

## Questions? We're at your service!

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Shutdown Fasteners Specials Belgium



# One supplier for all fasteners: ASTM-studbolts and nuts, Specials and DIN/ISO/NEN-bolts and nuts



#### What is the extra value for your company:

- Many years of experience in this specific branch
- Technical support
- Material knowledge (in view of temperature and required tensile forces)
- Assistance for tightening torques
- Co-thinking to obtain better concepts
- Experience in coatings and fits between nuts and bolts (often an issue with coatings such as PTFE and HDG)
- Support in technical tests : PMI, NDE, Impact, Tensile, Hardness, Proof Load Nace H2S applications, third party inspection
- Personal service and support
- Worldwide deliveries



- Outstanding product knowledge
- Respected partner of many stockists all over Europe
- Experience with DIN/ISO/NEN, ASTM, ASME, AISI, UNS and material numbers
- Quality (European) and high service
- Dedicated stock
- Dimensions from M3 to M200 and 1/4" to 4.1/2"
- Thread types metric, metric fine, UNC, 8UN, UNS, UNF, NPT, WW, ACME
- All coatings/anti-corrosion possible :

Electrolytic Zinc plating (yellow chromated/passivated) Hot Dip Galvanised (HDG - oversized/Iso-fit) PTFE (Xylan 1070, 1424, fluorocarbon) Aluminium-Xylan coating

Xylar-Xylan

Zinc-nickel

Nickel plating

Sherardisation

Sermagard Geomet/ZincFlake

### **ASTM** stud bolts nuts and Hex bolts

(European origin)

- A193-grade B7, B16, B7M, B8, B8CL2, B8M, B8MCL2, B8T - A320-L7, L43, L7M, B8, B8CL2, B8M, B8MCL2, B8T - A194-2H, 3, 4L, 7L, 8, 8M, 8MA, 8T
- internal possibilities for cutting random lengths - according to drawing

#### DIN/ISO/NEN

- A2, A4, 8.8, 10.9, 12.9 - EN14399 HV-HR, EN15048 - according to drawing - 3.1 certificates

## **★★★Exotic specials ★★★**

(acc drawing/sketch, material, length, diameter, shape)

- A453-Grade 660 A-B-C-D
- B8C, B5/3, B6/6, Uranus B6 (904L)
- A540-Grade B21, B22, B23, B24
- Duplex UNS S31803 / super duplex,
- UNS S32760 / UNS S32750 / zeron 100
- Monel 400/K500, Inconel 600/625, Incoloy 800H/825, Hastelloy C276/C4/C22/CX, Nimonic 80A/90,
  - Cunifer 90-10, Alloy 20/25, Titanium
  - German materials: 21CrMoV5.7, 42CrMo4, 25CrMo4, 24CrMo5, C35E, Ck35

#### **Certifications / approvals:**

- 3.1 (material certificates)
- 3.2 (TUV, Lloyds, ABS, BV, DNV)
- 2.2 certificate (chemical analysis)
  - 2 .1 certificate (conformity)
    - ISO 9001-2008
  - Lloyds Remarking Authority - PED
- Full traceability of stock materials