

Scope according to		Pressure Equipment Safety Regulations 2016 SI 2016 No.: 1105 as amended												
Material Manufacturer				Manufacturing plant				Nationality		Date		Page No..		
Company Name:		Mclnnes Rolled Rings		1533 E 12th Street, Erie PA. 16511, USA				USA		Oct. 26, 2022		1		TUV Rheinland UK Ltd
Location:		1533 E 12th Street, Erie PA. 16511, USA						Rev.: 0		of : 2				
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		Technical Specifications  Requirements Technical Regulations	Original material manufacturers QMS Certificate / Remarks		
					Thickness mm		Ø mm		1=t / 2=kg					
					from	Up to	from	Up to	↓	result				
1	2	3	4	5	6a	6b	7a	7b	8a	8b	9	10		
<b>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.</b>														
1	ASTM A105 / ASME SA105	ASTM/ASME	AR, N, NT, QT	Forging	-	558	-	3,658	2	4,000	ASTM A105 / ASME SA105	a The conditions AR and QT must deliver with a 3.2 certificate		
2	ASTM A266 / ASME SA266 Grades 2, 4	ASTM/ASME	N, NT, QT	Forging	-	558	-	3,658	2	4,000	ASTM A266 / ASME SA266	a		
3	ASTM A350 / ASME SA350 Grade LF2	ASTM/ASME	N, NT, QT	Forging	-	558	-	3,658	2	4,000	ASTM A350 / ASME SA350	a		
4	ASTM A182 / ASME SA 182 F6A, F22	ASTM/ASME	NT, A	Forging	-	558	-	3,658	2	4,000	ASTM A182 / ASME SA 182	a		
5	ASTM A182 / ASME SA 182 F51, F60	ASTM/ASME	AT	Forging	-	558	-	3,658	2	4,000	ASTM A182 / ASME SA 182	a		
6	ASTM A182 / ASME SA 182 F304/F304L	ASTM/ASME	AT	Forging	-	558	-	3,658	2	4,000	ASTM A182 / ASME SA 182	a		
7	ASTM A182 / ASME SA 182 F316/F316L	ASTM/ASME	AT	Forging	-	558	-	3,658	2	4,000	ASTM A182 / ASME SA 182	a		

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8	ASTM A705 / ASME SA 705 UNS17400	ASTM/ASME	AT	Forging	-	558	-	3,658	2	4,000	ASTM A705 / ASME SA 705	a	
<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 PESR 2016 as amended necessary			

