



Small Product Turning Special Tool Holders

SEC-Round Shank Holders

SEC-Zero Off-set Holders

SEC-MINI Tool Holders PD Type

SEC-MINI Tool Holders SD Type (7° Positive)

SEC-MINI Tool Holders SD Type (11° Positive)

SEC-MINI Tool Holders PC Type

SEC-MINI Tool Holders SC Type

SEC-MINI Tool Holders SS Type

SEC-MINI Tool Holders ST Type

SEC-MINI Tool Holders SV Type

Small Product Machining Tool Selection ..... C36

General Features of Small Product Machining Tool ..... C38

Grade Selection ..... C40

Chip Breaker Selection ..... C41

SEC-PB Tool Holders SPB Type ..... C42

SEC- Wide Cut Holders SGW Type ..... C44

SEC- MINI Tool Holders SBT Type ..... C45

**New** SEC- MINI Tool Holders SFT Type ..... C46

**New** RS-SCLL Type ..... C47

**New** RS-SDUL Type/RS-SDXL Type ..... C48

**New** RS-SVXL Type/RS-SVVPN Type ..... C49

**New** RS-PTXN Type ..... C49

SDJC-X Type/SDAC-X Type/SDPC-X Type ..... C50

SCLC-X Type/SCAC-X Type/SVJC-X Type ..... C51

**New** PTXN-X Type ..... C51

PDJC Type ..... C52

SDJC Type/SDAC Type/SDNC Type ..... C52

SDJP Type/SDAP Type ..... C55

PCLC Type ..... C56

SCLC Type/SCAC Type ..... C56

SSBC Type ..... C59

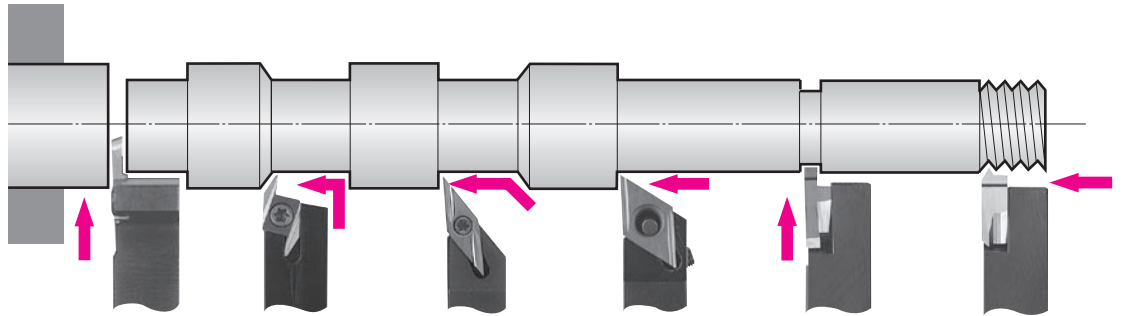
STGC Type/STAC Type ..... C60

SVLC Type/SVPC Type ..... C62

SVLP Type/SVPP Type ..... C64

# Small Product Machining Tool Selection

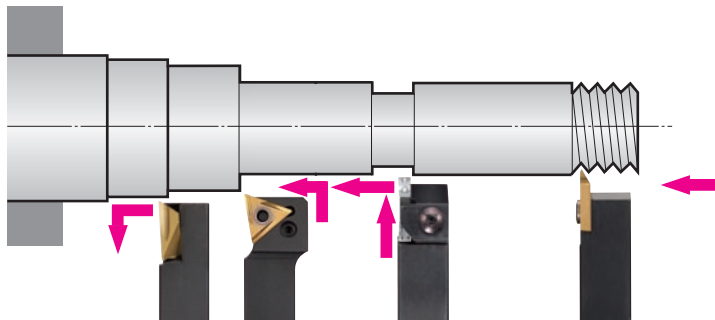
## Turning ①



Featured page

	→E36/E39	→C45	→C62	→C52	→E11/E4	→E45/E47
Usage/Type	<b>Cut-Off</b> SCT Type GME-CU Type	<b>Backing turning</b> SBT Type	<b>Copying</b> SV Type	<b>General turning</b> P Type/S Type	<b>Grooving</b> GME Type GWC Type	<b>Threading</b> GME Type THE Type
Cutting Edge Style	<p>Max. dia. <math>\phi 5 \sim 16\text{mm}</math>    Max. dia. <math>\phi 20 \sim 38\text{mm}</math></p>					

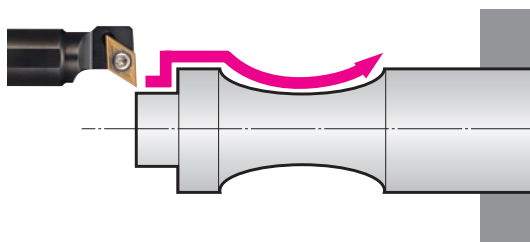
## Turning ②



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	→C46	→C51	→E16	→E44
Usage/Type	<b>Turning</b> SFT Type	<b>Turning</b> PTXN-N Type	<b>Grooving Cross cutting</b> SGE Type	<b>Threading</b> STH Type
Cutting Edge Style				

## Turning ③

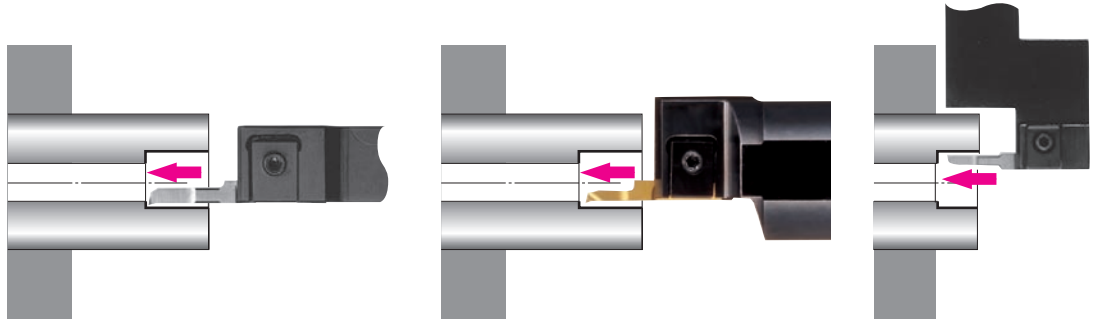


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Usage/Type	→C47 <b>Round Shank Holder</b> RS Type
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External turning made possible with holder sleeves.

## Boring ①

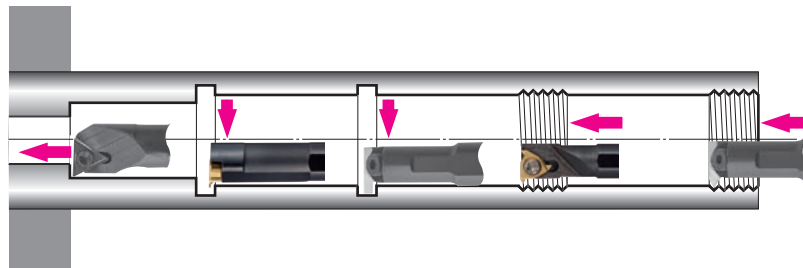


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Machining of very small diameter 1mm or above

	→D10	→D10	→D13
Usage/Type	<b>Very small dia. boring</b> CKB Type	<b>Very small dia. boring</b> Round shank type S-CKB Type S-CKB-S Type	<b>Gang-type tool post</b> <b>Very small dia. boring</b> CKBS Type
Cutting Edge Style	General 10° 20° KBMX Type	Backing turning 5° KBMZ Type	Grooving 1.0, 2.0mm KBMG Type
			Face grooving 1.5, 2.0, 3.0mm KBMFR Type

## Boring ②

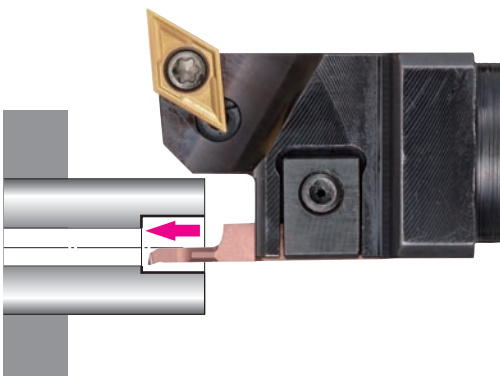


Machining of small diameter 5mm or above

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	→D14~/D22	→E18	→E17	→E49	→E48
Usage/Type	<b>Boring</b> BB/WB Type /C-SCLC	<b>Internal grooving</b> SGIT Type	<b>Internal grooving</b> GMI Type	<b>Internal threading</b> STHI Type	<b>Internal threading</b> GMI Type
Cutting Edge Style	$\phi 0.5 \sim \phi 8.0$	$\phi 10 \sim$ Max. depth 0.8 ~ 2.8mm 0.5 ~ 2.0mm	Hole dia. $\phi 14 \sim$ 1.25 ~ 2.40mm 0.75 ~ 2.5mm	Pitch 0.4 ~ 1.0mm $\phi 8 \sim$	Pitch 0.5 ~ 2.5mm Hole dia. $\phi 14 \sim$ 1.40 ~

## Multi-functional Tool



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→D8

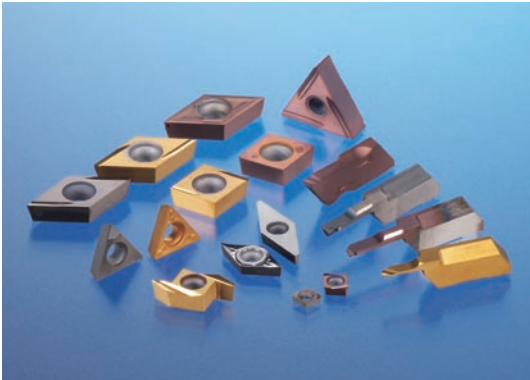
Usage/Type	<b>Twin head holder</b> ID + OD CKBE Type ID + OD CKBB Type
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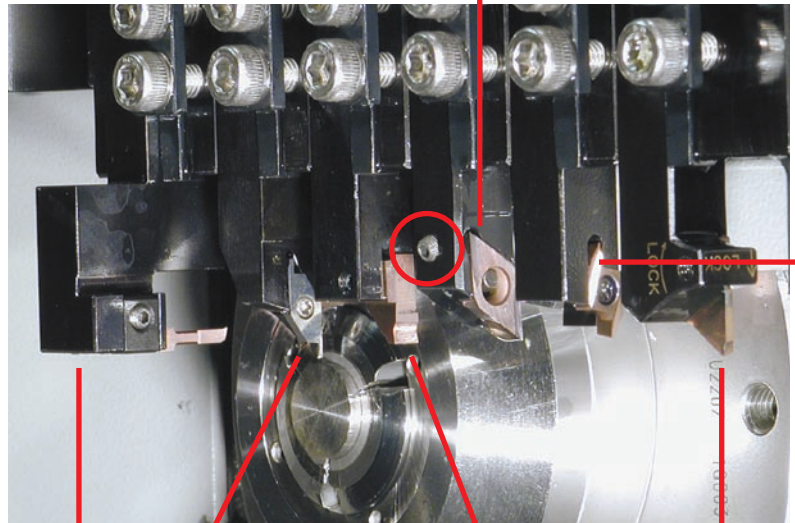
#### ■ General Features

In 1984, Sumitomo Electric first released the SEC-MINI Tool Holder series for the machining of small components in small NC autolathes. Through these years of experience, new tool designs which include the side lever lock tool holder were developed to meet the various machining requirements such as Back Turning, Copying and Cut-off etc. Continually striving to enhance the series.

#### ■ Full lineup of grades from Carbide to PCD



C40~



#### ■ Special tools for autolathe machines to meet various types of machining

● Very Small Dia. Boring Tool Holder CKB Type  
Min. dia.  $\phi 1 - \phi 5$  mm



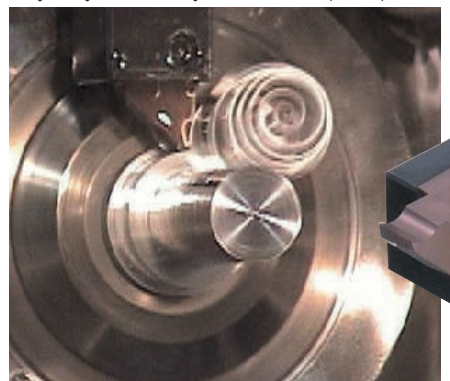
D10~

● Very Small Product Turning Tool SPB Type  
Best suited for products with a diameter of less than  $\phi 10$



C42~

● Plunge Cut Turning Tool SGW Type  
Plunge cutting reduces machining time and eliminates chip control problems

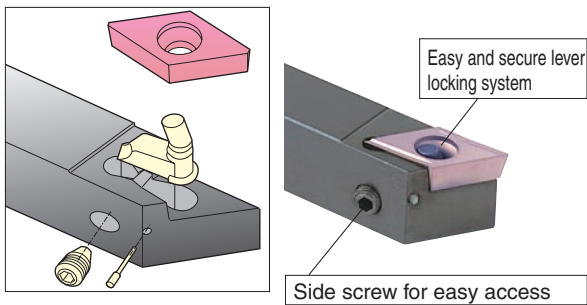


C44~



### ■ A wide selection of easy-to-use holders

- Side Lever Locking (Back Clamp) Tool Holders PD/PC Type



C52.C56

- Zero Off-set Holders

Tool compensation not required for small gang-type lathes



C50~

- Back-Turning Tool Holder SBT Type

Sharp cutting edges with good surface finish  
Max. depth-of-cut 3.5 mm, edge width 2.5 mm



C45

- Twin Head Holders

Multi-functional tools for autolathes  
One holder with 2 operations



D8~

- Cut-off Tool Holder SCT Type/SCT-SB Type

Easy insert change by just loosening the screw from the back  
Max. cut-off dia.  $\phi 5$ ,  $\phi 12$ ,  $\phi 16$ ,  $\phi 20$



E36.E38

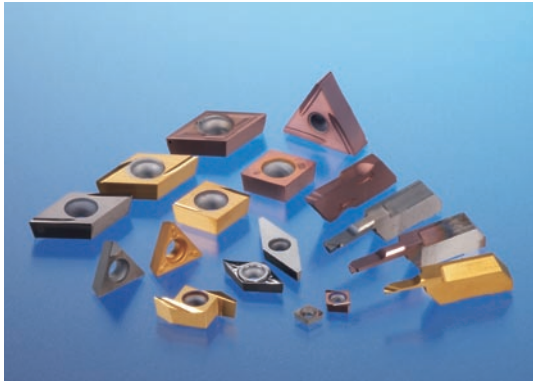
- Round Shank Holder RS Type

External turning made possible with holder sleeves



C47~

# Small Product Machining Tool Grade Selection



In 1984, when Sumitomo Electric first released the SEC-MINI Tool Holder series for the machining of small components in small NC autolathes, a full range of insert grades comprising of the Cermet T1200A, Carbide BL130, SUMIBORON BN700, SUMIDIA DA2200 and especially ACE-COAT ACZ310, were also introduced to meet a variety of machining requirements.

