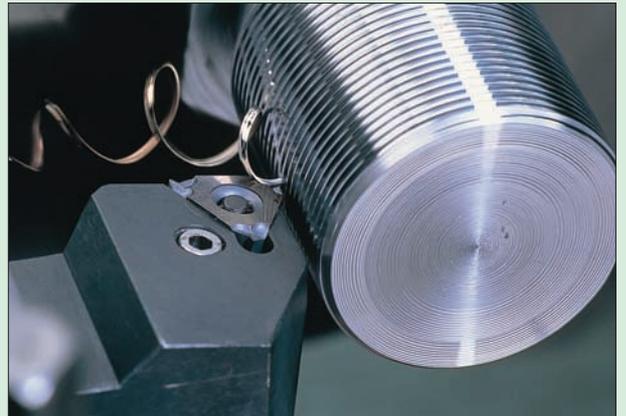


# Threading Holders

E41 ~ E49



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# Threading Process Guide

## ■ Wiper Insert

Application	Cat. No.	Pitch	Depth-of-cut	No. of Passes	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
60° ISO Metric Thread	External	TME100R	1.00mm	0.68	5	0.20	0.16	0.14	0.11	0.07									
		TME125R	1.25	0.82	6	0.20	0.18	0.15	0.12	0.11	0.07								
		TME150R	1.50	0.96	7	0.22	0.18	0.14	0.13	0.12	0.10	0.07							
		TME175R	1.75	1.12	8	0.22	0.19	0.16	0.14	0.13	0.12	0.09	0.07						
		TME200R	2.00	1.25	8	0.25	0.21	0.18	0.16	0.15	0.13	0.10	0.07						
		TME250R	2.50	1.55	10	0.27	0.24	0.20	0.18	0.16	0.13	0.11	0.10	0.09	0.07				
		TME300R	3.00	1.85	12	0.28	0.25	0.20	0.19	0.17	0.15	0.13	0.12	0.10	0.10	0.09	0.07		
	TME350R	3.50	2.25	13	0.30	0.27	0.24	0.22	0.20	0.18	0.16	0.15	0.14	0.12	0.11	0.09	0.07		
	TME400R	4.00	2.57	14	0.35	0.32	0.29	0.26	0.23	0.20	0.17	0.15	0.14	0.12	0.10	0.09	0.08	0.07	
	Internal	TMI100R	1.00mm	0.63	5	0.18	0.16	0.12	0.10	0.07									
		TMI125R	1.25	0.77	6	0.18	0.16	0.14	0.12	0.10	0.07								
		TMI150R	1.50	0.90	7	0.20	0.16	0.14	0.13	0.11	0.09	0.07							
		TMI175R	1.75	1.03	8	0.20	0.18	0.15	0.14	0.11	0.10	0.08	0.07						
		TMI200R	2.00	1.18	8	0.22	0.19	0.17	0.15	0.14	0.13	0.11	0.07						
TMI250R		2.50	1.44	10	0.25	0.22	0.19	0.16	0.14	0.12	0.10	0.10	0.09	0.07					
TMI300R		3.00	1.70	12	0.27	0.24	0.20	0.17	0.14	0.12	0.12	0.10	0.10	0.09	0.08	0.07			
60° Unified Thread	External	TUE24R	24/TPI	0.72	5	0.20	0.18	0.15	0.12	0.07									
		TUE20R	20	0.85	6	0.21	0.18	0.16	0.13	0.10	0.07								
		TUE18R	18	0.95	6	0.22	0.20	0.18	0.16	0.12	0.07								
		TUE16R	16	1.05	7	0.22	0.20	0.17	0.15	0.13	0.11	0.07							
		TUE14R	14	1.20	8	0.22	0.20	0.18	0.16	0.14	0.12	0.11	0.07						
		TUE12R	12	1.38	9	0.25	0.22	0.19	0.17	0.15	0.13	0.11	0.09	0.07					
		TUE08R	8	2.05	12	0.28	0.25	0.23	0.21	0.19	0.17	0.15	0.14	0.13	0.12	0.11	0.07		
55° Pipe Thread	External	TPE28R	28/TPI	0.62	5	0.18	0.15	0.13	0.10	0.06									
		TPE19R	19	0.90	6	0.22	0.20	0.17	0.15	0.11	0.07								
		TPE14R	14	1.19	7	0.22	0.20	0.17	0.15	0.13	0.10	0.07							
		TPE11R	11	1.50	9	0.25	0.22	0.21	0.19	0.17	0.15	0.13	0.11	0.07					

※ When pitch becomes smaller, decrease the cutting speed. In case of non wiper insert for internal threading, passing sequence should be increased.

