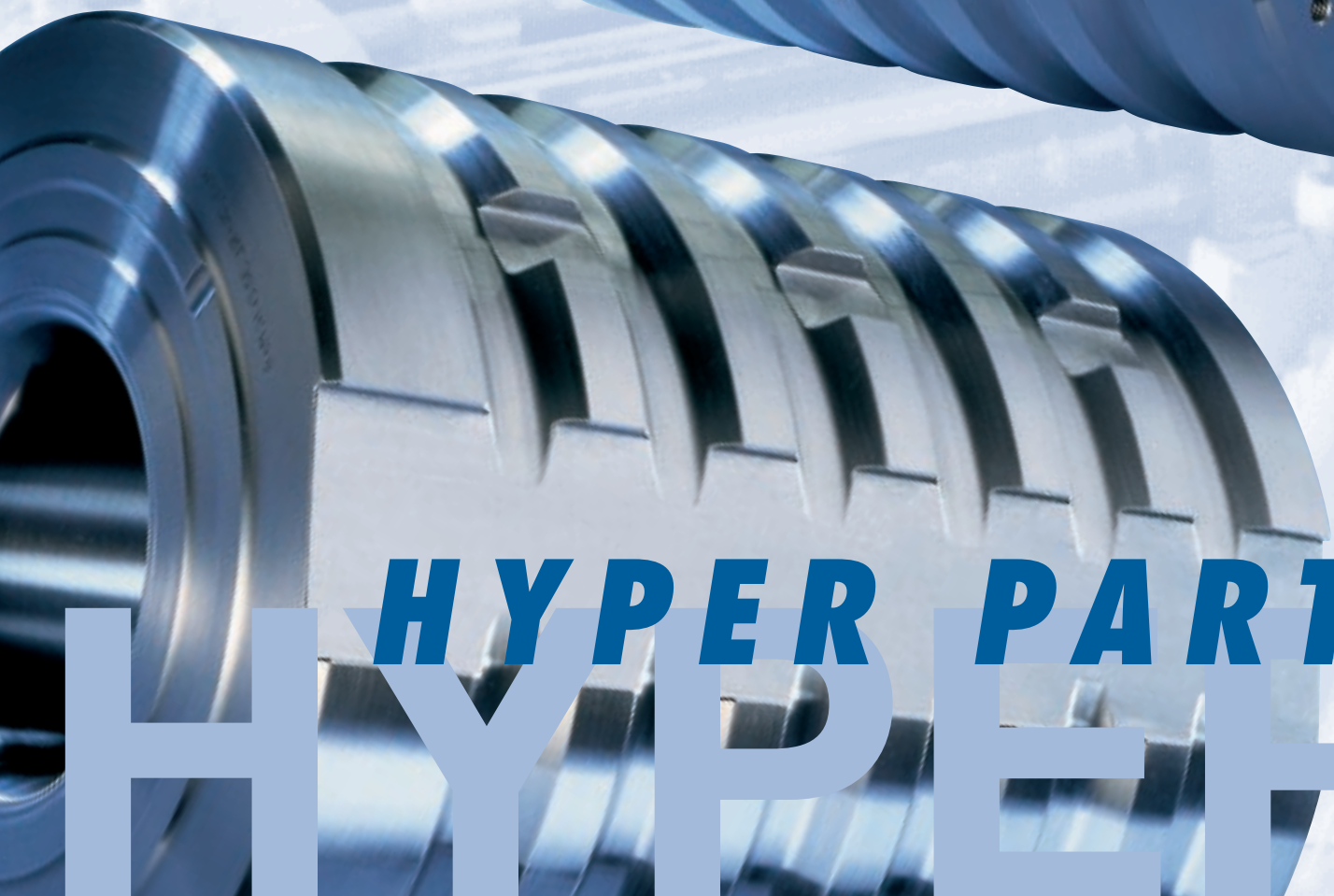
