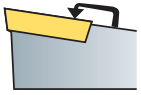


S T F C R 12 C A - 16

1 Method of Mounting Insert    2 Insert Shape    3 Holder Style    4 Relief Angle of Insert    5 Hand    6 Height of Cutting Edge    7 Cartridge Code    8 Type of Cartridge    9 Length of Cutting Edge

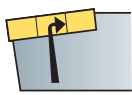
**1 Method of Mounting Insert**

S T F C R 12 C A - 16



Top Clamping

C



Hole Clamping

P



Screw on

S

**2 Insert Shape**

S T F C R 12 C A - 16



C



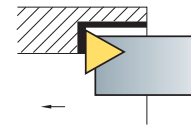
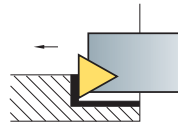
S



T

**5 Hand**

S T F C R 12 C A - 16

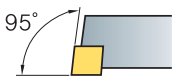


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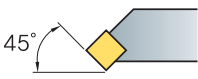
L

**3 Holder Style**

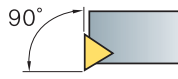
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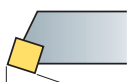
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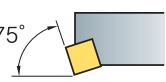
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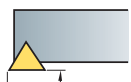
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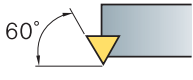
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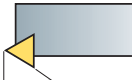
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G



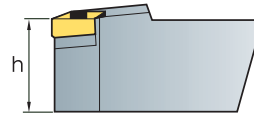
W



T

**6 Height of Cutting Edge**

S T F C R 12 C A - 16



**7 Cartridge Code**

S T F C R 12 C A - 16

C (Cartridge)

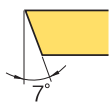
**8 Type of Cartridge**

S T F C R 12 C A - 16

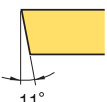
A (ISO5611)

**4 Relief Angle of Insert**

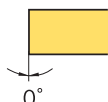
S T F C R 12 C A - 16



C



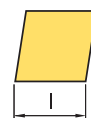
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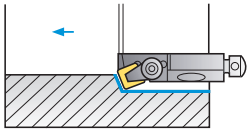
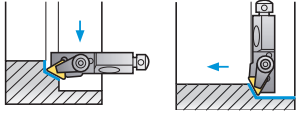
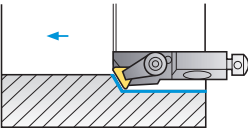
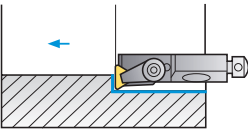
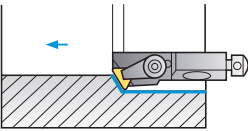
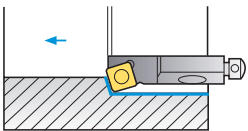
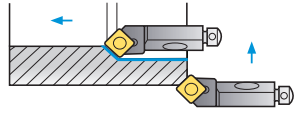
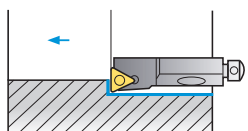
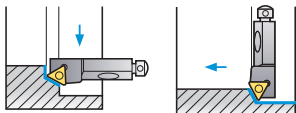
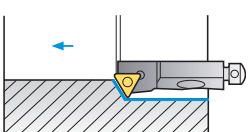
N

