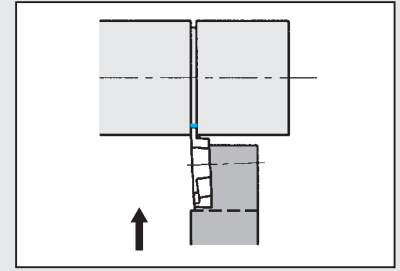
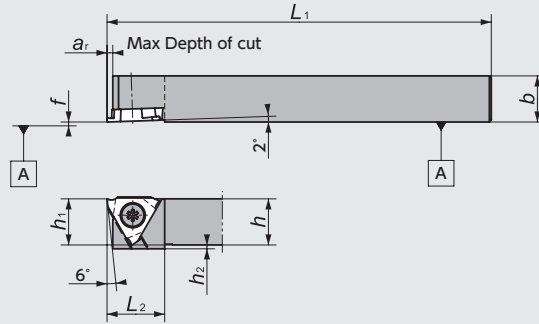


## GTT Series

### GTT

Screw accessible from both sides

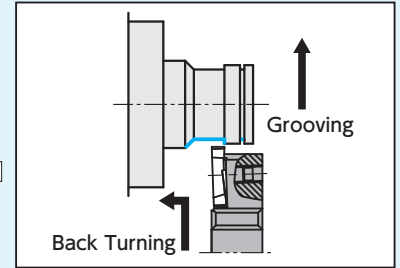
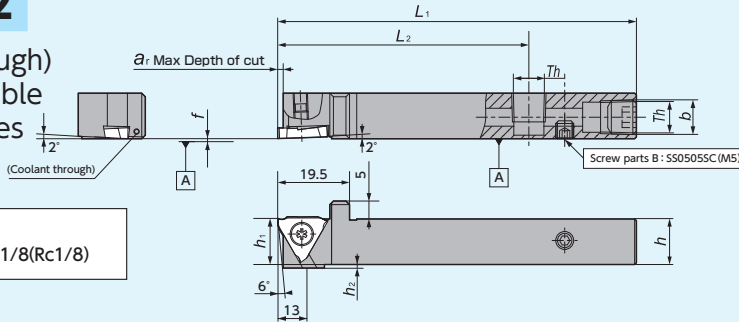


● Right-Hand style shown

Figure-1

### GTT-OH2

(Coolant through)  
Screw accessible from both sides

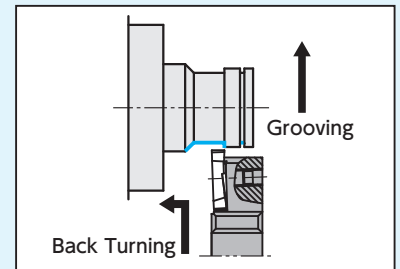
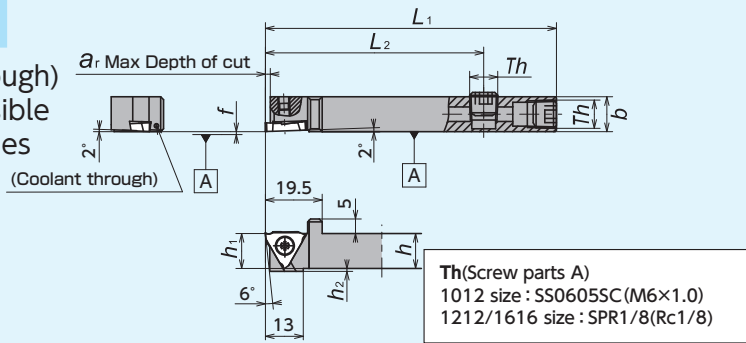


● Right-Hand style shown

Figure-2

### GTT-OH

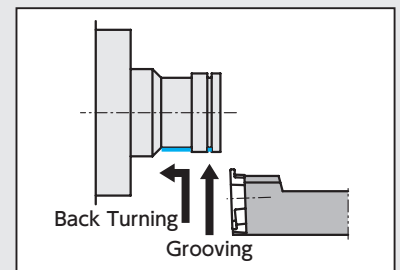
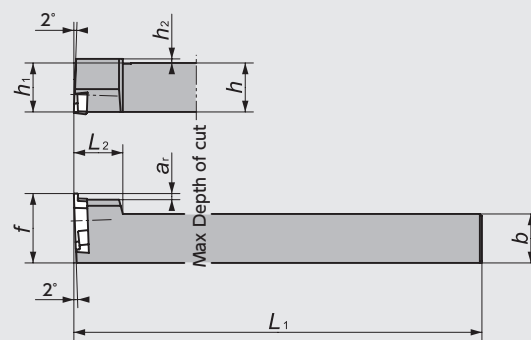
(Coolant through)  
Screw accessible from both sides



● Right-Hand style shown

Figure-3

### CH-GTT

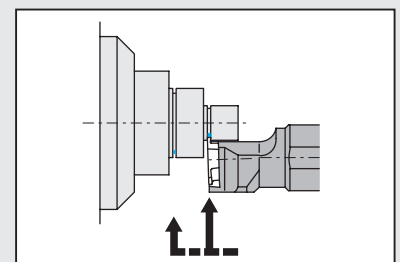
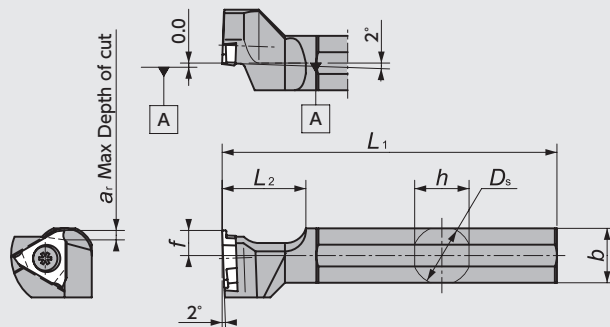


● Left-Hand style shown  
☆ Takes Right-hand insert

Figure-4

### DS-GTT


(DS Holder)