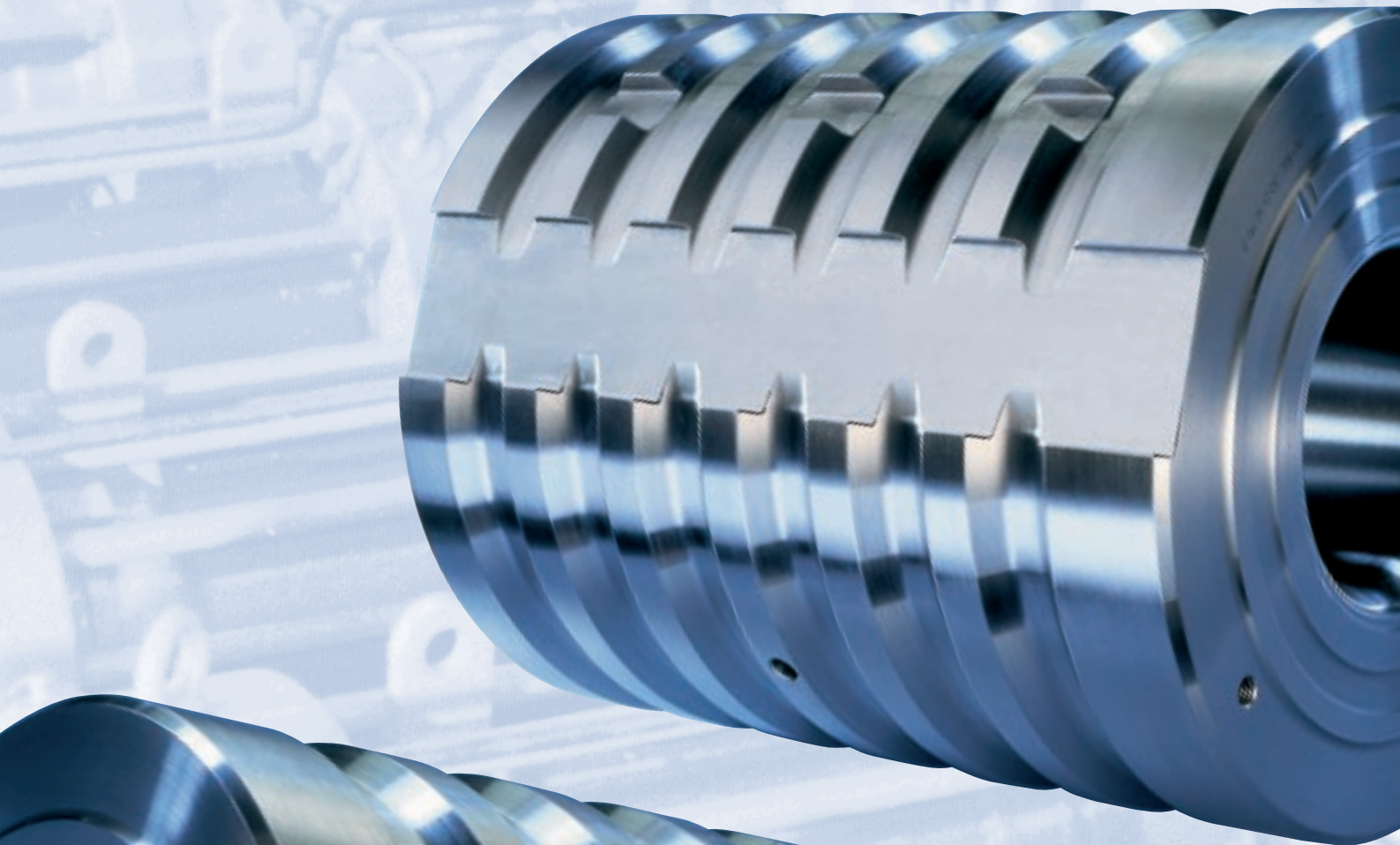
