

Corrosion resistance

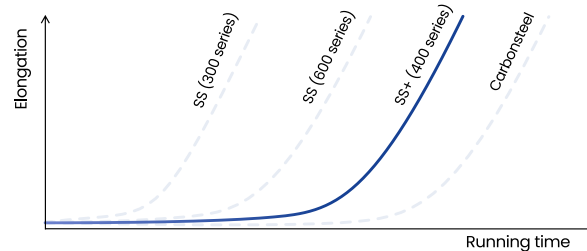
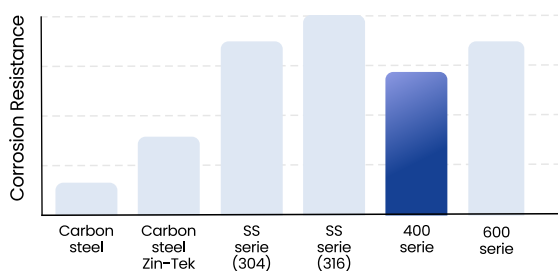
Exceptional durability

SS304 roller, bush and plate

SS420 pin with a hard chromized coating

## SS+ 400 serie

The Donghua SS+ 400 Roller Chain is designed for applications requiring exceptional durability and corrosion resistance. Featuring SS304 plates, rollers, and bushes, it offers excellent rust protection. The SS420 pins, coated with a hard chromized layer of 1100 HV, ensure a long service life. The SS+ 400 serie has slightly less corrosion resistance than the SS 300 serie. Additionally, the hard chromized pin is not suitable for harsh chloride environments.



### Technical highlights

- SS420 pin (1.4021) with a hard chromized coating
- SS304 (1.4301) bush, roller, and plates
- Good corrosion resistance, slightly lower than SS and SS 600
- Temperature range: -40°C to +400°C
- Chains pre-tensioned at 40–50% of the breaking load
- Excellent wear resistance in water, dry, and humid environmental conditions
- Extremely long service life
- Chains are pre-loaded at 40–50% of the breaking load
- Pre-lubricated with LT food-grade lubricant (temperature range: -40°C to +60°C)
- Alternative lubricants available upon request for special applications

### Industries

- Food industry
- Chemical industry
- Pharmaceutical industry
- Textile industry
- Sanitation industry
- Electrical industry