

ANTI-SEIZE	TORQUE COEFFICIENT	FRICTION COEFFICIENT
ANTI-SEIZE LUBRICANT (SILVER) P/N 80078	0.18	0.1206
COPPER ANTI-SEIZE P/N 31163	0.18	0.1206
NICKEL ANTI-SEIZE P/N 77164	0.13	0.0871

SUBJECT: Friction coefficient of Anti-Seize products

The method used to determine coefficient of friction follows the formula:

$$T = KFD$$

Where:

T = torque (in/lb, ft/lb, N/m)

F = clamp load (lb, N)

D = nominal diameter of bolt (in.)

K = torque coefficient or nut factor (determined experimentally)

-VARIES FOR DIFFERENT SUBSTRATES

Friction coefficient is than calculated as 2/3 (67%) of torque coefficient (K)

For the three types of Anti-Seize available from Permatex ... the following chart illustrates both torque coefficient and friction coefficient: