



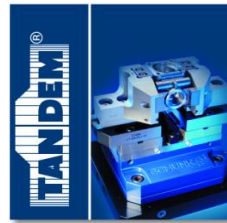
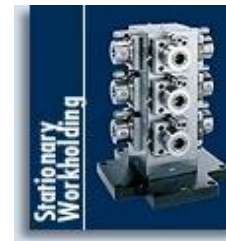
ROTA-S plus 2.0

Clamping Chucks manual operated

Superior Clamping and Gripping



ROTA-S plus 2.0



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ROTA-S plus 2.0

ROTA-S 2.0 plus for stationary applications

The manual operated chucks with jaw quick-change system ROTA-S plus 2.0 (angled serrated base jaws) ensure optimum results in workpiece clamping, especially on cycle-controlled lathes. The wedge bar actuation system ensures high precision, run-out and repeat accuracy as well as the highest clamping forces.

ROTA-S plus 2.0

Your advantages	Your benefits
Jaw quick-change system	Reducing set-up times and costs
Large through-hole	Enables machining of large raw material diameters
High efficiency of the wedge bar system	Safe clamping due to high clamping forces
Optimum quick jaw change repeatability	No reboring of already machined jaws necessary
Base jaws (type SFG) are compatible to system „F“ (Forkardt)	High flexibility and cost savings
Extremely rigid chuck body	Guarantees high accuracy during highest clamping forces and radial loads

ROTA-S plus 2.0

Your advantages	Your benefits
Very easy handling	User friendly
High operating safety due to multiple safety features	Minimizes errors due to optical safety features
Excellent value price-performance-ratio	Optimum use of the clamping chuck
All sides of the functioning parts are ground and hardened	High T.I.R. and repeatability accuracy
Incl. base plate	Simple and quick assembly

