Pneumatic knife shaft

Series 405/100

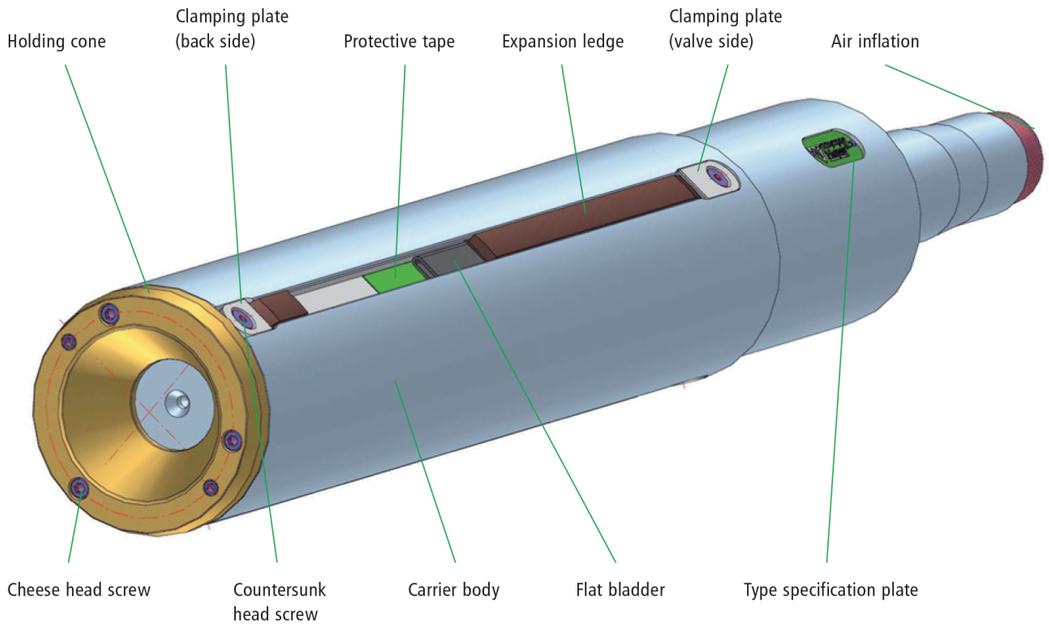
with continuous expansion ledges

By virtue of their continuous expanding ledges Vorwald knife shafts of the Series 405 L are suitable for use with the widest as well as the narrowest circular knives or knife bushings for longitudinal web cutting. The knife shaft transfers a very large torque together with exceptionally high positioning accuracy.

This economical and flexible shaft has an expansion system which is easily accessible externally and is available in nearly all sizes. The carrier body is made of hard chrome plated steel with a ground surface fulfilling the highest demands for quality and true running. The shaft journals are also made of steel and can be manufactured to customer specifications.

The expansion ledges which are made of polyurethane serve for quick and highly accurate locking of circular knives or knife bushings, so that this shaft type is ideal for automated processes. The knife shaft described above can also be delivered in special versions on customer request, e.g. without expansion ledges as crush cutter shafts (Series 100) for which a glass-hard regrindable surface is produced.

Sectional drawing of a knife shaft, Series 405



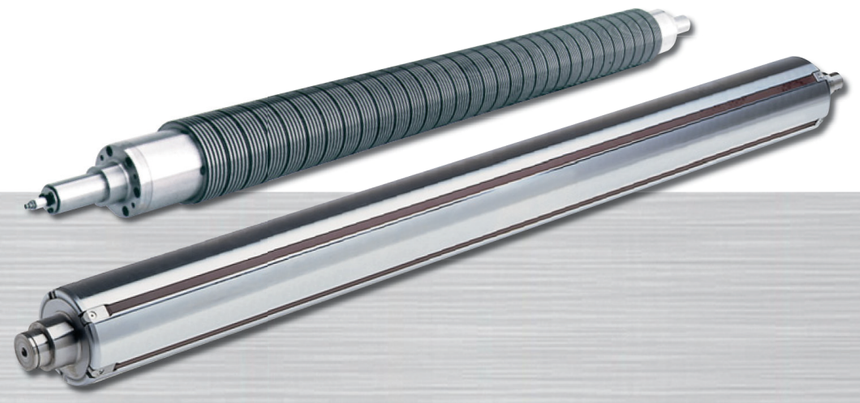
Options

- Solid shaft or deep hole drilled version possible
- Regrindable hardened surface on which cutting takes place directly

Advantages

+ Central clamping with precision guiding
+ Highest true running accuracy
+ Surface hard chrome plated and ground
+ Quick and accurate locking of the knife bushings
+ Easy to maintain
+ Suitable for manual or automated operation

Almost any shaft diameter can be delivered



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