

SPINDLE LINERS

UNILÖCK ACCESSORIES AND SPARE PARTS

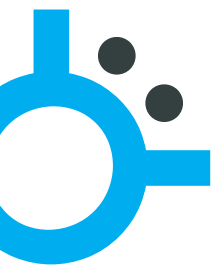


SPINDLE LINERS - VIBRATION DAMPENING FOR C.N.C. LATHES

10

UNILÖCK
clamping solutions

THE ACCURACY OF MECHANICS,
THE HUMAN TOUCH.



SPINDLE LINERS VIBRATION DAMPENING FOR C.N.C. LATHES



The **anti-vibration dampening** effect is due to the spindle liner being manufactured from engineered polyurethane.

Vibration and bar oscillation generated by machining processes are absorbed and noise is drastically decreased. Production costs are greatly reduced due to the ability of running with higher bar RPM, cutting cycle times.

ACCESSORIES AND SPARE PARTS FOR AUTOMATIC BAR LOADER:

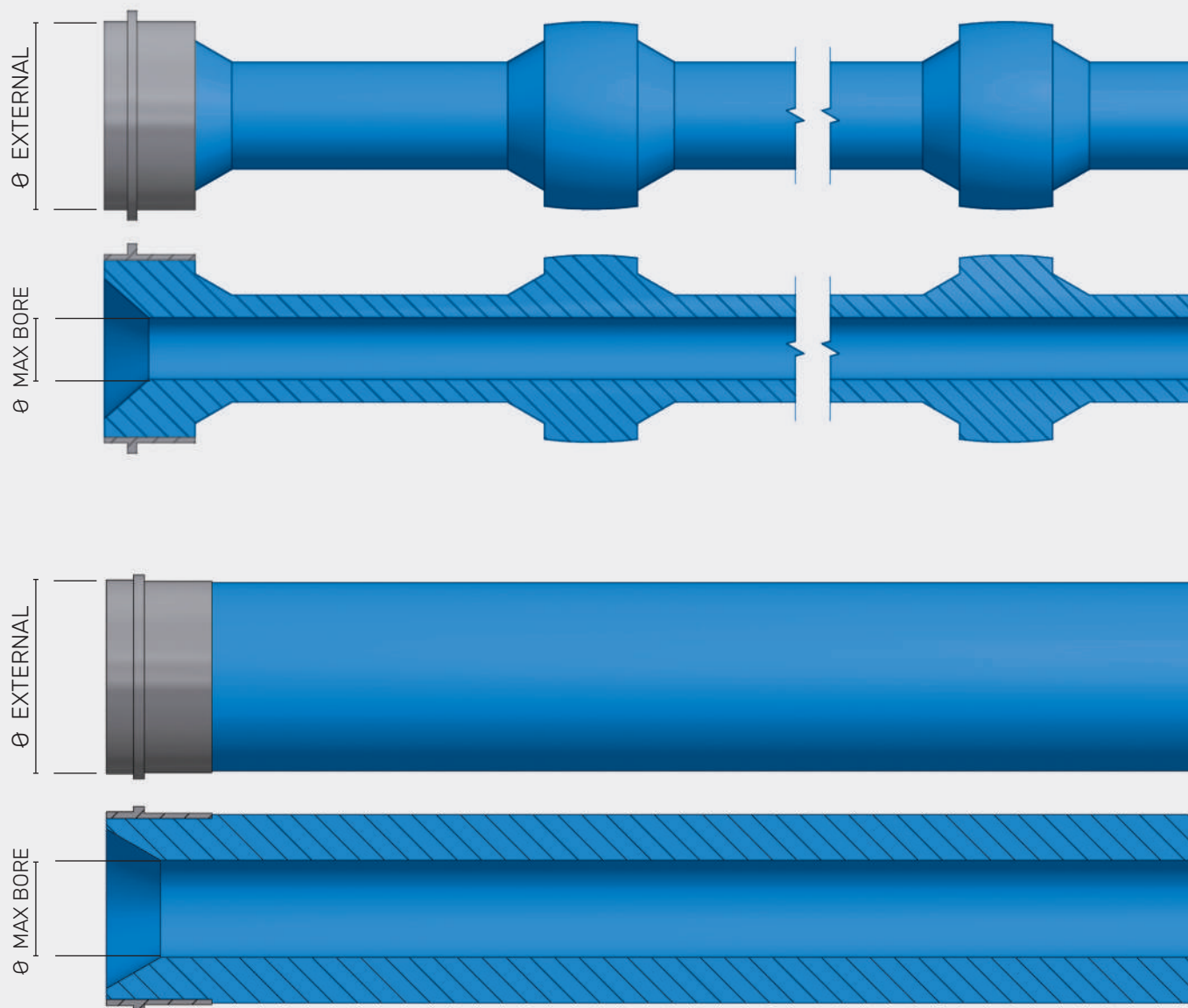
- Bushes for bar loaders
- Guide channel
- Spindle liners - vibration dampening
- Bar loader collets

