



STOOSS FORGING TECHNOLOGY: success in a strongly contested market

The ancient craft of forging linked with the latest technology, constant innovation and a forward-thinking management characterize **STOOSS FORGING TECHNOLOGY** – a Swiss family company which has for decades been successfully asserting itself in a strongly contested market. A significant contribution to the company's success has been made by the 100 staff members, whose know-how is put to best use in efficient teamwork.

STOOSS FORGING TECHNOLOGY was the first Swiss company in this industry to be granted the certification for EN ISO 9001:2000 by the SQS (Swiss Association for Quality and Management Systems, member of IQNet).

Highly developed quality products for proven use in key positions

STOOSS FORGING TECHNOLOGY is engaged in the highly developed thermo-forming technology of unalloyed, low and high-alloy steels, light and non-ferrous metals and nickel alloys. Seamless rolled rings

and balls, and all types of open-die forged workpieces weighing up to 5 tonnes are typical Stooss specialties. The workpieces undergo numerous quality and finish tests. The test certificate together with the ST stamp on the workpiece forms the hallmark and guarantee of Stooss quality.

To meet market needs and to offer customers the shortest possible delivery times, **STOOSS FORGING TECHNOLOGY** holds more than 100 different grades of steel in stock on its premises. Apart from high productivity and precision, the company's prime concern is fast production individually tailored to customer's needs, so that the smallest batches, as also industrial-scale production, can be manufactured economically.

Forged parts by **STOOSS FORGING TECHNOLOGY** are favoured in all parts of the world where an especially long life and extraordinary stability are called for: in oil and gas conveyance, foodstuffs, agriculture carriages and vessels, in machine and tunnel construction, in chemical-technical equipment, and in power plants where installed components such as turbines and generators have to guarantee the greatest degree of safety and a long life.

Representatives in Europe, the USA and the Far East ensure impeccable international customer care.

STOOSS FORGING TECHNOLOGY gives shape to steel...

Forged parts from Stooss are outstanding because of:

- material selected on the strength of its analysis and degree of purity
- exact shaping
- ideal degree of forming
- optimum grain structure
- minimum allowances
- narrow tolerances
- thermal treatment relevant to the application

...and offers its customers exceptional advantages:

- excellent manufacture in terms of surface quality and accuracy of form
- most suitable for processing on CNC machines
- reduction of mechanical processing time thus saving costs
- high degree of security against fatigue cracks

