

SHAFT & FLUID COUPLINGS ROTATING SHAFT GUARDS

Your Complete Connection!



FALK®
a good name in industry

Falk's Grid, Gear, Disc and Elastomer Couplings Have One Thing In Common . . . They Do The Job, No Matter What The Job Is.

The difference is often in the details. The difference between failure and long life, between smooth operation and downtime, between making – or losing – money on the factory floor.

Falk understands that different couplings suit different applications. So we've designed and manufactured a variety of state-of-the-art couplings to meet virtually any requirement. Whether you need more flexibility, lower maintenance, high torque load protection, simple cost-effective performance or something else, we can specify a coupling to suit you. Falk Speed Quote software or a team of qualified power transmission specialists can analyze your application, and determine how special characteristics – including bore fit options, stiffness, balance, shaft gaps, operating speed and environmental conditions – can affect coupling selection.



Falk couplings are available in standard or dual purpose designs, with special configurations for unique requirements. And each Falk coupling type is offered in sizes and with torque and bore capacities to fill a whole host of application parameters.

At Falk, we know couplings. How important they are. How reliable they need to be. And how the right coupling is one sizable detail that can make the critical difference in your operation.

Complete Drive Systems from Falk



But Falk's capability isn't limited to just selling a component, we sell drive systems incorporating the gear drives, couplings, backstops, brakes, guards & motors, all mounted on a bedplate, swing base or alignment free assembly. Plus, our ready availability keeps you producing... even in the most remote places on Earth.

True Torque Fixed-Fill Fluid Coupling



Softer Starts - Smooth Power Flow

- 11 sizes, 5 types
- Gear, disc, elastomer, and grid coupling; hollow shaft and sheave connections
- Delay, extended-delay, and non-delay fill
- Power ratings to 1 119 kW (1,500 hp)
- Starting power adjustable from 40% to 250% of full-load torque
- Overload protection



Used in a broad range of applications, Falk Fixed-Fill Fluid Couplings provide consistently longer, smoother, time-controlled starts with lower starting torques and softer torque transfer. Ideal for conveyors using multiple drives, Falk Fluid Couplings allow for staggered motor starting and load sharing.

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Wrapflex Elastomer Coupling



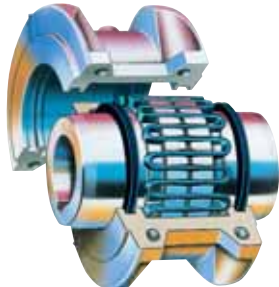
Talk About Simple!

- 9 sizes, 3 types.
- Torsionally flexible.
- Non- lubricated polyurethane flexing element (electrically non- conductive).
- Bores to 186 mm (7.25 inch).
- Capacities to 15 000 Nm (133,900 lb- in).
- Lowest initial and long term cost in its torque range.



Wrapflex is a low cost, low maintenance, non- lubricated elastomer coupling from Falk. Quick, easy installation and replacement sets new standards for reduced downtime. Because motors don't need to be moved, our "replace- in- place" elements even eliminate the need for time consuming realignment. Falk Wrapflex Elastomer Couplings are backed by a 3- year warranty. Wrapflex is a great low cost, general purpose pump coupling!

Steelflex Grid Coupling



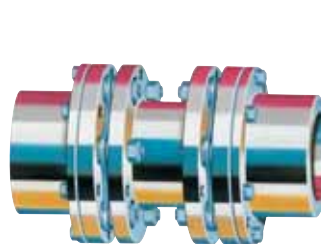
The Ultimate "General Purpose" Coupling

- 25 sizes, 11 types.
- Torsionally flexible.
- Spring- steel grid flexing element (electrically conductive).
- Bores to 508 mm (20 inch).
- Capacities to 847 429 Nm (7,500,000 lb- in).
- Lowest initial and long term cost for high torques.



The easily replaceable grid in a Falk Steelflex Grid Coupling combines the high- load capabilities of a gear coupling with the flexibility of an elastomer design. Backed by a 5- year warranty, Falk Steelflex couplings require no periodic maintenance when lubricated with Falk supplied LTG (Long Term Grease) at installation. Steelflex is the ideal coupling for gear driven, positive displacement, and high capacity pumps!

