

 FUCHS	MU_FE02	Ersteller: V. Dünkel
	Scope of certification related to the pressure equipment directive 2014/68/EU	Freigabe: F. Stahlschmidt Datum: 05.01.2021 Revision: 01

The quality management system of **FUCHS Schraubenwerk GmbH** covers the **complete company** on both locations with **all the products and processes**. The regulations and the flow described by the integrated management system of FUCHS Schraubenwerk GmbH and the associated instructions **reflect the procedures carried out**.

The following **FUCHS-products** manufactured under these conditions meet the requirements of **AD 2000-Merkblätter W0 and W7** and for certain products, **additional requirements of customers**, if relevant. Therefore, they are generally suitable for applications in accordance to **European Directive 2014/68/EU (PED)**.

Bolts according to the following specifications:

Type of product / product standard	Dimension	Marking	Steel grade / No.	Steel designation	Material standard
Hexagon bolt with shank (Class A+B) ISO 4014	M10 – M39	5.6	no commitment	Carbon steel heat treated	DIN EN ISO 898-1
Hexagon bolt completely threaded (Class A+B) ISO 4017		8.8	no commitment	Carbon steel quenched and tempered	
Stud (Class A) DIN 938, 939 / DIN 940, 949	M10 - M52	KG	1.7218	25CrMo4	DIN 267-13, DIN EN 10269
Other bolts, screws, studs, pins and similar parts with external thread		YK	1.1181	C35E+QT	
		YB	1.5511	35B2 *	
		GA	1.7709	21CrMoV5-7	
		GB	1.7711	40CrMoV4-6	
		GC	1.7225	42CrMo4	
		V	1.4923	X22CrMoV12-1	

Nuts according to the following specifications:

Type of product / product standard	Dimension	Marking	Steel grade / No.	Steel designation	Material standard
Hexagon nut (Class A+B) ISO 4032	M10 – M39	5-2 **	no commitment	Carbon steel not quenched and tempered (QT)	DIN EN 20898-2
Non hexagon nuts and similar parts with internal thread		8		Carbon steel ≤ M16: not QT > M16: just QT	
	M10 – M52	KG	1.7218	25CrMo4	DIN 267-13, DIN EN 10269
		Y	1.1181	C35E+N	
		YK	1.1181	C35E+QT	
		YB	1.5511	35B2 *	
		GA	1.7709	21CrMoV5-7	
		GB	1.7711	40CrMoV4-6	
		GC	1.7225	42CrMo4	
		V	1.4923	X22CrMoV12-1	

* YB: see VdTÜV WB 490

** 5-2: Thomas- or free cutting steel is not permissible