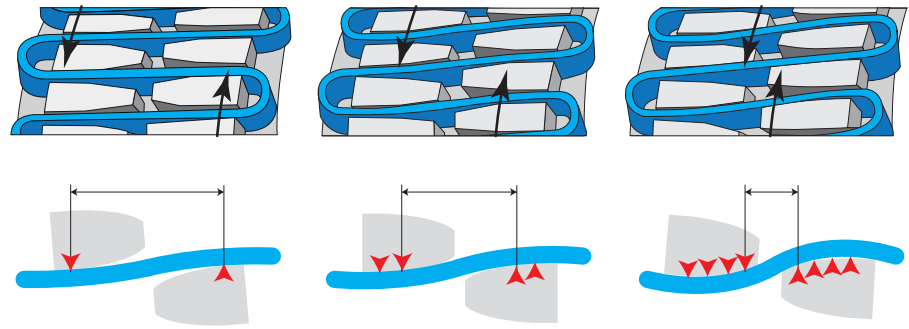


Martin Blue-Flex™ Grid Couplings handle high torque levels and high RPM applications in a small package. Unlike other metallic couplings, *Martin* Blue-Flex™ Grid Couplings have the ability to reduce vibration and cushion shock loads to driven and driving power transmitting equipment components.

Progressive contact between the curved profile of the hub teeth and the flexible grid makes it possible to absorb impact energy by spreading it out, reducing the magnitude of the peak loads.

Martin Blue-Flex™ Grid Couplings follow the same *Martin* Product/Service Standards that make *Martin* the One Industry Relies On for Quality, Availability and Service.



Light Load

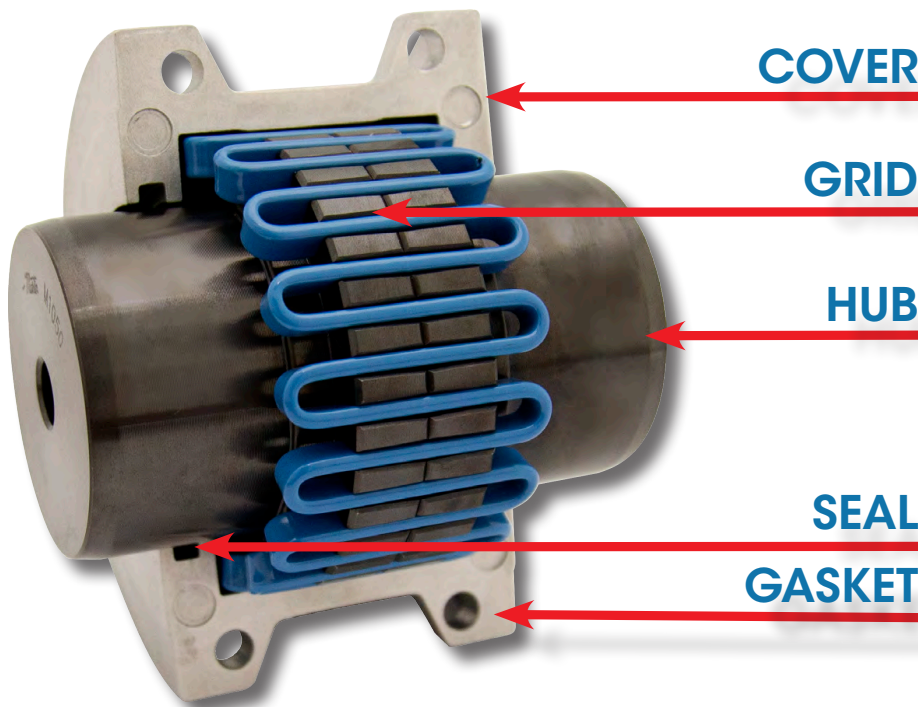
The grid bears the stress near the outer edge of the hub teeth. The long span between the point of contact remains free to flex under load variations.

Normal Load

As the load increases, the distance between contact points on the hub teeth is shortened, but a free span still remains to cushion shock loads.

Shock Load

The coupling is flexible within its rated capacity. Under extreme overloads, the grid bears the stress on the hub teeth and transmits full load directly.



COMPONENTS



GRID



COVER



HUBS



GASKET, SEAL, BOLT KIT & GREASE PACKET