

ZT68 High-Strength Aluminum Alloy Bolts

Up to 65% lighter than steel with automotive-grade strength.

Key features: One-piece flange | Anodized anti-galvanic | 150°C stable | Friction 0.09-0.15

SPECIFICATION	DETAIL
Tensile strength	~ 630 MPa
Yield strength	~ 500 MPa
Elongation	>= 8%
Temperature stability	Stable up to 150°C
Weight saving vs. steel	Up to 65%
Friction coefficient	0.09 - 0.15 (controlled)
Head design	One-piece flange, cold-forged
Corrosion resistance	Anti-galvanic; anodized, 60-day neutral salt spray

All specifications are typical values; final parameters are qualified per drawing and lot. For custom specifications, tolerances or samples, contact our engineering team: Louis.Liu@zcjtech.com.