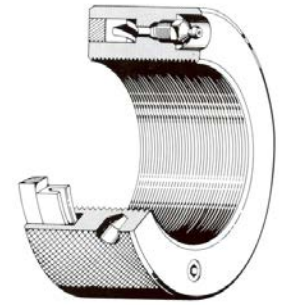


Pressure Life



Amtec Clamping Devices have been used for over 40 years under the most diverse operational conditions and applications. Experience has shown that pressure loss under full operating pressure is within 10 percent over a three week period under normal operating conditions.

For positive control of pressure, we recommend checking the preset operating pressure weekly. Preset Amtec handpumps, pressure gauges, indicator pins, "leak proof" fittings and pressure switches are available for control purposes.

Amtec nuts are assured of positive pressure control through quality components, specifically engineered for severe operating conditions, with full inspection and testing before shipment.

Amtec Seals are custom engineered exclusively for our use with oil and grease operating pressure requirements up to 700 bar (10,150 psi). These dual hardness seals ensure a flexible lip area to prevent low-pressure seepage as well as high-pressure blow-by. The high hardness heel area of Amtec Seals resists extrusion around the steel thrust ring. The result is a "leak proof" seal, which has repeatedly performed under pressures up to 700 bar (10,150 psi), for over 10 years without replacement.

Amtec F-Nipples have been engineered to handle repeated connections with Amtec 4-jaw F-Couplers at operating grease pressures up to 700 bar (10,150 psi) and beyond, without leakage, for many months. Amtec F-Nipples are in fact a one-way valve with a hardened alloy steel body and a steel check valve to ensure "leak proof" quality. F-Nipples are available from in-house stock.

Amtec GX-Nipples are unique in the world for high-pressure oil applications. Designed, built and tested in-house, GX-Nipples are capable of operating at pressures up to 700 bar (10,150 psi) and beyond; can be connected and disconnected under full pressure in the nuts with our exclusive quick-disconnect GX-Coupler. Precision engineered, hardened alloy steel components and high-pressure seals ensure "leak proof" performance of Amtec GX-Nipples.

Amtec Release & Vent Screws offer positive retention of internal grease and oil pressure by very simple but positive means. A flat point socket set screw, a steel ball and a sharp edged seat guarantee repeated positive sealing of the pressure chamber while allowing rapid release of pressure when opened.

Use only genuine Amtec spare parts.