● Left-Hand style shown  
☆ Takes Right-hand insert

Figure-5

## GTT Series - Toolholders

Figure	Code No.		Item Number	Stock		Dimensions (mm)										Groove Width Range (mm) $w$	Gage insert 	Spare Parts	
	R	L		R	L	$h$	$b$	$L_1$	$h_1$	$f$	$L_2$	$a_1$	$h_2$	$D_s$	Clamp Screw			Wrench	
1	5107305	5107313	GTT <sup>R</sup> /L08F00	●	●		8											Right : LR-S-4*10PW (A) Left : LR-S-4*5.8 (B)	CLR-15S (A)
	5608682		0810F00	●		8	10		8								LR-S-4*10PW (A)		
	5107206	5107214	08K00	●	●		8										Right : LR-S-4*10PW (A) Left : LR-S-4*5.8 (B)		
	5608690		0810K00	●			10												
	5107321	5107339	10F00	●	●	10	10	80		10				1.6	3	0.30			
	5107222	5107230	10K00	●	●			120								3.00			
	5107347	5107354	12F00	●	●	12	12	80		12					1	※1			
	5107248	5107255	12K00	●	●			120											
	5459896	5551387	16H00	●	●	16	16	100		16					0				
	5173687	5173679	16K00	●	●			120											
	5530852	5780317	20K00	●	●	20	20	125	20		0	15			0				
	5780309	5780291	25M00	●	●	25	25	150	25										
	5107362	5107370	10F15	●	●	10	10	80		10					3				
	5107263	5107271	10K15	●	●			120								1.45	LR-S-4*10PW (A)		
	5537220	5537147	12F15	●	●	12	12	80		12					1				
	5537246	5537162	12K15	●	●			120								3.00			
	5537261	5537188	16H15	●	●	16	16	100		16					0				
	5537287	5537204	16K15	●	●			120											
	5107388	5107396	10F25	●	●	10	10	80		10					3				
	5107289	5107297	10K25	●	●			120								2.50			
5537238	5537154	12F25	●	●	12	12	80		12					1					
5537253	5537170	12K25	●	●			120								3.00				
5537279	5537196	16H25	●	●	16	16	100		16					0					
5537295	5537212	16K25	●	●			120												
2	5035381		GTT <sup>R</sup> /L12H00-OH2	●		12	12	100	12	0	70	1.6		1		0.30	LR-S-4*10PW (A)	CLR-15S (A)	
	5043997		16X00-OH2	●		16	16	120	16					0		3.00			
3	5921705		GTT <sup>R</sup> /L1012H00-OH	●		10		12	10	0	70	1.6		1		0.30	LR-S-4*10PW (A)	CLR-15S (A)	
	5890157		GTTR12H00-OH	●		12		100	12	0						3.00			
	5921713		GTT <sup>R</sup> /L16H00-OH	●		16	16		16					0					
4		5659248	CH-GTT <sup>R</sup> /L10H00	●	●	10	10	100	10	15				3		0.30	LR-S-4*9 (B)	RLR-20S (B)	
		5659255	12H00	●	●	12	12	100	12	17	12	1.5		1		3.00			
		5960836	16H00	●	●	16	16	100	16	21				0					
5		5348560	DS-GTT <sup>R</sup> /L14F	●		13	13	80								14.000	LR-S-4*9 (B)	RLR-20S (B)	
		5348081	15H	●		15	15	100								15.875			
		5341532	16X ※2	●				95								16.000			
		5278288	19	●		18	18			6						19.050			
		5278304	20	●		19	19	120			20	1.6				20.000			
		5324041	22 ※2	●		21	21									22.000			
		5483433	25MET	●		24	24	150			10					25.000			
		5317144	25	●		24	24	120			10					25.400			
	5937693	32	●		30	30	150			10					32.000				

※1 Would be changed by insert

※2 Compatible with 16mm / 22mm round shank DS Series holders DS-Sleeve → G103

New Products  
 Tool Materials / Selection Guide  
 Micrograin Carbide, BIDEIMCS, PCD  
 PVD Coating Carbide, CBN and Ceramics  
 Insert Item List  
 General Turning Toolholders  
 Unique Swiss Tooling  
 Grooving / Side Turning  
 Threading  
 Shaper  
 ID Tooling  
 Application Introduction  
 Endmills  
 Rotating Tools  
 Information  
 Index

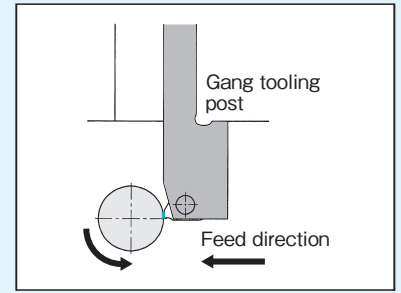
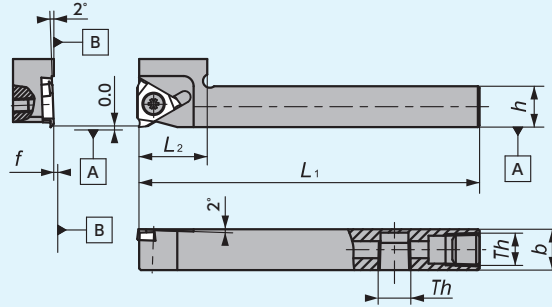
# Grooving / Side Turning

## GTT Series

### Y-GTT-OH

(Y-axis/Coolant through)  
Screw accessible from both sides

Th(Screw parts A)  
1212/1616 size:SPR1/8(Rc1/8)

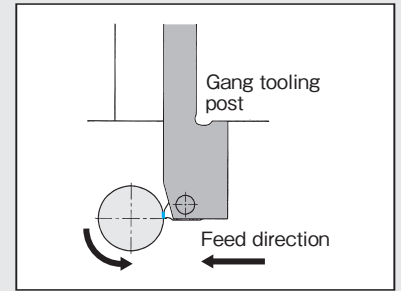
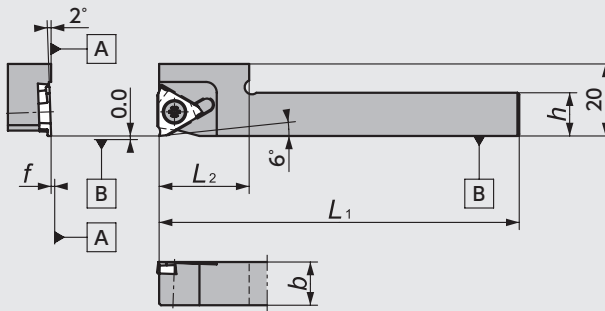


