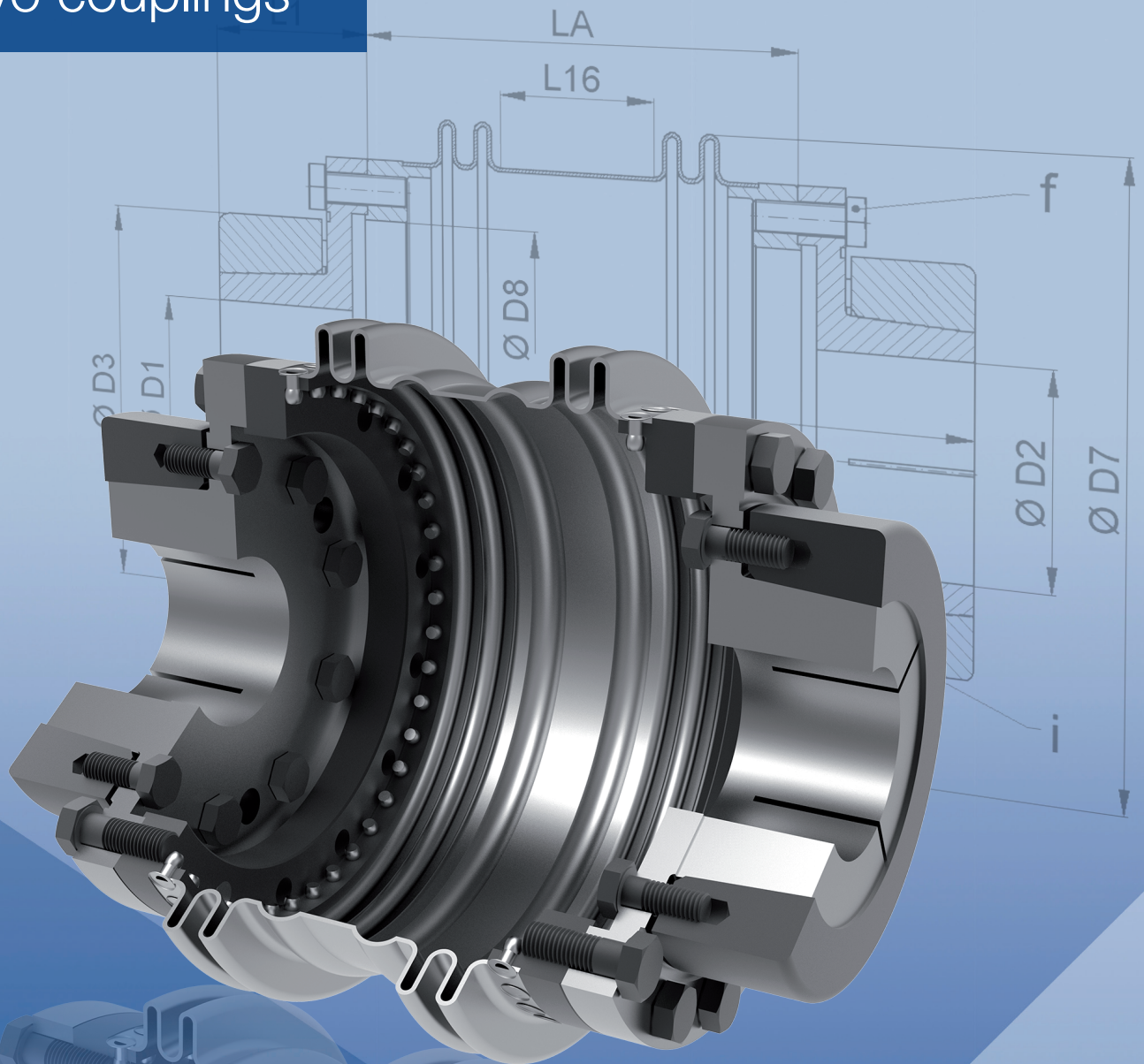


Product range
Servo couplings

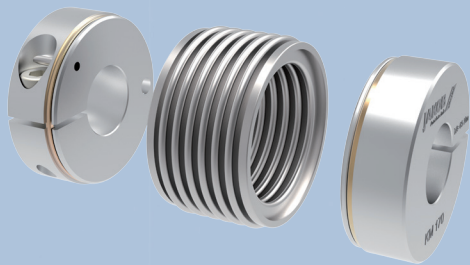


The JAKOB modular system

As flexible compensating parts, stainless steel bellows in are used in different types as well as polyurethane spiders with different shore hardnesses or oldham-type spacer from polyacetal. Another important aspect is the kind of connection between the driven shafts resp. primary shafts and the coupling hubs. Several versions of backlash free frictional clamping hubs or conical hubs are available. In the following, the most important and widely used series of compensating elements and kinds of hubs, derived from the numerous possibilities of combinations, are described in the following. A well-contrived modular system, which provides multiple use of many parts, enables production in cost-effective batch sizes and very short delivery period.

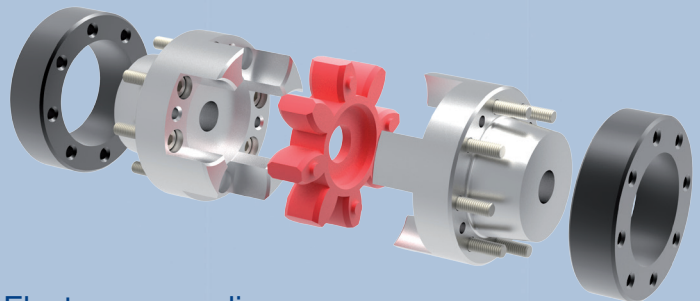
The JAKOB Servocouplings product range:

- /// Metal bellows couplings
- /// Elastomer couplings
- /// Distance couplings
- /// Miniature couplings



Metal bellows couplings

- /// variable bellow lengths and bellow forms
- /// optional with radial clamping hub, conical bush, flange hub, splitted clamping hub or conical hub
