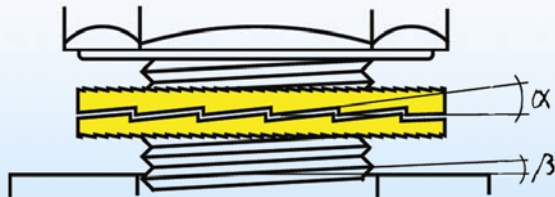


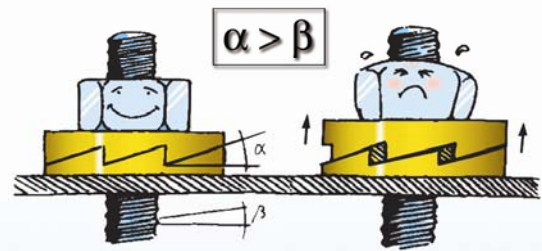
Do dynamic loads and *Vibration* cause you problems?

LET GEOMETRY WORK FOR YOU

When the bolt and/or nut is tightened, the teeth grip and seat the mating surfaces. The teeth lock the NORD-LOCK washers in place, allowing movement only across the face of the cams. Any attempt from the bolt/nut to rotate loose is blocked by the wedge effect of the cams. The tension created makes the bolt/nut self-locking.



NORD-LOCK[®]
Bolt securing system



The key is the difference in angles. Above you see what happens when a bolt attempts to loosen. The pair of washers expand more than the corresponding pitch of the thread allows the bolt to rise. Nord-Lock washers positively lock the fastener in a joint subjected to vibration or dynamic loads.



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www.peers.co.nz

Nord-Lock Advantages

- Used correctly the Nord -Lock bolt securing system will **solve** your fastening problems caused by vibration and dynamic loads.
- Re-usable
- Ease of use in assembly & disassembly for maintenance
- Positive locking at low or high preloads
- Locking function not lost by lubrication
- Available in steel or stainless
- Available sizes from M3 –M80

Where are they currently being used in NZ?

- Power Stations (Otahuhu B) & wind power generation
- Rail Roads
- Mining
- Farm, Forestry Equipment
- Trucking
- Marine
- General Engineering

Nord-Lock washers are manufactured in Sweden by **NORD-LOCK AB**. They are held as the world leaders in jointed bolt technology. They are sold via a world-wide network, with diverse uses, from nuclear power plants, rail roads, mining, healthcare, to computer hardware.

PEERS INDUSTRIAL is the New Zealand agent and importer of Nord-Lock Products. The washers are sold through a distribution network of fastening resellers.

For more information view @ www.nord-lock.com