● Right-Hand style shown  
☆ Takes Right-hand insert

Figure-1

### Y-GTT




(Y-axis)  
Screw accessible from both sides



● Right-Hand style shown  
☆ Takes Right-hand insert

Figure-2

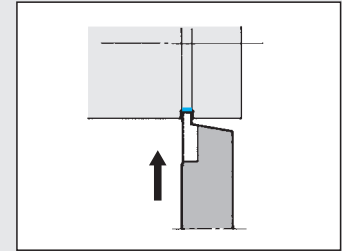
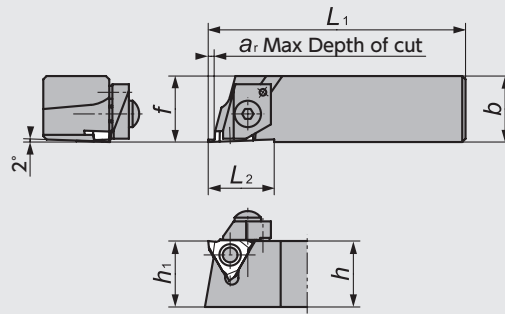
## GTT Series - Toolholders

Figure	Code No.		Item Number	Stock		Dimensions (mm)								Groove Width Range (mm) w	Gage insert 	Spare Parts		
	R	L		R	L	h	b	L <sub>1</sub>	h <sub>1</sub>	f	L <sub>2</sub>	a <sub>r</sub>	h <sub>2</sub>			Clamp Screw 	Wrench 	
1	5911466		Y-GTT <sup>®</sup> ¼12H00S-OH	●		12	12						20		GTMH32 GTMX32 <b>H22~25</b>	LR-S-4 * 10PW	CLR-15S	
	5911474		Y-GTT <sup>®</sup> ¼16H00-OH	●		16	16	100	—	0			25					0.30 } 3.00 *1
2	5371604		Y-GTT <sup>®</sup> ¼10S	●			10	10					20		TBMH32 <b>G61</b>	LR-S-4 * 10PW	CLR-15S	
	5950415		10MS	●									22					0.30 } 3.00 *1
	5371620		12S	●				120	—	0			20					
	5950472		12MS	●		12	12						22					

## NGT Series

### NGTN

Clamp-on  
No-Offset

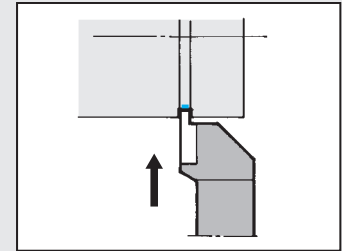
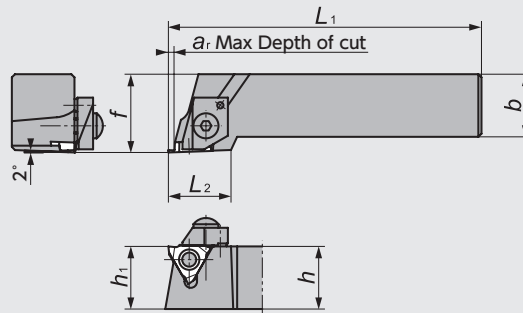


● Right-Hand style shown

Figure-1

### NGTB

Clamp-on  
With Offset

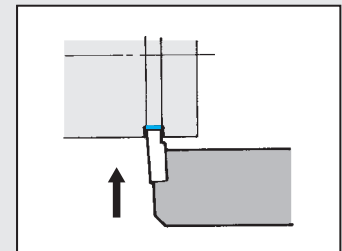
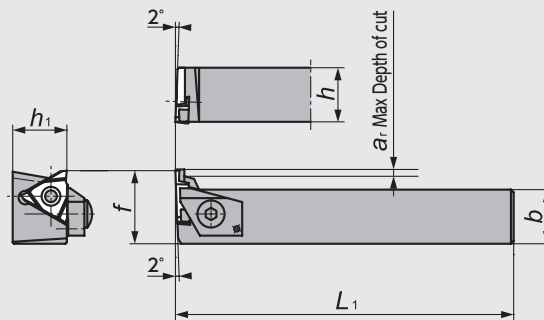


● Right-Hand style shown

Figure-2

### NGTA






Clamp-on



● Left-Hand style shown  
☆ Takes Right-hand insert

Figure-3

## NGT Series - Toolholders

Figure	Code No.		Item Number	Stock		Dimensions (mm)							Groove Width Range (mm) w	Gage insert 	Spare Parts				
	R	L		R	L	h	b	L1	h1	f	L2	ar			h2	Clamp 	Clamp Bolt 	Spring 	Wrench 
1	5525928	5525738	NGTN <sup>®</sup> L161632-00	●	●								1.6	0.30~3.00 ※1	GTMH32 GTMX32 H22~25	CPR/L5S	AOS-5*20	ASG-5	LW-2.5
	5534110		161632-15	●		16	16	78	16	16	20	—	2.7	1.45~3.00					
	5534128		161632-25	●									—	2.50~3.00					
2	5542295		NGTB <sup>®</sup> L202032-00S	●									1.6	0.30~3.00 ※1	GTMH32 GTMX32 H22~25	CPR/L5	AOS-5*25	ASG-5	LW-2.5
	5537717		202032-15S	●		20	20	125	20	25			2.7	1.45~3.00					
	5553243		202032-25S	●							25		—	2.50~3.00					
	5549563		252532-00S	●									1.6	0.30~3.00 ※1					
	5545801		252532-15S	●		25	25	150	25	30			2.7	1.45~3.00					
	5553417		252532-25S	●									—	2.50~3.00					
3	5536370		NGTA <sup>®</sup> L202032-00S		●	20	20	125	20	25			1.6	0.30~3.00 ※1	GTMH32 GTMX32 H22~25	CPR/L5※	AOS-5*25	ASG-5	LW-2.5
	5536388		202032-15S		●								2.7	1.45~3.00					

