

SPIROL®

THRUST WASHERS

COST-EFFECTIVE SOLUTIONS IN HIGH-WEAR APPLICATIONS

Spirol precision-engineered thrust washers feature less wear and longer life for reduced serviceability costs in a variety of high-wear applications including heavy equipment, automotive, transmission, and industrial power generation.

APPLICATIONS

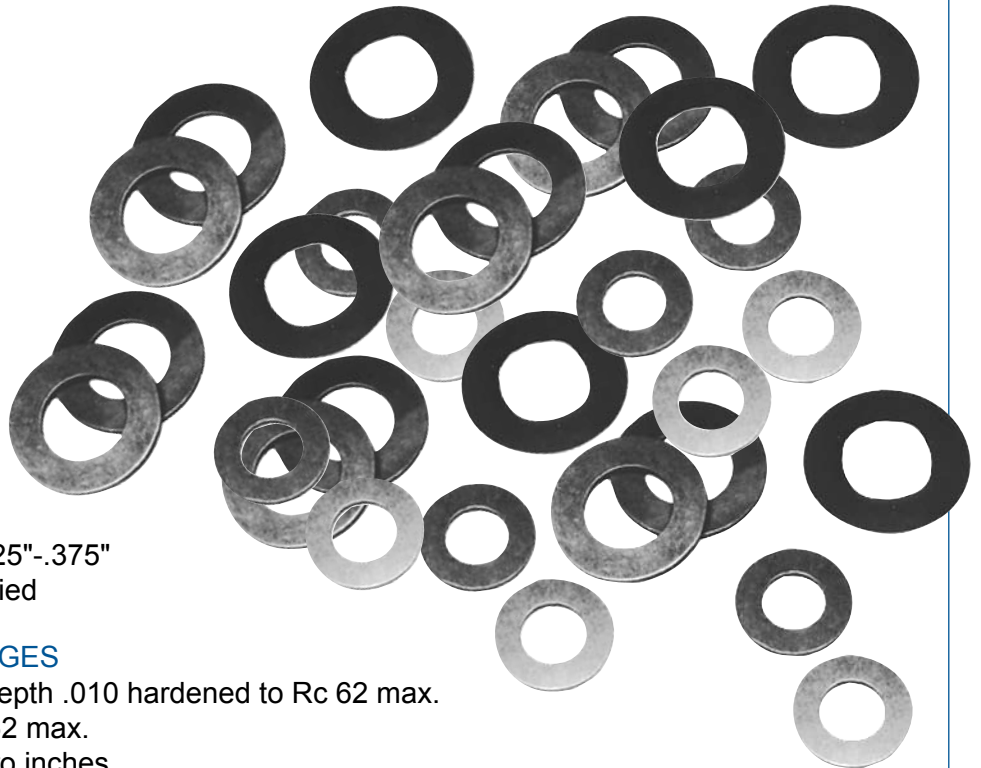
- Transmissions
- Power Take-Offs
- Pumps
- Axle Assemblies
- Motors
- Winches
- Rotating Assemblies

MATERIALS

- 1018-1095 Carbon Steel
- 52100
- 8620
- 4130
- Materials available in thickness ranges from .025"-.375"
- All materials are mil certified

SPIROL IN-HOUSE ADVANTAGES

- Case hardened — min. depth .010 hardened to Rc 62 max.
- Thru hardened — to Rc 62 max.
- Surface finishes to 8 micro inches
- Sizes ranging from .25" min. ID to 8" OD +/- .001
- Can hold flatness without grinding up to .0015 per inch.
With grinding and lapping tighter flatness tolerances can be held.
- Grinding/lapping
- Deburring/micropolishing
- Machining for tight tolerance diameters
- Tukon and hardness testing done in-house
- MIL-H-6875
- KanBan services available upon request



FREE CONSULTATION

Spirol engineers assist customers in the design of thrust washers to meet their specific application needs and provide experience-based recommendations in terms of design, finish, hardness, materials, and economy.

QS/AS-9000 CERTIFIED



Innovative fastening solutions.
Lower assembly costs.



Challenge Us!

SPIROL Application Engineers will review your application needs and work with your design team to recommend the best solution. One way to start the process is to visit our **Optimal Application Engineering** portal at www.SPIROL.com.

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