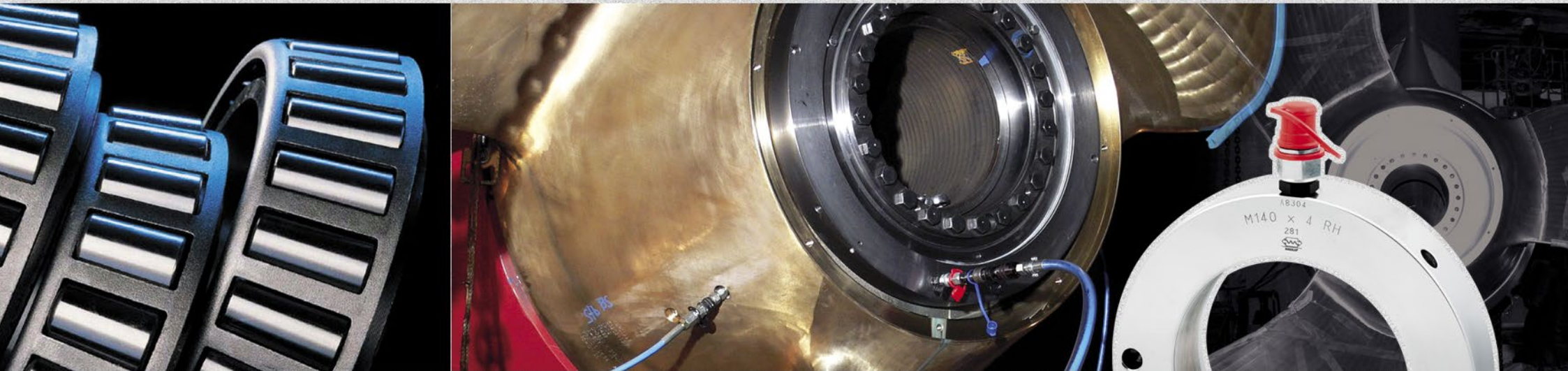


Leading joining technology

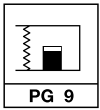


# A 55-Series

The Hydraulic Nut for mounting and dismantling roller bearings and oil-pressure mountings



**A 55 Series** – one  
with many versions.



# A 55-Series

## Hydraulic Nuts

Several hydraulic connections (axial and radial) for optimum handling, even in the tightest space.

High-pressure seals for 1000 bar hydraulic pressure and temperatures from -30 °C to +100 °C.

Accessories for oil-pressure mountings and high-pressure generators, as separate brochures, or under [www.schaaf-gmbh.com](http://www.schaaf-gmbh.com)

Any type of thread, any pitch and direction of rotation, as well as any thread size below the nominal size, can be manufactured.

Mounting for a dial gauge to precisely determine the push-on distance (A 5510/5511).

Annular piston with marking for the max. stroke and oil flow connection for oil pressure mounting applications.

Surface treatment of all hydraulic parts to ensure a long service life.

Axial pressure force generation

### Range

100% compatibility with solutions offered by bearing manufacturers in terms of function, connection geometry and component geometry.

Should this series not meet your requirements, please inform us of your needs.

Since we have our own design department and production facility, we can manufacture any **Hydraulic Nut in the A 55 Series** to customer's requirements.

Special solutions up to a hydraulic pressure of 4000 bar are possible.

### Fields of Application

Mounting and dismantling of roller bearings with conical or cylindrical seat, conical shaft-hub connections, as well as all types of oil-pressure mountings.

Inquiry form and animated operating instructions under [www.schaaf-gmbh.com](http://www.schaaf-gmbh.com)

### Advantages

SCHAAF **A 55 Series Hydraulic Nuts** offer you many advantages compared to conventional fixing devices and methods of mounting:

- Robust, durable and lightweight mode of construction
- Ready for immediate use, fully assembled and oil filled
- All parts sealed leaktight from -30 °C to +100 °C
- Purely axial pressure force, independent of stroke
- Uniform distribution of pressure forces
- No torsion under load (no thread wear)
- Wide choice of Hydraulic Nut sizes and designs
- Several Hydraulic Nuts can also be operated uniformly due to the pressure build-up
- Repeat accuracy even after a long period of use
- Simple and easy to maintain
- Treated surfaces
- Special designs of any type available upon request

### Versions

The SCHAAF **A 55 Series Hydraulic Nuts** can be manufactured/supplied as follows:

- **Materials**
  - Rust and acid-resistant steels
  - High-strength aluminium alloys
  - Different material combinations
  - Seals for higher temperatures
- **Surface finish**
  - Burnished, lacquered, chemically nickel-plated or as requested by the customer

**Complete solution from SCHAAF** The accessories for the hydraulic nuts such as high-pressure hoses and couplings as well as the manual, electric or air-operated high-pressure generators are aligned to the functions = 100 % system solution.

### Quality Assurance

All **Hydraulic Nuts** are checked for material quality, dimensional accuracy, proper operation, and pressure resistance. They are subject to quality assurance measures during order execution and delivered with detailed documentation.

### Services

The **Hydraulic Nuts** are, of course, delivered packaged, ready for installation and operation.

SCHAAF **Hydraulic Nuts** are user-friendly, reliable and are manufactured in accordance with the highest level of technical know-how. Our highly-motivated staff will be pleased to train your personnel, in situ or at our works, in the general handling of high-pressure equipment.



### SCHAAF Accessories and additional product groups

- High-pressure generators:
  - manually operated, electric, or air-operated
- High-pressure hydraulic hoses
- Couplings, nipples, adapters and distributor blocks for pressures up to 4,000 bar
- Mounting aids such as locating pin and end attachments, or as requested by the customer

### Certificates and Acceptance Tests

- Material test reports
- Specific test reports
- Certificates as per special customer requirements
- Acceptance as per customer's specifications

**SCHAAF GmbH & Co. KG**

Bruesseler Allee 22  
41812 Erkelenz - Germany

Telephone: +49 - 24 31-9 77 70-0

Fax: +49 - 24 31-9 77 70-77

E-Mail: [info@schaaf-gmbh.com](mailto:info@schaaf-gmbh.com)

Internet: [www.schaaf-gmbh.com](http://www.schaaf-gmbh.com)

