Technical data
Ceramslip

Metal free anti-seize

Description

MOLYSLIP CERAMSLIP is a premium performance, metal free anti-seize compound formulated to protect fasteners from seizure induced by extremes of temperature, pressure and corrosion. The fully synthetic base fluid contains a unique combination of micronized, non-metallic particles to provide excellent lubrication and protection to threads and components.

MOLYSLIP CERAMSLIP is resistant to extreme temperatures - up to 1500°C due to the ultra-high melt point solids that remain stable where traditional filler metals would fail. The non-metallic nature also means that the risk galvanic corrosion due to the presence of dissimilar metals is eliminated. MOLYSLIP CERAMSLIP is suitable for use on brake assemblies, all studs, nuts, bolts and other threaded connections, including exhaust systems and manifolds.

Features and benefits

- High temperature capability - up to +1500°C
- Ensures consistent friction between threads
- Protects against galling and seizure
- Excellent protection against rust and corrosion
- Eases assembly and dismantling of components

Instructions for use

MOLYSLIP FOODSLIP should be used as supplied. Ensure surfaces to be treated are clean and dry - free from oil, grease or dirt contamination. Apply a thin even coating by rubbing onto the surface with a lint free cloth.

Packaging

500g tin

Molyslip Atlantic Limited, 4 Huntsman Drive, Northbank Industrial Park, Irlam, Manchester, M44 5EG, UK
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Company registration number: 02664511; Company registered in England VAT registration number GB578295191

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Technical data (typical values)

Property	Result
Appearance	Smooth beige paste
Consistency	NLGI 1
Drop point	>300°C
Effective temperature range	-100°C up to +1500°C

When a compound is applied to a threaded fastener that will be tightened to a specific torque setting, the torque setting will require adjustment to allow for the lubricating effect of the compound. Failure to do so can result in incorrect tension in the fastener. Correct torque settings can be calculated using the tables and charts below and the standard thread equation:

$$T = KDP$$

T = Torque (N.m)
D = Diameter (m)
P = Clamping force (N)
K = Nut factor

Material	K Nut factor
8.8 Steel self coloured	0.13
8.8 Steel BZP	0.12
8.8 Steel Hot dip galvanised	0.15
A2 Stainless steel	0.18
Brass	0.11

These results were obtained from the tension-torsion relationship measured on M12 x 50mm setscrews with 1.75mm thread pitch, full nut and form A washers. Fasteners were degreased and a thin layer of compound applied to the thread, underside of bolt head and top of the nut.

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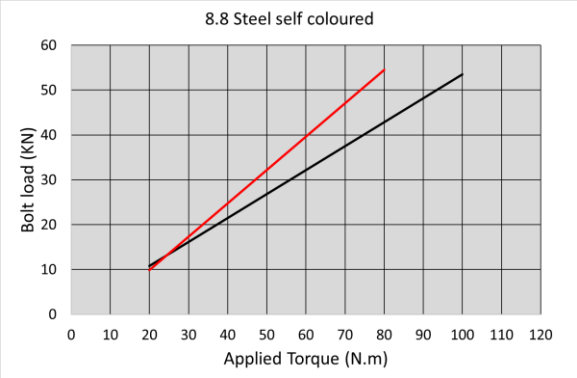

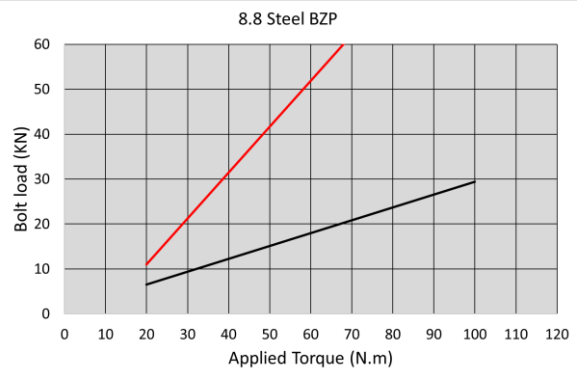

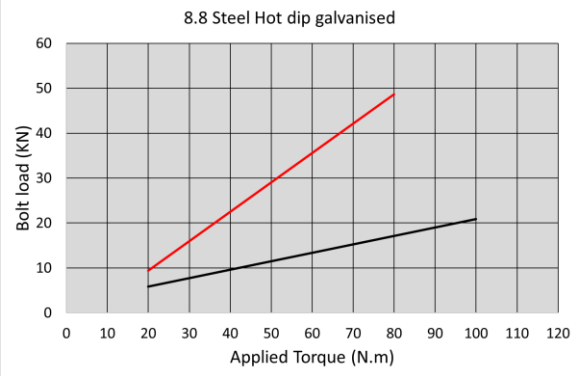

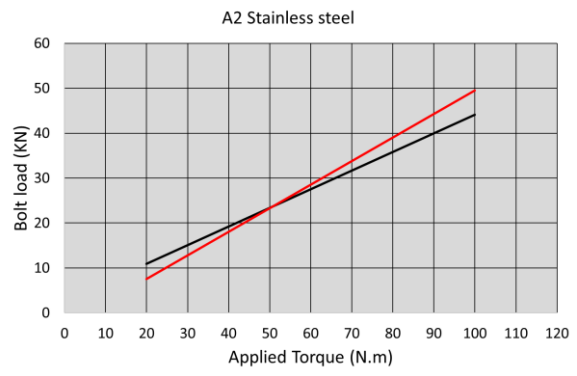

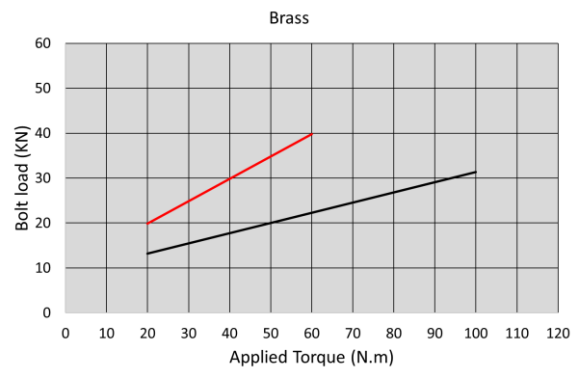

Black = Degreased fastener
Red = Ceramslip

The product information in this publication is based on knowledge and experience at the time of printing. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.
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