## ■ Recommended Cutting Speeds

(Units: m / min)

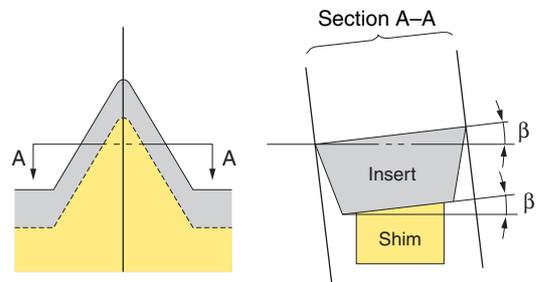
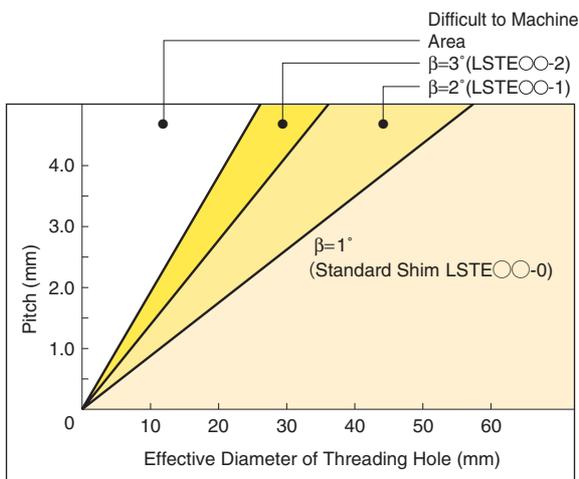
Materials	Grades	AC225	T1200A / T130A	A30	ST10P
Low Carbon Steel		150 – 200	100 – 150	70 – 120	120 – 180
Carbon Steel		100 – 170	80 – 130	70 – 100	90 – 150
Alloy Steel		90 – 150	80 – 120	70 – 100	80 – 130
Stainless Steel		70 – 140	—	70 – 100	—

## ■ Non-Wiper Insert

Application	Cat. No.	Nose Radius	Pitch	Depth-of-cut	No. of Passes	1	2	3	4	5	6	7	8	9	10	11	12	13	14					
60° ISO Metric Thread	External	TME1020R	0.13	1.00mm	0.65	5	0.20	0.16	0.12	0.10	0.07													
				1.25	0.84	6	0.20	0.18	0.16	0.13	0.10	0.07												
				1.50	1.03	7	0.22	0.20	0.17	0.15	0.12	0.10	0.07											
				1.75	1.22	8	0.22	0.21	0.18	0.16	0.15	0.13	0.10	0.07										
				2.00	1.41	10	0.22	0.20	0.18	0.16	0.14	0.13	0.12	0.10	0.09	0.07								
	External	TME1530R	0.20	1.50mm	0.95	7	0.22	0.17	0.14	0.13	0.12	0.10	0.07											
				1.75	1.14	8	0.22	0.18	0.16	0.15	0.14	0.12	0.10	0.07										
				2.00	1.33	9	0.25	0.20	0.18	0.16	0.15	0.13	0.10	0.09	0.07									
				2.50	1.71	12	0.25	0.22	0.19	0.17	0.15	0.14	0.13	0.12	0.10	0.09	0.08	0.07						
				3.00	2.09	14	0.25	0.22	0.20	0.20	0.18	0.17	0.15	0.14	0.14	0.10	0.10	0.10	0.09	0.08	0.07			
	Internal	TMI1020R	0.06	1.00mm	0.59	6	0.16	0.12	0.10	0.08	0.08	0.05												
				1.25	0.75	7	0.16	0.14	0.12	0.10	0.10	0.08	0.05											
				1.50	0.92	8	0.18	0.15	0.14	0.12	0.10	0.10	0.08	0.05										
				1.75	1.08	9	0.18	0.16	0.14	0.13	0.12	0.12	0.10	0.08	0.05									
				2.00	1.24	10	0.20	0.18	0.15	0.14	0.12	0.12	0.10	0.10	0.08	0.05								
		Internal	TMI1530R	0.09	1.50mm	0.91	8	0.18	0.14	0.14	0.12	0.10	0.10	0.08	0.05									
					1.75	1.07	9	0.18	0.16	0.13	0.13	0.12	0.12	0.10	0.08	0.05								
					2.00	1.23	10	0.20	0.18	0.14	0.14	0.12	0.12	0.10	0.10	0.08	0.05							
					2.50	1.56	12	0.20	0.18	0.16	0.16	0.15	0.13	0.13	0.11	0.11	0.10	0.08	0.05					
					3.00	1.88	14	0.22	0.20	0.18	0.18	0.16	0.16	0.14	0.14	0.10	0.10	0.10	0.10	0.08	0.07	0.05		
55° Pipe Thread	External	TWE2416R	0.13	20/TPI	0.80	6	0.20	0.17	0.15	0.12	0.09	0.07												
				19	0.84	6	0.20	0.18	0.16	0.13	0.10	0.07												
				18	0.90	7	0.20	0.18	0.15	0.12	0.10	0.08	0.07											
				16	1.03	7	0.22	0.20	0.17	0.15	0.12	0.10	0.07											
				14/TPI	1.07	8	0.20	0.17	0.15	0.14	0.13	0.12	0.09	0.07										
	External	TWE1410R	0.23	12	1.29	9	0.22	0.20	0.17	0.15	0.14	0.13	0.12	0.09	0.07									
				11	1.43	10	0.22	0.21	0.18	0.16	0.14	0.13	0.12	0.11	0.09	0.07								
				10	1.60	11	0.22	0.21	0.18	0.17	0.16	0.14	0.13	0.12	0.11	0.09	0.07							

※ When pitch becomes smaller, decrease the cutting speed. In case of non wiper insert for internal threading, passing sequence should be increased.

## ■ Shim Selection For LTE Type Holder



Standard Shim for LTE come with  $\beta = 1^\circ$   $\beta = 2^\circ$  ,  $3^\circ$  shims are sold separately STE and STI Type holders do not come with shims.

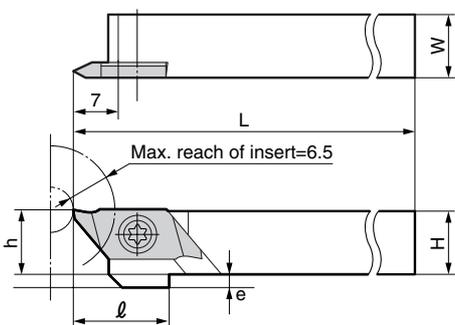
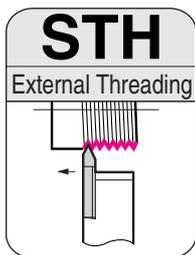
# SEC-External Threading Tool Holders

## STH Type

### External Threading

- Metric Threads
- Whitworth Threads

*New*



### Holder

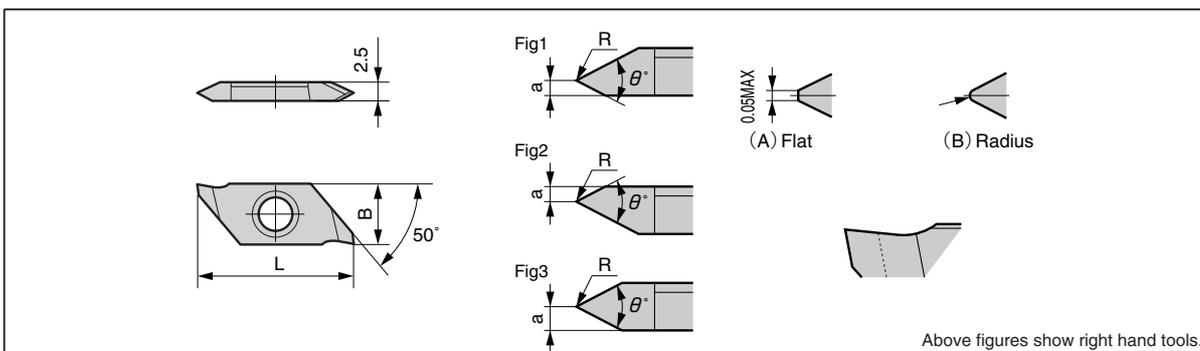
Above figures show right hand tools.

Cat. No.	Stock		Dimensions (mm)						Applicable Insert
	R	L	H	W	L	h	e	l	
STH R/L0810	●	●	8	10	120	8	4	15	THR/L
STH R/L1010	●	●	10	10	120	10	2	15	
STH R/L1212F	●	●	12	12	85	12	0	15	
STH R/L1212	●	●	12	12	120	12	0	15	
STH R/L1616H	●	●	16	16	100	16	0	15	
STH R/L1616	●	●	16	16	120	16	0	15	
STH R/L2020	●	●	20	20	80	20	0	15	

### Parts

Clamp Screw	Wrench
BFTX0410NTW	RT08
BFTX0412NTW	
BFTX0410NT	LT25NT

### Insert



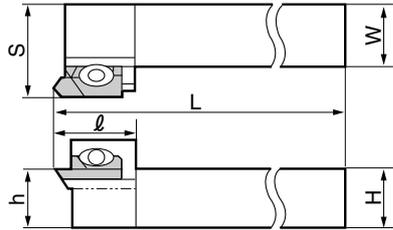
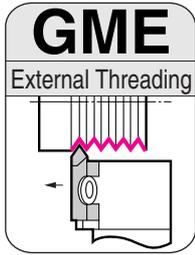
Above figures show right hand tools.

