



# STRONG BACK

## RC COUPLINGS ||||

Engineered for Strength and Precision  
Beneath the Surface

THE MOST  
**COMPLETE**  
LINEUP OF **SHIELDED RC COUPLINGS**  
ON THE **MARKET**

UP TO  
**10X**  
GREATER STRENGTH AND  
**SHEAR RESISTANCE**  
THAN STANDARD FLEXIBLE COUPLINGS

CONNECT TO THE  
**LARGEST**  
RANGE OF **PIPE SIZES IN**  
THE **INDUSTRY**



(810) 503-9000



[www.fernco.com](http://www.fernco.com)



# 1000 RC Series

## UNMATCHED STRENGTH & FLEXIBILITY

The 1000 RC Series delivers superior durability with 300 stainless steel shear rings, 301 stainless steel worm gear clamp bands, and 305 stainless steel clamp screws.

## ENGINEERED FOR ANY PIPE, ANY JOB

Designed to fit any pipe size or material, the 1000 RC Series offers a custom connection for a secure and precise fit every time.

## RELIABILITY YOU CAN TRUST

Built for both new installations and repairs, this coupling solution ensures a dependable, leak-proof connection in any application.



NUT & BOLT  
CLAMPS

# 5000 RC Series

## MAXIMUM STRENGTH, UNMATCHED RELIABILITY

The 5000 RC Series is built for high-pressure, heavy-load, and high-vibration applications, delivering superior durability and long-term performance.

## ENGINEERED FOR EXTREME CONDITIONS

Featuring 316 stainless steel nut and bolt clamp bands (6" and larger), the 5000 RC Series provides a more secure and powerful connection than standard worm gear clamps.



WORM GEAR  
CLAMPS

## HIGHER CLAMPING FORCE, SUPERIOR SECURITY

The nut and bolt design ensures a tighter, more robust fit, making it the ideal choice for demanding environments where failure is not an option.

NEW

# 6000 RC Series

AMERICAN IRON AND STEEL (AIS) COMPLIANT

## BUILT FOR COMPLIANCE, ENGINEERED FOR STRENGTH

The 6000 RC Series meets AIS and BABA standards while delivering superior durability and reliability.

## FULLY COMPLIANT, UNCOMPROMISING PERFORMANCE

Made with AIS and BABA-approved materials, the 6000 RC Series ensures your projects meet federal requirements without sacrificing quality.

## AMERICA'S CHOICE FOR RELIABLE COUPLINGS

Built with domestically sourced PVC and stainless steel, the 6000 RC Series supports American manufacturing while ensuring top-tier performance.

# XL RC Series

## UNRIVALED STRENGTH, MAXIMUM COVERAGE

The Strong Back XL RC Series delivers up to 50% greater coverage and 25% more applied load strength, outperforming standard RC couplings.

## ENGINEERED FOR HIGH-PRESSURE DEMANDS

Designed for the toughest applications, this series ensures secure, leak-proof connections in even the most complex installations.

## MORE COVERAGE, MORE STRENGTH, MORE RELIABILITY

With superior reinforcement, the Strong Back XL RC Series provides unmatched durability for high-stress environments.

## COMPARISONS CHART STRONG BACK RC COUPLING SERIES

Series	ASTM D 5926	ASTM C 1173	CSA B602	Shield Material	Band Type	Band Material	Band Screw	Pipe Range	ASA & BABA Compliant	Max Test Pressure
1000 RC	✓	✓	✓	300 Stainless	Worm Gear	301 Stainless	305 Stainless			4.3 PSI
5000 RC	✓	✓	✓	300 Stainless	Nut & Bolt	316 Stainless	305 Stainless			4.3 PSI
6000 RC	✓	✓	✓	300 Stainless	Worm Gear	301 Stainless	305 Stainless		✓	4.3 PSI
XL RC	✓	✓	✓	300 Stainless	Worm Gear	301 Stainless	305 Stainless	1-1/2" - 12"		4.3 PSI