

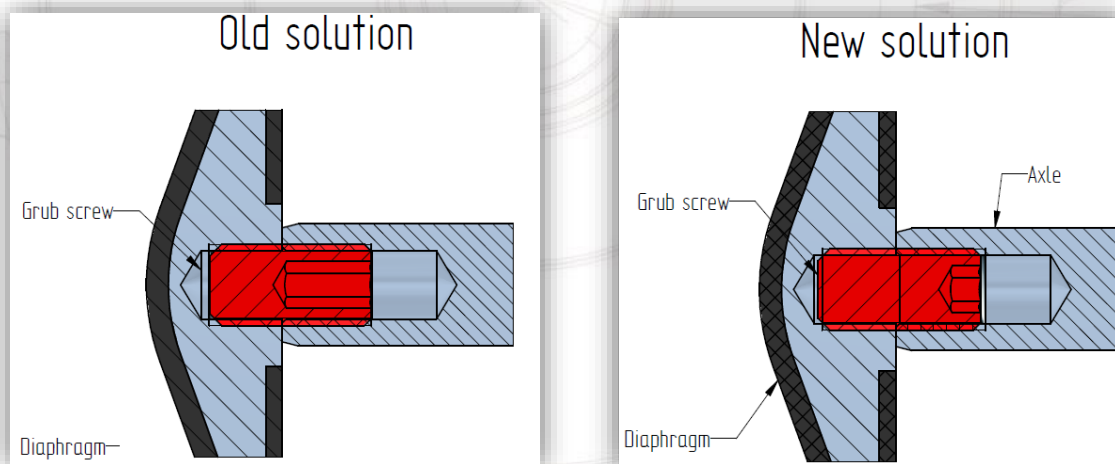
## NEW, robust grub screws in AODD pumps



Since the beginning of October 2015 in most Tapflo diaphragm pumps, new grub screws connecting the diaphragm with the shaft have been introduced.

The change is not included in TP powder pumps and TB barrier pumps where special grub screws are used.

### Design comparison:



In the past, the socket of the grub screw was deeper and it ended exactly where the axle connected with the diaphragm. Therefore the weakest point of the screw was in the same time the point where biggest forces act on the screw thus leading to breaking in critical cases. The new grub screw has a more shallow socket making it more robust and not vulnerable to breaking. The socket depth changed from 8 mm to 4 mm.

**DID YOU KNOW?**

**DIAPHRAGM ASSEMBLY**

Please remember that the proper way to assemble a diaphragm with its shaft is to screw the grub screw into the diaphragm first and in the second step to screw the shaft onto the grub screw. This way we ensure that the diaphragm will not unscrew unintentionally off the shaft.

**Ordering pumps:**

The pump codes are not affected by this change. Also the price remains unchanged.

The grub screws are fully interchangeable with the old design.

**Ordering parts:**

Part codes also remain unchanged. The axle is sold as a set with the grub screws and code is **6-xxx-16**.