**STANDARD AND SPECIAL VERSIONS
FOR ALL C.N.C. LATHES
WITH OR WITHOUT BAR FEEDER**

ADVANTAGES

- Greatly reduces bar vibrations
- Noise reduction
- Allows a high number of bar revs. during machining
- Quick installation and changeover
- Spindle liner design ensures quick delivery for standard and bespoke versions

SPINDLE LINERS - VIBRATION DAMPENING FOR C.N.C. LATHES

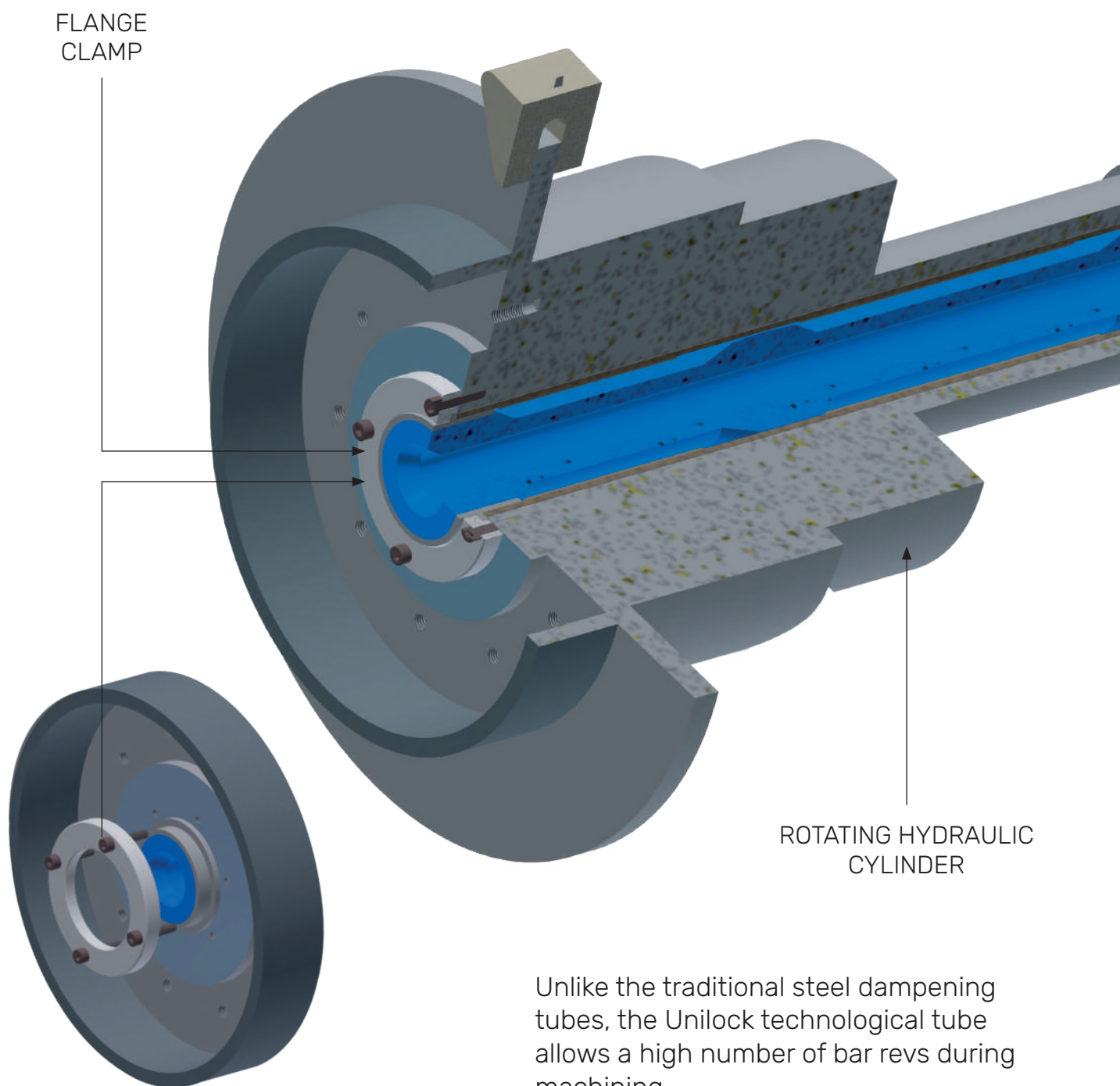


