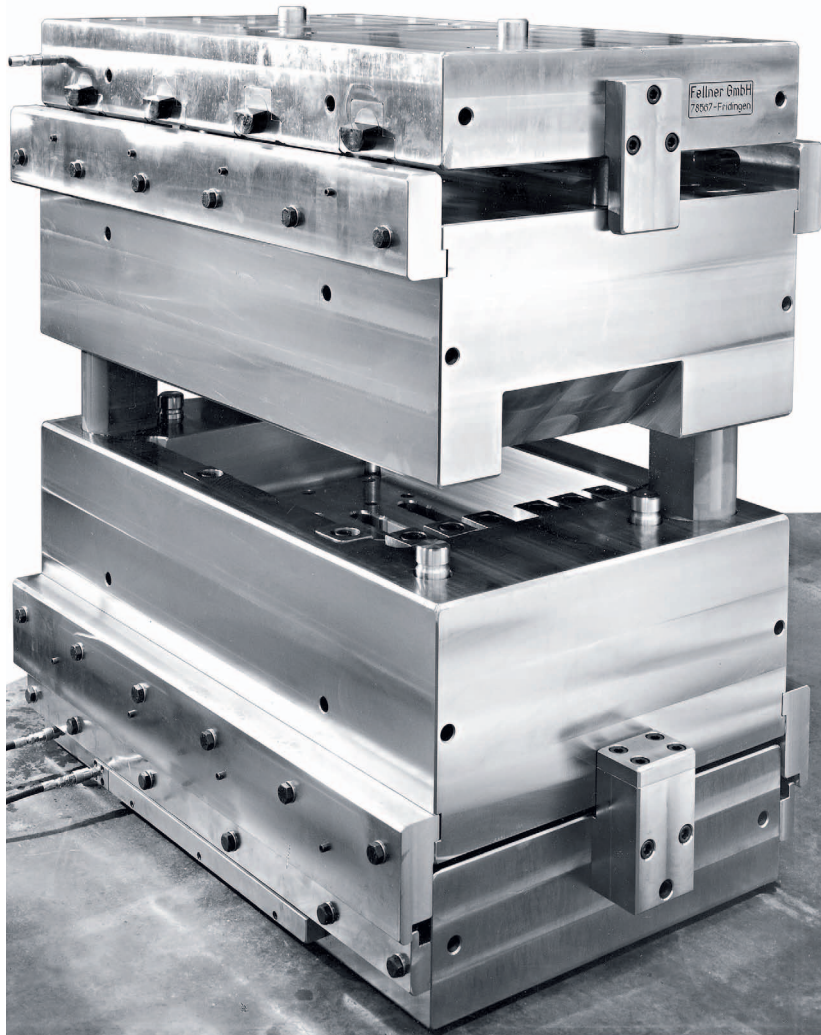


## 02-63 Dieholder cassette quick-change and precision forging system with cassette flat/round/flat pillar guide for a 63 MN drop forging eccentric press



Base holder with rectangular forging die cassette, rectangular forging die cassette lower section clamped, upper section not clamped, base holder upper section in position "press ram at top", rectangular forging die cassette upper section in position "press ram ¾ at top" [view from front left]



Base holder with installed, clamped rectangular forging die cassette, base holder upper section in position "press ram at bottom", to the left complete rectangular forging die cassettes ready for installation (view from front right)

- Patented 3rd generation dieholder cassette quick-change and precision forging system with rectangular forging die cassettes for forging without die guides of engine crankshafts for passenger cars and commercial vehicles with up to 2 forging stations and with optionally manual, semi-automatic or fully automatic parts transfer.
- High forging precision thanks to non-thermal expansion-dependent, stable, oil-lubricated, low-wear cassette flat/round/flat pillar guide operating independently of the press guide with exchangeable, nitration-hardened steel guide elements (guide pillars, plates, bush) and floating cassette.
- Mechanical ejectors in base holder and cassettes.
- Problem-free, fully automatic cassette quick changing lasting only a few minutes with a cassette change carriage and double-hydraulic cassette lifting cylinders and single-hydraulic Rollbloc roll blocks in the base holder lower section, thus maximum economic efficiency and short payback time.
- Handling of the cassette lower and upper sections each weighing 7.3 t during die tooling and servicing and cleaning work with the aid of a hydraulic/electric-motor-driven cassette upper section lift-off and handling device.
- The full width of the die installation space of the press can be utilised thanks to the patented inside-to-outside clamping of the cassette.
- Minimal contamination of the cassette clamping equipment, of the reliable hydro-mechanical Fellner wedge-type clamping elements, thanks to complete coverage with the cassette.
- Simple adaptability of other cassette types (e.g. for round forging dies).
- Easy to operate.
- Easy to service and repair thanks to modular design.
- Only a few press adaptations of minimal scope are necessary.

→ Dieholders

→ Products

→ Range of Products and Services