

CARACTERÍSTICAS MECÂNICAS

Parafuso Série Polegada - SAE J429						
Grau	Diam. de referência	Resist. mín. à tração KGF/mm ²	Tensão mín. de escoam. KGF/mm ²	Alongam. %	Estricção %	Dureza
2	D ≤ 3/4"	52,0	40,0	18	35	80-100 HRB
	D > 3/4"	42,2	25,0	18	35	70-100 HRB
5	D ≤ 1"	84,4	64,7	14	35	25-34 HRC
	D > 1"	74,0	57,0	14	35	19-30 HRC
8		105,4	91,4	12	35	33-39 HRC

TORQUE ADMISSÍVEL

Parafuso Série Polegada - SAE J429						
Diâmetro	FPP	Rosca	Area do Ø mm ²	Torque Admissível (Nm)		
				GR. 2	GR. 5	GR. 8
3/16	24	UNC	11,29	2,6	4,3	6,0
	32	UNF	12,81	3,4	5,5	7,7
1/4	20	UNC	20,51	7,8	12,1	17,0
	28	UNF	23,48	8,7	13,5	18,9
5/16	18	UNC	33,81	15,7	23,9	33,8
	24	UNF	37,42	16,8	25,9	36,6
3/8	16	UNC	50,00	26,8	41,5	58,4
	24	UNF	56,64	29,4	45,7	64,2
7/16	14	UNC	68,58	42,0	65,0	92,0
	20	UNF	76,58	45,8	71,1	100,0
1/2	12	BSW	88,76	63,2	98,6	129,4
	13	UNC	91,55	65,0	101,0	141,0
	20	UNF	103,16	71,0	110,0	155,0
	12	UNC	117,42	92,0	143,0	201,0
9/16	18	UNF	130,97	100,0	155,0	219,0
	11	UNC	145,81	128,0	199,0	280,0
5/8	18	UNF	165,17	141,0	219,0	308,0
	10	UNC	215,48	227,0	350,0	494,0
3/4	16	UNF	240,64	246,0	381,0	536,0
	9	UNC	298,06	218,0	562,0	793,0
7/8	14	UNF	328,38	237,0	606,0	853,0
	8	UNC	390,96	327,0	841,0	1187,0
1"	12	UNF	427,74	352,0	903,0	1271,0