※1 Would be changed by insert

※Left-Hand clamp with should be used with right-hand holder  
Right-Hand clamp with should be used with left-hand holder

# Grooving / Side Turning

## GTT/NGT Series - Inserts

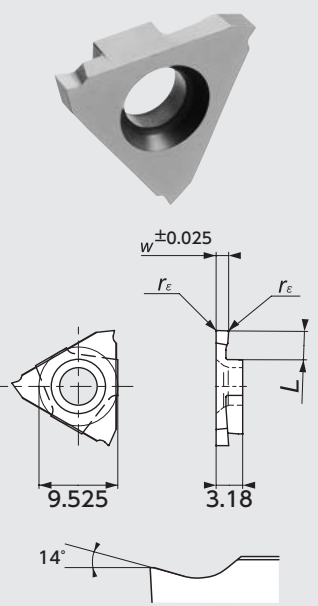
### ● GTMH32-GX

Shape	Item Number	Dimensions (mm)			Max Depth of cut		PVD Coated Carbide									
		w	L	r <sub>ε</sub>	Grooving	Side Turning	ST4		TM4		DM4					
							Stock	R	Stock	R	Stock	R				
<p>● Right-Hand style shown</p>	<b>GTMH32033RGX</b>	0.33	0.6	0.05	0.25	—	5039136	●	5019468	●	5019450	●				
	<b>043RGX</b>	0.43	1.2				5039144	●	5019443	●	5019435	●				
	<b>050RGX</b>	0.50					5039151	●	5019419	●	5019401	●				
	<b>053RGX</b>	0.53					5039169	●	5019393	●	5019336	●				
	<b>075RGX</b>	0.75					1.6	0.75	5039177	●	5910765	●	5910898	●		
	<b>095RGX</b>	0.95	5039185						●	5922224	●	5922216	●			
	<b>100RGX</b>	1.00	2.0						1.50	5039193	●	5910815	●	5910906	●	
	<b>100RGX01</b>									0.1	5039201	●	5910823	●	5910963	●
	<b>150RGX</b>	1.50	3.0						2.7	2.00	5039219	●	5910740	●	5910914	●
	<b>150RGX01</b>										0.1	5039227	●	5910849	●	5910971
	<b>150RGX02</b>			0.2	5039235	●	5910864	●			5910997	●				
	<b>200RGX</b>	2.00	3.0	2.7	2.00	5039243	●	5910732	●	5910930	●					
	<b>200RGX01</b>					0.05	5039250	●	5910856	●	5910989	●				
	<b>200RGX02</b>					0.1	5039258	●	5910872	●	5911003	●				
	<b>300RGX</b>					0.2	5039268	●	5910872	●	5911003	●				
	<b>300RGX02</b>	3.00	3.00	2.7	2.00	5039276	●	5910724	●	5910948	●					
	<b>300RGX02</b>					0.2	5039284	●	5910880	●	5911011	●				

### ● GTMH32-E

Shape	Item Number	Dimensions (mm)				PVD Coated Carbide				
		w	L	r <sub>ε</sub>	Max Depth of cut	ZM3				
						R	Stock	L	Stock	
<p>● Right-Hand style shown</p>	<b>GTMH32033R<sub>1</sub>LE</b>	0.33	0.6	0.03	0.3	5108766	●	5109046	●	
	<b>043R<sub>1</sub>LE</b>	0.43	1.2			5108758	●	5109038	●	
	<b>053R<sub>1</sub>LE</b>	0.53				5108774	●	5109020	●	
	<b>075R<sub>1</sub>LE</b>	0.75				5108790	●	5109012	●	
	<b>077R<sub>1</sub>LE</b>	0.77				5920574	●	5965264	●	
	<b>095R<sub>1</sub>LE</b>	0.95	5108808			●	5109004	●		
	<b>097R<sub>1</sub>LE</b>	0.97	5919980			●	5965272	●		
	<b>100R<sub>1</sub>LE</b>	1.00	2.0			1.6	5108816	●	5108998	●
	<b>103R<sub>1</sub>LE</b>	1.03					5965298	●	5965306	●
	<b>120R<sub>1</sub>LE</b>	1.20					5108824	●	5108980	●
	<b>125R<sub>1</sub>LE</b>	1.25		5373360	●					
	<b>140R<sub>1</sub>LE</b>	1.40		5108782	●		5108907	●		
	<b>145RE</b>	1.45		5231667	●					
	<b>150R<sub>1</sub>LE</b>	1.50	3.0	2.7	5108899	●	5108972	●		
	<b>175RE</b>	1.75			5919998	●				
	<b>180R<sub>1</sub>LE</b>	1.80			5108881	●	5108964	●		
	<b>200R<sub>1</sub>LE</b>	2.00			5108873	●	5108956	●		
	<b>225R<sub>1</sub>LE</b>	2.25			5108865	●	5108949	●		
	<b>250R<sub>1</sub>LE</b>	2.50			5108857	●	5108931	●		
	<b>275R<sub>1</sub>LE</b>	2.75			5108840	●	5108923	●		
	<b>300R<sub>1</sub>LE</b>	3.00			5108832	●	5108915	●		
	<b>100R<sub>1</sub>LE01</b>	1.00			2.0	0.1	5109079	●	5109087	●
	<b>120R<sub>1</sub>LE01</b>	1.20					5109277	●	5109251	●
	<b>150R<sub>1</sub>LE01</b>	1.50	3.0	2.7			5109061	●	5109269	●
	<b>200R<sub>1</sub>LE01</b>	2.00			5109053	●	5109244	●		

