

**NEW UP-RATED TAPER-GRIP™ LOCKING SYSTEM**

Fenner Shaft Mounted Speed Reducers can be secured to the driven shaft by a unique bush locking system which overcomes the difficulties experienced with other methods of mounting, particularly in corrosive environments.

The new design includes cap head screws for higher tightening torques and a hardened steel thrust plate. These two new features are responsible for part of the significant torque increase.

**UP-RATED TAPER-GRIP**

- Transmits 300% more torque
- Accommodates shaft tolerances to h11
- Standard bores require no key
- Accessible locking arrangement
- Reversible bush assembly
- Resistant to fretting corrosion
- Even easier removal of gear unit

**Assembly**

After the bush is screwed into the hub the reducer can be conveniently positioned on the driven shaft. Locking is effected by sequential tightening of the screws which draw the bush axially against the opposing tapers in the hub thus generating the clamping force along the whole length of the bush in contact with the shaft.

**Removal**

The Taper-Grip system offers significant advantages when removing the reducer from the shaft.

There is a tendency for Shaft Mounted Reducers, subject to atmospheric or fretting corrosion, to seize solidly onto the shaft, making removal difficult and time-consuming.

The Taper-Grip system eliminates this problem, the bush is manufactured from spheroidal graphite iron which not only has similar mechanical properties to steel but has a natural resistance to corrosion and a degree of self-lubricity.

This combination of dissimilar materials in contact alleviates fretting corrosion and when the bush screws are loosened and the tapers released there is sufficient clearance within the assembly to permit easy removal.

Because the bush is screwed into the hub it is inherently safe. Even if the locking screws are completely removed it cannot inadvertently fall out during reducer handling.

**Use of smaller than standard bores on Taper-Grip bushes**

For applications where it is desirable to fit Taper-Grip bushes with bores smaller than the standard catalogue sizes, depending on the size, the torque capacity of the bush may be below the quoted catalogue ratings. In these situations it is preferable to fit a key to the bush/shaft interface. In these cases please consult your local Authorised Distributor.

**TRANSMITS 300% MORE TORQUE**