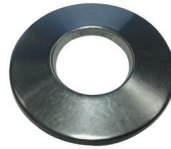




17-7 PH STAINLESS STEEL | ASTM A693

- Operating temperature range
- -320°F / -200°C to 550°F / 288°C
- For indoor/outdoor service, electrical & corrosive atmospheres
- Not recommended for extreme chloride or fluoride applications without plating to reduce stress
- Suitable for cryogenic applications
- Highly magnetic
- Solon proprietary condition results in improved spring properties and corrosion resistance
- Alternate material conditions include TH1050, TH1075, RH950 & CH900
- Standard finish: Scale-free plain finish
- Also available: Sulfamate nickel plated (AMS 2424)



301 STAINLESS STEEL | ASTM A666

- Operating temperature range
- -400°F / -240°F to 550°F / 288°C
- For indoor/outdoor service, electrical & corrosive atmospheres
- Slightly magnetic due to work hardening
- Standard finish: Scale-free plain finish



510 PHOSPHOR BRONZE | ASTM B103

- Operating temperature range
- -400°F / -240°F to 300°F / 150°C
- For use with copper bus and silicon bronze bolts and nuts
- Extremely durable
- Non-magnetic
- Standard finish: Scale-free plain finish



AISI 6150 ALLOY | ASTM A506 / 1074 CARBON STEEL | ASTM A684

- Operating temperature range
- -40°F / -40°C to 350°F / 177°C
- For indoor/outdoor service, electrical & corrosive atmospheres
- Abrasion-resistant
- Suitable for many general engineering applications requiring high tensile strength and toughness
- Fully magnetic
- Standard finish: Mechanically Zinc Plated with Trivalent Chromate (ASTM B695, Class 12, RoHS compliant)
- Also available: Scale-free, oil finish, or Zinc Phosphate and oil finish



INCONEL 718 | ASTM B637 OR B670

- Operating temperature range
- -400°F / -240°F to 1100°F / 594°C
- For indoor/outdoor service, high-temperature applications or corrosive atmospheres
- Non-magnetic
- Available in NACE MR0175 condition
- Standard finish: Scale-free plain finish



H-13 TOOL STEEL | ASTM A681

- Operating temperature range
- Ambient to 1100°F / 594°C
- For indoor/outdoor service and high-temperature atmospheres
- Fully magnetic
- Finish: Black Oxide AMS 2485 (BOOC)



SOLON® BELLEVILLE SPRINGS & WASHERS PRODUCT MATERIAL GUIDE

