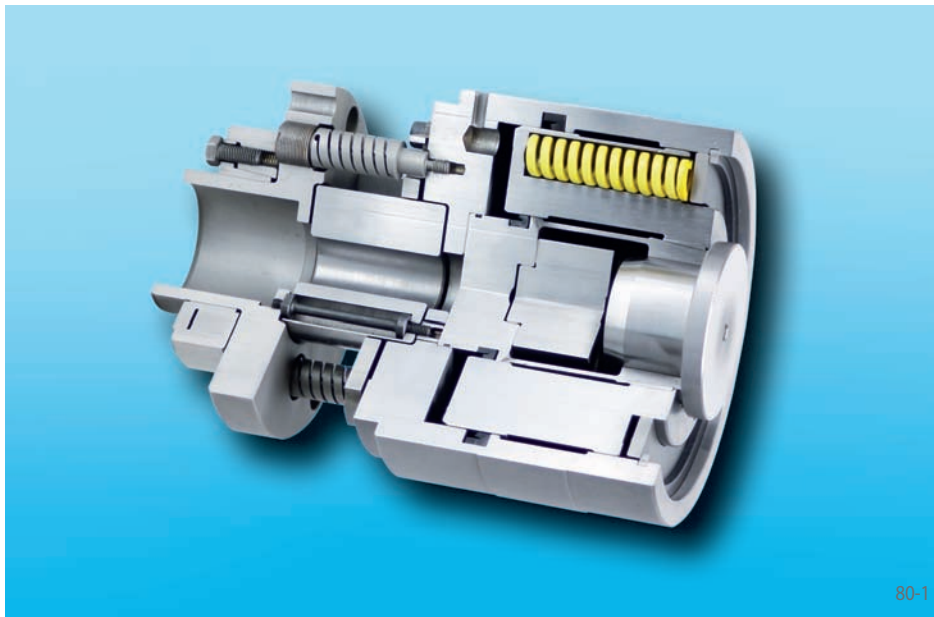


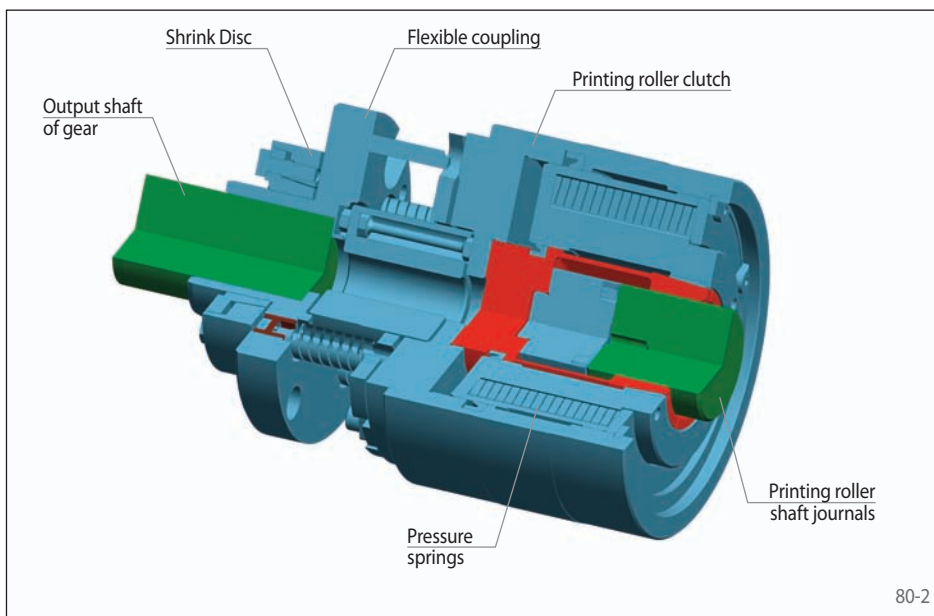
Clamping Clutches

for printing rollers in printing presses
spring activated - pneumatically released



Characteristics

- For rapid changes and precise clamping of printing rollers in printing presses in gravure and flexographic printing
- Reduces setup costs and facilitates flexible production with short cycle times
- Reliable non-slip drive power transmission
- High true running accuracy
- High torsional rigidity
- High axial rigidity
- Compensation for axle misalignment
- Compensation for angular misalignment
- Balanced, thus smoother running at high speeds



Application example

The Clamping Clutch for printing cylinder in printing presses consists of the printing cylinder clutch, a differential clutch connected by a Shrink Disc to the drive shaft of the transmission. The differential clutch compensates for axial and angular displacement vis-à-vis the position of the printing cylinder while maintaining the torsional and axial rigidity required to ensure acceptable printing quality.

The printing cylinder clutch is released by pneumatic pressure. When it is released, the printing cylinder is engaged. When pneumatic pressure is removed, the printing cylinder clutch closes and clamps the printing cylinder journal without pull-back action. The printing cylinder clutch is aligned with the axis of the fixed printing cylinder.

Other models, e.g. with hydraulic clutch release, are available on request.

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