ITEM N.	TT 45	TT 50	TT 52	TT 60	TT 61	TT 65	TT 66	TT 67	TT 72	TT 80	TT 90	TT 103
ø EXTERNAL	45	50	52	60	61	65	66	67	72	80	90	103
LENGTH	from 600 mm to 1000 mm											
ø MAX BORE	39	44	46	54	55	59	60	61	66	74	84	97

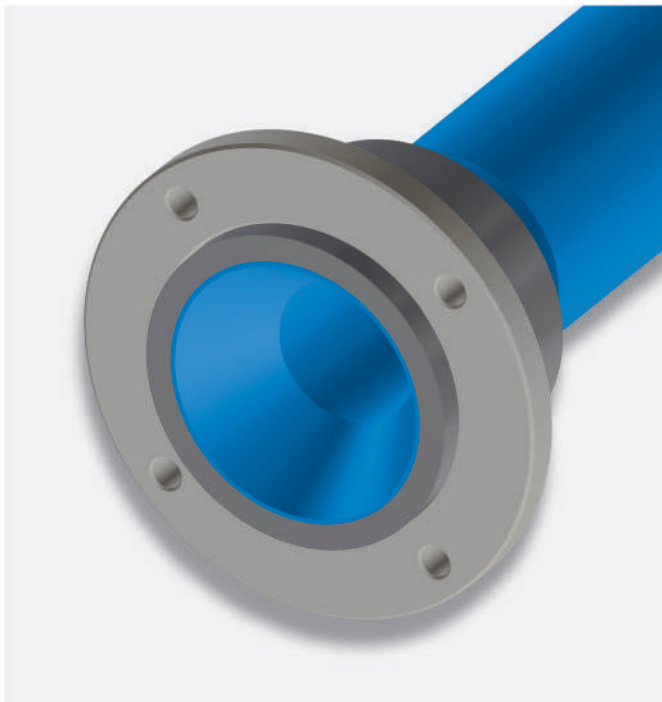
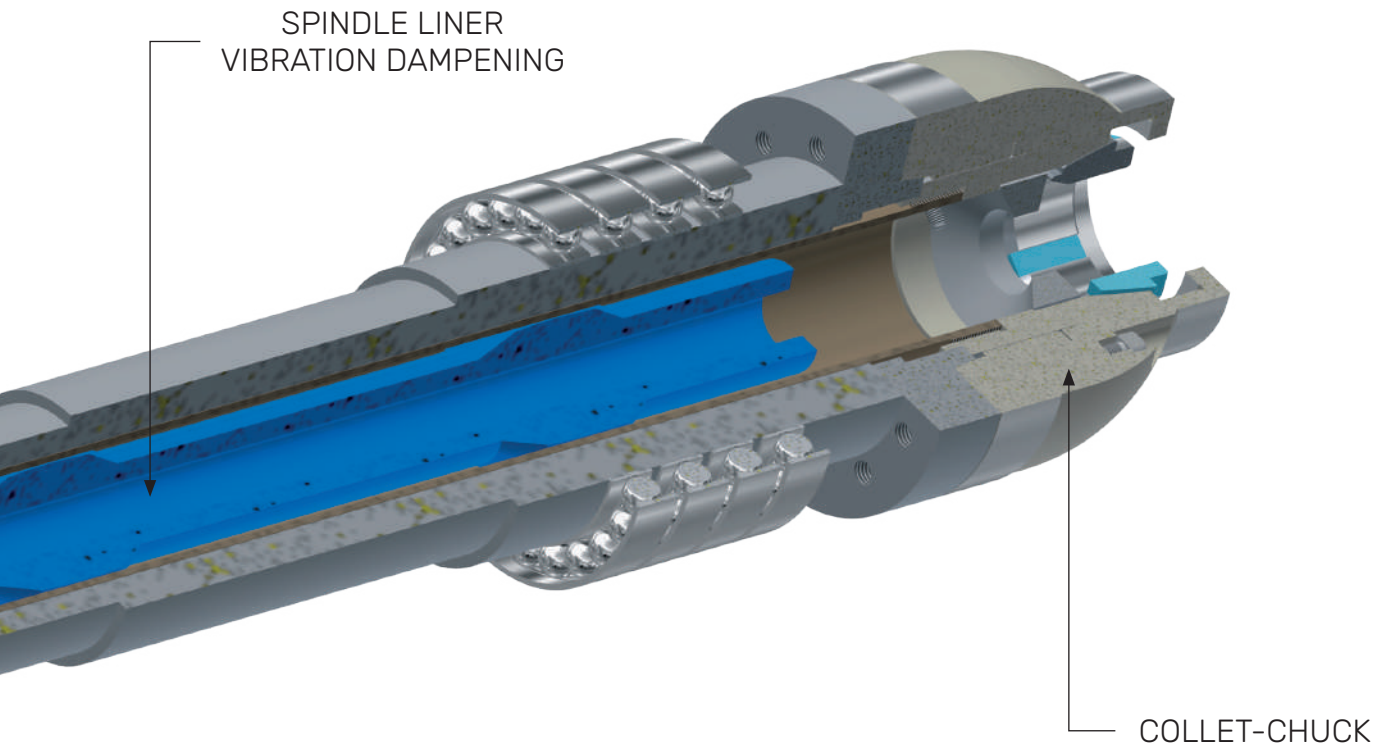
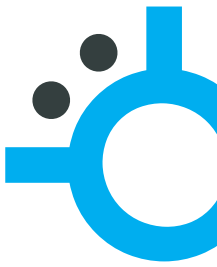
Other measurements available on request.