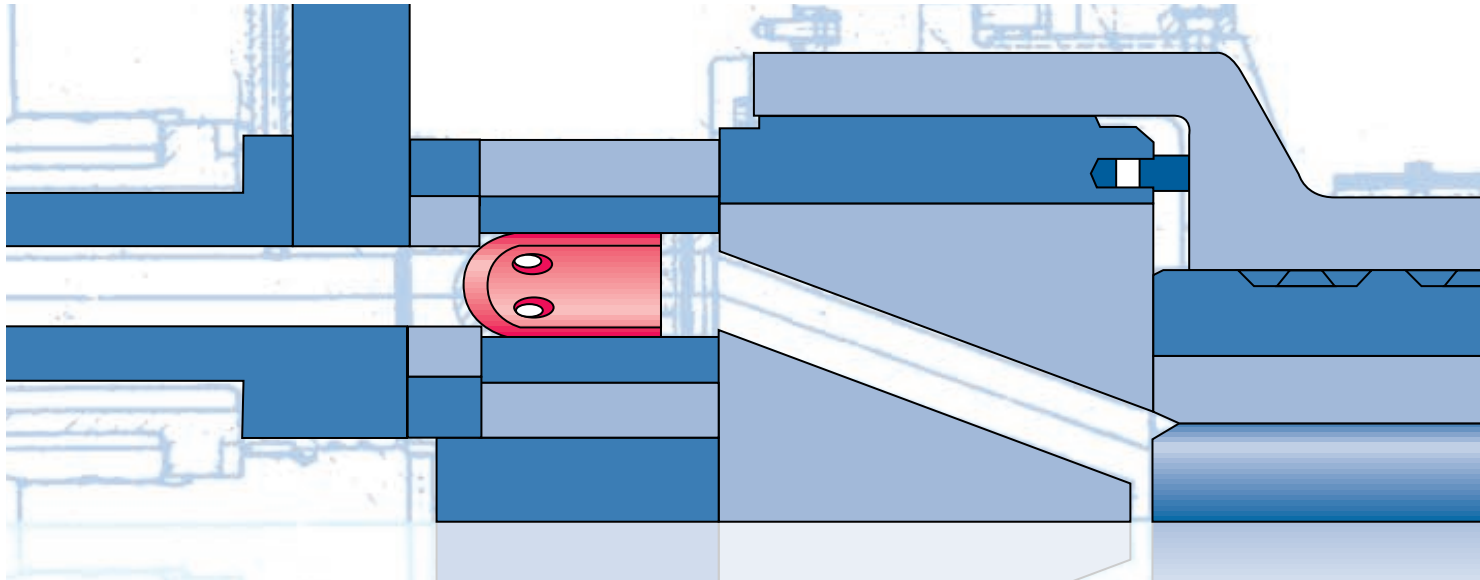


