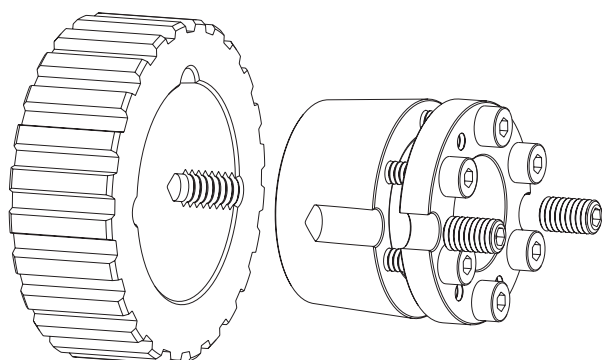


SERLOCK®

SERLOCK® is the new patented, keyless self locking bushing for immediate use with all power transmission components suitable for the SER-SIT®, T/L or similar tapered bushings:

- Is directly interchangeable with SER-SIT® or T/L tapered bushings
- Available in 1108, 1210, 1610, 2012, 2517, 3020 sizes
- With bore diameters from 12 to 70 mm according to the bush sizes
- Allows infinite axial and angular adjustments



SERLOCK® is an innovative clamping system which combines all the advantages of SIT-LOCK® friction keyless bushings with the extensive availability of a wide range of PT components for tapered bushings such as:

- V and Poly-V Pulleys
- Timing Pulleys
- Couplings
- Sprockets



SERLOCK® eliminates:


- All problems related to conventional keyway systems (backlash, breakage, fretting corrosion, difficult disassembly, restrained axial and angular positioning of the component on the shaft);
- Additional machining on the component to be fixed on the shaft, required when using conventional cone/clamping elements.

With the following benefits:

- Immediate availability of the system (element to be clamped + advanced clamping system);
- Easy assembly and disassembly;
- Possibility of reducing the diameter of the shafts used by up to 25%;
- Easy angular and axial adjustment of the component with respect to the shaft;
- Possibility of using SERLOCK® also on shafts with keyway.

All this means an immediate advantage for the user as a result of the potential increase in productivity.

Order form



 SL 1108 F10

Assembly is extremely simple and fast:

- 1) Couple the SERLOCK® bushing to the hub by means of the two set screws;
- 2) Position the part on the shaft in the required axial and angular position;
- 3) Gradually tighten the set screws until the torque M_s , indicated in the technical tables, is achieved;
- 4) Tighten the clamping screws gradually and evenly according to the cross outline until the torque M_s , indicated in the technical tables is achieved.

Note:

Do not lubricate the SERLOCK® bushing or the shaft on which it is mounted.

To disassemble:

- 1) Disassemble the tightening screws;
- 2) Insert the screws in the threaded disassembly holes, tightening them until the tapered bushing is released;

In order to remove the outer ring, if necessary:

- 3) After having removed the inner bushing, loosen the set screws;
- 4) Keeping the loosened set screws in place, position the inner bushing rotated 30° in relation to the original position;
- 5) Insert the screws and tighten them gradually until the inner ring is released.