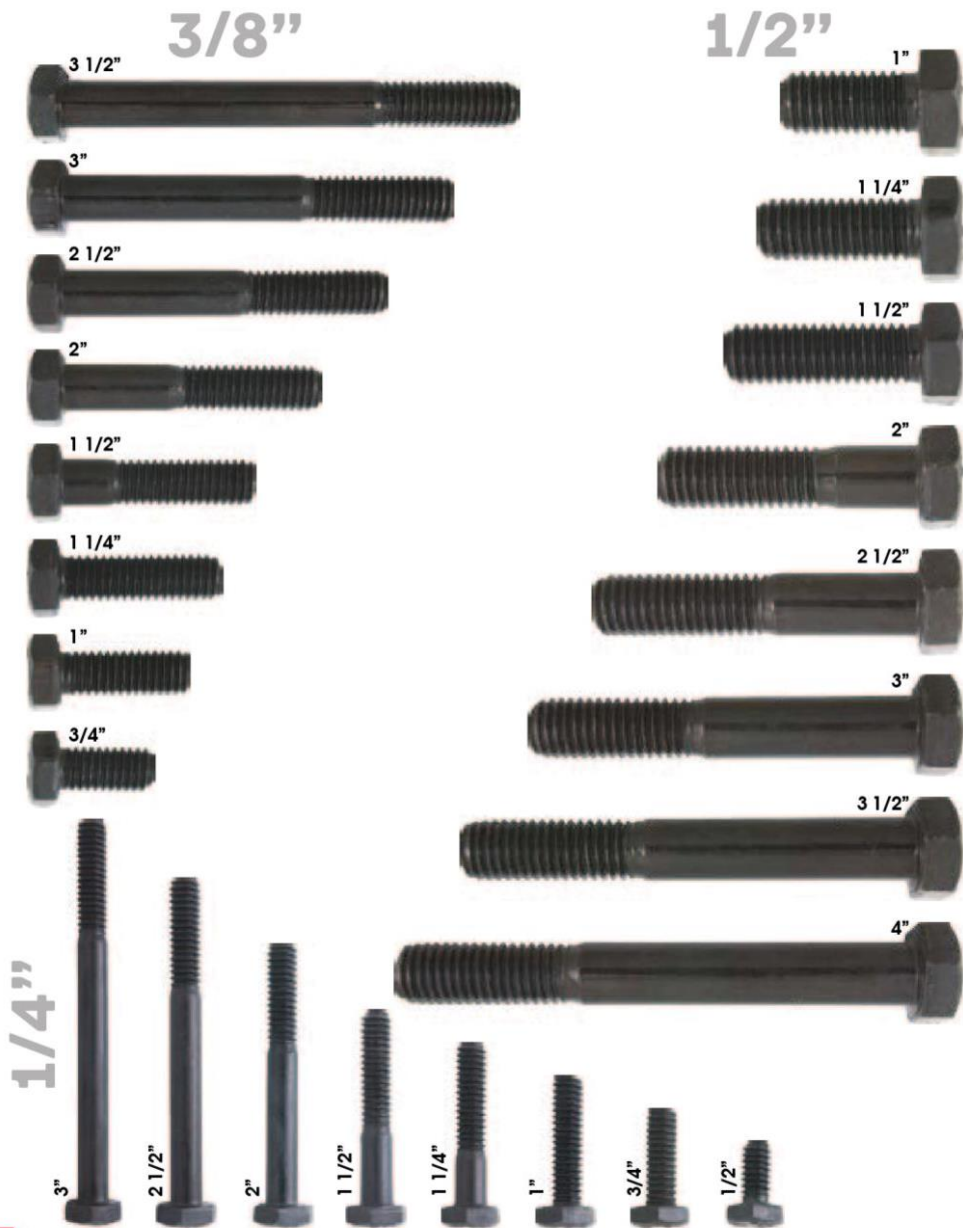
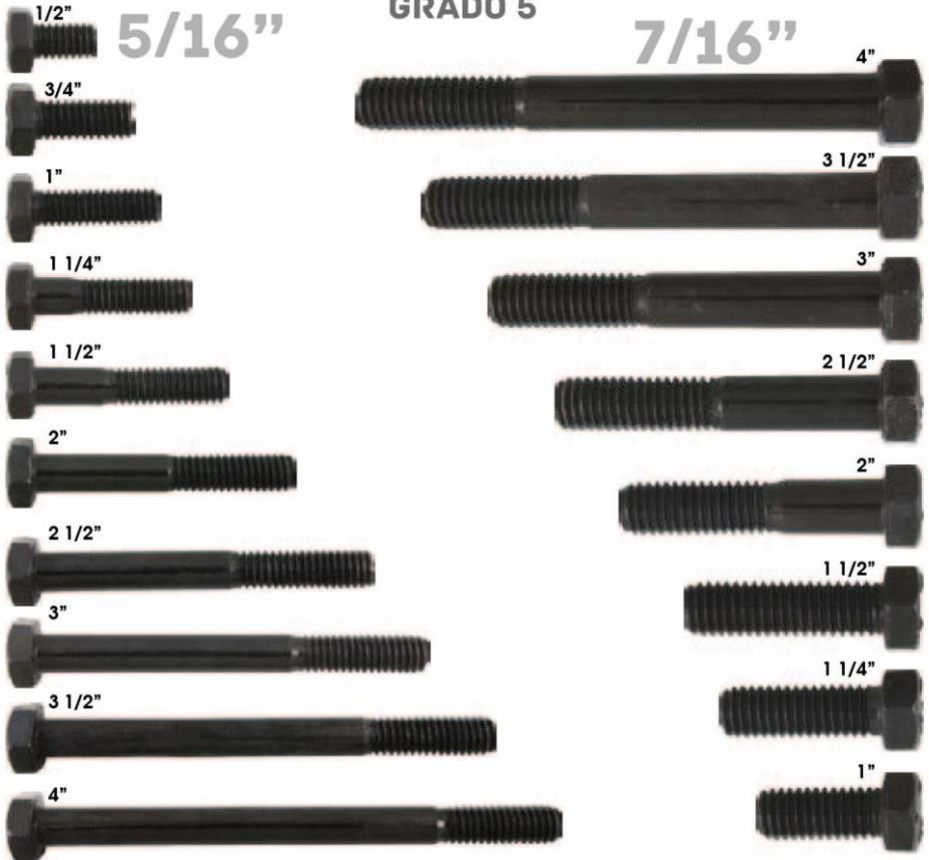


