

Whatever the future demands ...

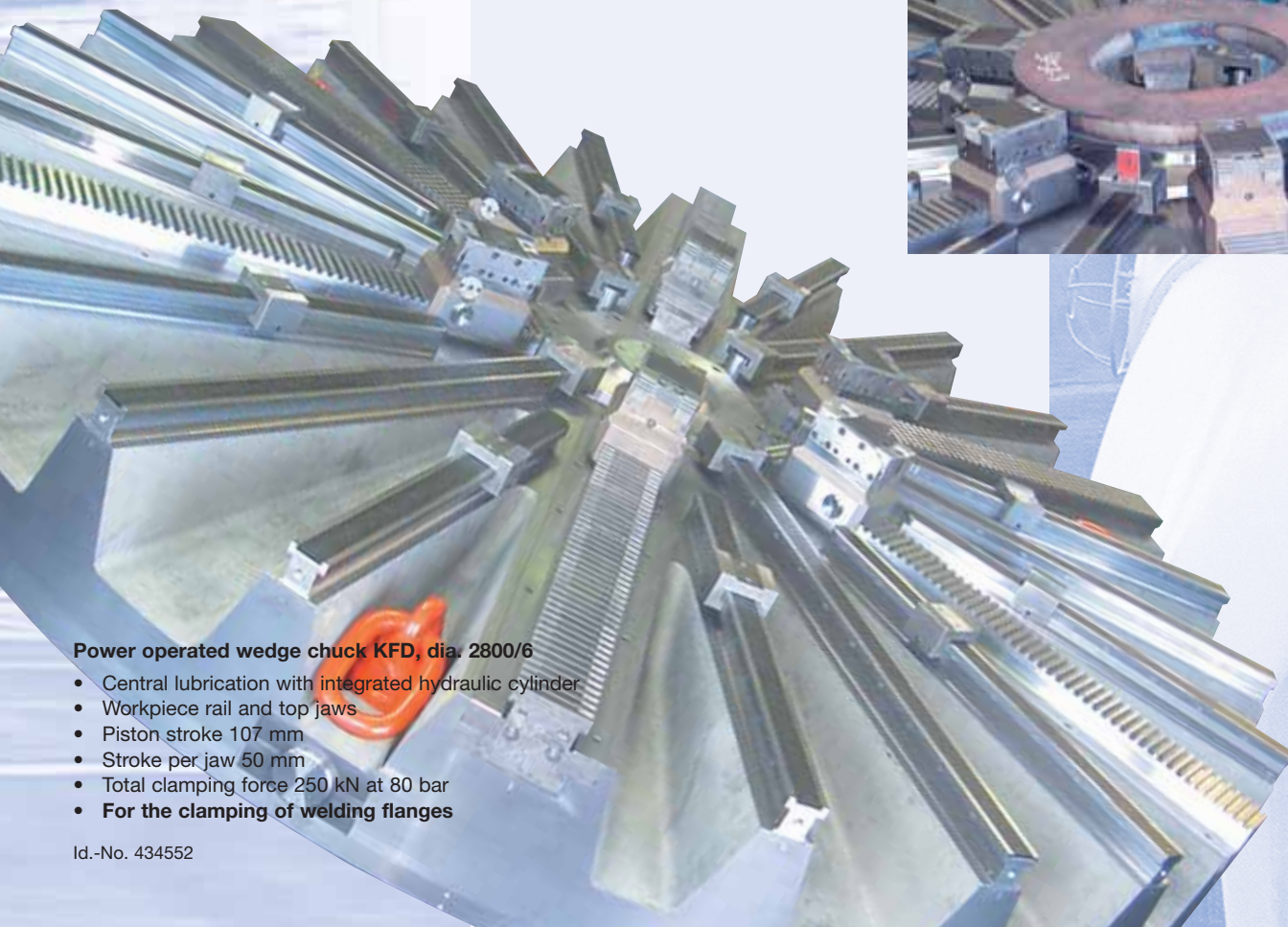
... we offer the appropriate solution



Multiple jaw chucks

with diameters up to 5500 mm

Wide variety of applications with highest precision
for the most modern power-producing units