## ● GTMX32-T

Shape	Item Number	Dimensions (mm)				PVD Coated Carbide							
		w	L	r <sub>ε</sub>	Max Depth of cut	QM3				DT4			
						R	Stock	L	Stock	R	Stock	L	Stock
 <p>● Right-Hand style shown</p>	<b>GTMX32030<sup>R</sup>/L</b>	0.30	0.6	0.05	0.25	5510110	●			5847967	●		
	<b>033<sup>R</sup>/L</b>	0.33				5510102	●						
	<b>043<sup>R</sup>/L</b>	0.43	1.2	0.05	0.9	5510094	●			5847983	●		
	<b>050<sup>R</sup>/L</b>	0.50				5493895	●			5847991	●		
	<b>053<sup>R</sup>/L</b>	0.53				5510086	●						
	<b>065<sup>R</sup>/L</b>	0.65				5510078	●			5849013	●		
	<b>075<sup>R</sup>/L</b>	0.75	2.0	0.05	1.6	5493903	●	5510540	●	5848999	●	5848981	●
	<b>080<sup>R</sup>/L</b>	0.80				5510060	●			5848965	●		
	<b>095<sup>R</sup>/L</b>	0.95				5493911	●	5510581	●	5848882	●	5848874	●
	<b>100<sup>R</sup>/L</b>	1.00				5493929	●			5848866	●		
	<b>110<sup>R</sup>/L</b>	1.10				5510052	●						
	<b>120<sup>R</sup>/L</b>	1.20				5493937	●			5848841	●		
	<b>125<sup>R</sup>/L</b>	1.25				5510045	●			5848833	●		
	<b>130<sup>R</sup>/L</b>	1.30				5510037	●			5848825	●		
	<b>140<sup>R</sup>/L</b>	1.40				5510029	●			5848817	●		
	<b>145<sup>R</sup>/L</b>	1.45				5510011	●						
	<b>150<sup>R</sup>/L</b>	1.50	5493945	●	5510672	●	5848791	●	5848783	●			
	<b>160<sup>R</sup>/L</b>	1.60	5510003	●			5848775	●					
	<b>175<sup>R</sup>/L</b>	1.75	3.0	0.05	2.7	5510243	●			5848767	●		
	<b>180<sup>R</sup>/L</b>	1.80				5510250	●			5848759	●		
	<b>200<sup>R</sup>/L</b>	2.00				5510227	●	5510425	●	5848742	●	5848734	●
	<b>250<sup>R</sup>/L</b>	2.50				5510219	●	5510417	●	5848726	●	5848718	●
	<b>300<sup>R</sup>/L</b>	3.00	5510235	●			5848700	●					
	<b>100<sup>R</sup>/L</b> T01	1.00	2.0	0.1	1.6	5510136	●			5848692	●		
	<b>120<sup>R</sup>/L</b> T01	1.20				5510128	●			5848684	●		
	<b>150<sup>R</sup>/L</b> T01	1.50	3.0	0.2	2.7	5510482	●			5848676	●		
	<b>200<sup>R</sup>/L</b> T01	2.00				5510433	●	5510441	●	5848668	●	5848650	●
	<b>250<sup>R</sup>/L</b> T01	2.50				5523204	●			5848627	●		
	<b>150<sup>R</sup>/L</b> T02	1.50	3.0	0.2	2.7	5523196	●			5848643	●		
	<b>200<sup>R</sup>/L</b> T02	2.00				5523188	●			5848635	●		
<b>250<sup>R</sup>/L</b> T02	2.50	5523170				●			5848619	●			
<b>300<sup>R</sup>/L</b> T02	3.00	5523162				●			5848601	●			

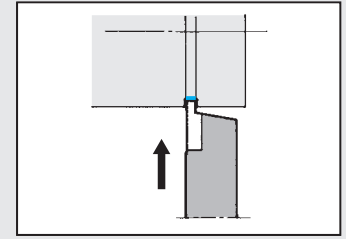
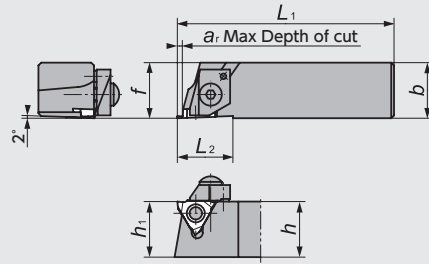
- New Products
- Tool Materials / Selection Guide
- Micrograin Carbide, BIDEIMCS, PCD, PVD Coated Carbide, CBN and Ceramics
- Insert Item List
- General Turning Toolholders
- Unique Swiss Tooling
- Grooving / Side Turning
- Threading
- Shaper
- ID Tooling
- Application Introduction
- Endmills
- Rotating Tools
- Information
- Index

# Grooving / Side Turning

## NGT Series

### NGTN

Clamp-on  
No-Offset

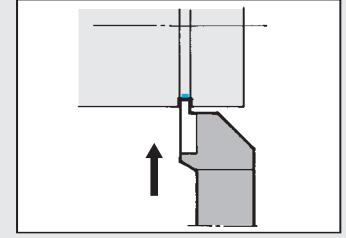
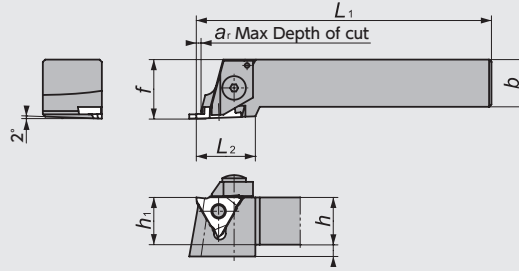


● Right-Hand style shown

Figure-1

### NGTB

Clamp-on  
With Offset

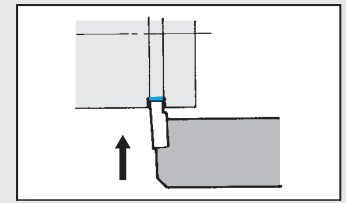
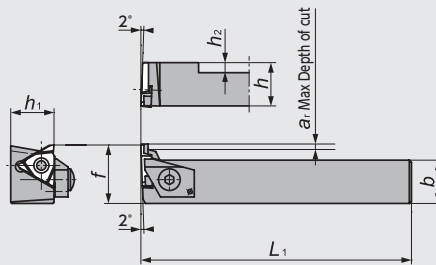