Cat. No.	Coated	Pitch		Dimensions (mm)					Shape	Grooving edge shape	Applicable Holder
	ACZ150	mm	TPI	L	B	R	a	$\theta$			
TH R/L6002075A	●	0.2~0.75	—	20	8	—	0.4	60°	Fig1	(A)	STH type
TH R/L6002075B	●	0.2~0.75	—	20	8	—	0.4	60°	Fig2	(A)	
TH R/L6005125A	●	0.5~1.25	—	20	8	R0.05	0.8	60°	Fig1	(B)	
TH R/L6005125B	●	0.5~1.25	—	20	8	R0.05	0.8	60°	Fig2	(B)	
TH R/L601015N	●	1.0~1.5	—	20	8	R0.10	1.25	60°	Fig3	(B)	
TH R/L550515A	●	0.529~1.58	48~16	20	8	R0.05	0.8	55°	Fig1	(B)	
TH R/L550515B	●	0.529~1.58	48~16	20	8	R0.05	0.8	55°	Fig2	(B)	

# SEC-External Threading Tool Holders GME Type

## External Threading

• Metric Threads



### Holder

Cat. No.	Stock	Dimensions (mm)					
		H	W	L	S	h	$\phi$
<b>GME R1010</b>	●	10	10	114	16	10	15
<b>GME R1212</b>	●	12	12	114	18	12	15
<b>GME R1616</b>	●	16	16	114	22	16	21
<b>GME R2020</b>	●	20	20	114	26	20	21

### Insert

Cat. No.	Coated GAC50	Pitch (mm)	Dimensions (mm)				Applicable Holder
			L	B	R	a	
<b>MGTER440</b>	●	0.5 ~ 2.5	12.7	3.8	0.05	1.50	GME R0000

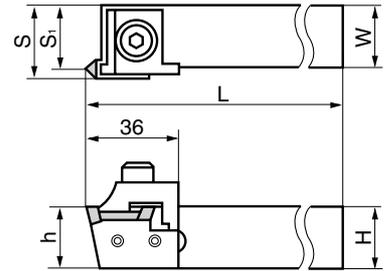
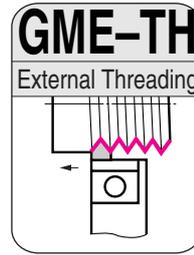
### Parts

Holder Cat. No.	Screw	Wrench
<b>GME R1010</b> <b>GME R1212</b> <b>GME R1616</b> <b>GME R2020</b>	BXS0411	TH025

# SEC-External Threading Tool Holders GME-TH Type

## External Threading

• Metric Threads  
• Whitworth Threads



### Holder

Above figures show right hand tools.

Cat. No.	Stock		Dimensions (mm)					
	R	L	H	W	L	S	S <sub>1</sub>	h
<b>GME R/L2525TH</b>	●		25	25	114.7	29.3	26.4	25
<b>GME R/L2525THL</b>			25	25	150	29.3	26.4	25
<b>GME R/L3232TH</b>			32	32	170	36.3	33.4	32

### Insert

Cat. No.	Uncoated			Pitch		Included Angle $\theta^\circ$	R
	ST20E	A30	G10E	mm	TPI		
<b>MTG40</b>	●			3 ~ 4	—	60	0.3
<b>MTG50</b>	●			5	—	60	0.4
<b>MTG60</b>	●			6	—	60	0.5
<b>MWG40</b>	●			—	11 ~ 9	55	0.3
<b>MWG50</b>	●			—	8 ~ 6	55	0.4
<b>MWG60</b>	●			—	5 ~ 4.5	55	0.6

### Parts

Holder Cat. No.	Top Clamp	Support	Cap Screw	Wrench
<b>GME R/L2525TH</b> <b>GME R/L2525THL</b> <b>GME R/L3232TH</b>	GTCR/L	GTR/L	BX0414 (For Support) BX0820 (For Clamp)	LH030 (For Support) LH060 (For Clamp)

### Recommended Condition

Material	Carbon Steel	Alloy Steel	Stainless Steel
Cutting Speed (m/min)	70 ~ 120	70 ~ 100	70 ~ 100

# SEC-External Threading Tool Holders LTE Type

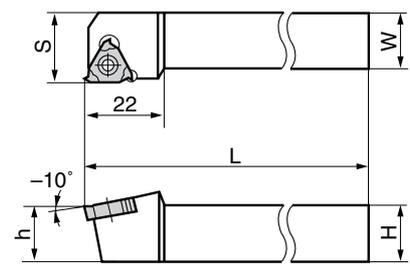
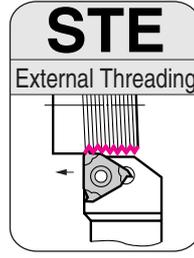
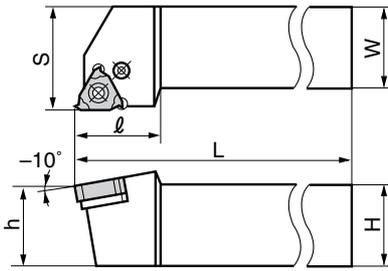
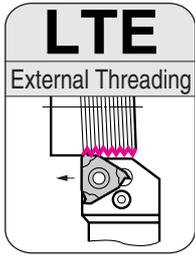
# SEC-External Threading Tool Holders STE Type

