	FGV100RB00D6	.039	1.0	.236	6.0	.059	1.5	3/32	2.38	.000	0.00	○	
	FGV100RB05D6	.039	1.0	.236	6.0	.059	1.5	3/32	2.38	.002	0.05	○	
	FGV150RB00D6	.059	1.5	.236	6.0	.079	2.0	3/32	2.38	.000	0.00	○	
	FGV150RB05D6	.059	1.5	.236	6.0	.079	2.0	3/32	2.38	.002	0.05	○	
	FGV200RB00D6	.079	2.0	.236	6.0	.118	3.0	3/32	2.38	.000	0.00	○	
	FGV200RB05D6	.079	2.0	.236	6.0	.118	3.0	3/32	2.38	.002	0.05	○	
Left-Hand style shown	FGV100LB00D6	.039	1.0	.236	6.0	.059	1.5	3/32	2.38	.000	0.00		○
	FGV100LB05D6	.039	1.0	.236	6.0	.059	1.5	3/32	2.38	.002	0.05		○
	FGV150LB00D6	.059	1.5	.236	6.0	.079	2.0	3/32	2.38	.000	0.00		○
	FGV150LB05D6	.059	1.5	.236	6.0	.079	2.0	3/32	2.38	.002	0.05		○
	FGV200LB00D6	.079	2.0	.236	6.0	.118	3.0	3/32	2.38	.000	0.00		○
	FGV200LB05D6	.079	2.0	.236	6.0	.118	3.0	3/32	2.38	.002	0.05		○

FBV - Inserts

FBV



Right-Hand style shown

Shape	Item Number	Groove Width w (Inch)	Groove Width w (mm)	Min. Bore Diameter (Inch)	Min. Bore Diameter (mm)	Max Depth of Cut (Inch)	Max Depth of Cut (mm)	Thickness (Inch)	Thickness (mm)	rε (Inch)	rε (mm)	Coated Carbide TM4 R	Coated Carbide TM4 L
Right-Hand style shown	FBV40⅝05D8AM3	.020	0.5	.315	8.0	.157	4.0	.102	2.58	.002	0.05	○	
	FBV40⅝15D8AM3	.020	0.5	.315	8.0	.157	4.0	.102	2.58	.006	0.15	○	

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

Cutting condition ➡T18

● : Stock
● : Stock (Newly added)
■ □ R L : While stocks last
R L : Stock (Right / Left-hand only)
R L : Stock (Right / Left-hand only, Newly added)
Ⓜ : Mirror finish
○ : 1-2 week delivery
○ : 1-2 week delivery (Newly added)
💧 : Coolant through
ⓇⓁ : 1-2 week delivery (Right / Left-hand only)
ⓇⓁ : 1-2 week delivery (Right / Left-hand only, Newly added)