



A REVOLUTION IN TORQUE TRANSMISSION

Standard Industrial Product Range

The Punk® Prime & Gim-Ball couplings can be used to provide a family of torsionally rigid, angular misalignment couplings for industrial applications.

12 design options are achieved using standard components

- All are torsionally rigid
- Option for axially rigid, damped or floating
- All are radially rigid
- Option for integrated support bearing

Competition:

- Most competing couplings provide only a small amount of axial float
- No torsionally rigid couplings can provide damped axial float
 - Except telescopic cardan shafts, at the expense of cost and large DBSE

Gear Couplings: Axially floating

Universal Joints: Axially fixed

Disk Couplings: Axially flexible

Chain Couplings: Axially floating

Grid Couplings: Axially floating

Punk® Couplings: Axially fixed, floating or damped

Potential Applications – Industrial Market

- Coupling size is scalable
- All standard shaft interfaces can be accommodated; including key, spline, flange, tapered lock and clamp types
- Our novel seal cap design provides a very robust and effective seal against both ingress of contaminants and egress of lubricant
- Wet or dry lubrication options are possible

- Agitators
- Balancing Machines
- Blowers and Fans
- Compressors
- Conveyors
- Cooling Tower Fans
- Cranes and Hoists
- Crushers
- Farming Equipment

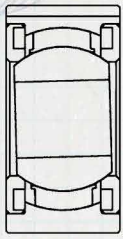
- Generators
- Glass Manufacturing
- Lumber Mills
- Marine Propulsion
- Metals Industry
- Mining Equipment
- Oil and Gas
- Packaging
- Paper Mills

- Plastic Manufacturing
- Printing Presses
- Pumps
- Railway Drives
- Rubber Processing
- Shredders
- Special purpose machinery
- Textile Equipment
(Partial list)

More information on our technology can be found on the company website
punk-couplings.co.uk

Punk® couplings standard product range components

Punk® Prime or Gim-Ball Cassette



End cap



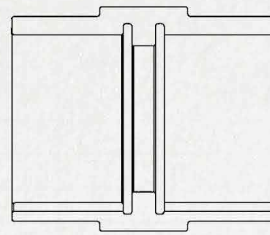
O-ring Spacer



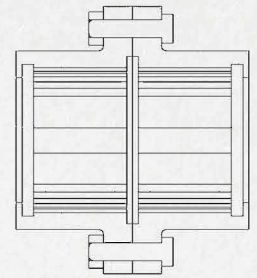
Steel Rigid Spacer



Straight shell

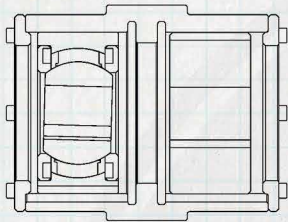


Split-flange shell

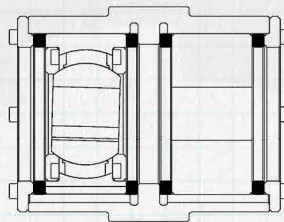


Flex-Rigid Punk® Prime or Gim-Ball

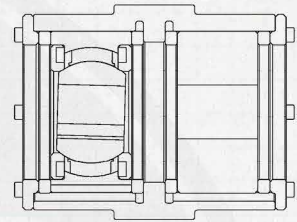
Axially Floating



Axially Damped

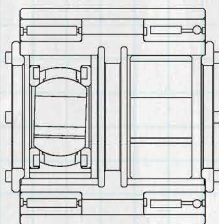


Axially Rigid

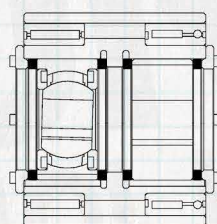


Flex-Rigid Punk® Prime or Gim-Ball (Bearing block supported)

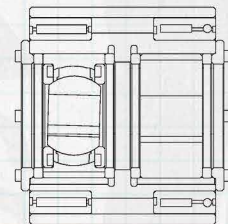
Axially Floating



Axially Damped

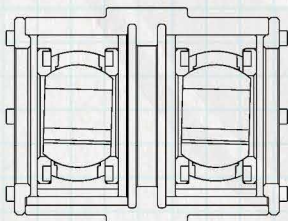


Axially Rigid

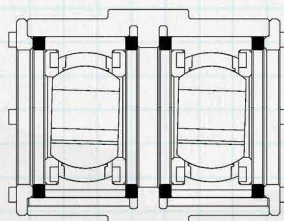


Flex-Flex Punk® Prime or Gim-Ball

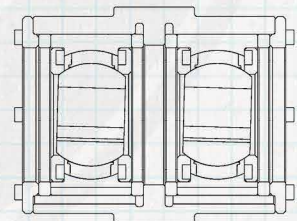
Axially Floating



Axially Damped

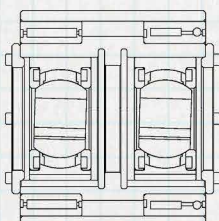


Axially Rigid

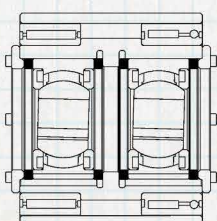


Flex-Flex Punk® Prime or Gim-Ball (Bearing block supported)

Axially Floating



Axially Damped



Axially Rigid