- /// tightening torques from 20 up to 50.000 Nm
- /// compensation of shaft misalignments
- /// temperatures up to 350°C
- /// high torsional stiffness
- /// optional stainless steel version
- /// wear and maintenance free



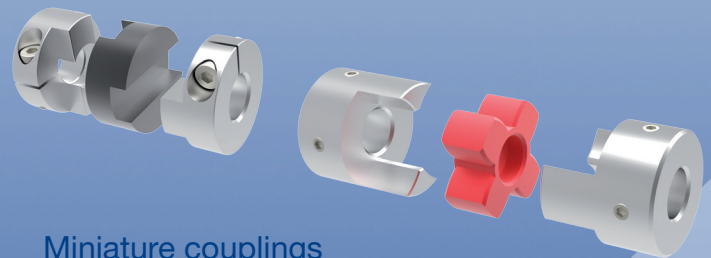
Elastomer couplings

- /// pluggable, backlash free, flexible and compact
- /// different shore hardnesses
- /// oscillation dampening
- /// optional with radial clamping hub, conical bush or conical hub
- /// combination of radial clamping hub and conical bush possible
- /// electrically insulating
- /// tightening torques from 8 up to 2.000 Nm
- /// temperatures up to 90°C



Distance couplings

- /// as connection shaft without additional intermediate bearing
- /// up to 6m axial distance
- /// tightening torques from 15 up to 1.600 Nm
- /// easy to assemble splitted hub design
- /// compensation of displacement
- /// optional as stainless steel design
- /// maintenance free



Miniature couplings

- /// design with metal bellow, elastomerspider or oldham type
- /// tightening torques from 0,4 up to 12 Nm
- /// optional with radial clamping hub or set screws
- /// elastomerspider- and oldham type couplings are electrically insulating

