

# Druck - Temperatur - Tabelle

## Pressure - Temperature Rating



Material: 1.4581 / GXCrNiMoNb19-11-2

Temp.		PN 10		PN 16		PN 25		PN 40		PN 63		PN 100		PN 160		PN 250	
[°C]	[°F]	[bar]	[psi]	[bar]	[psi]	[bar]	[psi]	[bar]	[psi]	[bar]	[psi]	[bar]	[psi]	[bar]	[psi]	[bar]	[psi]
-200	-328,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-100	-148,0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-50	-58,0	10,0	145,0	12	174,0	19	275,5	30	435,0	47	681,5	75	1087,5	120	1740,0	190	2755,0
-10,0	14,0	10,0	145,0	16	232,0	25,0	362,5	40,0	580,0	63	913,5	100,0	1450,0	160,0	2320,0	250,0	3625,0
20,0	68,0	10,0	145,0	16	232,0	25,0	362,5	40,0	580,0	63	913,5	100,0	1450,0	160,0	2320,0	250,0	3625,0
50,0	122,0	10,0	145,0	16	232,0	25,0	362,5	40,0	580,0	63	913,5	100,0	1450,0	160,0	2320,0	250,0	3625,0
100,0	212,0	10,0	145,0	16	232,0	25,0	362,5	40,0	580,0	63	913,5	100,0	1450,0	160,0	2320,0	250,0	3625,0
120,0	248,0	10,0	145,0	16	232,0	25,0	362,5	40,0	580,0	63	913,5	100,0	1450,0	160,0	2320,0	250,0	3625,0
200,0	392,0	9,5	137,8	15,0	217,5	23,0	333,5	37,0	536,5	59	855,5	93,0	1348,5	150,0	2175,0	233,0	3378,5
250,0	482,0	9,0	130,5	14,5	210,3	22,0	319,0	35,0	507,5	56	812,0	89,0	1290,5	142,0	2059,0	221,0	3204,5
300,0	572,0	8,5	123,3	14,0	203,0	21,0	304,5	33,0	478,5	53	768,5	84,0	1218,0	133,0	1928,5	208,0	3016,0
400,0	751,9	8,0	116,0	12,5	181,3	21,0	304,5	32,0	464,0	50	725,0	80,0	1160,0	125,0	1812,5	196,0	2842,0
450,0	841,9	8,0	116,0	12,5	181,3	20,0	290,0	31,0	449,5	49	710,5	78,0	1131,0	123,0	1783,5	192,0	2784,0
500,0	931,9	8,0	116,0	12,0	174,0	19,0	275,5	30,0	435,0	48	696,0	76,0	1102,0	121,0	1754,5	188,0	2726,0

> 400 °C and 841 °F Bolts and Nuts material A4-70 is not applicable