KRANZ



H Y P E R P A R T S

H Y P E R



KRANZ was founded in 1906.

Outstanding success has been obtained in developing packings to be used in the high pressure service.

Our high pressure packing "type K" was developed and patented in 1927 in connection with the introduction of various ammonia high pressure syntheses.

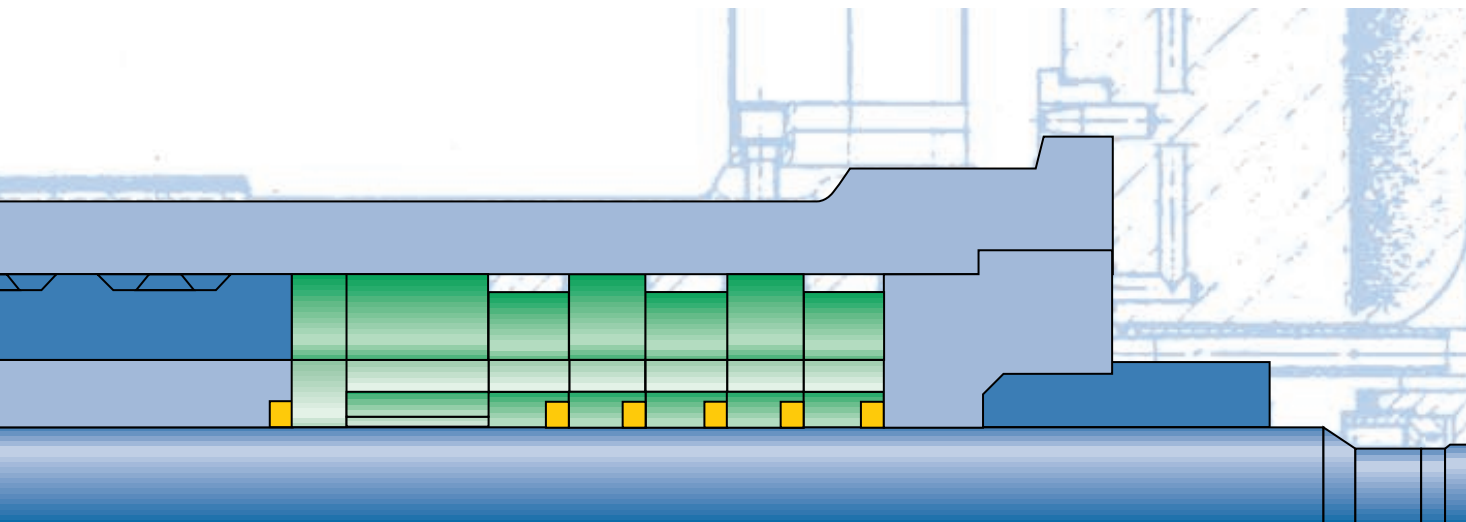
For decades we manufactured valves, complete packings, sealing rings and piston rings for hyper compressors which have been successful in meeting the sealing and life requirements in all kind of applications up to 3500 bar.

■ Valves for hyper compressors

This type of poppet valve consists of two poppets. Valve body, seat and guard.

Other valves like multiple poppet valves are also supplied. They are manufactured of the highest strength steel.



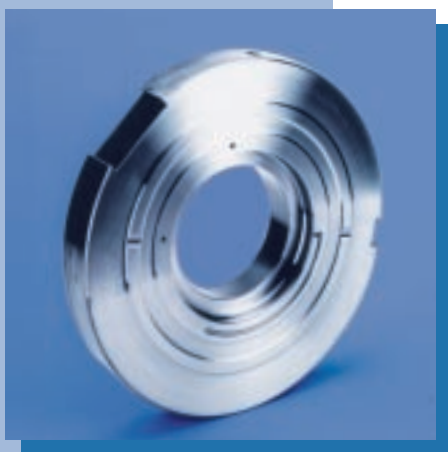


■ Packing cups

Our high-pressure packings are specially designed for each application.

Two different types of packings are available:

- Packing cups of two or three single housings of different materials are shrunk together.
- Housing cups which are completed with the cylinder-bush and the valve intermediate piece.



■ Sealing rings

Sealing rings for hyper compressors are designed in various shapes. They are generally made with radial and tangent cuts.

3-piece or 6-piece tangent types, the latter manufactured of two different materials. Various special bronze qualities for hyper application are used with outstanding success. Thermo plastic material is also available up to a certain pressure.



■ 3-partite piston ring set

For plunger sealing KRANZ has developed a 3-partite piston ring manufactured of special bronze which has proven its quality for years in various different hyper compressors.





■ Repair

We also offer a maintenance and reconditioning service for all kind of hyper packing cups and valves, no matter what type or make they are.

The packing cups will be cleaned and crack tested using the latest test methods. If necessary the inside rings will be machined out and a new ring will be shrunk in. Afterwards the cup will be maintained finished and lapped again.

Our team of high qualified engineers, technicians and skilled workers which has been with KRANZ for many years, coupled with the experience in the hyper field for decades, provides the customer with our world-renowned quality and technical support.

Due to constant further development of design and search for new materials in connection with new applications and techniques we are able to offer a solution for any kind of sealing problem and practically all operating conditions.

