





Scope according to		<input checked="" type="checkbox"/> Directive 2014/68/EU Annex I §4.3	<input type="checkbox"/> EN 764-4	<input 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: <b>ASCOVAL</b>			F-59880 SAINT-SAULVE		F	11/06/20	1	TÜV Rheinland Industrie Service GmbH				
Location: Z.I N° 4 - Rue du Galibot F-59880 SAINT-SAULVE						Rev.:0	of : 5					
Cur -	Materials-term Materials-No.	Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max  1=t / 2=kg	Technical Specifications  Requirements  Technical Regulations	Remarks  	
					Thick-ness  mm	Ø  mm						
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10
<b>1. Materials according to harmonized European standards (hEN) and European Approval for Materials (EAM) acc. Directive 2014/68/EU</b>												
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	X10CrMoVNb9.1 16Mo3  10CrMo9.10 X10CrWMoVNb9.2	EN 10216-2 EN 10222-2	AR	Semi-finished material for tubes and bars	-	-	140	325			5,3	
2	P355NL1, NL2	EN 10216-3	AR	Semi-finished material for tubes	-	-	140	325			5,3	
3	P355QH1 , P355NH	EN 10222-4	AR	Semi-finished material for bars	-	-	140	325			5,3	
<b>Remarks</b>		+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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					from	Up to	from	Up to				
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10
<b>2. Materials according to harmonized European standards (hEN) and European Approval for Materials (EAM) acc. Directive 2014/68/EU</b>												
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.												
04	13CrMo4.5	EN 10216-2 EN 10273 EN 10222-2	AR	Semi-finished material for tubes and bars	-	-	140	325			5,3	
05	25CrMo4	EN 10216-2	AR	Semi-finished material for tubes	-	-	140	325			5,3	
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					from	Up to	from	Up to				
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10
<b>3. Materials according to harmonized European standards (hEN) and European Approval for Materials (EAM) acc. Directive 2014/68/EU</b>												
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.												
06	P355GH	EN 10273	AR	Semi-finished material for bars	-	-	140	325		5,3		
07	C35E	EN 10269	AR	Semi-finished material for bolting	-	-	140	325		5,3		
08	P235GH, P250GH (C22;8), P265GH, P295GH, P275NH	EN 10273	AR	Semi-finished material for bars	-	-	140	325		5,3		
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<b>5. Materials according to international standards ( e. g. ASTM, ASME, IBR etc. )</b>												
09	25CrMo4 – 34CrMo4 - 42CrMo4 30CrNiMo8	EN ISO 683-2	AR	Semi-finished material for bars	-	-	140	325		5,3	ASME SA 105	
10	A105	ASTM A105	AR	Semi-finished material for bars	-	-	140	325		5,3		
11	30NiCrMo3	EN 10088-1	AR	Semi-finished material for bars	-	-	140	325		5,3		
12	35CrMo4	EN ISO 683-2	AR	Semi-finished material for seamless hollows	-	-	140	325		5,3		
13	S235JRG2, S235J2G3, S275JR, S275J2G3, S355J2G3	EN10025	AR	Semi-finished material for bars	-	-	140	325		5,3		
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<b>6. Materials according to international standards ( e. g. ASTM, ASME, IBR etc. )</b>														
14	P9.1 GRADE F91	ASTM A 182 ASTM A 387	AR	Semi-finished material for bars	-	-	140	325		5,3	ASME SA 182 ASME SA 387			
15	F 22 GRADE 22	ASTM A 182 ASTM A 387	AR	Semi-finished material for bars	-	-	140	325		5,3	ASME SA 182 ASME SA 387			
16	F 12 GRADE 12	ASTM A 182 ASTM A 387	AR	Semi-finished material for bars	-	-	140	325		5,3	ASME SA 182 ASME SA 387			
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