**9 Length of Cutting Edge**

S T F C R 12 C A - 16

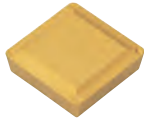


# B Index for Cartridge

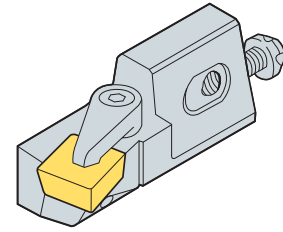
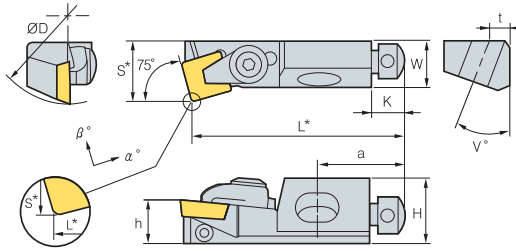
	Cutting Shape	Turning	Copying	Facing	Chamfering	Applicable inserts	Page	
Clamp on System	<b>CSKPR/L</b> 	10CA-09 12CA-12	●				SP□R0903□□ SP□R1203□□	B243
	<b>CTTPR/L</b> 	10CA-11 12CA-16	●				TP□R1103□□ TP□R1603□□	B244
	<b>CTWPR/L</b> 	10CA-11 12CA-16	●				TP□R1103□□ TP□R1603□□	B245
	<b>CTFPR/L</b> 	10CA-11 12CA-16	●		●		TP□R1103□□ TP□R1603□□	B243
	<b>CTSPR/L</b> 	10CA-11 12CA-16	●				TP□R1103□□ TP□R1603□□	B244
Screw on System	<b>SSKCR/L</b> 	10CA-09 12CA-12	●				SC□T09T3□□ SC□T1204□□	B245
	<b>SSSCR/L</b> 	10CA-09 12CA-12	●		●		SC□T09T3□□ SC□T1204□□	B246
	<b>STFCR/L</b> 	10CA-11 12CA-16	●		●		TC□T1102□□ TC□T16T3□□	B246
	<b>STTCR/L</b> 	10CA-11 12CA-16	●		●		TC□T1102□□ TC□T16T3□□	B247
	<b>STWCR/L</b> 	10CA-11 12CA-16	●				TC□T1102□□ TC□T16T3□□	B247



# CSKPR/L



SP□R



• R type insert (mm)

Designation	ØD	H	W	L*	S*	h	K	α°	β°	a	t	v°	Insert
CSKPR/L 10CA-09	40	15	11	50	14	10	8	6	0	20	5	20	SP□R0903□□
12CA-12	50	20	15	55	20	12	8	6	0	20	6	20	SP□R1203□□

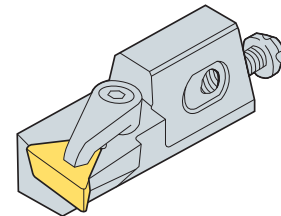
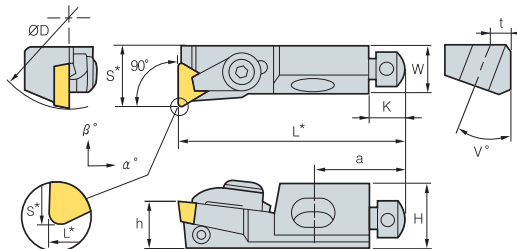
➔ Applicable inserts **B76~B77**      · a base Insert : r = 0.8    D = ØD Min. machining Dia.

Parts	Clamp	Axial Adjust Screw	Radial Adjust Screw	MountingScrew	Washer	Wrench	Wrench
CSKPR/L 10CA-09	CA05R	AZ0508F	KHA0408	RHA0620	WA0602	TW 15P	HW20L
12CA-12	CA06R	AZ0508F	KHA0412	RHA0625	WA0602	TW 15P	HW20L

# CTFPR/L



TP□R



• R type insert (mm)

Designation	ØD	H	W	L*	S*	h	K	α°	β°	a	t	v°	Insert
CTFPR/L 10CA-11	40	15	11	50	14	10	8	6	0	20	5	20	TP□R1103□□
12CA-16	50	20	15	55	20	12	8	6	0	20	6	20	TP□R1603□□

➔ Applicable inserts **B81~B83**      · a base Insert : r = 0.4 (l=11) r = 0.8 (l=16)    D = ØD Min. machining Dia.

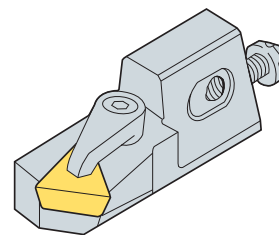
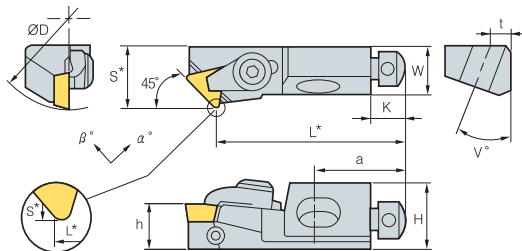
Parts	Clamp	Axial Adjust Screw	Radial Adjust Screw	MountingScrew	Washer	Wrench	Wrench
CTFPR/L 10CA-11	CA05R	AZ0508F	KHA0408	RHA0620	WA0602	TW25L	HW20L
12CA-16	CA06R	AZ0508F	KHA0412	RHA0625	WA0602	TW30L	HW20L