A new high-precision grade ACE-COAT ACZ150 has been added in support of the wide range of precision application requirements, from automotive to electronic components machining.

## ● Grade Selection

Category		Process			Work Material				
		High Precision	Finish-Light Cut	Medium Cut	General Steel	Stainless Steel	Heat Resistant Steel	Hardened Steel	Non-ferrous Metal
Coated Carbide	PVD	<b>ACZ150</b> (New)			◎	◎			
		<b>ACZ310</b>			◎	◎	○	○	○
	<b>EH10Z, EH510Z</b>				◎	◎	○	○	
	CVD	<b>AC2000</b>			◎	○			
<b>AC3000</b>			◎	○					
Cermet/Coated Cermet		<b>T1200A, T2000Z</b>			◎	○			○
Carbide		<b>EH10, EH510</b>				◎	○		○
		<b>H1</b>							◎
		<b>BL130</b>			◎	◎			◎
CBN(SUMIBORON)		<b>BN250, BN700</b>					○	◎	
SUMIDIA		<b>DA2200</b>							◎

◎ 1<sup>st</sup> Recommendation ○ 2<sup>nd</sup> Recommendation

## ■ Recommended Conditions

Grade \ Work	Free Cutting Steel		Carbon Steel		Stainless Steel		Hardened Steel		Aluminum, Brass	
	V(m/min)	f(mm/rev)	V(m/min)	f(mm/rev)	V(m/min)	f(mm/rev)	V(m/min)	f(mm/rev)	V(m/min)	f(mm/rev)
ACZ310	50-150	0.02 ~ 0.15	50-150	0.02 ~ 0.1	*50-150	*0.02 ~ 0.1			70-300	0.05 ~ 0.2
ACZ150	50-150	0.01 ~ 0.1	50-150	0.01 ~ 0.08	*50-150	*0.01 ~ 0.05			70-300	0.05 ~ 0.2
T1200A	50-150	0.02 ~ 0.15	50-150	0.02 ~ 0.1	50-150	0.02 ~ 0.1			70-300	0.05 ~ 0.2
AC2000	150-250	0.1 ~ 0.3	150-200	0.1 ~ 0.3	150-200	0.1 ~ 0.3				
BN250							※ 50-120	0.02 ~ 0.1		
DA2200							※ Pls use max. possible C/speed		70-300	0.02 ~ 0.1

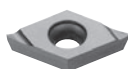
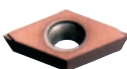
\* ACZ310 is recommended for work diameter of  $\phi 20$  or more and ACZ150 for work diameter of less than  $\phi 20$ .

1<sup>st</sup> Recommendation 2<sup>nd</sup> Recommendation







# Small Product Machining Tool Chipbreaker Selection

## ■ Insert Series

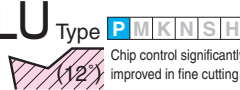
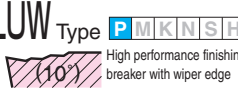
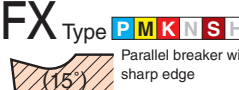
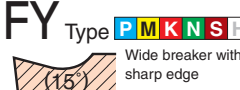
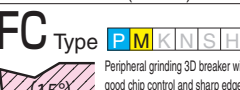
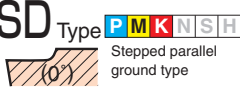
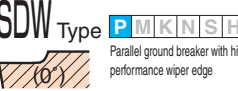
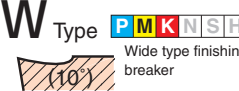

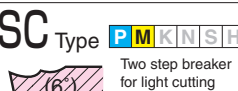
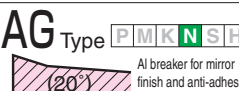
### ● Insert Specifications

	M Class	G Class	E Class
Insert Class			
Height Tolerance	±0.13mm	±0.13mm	±0.025mm
Characteristics	Side surfaces are sintered finish	Side surfaces are ground	Side surfaces are ground. Thickness tolerances are smaller than G-class inserts
Usage	Roughing of small products	Finishing to light cut	High precision to finishing
Cat. No.	CCMT09T304N-LU DCMT070208N-SU	CCGT09T304R-FX DCGT070208N-SC	CCET09T302R-FX DCET0702018L-FY

### ● Chipbreaker Selection

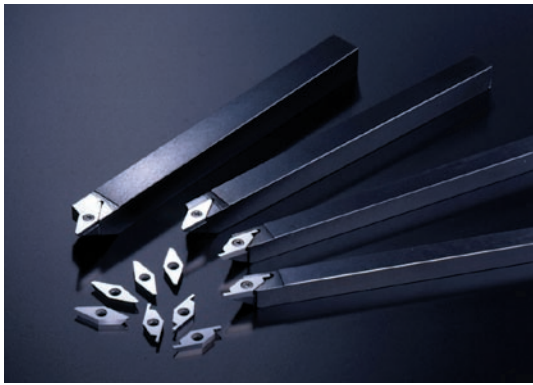
	Finishing ~Light Cut	Characteristics
Parallel Type	FX Type  FZ Type 	Best suited for general purpose ext. finishing with larger depths. FZ-type is recommended if chips get choke on FX-type breaker.
Wide Type	FY Type 	Performs necking process without burring, and facing process without chattering
Molded Type	FC Type  SC Type 	3D breaker with both good chip control and cutting edge. FC type is recommended for finishing and SC type has a strong cutting edge for finish to medium cutting.
	AG Type 	AG type is specially used for Al. alloys with sharp edge and low adhesion.

## ■ Chipbreakers for Finishing to Light Cut

Finishing	<b>LU Type</b>  <b>P M K N S H</b> Chip control significantly improved in fine cutting Relief angle: 5°Pos., 7°Pos., 11°Pos. Depth-of-cut (mm) vs. Feed (mm/rev) graph.	<b>LW Type</b>  <b>P M K N S H</b> High performance finishing breaker with wiper edge Relief angle: 7°Pos., 11°Pos. Depth-of-cut (mm) vs. Feed (mm/rev) graph.	<b>FX Type</b>  <b>P M K N S H</b> Parallel breaker with sharp edge Relief angle: 5°Pos., 11°Pos. Depth-of-cut (mm) vs. Feed (mm/rev) graph.	<b>FY Type</b>  <b>P M K N S H</b> Wide breaker with sharp edge Relief angle: 5°Pos., 11°Pos. Depth-of-cut (mm) vs. Feed (mm/rev) graph.	
	<b>FC Type</b>  <b>P M K N S H</b> Peripheral grinding 3D breaker with good chip control and sharp edge Relief angle: 7°Pos. Depth-of-cut (mm) vs. Feed (mm/rev) graph.				
	<b>SD Type</b>  <b>P M K N S H</b> Stepped parallel ground type Relief angle: 11°Pos. Depth-of-cut (mm) vs. Feed (mm/rev) graph.	<b>SDW Type</b>  <b>P M K N S H</b> Parallel ground breaker with high performance wiper edge Relief angle: 11°Pos. Depth-of-cut (mm) vs. Feed (mm/rev) graph.	<b>W Type</b>  <b>P M K N S H</b> Wide type finishing breaker Relief angle: 5°Pos., 11°Pos. Depth-of-cut (mm) vs. Feed (mm/rev) graph.		
Light Cut	<b>SU Type</b>  <b>P M K N S H</b> General-purpose breaker with sharp edge Relief angle: 7°Pos., 11°Pos. Depth-of-cut (mm) vs. Feed (mm/rev) graph.	<b>SC Type</b>  <b>P M K N S H</b> Two step breaker for light cutting Relief angle: 7°Pos. Depth-of-cut (mm) vs. Feed (mm/rev) graph.	<b>AG Type</b>  <b>P M K N S H</b> Al breaker for mirror finish and anti-adhesion Relief angle: 7°Pos. Depth-of-cut (mm) vs. Feed (mm/rev) graph.		

# SEC-PB Tool Holders SPB Type

## Very Small Diameter Machining Tool Holders



### Characteristics

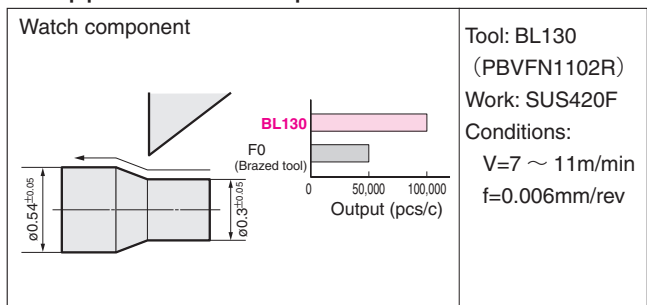


- High rigidity type expansion for gang-type autolathes
- Inserts for various purposes can be use on a single holder
- Can also be use on turret-type tool posts
- Utilizing BL 130, which has both a very sharp edge, as well as high wear resistance
- Ultra-fine grained carbide grade F1, which was previously meant for brazed bite, is now available as an insert grade
- Customers can modify the blank inserts according to their own requirements

### Grades

Work Material	General Steel	Stainless Steel		Brass, Non-Ferrous metals
		Austenitic	Pearlitic Martensitic	
Grade				
<b>BL130</b>	○	○	◎	○
<b>F1</b>	○	◎	○	○

### Application Examples



## Very Small Product Turning

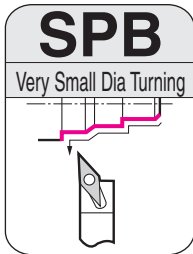


Fig. 1

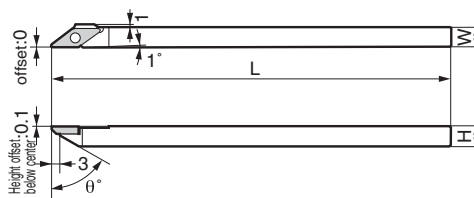


Fig. 2

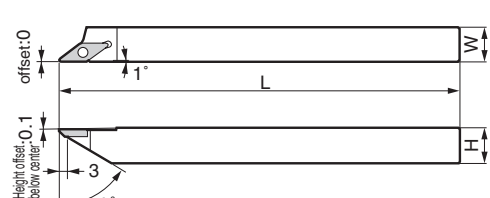
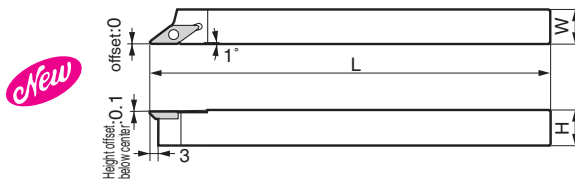
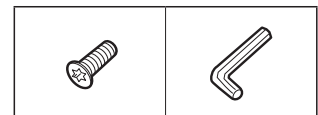


Fig. 3



### Parts



### Holder

Above figures show right hand tools.

Tool Post	Sumitomo Cat. No.	Stock		Dimensions (mm)				Fig	Screw	Wrench
		R	L	H	W	L	θ			
Turret-type	<b>SPB R/L0707-70</b>		●	7	7	140	70°	1	BFTX02505N	LT08-06
	<b>SPB R/L0808-60</b>	●		8	8	140	60°	2	BFTX02506N	
	<b>SPB R/L0808-70</b>		●	8	8	140	70°	2	BFTX02505N	
	<b>SPB R/L0909-70</b>		●	9.5	9.5	140	70°	2	BFTX02505N	
	<b>SPB R/L1010-60</b>	●		10	10	140	60°	2	BFTX02506N	
	<b>SPB R/L1212-60</b>	●		12	12	140	60°	2	BFTX02506N	
Gang-type	<b>SPB R0808</b>	●	—	8	8	140	—	3	BFTX02506N	
	<b>SPB R1010</b>	●	—	10	10	140	—	3	BFTX02506N	
	<b>SPB R1212</b>	●	—	12	12	140	—	3	BFTX02506N	





■ Insert  
● Blank Insert

Sumitomo Cat. No.	Dimensions (mm)		Application	Fig	BL 130	F1
	E					
<b>PBVX1102R-NB</b> <b>PBVX1102L-NB</b>	17.2		General	1	●	●
<b>PBVX1102R-SB</b> <b>PBVX1102L-SB</b>	(20.14)		Sharp edge	2	●	●
<b>PBVX1102R-BB</b> <b>PBVX1102L-BB</b>	17.2		Special	3	●	●

● Turning Insert

Sumitomo Cat. No.	Dimensions (mm)		Wiper Edge	Fig	BL 130	F1
	Cutting Edge					
<b>PBVF1102R</b> <b>PBVF1102L</b>	1.0		Yes	1	●	
<b>PBVF1102R</b> <b>PBVF1102L</b>	1.0		No	2	●	

● Back-Turning Insert

Sumitomo Cat. No.	Dimensions (mm)		Wiper Edge	Fig	BL 130	F1
	Cutting Edge					
<b>PBVB1102R</b> <b>PBVB1102L</b>	1.0		Yes(2°)	1	●	
<b>PBVB1102R</b> <b>PBVB1102L</b>	1.0		No(5°)	2	●	

■ Recommended Conditions

Work	Carbon Steel	Free Cutting Steel	Stainless Steel	Non-Ferrous Metal
V (m/min)	5 ~ 80	5 ~ 80	5 ~ 50	5 ~ 100
f (mm/rev)	0.003 ~ 0.05			
Coolant	Oil-base			

● Grooving Insert

Sumitomo Cat. No.	Dimensions (mm)		BL 130	F1
	Groove Depth	t		
<b>PBVG1102R-030</b> <b>PBVG1102L-030</b>	0.5	0.3	●	
<b>PBVG1102R-050</b> <b>PBVG1102L-050</b>	1.0	0.5	●	
<b>PBVG1102R-100</b> <b>PBVG1102L-100</b>	2.0	1.0	●	

