

Product



No. 1 Position

- ✓ **The best-selling wedge bar manual lathe chuck is even better now**

Product features

Unique Selling Points:

- ✓ Jaw monitoring of all 3 jaws
- ✓ Modular center sleeve system
- ✓ Easy retrofitting onto a manual expansion arbor
- ✓ Ergonomic safety actuation key
- ✓ Spindle with hexagon connection
- ✓ Suitable for chuck quick-change via NSL-Turn

Further product features:

- ✓ Revised center lubrication system
- ✓ Improved efficiency of the wedge bar system
- ✓ Optimum quick jaw change repeatability
- ✓ High operating safety
- ✓ Large through-hole
- ✓ Indicating pin is radially arranged

Market and Competitors

Key Competitors

- ✓ SMW-Autoblok HG-F
- ✓ RÖHM Duro T
- ✓ Forkardt F+

Advantages towards competitors:

- ✓ Modular center sleeve system
- ✓ Manual expansion arbor on option
- ✓ Optimized lubrication system
- ✓ Jaw monitoring of all 3 jaws
- ✓ Standard safety actuation key

Cost Effectiveness / Customer Benefits

- ✓ Shorter set-up times
- ✓ Absolutely process reliable
- ✓ Optically visible safety monitoring
- ✓ Permanently high clamping forces are ensured
- ✓ Flexible clamping of small and large workpieces
- ✓ High-precision clamping of smallest clamping diameters
- ✓ Optimum adjustment to new clamping tasks
- ✓ Compatible to chuck quick-change system NSL-Turn

Questions about the product? Your contact person is A. Holstein (+49 -7572 – 7614 - 1037)

Technical Data / Functions

Technical Data:

- ✓ Sizes: 165 – 315
- ✓ Clamping force: up to 180 kN*
- ✓ Speed: up to 5400 rpm*
- ✓ Stroke per jaw: up to 9.9 mm*

(*depending on the chuck size)

Complementary products:

- ✓ ROTA-S plus (old)
- ✓ Expansion arbors from Hainbuch

Industries and Applications

The ROTA-S plus 2.0 particularly convinces in the following industries:

- ✓ in every industry, with mechanical production
- ✓ where manual inspection tasks have to be carried out precisely

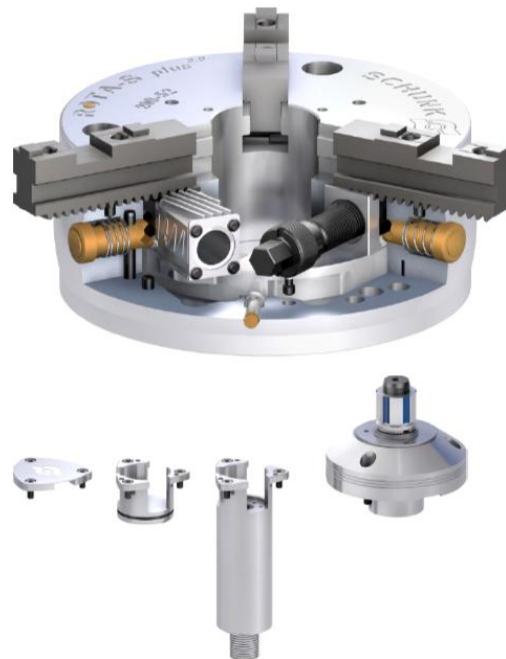
Applications

- ✓ Multi-purpose on every conventional lathe
- ✓ Used as a stationary clamping device on milling/turning machines
- ✓ For single item and prototype production
- ✓ In the training and repairs department
- ✓ Wherever highest precision at high flexibility, and a great range of parts and variants are required.

Additional Information

Bezeichnung	Durchgangsbohrung	Durchgangsbohrung max.	Drehzahl max.	Hub/Backe	Spannkraft max.	Betätigungsmoment
ROTA S plus ^{2.0} 160	42.0mm	45.0mm	5400 1/min	6.5mm	65kN	80Nm
- max. Drehzahl um 200 1/min erhöht						
- Hub 6.5mm wird auch rechnerisch erreicht						
- max. Spannkraft auf 65kN erhöht, bei Erhöhung von Betätigungsmoment auf 80Nm						
ROTA S plus ^{2.0} 200	52.0mm	55.0mm	4800 1/min	7.0mm	100kN	120Nm
- max. Drehzahl um 200 1/min erhöht						
- Hub auf 7mm erhöht						
- max. Spannkraft auf 100kN erhöht, bei Erhöhung von Betätigungsmoment auf 120Nm						
ROTA S plus ^{2.0} 250	62.0mm	75.0mm	4200 1/min	7.7mm	160kN	210Nm
- max. Drehzahl um 200 1/min erhöht						
- Hub auf 7.7mm erhöht						
- Betätigungsmoment auf 210Nm erhöht, um Spannkraft zu erreichen						
ROTA S plus ^{2.0} 315	92.0mm	102.0mm	3500 1/min	9.9mm	200kN	220Nm
- max. Drehzahl um 200 1/min erhöht						
- Hub auf 9.9mm erhöht						
- max. Spannkraft auf 180kN erhöht, bei Erhöhung von Betätigungsmoment auf 210Nm						

Cross Section



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