● Right-Hand style shown

Figure-2

### NGTA

Clamp-on



● Left-Hand style shown  
☆ Takes Right-hand insert

Figure-3

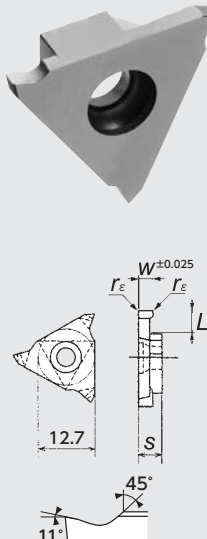
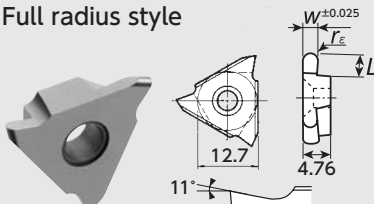
## NGT Series - Toolholders

Figure	Code No.		Item Number	Stock		Dimensions (mm)								Groove Width Range (mm) w	Gage insert	Spare Parts			
	R	L		R	L	h	b	L <sub>1</sub>	h <sub>1</sub>	f	L <sub>2</sub>	a	h <sub>2</sub>			Clamp	Clamp Bolt	Spring	Wrench
1	5501994	5554241	NGTN <sup>R/L</sup> 161643-20	●	●									2.00-3.49	GTMA43 GTMT43 H27	CPR/L5S	AOS-5*25	ASG-5	LW-2.5
	5534136	5222112	161643-35	●	●	16	16	78	16	16	20	4.5	9	3.50-5.50					
2	5239900	5239843	NGTB <sup>R/L</sup> 161643-00S	●	●								3.0	1.00-2.49	GTMA43 GTMT43 H27	CPR/L5	AOS-5*25	ASG-5	LW-2.5
	5949615	5210901	161643-20S	●	●	16	16	100	16	20			4.5	2.00-3.49					
	5806096	5222021	161643-35S	●	●									3.50-5.50					
	5239850	5239868	202043-00S	●	●								3.0	1.00-2.49					
	5550041	5553367	202043-20S	●	●	20	20	125	20	25			4.5	2.00-3.49					
	5553375	5222039	202043-35S	●	●						25			3.50-5.50					
	5239876	5239892	252543-00S	●	●								3.5	1.00-2.49					
	5550058	5550066	252543-20S	●	●	25		150	25					2.00-3.49					
	5550074	5550082	252543-35S	●	●		25			30			5.5	3.50-5.50					
	5553433	5553441	322543-20S	●	●									2.00-3.49					
5222013	5222047	322543-35S	●	●	32		170	32					3.50-5.50						
3	5004155	NGTA <sup>R/L</sup> 161643-00S	●	●	16	16	100	16	23	—	3.0	4	1.00-2.49	GTMA43 GTMT43 H27	CPR/L5S*	AOS-5*20	ASG-5	LW-2.5	
	5884903	202043-00S	●	●	20	20	125	20	27	—	3.0	—	※1						CPR/L6*

※1 Would be changed by insert  
 ※Left-Hand clamp with should be used with right-hand holder  
 Right-Hand clamp with should be used with left-hand holder

## GTT/NGT Series - Inserts

### ● GTMT43/GTMA43

Shape	Item Number	Dimensions (mm)					PVD Coated Carbide							
		w	L	r <sub>ε</sub>	s	Max Depth of cut	QM3				DM4			
							R	Stock	L	Stock	R	Stock	L	Stock
 <p>● Right-Hand style shown</p>	<b>GTMT43145</b> <sup>R/L</sup>	1.45	3.5	0.2	4.76	3.0	5238076	●	5237912	●	5846852	●	5846860	●
	<b>150</b> <sup>R/L</sup>	1.50					5238084	●	5237920	●	5846837	●	5846845	●
	<b>175</b> <sup>R/L</sup>	1.75					5238092	●	5237938	●	5846811	●	5846829	●
	<b>185</b> <sup>R/L</sup>	1.85					5238100	●	5237946	●	5846795	●	5846803	●
	<b>200</b> <sup>R/L</sup>	2.00					5238118	●	5237953	●	5846779	●	5846787	●
	<b>230</b> <sup>R/L</sup>	2.30					5238126	●	5237961	●	5846753	●	5846761	●
	<b>250</b> <sup>R/L</sup>	2.50	5238134	●			5846746	●						
	<b>265</b> <sup>R/L</sup>	2.65	5238142	●			5846910	●						
	<b>280</b> <sup>R/L</sup>	2.80	5238159	●			5237904	●	5846902	●	5846738	●		
	<b>300</b> <sup>R/L</sup>	3.00	5238167	●			5237987	●	5846894	●	5846720	●		
	<b>330</b> <sup>R/L</sup>	3.30	5238175	●			5237995	●						
	<b>350</b> <sup>R/L</sup>	3.50	5.5	0.3			4.3	5238183	●	5238001	●	5846704	●	5846712
	<b>400</b> <sup>R/L</sup>	4.00	5238191		●	5238019		●	5846688	●	5846696	●		
	<b>430</b> <sup>R/L</sup>	4.30												
	<b>450</b> <sup>R/L</sup>	4.50		0.4	5.76	5238233	●	5238035	●	5846639	●	5846670	●	
	<b>500</b> <sup>R/L</sup>	5.00				5238241	●	5238043	●	5846613	●	5846621	●	
<b>550</b> <sup>R/L</sup>	5.50				5238258	●	5238050	●	5846597	●	5846605	●		
<b>Full radius style</b>  <p>● Right-Hand style shown</p>	<b>GTMA43200</b> <sup>R/L</sup> <b>10R</b>	2.00	3.5	1.0	—	3.0	5437918	●						
	<b>300</b> <sup>R/L</sup> <b>15R</b>	3.00	5.5	1.5			4.5	5437926	●					
	<b>400</b> <sup>R/L</sup> <b>20R</b>	4.00	2.0	5437934				●						

