KSTRONG®
UNRIVALED SAFETY.

COMPARISON

GALVANIZED STEEL | 304 STAINLESS STEEL | 316 STAINLESS STEEL



Features	Galvanized Steel	304 Stainless Steel	316 Stainless Steel
Composition	Carbon steel coated with zinc	Chromium (~18%), Nickel (~8%)	Chromium (~16-18%), Nickel (~10-14%), Molybdenum (~2-3%)
Corrosion Resistance	**Moderate** - zinc coating provides depleting protection	**High** - good resistance to rust and oxidation	**Excellent** - superior resistance, especially to chlorides & harsh chemicals
Durability	**Good** - but coating will wear off over time	**Better** - solid corrosion resistance and longer lifespan	**Best** - highly durable even in aggressive environments
Surface Finish	Dull gray, uneven	Brighter, smoother, aesthetically pleasing	Similar to 304, with additional pitting resistance
Maintenance Needs	**Moderate** - May require re-coating if zinc layer degrades	**Low** - easy to clean, resists stains	**Very low** - excellent for marine or chemical environments
Resistance to Saltwater	**Poor** - zinc corrodes quickly	**Moderate** - may corrode over time	**Excellent** - ideal for coastal/marine exposure
Chemical Resistance	**Poor** - not suitable for acidic/chemical exposure	**Good** - resists many household chemicals	**Excellent** - resists acids, chlorides, and chemicals
Harsh Environments	Not suitable for highly corrosive environments	Suitable for indoor and general outdoor use	Suitable for harsh outdoor and marine environments

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