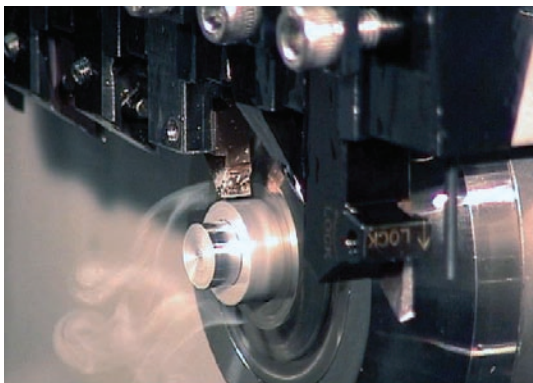
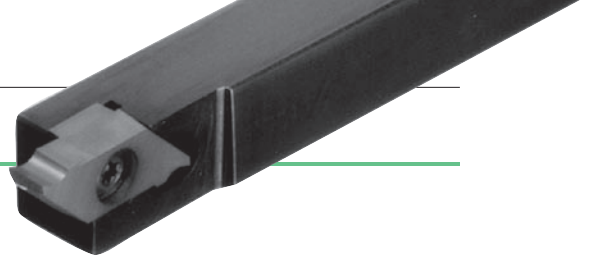
● Cut-Off Insert

Sumitomo Cat. No.	Dimensions (mm)		Fig	BL 130	F1
	Max. Cut-Off Dia.	t			
<b>PBVC1102R-50</b> <b>PBVC1102L-50</b>	ø5.0	1.0	1	●	
			2	●	

● Threading Insert

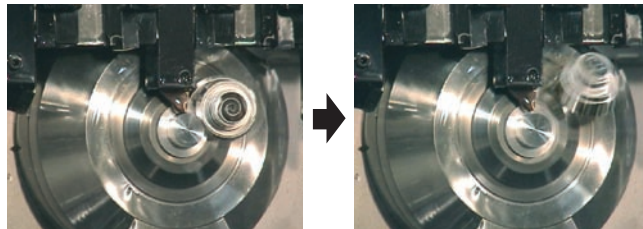
Sumitomo Cat. No.	Dimensions (mm)		Fig	BL 130	F1
	Pitch				
<b>PBVT1102R</b> <b>PBVT1102L</b>	0.2 ~ 0.5		1	●	
<b>PBVT1102R</b> <b>PBVT1102L</b>	0.2 ~ 0.5		2	●	

# SEC-Wide-Cut Holders SGW Type



## Characteristics

- For high efficiency machining of Brass and Aluminum work that have small diameters with long shank
- Coin-shaped chip produced does not tangle on to holder



## Recommended Conditions

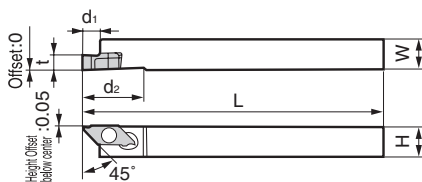
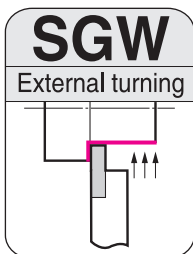
- Applicable Work Material: Aluminum, Brass, Carbon Steel, Stainless Steel etc.
- Spindle Speeds: 4,000 ~ 6,000min<sup>-1</sup>  
(please maintain spindle speeds set)
- Feedrates: 0.05 ~ 0.15mm/rev

※ Please ensure that the machine has enough spindle power to prevent machine stoppages during machining; especially when machining Carbon Steel and Stainless Steel workpieces.

## Application Examples

	Machining Time 2.8secs! (Half of conv.)	Holder: SGWR1212
		Insert: KGVR500 Work: A5056 Conditions: N=4000min <sup>-1</sup> f=0.1mm/rev

## External Plunge-cut



## Holder

Above figures show right hand tools.

Sumitomo Cat. No.	Stock	Dimensions (mm)					Screw	Wrench
		H	W	L	d <sub>1</sub>	d <sub>2</sub>		
<b>SGWR1212</b>	●	12	12	120	6.5	24	BFTX0410T8R	TRX08
<b>SGWR1616</b>	●	16	16	120	6.5	24		

## Parts

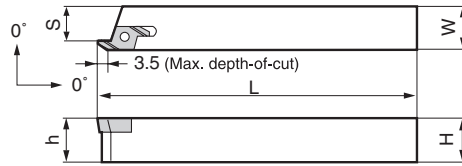
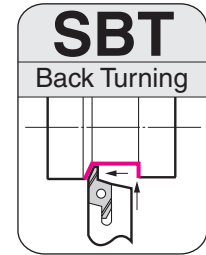


## Insert

Sumitomo Cat. No.	Dimensions (mm)	
	t	ACZ
<b>KGVR400</b>	4.0	●
<b>KGVR500</b>	5.0	●
<b>KGVR600</b>	6.0	●

# SEC-MINI Tool Holders SBT Type

## Back Turning



### Holder

Above figures show right hand tools.

Sumitomo Cat. No.	Stock						Dimensions (mm)			Applicable Insert	Screw	Wrench
	R	H	W	L	S	h						
<b>SBT35 R1010</b>	●	10	10	120	7.5	10			BTR35 □□	BFTX0307N	TRX10	
<b>SBT35 R1212</b>	●	12	12	120	9.5	12						
<b>SBT35 R1616</b>	●	16	16	120	13.5	16						
<b>SBT35 R2020</b>	●	20	20	125	17.5	20						

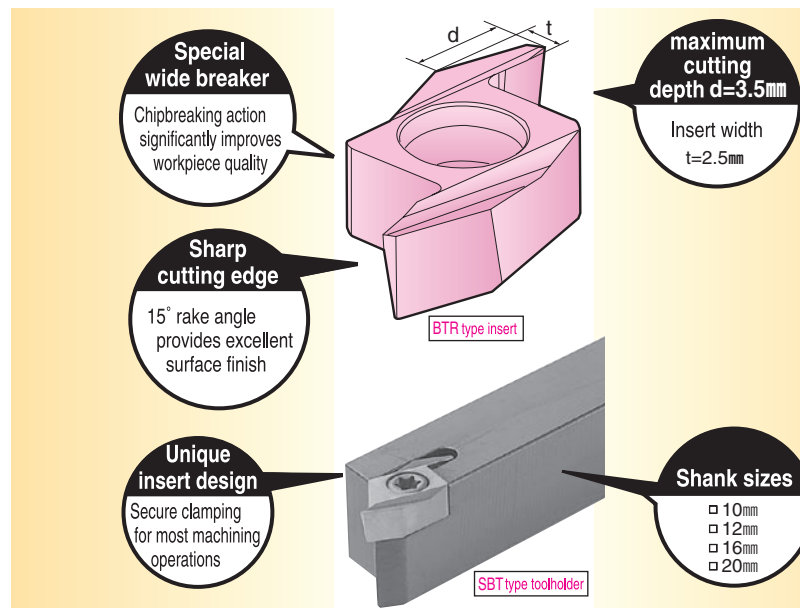
### Parts



### Insert ( Coated/ Cermet )

Sumitomo Cat. No.	Stock			Dimensions (mm)		
	ACZ150	ACZ310	T1200A	Inscribed circle	Thickness	Nose radius
<b>BTR3505</b>	●	●	●	6.8	3.8	0.05
<b>BTR3515</b>	●	●	●	6.8	3.8	0.15

### Features



### Comparison of finished surface

ACZ310	Competitor's
Work material: S45C Tool: BTR3505 (ACZ310) Cutting conditions: V = 80m/min f = 0.04 mm/rev d = 3.0 mm Wet	

### Recommended Conditions (ACZ150, ACZ310, T1200A)

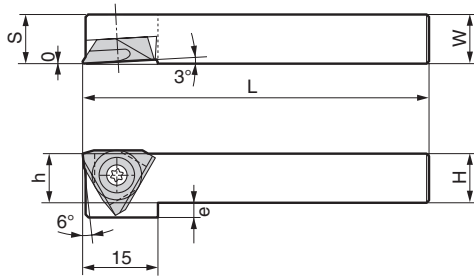
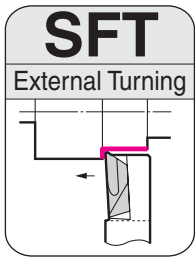
Work material	Tooling	V(m/min)	f(mm/rev)	Coolant
Carbon steel	Plunging	50~150	0.02~0.05	Oil based
	Traverse		0.02~0.10	
Free cutting steel	Plunging	50~150	0.02~0.10	
	Traverse		0.02~0.15	
Stainless steel	Plunging	50~100	0.02~0.04	
	Traverse		0.02~0.06	

# SEC-MINI Tool Holders SFT Type





*New*

## External Turning



### Parts

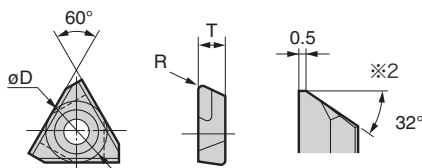
	
Screw	Wrench
TFR33○○	BFTX0410NSW RT08

### Holder

Sumitomo Cat. No.	Stock	Dimensions (mm)						Applicable Insert
		H	W	L	S	h	e	
SFTR1010	●	10	10	120	10	10	3	TFR33○○
SFTR1212	●	12	12	120	12	12	1	
SFTR1616	●	16	16	120	16	16	-	
SFTR2020	●	20	20	120	20	20	-	

### Insert (Coated)

Sumitomo Cat. No.	Stock	Dimensions (mm)			Holder
		øD	T	R	
TFR3300	●	9.525	4.76	0	SFTR○○
TFR3305	●	9.525	4.76	0.05	
TFR3315	●	9.525	4.76	0.15	
TFR3320	●	9.525	4.76	0.2	



※1 Max. depth-of-cut is 4.0 mm.  
 ※2 Indicates angle when setting the holder.



# SEC-Round Shank Tool Holders RS-SCLL Type

*New*

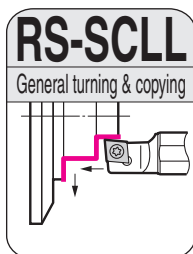


## ■ Characteristics

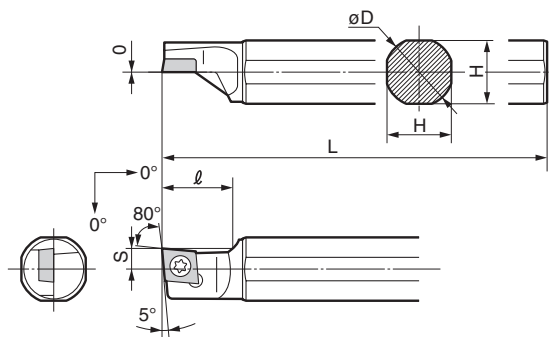
- Shank diameters from  $\phi 14 \sim \phi 25$  are stocked. Holders can be fitted on machines of different makes.
- Bars can be mounted from the rear of the sleeve to increase the tooling range.

Small Product  
Machining Tool

## General Turning



*New*




## ■ Parts

		
	Screw	Wrench
CC□□0602	BFTX02507NT	RT08
CC□□09T3	BFTX0408NT	LT25NT

## ■ Holder

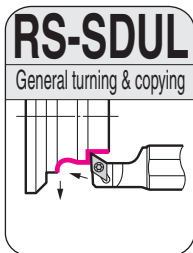
Sumitomo Cat. No.	Stock	Dimensions (mm)						Applicable Insert	Screw	Wrench
		$\phi D$	H	L	S	$\ell$				
RS15H-SCLL06	●	15.875	15	100	6.0	20	CC□□0602	BFTX02507NT	RT08	
RS19X-SCLL06	●	19.05	18	120	6.0	20				
RS20X-SCLL06X	●	20	19	95	6.0	20				
RS20X-SCLL06	●	20	19	120	6.0	20				
RS22X-SCLL06	●	22	21	120	6.0	20				
RS25X-SCLL06	●	25	24	120	6.0	20				
RS25M-SCLL06	●	25.4	24	150	6.0	20	CC□□09T3	BFTX0408NT	LT25NT	
RS15H-SCLL09	●	15.875	15	100	6.0	20				
RS19X-SCLL09	●	19.05	18	120	6.0	20				
RS20X-SCLL09S	●	20	19	95	6.0	20				
RS20X-SCLL09	●	20	19	120	6.0	20				
RS22X-SCLL09	●	22	21	120	6.0	20				
RS25X-SCLL09	●	25	24	120	6.0	20				
RS25M-SCLL09	●	25.4	24	150	6.0	20				

※Right handed or neutral handed inserts are applicable. [Insert selection](#)  C57~

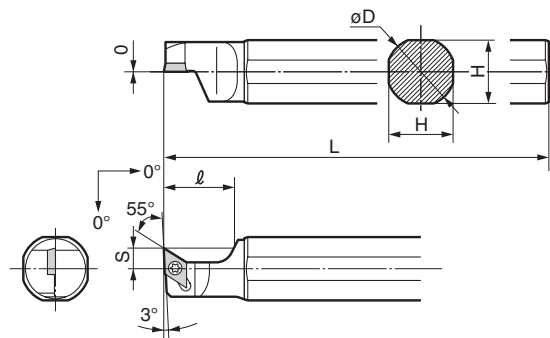
# SEC-Round Shank Tool Holders RS-SDUL / RS-SDXL Type



## General Turning



*New*



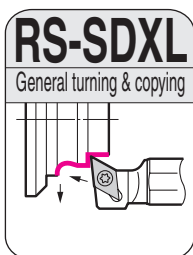
### Holder

Sumitomo Cat. No.	Stock	Dimensions (mm)						Applicable Insert	Screw	Wrench
		øD	H	L	S	l				
RS14F-SDUL07	●	14	13	80	6.0	20	DC□□0702	BFTX02507NT	RT08	
RS15H-SDUL07	●	15.875	15	100	6.0	20				
RS16F-SDUL07	●	16	15	80	6.0	20				
RS16X-SDUL07	●	16	15	120	6.0	20				
RS19X-SDUL07	●	19.05	18	120	6.0	20				
RS20X-SDUL07S	●	20	19	95	6.0	20				
RS20X-SDUL07	●	20	19	120	6.0	20				
RS22X-SDUL07	●	22	21	120	6.0	20	DC□□11T3	BFTX0410NT	LT25NT	
RS19X-SDUL11	●	19.05	18	120	10.0	20				
RS20X-SDUL11S	●	20	19	95	10.0	20				
RS20X-SDUL11	●	20	19	120	10.0	20				
RS22X-SDUL11	●	22	21	120	10.0	20				
RS25X-SDUL11	●	25	24	120	10.0	20				
RS20M-SDUL11	●	25.4	24	150	10.0	20				