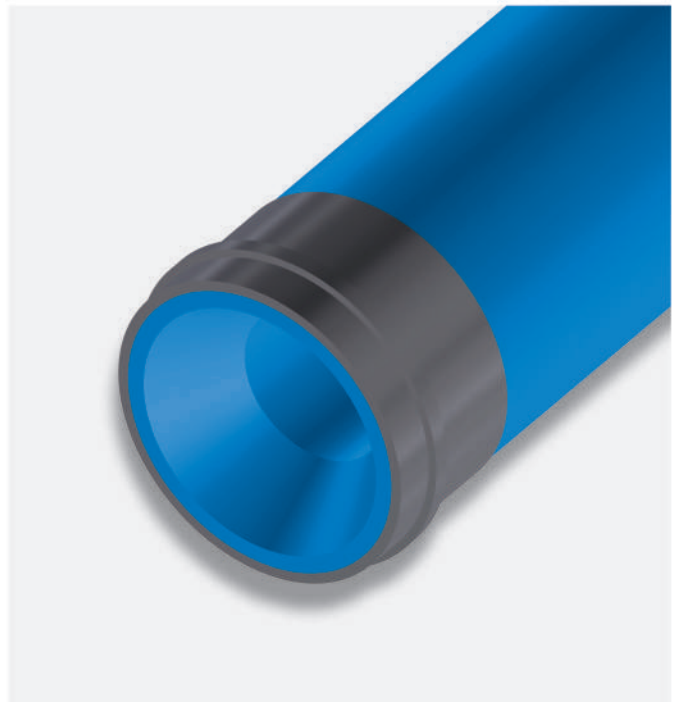
SPINDLE LINERS VIBRATION DAMPENING FOR C.N.C. LATHES



Unlike the traditional steel dampening tubes, the Unilock technological tube allows a high number of bar revs during machining.



