

ZSD

FITTING AND REMOVAL OF Z-LOCK SHRINK DISCS

Fitting:

1. Before fitting to shafts, remove any spacers that may have been installed between pressure plates for transport reasons.
2. Loosely tighten the screws such that the inner ring will still rotate.
3. Grease the hub on which the inner ring is to be fitted.
4. Slide the shrink disc on to the hub.
5. Slide the hub on to the solid shaft. Both hub bore and solid shaft surface must be ungreased.
6. Ensure that the pressure plates are parallel by carefully tightening screws at a low torque.
7. Begin tightening the screws to full tension M_a , evenly in a clockwise direction (not crosswise). Repeat the clockwise tensioning procedure several times until all screws are tensioned to the recommended torque M_a .

Removal:

1. Loosen screws evenly in a clockwise direction several times, take care to keep the pressure plates parallel.

For safety reasons do not completely unscrew the screws as this could allow a pressure plate to jump off.

2. Check for and remove any corrosion on hub and shaft, before hub is removed from solid shaft.
3. Remove shrink disc from hub.

Used Shrink Discs:

Used shrink discs must be disassembled and cleaned. Undamaged bevel surfaces, screw threads and under screw heads should be re-greased.

Screw (Grade 10.9)	M5	M6	M8	M10	M12	M16	M20	M24	M27	M30
Torque Ma(Nm)	5	12	29	58	100	240	470	820	1100	1640

