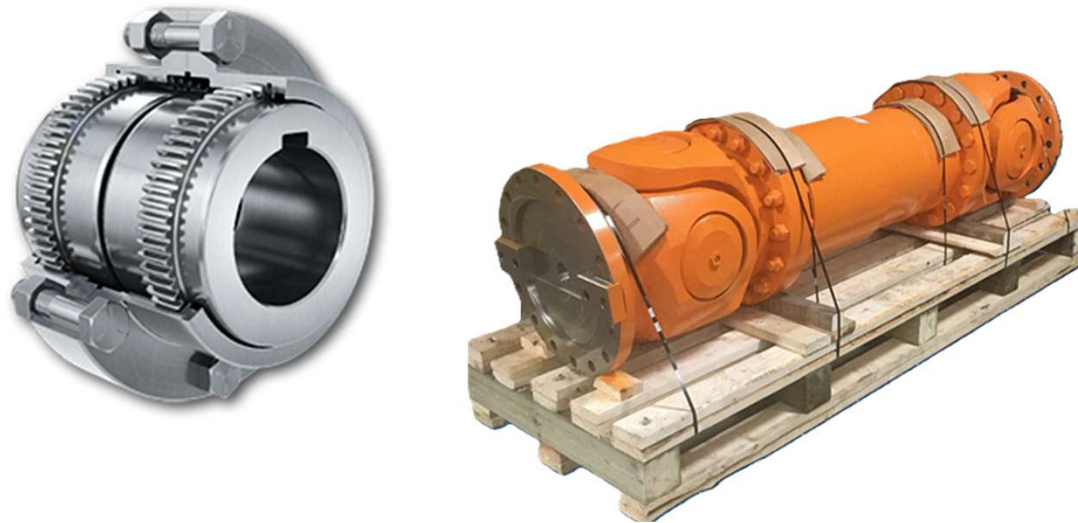


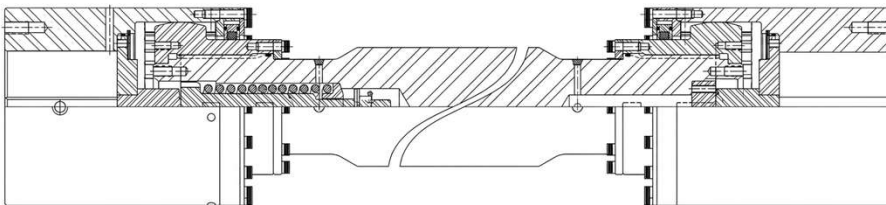
Your benefit is our motivation

RINGSPANN®



RINGSPANN Corporation Heavy Duty Coupling Products

- **Standard AGMA Couplings**
- **Large and Modified Couplings**
- **Universal Joints**
- **Special Gear Spindles**



Company Information

RINGSPANN USA

RINGSPANN®

Locations:

Franklin Park, IL (next to O'Hare/Rosemont)
Oconto Falls, WI – Coupling and Drive Shaft Manufacturing
Fort Worth, TX – Drive Shaft manufacturing and repair



Knowledgeable Staff:

Over 100 years of coupling experience

Great Products:

Complete portfolio of Power Transmission Products

Our Commitment:

To solve your power transmission challenges



Company Information

Industries Served

RINGSPANN®

Industrial Gears and Geared Motors



- Geared motors
- Electric motors
- Industrial gears
- Drive units
- Production of gear wheels and gear parts

Mining



- Belt conveyors
- Bucket elevators
- Stackers and reclaimers
- Bucket wheel excavator
- Crusher
- Mining machines

Harbour and Industrial Cranes



- Portal cranes
- Stacking cranes
- Overhead cranes
- Luffing cranes
- Jib cranes

Steel and Metal Plants



- Casting processes & foundry equipment
- Rolling mill drives
- Hot strip rolling mills
- Cold rolling mills
- Plate, tube and beam rolling mills
- Slitting plants and galvanising plants

Cement Plants



- Crushers
- Rotary kilns
- Raw mills
- Cement mills
- Ventilation systems

Material Handling and Intralogistics



- Stacker systems
- Hoists and winches
- Continuous conveyors
- Conveyor belts
- Elevators and escalators

Marine and Offshore



- Unlocking and release devices
- Propulsion systems
- Hybrid drives
- Loading and unloading systems
- Production of engine parts
- Rope and pipe tensioning devices

Energy Plants



- Wind turbines
- Hydro power plants
- Power station engineering
- Emergency power supply
- High-voltage switches

RINGSPANN Heavy Duty Couplings

Characteristics

- AGMA standard through size 7
- Made in USA – Chicago and Green Bay
- Coupling halves bolt directly to all major brands
- Long sleeve tooth design allows for reverse mount
- RINGSPANN can rebores or customize in house
- Competitively priced
- Larger and Modified options may include different length through bore, higher capacity materials, different axial travel requirements, and more!