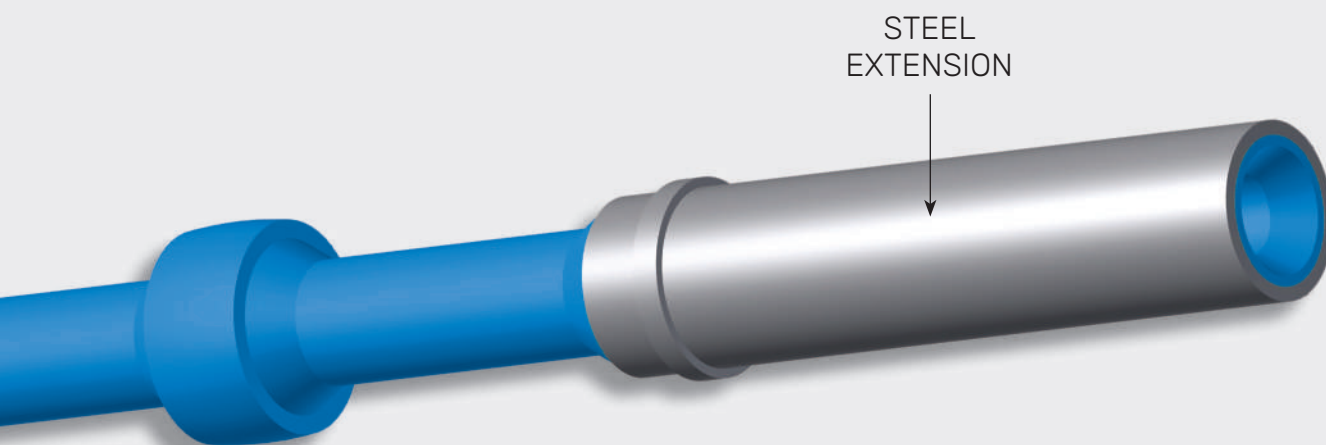
FLANGE detail for clamping tube to the collet-chuck.



Steel insert detail.

