

# Internal and External Improvements on all sizes of Gimatic OFA, OFR, OFS, OFN for Better Reliability and Performance

Everything is compatible, with the main difference being the sensor-body versions have a shorter overall length. Updated dimensional drawings, CAD files, and photos will be available on our website as they switch over.

## Changes & Advantages:

- The gripper body (1) is one metal piece.
  - Longer service life.
  - The magnetic version is more compact.
- A plastic molded plug (4) on the top seals the gripper.
  - Reduced risk of external parts and debris entering the gripper (less open area on the top).
  - This closed design prevents grease from falling out.
- The piston (3) is one piece.
  - Stronger, safer all metal piston. The plastic version was breaking when a heavy payload was pried or yanked.
- The pivot pin (6) is held axially by a tooth in a groove.
  - Improved reliability; this is safer than the previous retention method.
- The smaller air inlet orifice better controls the actuation speed.

