



BIG + KAISER CK Boring System
BIG DAISHOWA

NEW

World smallest precision boring head

EWN04-7CK1 (Diameter : $\phi 1-\phi 7$)

EWN04-15CK3 (Diameter : $\phi 1-\phi 15$)

EWN04-7CK1 / EWN04-15CK3

CATALOG No. EXm329

NEW PRODUCTS

Ultra small!

Body diameter $\phi 18.5\text{mm}$ (EWN04-7CK1)
Micro boring head

MAX
30,000min⁻¹

Diameter
 $\phi 1-\phi 15$



Diameter
 $\phi 1-\phi 7$

$\phi 18.5\text{mm}!!$
Compact body
avoids interference.

Full-scale

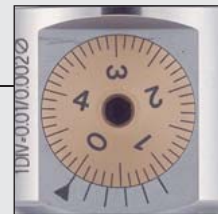
EWN04-7CK1



EWN04-15CK3

1 div. = 0.01mm/ ϕ +2 μm vernier

High precision diameter adjustment is achieved despite its ultra small size.
Fine adjust dial assures easy & fast adjustment.

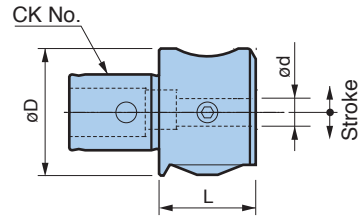
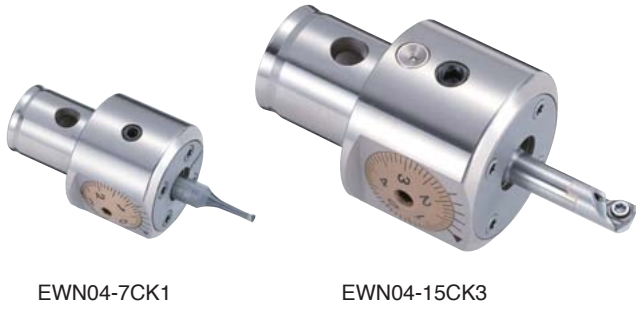


Ideal for small machines

Ultra small size fits small machining centers, such as HSK-E32 spindle.



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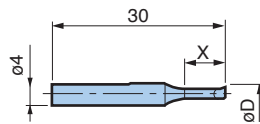
Model	Diameter	CK No.	øD	ød	L	Stroke	Max min ⁻¹	Weight (kg)
EWN04-7CK1	1.0- 7	CK1	18.5	4	14	-0.1 - +1.05	30,000	0.03
EWN04-15CK3	1.0-15	CK3	30	7	22	-0.2 - +2.0	20,000	0.12

1. Cylindrical Toolholder must be ordered separately.



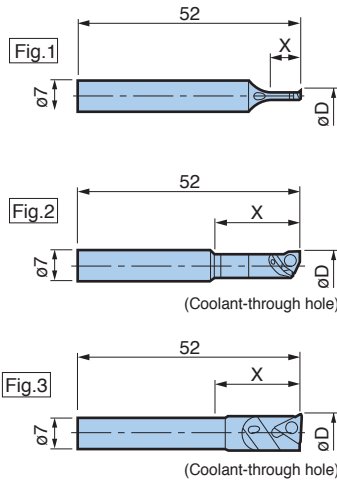
Cylindrical Toolholder

● For EWN04-7CK1



Diameter ød	Model	Engraved No.	X	Insert
1.0- 1.5	ST4W-EB 1 - 3	615.542	3	Integral with carbide shank
1.4- 2.0	-EB 1.5- 5	615.543	5	
1.9- 3.0	-EB 2 - 6	615.544	6	
2.9- 4.0	-EB 3 -10	615.545	10	
3.9- 5.0	-EB 4 -13	615.546	13	
4.9- 7.0	-EB 5 -16	615.547	16	

● For EWN04-15CK1



Diameter ød	Fig.	Model	Engraved No.	X	Insert
1.0- 1.5	1	ST7W-EB 1 - 3	615.524	3	Integral with carbide shank
1.4- 2.0		-EB 1.5 - 5	615.525	5	
1.9- 3.0		-EB 2 - 7	615.501	6	
2.9- 4.0		-EB 3 - 10	615.502	10	
3.9- 5.0		-EB 4 - 13	615.503	13	
4.9- 6.0		-EB 5 - 16	615.504	16	
5.8- 7.0	2	-EB 6 - 20	615.505	20	WC02
6.8- 8.0		-EB 7 - 20	615.506		
7.8- 9.0	3	-EB 8 - 20	615.507	30	TP07
8.8-10.0		-EB 9 - 20	615.508		
9.8-12.0		-EB 10 - 20	615.509		
11.8-15.0		-EB 12 - 30	615.511		

1. Insert must be ordered separately.



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