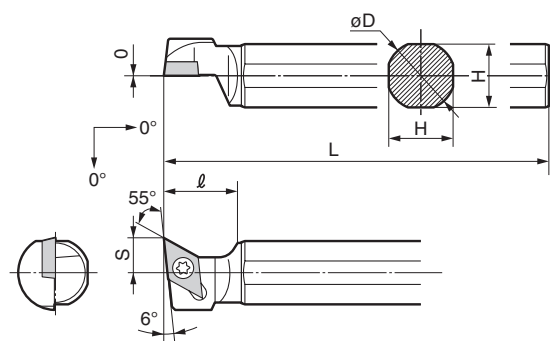
### Parts

Screw	Wrench

※Right handed or neutral handed inserts are applicable. [Insert selection](#) C53~



*New*



### Holder

Sumitomo Cat. No.	Stock	Dimensions (mm)						Applicable Insert	Screw	Wrench
		øD	H	L	S	l				
RS19X-SDXL11	●	19.05	18	120	10.0	20	DC□□11T3	BFTX0410NT	LT25NT	
RS20X-SDXL11S	●	20	19	95	10.0	20				
RS20X-SDXL11	●	20	19	120	10.0	20				
RS25X-SDXL11	●	25	24	120	10.0	20				

### Parts

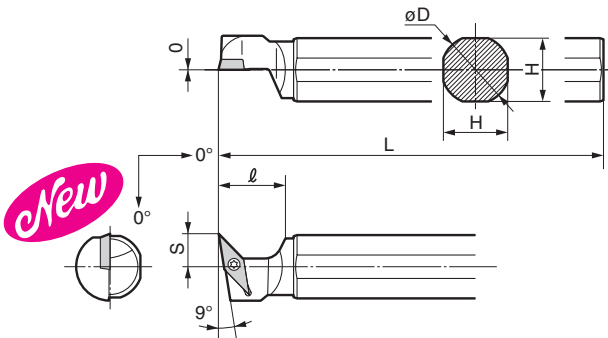
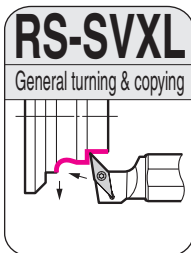
Screw	Wrench

※Right handed or neutral handed inserts are applicable. [Insert selection](#) C53~



# SEC-Round Shank Tool Holders RS-SVXL / RS-SVVPN / RS-PTXN Type

## General Turning



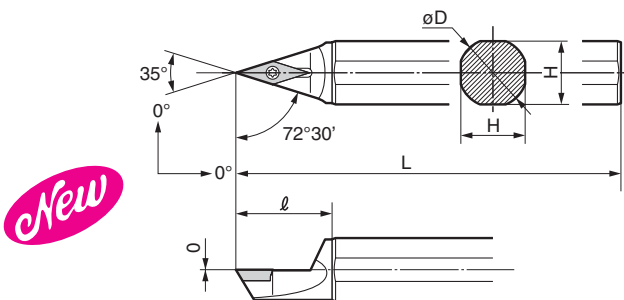
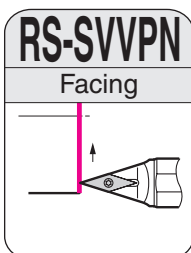
### Parts

Screw	Wrench
VC□□1103	BFTX02507NT RT08

### Holder

Sumitomo Cat. No.	Stock	Dimensions (mm)						Applicable Insert
		$\phi D$	H	L	S	$\ell$		
RS15H-SVXL11	●	15.875	15	100	10.0	20	VC□□1103	
RS19X-SVXL11	●	19.05	18	120	10.0	20		
RS20X-SVXL11S	●	20	19	95	10.0	20		
RS20X-SVXL11	●	20	19	120	10.0	20		
RS22X-SVXL11	●	22	21	120	10.0	20		
RS25X-SVXL11	●	25.4	24	150	10.0	20		

\*Right handed or neutral handed inserts are applicable. [Insert selection](#) C63



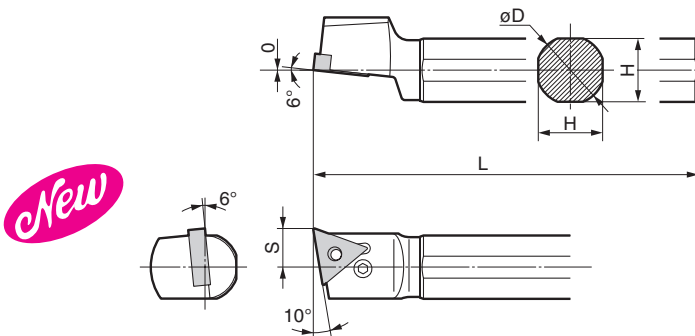
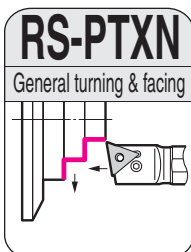
### Parts

Screw	Wrench
VP□□1103	BFTX02507NT RT08

### Holder

Sumitomo Cat. No.	Stock	Dimensions (mm)						Applicable Insert
		$\phi D$	H	L	S	$\ell$		
RS19X-SVVPN11	●	19.05	18	120	9.0	27	VP□□1103	
RS22X-SVVPN11	●	22	21	120	10.5	27		

[Insert selection](#) C64



### Parts

Lever Pin	Clamp Bolt	Wrench
TN□□1604	LCL33NT LCS33NT	LH020NT

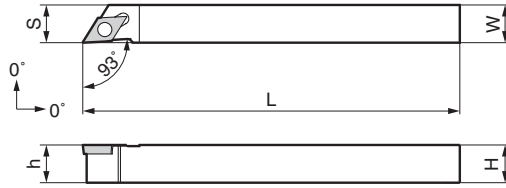
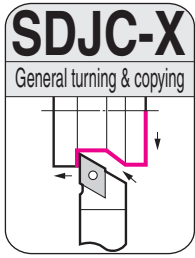
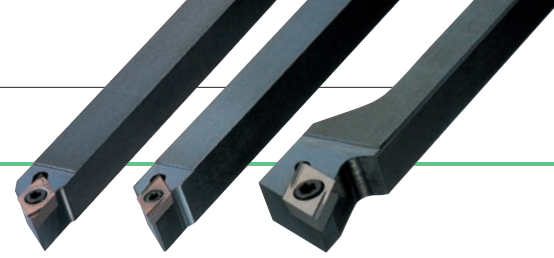
### Holder

Sumitomo Cat. No.	Stock	Dimensions (mm)						Applicable Insert
		$\phi D$	H	L	S			
RS19X-PTXNL16	●	19.05	18	120	11.0	TN□□1604		
RS20X-PTXNL16	●	20	19	120	11.0			
RS25M-PTXNL16	●	25.4	24	150	13.0			

\*Right handed or neutral handed inserts are applicable. [Insert selection](#) B51~

Small Product  
Machining Tool

# SEC-MINI Tool Holders Zero Off-set Holders





## Holder

Above figures show right hand tools.

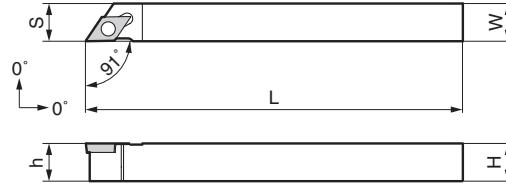
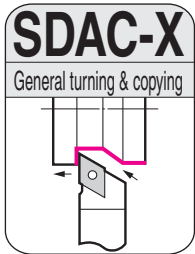
Sumitomo Cat. No.	Stock		Dimensions (mm)						Applicable Insert
	R	L	H	W	L	S	h		
<b>SDJC R/L1010-H07X</b>	●	●	10	10	100	10	10	DC □ T0702	
<b>SDJC R/L1215-K11X</b>	●	●	12	15	125	15	12	DC □ T11T3	
<b>SDJC R/L1215-F11X</b>	●	●	12	15	85	15	12	DC □ T11T3	

85mm Shank

## Parts

Screw	Wrench
	
BFTX02506N	TRX08
BFTX0409N	TRX15

Insert selection  C53~





## Holder

Above figures show right hand tools.

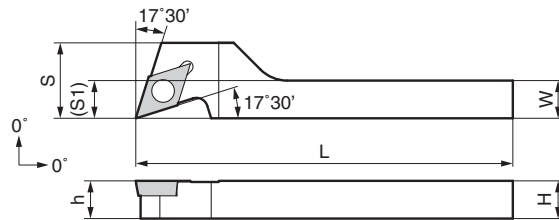
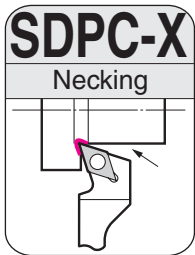
Sumitomo Cat. No.	Stock		Dimensions (mm)						Applicable Insert
	R	L	H	W	L	S	h		
<b>SDAC R/L1010-H07X</b>	●	●	10	10	100	10	10	DC □ T0702	
<b>SDAC R/L1215-K11X</b>	●	●	12	15	125	15	12	DC □ T11T3	
<b>SDAC R/L1215-F11X</b>	●	●	12	15	85	15	12	DC □ T11T3	

85mm Shank

## Parts

Screw	Wrench
	
BFTX02506N	TRX08
BFTX0409N	TRX15

Insert selection  C53~





## Holder

Above figures show right hand tools.

Sumitomo Cat. No.	Stock		Dimensions (mm)						Applicable Insert
	R	L	H	W	L	S	S1	h	
<b>SDPC R/L1010-H11X</b>	●	●	10	10	100	20	10	10	DC □ T11T3

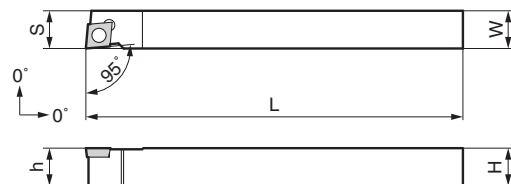
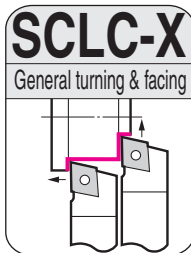
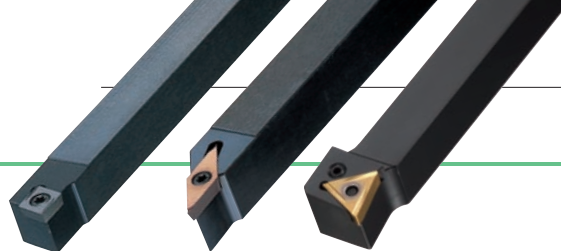
## Parts

Screw	Wrench
	
BFTX0409N	TRX15

Insert selection  C53~



# SEC-MINI Tool Holders Zero Off-set Holders



## Holder

Above figures show right hand tools.

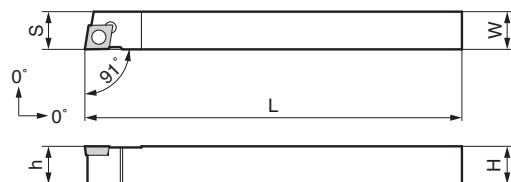
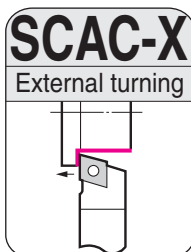
Sumitomo Cat. No.	Stock		Dimensions (mm)					Applicable Insert
	R	L	H	W	L	S	h	
<b>SCLC R/L1010-H06X</b>	●	●	10	10	100	10	10	CC □ T0602
<b>SCLC R/L1215-K09X</b>	●	●	12	15	125	15	12	CC □ T09T3
<b>SCLC R/L1215-F09X</b>	●	●	12	15	85	15	12	CC □ T09T3

85mm Shank

## Parts

Screw	Wrench
BFTX02506N	TRX08
BFTX0409N	TRX15

Insert selection C57~



## Holder

Above figures show right hand tools.

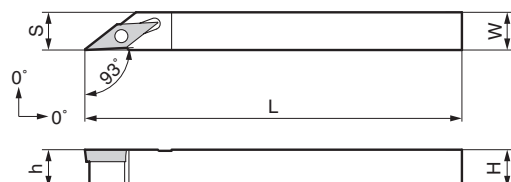
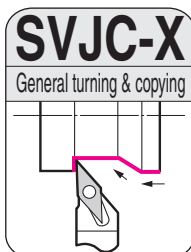
Sumitomo Cat. No.	Stock		Dimensions (mm)					Applicable Insert
	R	L	H	W	L	S	h	
<b>SCAC R/L1010-H06X</b>	●	●	10	10	100	10	10	CC □ T0602
<b>SCAC R/L1215-K09X</b>	●	●	12	15	125	15	12	CC □ T09T3
<b>SCAC R/L1215-F09X</b>	●	●	12	15	85	15	12	CC □ T09T3

85mm Shank

## Parts

Screw	Wrench
BFTX02506N	TRX08
BFTX0409N	TRX15

Insert selection C57~



## Holder

Above figures show right hand tools.

