

Scope according to	<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3	<input type="checkbox"/> EN 764-4	<input checked="" type="checkbox"/> AD 2000-Merkblatt W0	<input type="checkbox"/> FPC, Regulation (EU) No. 305/2011(System 2+)								
Manufacturer		Work		Nationality	Date	Page No..						
Company Name: Tong Hwei Enterprise Co., Ltd. Location: 1F, No. 399, Gang Yan Rd., Gang Shan Dist. Kaohsiung City 820, Taiwan, R.O.C.		1F, No. 399, Gang Yan Rd., Gang Shan Dist., Kaohsiung City 820, Taiwan, R.O.C.		Taiwan R.O.C.	2020.08.18	1	TÜV Rheinland Industrie Service GmbH					
					Rev.: 1	of : 2						
Cur -	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max 1=t / 2=kg ↓ res ult	Technical Specifications Requirements Technical Regulations	Remarks	
					Thick-ness mm		Ø mm					
					from	Up to	from	Up to				
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10
2. Materials according to the AD 2000-Code												
The use of the materials according to DGR 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.												
1	A2-50, A4-50, A2-70, A4-70	DIN EN ISO 3506-1 DIN EN ISO 3506-2	+AT	Stainless Steel Bolts/ Nuts/ Screws/ Stud Bolts	---	---	M6	M24	---	---	AD2000 W2, ISO 3269, DIN EN ISO 3506-1/ 2 ISO 68-1, ISO 261, ISO 262, ISO 272	
Remarks	+AT = solution annealed +AR = as rolled +M = thermo mechanical treated +N = normalized or normalizing formed			+NT = normalized and tempered +QT = quenched and tempered +S = soft annealed +SR = stress relieved			a = PMA for the use in pressure equipment in Directive 2014/68/EU necessary					




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1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10
3. Materials according to international standards (e. g. ASTM, ASME, IBR etc.)												
The use of the materials according to DGR 2014/68/EU is bound to the publication of Harmonized European Standards or to the qualification by a European material approval or to the particular material appraisal. With that the manufacturing reliability for equivalent material grades according to other standards (e.g. BS, AFNOR, ASME) is proved. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.												
1	A2-50, A4-50 A2-70, A4-70	EN ISO 3506-1 EN ISO 3506-2	+AT	Stainless Steel Bolts/ Nuts/ Screws/ Stud Bolts	---	---	M6	M24	---	---	EN ISO 3506-1/ 2 ISO 68-1, ISO 261, ISO 262, ISO 272	
2	A2-80, A4-80	EN ISO 3506-1 EN ISO 3506-2	+AT	Stainless Steel Bolts/ Nuts/ Screws/ Stud Bolts	---	---	M6	M24	---	---	DIN EN ISO 3506-1/ 2 ISO 68-1, ISO 261, ISO 262, ISO 272	
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Thun Shiu

