

Scope	e according to:	☐ Directive 2	2014/68/6	EU, Annex I, po	int 4.3				AD 20	000-M	erkblatt W	0			
	Manufacturer		Work				Country			Date	Page n	Page no. TÜV Rheinland Pols			
Locatio	any name: Parth Steel & Engg. Co on: 89/91, P. S. Ram Mandir Marg, 4th ai – 400 004	Kumbharwada,	20, S.No. 3 21, Village	No. 36/3/3/2, Hno.9 9/A/7, S.No. 39/A/8 – Kadiwali, Sonar Pa Dist. Palghar, Maha	/1, Hno. Ida Road		Ind	ia		.0-07-20 Rev.: [	23 <b>1</b> of		₩.		
Pos.	Materials-term Materials-no.	Material specification	Delivery conditions	Article Type of Product	Thickr mn		ions Ø mi		We ma 1=t 2=kg		Techn specifica Require	ations	Remarks		
					from	up to	rom	up to	Z-kg ↓	result	Technical re	gulations			
	_	3	4	5	6a	6b	7a	7b	8a	8b	9		10		
The use that the	aterials according to harmonize e of the materials according to Directive 201 e manufacturing reliability for equivalent ma material grades listed in column 2 to 4.	d European stand	ards (hEN)	and European A	<b>Approv</b> In Standa	rds or to	the qua	lification	<b>AM) a</b>	cc. Dire	ective 2014	l or to the p			
1. Ma The use that the use of m	e of the materials according to harmonize e manufacturing reliability for equivalent ma material grades listed in column 2 to 4.	d European stand: 14/68/EU is bound to the aterial grades according to	ards (hEN) publication o	and European A f Harmonized Europea rds (e.g. BS, AFNOR, A	<b>Approv</b> In Standa	rds or to	the qua	alification rements a	<b>AM) a</b>	cc. Dire	ective 2014	l or to the p			
<b>1. Ma</b> The use that the	nterials according to harmonize of the materials according to Directive 201 manufacturing reliability for equivalent ma	d European stand	ards (hEN)	and European A f Harmonized Europea rds (e.g. BS, AFNOR, A Bright Bars	Approv in Standa SME) is pi	rds or to roved. Th	the qua e requir	alification rements a	<b>AM) a</b>	cc. Dire	ective 2014	l or to the p			
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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



Scope	e according to:	014/68/EU, Annex I, point 4.3					$\boxtimes$	AD 2	000-M	erkblatt W 0				
	Manufacturer		Work			Country			Date	Page no.	TÜV I	Rheinland Polska Sp. z o.o.		
	ny name: Parth Steel & Engg. Co	Wu na h h a mu a da		No. 36/3/3/2, Hno. 9/A/7, S.No. 39/A/						10-07-20	23 2			
Location: 89/91, P. S. Ram Mandir Marg, 4th Kumbharwada, Mumbai – 400 004			21, Village – Kadiwali, Sonar Pada Road, Tal- Wada, Dist. Palghar, Maharashtra- 421303			d,	India			Rev.: [	of <b>4</b>	W.		
Pos.	Materials-term Materials-no.	Materials-term Material Delivery Article Thicknet		ness	imensions ss Ø mm			eight nax.	Technica specificatio Requireme	ons	Remarks			
					from	up to	from	up to	Z-Kg ⇒	result	Technical regu	lations		
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 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.

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

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Scope	e according to:	014/68/EU, Annex I, point 4.3					$\boxtimes$	AD 2	000-M	erkblatt W 0				
	Manufacturer			Work			Country			Date	Page no.	TÜV R	Rheinland Polska Sp. z o.o.	
	ny name: Parth Steel & Engg. Co	Wu mah ha mu a da		No. 36/3/3/2, Hno. 9/A/7, S.No. 39/A/						10-07-20	<sup>23</sup> 3			
	Location: 89/91, P. S. Ram Mandir Marg, 4th Kumbharwada, Mumbai – 400 004			21, Village – Kadiwali, Sonar Pada Road, Tal- Wada, Dist. Palghar, Maharashtra- 421303				India			of <b>4</b>		W2.	
Pos.	Materials-term Materials-no.	Material specification	Delivery conditions	Article Type of Product	Dir Thickness mm			nsions Ø mm		eight nax.	Technical specificatio Requiremer	ns	Remarks	
					from	up to	from	up to	2=kg ↓	result	Technical regul	ations		
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 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.

3	1.4372,1.4305, 1.4301, 1.4307	EN 10088-3	AT	Bright Bars			3	160		
	1.4301,1.4404, 1.4571, 1.4541			Flat Bars	3	35	5	65		
	1.4006, 1.4005, 1.4028, 1.4016,			Hex Bars	3	60				
	1.4057,1.4462,1.4542			Square Bars	3	60				
4	201, 202, 304,304L,316,316L, 316Ti,	ASTM A 276/	AT,S							
	321, 410,430,431	ASME SA 276	,-							PMA for the use in pressure
				Bright Bars			3	160		equipment in Directive
				Flat Bars	3	35	5	65		2014/68/EU necessary
5	304,304L,316,316L, 316Ti,321	ASTM A 479/	AT,S	Hex Bars	3	60				
	410,430,431	ASME SA 479		Square Bars	3	60				
				Wire Rod			3	30		
6	630 (17-4 PH)	ASTM A 564	AT	Wire			3	30		
			H-1075							
			H-1100							
			H-1150							

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Location: 89/91, P. S. Ram Mandir Marg, 4th Kumbharwada, Mumbai – 400 004			21, Village – Kadiwali, Sonar Pada Road, Tal- Wada, Dist. Palghar, Maharashtra- 421303			d,	India			Rev.: [	of		W2.
Pos.	Materials-term Materials-no.	Material Delivery Article Thick specification conditions Type of Product mi		ness	oimensions ss Ø mm			eight nax.	Technical specifications Requirements		Remarks		
					from	up to	from	up to	Z-kg ↓	result	Technical regu	lations	
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9		10

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	_							1		
7	F304,F304L,F316,F316L,	ASTM A 182	AT	Forged Bar		100	300			
	F316Ti,F321,F430,F431									
										PMA for the use in pressure
										equipment in Directive
										2014/68/EU necessary

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