

# EWB BORING HEAD PAT. Diameter $\varnothing 32$ – $\varnothing 105$

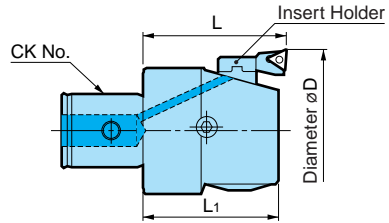
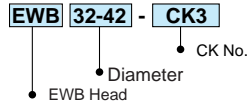
Coolant-Through Hole

V max. 2,000m/min.



- High speed version of the EWN Head.
- Ultra high precision with 1 division = 0.01mm/dia.

● Model Description



Diameter $\varnothing D$	Model	CK No.	L	L1	Weight (kg)	Insert Holder (standard accessory)	Insert
32 - 42	EWB32- 42CK3	3	40	37	0.20	EBH3-1	TC11
41 - 54	EWB41- 54CK4	4	47	43	0.38	EBH4-1	
53 - 70	EWB53- 70CK5	5	57	53	0.78	EBH5-1	
68 - 88	EWB68- 88CK6	6	71	67	1.65	EBH6-1	
85 -105	EWB85-105CK6				1.69		

- For EWB Head utilizing Insert type TP08, boring diameter represents the range when Insert with 0.2 nose radius is used. For EWB Head using Insert type TC11, boring diameter represents the range when Insert with 0.4 nose radius is used.
- Insert Holder is included. Insert must be ordered separately.
- Designed to be capable of supplying coolant through the body.

For Shanks & Holders: P51

For Inserts, refer to page 64-65.

**CAUTION**

The max. allowable spindle speed for the EWB Head is 2,000m/min. However, since the rigidity of machine spindle and workpiece, the length of boring tool and usage of Extension and Reduction adapters influence the condition, please increase the speed gradually to determine the best cutting condition.

# EWB ALUMINUM BORING HEAD PAT. Diameter $\varnothing 100$ – $\varnothing 203$

- Boring head made from high tensile aluminum and hard coating.
- Capable for use on small machines with weight restrictions.

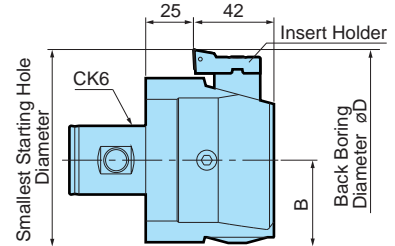
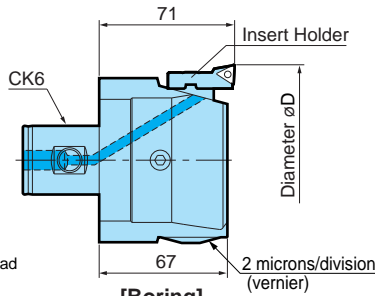
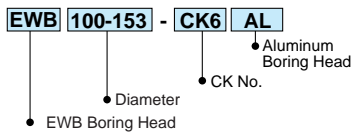
Coolant-Through Hole

V max. 2,000m/min.



Weight 600g/800g

● Model Description



**[Boring]**      **[Back Boring]**

Smallest Starting Hole Diameter = B + (Back Boring Diameter/2)

Model	CK No.	Insert Holder (standard accessory)	Boring			Weight (kg)	Insert
			Diameter $\varnothing D$	Diameter $\varnothing D$	B		
EWB100-153CK6AL	6	EBH6-1	100-153	112-153	45.5	0.6	TC11
EWB150-203CK6AL			150-203	150-203	63.5		

- For EWB Head using insert type TC11, boring diameter represents the range when insert with 0.4 nose radius is used.
- Rotation becomes reverse when back-boring.
- Insert must be ordered separately.

For Shanks and Holders: P51

For Inserts, refer to page 65.

**CAUTION**

The max. allowable spindle speed for the EWB Head is 2,000m/min. However, since the rigidity of machine spindle and workpiece, the length of boring tool and usage of Extension and Reduction adapters influence the condition, please increase the speed gradually to determine the best cutting condition.

## ● INSERT HOLDER PAT. (Option)

Model	Head Model	Insert	Insert Clamping Screw Set	Model	Head Model	Insert	Insert Clamping Screw Set
EBH3-1	EWB32-42CK3	TP08	S2S-T6	EBH6-1	EWB68 - 88CK6	TC11	S2.5S-T7
EBH4-1	EWB41-54CK4	TC11	S2.5S-T7		EWB85 -105CK6		
EBH5-1	EWB53-70CK5				EWB100-153CK6AL		

1. EWB Head includes Insert Holder as a standard accessory. Please specify the model from the above when ordering for replacement.