

# Twin Head Holders

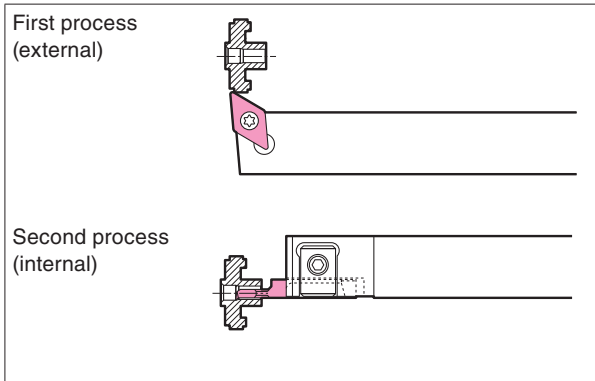


### Feature

- Capable of handling two different types of machining with a single holder, able to install one additional tool in the drill sleeve tool post.
- External machining using the drill sleeve is possible
- Two types in standard stock: internal + external, and internal + internal
- Difference between the cutting edge center heights of the two tools is less than 40 μm, handles high precision machining

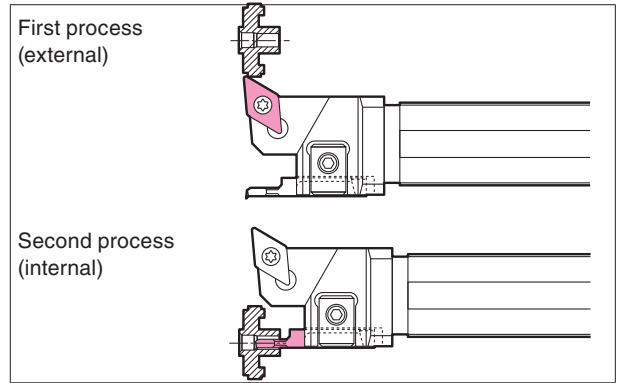
### Advantages of Twin Head Holders

#### Traditional tools



• Two different tools are required for the two types of processes

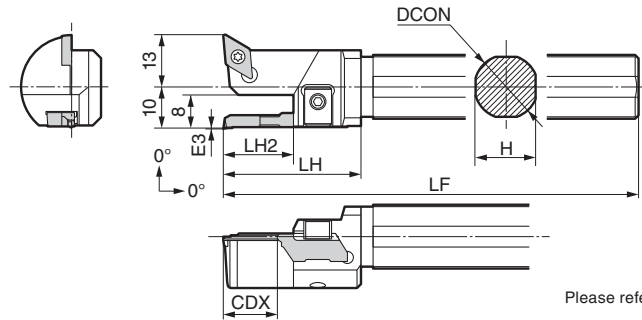
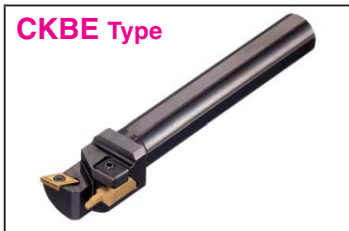
#### Twin head holders



- A single tool is capable of performing two different types of processes
- Twin head holder shortens the time required for moving the tool post

### Boring + External turning

#### CKBE Type



Please refer to page E74 for the value of E3



### Holders (ID boring depth 6.0mm type)

Dimensions (mm)

Cat. No.	Stock	Diameter	Height	Length	Head	Depth of cut	Head	Maximum work diameter*	ID Boring Inserts	OD Turning Insert
		DCON	H	LF	LH	CDX	LH2			
S1588X-CKBE-06	●	15.875	15	130	27	6	10	12.0	KBMX R 0006-00 KBMX R 0006-00T	DC□□ 0702 00
S16X-CKBE-06	●	16	15	130	27	6	10	12.0		
S1905X-CKBE-06	●	19.05	17	130	27	6	10	12.0		
S20X-CKBE-06	●	20	18	130	27	6	10	12.0		
S22X-CKBE-06	●	22	20	130	27	6	10	12.0		

\* For internal machining

### Holders (ID boring depth 11.0mm type)

Dimensions (mm)

Cat. No.	Stock	Diameter	Height	Length	Head	Depth of cut	Head	Maximum work diameter*	ID Boring Inserts	OD Turning Insert
		DCON	H	LF	LH	CDX	LH2			
S1588X-CKBE-11	●	15.875	15	130	32	11	15	12.0	KBMX R 0011-00 KBMX R 0011-00T	DC□□ 0702 00
S16X-CKBE-11	●	16	15	130	32	11	15	12.0		
S1905X-CKBE-11	●	19.05	17	130	32	11	15	12.0		
S20X-CKBE-11	●	20	18	130	32	11	15	12.0		
S22X-CKBE-11	●	22	20	130	32	11	15	12.0		

