

Scope according to		Pressure Equipment Safety Regulations 2016 SI 2016 No.: 1105 as amended												
Material Manufacturer				Manufacturing plant				Nationality		Date		Page No..		TUV Rheinland UK Ltd
Company Name: Warmpresswerk Max B. Schachmann GmbH				Hauptstraße 29 54570 Niederstadtfeld				german		14.10.22 Rev.: 0		1 of : 1		
Cur-	Product grades (Materials-term / Materials-No.)	Product code or standard (Material Specification)	Delivery Cond.	Product Form (Article, Type of Product)	Product dimensions / quantity (Dimensions)				Weight max 1=t / 2=kg ↓ res ult	Technical Specifications Requirements Technical Regulations		Original material manufacturers QMS Certificate / Remarks		
					Thickness mm		Ø mm							
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10		
<p>The use of the materials according to Pressure Equipment Safety Regulations 2016 as amended is bound to the publication of designated standards 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 PESR must be observed for the use of material grades listed in column 2 to 4.</p>														
01	stainless steel	DIN EN 10222-5	+AT	forging/flange		d		260	2	30	EN 13445, EN 12952, EN12953			
02	P235GH/P245GH	DIN EN 10222-2	+N	forging/flange		d		260	2	30	EN 13445, EN 12952, EN12953			
03	P250GH	DIN EN 10222-2	+N	forging/flange		d		260	2	30	EN 13445, EN 12952, EN12953			
04	P280GH	DIN EN 10222-2	+N	forging/flange		d		260	2	30	EN 13445, EN 12952, EN12953			
05	13CrMo4-5	DIN EN 10222-2	+QT	forging/flange		d		260	2	30	EN 13445, EN 12952, EN12953			
06	P285//355/420NH/QH	DIN EN 10222-4	+N +QT	forging/flange		d		260	2	30	EN 13445, EN 12952, EN12953			
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 PESR 2016 as amended necessary				