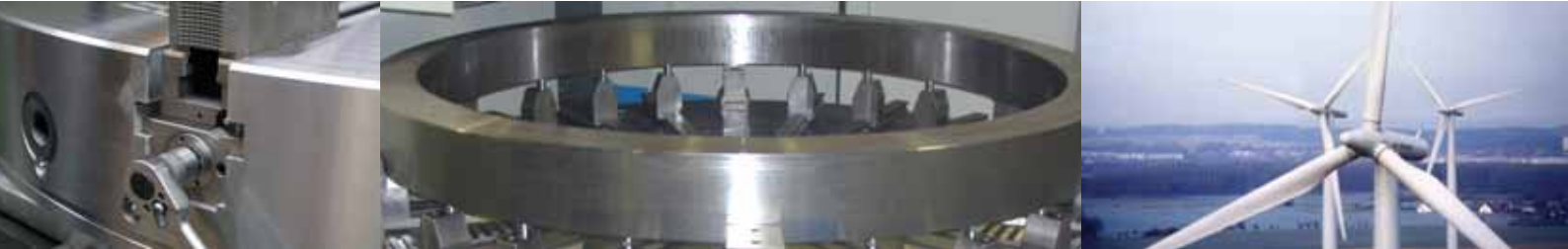


Power operated wedge chuck KFD, dia. 2800/6

- Central lubrication with integrated hydraulic cylinder
- Workpiece rail and top jaws
- Piston stroke 107 mm
- Stroke per jaw 50 mm
- Total clamping force 250 kN at 80 bar
- **For the clamping of welding flanges**

Flexibility is our strength ...

... we count to the worldwide
established chucking tool manufacturers



Röhm belongs to the worldwide leading suppliers of clamping solutions for the extraction of fossile and renewable energies. Considering the permanently raising energy demand modern clamping tools are needed by the petrochemical industries as well as the producer of wind power units.

Röhm produces both, manually or power operated chucks, in a diameter range up to 5500 mm to match this demand. Our fotos show a small selection of multiple jaw chucks like they are used to clamp large bearing rings and similar workpieces.

Key bar chuck DURO, dia. 1600/3 mm

- Cylindrical centre mount dia. 1500 mm
- Fixing grooves in the chuck body
- 9 grease nipples for manual lubrication
- Stroke per jaw: 14 mm
- Additional jaw adjustment: 15 mm
- Max. applicable tightening torque: 300 Nm
- Total clamping force: 240 kN
- Max. admiss. speed: 200 rpm
- Chuck weight: 8500 kg
- **For clamping of non-symmetric workpieces**

Id.-No. 432929



Enormous power, high precision ...