TORNILLOS DE ACERO
GRADO 5



TORNILLOS DE ACERO
GRADO 5

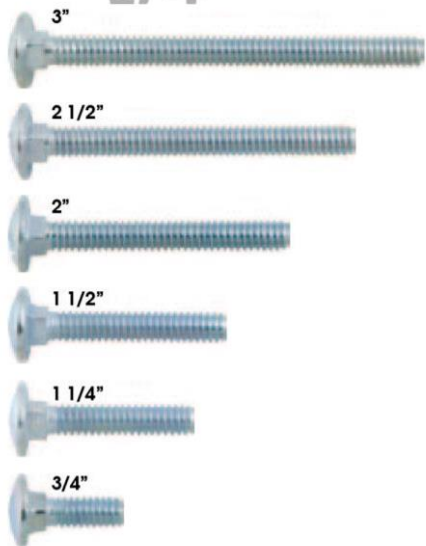


ALCAYATAS ROSCADAS

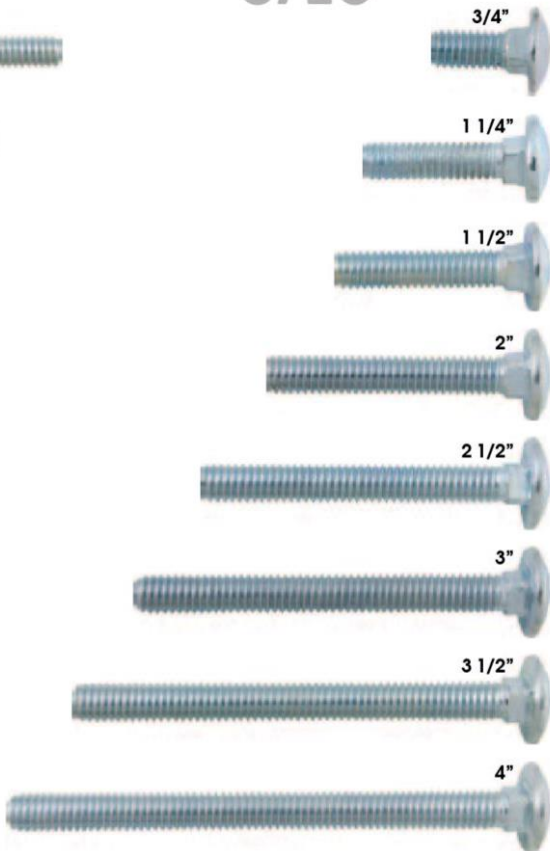


TORNILLOS TIPO COCHE

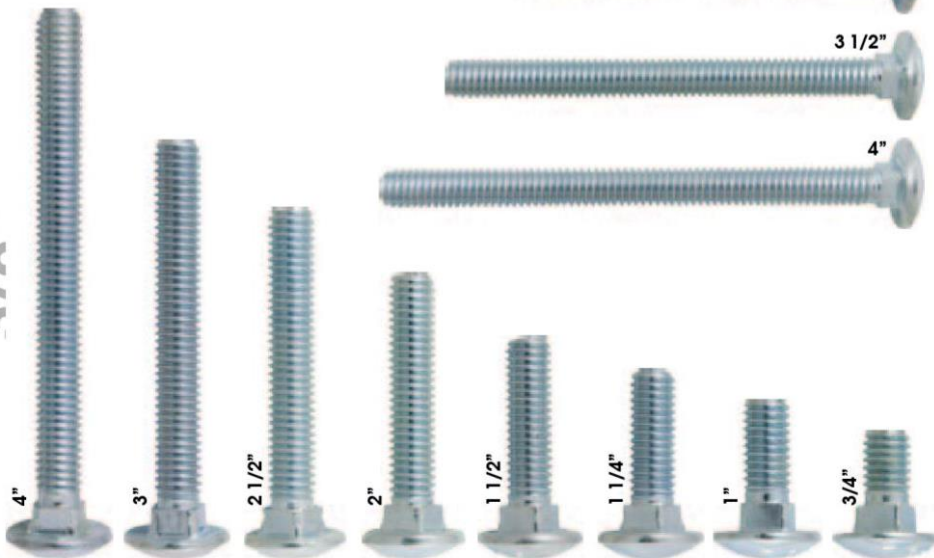
1/4"



5/16"



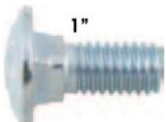
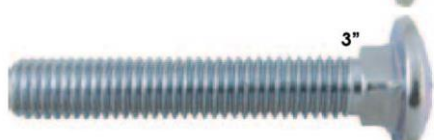
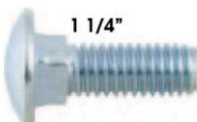
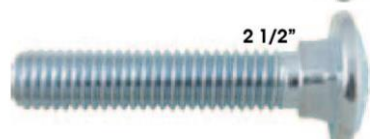
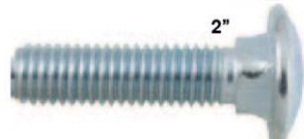
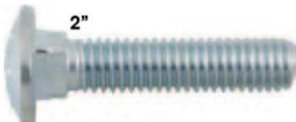
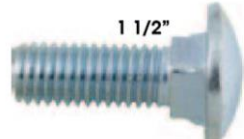
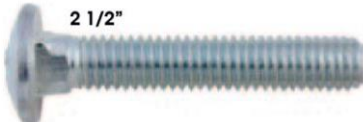
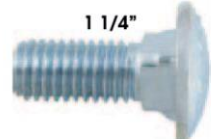
3/8"



TORNILLOS TIPO COCHE