FORGING TECHNOLOGY

STOOSS

STEEL AT ITS BEST

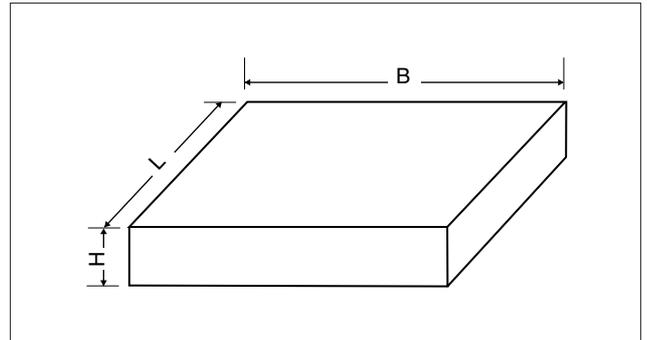


Product Programme

Products / Open Die Forgings

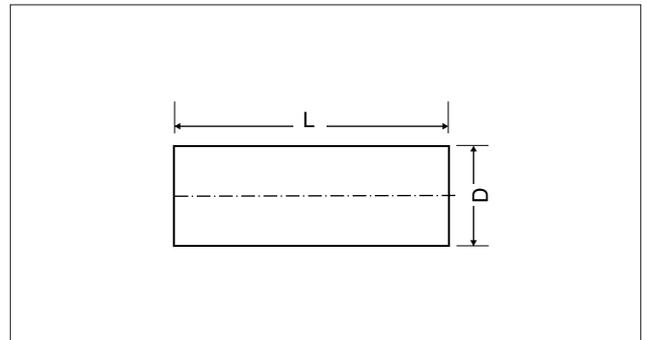
Rectangular bars and plates

length	max. 4000 mm
width	max. 1300 mm
height	max. 400 mm
weight	max. 5 to



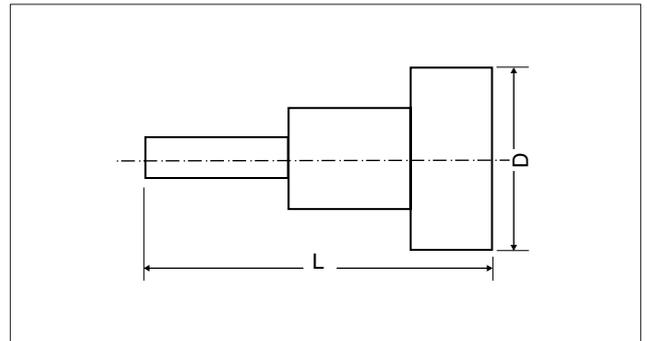
Shafts

length	max. 4000 mm
diameter	max. 500 mm
weight	max. 3 to



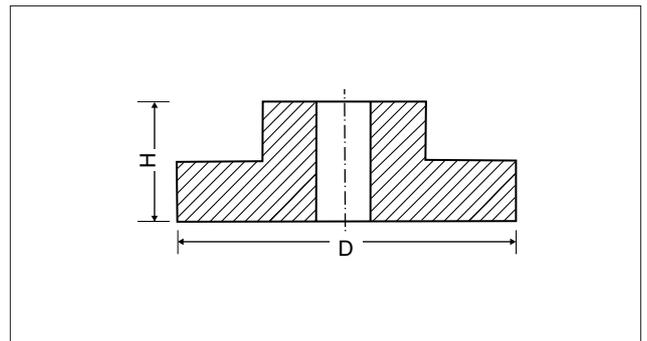
Shafts, flanged shafts, rotors etc.

length	max. 4000 mm
diameter	max. 1000 mm
weight	max. 3 to



Rounds blanks, Hubs, solid or punched hole

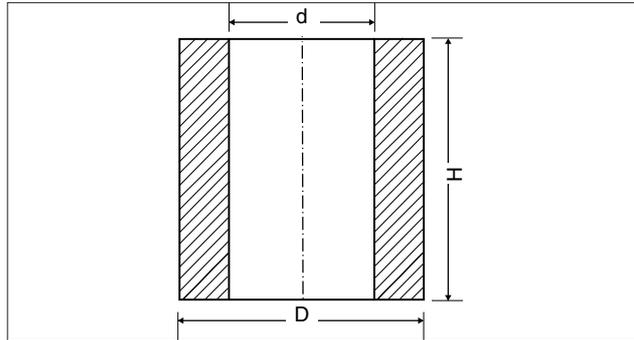
height	max. 400 mm
diameter	max. 1500 mm
weight	max. 5 to



Open Die Forgings

Sleeves

outside diameter	max. 1300 mm
inside diameter	min. 200 mm
height	max. 900 mm
weight	max. 5 to

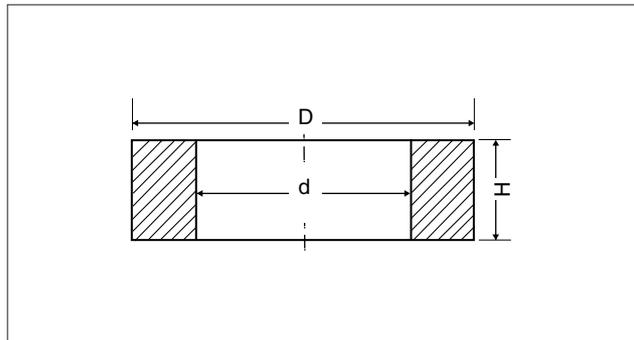


Seamless Hot Rolled Forgings

Rings in rectangular shape

outside diameter	max. 3700 mm
inside diameter	*
height	max. 700 mm
weight	max. 5 to

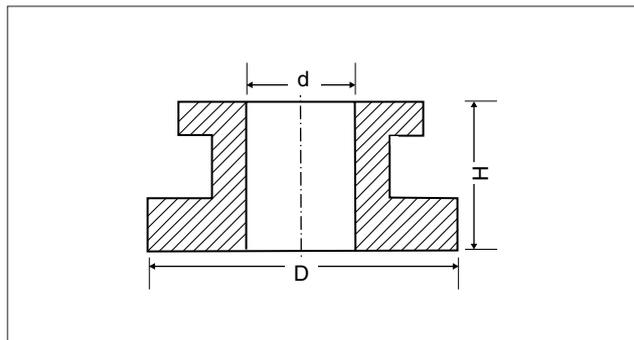
* as desired



Profiled rings

outside diameter	max. 3700 mm
inside diameter	*
height	max. 600 mm
weight	max. 5 to

* as desired



Balls

outside diameter	max. 920 mm
inside diameter	*
height	max. 700 mm
weight	max. 1.7 to

* as desired

