

## Fenner® Grid

## Protection Against Shaft Misalignment, Shock and Vibratory Load

Fenner® Grid Couplings are shaft-to-shaft couplings that are of compact size, yet can handle torque capacity due to their high strength hardened alloy steel construction.

The tapered grids are designed with a trapezoidal cross section and are tempered for spring hardness. Through a high-precision operation called shot peening, the surface molecules are compressed by high-velocity steel micro beads.

The compression of the molecules results in dramatic increase in strength rating and provides reserve strength for a longer part life.

Due to their compact size, the tapered grids can simply be placed directly in the slots of the hub. The practical split cover can be placed using standard tools.

## **Benefits**

- > Protection against shaft misalignment
- Provides generous capacity for misalignment without producing the detrimental side loads on the bearings that are often created when couplings are misaligned
- > Protection against shock and vibratory loads
- Able to deflect torsionally when subject to normal or vibratory loads





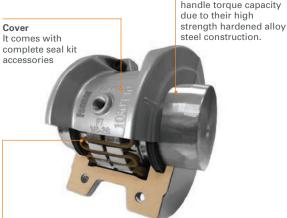
## Size Reference

Туре	Size
T10 Type T10 Large T20 Type T31 Full Spacer T35 Half Spacer T50 Floating Shaft T63 Type KBW Type T10 & G82 Type	1020 - 1170 1020 - 1170
(Floating Shaft)	1020 1170

Hub

compact size, yet can





Tapered Grids

Accessible through the unit's removable cover. It is extremely easy to fit the trapezoidal grids into the slots of the hub, compared to fitting rectangular grids.