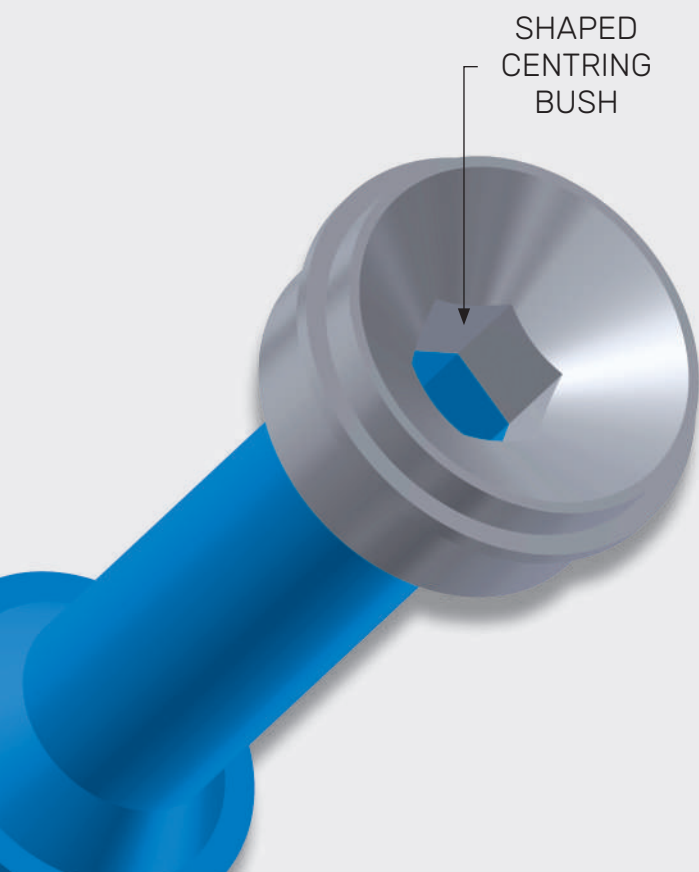


SPINDLE LINERS FOR BAR FEEDER OR SHORT LOADER



STEEL
EXTENSION

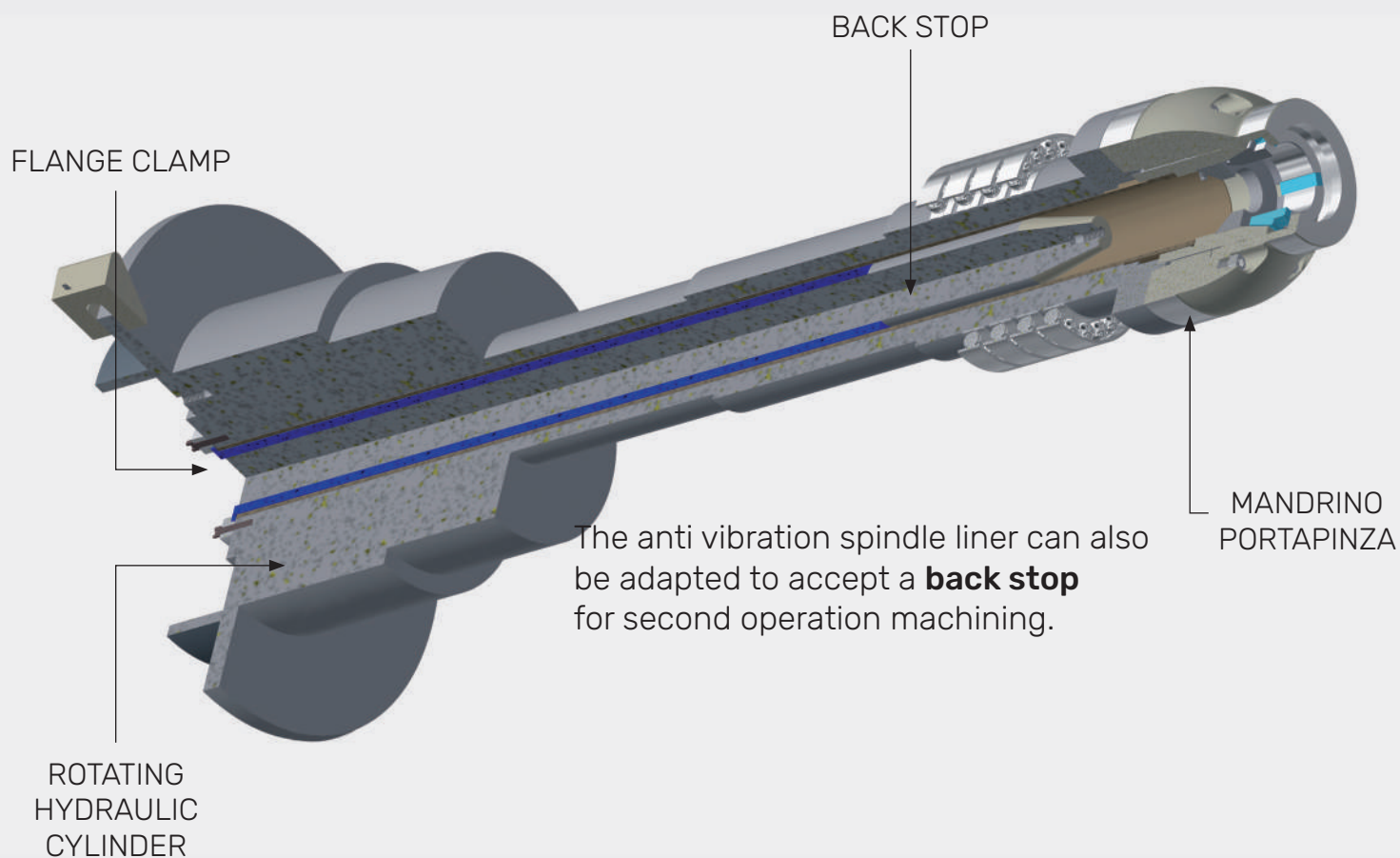
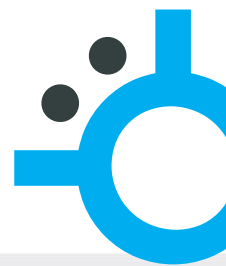
When bar feeders or short loaders are used, the spindle liner can be manufactured with a **steel extension** to connect the lathe with the feeder/loader system.



