

NEW

THE SYNCHRO-LINE SYSTEM

Used on NC machines and high tech machining centers the system synchro-line offers key benefits to end users. Best combination between machining center, tapping chuck and tapping tool.

The minimum length compensation between synchronous spindle and tap is comparable to a rigid application and ensures a **high concentricity, high cutting speed and as well as considerable reduction of torque and wear of the taps**. As a result of this fact we achieve **higher tool life of 30-50%, optimal machining time and high process safety**.

--> Productivity --> Efficiency --> Cost Reduction --> Competitive Edge



Your advantages:

- > higher tool life
- > short machining time
- > reduced wear of taps
- > high thread quality

Neoboss – Range of Products:

- > **synchro-line tapping chucks**
 - SK40 / HSK-A63 and also with cylindrical shank
- > **synchro-line tapping tools – TIN coated**
 - for through holes
 - for blind holes
 - made of **PM** (powder metal) and with **h6** high precision shank
 - as well suitable for any shrinking chucks

Neoboss synchro-line – tapping chucks and machine taps

Applications and operating conditions

The synchro-line chucks are suitable for every kind of synchronized NC machine and machining center. The maximum cutting speed will be conditioned by spindle drive. We achieve best compensation of pitch differences between threading tool and synchronous spindle especially at high cutting speed.

Neoboss synchro-line tapping chucks can be used without sealing washer also with inner cooling (up to 80 bar) and minimal quantity lubrication (MQL).

synchro-line accessories:

Clamping nut and self-sealing tapping collet with internal square.



synchro-line premium machine taps assure best results in process. **But anyway – every kind of standard tap (h9-shank) can be used in combination with Neoboss synchro-line chucks also.**



You may find detailed product range and accessories by separate information sheet – or take the easy way and send your inquiry to our sales team:

E-Mail: sales@neoboss.de



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