Freedom Disc Coupling



No Lubrication - No Maintenance

- 42 sizes, 20 types.
- Torsionally rigid.
- Stainless steel disc/ disc- pack flexing element.
- Bores to 400 mm (15.75 inch).
- Capacities to 313 210 Nm (2,772,000 lb- in).
- Low long term cost.



Close tolerances and registered fits allow Falk Freedom Disc Couplings to provide continuous high- speed service with virtually no maintenance. Falk's one- piece discpacks assure simple maintenance and a "no backlash" connection. Falk Disc Couplings are backed by a 3- year warranty and provide a practical alternative to lubricated and elastomer couplings for many applications. Freedom is the answer for pumps; where high reliability is demanded!

Lifalign Gear Coupling



Economical - Long Lasting

- Flanged sleeve, continuous sleeve
- 28 sizes, 13 types.
- Torsionally rigid.
- Precision- crowned, gear- to- gear flexing element.
- Bores to 1 093 mm (43 inch).
- Capacities to 8 191 813 Nm (72,500,000 lb- in).
- Lowest initial cost for high capacities.



Triple- crowned for maximum capacity, Falk Lifalign Gear Couplings have bigger bores and higher ratings providing lower cost selections. When used with Falk LTG (Long Term Grease) Falk Gear Couplings are backed by a 3- year warranty. Lifalign couplings make a great choice for axial impeller adjustment and high torque requirements!



Orange Peel® Rotating Shaft Guards

installed in 3 easy steps: make 3 simple measurements; using dimensioned trim lines; make 3 quick trim cuts, then simply fit the hardware. In less than an hour, Orange Peel can have you up and running. Optional ANSI and ISO safety labels are also available.

Just Trim & Fit - Orange Peel's patented trim-and-fit design revolutionizes equipment guard convenience and value, so you can get the job-site safety you want without the expense and long lead times of custom engineered guards.

Because Orange Peel guards are sized to your overall application, they can be



Type MCG Polyethylene Guards (Low Cost)

Close Coupled Coupling Applications
3 sizes (05-25)

Diameters to 9.63" (245mm)
High Impact Polyethylene
Molded Safety Orange, Yellow, or White
Stainless Steel Hardware
Radial Vents
Molded ANSI Warning Labels
Optional Risers
-40° F to 170° F (-40° C to 77° C)
Hinged Access for Maintenance
Availability from Stock



Type PCG Polyethylene Pump Guards

Pump spacer coupling applications
Most Standard ANSI and ISO pumps
Diameters up to 6.38" (162mm)
High Impact Polyethylene
Molded Safety Orange and Yellow
Powder coated leg kits
Stainless Steel Fasteners
Axial vents
Standard ANSI Warning Labels
-40° to 170°F (-40°C to 77°C)
Hinged Access for Maintenance
Availability from stock



Type CCG Polyethylene Guards

Close Coupled Coupling Applications
4 sizes (20-50)
Diameters to 18.5" (470 mm)
High Impact Polyethylene Plastic
Molded Safety Orange
Stainless Steel Hardware
Radial Vents
Standard ANSI Warning Labels
Optional Pedestal & High Base (30-50)
-40° F to 170° F (-40° C to 77° C)
Hinged Access for Maintenance
Availability from Stock



Type CFCG Metal Guards

Close Coupled & Fluid
Coupling Applications
5 sizes (30-70)
Diameters to 30" (762 mm)
Steel Body/Aluminum Extensions
Powder Coated Safety Orange
Stainless Steel Hardware
Axial Vents
Standard ANSI Warning Labels
Optional Pedestal Base & High Base
-40° F to 300° F (-40°C to 149° C)
Hinged Access for Maintenance
Availability from Stock



Type SCG Aluminum Guards

Spacer Coupling Applications
3 Sizes (30- 50)
Diameters to 18.5" (470mm)
Aluminum Components
Powder Coated Safety Orange
Aluminum Hardware
Radial Vents
Standard ANSI Warning Labels
Optional Pedestal & High Base
-40° F to 300° F (-40° C to 149° C)
Hinged Access for Maintenance
Availability from Stock



Type LCG Aluminum Guards

Line Shaft Applications
7 Sizes (10- 70)
Diameters to 15" (381mm)
Lengths to 96" (2 438mm)
Aluminum Components
Optional Galvanized Mounting Legs
Optional End Caps
Powder Coated Safety Orange
Optional ANSI Warning Labels
-40° F to 300° F (-40° C to 149° C)
Availability from Stock