\* For internal machining

ID Boring Insert E74

OD Turning Insert D20-D23

Boring Bars

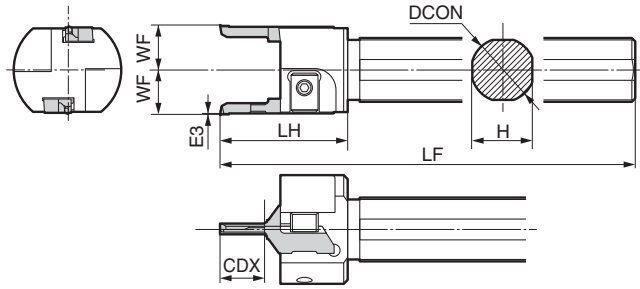
# Multifunctional Small Tools

## Twin Head Holders

Sumi Small

### Boring + Face Grooving

#### CKBB Type



#### ■ Holders

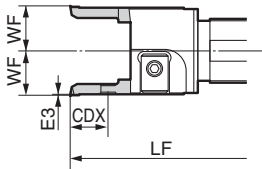
Dimensions (mm)

Cat. No.	Stock	Diameter	Height	Length	Head	Cutting edge distance	Depth of cut	Inserts for internal machining	Inserts for face grooving
		DCON	H	LF	LH	WF	CDX		
S1588X-CKBB-F	●	15.875	15	130	32	11.0	11	KBMX R 0000-00 KBMX R 0000-00T	KBMF R 0000-05
S16X-CKBB-F	●	16	15	130	32	11.0	11		
S1905X-CKBB-F	●	19.05	17	130	32	11.0	11		
S20X-CKBB-F	●	20	18	130	32	11.0	11		
S22X-CKBB-F	●	22	20	130	32	11.0	11		

Note: LF, WF, and CDX dimensions above refer to when KBM XR0311-00 (T) is installed. (Dimensions for when other inserts are installed are shown in the table below)

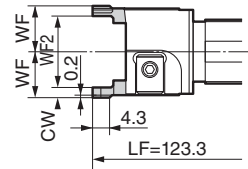
Insert List E74

#### Insert Cat. No. : KBM XR (Internal + Internal) Type



Cat. No.	Offset	Depth of cut	Cutting edge distance	Length
	E3	CDX	WF	LF
KBMX R0103-00 (T)	0.2	3	10.9	122
KBMX R01506-00 (T)	0.25	6	10.95	125
KBMX R0206-00 (T)	0.25	6	10.95	125
<b>KBMX R0311-00 (T)*</b>	<b>0.3</b>	<b>11</b>	<b>11.0</b>	<b>130</b>
KBMX R0411-00 (T)	0.5	11	11.2	130
KBMX R0511-00 (T)	0.7	11	11.4	130
KBMX R0420-00 (T)	0.5	20	11.2	139
KBMX R0520-00 (T)	0.7	20	11.4	139

#### Insert Cat. No. : KBM FR (Face + Face) Type

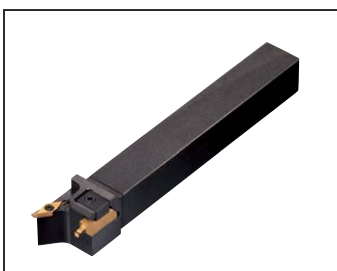


Cat. No.	Cutting edge distance	Cutting edge distance	Width of cut
	WF	WF2	CW
<b>KBMF R0615-05</b>	10.9	18.8	1.5
<b>KBMF R0620-05</b>	10.9	17.8	2.0
<b>KBMF R0630-05</b>	10.9	15.8	3.0

#### ■ Spare Parts

For KBM □ R insert attachment			For DC □ □ insert attachment	
Clamp	Double screw	Wrench	Screw	Wrench
CKBW16	WB4-8	LH020	BFTX02506N	<b>1.5</b> TRX08

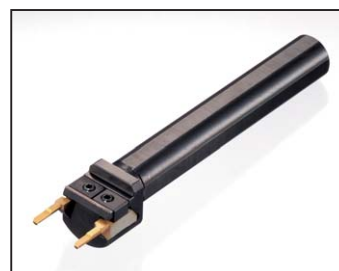
#### ■ Special Holder Configurations



Internal + External  
(Angled Holder Design)



Internal + Center Drill



Internal + Internal  
(Parallel Design)

We manufacture tools with designs appropriate for various work shapes and process details, such as center holes, facing, external undercutting, etc.

Recommended tightening torque (N·m)