Competitive Interchanges

Example

Falk G series

1015G20

Lovejoy F series

F 1.5

Ameridrives F 200 series

F 201.5

SCI F series

F 1.5

Kopflex H series

1.5H

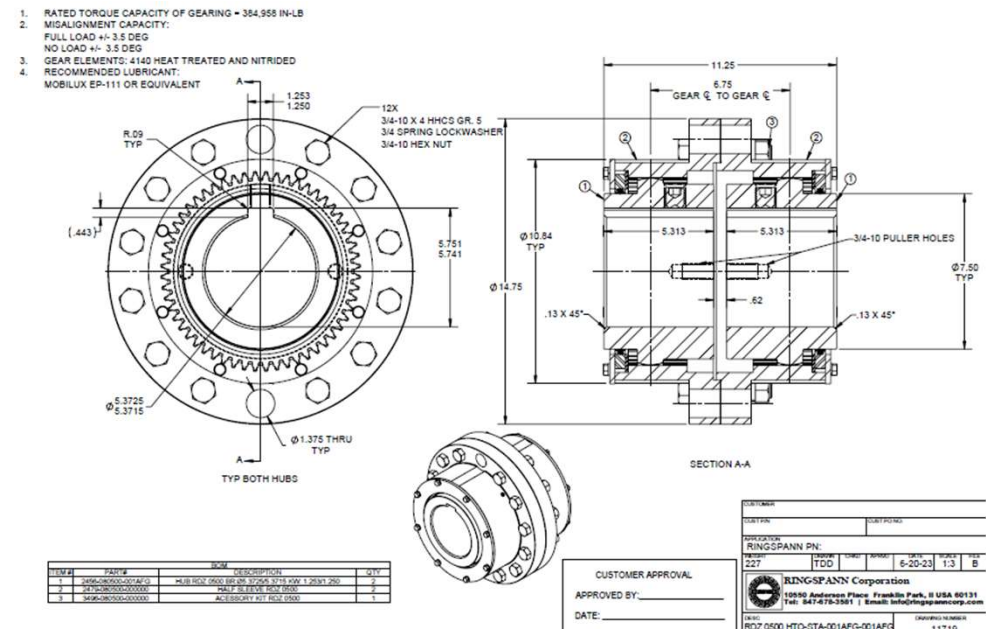
Couplings

High Misalignment Gear Couplings

RINGSPANN®

H Series and A Series High Misalignment Gear Couplings:

- H series - Same flange connection as Renold D Series
- A Series – Same flange connection as Ameridrives SF Series (AGMA Standard 1 through 7 Gear Coupling)
- 3 ½ Degree misalignment capacity
- Made from AISI 4140 HT material with nitrided gearing
- Rising O ring Seal Connection



Couplings

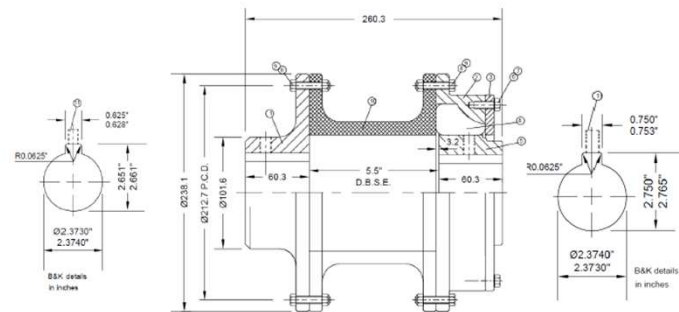
Rubber in Compression Couplings

RINGSPANN®

Rubber in Compression Couplings RSRB Series

- Fail safe design
- Rubber in Compression transmits required torque
- ½ degree misalignment capacity
- Zero Backlash
- Maintenance Free
- Reduces torque spikes in the system and saves wear and tear on connected equipment
- Various block grades and hardness available
- Only replacement parts are the blocks which can be easily replaced

* COUP. TECH. DETAILS
Tkmax = 1720 Nm



REV 01		B&K modified for DIF	
30/04/2023	1807 02		
24/02/2023	1807 02		
NO.	DESCRIPTION	QTY	MAT.
1	DRIVING FLANGE	01	S.G. BRON.
2	OUTER MEMBER	01	S.G. BRON.
3	COVER	01	M.S.
4	RUBBER BLOCK	12	SRB-SBR70
5	INNER MEMBER	01	S.G. BRON.
6	SET SCREW	06	ME
7	WASHER	06	ME
8	FITTED BOLT	12	M10-BLACK OXIDE COATED
9	WASHER	12	M10-BLACK OXIDE COATED
10	SPACER	01	S.G. BRON.
11	DRIVE SCREW	02	M12