## External Threading

- Metric Threads
- Whitworth Threads
- Unified Threads
- Pipe Tapered Threads

## External Threading

- Metric Threads
- Whitworth Threads
- Unified Threads
- Pipe Tapered Threads



### Holder

Cat. No.	Stock	Dimensions (mm)					
		H	W	L	S	h	ℓ
LTE R2020	●	20	20	125	25	20	25
LTE R2525	●	25	25	150	32	25	25
LTE R2525M22	●	25	25	150	32	25	28
LTE R3232P22	●	32	32	170	40	32	28

### Holder

Cat. No.	Stock	Dimensions (mm)				
		H	W	L	S	h
STE R1212	●	12	12	100	16	12
STE R1616	●	16	16	100	20	16

### Insert

Type	Cat. No.	Pitch		Stock			Dimensions (mm)					Wiper Edge	Applicable Holder
		mm	TPI	AC225	T1200A	T130A	R	a	b	D	T		
60° Metric Thread	TME100R	1.00	-	●	●	●	0.13	0.8	1.2	9.525	3.65	Yes	LTER2020 LTER2525 STER1212 STER1616
	TME125R	1.25	-	●	●	●	0.17	0.8	1.2	9.525	3.65	Yes	
	TME150R	1.50	-	●	●	●	0.20	1.0	1.2	9.525	3.65	Yes	
	TME175R	1.75	-	●	▲	●	0.24	1.2	1.2	9.525	3.65	Yes	
	TME200R	2.00	-	●	●	●	0.27	1.4	1.2	9.525	3.65	Yes	
	TME250R	2.50	-	●	●	●	0.35	1.4	1.2	9.525	3.65	Yes	
	TME300R	3.00	-	●	●	●	0.42	1.8	1.2	9.525	3.65	Yes	LTER2525M22 LTER3232P22
	TME350R	3.50	-	●	●	●	0.49	2.5	1.7	12.70	4.60	Yes	
	TME400R	4.00	-	●	●		0.56	2.5	1.7	12.70	4.60	Yes	
	TME1020R	1.00-2.00	24~12	●	●	●	0.13	1.1	1.2	9.525	3.65	No	LTER2020 LTER2525 STER1212 STER1616
TME1530R	1.50-3.00	16~8	●	●	●	0.20	1.6	1.0	9.525	3.65	No		
TWE1410R	-	14~10	●	▲		0.23	1.4	1.2	9.525	3.65	No		
TWE2416R	-	24~16	●	▲		0.13	1.1	1.2	9.525	3.65	No		
TUE24R	-	24		▲		0.14	0.8	1.2	9.525	3.65	Yes		
TUE20R	-	20	●			0.17	0.8	1.2	9.525	3.65	Yes		
TUE18R	-	18	●			0.19	1.0	1.2	9.525	3.65	Yes		
TUE16R	-	16	●			0.22	1.2	1.2	9.525	3.65	Yes		
TUE14R	-	14	●	▲		0.25	1.2	1.2	9.525	3.65	Yes		
TUE12R	-	12	●			0.30	1.4	1.2	9.525	3.65	Yes		
TUE08R	-	8	●			0.45	1.8	1.2	9.525	3.65	Yes		
55° Pipe Tapered Thread	TPE28R	-	28	●			0.11	0.9	0.7	9.525	3.65	Yes	LTER2020 LTER2525 STER1212 STER1616
	TPE19R	-	19	●	▲		0.17	0.9	0.7	9.525	3.65	Yes	
	TPE14R	-	14	●	▲		0.24	1.6	1.2	9.525	3.65	Yes	
	TPE11R	-	11	●	▲		0.31	1.6	1.2	9.525	3.65	Yes	

### Parts (\* Refer to E43 for shim selection)

Holder Cat. No.	Lever Pin	Clamp Bolt	Shim	Shim Pin	Wrench
LTER2020 LTER2525	LCL3S	LCS3TE	LSTE31-0	LSP3	LH025
LTER2525M22 LTER3232P22	LCL4S	LCS4	LSTE42-0	LSP4	LH030

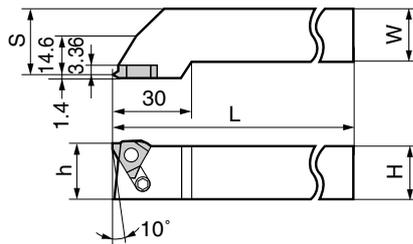
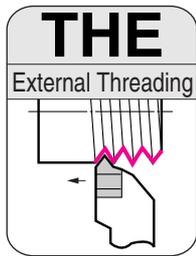
### Parts

