



SW BORING HEAD (High Rigidity type for Roughing) PAT.



Set up example

Select the same CK No.

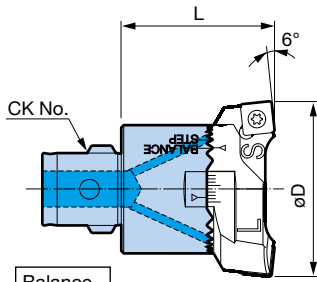
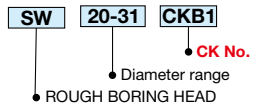
**CK SHANK**  
(BBT BT IV DV ST HSK BIG CAPTO)  
**BBT40-CKB3-44**

**SW HEAD**  
**SW32-51 CKB3**

**SW CARTRIDGE**  
**SW3242A**

● A Type for Through-Holes (4 corners of the insert can be used)

● Head Model Description

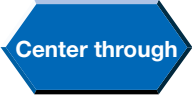


A Type for Through-Holes

Diameter $\varnothing D$	Head Model	CK No.	Cartridge	L	Clamp Bolt Set (spare)	Belleville Spring Set (spare)	Weight (kg)
20 - 26	SW 20- 31CKB1	CK1	SW2026A	32.5	SW20SS	SW20BS	0.1
25 - 31			SW2531A				0.1
25 - 33	SW 25- 40CKB2	CK2	SW2533A	35.5	SW25SS	SW25BS	0.2
32 - 40			SW3240A				0.2
32 - 42	SW 32- 51CKB3	CK3	SW3242A	40	SW32SS	SW32BS	0.3
41 - 51			SW4151A				0.3
41 - 54	SW 41- 66CKB4	CK4	SW4154A	47	SW41SS	SW41BS	0.5
53 - 66			SW5366A				0.5
53 - 70	SW 53- 86CKB5	CK5	SW5370A	57	SW53SS	SW53BS	0.8
69 - 86			SW6986A				0.9
68 - 90	SW 68-110CKB6	CK6	SW6890A	71	SW68SS	SW53BS	1.6
88 - 110			SW88110A				1.8
98 - 126	SW 98-153CKB6	CK6	SW98126A	71	SW98SS	SW98BS	2.8
125 - 153			SW125153A				3.0
98 - 126	SW 98-153CKB7	CK7	SW98126A	87	SW98SS	SW98BS	3.8
125 - 153			SW125153A				4.1
148 - 176	SW148-203CKB6	CK6	SW148176A	71	SW98SS	SW98BS	3.6
175 - 203			SW175203A				3.8
148 - 176	SW148-203CKB7	CK7	SW148176A	117	SW98SS	SW98BS	6.4
175 - 203			SW175203A				6.6

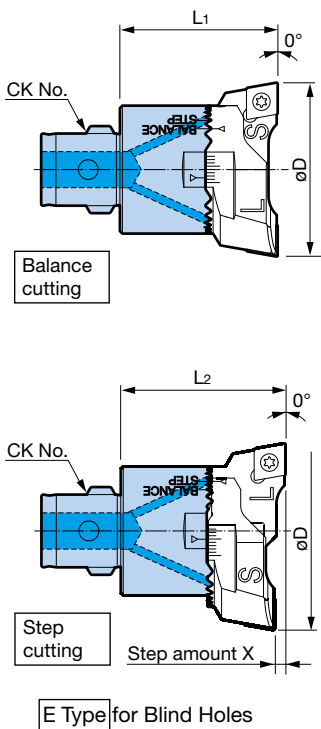
Diameter:  $\phi 20 - \phi 203$

# CK BORING SYSTEM



A

CK BORING SYSTEM



**E Type** for Blind Holes

● E Type for Blind Holes (To shape flat surfaces)

Diameter $\phi D$	Head Model	CK No.	Cartridge	L <sub>1</sub>	L <sub>2</sub>	X	Clamp Bolt Set (spare)	Belleville Spring Set (spare)	Weight (kg)		
20 - 26	<b>SW 20- 31CKB1</b>	CK1	SW2026E	32.5	32.6	0.2	SW20SS	SW20BS	0.1		
25 - 31			SW2531E						0.1		
25 - 33	<b>SW 25- 40CKB2</b>	CK2	SW2533E	35.5	35.6		SW25SS	SW25BS	0.2		
32 - 40			SW3240E						0.2		
32 - 42	<b>SW 32- 51CKB3</b>	CK3	SW3242E	40	40.1		SW32SS	SW32BS	0.3		
41 - 51			SW4151E						0.3		
41 - 54	<b>SW 41- 66CKB4</b>	CK4	SW4154E	47	47.2		0.4	SW41SS	SW41BS	0.5	
53 - 66			SW5366E							0.5	
53 - 70	<b>SW 53- 86CKB5</b>	CK5	SW5370E	57	57.2			SW53SS	SW53BS	0.8	
69 - 86			SW6986E							0.9	
68 - 90	<b>SW 68-110CKB6</b>	CK6	SW6890E※	71	71.2	SW68SS		1.6			
88 - 110			SW88110E※					1.8			
98 - 126	<b>SW 98-153CKB6</b>	CK6	SW98126E※	71	71.2	SW98SS		SW98BS	2.8		
125 - 153			SW125153E※						3.0		
98 - 126	<b>SW 98-153CKB7</b>	CK7	SW98126E※	87	87.2				SW98SS	SW98BS	3.8
125 - 153			SW125153E※								4.1
148 - 176	<b>SW148-203CKB6</b>	CK6	SW148176E※	71	71.2		SW98SS		SW98BS	3.6	
175 - 203			SW175203E※							3.8	
148 - 176	<b>SW148-203CKB7</b>	CK7	SW148176E※	117	117.2		SW98SS		SW98BS	6.4	
175 - 203			SW175203E※							6.6	

1. Clamping screws and belleville springs are included.
2. Compatible set items in the table are not included but must be ordered separately if required.
3. Cartridges and inserts must be ordered separately.
4. Coolant through is standard for all the SW heads.
5. The diameter range is the value when nose radius 0.4 is used for insert SC/CC06, and nose radius 0.8 for insert SC/CC09 and SC/CC12.

Cartridge models with ※ are also available for longer cutting edge inserts.

Change the end of the model number from E to EL when ordering. For details, **A43**

SW Cartridges **A42**

Holders **A75**

Spare parts **A99**