... we bring in our extended experiences
of high-tech machining

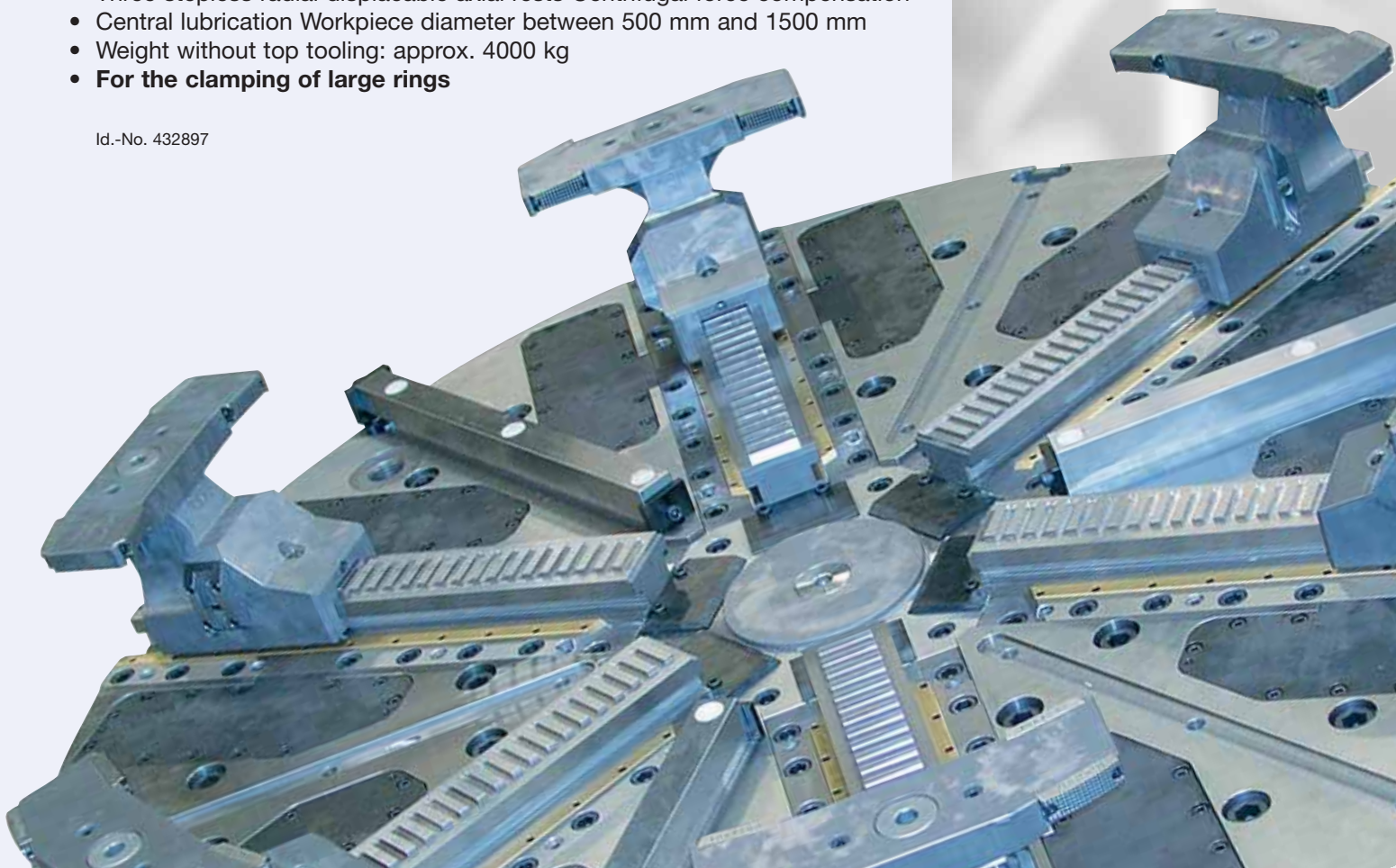


Many requirements have to be observed before succeeding in machining big workpieces. Important condition – possibly half the battle – will be using a modern, special designed and extraordinary suitable clamping tool like the

power operated six jaw lever chuck dia. 1600 mm

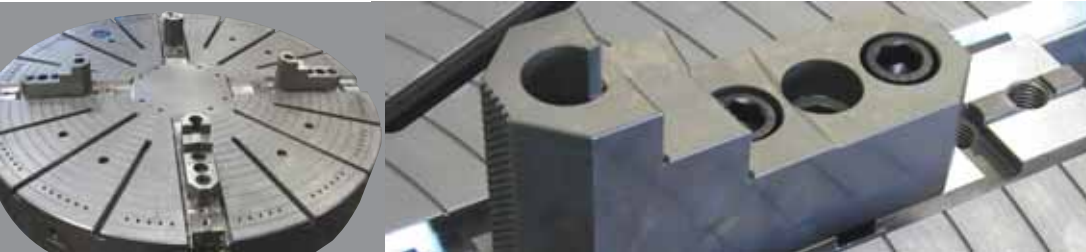
- Six jaws with additional fine adjustment, centrally or central-compensating. To clamp on machined or raw and unmachined workpiece diameters.
- Pendulum clamping inserts with two clamping areas each. Reversible from external to internal clamping
- Top jaws in the grid module of the flat toothed base jaws. Particularly quick radial adjustable with a manually operated bow to clamp or release the locking bar after or before shifting the jaws.
- Three stepless radial displacable axial rests Centrifugal force compensation
- Central lubrication Workpiece diameter between 500 mm and 1500 mm
- Weight without top tooling: approx. 4000 kg
- **For the clamping of large rings**

Id.-No. 432897



For growing expectations and their demands ...