# B Clamp on System

## CTSPR/L



TP□R



• R type insert (mm)

Designation	ØD	H	W	L*	S*	h	K	α°	β°	a	t	v°	Insert
CTSPR/L 10CA-11	40	15	11	44	14	10	8	4	0	20	5	20	TP□R1103□□
12CA-16	50	20	15	47	20	12	8	5	0	20	6	20	TP□R1603□□

➔ Applicable inserts B81-B83

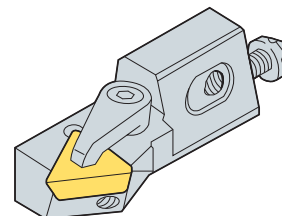
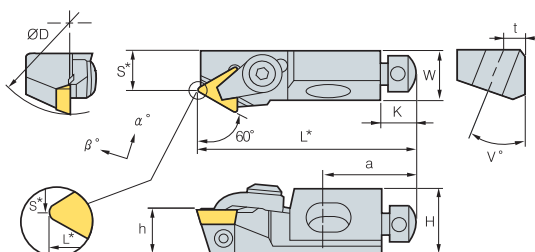
• a base Insert : r = 0.4 (l = 11) r = 0.8 (l = 16) D = ØD Min. machining Dia.

Parts	Clamp	Axial Adjust Screw	Radial Adjust Screw	MountingScrew	Washer	Wrench	Wrench
CTSPR/L 10CA-11	CA05R	AZ0508F	KHA0408	RHA0620	WA0602	TW25L	HW20L
12CA-16	CA06R	AZ0508F	KHA0412	RHA0625	WA0602	TW30L	HW20L

## CTTPR/L



TP□R



• R type insert (mm)

Designation	ØD	H	W	L*	S*	h	K	α°	β°	a	t	v°	Insert
CTTPR/L 10CA-11	40	15	11	50	9	10	8	5	0	20	5	20	TP□R1103□□
12CA-16	50	20	15	55	20	12	8	5	0	20	6	20	TP□R1603□□

➔ Applicable inserts B81-B83

• a base Insert : r = 0.8 D = ØD Min. machining Dia.

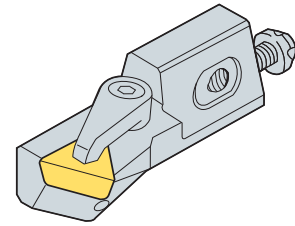
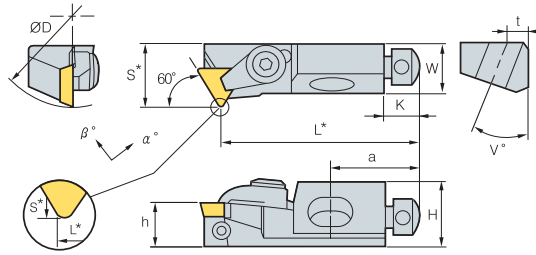
Parts	Clamp	Axial Adjust Screw	Radial Adjust Screw	MountingScrew	Washer	Wrench	Wrench
CTTPR/L 10CA-11	CA05R	AZ0508F	KHA0408	RHA0620	WA0602	TW25L	HW20L
12CA-16	CA06R	AZ0508F	KHA0412	RHA0625	WA0602	TW30L	HW20L



# CTWPR/L



TP□R



• R type insert (mm)

Designation	ØD	H	W	L*	S*	h	K	α°	β°	a	t	v°	Insert
CTWPR/L 10CA-11	40	15	11	44	14	10	8	5	0	20	5	20	TP□R1103□□
12CA-16	50	20	15	47	20	12	8	5	0	20	6	20	TP□R1603□□

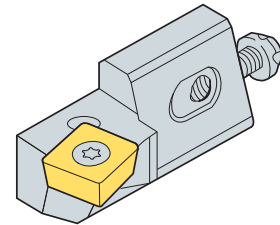
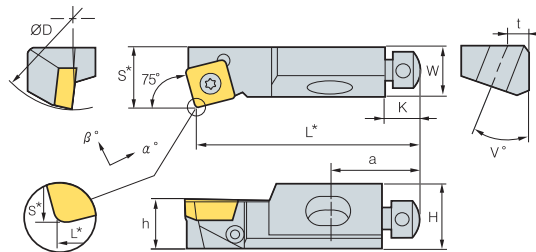
➔ Applicable inserts B81~B83      · a base Insert : r = 0.8      D = ØD Min. machining Dia.

