

# Clamp Load Loss Test & Results

## Test Conditions

- M10X1.5 fastener tightened to 36kN
- ZN NI electroplate finish on bolts
- NyShield® thickness 50-75 microns

Average % Load Loss after 24 hrs*		
Temperature	NyShield® Coated Bolts	Control Bolts
22 °C	1.02%	0.97%
100 °C	1.71%	1.57%
125 °C	2.45%	1.76%

\*Average of 6 samples reported at each condition

No significant difference was found for NyShield® coated and control bolts at 22°C, 100°C, & 125°C

Clamp Load Loss  
NyShield® v. Control