... utilize our know-how



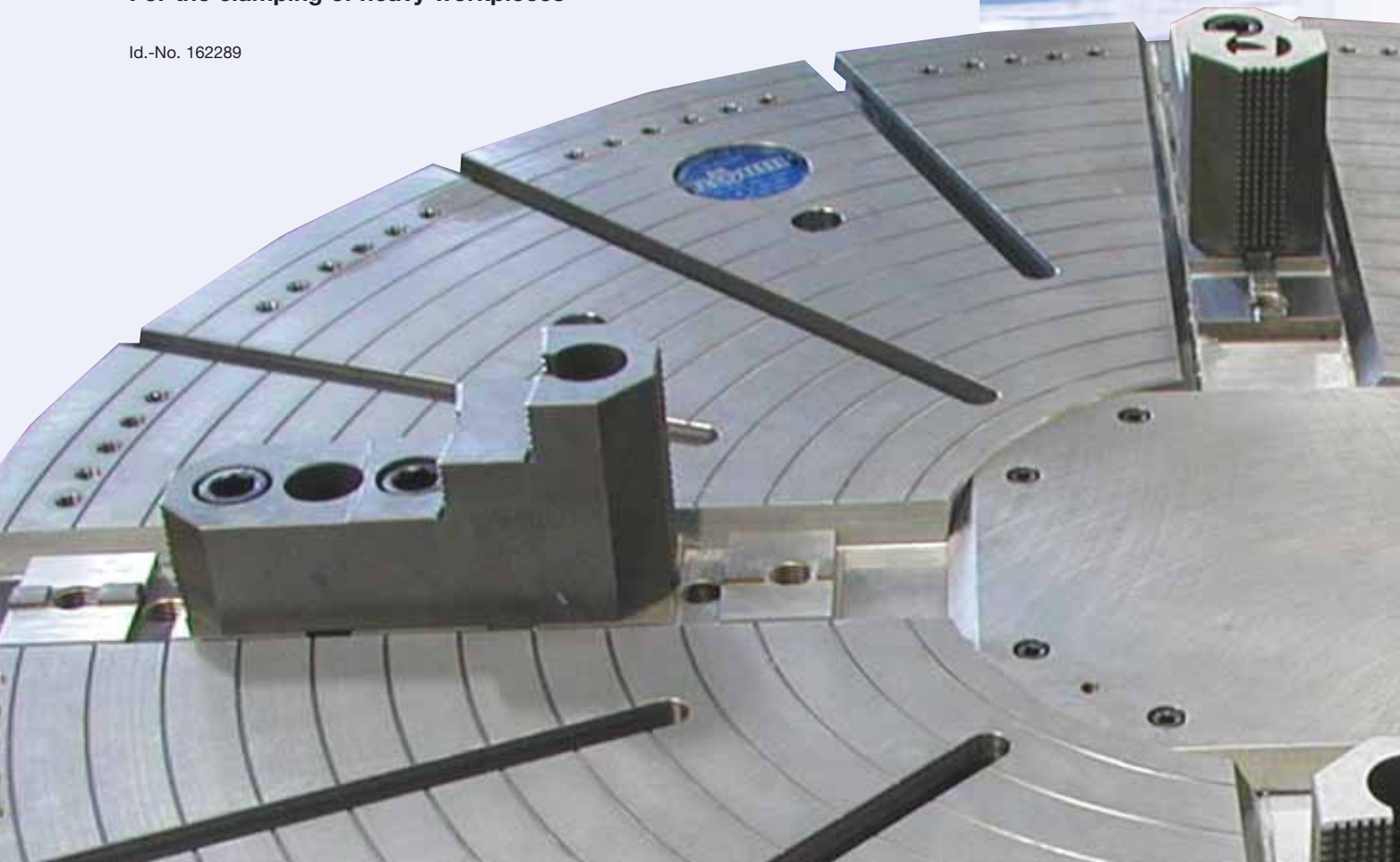
Basis of the reliable Röhm clamping technology will be the production philosophy which is certified for very good quality and high precision.