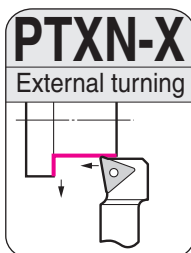
Sumitomo Cat. No.	Stock		Dimensions (mm)					Applicable Insert
	R	L	H	W	L	S	h	
<b>SVJC R/L1010-H11X</b>	●	●	10	10	100	10	10	VC □ T1103
<b>SVJC R/L1212-K11X</b>	●	●	12	12	125	12	12	VC □ T1103
<b>SVJC R/L1212-F11X</b>	●	●	12	12	85	12	12	VC □ T1103

85mm Shank

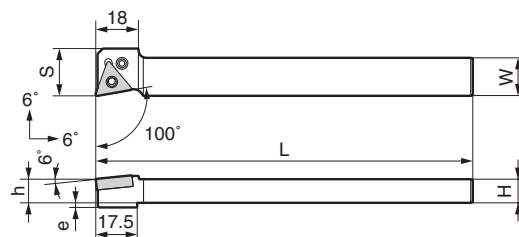
## Parts

Screw	Wrench
BFTX02506N	TRX08

Insert selection C63



**New**



## Holder

Sumitomo Cat. No.	Stock	Dimensions (mm)						Applicable Insert
		H	W	L	S	h	e	
<b>PTXN R1016-X16X</b>	●	10	16	120	20	10	2	TN □ □ 1604
<b>PTXN R1216-X16X</b>	●	12	16	120	20	12	0	TN □ □ 1604
<b>PTXN R1616-X16X</b>	●	16	16	120	20	16	0	TN □ □ 1604
<b>PTXN R2020-X16X</b>	●	20	20	120	20	20	0	TN □ □ 1604

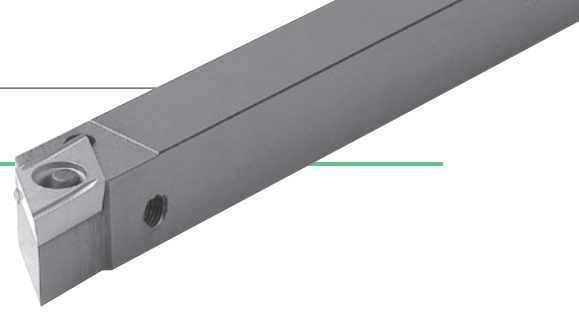
## Parts

Lever Pin	Clamp Bolt	Wrench
LCL33NT	LCS33NT	LH020NT

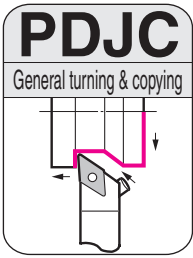
Insert selection B50~

Small Product  
Machining Tool

# SEC-MINI Tool Holders PD/SD Type

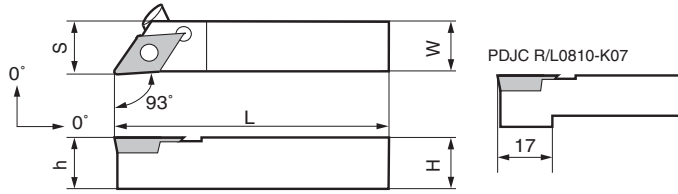


## External Turning



### PDJC

General turning & copying



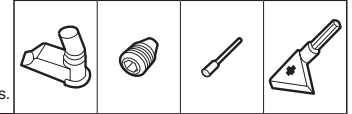
PDJC R/L0810-K07

#### Holder

Above figures show right hand tools.

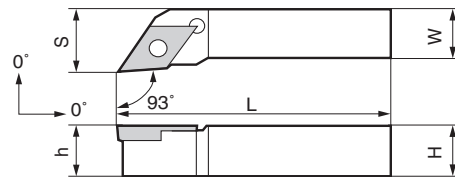
Sumitomo Cat. No.	Stock		Dimensions (mm)						Applicable Insert	Lever Pin	Clamp Bolt	Pin	Wrench
	R	L	H	W	L	S	h						
PDJC R/L0810-K07	●	●	8	10	125	10.5	8	DC □ T0702	LCL06	BTT0407	LP04	TH020	
PDJC R/L1010-K07	●	●	10	10	125	10.5	10	DC □ T0702					
PDJC R/L1212-M11	●	●	12	12	150	12.5	12	DC □ T11T3	LCL09	BTT0411	LP07		
PDJC R/L1616-M11	●	●	16	16	150	16.5	16	DC □ T11T3					
PDJC R/L2020-M11	●	●	20	20	150	20.5	20	DC □ T11T3					

#### Parts



### SDJC

General turning & copying

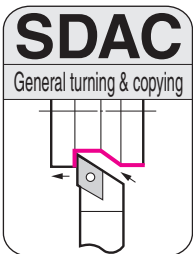


#### Holder

Above figures show right hand tools.

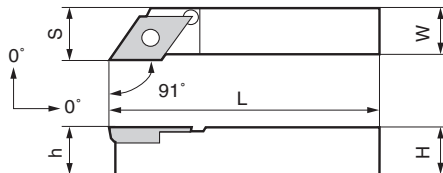
Sumitomo Cat. No.	Stock		Dimensions (mm)						Applicable Insert	Screw	Wrench
	R	L	H	W	L	S	h				
SDJC R/L0808-07	●		8	8	100	10	8	DC □ T0702	BFTX02506N	TRX08	
SDJC R/L1010-07	●	●	10	10	100	12	10	DC □ T0702			
SDJC R/L1212-11	●	●	12	12	100	16	12	DC □ T11T3	BFTX0409N	TRX15	
SDJC R/L1616-11	●	●	16	16	100	20	16	DC □ T11T3			
SDJC R/L2020-11	●	●	20	20	125	24	20	DC □ T11T3			

#### Parts



### SDAC

General turning & copying

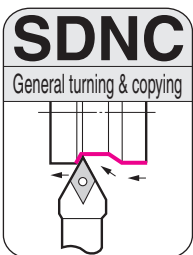
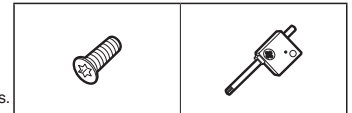


#### Holder

Above figures show right hand tools.

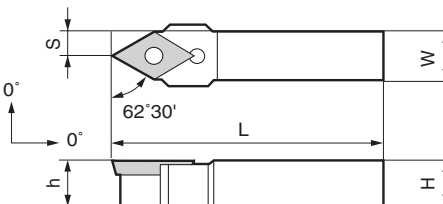
Sumitomo Cat. No.	Stock		Dimensions (mm)						Applicable Insert	Screw	Wrench
	R	L	H	W	L	S	h				
SDAC R/L0808-07	●	●	8	8	100	8.5	8	DC □ T0702	BFTX02506N	TRX08	
SDAC R/L1010-07	●	●	10	10	100	10.5	10	DC □ T0702			
SDAC R/L1212-11	●	●	12	12	100	12.5	12	DC □ T11T3	BFTX0409N	TRX15	
SDAC R/L1616-11	●	●	16	16	100	16.5	16	DC □ T11T3			
SDAC R/L2020-11	●	●	20	20	125	20.5	20	DC □ T11T3			

#### Parts



### SDNC

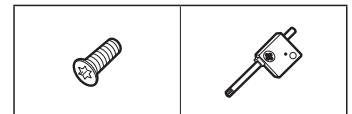
General turning & copying



#### Holder

Sumitomo Cat. No.	Stock	Dimensions (mm)						Applicable Insert	Screw	Wrench
		H	W	L	S	h				
SDNCN 0808-07		8	8	100	4	8	DC □ T0702	BFTX02506N	TRX08	
SDNCN 1010-07	●	10	10	100	5	10	DC □ T0702			
SDNCN 1212-11	●	12	12	100	6	12	DC □ T11T3	BFTX0409N	TRX15	
SDNCN 1616-11	●	16	16	100	8	16	DC □ T11T3			
SDNCN 2020-11	●	20	20	125	10	20	DC □ T11T3			

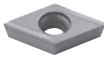
#### Parts

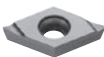


# SEC-MINI Tool Holders PD/SD Type

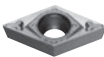
■ Insert ( Coated / Cermet)

## ● 7° Relief E-Class

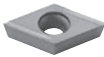
DCET FX		Stock				Dimensions (mm)		
		ACZ150				Inscribed circle	Thickness	Nose radius
ISO Cat. No.		ACZ150						
DCET 0702003R-FX		●				6.35	2.38	0.03
0702003L-FX		●			0.03			
0702008R-FX		●			0.08			
0702008L-FX		●			0.08			
070201R-FX		●			0.1			
070201L-FX		●			0.1			
0702018R-FX		●			0.18			
0702018L-FX		●			0.18			
070204R-FX		●			0.4			
070204L-FX		●			0.4			
DCET 11T3003R-FX		●				9.525	3.97	0.03
11T3003L-FX		●			0.03			
11T3008R-FX		●			0.08			
11T3008L-FX		●			0.08			
11T301R-FX		●			0.1			
11T301L-FX		●			0.1			
11T3018R-FX		●			0.18			
11T3018L-FX		●			0.18			
11T304R-FX		●			0.4			
11T304L-FX		●			0.4			

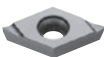
DCET FY		Stock				Dimensions (mm)		
		ACZ150				Inscribed circle	Thickness	Nose radius
ISO Cat. No.		ACZ150						
DCET 0702003R-FY		●				6.35	2.38	0.03
0702003L-FY		●			0.03			
0702008R-FY		●			0.08			
0702008L-FY		●			0.08			
070201R-FY		●			0.1			
070201L-FY		●			0.1			
0702018R-FY		●			0.18			
0702018L-FY		●			0.18			
070204R-FY		●			0.4			
070204L-FY		●			0.4			
DCET 11T3003R-FY		●				9.525	3.97	0.03
11T3003L-FY		●			0.03			
11T3008R-FY		●			0.08			
11T3008L-FY		●			0.08			
11T301R-FY		●			0.1			
11T301L-FY		●			0.1			
11T3018R-FY		●			0.18			
11T3018L-FY		●			0.18			
11T304R-FY		●			0.4			
11T304L-FY		●			0.4			

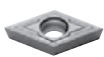
## ● 7° Relief G-Class

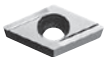
DCGT FC		Stock				Dimensions (mm)		
		ACZ150	T1200A			Inscribed circle	Thickness	Nose radius
ISO Cat. No.		ACZ150	T1200A					
DCGT 070201N-FC		●	●			6.35	2.38	0.1
070202N-FC		●	●		6.35			
070204N-FC		●	●		0.4			
DCGT 11T301N-FC		●	●			9.525	3.97	0.1
11T302N-FC		●	●		9.525			
11T304N-FC		●	●		0.4			

## ● 7° Relief G-Class

DCGT FX		Stock				Dimensions (mm)		
		ACZ310	T110A	T1200A		Inscribed circle	Thickness	Nose radius
ISO Cat. No.		ACZ310	T110A	T1200A				
DCGT 0702003R-FX		●	●	●		6.35	2.38	0.03
0702003L-FX		●	●	●	6.35			
070201R-FX		●	●	●	0.1			
070201L-FX		●	▲	●	0.1			
070202R-FX		●	●	●	0.2			
070202L-FX		●	●	●	0.2			
DCGT 11T3003R-FX		●	●	●		9.525	3.97	0.03
11T3003L-FX		●	●	▲	9.525			
11T301R-FX		●	●	●	0.1			
11T301L-FX		●	●	●	0.1			
11T302R-FX		●	●	●	0.2			
11T302L-FX		●	●	●	0.2			

DCGT FY		Stock				Dimensions (mm)				
		ACZ310				Inscribed circle	Thickness	Nose radius		
ISO Cat. No.		ACZ310								
DCGT 0702003R-FY		●				6.35	2.38	0.03		
0702003L-FY		●			6.35					
070201R-FY		●			0.1					
070201L-FY		▲			0.1					
070202R-FY		●			0.2					
070202L-FY		●			0.2					
070204R-FY		●			0.4					
070204L-FY		●			0.4					
DCGT 11T3003R-FY		●						9.525	3.97	0.03
11T3003L-FY		●			9.525					
11T301R-FY		▲			0.1					
11T301L-FY		●			0.1					
11T302R-FY		●			0.2					
11T302L-FY		▲			0.2					
11T304R-FY		●			0.4					
11T304L-FY		●			0.4					

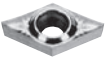
DCGT SC		Stock					Dimensions (mm)			
		ACZ150	ACZ310	T2000Z	T3000Z	T110A	T1200A	Inscribed circle	Thickness	Nose radius
ISO Cat. No.		ACZ150	ACZ310	T2000Z	T3000Z	T110A	T1200A			
DCGT 0702003N-SC		●	●	●	●	●	●	6.35	2.38	0.03
070201N-SC		●	●	●	●	●	6.35			
070202N-SC		●	●	●	●	●	0.1			
070204N-SC		●	●	●	●	●	0.4			
DCGT 11T3003N-SC		●	●	●	●	●	●	9.525	3.97	0.03
11T301N-SC		●	●	●	●	●	9.525			
11T302N-SC		●	●	●	●	●	0.1			
11T304N-SC		●	●	●	●	●	0.4			
11T308N-SC		●	●	●	●	●	0.8			

DCGT SD		Stock				Dimensions (mm)		
		T110A	T1200A			Inscribed circle	Thickness	Nose radius
ISO Cat. No.		T110A	T1200A					
DCGT 070202R-SD		●	●			6.35	2.38	0.2
070202L-SD		●	●		6.35			
070204R-SD		●	●		0.4			
070204L-SD		●	●		0.4			
DCGT 11T304R-SD		●	●			9.525	3.97	0.4
11T304L-SD		●	●		9.525			
11T308R-SD		●	●		0.8			
11T308L-SD		●	●		0.8			

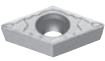
# SEC-MINI Tool Holders PD/SD Type

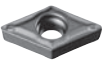
■ Insert ( Coated / Cermet / Carbide / SUMIBORON / SUMIDIA )

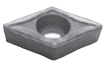
## ● 7° Relief G-Class

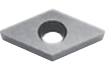
DCGT AG		Stock						Dimensions (mm)		
		H1						Inscribed circle	Thickness	Nose radius
ISO Cat. No.										
DCGT 070202N-AG		●						6.35	2.38	0.2
070204N-AG		●								0.4
DCGT 11T302N-AG		●						9.525	3.97	0.2
11T304N-AG		●								0.4
11T308N-AG		●								0.8

## ● 7° Relief M-Class

DCMT LU		Stock						Dimensions (mm)		
		AC700G	AC2000	AC630M	ACZ310	T3000Z	T1200A	Inscribed circle	Thickness	Nose radius
ISO Cat. No.										
DCMT 070202N-LU		●	●	●	●	●	●	6.35	2.38	0.2
070204N-LU		●	●	●	●	●	●			0.4
DCMT 11T302N-LU		●	●	●	●	●	●	9.525	3.97	0.2
11T304N-LU		●	●	●	●	●	●			0.4
11T308N-LU		●	●	●	●	●	●			0.8

