



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

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



Construction

Cover
It comes with complete seal kit accessories

Hub
compact size, yet can handle torque capacity due to their high strength hardened alloy steel construction.

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.



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