Parts	Clamp	Axial Adjust Screw	Radial Adjust Screw	MountingScrew	Washer	Wrench	Wrench
CTWPR/L 10CA-11	CA05R	AZ0508F	KHA0408	RHA0620	WA0602	TW25L	HW20L
12CA-16	CA06R	AZ0508F	KHA0412	RHA0625	WA0602	TW30L	HW20L

# SSKCR/L



SC□□



• R type insert (mm)

Designation	ØD	H	W	L*	S*	h	K	α°	β°	a	t	v°	Insert
SSKCR/L 10CA-09	40	15	11	50	14	10	8	0	-4	20	5	20	SC□□09T3□□
12CA-12	50	20	15	55	20	12	8	0	-4	20	6	20	SC□□1204□□

➔ Applicable inserts B74~B75, B94      · a base Insert : r = 0.8      D = ØD Min. machining Dia.

Parts	Screw	Axial Adjust Screw	Radial Adjust Screw	MountingScrew	Washer	Wrench	Wrench
SSKCR/L 10CA-09	FTGA03508	AZ0508F	KHA0408	RHA0620	WA0602	TW 15P	HW20L
12CA-12	FTGA0411F	AZ0508F	KHA0412	RHA0625	WA0602	TW 15P	HW20L

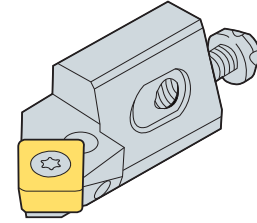
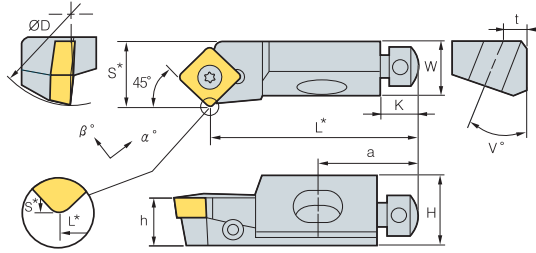


# B Screw on System

## SSSCR/L



SC□□



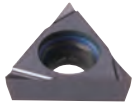
• R type insert (mm)

Designation	ØD	H	W	L*	S*	h	K	α°	β°	a	t	v°	Insert
SSSCR/L 10CA-09	40	15	11	44	14	10	8	-5	0	20	5	20	SC□□09T3□□
12CA-12	50	20	15	47	20	12	8	-5	0	20	6	20	SC□□1204□□

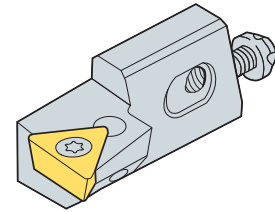
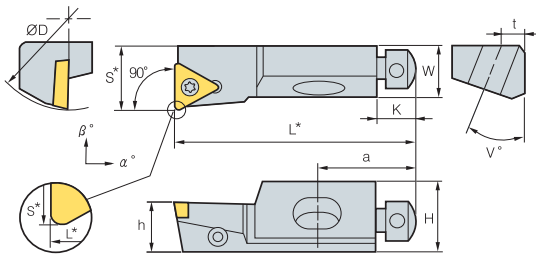
↻ Applicable inserts B74~B75, B94 · a base Insert : r = 0.8 D = ØD Min. machining Dia.