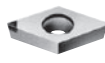
DCMT SU		Stock						Dimensions (mm)					
		AC2000	AC3000	AC610M	AC630M	ACZ310	T2000Z	T3000Z	T110A	T1200A	Inscribed circle	Thickness	Nose radius
ISO Cat. No.													
DCMT 070202N-SU		●	●	●	●	●	●	●	●	●	6.35	2.38	0.2
070204N-SU		●	●	●	●	●	●	●	●	●			0.4
070208N-SU		●	●	●	●	●	●	●	●	●			0.8
DCMT 11T302N-SU		●	●	●	●	●	●	●	●	●	9.525	3.97	0.2
11T304N-SU		●	●	●	●	●	●	●	●	●			0.4
11T308N-SU		●	●	●	●	●	●	●	●	●			0.8

DCMT MU		Stock						Dimensions (mm)		
		AC700G	AC2000	AC3000	AC630M	AC410K	AC300G	Inscribed circle	Thickness	Nose radius
ISO Cat. No.										
DCMT 11T304N-MU		●	●	●	●	○	●	9.525	3.97	0.4
11T308N-MU		●	●	●	●	○	●			0.8

DCMW		Stock						Dimensions (mm)		
		AC700G	AC410K	AC300G				Inscribed circle	Thickness	Nose radius
ISO Cat. No.										
DCMW 070204		●	○	●				6.35	2.38	0.4
070208		●	○	●						0.8
DCMW 11T304		●	○	●				9.525	3.97	0.4
11T308		●	○	●						0.8

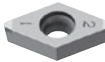
## ● SUMIBORON One-use Type

(●Mark: Only 1 piece pack in stock, ○Mark: Both 1 piece pack and 10 pieces pack in stock)

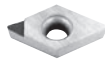
NU-DCGW		Stock						Dimensions (mm)		
		BN250	BN700					Inscribed circle	Thickness	Nose radius
ISO Cat. No.										
NU-DCGW 070202		●	●					6.35	2.38	0.2
070204		○	○							0.4
070202M		●	—							0.2
070204M		●	—							0.4
070208M		●	—							0.8
NU-DCGW 11T302		●	●					9.525	3.97	0.2
11T304		○	○							0.4
11T302F		—	—							0.2
11T304F		—	—							0.4
11T302M		●	—							0.2
11T304M		●	—							0.4
11T308M		●	—							0.8
11T312M		●	—							1.2

※ F : Sharp Edge Type, M : For continuous cut

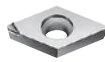
## ● Coated SUMIBORON One-use Type/Multi-corner

2NC-DCGW		Stock				Dimensions (mm)		
		BNC80	BNC100	BNC200	BNC300	Inscribed circle	Thickness	Nose radius
ISO Cat. No.								
2NC-DCGW 070202				●		6.35	2.38	0.2
070204				●				0.4
2NC-DCGW 11T302		●	●	●	●	9.525	3.97	0.2
11T304		●	●	●	●			0.4
11T308		●	●	●	●			0.8

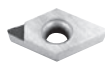
## ● SUMIDIA (NF Type)

NF-DCMT		Stock						Dimensions (mm)		
		DA2200						Inscribed circle	Thickness	Nose radius
ISO Cat. No.										
NF-DCMT 070201		●						6.35	2.38	0.1
070202		●								0.2
070204		●								0.4
NF-DCMT 11T301		●						9.525	3.97	0.1
11T302		●								0.2
11T304		●								0.4
11T308		●								0.8

## ● SUMIDIA (Break Master)

NU-DCMT DM		Stock						Dimensions (mm)		
		DA150						Inscribed circle	Thickness	Nose radius
ISO Cat. No.										
NU-DCMT 070202R-DM		●						6.35	2.38	0.2
070202L-DM		●								0.2
070204R-DM		●								0.4
070204L-DM		●								0.4
NU-DCMT 11T302R-DM		●						9.525	3.97	0.2
11T302L-DM		●								0.2
11T304R-DM		●								0.4
11T304L-DM		●								0.4

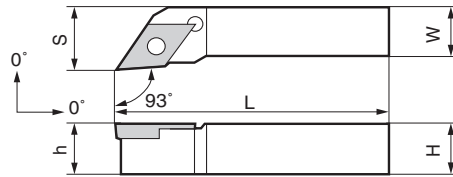
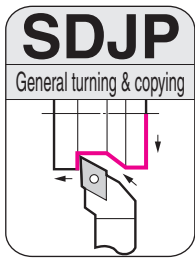
## ● SUMIDIA

DCMT		Stock				Dimensions (mm)		
		DA150	DA2200			Inscribed circle	Thickness	Nose radius
ISO Cat. No.								
DCMT 070201		●	▲			6.35	2.38	0.1
070202		●	▲					0.2
070204		●	▲					0.4
DCMT 11T301		●	▲			9.525	3.97	0.1
11T302		●	▲					0.2
11T304		●	▲					0.4



# SEC-MINI Tool Holders SD Type

## External Turning



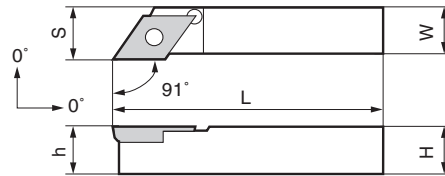
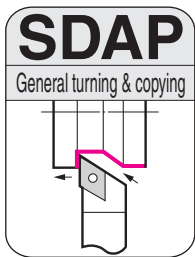
### Holder

Above figures show right hand tools.

Sumitomo Cat. No.	Stock		Dimensions (mm)					Applicable Insert
	R	L	H	W	L	S	h	
<b>SDJP R/L0808-H07</b>	●	●	10	10	100	10	8	DP □ T0702
<b>SDJP R/L1010-H07</b>	●	●	10	10	100	12	10	DP □ T0702
<b>SDJP R/L1212-H11</b>	●	●	12	12	100	16	12	DP □ T11T3
<b>SDJP R/L1616-H11</b>	●	●	16	16	100	20	16	DP □ T11T3

### Parts

Screw	Wrench
BFTX02506N	TRX08
BFTX0409N	TRX15



### Holder

Above figures show right hand tools.

Sumitomo Cat. No.	Stock		Dimensions (mm)					Applicable Insert
	R	L	H	W	L	S	h	
<b>SDAP R/L0808-H07</b>	●	●	8	10	100	8.5	8	DP □ T0702
<b>SDAP R/L1010-H07</b>	●	●	10	10	100	10.5	10	DP □ T0702
<b>SDAP R/L1212-H11</b>	●	●	12	12	100	12.5	12	DP □ T11T3
<b>SDAP R/L1616-H11</b>	●	●	16	16	100	16.5	16	DP □ T11T3

### Parts

Screw	Wrench
BFTX02506N	TRX08
BFTX0409N	TRX15

### Insert ( Coated)

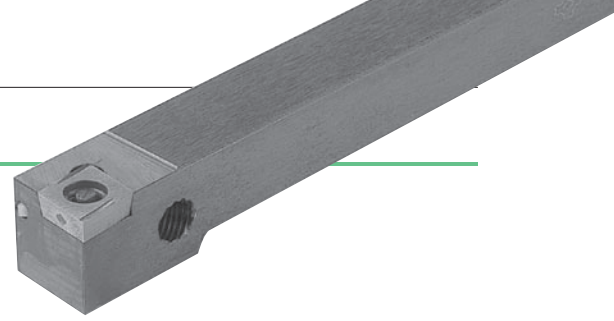
#### ● 11° Relief G-Class

DPGT FX	Stock	Dimensions (mm)		
		Inscribed circle	Thickness	Nose radius
ISO Cat. No.	ACZ310			
<b>DPGT0702003R-FX</b>	●			0.03
<b>0702003L-FX</b>	●			0.03
<b>070201R-FX</b>	●	6.35	2.38	0.1
<b>070201L-FX</b>	●			0.1
<b>070202R-FX</b>	●			0.2
<b>070202L-FX</b>	●			0.2
<b>DPGT11T3003R-FX</b>	●			0.03
<b>11T3003L-FX</b>	●			0.03
<b>11T301R-FX</b>	●	9.525	3.97	0.1
<b>11T301L-FX</b>	●			0.1
<b>11T302R-FX</b>	●			0.2
<b>11T302L-FX</b>	●			0.2

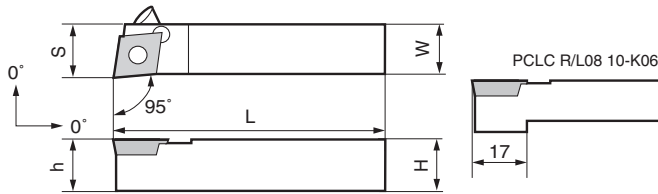
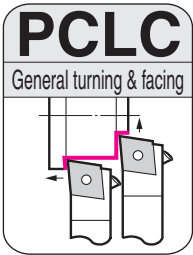
DPGT FY	Stock	Dimensions (mm)		
		Inscribed circle	Thickness	Nose radius
ISO Cat. No.	ACZ310			
<b>DPGT0702003R-FY</b>	●			0.03
<b>0702003L-FY</b>	●			0.03
<b>070201R-FY</b>	●	6.35	2.38	0.1
<b>070201L-FY</b>	●			0.1
<b>070202R-FY</b>	●			0.2
<b>070202L-FY</b>	▲			0.2
<b>DPGT11T3003R-FY</b>	●			0.03
<b>11T3003L-FY</b>	●			0.03
<b>11T301R-FY</b>	●	9.525	3.97	0.1
<b>11T301L-FY</b>	▲			0.1
<b>11T302R-FY</b>	●			0.2
<b>11T302L-FY</b>	▲			0.2

※ Please refer to Autolathe Tools brochure for E and EX-class inserts

# SEC-MINI Tool Holders PC/SC Type



## External Turning



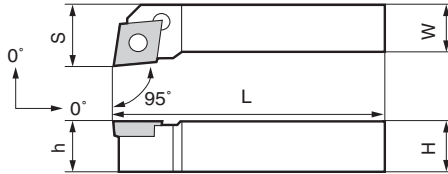
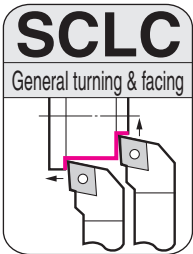
### Holder

Above figures show right hand tools.

Sumitomo Cat. No.	Stock		Dimensions (mm)						Applicable Insert
	R	L	H	W	L	S	h		
PCLC R/L0810-K06	●	●	8	10	125	10.5	8	CC □ T0602	
PCLC R/L1010-K06	●	●	10	10	125	10.5	10	CC □ T0602	
PCLC R/L1212-M09	●	●	12	12	150	12.5	12	CC □ T09T3	
PCLC R/L1616-M09	●	●	16	16	150	16.5	16	CC □ T09T3	
PCLC R/L2020-M09	●	●	20	20	150	20.5	20	CC □ T09T3	

### Parts

Lever Pin	Clamp Bolt	Pin	Wrench
LCL06	BTT0407	LP07	TH020
LCL09	BTT0411	LP06	



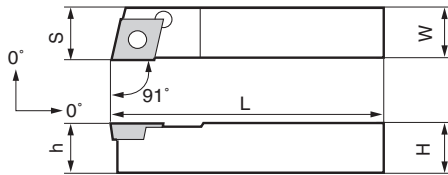
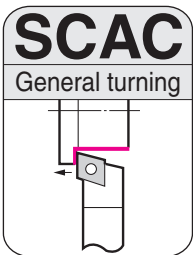
### Holder

Above figures show right hand tools.

Sumitomo Cat. No.	Stock		Dimensions (mm)						Applicable Insert
	R	L	H	W	L	S	h		
SCLC R/L0808-06	●	●	8	8	100	10	8	CC □ T0602	
SCLC R/L1010-06	●	●	10	10	100	12	10	CC □ T0602	
SCLC R/L1212-09	●	●	12	12	100	16	12	CC □ T09T3	
SCLC R/L1616-09	●	●	16	16	100	20	16	CC □ T09T3	
SCLC R/L2020-09	●	●	20	20	125	24	20	CC □ T09T3	

### Parts

Screw	Wrench
BFTX02506N	TRX08
BFTX0409N	TRX15



### Holder

Above figures show right hand tools.

Sumitomo Cat. No.	Stock		Dimensions (mm)						Applicable Insert
	R	L	H	W	L	S	h		
SCAC R/L0808-06	●		8	8	100	8.5	8	CC □ T0602	
SCAC R/L1010-06	●	●	10	10	100	10.5	10	CC □ T0602	
SCAC R/L1212-09	●	●	12	12	100	12.5	12	CC □ T09T3	
SCAC R/L1616-09	●	●	16	16	100	16.5	16	CC □ T09T3	
SCAC R/L2020-09	●	●	20	20	125	20.5	20	CC □ T09T3	

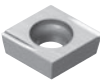
### Parts


Screw	Wrench
BFTX02506N	TRX08
BFTX0409N	TRX15

# SEC-MINI Tool Holders PC/SC Type


■ Insert ( Coated / Cermet / Carbide)

## ● 7° Relief E-Class

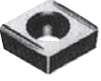
CCET FX		Stock				Dimensions (mm)		
		ACZ150				Inscribed circle	Thickness	Nose radius
ISO Cat. No.								
CCET 0602003R-FX		●				6.35	2.38	0.03
0602003L-FX		●						0.03
060201R-FX		●						0.1
060201L-FX		●						0.1
060202R-FX		●						0.2
060202L-FX		●						0.2
060204R-FX		●						0.4
060204L-FX		●				0.4		
CCET 09T3003R-FX		●				9.525	3.97	0.03
09T3003L-FX		●						0.03
09T301R-FX		●						0.1
09T301L-FX		●						0.1
09T302R-FX		●						0.2
09T302L-FX		●						0.2
09T304R-FX		●						0.4
09T304L-FX		●						0.4

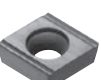
CCET FY		Stock				Dimensions (mm)		
		ACZ150				Inscribed circle	Thickness	Nose radius
ISO Cat. No.								
CCET 0602003R-FY		●				6.35	2.38	0.03
0602003L-FY		●						0.03
060201R-FY		●						0.1
060201L-FY		●						0.1
060202R-FY		●						0.2
060202L-FY		●						0.2
060204R-FY		●						0.4
060204L-FY		●				0.4		
CCET 09T3003R-FY		●				9.525	3.97	0.03
09T3003L-FY		●						0.03
09T301R-FY		●						0.1
09T301L-FY		●						0.1
09T302R-FY		●						0.2
09T302L-FY		●						0.2
09T304R-FY		●						0.4
09T304L-FY		●						0.4