Holder Cat. No.	Screw	Wrench
STER1212 STER1616	BFTX03508	TRX10

# SEC-External Threading Tool Holders THE Type

## External Threading

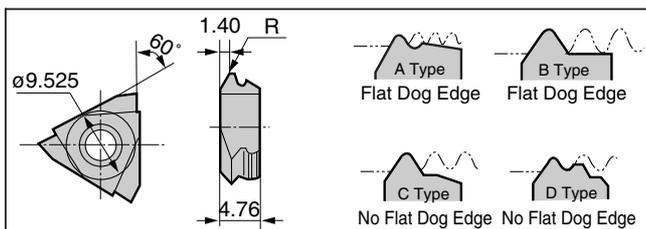
- Metric Threads
- Whitworth Threads
- Pipe Tapered Threads



### Holder

Cat. No.	Stock	Dimensions (mm)				
		H	W	L	S	h
<b>THE R-33</b>	●	20	20	125	25	20
<b>THE R-44</b>	●	25	25	150	32.2	25

### Insert



Cat. No.	Stock				Pitch		Nose Radius R	Included Angle $\theta^\circ$	Edge Type	Applicable Holder
	Cermet T1200A	Uncoated			mm	TPI				
		T12A	ST10P	A30						
<b>NER080</b>		●	●		0.80	-	0.08	60	A	THER-33 THER-44
<b>NER100</b>		●	●		1.00	-	0.11	60	A	
<b>NER125</b>		●	●		1.25	-	0.15	60	B	
<b>NER150</b>		●	●		1.50	-	0.18	60	B	
<b>NER175</b>		●	●		1.75	-	0.22	60	B	
<b>NER200</b>		●	●		2.00	-	0.25	60	B	
<b>NER250</b>		●	●		2.50	-	0.33	60	B	
<b>NER0815</b>	●	●	●	●	0.80~1.50	-	0.08	60	C	
<b>NER1530</b>	●	●	●	●	1.50~3.00	-	0.18	60	C	
<b>WER1410</b>	●				-	14~10	0.21	55	C	
<b>WER2416</b>	▲				-	24~16	0.11	55	C	
<b>PTER28</b>					-	28	0.99	55	D	
<b>PTER19</b>					-	19	0.15	55	D	

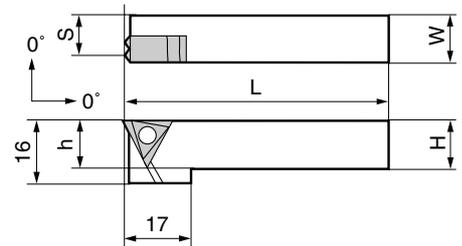
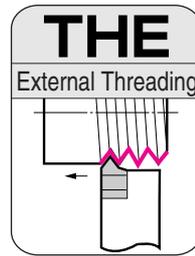
### Parts

Holder Cat. No.	Pitch	Set Screw	Wrench
	<b>THE R-33</b> <b>THE R-44</b>	SR124	BTD0510

# SEC-External Threading Tool Holders THE Type

## SEC-MINI Holder (External Threading)

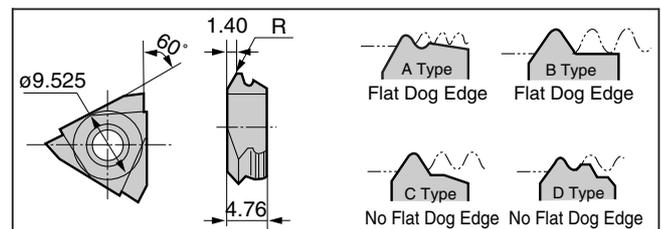
- Metric Threads
- Whitworth Threads
- Pipe Tapered Threads



### Holder

Cat. No.	Stock	Dimensions (mm)				
		H	W	L	S	h
<b>THE R1010-33</b>	●	10	10	100	8.6	10
<b>THE L1010-33</b>		10	10	100	8.6	10
<b>THE R1212-33</b>	●	12	12	100	10.6	12
<b>THE L1212-33</b>		12	12	100	10.6	12

### Insert



Cat. No.	Stock				Pitch		Nose Radius R	Included Angle $\theta^\circ$	Edge Type	Applicable Holder
	Cermet T1200A	Uncoated			mm	TPI				
		T12A	ST10P	A30						
<b>NER080</b>		●	●		0.80	-	0.08	60	A	THE R/L 1010-33 THE R/L 1212-33 Mini Holder
<b>NER100</b>		●	●		1.00	-	0.11	60	A	
<b>NER125</b>		●	●		1.25	-	0.15	60	B	
<b>NER150</b>		●	●		1.50	-	0.18	60	B	
<b>NER175</b>		●	●		1.75	-	0.22	60	B	
<b>NER200</b>		●	●		2.00	-	0.25	60	B	
<b>NER250</b>		●	●		2.50	-	0.33	60	B	
<b>NER0815</b>	●	●	●	●	0.80~1.50	-	0.08	60	C	
<b>NER1530</b>	●	●	●	●	1.50~3.00	-	0.18	60	C	
<b>WER1410</b>	●				-	14~10	0.21	55	C	
<b>WER2416</b>	▲				-	24~16	0.11	55	C	
<b>PTER28</b>					-	28	0.99	55	D	
<b>PTER19</b>					-	19	0.15	55	D	