Röhm is very well equipped for the design and production of big clamping chucks. Best references are given for the efficient and economical production.

Independent chuck dia. 1200/4 mm

- For machining centres with covered through hole
- Total clamping force: 250 kN, Jaws individual adjustable
- For internal and external clamping
- Steel or cast iron body
- Mechanical or power spindle optionally
- **For the clamping of heavy workpieces**

Id.-No. 162289



Convincing concept ...

... highest level technology

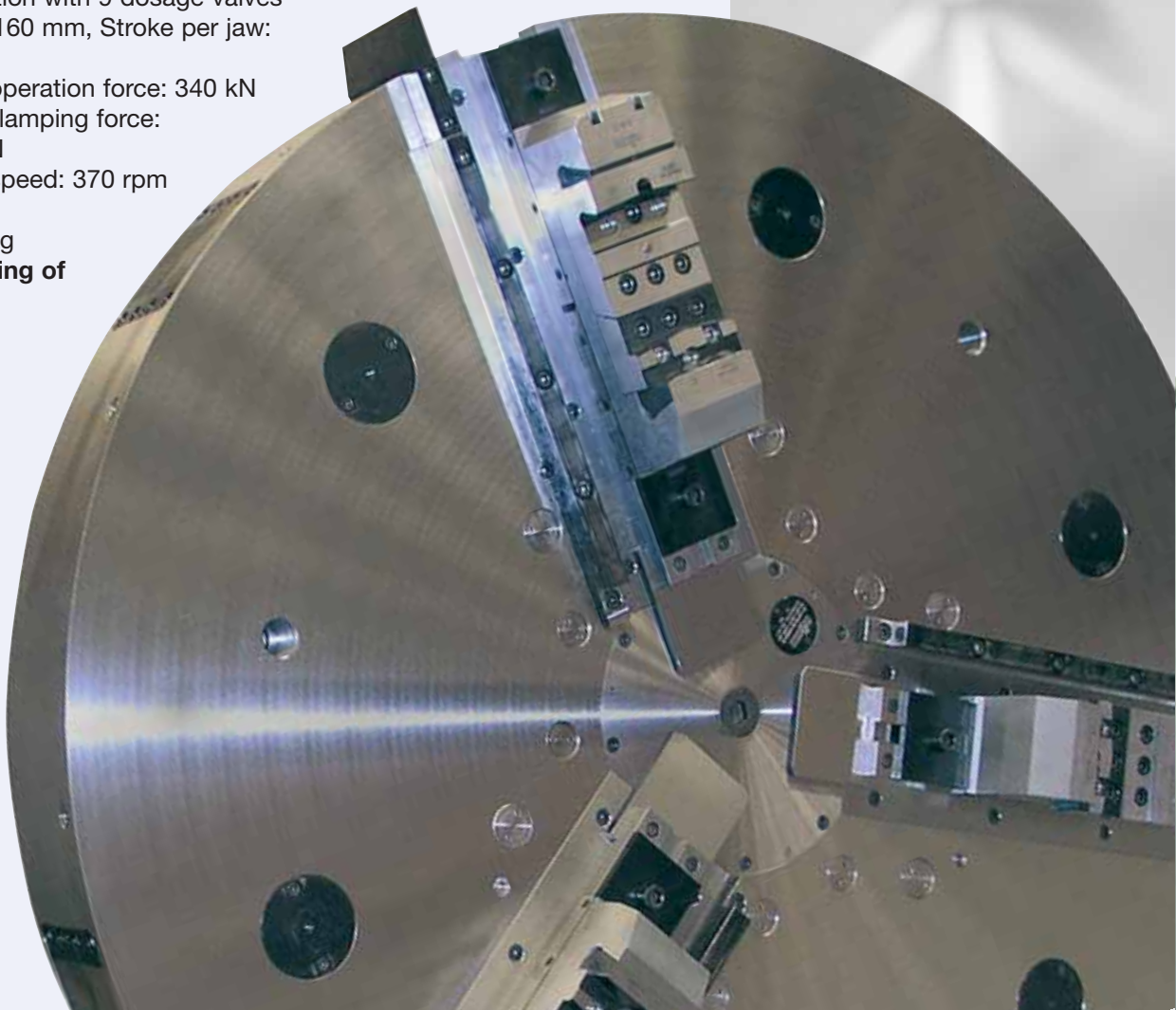


With intelligent clamping solutions RöhM enhances the productivity of the cutting production. Flexibility and rapidity clearly are the requirements. With the big chucks RöhM is realizing exactly what will be demanded for machining large workpieces, in example for the wind power units.