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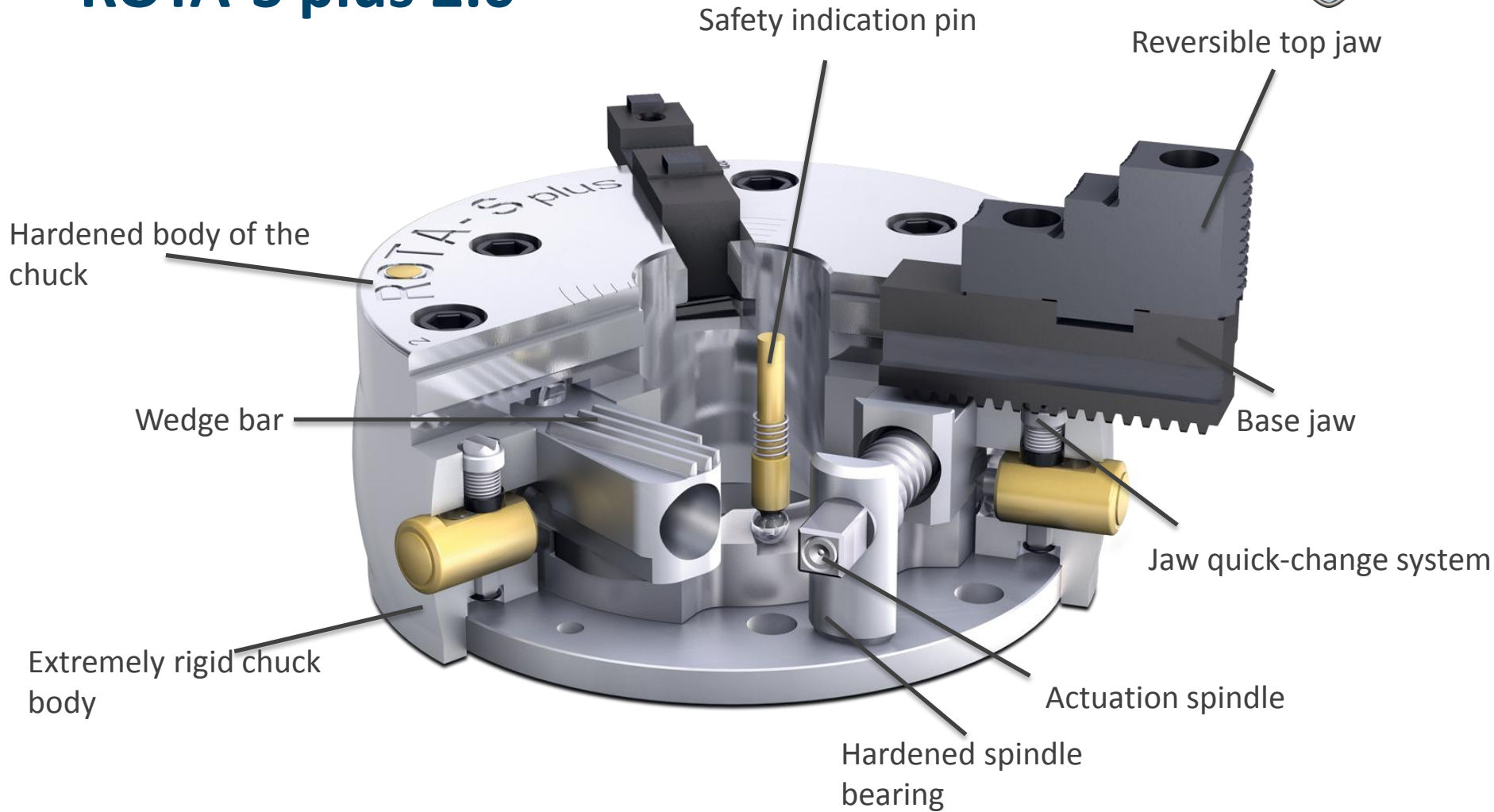
	max. Drehmoment <i>max. Torque</i> [Nm]	max. Spannkraft <i>max. clamping force</i> [kN]	max. Drehzahl <i>max. RPM</i> [min ⁻¹]	Hub / Backe <i>Stroke / Jaw</i> [mm]	Futterbohrung <i>Through-hole</i> [mm]	max. Vergrößerung der Futterbohrung <i>max. enlargement of the through-hole</i> [mm]
ROTA-S plus 2.0 160	80	65	5.400	6.5	42	45
ROTA-S plus 2.0 200	120	100	4.800	7	52	55
ROTA-S plus 2.0 250	210	160	4.200	7.7	62	75
ROTA-S plus 2.0 315	220	180	3.400	9.9	92	102
ROTA-S plus 400	280	230	2.200	12	102	130
ROTA-S plus 500	320	270	1.500	12	162	180
ROTA-S plus 630	350	270	1.000	15	252	270
ROTA-S plus 800	350	270	1.000	15	252	270

ROTA-S plus 2.0

Technology

By turning the actuation spindle clockwise, the base jaws are moved inwards since the wedge bar engages in the serration and the clamping actuation for O. D.-clamping is initiated. By turning of the actuation spindle counter-clockwise, the base jaws are moved outwards and the clamping operation for I. D.-clamping is initiated. The jaw quick adjustment is carried out by pressing the control button.

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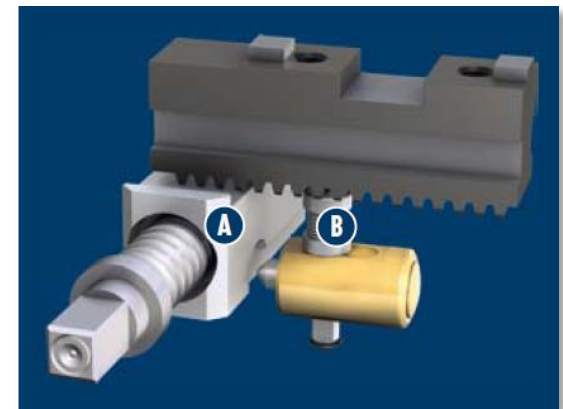
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Technical highlights

Optimum clamping force

The wedge bar system **A** – exceptional efficiency accounts for the high clamping forces.

The plunger pin **B** – positions the base jaw serration to the wedge bar serration which secures the base jaw from falling out when the chuck is in an unclamped position.