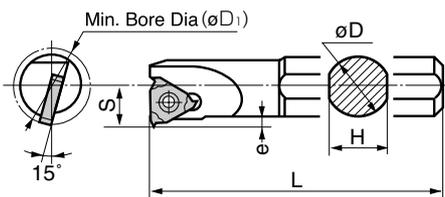
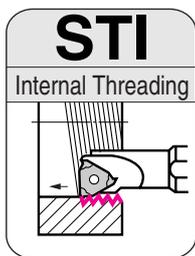
### Parts

Holder Cat. No.	Screw	Wrench
	<b>THER 1010/1212-33</b> <b>THEL 1010/1212-33</b>	BFX0410R BFX0410L

# SEC-Internal Threading Tool Holders STIR Type

## Internal Threading

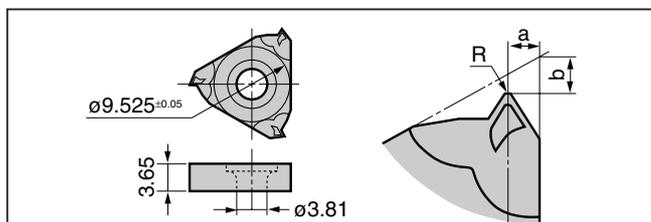
- Metric Threads
- Unified Threads



### Holder

Cat. No.	Stock	Dimensions (mm)					
		øD	H	L	S	e	øD <sub>1</sub>
STI R316	●	16	15	150	11	3.5	20
STI R320	●	20	18	180	14	5.0	25

### Insert



Cat. No.	Pitch		Stock			R	included Angle θ°	a	b
	mm	TPI	Uncoated	Coated	Cermet				
			AC225	T1200A					
TMI 100R	1.00	—	●	●		0.06	60	0.8	1.2
TMI 125R	1.25	—	●	●		0.07	60	0.8	1.2
TMI 150R	1.50	—	●	●		0.09	60	1.0	1.2
TMI 175R	1.75	—	●	●		0.11	60	1.2	1.2
TMI 200R	2.00	—	●	●		0.12	60	1.4	1.2
TMI 250R	2.50	—	●	●		0.16	60	1.4	1.2
TMI 300R	3.00	—	●	●		0.20	60	1.8	1.2
TMI 1020R	1.00~2.00	24~12	●	●		0.06	60	1.0	1.2
TMI 1530R	1.50~3.00	16~8	●	●		0.09	60	1.5	1.2

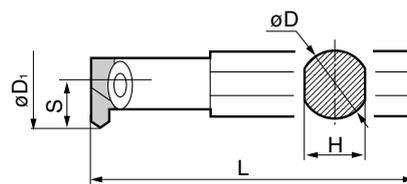
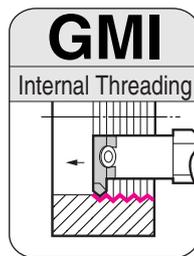
### Parts

Holder Cat. No.	Screw	Wrench
	STIR316 STIR320	BFTX03508

# SEC-Internal Threading Tool Holders GMI Type

## Internal Threading

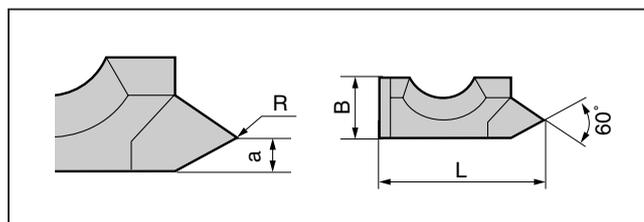
- Metric Threads



### Holder

Cat. No.	Stock	Dimensions (mm)					Min Bore ø D <sub>1</sub> (mm)
		øD	H	L	S	ø	
GMI R212	●	12	10.3	153	8		14
GMI R216	●	16	14.3	153	10		20

### Insert



Cat. No.	Coated GAC50	Pitch (mm)	Dimensions (mm)				Applicable Holder
			L	B	R	a	
MGTIR 440	●	0.5~2.5	12.7	3.8	0.05	1.50	GMIR212 GMIR216