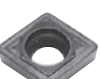
## ● 7° Relief G-Class


CCGT FC		Stock				Dimensions (mm)		
		ACZ150	T1200A			Inscribed circle	Thickness	Nose radius
ISO Cat. No.								
CCGT 060201N-FC		●	●			6.35	2.38	0.1
060202N-FC		●	●					0.2
060204N-FC		●	●					0.4
CCGT 09T301N-FC		●	●			9.525	3.97	0.1
09T302N-FC		●	●					0.2
09T304N-FC		●	●					0.4

## ● 7° Relief G-Class

CCGT FX		Stock					Dimensions (mm)		
		ACZ310	EH10Z	T2000Z	T110A	T1200A	Inscribed circle	Thickness	Nose radius
ISO Cat. No.									
CCGT 0602003R-FX		●					6.35	2.38	0.03
0602003L-FX		●							0.03
060201R-FX		●							0.1
060201L-FX		●							0.1
060202R-FX		●	●						0.2
060202L-FX		●	●	●					0.2
060204R-FX		●	●						0.4
060204L-FX		●	●				0.4		
CCGT 09T3003R-FX		●					9.525	3.97	0.03
09T3003L-FX		●							0.03
09T301R-FX		●							0.1
09T301L-FX		●							0.1
09T302R-FX		●							0.2
09T302L-FX		●		▲					0.2
09T304R-FX		●	●						0.4
09T304L-FX		●	●						0.4
09T308R-FX		●							0.8
09T308L-FX		●							0.8

CCGT FZ		Stock				Dimensions (mm)		
		ACZ310				Inscribed circle	Thickness	Nose radius
ISO Cat. No.								
CCGT 0602003R-FZ		●				6.35	2.38	0.03
0602003L-FZ		●						0.03
060201R-FZ		●						0.1
060201L-FZ		●						0.1
060202R-FZ		●						0.2
060202L-FZ		●						0.2
060204R-FZ		●						0.4
060204L-FZ		●				0.4		
CCGT 09T3003R-FZ		●				9.525	3.97	0.03
09T3003L-FZ		●						0.03
09T301R-FZ		●						0.1
09T301L-FZ		●						0.1
09T302R-FZ		●						0.2
09T302L-FZ		●						0.2
09T304R-FZ		●						0.4
09T304L-FZ		●						0.4


CCGT SC		Stock				Dimensions (mm)		
		ACZ150	ACZ310	T110A	T1200A	Inscribed circle	Thickness	Nose radius
ISO Cat. No.								
CCGT 0602003N-SC		●	●			6.35	2.38	0.03
060201N-SC		●	●					0.1
060202N-SC		●	●	●				0.2
CCGT 09T3003N-SC		●	●			9.525	3.97	0.03
09T301N-SC		●	●					0.1
09T302N-SC		●	●	●				0.2


CCGT AG		Stock				Dimensions (mm)		
		H1				Inscribed circle	Thickness	Nose radius
ISO Cat. No.								
CCGT 060202N-AG		●				6.35	2.38	0.2
060204N-AG		●						0.4
CCGT 09T302N-AG		●				9.525	3.97	0.2
09T304N-AG		●						0.4
09T308N-AG		●						0.8


# SEC-MINI Tool Holders PC/SC Type


■ Insert ( Coated / Cermet / Carbide / SUMIBORON / SUMIDIA )


## ● 7° Relief M-Class


CCMT LU		Stock						Dimensions (mm)		
		AC700G	AC2000	AC630M	ACZ310	T3000Z	T1200A	Inscribed circle	Thickness	Nose radius
ISO Cat. No.										
CCMT 060202N-LU		●	●	●	●	●	●	6.35	2.38	0.2
060204N-LU		●	●	●	●	●	●			0.4
CCMT 09T304N-LU		●	●	●	●	●	●	9.525	3.97	0.2
09T308N-LU		●	●	●	●	●	●			0.4


CCMT LUW		Stock						Dimensions (mm)		
		AC700G	AC2000	AC630M	T3000Z			Inscribed circle	Thickness	Nose radius
ISO Cat. No.										
CCMT 09T304N-LUW		●	●	●	●			9.525	3.97	0.4
09T308N-LUW		●	●	●	●					0.8

CCMT FP		Stock						Dimensions (mm)		
		T1200A						Inscribed circle	Thickness	Nose radius
ISO Cat. No.										
CCMT 060208N-FP		●						6.35	2.38	0.8
CCMT 09T302N-FP		●						9.525	3.97	0.2

CCMT SU		Stock										Dimensions (mm)			
		AC2000	AC3000	AC610M	AC630M	ACZ310	T2000Z	T3000Z	T110A	T1200A			Inscribed circle	Thickness	Nose radius
ISO Cat. No.															
CCMT 060202N-SU		●	●	●	●	●	●	●	●	●	●	●	●	●	0.2
060204N-SU		●	●	●	●	●	●	●	●	●	●	●	●	●	0.4
060208N-SU		●	●	●	●	●	●	●	●	●	●	●	●	●	0.8
CCMT 09T302N-SU		●	●	●	●	●	●	●	●	●	●	●	●	●	0.2
09T304N-SU		●	●	●	●	●	●	●	●	●	●	●	●	●	0.4
09T308N-SU		●	●	●	●	●	●	●	●	●	●	●	●	●	0.8

CCMT SC		Stock						Dimensions (mm)		
		AC2000						Inscribed circle	Thickness	Nose radius
ISO Cat. No.										
CCMT 060204N-SC		●						6.35	2.38	0.4


CCMT MU		Stock						Dimensions (mm)		
		AC700G	AC2000	AC3000	AC630M	AC410K	AC300G	Inscribed circle	Thickness	Nose radius
ISO Cat. No.										
CCMT 09T304N-MU		●	●	●	●	○	●	9.525	3.97	0.4
09T308N-MU		●	●	●	●	○	●			0.8

CCMW		Stock						Dimensions (mm)		
		AC700G	AC410K	AC300G				Inscribed circle	Thickness	Nose radius
ISO Cat. No.										
CCMW 060204		●	○	▲				6.35	2.38	0.4
CCMW 09T304		●	○	●				9.525	3.97	0.4
09T308		●	○	●						0.8

## ● 7° Relief G-Class


### ● SUMIBORON One-use Type

(●Mark: Only 1 piece pack in stock, ◎Mark: Both 1 piece pack and 10 pieces pack in stock)

NU-CCGW		Stock						Dimensions (mm)		
		BN250	BN700					Inscribed circle	Thickness	Nose radius
ISO Cat. No.										
NU-CCGW 060202		◎								0.2
060204		◎	●					6.35	2.38	0.4
060202M		●	—							0.2
060204M		●	—							0.4
060208M		●	—							0.8
NU-CCGW 09T302		◎								0.2
09T304		◎	●					9.525	3.97	0.4
09T302M		●	—							0.2
09T304M		●	—							0.4
09T308M		●	—							0.8


※ M: For continuous cut

### ● Coated SUMIBORON One-use Type/Multi-corner


2NC-CCGW		Stock				Dimensions (mm)		
		BNC80	BNC100	BNC200	BNC300	Inscribed circle	Thickness	Nose radius
ISO Cat. No.								
2NC-CCGW 060202				●		6.35	2.38	0.2
060204				●				0.4
2NC-CCGW 09T302		●	●	●	●	9.525	3.97	0.2
09T304		●	●	●	●			0.4
09T308		●	●	●	●			0.8

## ● 7° Relief M-Class


### ● SUMIDIA (NF Type)

NF-CCMT		Stock						Dimensions (mm)		
		DA2200						Inscribed circle	Thickness	Nose radius
ISO Cat. No.										
NF-CCMT 060201		●						6.35	2.38	0.1
060202		●								0.2
060204		●								0.4
NF-CCMT 09T301		●						9.525	3.97	0.1
09T302		●								0.2
09T304		●								0.4
09T308		●								0.8

### ● SUMIDIA (Break Master)

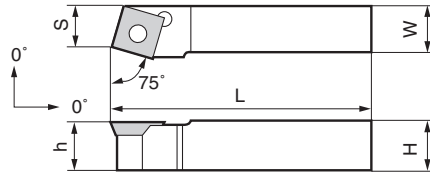
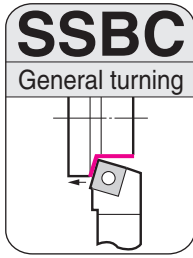
NU-CCMT		Stock						Dimensions (mm)		
		DA150						Inscribed circle	Thickness	Nose radius
ISO Cat. No.										
NU-CCMT 060202R-DM		●						6.35	2.38	0.2
060202L-DM		●								0.2
060204R-DM		●								0.4
060204L-DM		●								0.4
NU-CCMT 09T302R-DM		●						9.525	3.97	0.2
09T302L-DM		●								0.2
09T304R-DM		●								0.4
09T304L-DM		●								0.4

### ● SUMIDIA

CCMT		Stock						Dimensions (mm)		
		DA150	DA2200					Inscribed circle	Thickness	Nose radius
ISO Cat. No.										
CCMT 060201		●	▲					6.35	2.38	0.1
060202		●	▲							0.2
060204		●	▲							0.4
CCMT 09T301		●	▲					9.525	3.97	0.1
09T302		●	▲							0.2
09T304		●	▲							0.4

# SEC-MINI Tool Holders SS Type

## External Turning



### Holder

Above figures show right hand tools.

Sumitomo Cat. No.	Stock		Dimensions (mm)							Insert	Screw	Wrench
	R	L	H	W	L	S	h					
<b>SSBC R/L1010-07</b>	●	●	10	10	100	9	10		SC □ T0702	BFTX0307N	TRX10	
<b>SSBC R/L1212-09</b>	●	●	12	12	100	11	12		SC □ T09T3	BFTX0409N	TRX15	
<b>SSBC R/L1616-09</b>	●	●	16	16	100	15	16		SC □ T09T3			
<b>SSBC R/L2020-09</b>	●	●	20	20	125	19	20		SC □ T09T3			

### Parts



### Insert ( Coated / Cermet / SUMIDIA)

#### ● 7° Relief G-Class

SCGT FX	Stock	Dimensions (mm)		
		Inscribed circle	Thickness	Nose radius
ISO Cat. No.	ACZ310 EH10Z			
SCGT 09T302R-FX	●			0.2
09T302L-FX	●			0.2
09T304R-FX	●			0.4
09T304L-FX	●			0.4

SCGT SC	Stock	Dimensions (mm)		
		Inscribed circle	Thickness	Nose radius
ISO Cat. No.	ACZ310 T1200A			
SCGT 070201N-SC	●			0.1
070202N-SC	●			0.2
SCGT 09T301N-SC	●			0.1
09T302N-SC	●			0.2

#### ● 7° Relief M-Class

SCMT LU	Stock	Dimensions (mm)		
		Inscribed circle	Thickness	Nose radius
ISO Cat. No.	AC700G AC2000 AC630M T3000Z T1200A			
SCMT 09T304N-LU	●			0.4
09T308N-LU	●			0.8

#### ● 7° Relief M-Class

SCMT SU	Stock	Dimensions (mm)		
		Inscribed circle	Thickness	Nose radius
ISO Cat. No.	AC2000 AC3000 AC610M AC630M			
SCMT 09T304N-SU	●			0.4
09T308N-SU	●			0.8

SCMT MU	Stock	Dimensions (mm)		
		Inscribed circle	Thickness	Nose radius
ISO Cat. No.	AC700G AC2000 AC630M AC410K AC300G			
SCMT 09T308N-MU	●			0.8

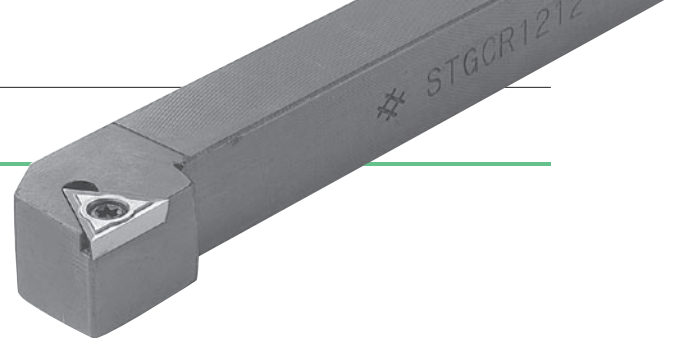
SCMW	Stock	Dimensions (mm)		
		Inscribed circle	Thickness	Nose radius
ISO Cat. No.	AC700G AC300G			
SCMW 09T308	●			0.8

#### ● SUMIDIA

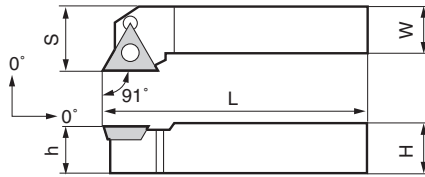
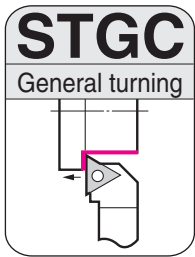
SCMT	Stock	Dimensions (mm)		
		Inscribed circle	Thickness	Nose radius
ISO Cat. No.	DA150			
SCMT 070201	●			0.1
070202	●			0.2
070204	●			0.4
SCMT 09T301	▲			0.1
09T302	▲			0.2
09T304	▲			0.4



# SEC-MINI Tool Holders ST Type



## External turning





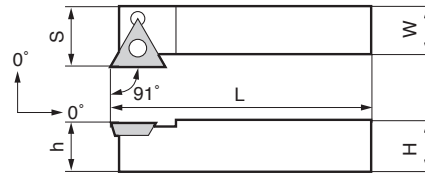
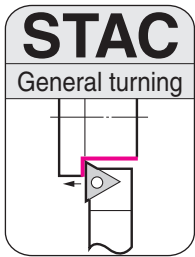
### Holder

Above figures show right hand tools.

Sumitomo Cat. No.	Stock		Dimensions (mm)						Applicable Insert
	R	L	H	W	L	S	h		
STGC R/L0808-09	●		8	8	100	10	8	TC □ T0902	
STGC R/L1010-09	●	●	10	10	100	12	10	TC □ T0902	
STGC R/L1212-11	●	●	12	12	100	16	12	TC □ T1102	
STGC R/L1616-11	●	●	16	16	100	20	16	TC □ T1102	
STGC R/L2020-11	●	●	20	20	125	25	20	TC □ T1102	

### Parts

Screw	Wrench
	
BFTX02205N	TRX06
BFTX02506N	TRX08





### Holder

Above figures show right hand tools.

