

MANDRELS UNIT

TECHNICAL PARAMETERS

This product is an automatic mandrel fixture mainly used in the CNC machine tools. It can be used together with cooperate with the draw-in chuck to expand the inner hole of workpiece, especially suitable for thin-wall parts, featuring high precision, high rotation speed, and reliable clamping, etc.

Product features & advantages

High rotation speed: The rotation speed is up to 5500rpm, effectively improving the surface quality of workpiece.

High precision: The clamping precision of expanding inner hole is less than 0.01mm;

Reliable clamping: Adopt the clamping method of one for clamping and one for fixing, with the minimum clamping length of 5mm.

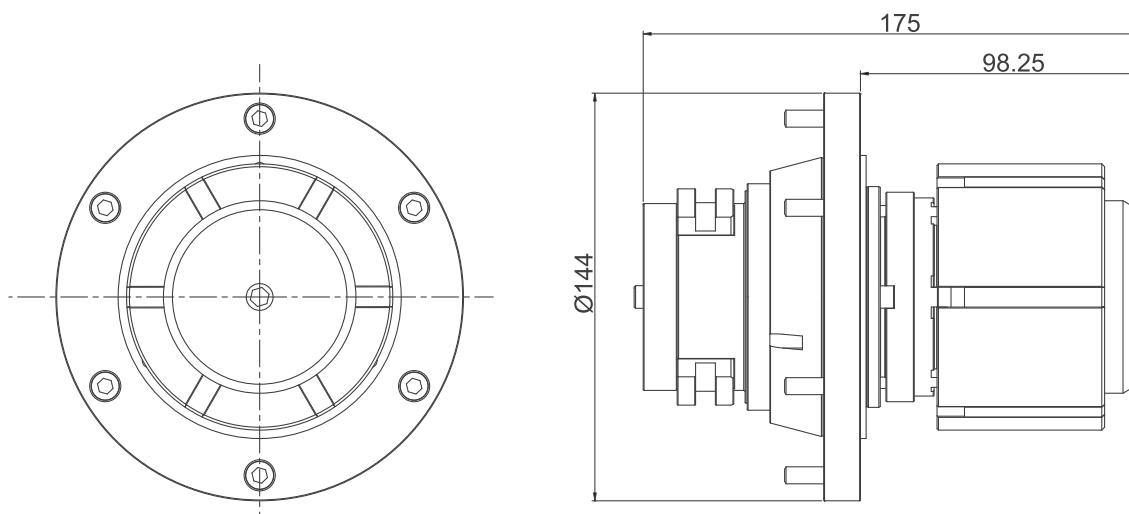
Stable and reliable performance: The excellent surface treatment technology ensures good precision retention and long life.



MAIN TECHNICAL PARAMETER

Product model	MDU-03-69/120
[mm] Clamping accuracy	≤0.01
[KN] Cylinder maximum permissible tension	30
[KN] Maximum clamping force	140
[rpm] Limit speed	5500
[mm] Inner hole diameter range of supporting workpiece	69-120

SIZE CHART



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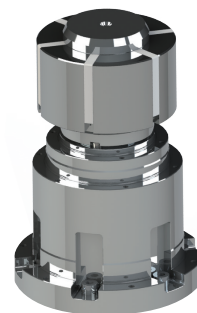
Product features & advantages

High rotation speed: The rotation speed is up to 5000rpm, effectively improving the surface quality of workpiece.

High precision: The precision of expanding inner hole of workpiece and repeated disassembly and clamping is less than 0.01mm.

Reliable clamping: Adopt the clamping method of one for clamping and one for fixing, with the minimum clamping length of 5mm.

Stable and reliable performance: The excellent surface treatment technology ensures good precision retention and long life.



MAIN TECHNICAL PARAMETER

Product model	MDU-04-69/120
[mm] Clamping accuracy	≤0.01
[KN] Cylinder maximum permissible tension	35
[KN] Maximum clamping force	150
[rpm] Limit speed	5000
[mm] Inner hole diameter range of supporting workpiece	69-120

SIZE CHART

