

NEW

Head replaceable type cBN face mill for cast iron

Patent Pending

Cast E'z Disc

Reducing spare disc setup time and exchange frequency !

High chipping resistance

High chipping resistance by the special cutting edge design ensures longer tool life.

Highly efficient machining

Super fine pitch cBN specifications are also available.

Head replaceable type

The head disc is Replaceable, simplifying tool management and allowing reuse of the body.

Run out adjustment is not required

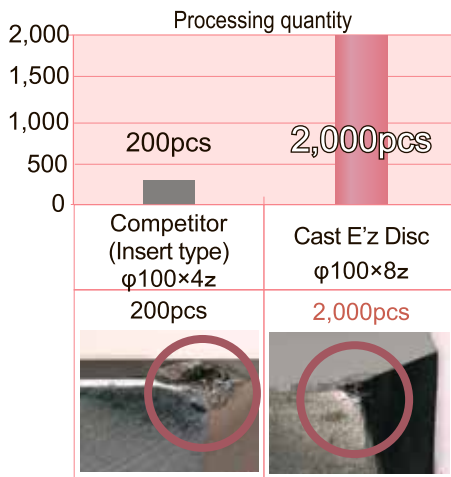
Only bolting of the disc using a specified torque wrench is required to ensure run out accuracy of the cutting edge.



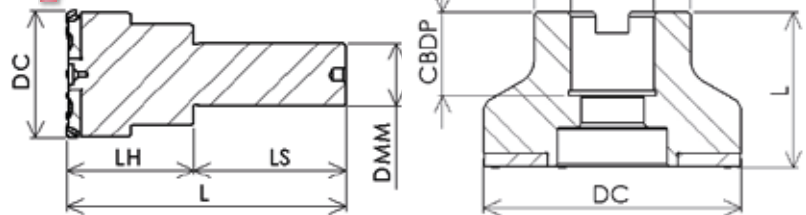
User test results

work piece FC material, Engine blocks for agricultural machinery

Cutting parameter: $V_c=800\text{m/min}$ $f_z=0.05\text{mm/tooth}$



Typical size



Shank type

DC	DMM	L	LH	Number of tooth
50	25	110	50	4

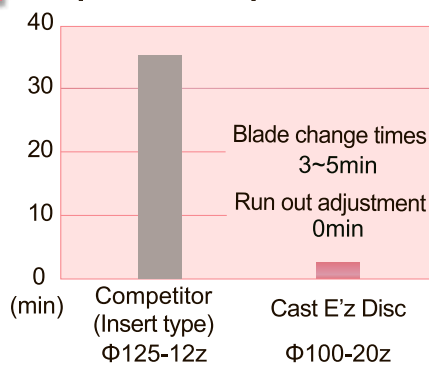
Cutter type

DC	DCON	L	DCSFMS	CDBP	Number of tooth
63	22	50	60	20	4
80	25.4	50	70	24	6
100	31.8	50	80	32	8
125	38.1	55	80	36	12

Recommended cutting conditions

Work piece	Depth of cut A_p (mm)	Cutting speed V_c (m/min)	Feed per revolution f_z (mm/tooth)
FC-cast iron	~ 1.0	800~1200	0.05~0.15

Setup times comparison



Check a video about changing spare disc

* Due to the improvement and technical change purposes, there may be a change without notice.