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Technical highlights

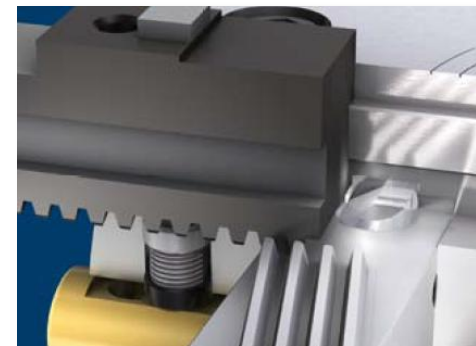
Angled serrated base jaws

SCHUNK type SFG. Interchangeable with SCHUNK ROTA NCWF power chucks, as well as with system „F“ and system „Duro“.



A lock bolt

that is mounted to the wedge bar prevents the base jaw from extending itself beyond the max. position which guarantees for full engagement between the base jaw serration and the wedge bar serration.



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Technical highlights

All sides of the functioning parts are ground and hardened

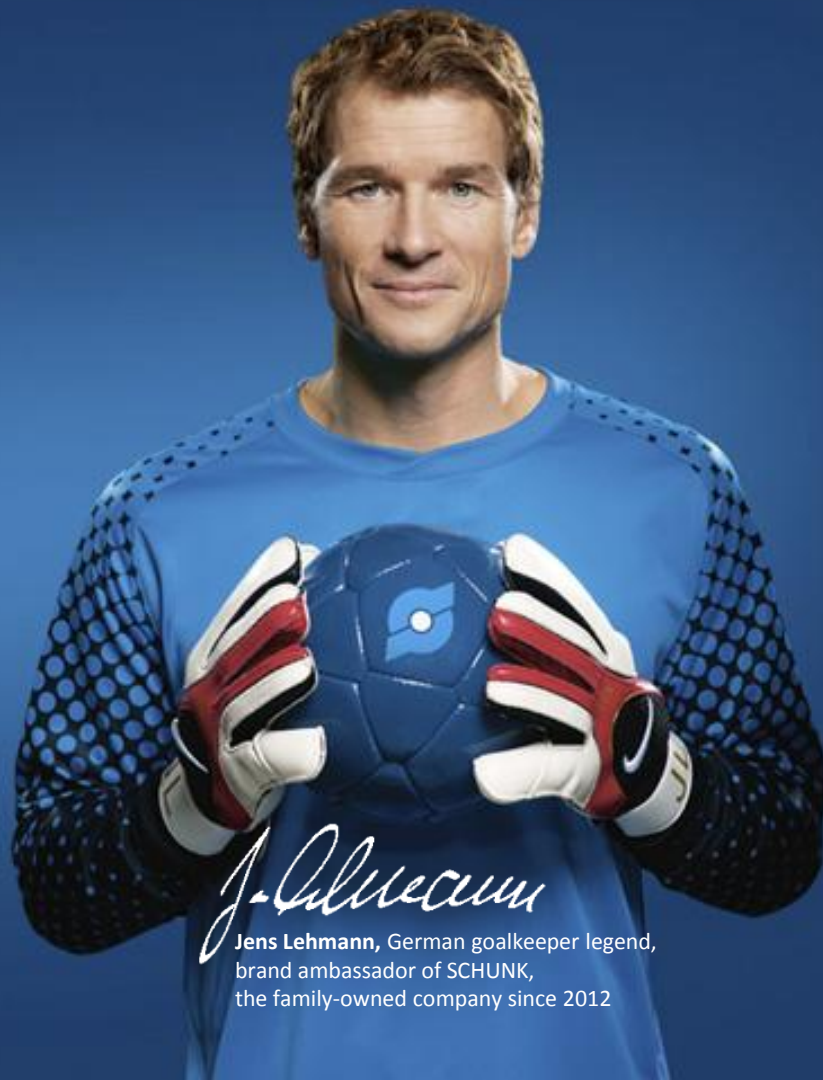
For high run-out and repeat accuracy. This increases the wear resistance which extends the life and maintains the accuracy.

In the wedge bar driven system

the actuation key and the ground spindle translates a movement to the drive ring, which in turn translates it to a sliding stone, onto the wedge bar and finally to the base jaw. The force that results from this transferred movement accounts for the precise and secure clamping of the part.



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J. Lehmann

Jens Lehmann, German goalkeeper legend,
brand ambassador of SCHUNK,
the family-owned company since 2012



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