7/16"

1/2"



Tablas técnicas

CUERDA AMERICANA

Diámetro nominal	Hilos x pulg	Tipo de cuerda
1/8 (# 5)	40	UNC
1/8 (# 5)	44	UNF
# 6	32	UNC
# 6	36	UNF
5/32	32	UNC
# 8	32	UNC
# 8	36	UNF
3/16 (# 10)	24	UNC
3/16 (# 10)	28	UNF
# 12	24	UNC
# 12	28	UNF
1/4	20	UNC
1/4	28	UNF
5/16	18	UNC
5/16	24	UNF
3/8	16	UNC
3/8	24	UNF
7/16	14	UNC
7/16	20	UNF
1/2	13	UNC
1/2	20	UNF

Diámetro nominal	Hilos x pulg	Tipo de cuerda
9/16	12	UNC
9/16	18	UNF
5/8	11	UNC
5/8	18	UNF
3/4	10	UNC
3/4	16	UNF
7/8	9	UNC
7/8	14	UNF
1	8	UNC
1	12	UNF
1	14	UNS
1 1/8	7	UNC
1 1/8	8	UN
1 1/4	7	UNC
1 1/4	8	UN
1 3/8	6	UNC
1 3/8	8	UN
1 1/2	6	UNC
1 1/2	8	UN
1 5/8	8	UN
1 3/4	5	UNC