NO.: 3892857/02/404

PART NAME		MATERIAL	
RSRB 24 SPACER COUPLING WITH BLACK OXIDE		----	
RINGSPANN Corporation 10550 Anderson Place Franklin Park, IL USA 60131 Tel: 847-678-3581 E-mail: info@ringspanncorp.com			
DRAWN BY	EN	DATE	DRAWING NUMBER
ENG		5/23/23	4410-460024-00001
CHECK	REVISION	SCALE	PART NUMBER
	2		4410-460024-00001

Characteristics

- Maintenance friendly - minimal lubrication
- High misalignment capacity
- Minimal backlash
- Price and delivery competitive
- Technical and engineering support available
- Repair and rework of competitor assemblies available
- Cross and bearing kits available for most brands
- Standard and custom-built units available



Competitive Interchanges

Ameridrives	Closed Eye Yoke Design
Voith	Closed Eye Yoke Design
Johnson Power	Closed Eye Yoke Design
GWB	Open Eye Yoke Design
Dana Spicer	SAE Design

Couplings Universal Joints

RINGSPANN®

Applications

- Hot and Cold Aluminum and Steel Rolling Mills
- Tube, Bar, Rod and Structural Mills
- Rubber Extruders
- Oil and Gas Fracking

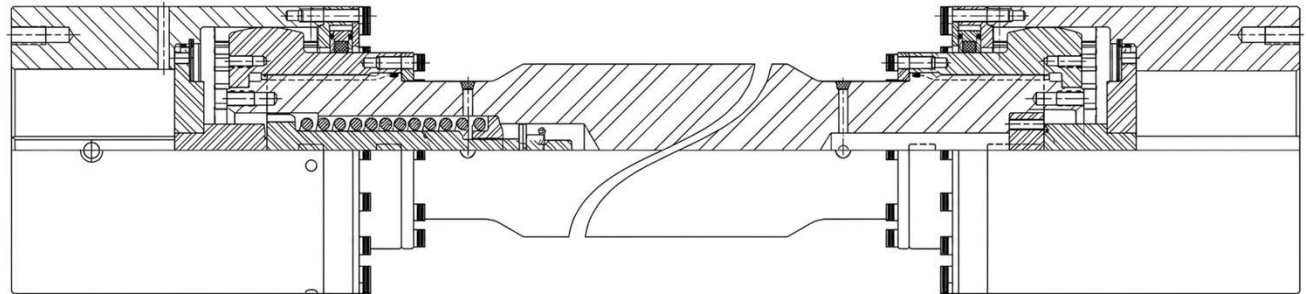


RINGSPANN Heavy Duty Couplings

Couplings Special Gear Spindles

RINGSPANN®

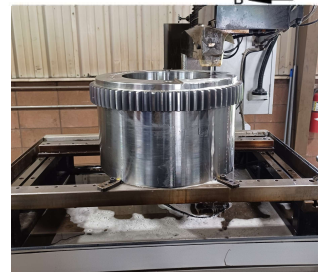
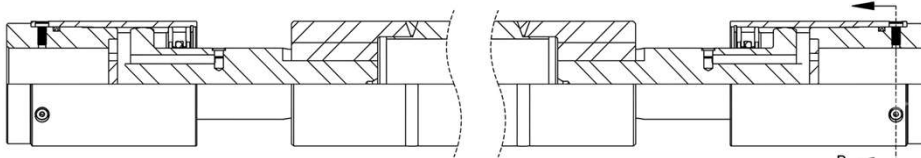
Special Gear Spindles Heavy Duty Mill Spindles Leveller Spindles



Ringspann has over 100 years of engineering experience for the special requirements related to gear tooth geometry and design.

Applications

- Hot and Cold Aluminum and Steel Rolling Mills
- Metals Processing
- Levelers
- Tube, Bar, Rod and Structural Mills



Couplings Special Gear Spindles

Special Gear Spindles
Heavy Duty Mill Spindles
Leveller Spindles

Ringspann over the last six years, made company acquisitions and large capital investments in machinery for these special large gear machining requirements. There are more to come along with facility expansions.



