



DFC® Turbine on NiRo Collet chuck

Precise tool clamping and optimum chip removal for maximum productivity



On nesting machines and machining centres, insufficient chip and dust removal can affect production quality whilst also increasing the cleaning workload.

With the corrosion-resistant NiRo Collet chuck and the DFC® (Dust Flow Control) turbine, Leitz offers a high-performance system solution for nesting applications. The combination of superior clamping quality and efficient chip and dust removal ensures precise machining results, a clean machine environment and longer tool life by preventing double machining.

YOUR BENEFITS

- Less dust pollution
- Less cleaning effort
- Precise, flexible and safe tool clamping
- Easy handling

AT A GLANCE

- Collet chuck made from corrosion-resistant steel
- For CNC nesting systems and machining centres with HSK-F 63 and SK 30 adaptors
- DFC® Turbine made from aluminium with a wear-resistant hard-coating
- For shank diameters 6-25.4 mm
- Height-adjustable
- Can be used up to 24,000 U/min



Up to 90 %

■ DUST COLLECTION

2-fold

■ HIGHER HOLDING FORCES
WITH COMPARABLE
TIGHTENING TORQUE
(80 NM)

-100 %

■ CORROSION DUE TO USE
OF STAINLESS STEEL
AND COATED ALUMINIUM

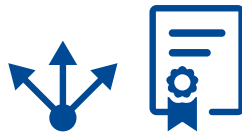
Your benefits due to ...



EFFICIENCY & PRODUCTIVITY

Optimal removal of dust and chips

- Significantly lower dust load and considerably less cleaning effort due to increased extraction effect
- Longer tool life due to less double cutting
- Chips are drawn towards the extraction unit and only need to be removed



FLEXIBILITY & QUALITY

Versatile and safe

- Suitable for various shank diameters from 6 to 25.4 mm
- Two adjustment levels for machining different plate thicknesses
- Maximum clamping forces and concentricity thanks to a high-precision chuck

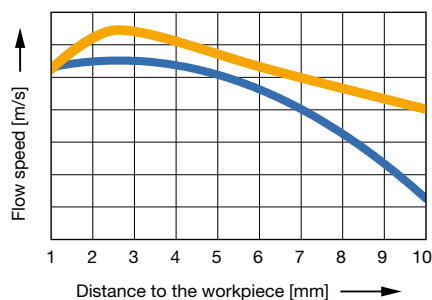


SUSTAINABILITY

A benefit for users and the environment

- Reduced dust exposure for people, machines and the environment
- Long tool life due to the use of corrosion-resistant steel and coated aluminium
- Less energy required due to the generated air flow that transports the chips towards the extraction system

Flow speed depending on the
distance to the workpiece



- Standard turbine
- Leitz DFC® Turbine

DFC® Turbine on
NiRo Collet chuck:
durable, flexible
and clean!

