

PORÓWNANIE GATUNKÓW STALI na rury do zastosowań ciśnieniowych w podwyższonych temperaturach (RURY KOTŁOWE) - norma PN-EN 10216-2

PN-EN 10216-2	Nr materiału	PN (stare)	DIN	ASTM/ASME
<b>węglowe</b>				
P195GH	1.0348		UH 1	
P235GH	1.0305/1.0345	K10/St36K	St35.8/l	A 106 Gr.A - A 234 WPA
P245GH	1.0460	20	C 22.8	A 105 - M1023
P265GH	1.405/1.0425	K18/St41K	St45.8/l - H II	-
P265/P255	1.0405	K18	St45.8	A 106 Gr.A - A 234 WPA -
P280GH				
P285NH	1.0435	St44K	HIII	
<b>stopowe</b>				
15Mo3/16Mo3	1.5415	16M	15Mo3	A 335P1 - A234 WP1 - A182 F1
13CrMo4-5	1.7335	15HM	13CrMo44	A 335P11 - A234 WP11 - A182 F11, A182-F11, F12, A387 Gr.12 CL.2 (P12)
X11CrMo5/12CrMo5	1.7362	H5M	12CrMo19 5	A 335P5 - A234 WP5 - A182 F5
10CrMo9-10	1.7380	10H2M	10CrMo9 10	A 335P22 - A234 WP22- A182 F22, A182 F22 A387 Gr.22 CL.2 (P22)
	-	15H2M	13CrMo910	
14CrMoV6-3				
14MoV6-3	1.7715	13HMF	14MoV63/15MoV63	A 405P24 - A234 WP24- A182 F24
13CrMoV9-10	1.7703	~13HMF		
-	1.7350	20HM	22CrMo44	
21CrMoV5-7	1.7709	21HMF		
X10CrMoVNb9-1	1.4903		X10CrMoVNb 91	A 335P91 - A234 WP91- A182 F91 (P91)
X10CrWMoVNb9-2	1.4901		X10CrMoVNb 92	
7CrMoVTiB10-10	1.7378			T/P24
7CrWVNb9-6				T/P23
X11CrMoWVNb9-1-1	1.4905			
X20CrMoV11-1				T/P9
X12CrCoWVNb12-2-2				VM12
9Cr-1.5Mo-1Co-0.3V-NbBN				CB2/FB2
	1.0482	19G2	19Mn5	
X20CrMoV12-1	1.4922	20H12M1F	X20CrMo121	
		12HMF		
		15HMF		
		20HMFTB		
		20M	~16Mo3	
		20MF		
	1.8070/1.7709	21HMF	21CrMoV5 11/21 CrMoV 5-7	
		22H2NM		
		23H2MF		
	1.7733	24H2MF	24 CrMoV 5-5	
		26H2MF		
	1.7707	30H2MF	30CrMoV9	
		32HN3M		
	1.8550	33H2NMJ	34CrAlNi7	
		34HN3M		