

BUMAX® is Bufab's registered trademark, known as the strongest stainless steel fastener in the world.

BUMAX® is manufactured in our own plants in Sweden and meets the requirements of high demanding customers when it comes to quality, corrosion resistance, high strength, fatigue strength, traceability and heat resistance. We deliver safety and reliability.

Some of the products in the BUMAX® family are completely unique that cannot be found anywhere else on the market. All products have full traceability (3.1 certificates available for each item) and are sourced solely from premium European stainless steel manufacturers according to rigid specifications.

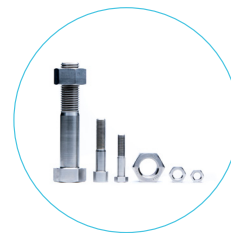
BUMAX AB are accredited according to Norsok M-650, Norsok M-630 MDS D60 and listed as an approved manufacturer on Statoil TR2000. BUMAX® SDX Norsok can be offered in Super Duplex grades UNS S32750 and UNS S32760 for all types of fastener up to 1½".

BUMAX® SDX Norsok fasteners are produced in Sweden, tested and individually marked with full traceability in accordance with the requirements in Norsok M-630 MDS D60 and Statoil TR2000 VN605.

Table 1. Typical chemical composition

Grade	UNS	EN	Chemical composition, weight-%					
			Cr	Ni	Mo	W	Cu	N
BUMAX® SDX NORSOK	S32750	1.4410	25	7	4			0.30
	S32760	1.4501	25	7	3.5	0.75	0.75	0.25

PREN = (%Cr + 3.3x%Mo + 16x%N) ≥ 40.0



Stock

BUMAX® SDX Norsok Studbolts and heavy hex nuts in UNS S32760 are available from stock up to dimension 1½". UNS S32750 or other dimensions can be offered on request.

Properties

Summary of properties of BUMAX® SDX Norsok according to the demands in Norsok M-630 MDS D60 and Statoil TR2000 VN605.

Table 2. Mechanical properties of BUMAX® SDX Norsok according to Norsok M-630 MDS D60

Tensile strength Rm	min 750 MPa
Yield strength Rp_{0.2}	min 550 MPa
Elongation A	min 16 %
Reduction of area RA	min 30 %
Proof load testing on nuts	The load shall comply with A194 grade 7M. M36 (1½") or larger will be hardness tested according to the requirement of 24 to 35 HRC.

Other requirements according to Norsok M-630 MDS D60 and Statoil TR2000 VN605: ASTM G48 method A corrosion testing, Charpy-V impact strength testing, micrographic examination regarding intermetallic phases and ferrite content, penetrant testing.