



Scope according to:		<input checked="" type="checkbox"/> Directive 2014/68/EU, Annex I, point 4.3			<input checked="" type="checkbox"/> AD 2000-Merkblatt W 0							
Manufacturer		Work		Country		Date	Page no.	TÜV Rheinland Polska Sp. z o.o.				
Company name: Parth Steel & Engg. Co Location: 89/91, P. S. Ram Mandir Marg, 4th Kumbharwada, Mumbai – 400 004		Sr.No. 5, S.No. 36/3/3/2, Hno.9, H No. 20, S.No. 39/A/7, S.No. 39/A/8/1, Hno. 21, Village – Kadiwali, Sonar Pada Road, Tal- Wada, Dist. Palghar, Maharashtra-421303		India		10-07-2023	1 of 4					
						Rev.: [0]						
Pos.	Materials-term Materials-no.	Material specification	Delivery conditions	Article Type of Product	Dimensions				Weight max.		Technical specifications Requirements Technical regulations	Remarks
					Thickness mm		Ø mm		1=t 2=kg ↓	result		
1	2	3	4	5	6a	6b	7a	7b			8a	8b

**1. Materials according to harmonized European standards (hEN) and European Approval for Materials (EAM) acc. Directive 2014/68/EU**

The use of the materials according to Directive 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	1.4006,1.4057	EN 10272	QT	Bright Bars Flat Bars Hex Bars Square Bars	3 3 3	35 60 60	3 5	160 65				
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Remarks: +AT = solution annealed      +N = normalized or normalizing formed      +S = soft annealed      +H = Age Hardened  
 +AR = as rolled      +NT = normalized and tempered      +SR = stress relieved  
 +M = thermomechanical treated      +QT = quenched and tempered      A = PMA for the use in pressure equipment in Directive 2014/68/EU necessary


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					Thickness mm		Ø mm		1=t 2=kg ↓	result		
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10

**2. Materials according to the AD 2000 Code**

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2	1.4301, 1.4404, 1.4401 1.4541, 1.4571, 1.4307	EN 10272	AT	Bright Bars Flat Bars Hex Bars Square Bars	3 3 3	35 60 60	3 5	160 65			AD 2000 W 2 W10	
3	1.4301, 1.4404, 1.4401 1.4541, 1.4571, 1.4307	EN 10222-5	AT	Forged Bars			100	300				

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**3. Materials according to international standards (e.g. ASTM, ASME, IBR, etc.)**

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3	1.4372,1.4305, 1.4301, 1.4307 1.4301,1.4404, 1.4571, 1.4541 1.4006, 1.4005, 1.4028, 1.4016, 1.4057,1.4462,1.4542	EN 10088-3	AT	Bright Bars Flat Bars Hex Bars Square Bars	3	35	5	65				
4	201, 202, 304,304L,316,316L, 316Ti, 321, 410,430,431	ASTM A 276/ ASME SA 276	AT,S	Bright Bars Flat Bars Hex Bars Square Bars	3	35	5	65				PMA for the use in pressure equipment in Directive 2014/68/EU necessary
5	304,304L,316,316L, 316Ti,321 410,430,431	ASTM A 479/ ASME SA 479	AT,S	Hex Bars Square Bars	3	60						
6	630 (17-4 PH)	ASTM A 564	AT H-1075 H-1100 H-1150	Wire Rod Wire			3	30				

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7	F304,F304L,F316,F316L, F316Ti,F321,F430,F431	ASTM A 182	AT	Forged Bar			100	300					PMA for the use in pressure equipment in Directive 2014/68/EU necessary
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