Angle lever chuck dia. 1400/3 mm

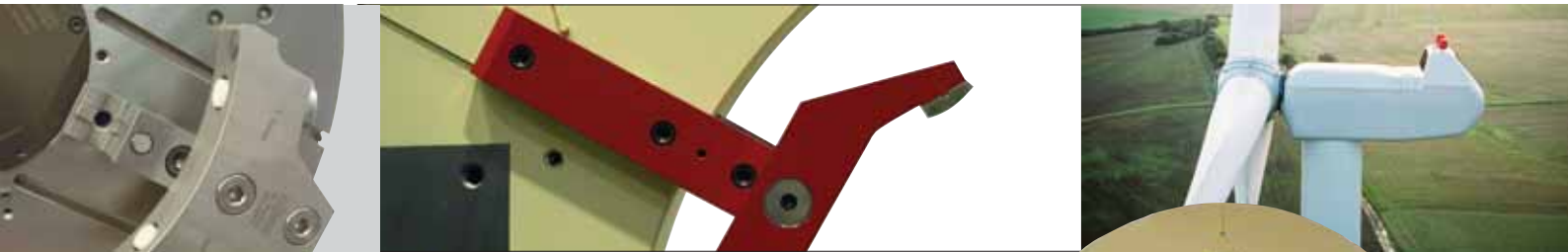
- Vertically standing operation position
- Three base jaws with air sensing connection and terminals for the top jaws
- Clamping cylindre directly mounted to the distributor tube
- Central lubrication with 9 dosage valves
- Piston stroke: 160 mm, Stroke per jaw: 92 mm
- Max. admiss. operation force: 340 kN
- Thereby total clamping force: approx. 300 kN
- Max. admiss. speed: 370 rpm
- Chuck weight: approx. 3000 kg
- **For the clamping of large wheels**

Id.-No. 433242



For tomorrows production ...

... strong chucks are making your machinings perfect

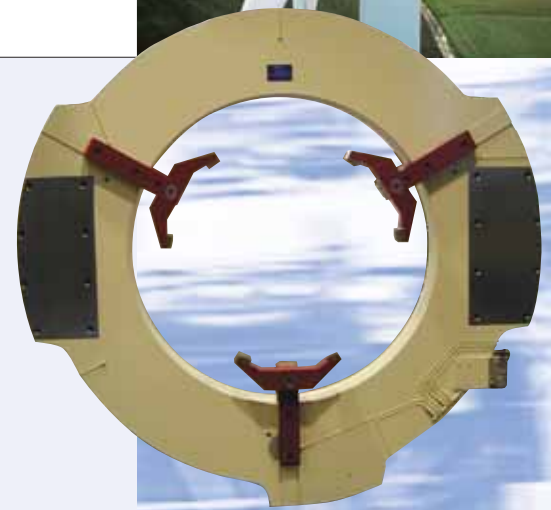


Since several generations for its innovative clamping products the Röhm company is respected by their customers. High efficiency and closeness to the business always have been and always will be in the spotlight. Röhm products are well-known for their long life expecting a high value and long usage time.

Three-jaw geared scroll chuck ZSU dia. 1000/3 mm with cylindrical centre mount dia. 150 mm

- Jaw stroke limiter inside and outside
- Total clamping force: approx. 95 kN (at torque input 320 Nm)
- **For the clamping of big housings**

Id.-No. 164413



Turning chuck ZSU dia. 2600/3 mm

- Through hole diameter 1500 mm
- Operated by hydraulic motor
- Central lubrication, air blocking
- Total clamping force 90 kN
- **For the clamping i. e. of concrete tubes**

Id.-No. 161218

