

Scope according to		⊠ Dii	□ EN 764-4						AD 2000- Merkblatt W0			FPC, Regulation (EU) No. 305/2011(System 2+)				
	Work						Nationality Date		Page No							
Company Na	24 Burgess Pl. Wayne, NJ 07470						USA 11-Feb-20		1		TÜV Rheinland					
											Industrie S		Industrie Service			
Location:	100								Rev.: 0	of:	3	GmbH				
Cur		als-term ials-No.	Material Specification	Delivery Cond.	Article Type of Produc	t	Dimensions			Weight max		Technical Specifications		Remarks		
					Thickness ∅				Ø			Requirements				
					mm m				m	1= 2=		Technical Regulations				
						from	Up	from	Up	↓	res	rtogulatione				
1		2	3	4	5	6a	to 6b	7a	to 7b 0		ult 8b	9		10		
1. Materia	1 2 3 4 5 6a 6b 7a 7b 8a 8b 9 10 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.																
or the applica	ible code	respectively the FEI	o must be observed to	i tile use oi	material grades	isteu iii t	Olulli	12104.	•							
1	34 Cr	NiMo 6	EN 10269	+QT	3 Piece nut	-	-	20	250	-	-	*			PE manufacturer for	
					Assembly, reaction Washer									diamters > 120mm)		
					Washer											
2 40 CrMoV4-6		EN 10269	+QT		-	-	20	250	-	-	*			PE manufacturer for ers > 160mm)		
Remarks +AT = solution annealed +NT = normalized and tempered a = PMA for the use in pressure e																
+AR = as rolled +QT = quenched and tempered in Directive 2014/68 +M = thermo mechanical treated +S = soft annealed										88/EU neccessary						
	+N		ormalizing formed			tress reli							*= E	N 10204 3.2 F	Req'd	



Scope accordin					☐ EN 764-4						AD 2000- Merkblatt W0			FPC, Regulation (EU) No. 305/2011(System 2+)		
	Work					Natio	nality	Date	F	Page No						
Company Na	24 Burgess Pl. Wayne, NJ 07470					US	USA 11-Feb			2	TÜV Rheinland					
											Industrie Service					
Location:								Rev.: 0	of:	3	GmbH					
Cur	Materials-term Materials-No.		Material Specification	Delivery Cond.	Article Type of Product	Dimensions			Weight max		Technical Specification	ıs	Remarks s			
					Thickness ∅		Ø	R		Requirements						
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1 2 Materia	2	ding to the Al	3 2000 Codo	4	5	6a	6b	7a	7b	8a	8b	9			10	
			2000-Code 2014/68/EU is bound	to the nub	ication of Harmon	ized Fu	onea	Stand	arde oi	r to the	qualific	ation by a Fur	onean	material annr	oval or to the	
particular ma	terial appra	isal. With that the	manufacturing reliabi	lity for equiv	alent material gra	des acc	ording	to othe	er stan							
of the applica	ble code re	espectively the PEI	D must be observed for	r the use of	material grades li	sted in c	olum	n 2 to 4.								
1	X22CrMc	0\/12-1	EN 10269	+QT1	3 Piece nut		_	20	250	1 _ 1	_	AD2000 W7	7	a (DMA by E	PE manufacturer for	
'	AZZONIN	0 V 12-1	LIV 10203	TQTT	Assembly,							diamters > 160mm)				
					reaction Washer											
			EN 40000	ОТ				00	050			4 D0000 14/-	,	- /DNAA b	DE	
2	2 21 CrMoV 5-7		EN 10269	+QT		-	-	20	250	-	-	AD2000 W7	'		PE manufacturer for ers > 160mm)	
															,	
Remarks	Remarks +AT = solution annealed +NT = normalized and tempered a = PMA for the use in pressu									n pressure equipment						
+AR = as rolled +QT = quenched and tempered in Directive 20										68/EU neccessary						
+M = thermo mechanical treated +S = soft annealed +N = normalized or normalizing formed +SR = stress relieved																
+iv = normalized or normalizing formed +5R = stress relieved																



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		Work					Nationality		Date	Page No					
Company Name: HYTORC Division UNEX Corporation					24 Burgess Pl. Wayne, NJ 07470					USA		11-Feb-20	3		TÜV Rheinland Industrie Service
Location: 100 Wesley Street, S. Hackensack, NJ 07696												Rev.:	of:	3	GmbH
Cur	Materials-term Materials-No.		Material Specification	Delivery Cond.	Article Type of Product	Dimensions				Weight max		Technical Specifications		Remarks	
					Thick- Ø ness		ğ			Requirements					
					mm		mr	m	1=t / 2=kg		Technical Regulations				
						from	Up to	from	Up to	₩	res ult	-			
1 2 3 4				•	5 6a 6b 7a 7b				8a	8b	9		10		
		•	national standard	. •	•		•								
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.															
1	AISI 4340 AQ		SAE AMS 6415 S	+QT	3 Piece nut Assembly, reaction Washer	-	-	20	250	-	-	TLV1050 ³	`		a
2	Gr. B16		ASME/ASTM A193/A193M	+QT		-	-	20	250	-	- 1	ΓLV1050*, TLV	'1051*		а
3	3 Gr. B7		ASME/ASTM A193/A193M	+QT		-	-	20	250	-	-	*			а
Resul	ts +AT +AR +M +N	+QT = qu +S = soi	QT = quenched and tempered S = soft annealed						 a = PMA for the use in pressure equipment in Directive 2014/68/EU neccessary *= EN 10204 3.2 Req'd 						