Five EDMs



RINGSPANN®



Characteristics

- Component level interchangeable with major brands. (Larger sizes may require several components, such as cover, grid, and seal kit.)
- RSB delivery from stock in Chicago through size 1200
- Some finish bores in stock, and more are being added regularly
- RINGSPANN can rebore in house
- Competitively priced

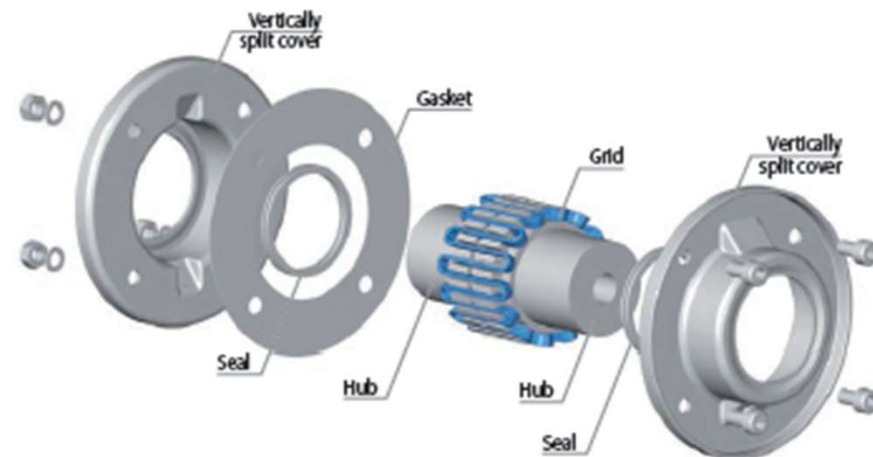
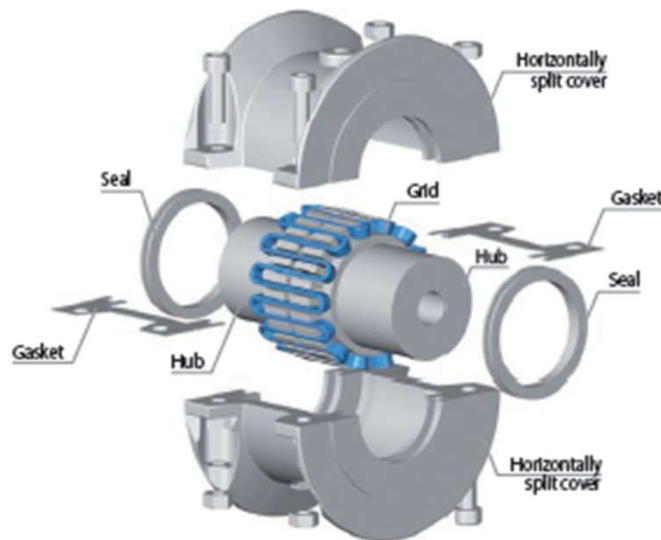


Competitive Interchanges

Falk Steel Flex T series	1070T10
Lovejoy Grid series	1070
Kop Flex Kop Grid series	1070
Dodge Grid-Lign T series	1070T10
Morse/Browning Grid-Flex	GF2070H

Currently Available

- Horizontal split cover & vertical split cover
- Standard hub configuration available from stock
- Specials on request: brake disc coupling, spacer coupling, etc.



Couplings - RFK Rigid Flange – Moment Coupling

RINGSPANN®

Characteristics

- Low speed connection between gearbox and conveyor pulley
- Mechanically induced friction connection
- Piloted - simple alignment
- Small axial space required for installation
- Quick disassembly for minimal downtime (w/o special tools)
- Internal locking elements standard
 - No fretting corrosion
 - Inch or metric
 - With or without keyway



RFK Benefits

- Cost Savings with Shaft Mounted Drives, as expensive foundations are not required
- Simple alignment due to male/female register feature
- Small axial space required for installation of drive assembly
- Short assembly times, quick disassembly for minimal downtime
- Only requires basic (common) tools
- Allows for high shaft tolerances, common on worn shafting
- No fretting corrosion on mounted shaft translates to ease of removal
- Maximum torsional stiffness, backlash free
- Standard Bore tolerance can work with range of m6-h8 shaft tolerances. Other tolerances can also be accepted with bore modification.

A Global Company RINGSPANN Group

RINGSPANN®

Company



Headquarters

Bad Homburg, Germany

Founded

1944

Subsidiaries

17

Manufacturing plants

8

Employees

500

Customers

> 6,000 a year

Product range

Power Transmission
Clamping Fixtures
Remote Control Systems

Company profile

Innovative achievements have made RINGSPANN a leading manufacturer for Power Transmission Components, Clamping Fixtures and Remote Control Systems. Many well-known companies from the machine building, the material handling, the energy as well as the aerospace industries successfully work with RINGSPANN. With more than 75 years' experience in development, design and manufacturing, we are experts in intelligent technical solutions.

From our headquarters in Bad Homburg, Germany, 500 employees in 17 international companies provide personal service onsite and ensure speedy and reliable delivery. Manufacturing plants in the most important regions of the world make flexible and customer-orientated production possible.

Customer service is close to our heart; we want you to continue to choose RINGSPANN.

Key

- Sales company
- Manufacturing plant
- Sales partner



Contacts and Service

RINGSPANN®

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