Parts	Screw	Axial Adjust Screw	Radial Adjust Screw	MountingScrew	Washer	Wrench	Wrench
SSSCR/L 10CA-09	FTGA03508	AZ0508F	KHA0408	RHA0620	WA0602	TW 15P	HW20L
12CA-12	FTGA0411F	AZ0508F	KHA0412	RHA0625	WA0602	TW 15P	HW20L

## STFCR/L



TC□□



• R type insert (mm)

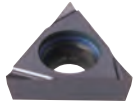
Designation	ØD	H	W	L*	S*	h	K	α°	β°	a	t	v°	Insert
STFCR/L 10CA-11	40	15	11	50	14	10	8	0	-3	20	5	20	TC□□1102□□
12CA-16	50	20	15	55	20	12	8	0	-3	20	6	20	TC□□16T3□□

↻ Applicable inserts B79~B80, B95 · a base Insert : r = 0.4 (l=11) r = 0.8 (l=16) D = Min. machining Dia.

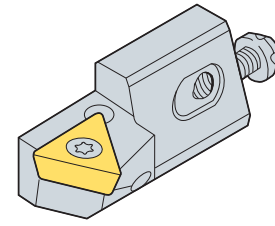
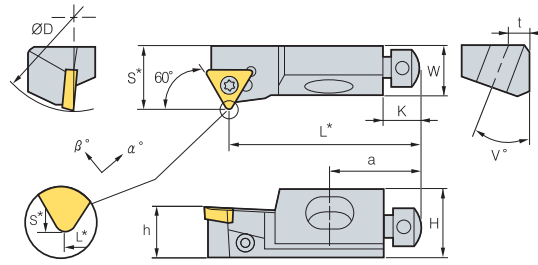
Parts	Screw	Axial Adjust Screw	Radial Adjust Screw	MountingScrew	Washer	Wrench	Wrench
STFCR/L 10CA-11	FTKA02565	AZ0508F	KHA0408	RHA0620	WA0602	TW 15P	HW20L
12CA-16	FTKA03508	AZ0508F	KHA0412	RHA0625	WA0602	TW 15P	HW20L



# STTCR/L



TC□□



• R type insert  
(mm)

Designation	ØD	H	W	L*	S*	h	K	α°	β°	a	t	v°	Insert
STTCR/L 10CA-11	40	15	11	50	9	10	8	-5	0	20	5	20	TC□□1102□□
12CA-16	50	20	15	47	20	12	8	-3	0	20	6	20	TC□□16T3□□

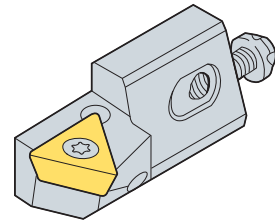
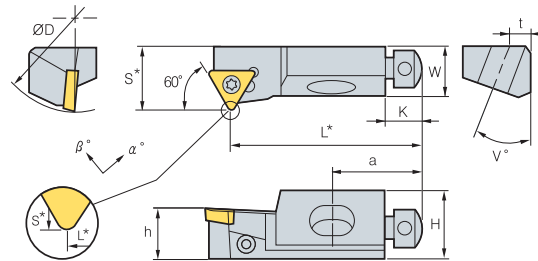
➔ Applicable inserts **B79-B80, B95**      · a base Insert : r = 0.4 (l = 11) r = 0.8 (l = 16)    D = Min. machining Dia.

Parts	Screw	Axial Adjust Screw	Radial Adjust Screw	Mounting Screw	Washer	Wrench	Wrench
STTCR/L 10CA-11	FTKA02565	AZ0508F	KHA0408	RHA0620	WA0602	TW 07P	HW20L
12CA-16	FTKA03508	AZ0508F	KHA0412	RHA0625	WA0602	TW 15P	HW20L

# STWCR/L



TC□□



• R type insert  
(mm)

Designation	ØD	H	W	L*	S*	h	K	α°	β°	a	t	v°	Insert
STWCR/L 10CA-11	40	15	11	44	14	10	8	0	-4	20	5	20	TC□□1102□□
12CA-16	50	20	15	47	20	12	8	-5	0	20	6	20	TC□□16T3□□

➔ Applicable inserts **B79-B80, B95**      · a base Insert : r = 0.4 (l = 11) r = 0.8 (l = 16)    D = Min. machining Dia.

Parts	Screw	Axial Adjust Screw	Radial Adjust Screw	Mounting Screw	Washer	Wrench	Wrench
STWCR/L 10CA-11	FTKA02565	AZ0508F	KHA0408	RHA0620	WA0602	TW 15P	HW20L
12CA-16	FTKA03508	AZ0508F	KHA0412	RHA0625	WA0602	TW 15P	HW20L