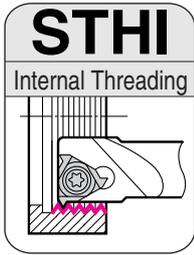
### Parts

Holder Cat. No.	Screw	Wrench
	GMIR212 GMIR216	BXS0411

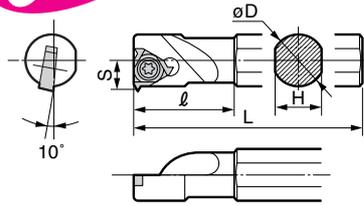
# SEC-Internal Threading Tool Holders STHI Type

## Internal Threading

• Metric Threads



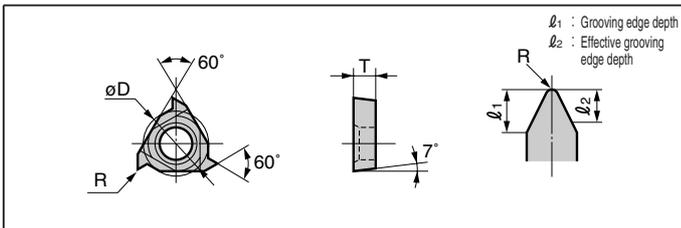
**New**



### Holder

Cat. No.	Stock	Dimensions (mm)					Min Bore (mm)	Applicable Insert
		$\phi D$	H	L	S	$l$		
STHI06	●	6	5.5	100	3.8	13.0	8.0	TIR06
STHI08	●	8	7.0	125	4.7	17.0	10.0	TIR08
STHI10	●	10	9.0	150	6.0	20.0	12.0	TIR09

### Insert



Cat. No.	Coated ACZ150	Pitch (mm)	Dimensions (mm)					Applicable Holder
			R	$\phi D$	T	$l_1$	$l_2$	
TIR06	●	0.4-0.5-1.0	0.03	3.97	1.59	0.7	0.5	STHI06
TIR08	●	0.4-0.5-1.0	0.03	4.76	2.38	0.7	0.5	STHI08
TIR09	●	0.4-0.5-1.0	0.03	5.56	2.38	0.7	0.5	STHI10

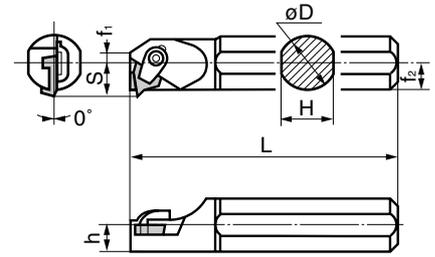
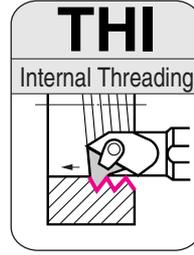
### Parts

Holder Cat. No.	Screw	Wrench
	STHI06	BFTX0204NS
STHI08	BFTX0205NS	
STHI10	BFTX02206NT	

# SEC-Internal Threading Tool Holders THI Type

## Internal Threading

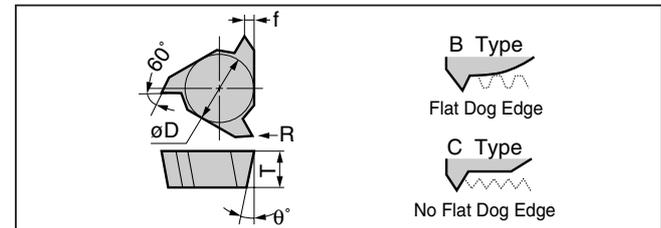
• Metric Threads



### Holder

Cat. No.	Stock	Dimensions (mm)							Min Bore (mm)
		$\phi D$	H	L	S	h	$f_1$	$f_2$	
THI R216	●	16	15	160	9.3	7.5	4	7.5	$\phi 18$
THI R320	●	20	18	160	11.7	9.0	6	9.0	$\phi 22$
THI R325	●	25	23	180	14.2	11.5	5	11.5	$\phi 27$

### Insert



Cat. No.	Uncoated ST10P	Pitch (mm)	Dimensions (mm)					Edge Type	Applicable Holder
			D	T	f	R	$\theta^\circ$		
NIR2000	●	0.8-1.5	6.35	3.18	0.85	0.05	12	C	THIR216
NIR2150	●	1.5	6.35	3.18	0.85	0.07	12	B	
NIR3000	●	0.8-2.5	9.525	3.18	1.35	0.05	10	C	THIR320
NIR3150	●	1.5	9.525	3.18	0.85	0.07	10	B	
NIR3200	●	2.0	9.525	3.18	1.10	0.11	10	B	THIR325

- The edge honing of the inserts can be enlarge for threading with NIR2000 over 1.5mm pitch and NIR3000 over 2.5mm pitch, honing amount should be within threading tolerances.
- Insert with 3 corner usage.

### Parts

Holder Cat. No.	Clamp	Double Screw	Wrench
	THIR216	CCM5BSL	WB5-10
THIR220	WB5-12		
THIR320	CCM6BL		WB6-16
THIR325			
THIR332			