



# BUMAX®

## Benefits Of Bumax®

### ***The strongest fastener in the market***

The BUMAX® 88 and 109 fasteners are developed to achieve ultimate tensile and yield strength values in line with those of Steel-screws in class 8.8 and 10.9. The BUMAX® products can also give top performance long after standard fasteners have reached their limits. The difference compared to conventional products is especially noticeable in extreme environments.

### ***.....made from the best material in the market***

The BUMAX® fasteners are manufactured from a new variant of acid-proof Swedish steel SS 14.2343. BUMAX® selected the best from many steels. The striking feature of the steel's composition is its low Carbon content and increased content of Chromium and Nickel. Laboratory tests and practical application have shown that the special composition gives BUMAX® products unsurpassed performance in a number of vital areas.

### ***Superior corrosion resistance***

Corrosion is a very difficult problem in damp and abrasive environments. The combination of low carbon content and the increased content of alloying elements gives the fasteners Bumax 88 and 109 superior resistance to corrosion.

### ***Lower weight, same strength***

As modern constructions develop, BUMAX® are constantly aiming for minimum weight combined with retained or increased strength. BUMAX® 88 and BUMAX® 109 fasteners offer unique strength properties in relation to their weight. Fasteners of conventional standards often need two or three times the weight to manage the same job as a BUMAX® fastener.

### ***Guaranteed traceability***

As extra security, BUMAX® guarantee the total traceability of all BUMAX® products in their original unopened packaging. All the information needed to trace the product back to the chemical composition of the steel and the manufacturing process of the product can be found on the label of the packaging.

### ***Developed for demanding environments***

Water, aggressive liquids, vibration, high pressure, extreme temperatures – today's constructions must be able to withstand many harsh conditions and forces. It is here that the difference between BUMAX® products and conventional fasteners can be most clearly seen. When it comes to high strength, weight minimisation or a corrosive environment, the BUMAX® 88 and 109 fasteners are the superior solution.

