TECHNICAL ENCLOSURE

MATERIALS FOR NUTS

MATERIALS SPECIFICATIONS				CHARACTERISTICS		
NAME	NR	GRADE	SERVICE	SIZE STANDARD LIMITS	HB (INDICATIVE)	REMARKS
ASTM	A 182	F51	S	ALL	≥ 180	
		F44	S	ALL	≥ 200	
		F53	S	ALL	≥ 240	
ASTM	A 194	2H	H	ALL	212/352	
		2HM	S	ALL	159/237	SOUR SERVICE
		3	H	ALL	248/352	
		4	H - L	ALL	248/352	
		6	H	ALL	228/271	
		6F	H	ALL	228/271	
		7	H - L	ALL	248/352	
		7M	S	ALL	159/237	SOUR SERVICE
		8	H	ALL	126/300	
		8T	H	ALL	126/300	
		8M	H	ALL	126/300	
		8F	H	ALL	126/300	
		8C	H	ALL	126/300	
ASTM	A 453	651 A - B	S	ALL	212/277	
		660 A	S	ALL	248/341	
		660 B	S	ALL	248/341	
	A 540	B23	S	≤ 6"	248/429	ALL CLASSES
		B24	S	≤ 6"	248/418	ALL CLASSES
	A 564	630	S	≤ 8"	≥ 302	SOLUTION THREATED 1100°F
DIN	17240	C35	H	≤ 100 mm	≥ 150	
		CK35	H	≤ 100 mm	≥ 180	
		24CrMo5	H	≤ 100 mm	≥ 180	
		21CrMoV5 7	H	≤ 250 mm	≥ 210	
		40CrMoV4 7	H	≤ 100 mm	≥ 270	
		X22CrMoV12 1	H - S	≤ 250 mm	≥ 240	
		X19CrMoVNbN11 1	H - S	≤ 250 mm	≥ 270	
		X8CrNiMoBNb16 16	H - S	≤ 100 mm	≥ 200	
		NiCr20TiA1	H - S	≤ 160 mm	≥ 300	
DIN	17440	X5CrNi18 10	S	≤ 160 mm	≥ 150	
REGISTERED TRADE MARKS		MONEL	S	ALL	–	ALL IDENTIFICATION NUMBERS
		INCONEL	S	ALL	–	
		HASTELLOY	S	ALL	–	
		NIMONIC	S	ALL	–	

H = High temperature service	L = Low temperature service	S = Special service

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