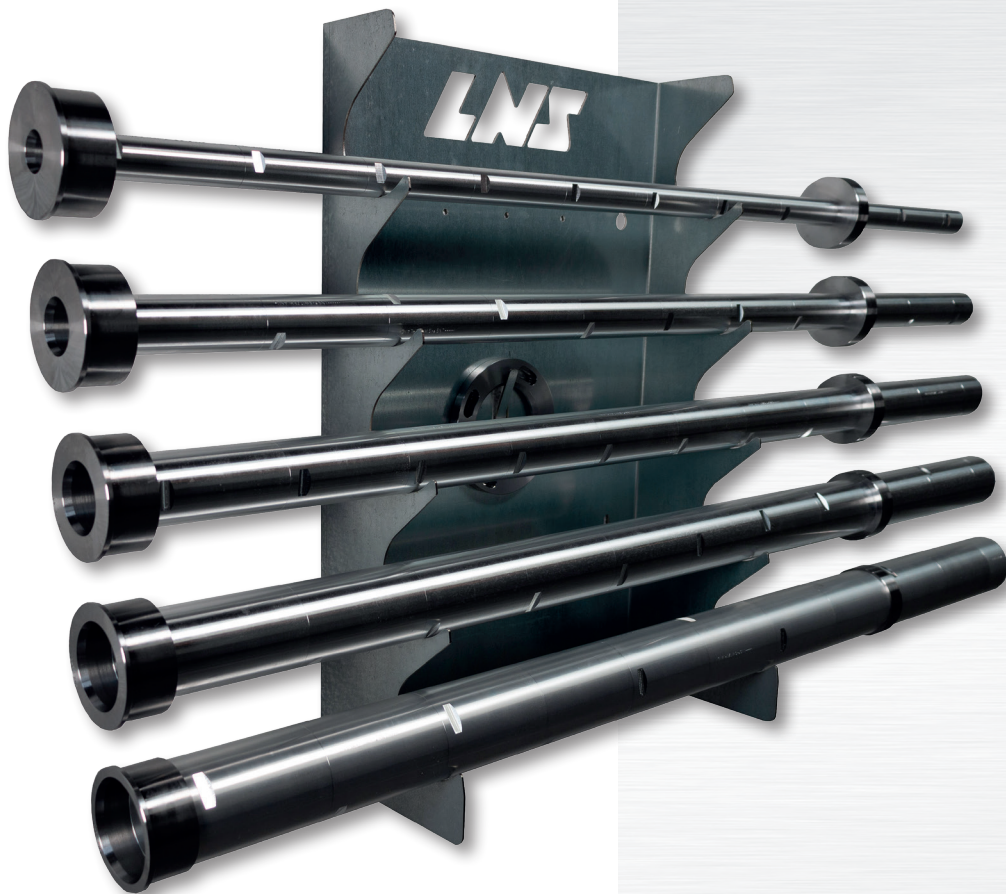




## SPINDLE LINERS

MODULAR SPINDLE LINERS FOR FIXED HEADSTOCK LATHES



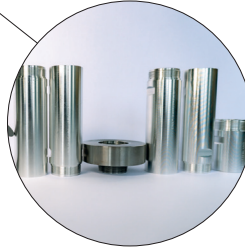
YOUR ONE-STOP-SHOP  
FOR MACHINE-TOOL PERIPHERALS

YOUR ONE-STOP-SHOP FOR  
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LNS provides a full range of bar feeders, chip conveyors, coolant management systems and air filtration systems which is second to none on the market. We are recognized for our decades-long expertise in diverse applications, customer service, and technical support. This support is provided by qualified technicians strategically located throughout Europe.

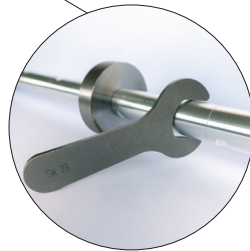


An essential partner for all bar feeding systems, our spindle liners range also enhance guidance and ensure high rotational speeds.



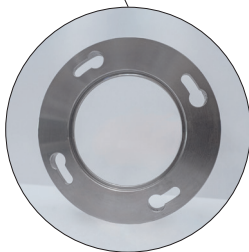
## PRODUCTIVITY

Spindle liners reduce vibrations and contribute to increased production through optimal cutting speeds. This results in extended tool life as well as a noticeable improvement in machined parts and surfaces.



## EASY TO USE

LNS spindle liner kits consist of only three different parts: a flange, bushings, and threaded tubes. This simplifies the assembly and disassembly of the spindle liner, making it user-friendly. The kit also includes the key needed for assembling the liner.



## DESIGN

Thanks to its detachable and custom-made mounting flange, spindle liners seamlessly adapt to the lathe. The bayonet-type fixing system of the flange allows for quick installation of the liners, with or without retraction of the bar feeder.

LNS ensures the best guidance in the lathe spindle by offering spindle liner sets for all bar diameters. Our components are precision-machined, guaranteeing unmatched quality. The machining precision plays a crucial role in maintaining tolerances, especially concerning concentricity. Four categories are available:

- For spindles up to  $\varnothing$  55 mm
- For spindles up to  $\varnothing$  72 mm
- For spindles up to  $\varnothing$  85 mm
- For spindles up to  $\varnothing$  105 mm



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