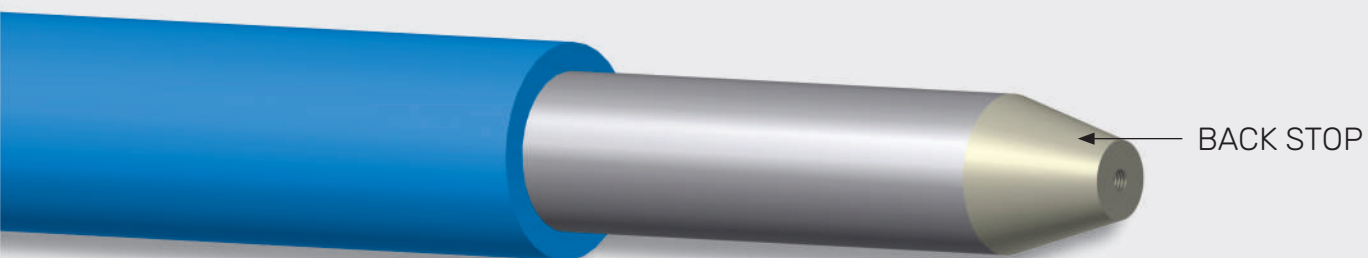
SHAPED
CENTRING
BUSH

A **shaped centring bush** (for hexagonal, square or extrusion/profiled bars) can be used in the rear of the spindle liner which ensures correct alignment with the closing collet.

SPINDLE LINERS BACK STOP

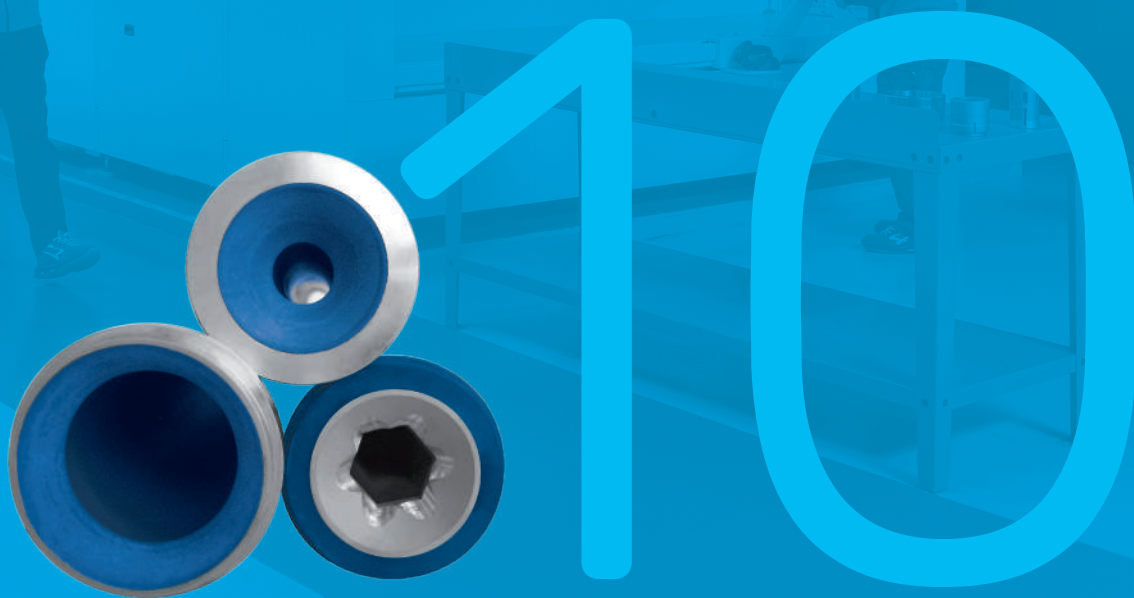


The anti vibration spindle liner can also be adapted to accept a **back stop** for second operation machining.



clamping solutions

2021 edition



w w w . u n i l o c k . i t

UNILÖCK
clamping solutions

UNILOCK SAS

📍 Viale Edison, 56
20090 Trezzano S/N (MI) • Italy
☎ (+39) 02 48401499
✉ info@unilock.it
🌐 www.unilock.it