Sumitomo Cat. No.	Stock		Dimensions (mm)						Applicable Insert
	R	L	H	W	L	S	h		
STAC R/L0808-09		●	8	8	100	8.5	8	TC □ T0902	
STAC R/L1010-09	●		10	10	100	10.5	10	TC □ T0902	
STAC R/L1212-11	●	●	12	12	100	12.5	12	TC □ T1102	
STAC R/L1616-11	●	●	16	16	100	16.5	16	TC □ T1102	
STAC R/L2020-11	●	●	20	20	125	20.5	20	TC □ T1102	


### Parts


Screw	Wrench
	
BFTX02205N	TRX06
BFTX02506N	TRX08


# SEC-MINI Tool Holders ST Type

■ Insert ( Coated / Cermet / SUMIDIA )


## ● 7° Relief G-Class


TCGT FX		Stock				Dimensions (mm)		
		ACZ310				Inscribed circle	Thickness	Nose radius
ISO Cat. No.		ACZ310						
TCGT 090201R-FX		●				5.56	2.38	0.1
090201L-FX		●						0.1
090202R-FX		●						0.2
090202L-FX		●						0.2
TCGT 110201R-FX		●				6.35	2.38	0.1
110201L-FX		●						0.1
110202R-FX		●						0.2
110202L-FX		▲						0.2


TCGT FY		Stock				Dimensions (mm)		
		ACZ310				Inscribed circle	Thickness	Nose radius
ISO Cat. No.		ACZ310						
TCGT 090201R-FY		●				5.56	2.38	0.1
090201L-FY		●						0.1
090202R-FY		●						0.2
090202L-FY		●						0.2
TCGT 110201R-FY		●				6.35	2.38	0.1
110201L-FY		●						0.1
110202R-FY		●						0.2
110202L-FY		●						0.2

TCGT SC		Stock				Dimensions (mm)		
		ACZ310	T1200A			Inscribed circle	Thickness	Nose radius
ISO Cat. No.		ACZ310	T1200A					
TCGT 090201N-SC		●	●			5.56	2.38	0.1
090202N-SC		●	●					0.2
TCGT 110201N-SC		●	●					0.1
110202N-SC		●	●			6.35	2.38	0.1
								0.2


## ● 7° Relief M-Class

TCMT LU		Stock					Dimensions (mm)		
		AC700G	AC2000	AC630M	T3000Z	T1200A	Inscribed circle	Thickness	Nose radius
ISO Cat. No.		AC700G	AC2000	AC630M	T3000Z	T1200A			
TCMT 110204N-LU		●	●	●	●	●	6.35	2.38	0.4
110208N-LU		●	●	●	●	●			0.8


TCMT SU		Stock				Dimensions (mm)		
		AC2000	AC3000	AC610M	AC630M	Inscribed circle	Thickness	Nose radius
ISO Cat. No.		AC2000	AC3000	AC610M	AC630M			
TCMT 110204N-SU		●	●	●	●	6.35	2.38	0.4
110208N-SU		●	●	●	●			0.8

TCMW —		Stock			Dimensions (mm)		
		AC700G	AC410K	AC300G	Inscribed circle	Thickness	Nose radius
ISO Cat. No.		AC700G	AC410K	AC300G			
TCMW 110204		●	○	●	6.35	2.38	0.4
110208		●	●	●			0.8

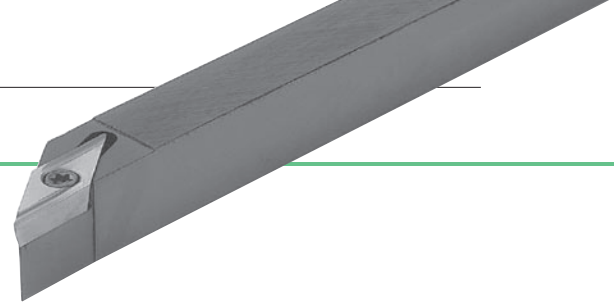
## ● SUMIDIA

TCMT —		Stock				Dimensions (mm)		
		DA150	DA2200			Inscribed circle	Thickness	Nose radius
ISO Cat. No.		DA150	DA2200					
TCMT 090201		●	▲			5.56	2.38	0.1
090202		●	▲					0.2
090204		●	▲					0.4
TCMT 110201		●	▲			6.35	2.38	0.1
110202		●	▲					0.2
110204		●	▲					0.4

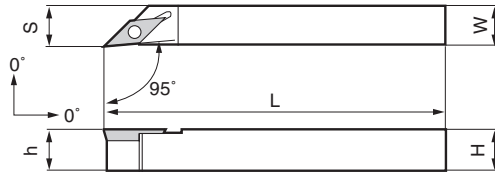
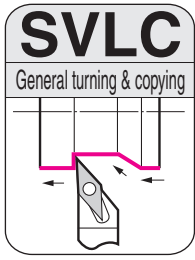
## ● SUMIDIA (NF Type)

NF-TCMT —		Stock				Dimensions (mm)		
		DA2200				Inscribed circle	Thickness	Nose radius
ISO Cat. No.		DA2200						
NF-TCMT 090202		●				5.56	2.38	0.2
090204		●						0.4
NF-TCMT 110201		●				6.35	2.38	0.1
110202		●						0.2
110204		●						0.4

# SEC-MINI Tool Holders SV Type



## General Turning and Copying



### Holder

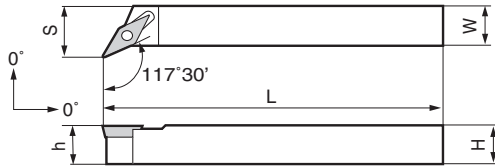
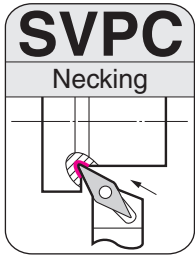
Above figures show right hand tools.

Sumitomo Cat. No.	Stock		Dimensions (mm)						Insert
	R	L	H	W	L	S	h		
<b>SVLC R/L1010-H11</b>	●	●	10	10	100	10.5	10	VC □ T1103	
<b>SVLC R/L1212-H11</b>	●	●	12	12	100	12.5	12	VC □ T1103	
<b>SVLC R/L1616-H11</b>	●	●	16	16	100	16.5	16	VC □ T1103	
<b>SVLC R/L2020-K11*</b>	●	●	20	20	125	20.5	20	VC □ T1103	

### Parts

Screw	Wrench
BFTX02506N	TRX08

\* Previous Cat. No. SVLCR/L2020-H11



### Holder

Above figures show right hand tools.




Sumitomo Cat. No.	Stock		Dimensions (mm)						Insert
	R	L	H	W	L	S	h		
<b>SVPC R/L1010-H11</b>	●	●	10	10	100	14.5	10	VC □ T1103	
<b>SVPC R/L1212-H11</b>	●	●	12	12	100	16.5	12	VC □ T1103	
<b>SVPC R/L1616-H11</b>	●	●	16	16	100	20.5	16	VC □ T1103	
<b>SVPC R/L2020-K11*</b>	●	●	20	20	125	24.5	20	VC □ T1103	

### Parts

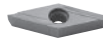
Screw	Wrench
BFTX02506N	TRX08

\* Previous Cat. No. SVPCR/L2020-H11

# SEC-MINI Tool Holders SV Type

■ Insert (  Coated /  Cermet /  Carbide /  SUMIBORON /  SUMIDIA)

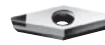
## ● 7° Relief E-Class

VCET FX		Stock				Dimensions (mm)		
		ACZ150				Inscribed circle	Thickness	Nose radius
ISO Cat. No.		ACZ150				6.35	3.18	
VCET 1103008R-FX	●				0.08			
1103008L-FX	●				0.08			
110301R-FX	●				0.1			
110301L-FX	●				0.1			
1103018R-FX	●				0.18			
1103018L-FX	●				0.18			

New  
New  
New  
New  
New

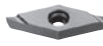
## ● 7° Relief G-Class

### ● SUMIBORON One-use Type

NU-VCGW		Stock				Dimensions (mm)		
		BN250				Inscribed circle	Thickness	Nose radius
ISO Cat. No.		BN250				6.35	3.18	
NU-VCGW 110302	●				0.2			
110304	●				0.4			
110302M	●				0.2			
110304M	●				0.4			

New  
New


※ M: For continuous cut

VCET FY		Stock				Dimensions (mm)		
		ACZ150				Inscribed circle	Thickness	Nose radius
ISO Cat. No.		ACZ150				6.35	3.18	
VCET 1103008R-FY	●				0.08			
1103008L-FY	●				0.08			
110301R-FY	●				0.1			
110301L-FY	●				0.1			
1103018R-FY	●				0.18			
1103018L-FY	●				0.18			


New  
New  
New  
New  
New

## ● 7° Relief M-Class


### ● SUMIDIA (NF Type)

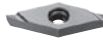
NF-VCMT		Stock				Dimensions (mm)		
		DA2200				Inscribed circle	Thickness	Nose radius
ISO Cat. No.		DA2200				6.35	3.18	
NF-VCMT 110301	●				0.1			
110302	●				0.2			
110304	●				0.4			


## ● 7° Relief G-Class

VCGT FC		Stock				Dimensions (mm)		
		ACZ150	T1200A			Inscribed circle	Thickness	Nose radius
ISO Cat. No.		ACZ150	T1200A			6.35	3.18	
VCGT 110301N-FC	●	●			0.1			
110302N-FC	●	●			0.2			
110304N-FC	●	●			0.4			


New  
New  
New

VCGT FX		Stock				Dimensions (mm)		
		ACZ310	T1200A			Inscribed circle	Thickness	Nose radius
ISO Cat. No.		ACZ310	T1200A			6.35	3.18	
VCGT 110301R-FX	●	●			0.1			
110301L-FX	●	●			0.1			
110302R-FX	●	●			0.2			
110302L-FX	●	●			0.2			

VCGT FY		Stock				Dimensions (mm)		
		ACZ310				Inscribed circle	Thickness	Nose radius
ISO Cat. No.		ACZ310				6.35	3.18	
VCGT 110301R-FY	●				0.1			
110301L-FY	●	●			0.1			
110302R-FY	●				0.2			
110302L-FY	●				0.2			

VCGT AG		Stock				Dimensions (mm)		
		H1				Inscribed circle	Thickness	Nose radius
ISO Cat. No.		H1				6.35	3.18	
VCGT 110302N-AG	●				0.2			
110304N-AG	●				0.4			

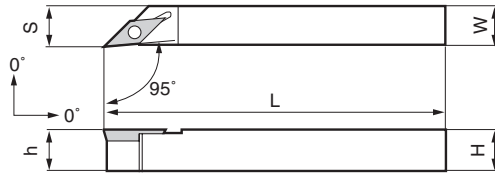
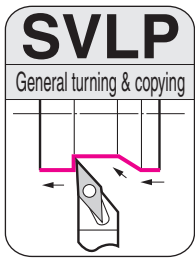
## ● 7° Relief M-Class

VCMT SU		Stock				Dimensions (mm)		
		AC630M				Inscribed circle	Thickness	Nose radius
ISO Cat. No.		AC630M				6.35	3.18	
VCMT 110302N-SU	●				0.2			
110304N-SU	●				0.4			
110308N-SU	●				0.8			

New  
New  
New

# SEC-MINI Tool Holders SV Type

## General Turning and Copying



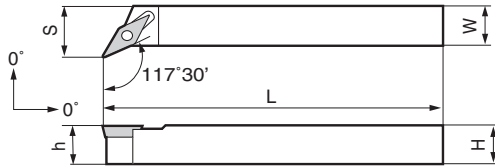
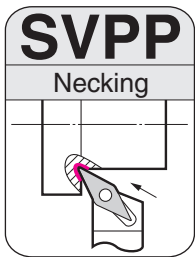
### Holder

Above figures show right hand tools.

Sumitomo Cat. No.	Stock		Dimensions (mm)						Applicable Insert
	R	L	H	W	L	S	h		
SVLP R/L1010-H11	●	●	10	10	100	10.5	10	VP □ T1103	
SVLP R/L1212-H11	●	●	12	12	100	12.5	12	VP □ T1103	
SVLP R/L1616-H11	●	●	16	16	100	16.5	16	VP □ T1103	

### Parts

Screw	Wrench
BFTX02506N	TRX08



### Holder

Above figures show right hand tools.

Sumitomo Cat. No.	Stock		Dimensions (mm)						Applicable Insert
	R	L	H	W	L	S	h		
SVPP R/L1010-H11	●	●	10	10	100	14.5	10	VP □ T1103	
SVPP R/L1212-H11	●	●	12	12	100	16.5	12	VP □ T1103	
SVPP R/L1616-H11	●	●	16	16	100	20.5	16	VP □ T1103	

### Parts

Screw	Wrench
BFTX02506N	TRX08

### Insert (Coated)

#### ● 11° Relief E-Class

VPET FX	ACZ150	Stock			Dimensions (mm)		
					Inscribed circle	Thickness	Nose radius
ISO Cat. No.							
VPET 1103003R-FX	●				6.35	3.18	0.03
1103003L-FX	●						0.03
110301R-FX	●						0.1
110301L-FX	●						0.1
110302R-FX	●						0.2
110302L-FX	●						0.2

#### ● 11° Relief G-Class

VPGT FX	ACZ310	Stock			Dimensions (mm)		
					Inscribed circle	Thickness	Nose radius
ISO Cat. No.							
VPGT 110301R-FX	●				6.35	3.18	0.1
110301L-FX	●						0.1
110302R-FX	●						0.2
110302L-FX	●						0.2

VPET FY	ACZ150	Stock			Dimensions (mm)		
					Inscribed circle	Thickness	Nose radius
ISO Cat. No.							
VPET 1103003R-FY	●				6.35	3.18	0.03
1103003L-FY	●						0.03
110301R-FY	●						0.1
110301L-FY	●						0.1
110302R-FY	●						0.2
110302L-FY	●						0.2

VPGT FY	ACZ310	Stock			Dimensions (mm)		
					Inscribed circle	Thickness	Nose radius
ISO Cat. No.							
VPGT 110301R-FY	●				6.35	3.18	0.1
110301L-FY	●						0.1
110302R-FY	●						0.2
110302L-FY	●						0.2