- New Products
- Tool Materials / Selection Guide
- Micrograin Carbide, PCBN, PCD, BIDEIMCS, PCBN and Ceramics
- PVD Coated Carbide, CBN and Ceramics
- Insert Item List
- General Turning Toolholders
- Unique Swiss Tooling
- Grooving / Side Turning
- Threading
- Shaper
- ID Tooling
- Application Introduction
- Endmills
- Rotating Tools
- Information
- Index

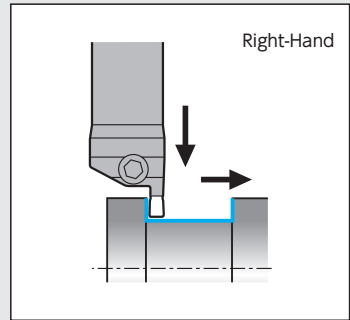
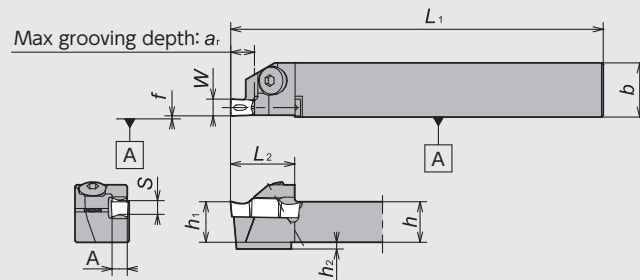


# Grooving / Side Turning

## GTW (SCRUM DUO) Series

### GTWP

Side Turning Capable  
For Swiss Machine

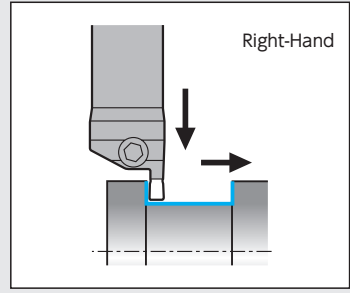
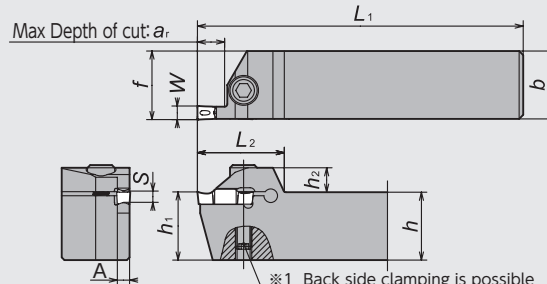


● Right-Hand style shown

Figure-1

### GTWP

Side Turning Capable  
For Mono-shank style



Recommended tightening torque 7.0[N · m]  
● Right-Hand style shown

Figure-2

## GTW Series - Toolholders

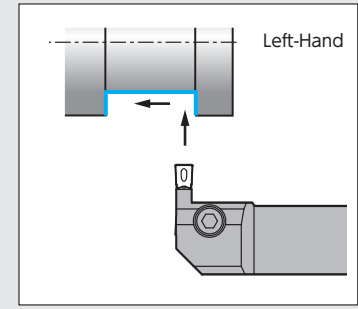
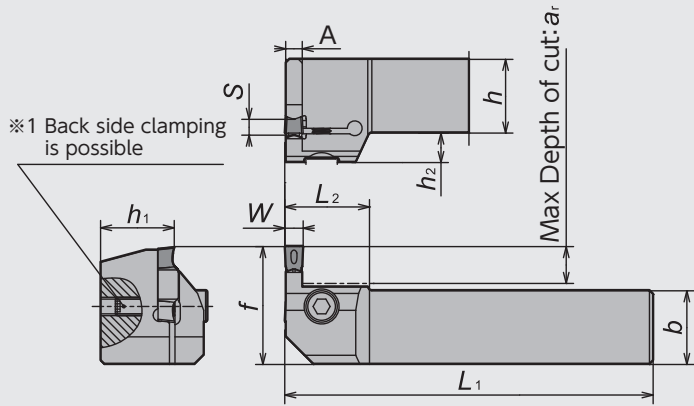
Figure	Code No.		Item Number	Stock		Groove Width (mm) w	Max Depth of cut ar	Dimensions (mm)							Seat Size S	Gage insert	Spare Parts			
	R	L		R	L			h	b	h <sub>1</sub>	h <sub>2</sub>	f	L <sub>1</sub>	L <sub>2</sub>			A	Clamp Bolt	Wrench	Wrench #1
1	5875125		GTWP <sup>®</sup> 1016-3D07	●	●	3	7	10		12	2			19	2.6	D	GWPO300	AOB-5*14	LW-3S	—
	5849054	5852280	1216-3D07	●	●		9	16		16	0		19.5					AOB-5*16		
	5849070	5852306	1616-3D09	●	●		9	16		16	0		22					AOB-5*16		
	5875133		1016-4E07	●	●	4	7	10		12	2		19	3.5	E	GWPO400	AOB-5*14			
	5849088	5852314	1216-4E07	●	●		9	16		16	0		19.5					AOB-5*16		
	5849096	5852322	1616-4E09	●	●		9	16		16	0		22					AOB-5*16		
	5875141		1016-5F07	●	●	5	7	10		12	2		19	4.5	F	GWPO500	AOB-5*14			
	5849104	5852355	1216-5F07	●	●		9	16		16	0		19.5					AOB-5*16		
	5849112	5852371	1616-5F09	●	●		9	16		16	0		22					AOB-5*16		
	5893565		1020-6G07	●	●	6	7	10	20	10	2		22	5.3	G	GWPO600	AOB-5*14			
5893573		1220-6G07	●	●	7		12	20	12	0		22.5					AOB-5*16			
5893581	5893599	1620-6G09	●	●	9		16	20	16	0		25					AOB-5*16			
2	5849120	5852397	GTWP <sup>®</sup> 2020K-3D10	●	●	3	10	20	20	20	8	20.2	125	29	2.6	D	GWPO300	CS0520W	LW-4	LW-2.5
	5849138	5852405	2525M-3D10	●	●		20	25	25	25	9	25.2	150	32				CS0625W	LW-5	LW-3
	5849146	5852421	2020K-3D20	●	●		20	20	20	20	8	20.2	125	41				CS0520W	LW-4	LW-2.5
	5849153	5852439	2525M-3D20	●	●	20	25	25	25	9	25.2	150	44	CS0625W	LW-5	LW-3				
	5849161	5852447	2020K-4E10	●	●	4	10	20	20	20	8	20.3	125	29	3.5	E	GWPO400	CS0520W	LW-4	LW-2.5
	5849179	5852454	2525M-4E10	●	●		20	25	25	25	9	25.3	150	32				CS0625W	LW-5	LW-3
	5849187	5852470	2020K-4E20	●	●		20	20	20	20	8	20.3	125	41				CS0520W	LW-4	LW-2.5
	5849195	5852488	2525M-4E20	●	●	20	25	25	25	9	25.3	150	44	CS0625W	LW-5	LW-3				
	5849203	5852496	2020K-5F10	●	●	5	10	20	20	20	8	20.3	125	29	4.5	F	GWPO500	CS0520W	LW-4	LW-2.5
	5849211	5852512	2525M-5F10	●	●		20	25	25	25	9	25.3	150	32				CS0625W	LW-5	LW-3
	5849229	5852520	2020K-5F20	●	●		20	20	20	20	8	20.3	125	41				CS0520W	LW-4	LW-2.5
	5849237	5852538	2525M-5F20	●	●	20	25	25	25	9	25.3	150	44	CS0625W	LW-5	LW-3				
	5849245	5852546	2020K-6G12	●	●	6	12	20	20	20	8	20.35	125	34	5.3	G	GWPO600	CS0520W	LW-4	LW-2.5
	5849252	5852553	2525M-6G12	●	●		25	25	25	25	9	25.35	150	37				CS0625W	LW-5	LW-3
	5849260	5852561	2020K-6G25	●	●		20	20	20	20	8	20.35	125	49				CS0520W	LW-4	LW-2.5
	5849278	5852587	2525M-6G25	●	●	25	25	25	25	9	25.35	150	52	CS0625W	LW-5	LW-3				

\*1 Back side clamping wrench is not included

\*Do not tighten clamp screw without installing insert as it may damage the insert pocket.

## GKW (SCRUM DUO) Series

### GKWP



Recommended tightening torque 7.0[N · m]  
● Left-Hand style shown

### GKW Series - Toolholders

Code No.		Item Number	Stock		Groove Width (mm) W	Max Depth of cut ar	Dimensions (mm)							Seat Size S	Gage insert	Spare Parts			
R	L		R	L			h	b	h <sub>1</sub>	h <sub>2</sub>	f	L <sub>1</sub>	L <sub>2</sub>			A	Clamp Bolt	Wrench	Wrench #1
	5893607	<b>GKWP</b> 2020K-3D10	●		3	10						2.6	D	GWPO300	CS0520W	LW-4	LW-2.5		
	5893615	2020K-4E10	●		4		20	20	20	8	32	125	23	3.5				E	GWPO400
	5893623	2020K-5F10	●		5									4.5				F	GWPO500
	5893631	2020K-6G12	●		6	12					34			5.3				G	GWPO600

※1 Back side clamping wrench is not included  
※Do not tighten clamp screw without installing insert as it may damage the insert pocket.

### GTW/GKW Series - Inserts

Shape	Item Number	Dimensions (mm)					Seat Size S	PVD Coated Carbide				
		W		r <sub>e</sub>	M	L		DM4	Stock			
		Groove Width	Tolerance									
<p>GWPG: Outside ground GWPM: Full-molded ● Excellent chip control ● Best for side turning</p>	<b>GWPG300N02D-GW</b>	3.0	±0.025	0.2	2.5	20.6	D	5848023	●			
	<b>300N04D-GW</b>							0.4	5848031	●		
	<b>GWPG400N02E-GW</b>							4.0	0.2	3.4	E	5848064
	<b>400N04E-GW</b>	0.4	5848072	●								
	<b>400N08E-GW</b>	0.8	5852868	●								
	<b>GWPG500N02F-GW</b>	5.0	0.2	0.4	4.3	F	5848106	●				
	<b>500N04F-GW</b>						0.4	5848114	●			
	<b>500N08F-GW</b>						0.8	5852876	●			
	<b>GWPG600N02G-GW</b>	6.0	0.2	0.4	5.2	25.6	G	5848148	●			
	<b>600N04G-GW</b>							0.4	5848155	●		
	<b>600N08G-GW</b>							0.8	5852900	●		
	<p>● Less tool pressure design</p>	<b>GWPM300N04D-GW</b>	3.0	±0.05	0.4	2.5	20.6	D	5848171	●		
<b>400N04E-GW</b>		4.0							3.4	E	5848197	●
<b>500N04F-GW</b>											5.0	4.3
<b>600N04G-GW</b>		6.0							5.2	G		
	<b>GWPG300N02D-GV</b>	3.0	±0.025	0.2	2.5	20.6	D	5848262	●			
	<b>300N04D-GV</b>							0.4	5848270	●		
	<b>GWPG400N02E-GV</b>	4.0	0.2	3.4	E	5848353	●					
	<b>400N04E-GV</b>					0.4	5848361	●				
	<b>GWPG500N02F-GV</b>	5.0	0.2	4.3	F	5848395	●					
	<b>500N04F-GV</b>					0.4	5848403	●				
	<b>GWPG600N02G-GV</b>	6.0	0.2	5.2	25.6	G	5848437	●				
	<b>600N04G-GV</b>						0.4	5848445	●			

New Products  
 Tool Materials / Selection Guide  
 Micrograin Carbide, BIDEIMCS, PCD, CBN and Ceramics  
 PVD Coated Carbide  
 Insert Item List  
 General Turning Toolholders  
 Unique Swiss Tooling  
 Grooving / Side Turning  
 Threading  
 Shaper  
 ID Tooling  
 Application Introduction  
 Endmills  
 Rotating Tools  
 Information  
 Index