Diámetro nominal	Hilos x pulg	Tipo de cuerda
1 3/4	8	UN
1 7/8	8	UN
2	4 1/2	UNC
2	8	UN
2 1/4	4 1/2	UNC
2 1/4	8	UN
2 1/2	4	UNC
2 1/2	8	UN
2 3/4	4	UNC
2 3/4	8	UN
3	4	UNC
3	8	UN
3 1/4	4	UNC
3 1/4	8	UN
3 1/2	4	UNC
3 1/2	8	UN
3 3/4	4	UNC
3 3/4	8	UN
4	4	UNC
4	8	UN

UNC CUERDA ESTÁNDAR
UNF CUERDA FINA
UNS CUERDA ESPECIAL
UN CUERDA SERIE DE 8 HILOS

CUERDA MÉTRICA

Diámetro nominal	Paso cuerda mm	Tipo de cuerda
M1.6	0.35	M
M1.8	0.35	M
M2	0.4	M
M2.5	0.45	M
M3	0.50	M
M3.00	0.35	MF
M3.5	0.60	M
M4	0.70	M
M4.00	0.50	MF
M4.5	0.75	M
M5	0.80	M
M5.00	0.60	MF
M6	1.00	M
M6.00	0.75	MF
M7	1.00	M
M7.00	0.75	MF

Diámetro nominal	Paso cuerda mm	Tipo de cuerda
M8	1.25	M
M8.00	1.00	MF
M9	1.25	M
M10	1.50	M
M10.00	1.25	MF
M11	1.50	M
M12	1.75	M
M12.00	1.25	MF
M14	2.00	M
M14.00	1.50	MF
M16	2.00	M
M16.00	1.50	MF
M18	2.50	M
M18.00	1.50	MF
M20	2.50	M
M20.00	1.50	MF

Diámetro nominal	Paso cuerda mm	Tipo de cuerda
M22	2.50	M
M22.00	1.50	MF
M24	3.00	M
M24.00	2.00	MF
M27	3.00	M
M27.00	2.00	MF
M30	3.50	M
M30.00	2.00	MF
M33	3.50	M
M36	4.00	M
M39	4.00	M
M42	4.50	M
M45	4.50	M
M48	5.00	M
M52	5.00	M
M56	5.50	M

M CUERDA MÉTRICA NORMAL
MF CUERDA MÉTRICA FINA

Tablas técnicas

TABLA DE CONVERSIÓN DE PULGADAS A MM - (1 pulgada = 25,4 mm)

Pulg.	1/16"	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8"	15/16"
mm															
1"	25,40	26,99	30,16	31,75	33,34	34,93	36,51	38,10	39,69	41,28	42,86	44,45	46,04	47,63	49,21
2"	50,80	53,98	55,56	57,15	58,74	60,33	61,91	63,50	65,09	66,68	68,26	69,85	71,44	73,03	74,61
3"	76,20	79,38	80,96	82,55	84,14	85,73	87,31	88,90	90,49	92,08	93,66	95,25	96,84	98,43	100,01
4"	101,60	103,19	104,78	106,36	107,95	109,54	111,13	112,71	114,30	115,89	117,48	119,06	120,65	122,24	123,83
5"	127,00	128,59	130,18	131,76	133,35	134,94	136,53	138,11	139,70	141,29	142,88	144,46	146,05	147,64	149,23
6"	152,40	153,99	155,58	157,16	158,75	160,34	161,93	163,51	165,10	166,69	168,28	169,86	171,45	173,04	174,63
7"	177,80	179,39	180,98	182,56	184,15	185,74	187,33	188,91	190,50	192,09	193,68	195,26	196,85	198,44	200,03
8"	203,20	204,79	206,38	207,96	209,55	211,14	212,73	214,31	215,90	217,49	219,08	220,66	222,25	223,84	225,43
9"	228,60	230,19	231,78	233,36	234,95	236,54	238,13	239,71	241,30	242,89	244,48	246,06	247,65	249,24	250,83
10"	254,00	255,59	257,18	258,76	260,35	261,94	263,53	265,11	266,70	268,29	269,88	271,46	273,05	274,64	276,23
11"	279,40	280,99	282,58	284,16	285,75	287,34	288,93	290,51	292,10	293,69	295,28	296,86	298,45	300,04	301,63
12"	304,80	306,39	307,98	309,56	311,15	312,74	314,33	315,91	317,50	319,09	320,68	322,26	323,85	325,44	327,03
13"	330,20	331,79	333,38	334,96	336,55	338,14	339,73	341,31	342,90	344,49	346,08	347,66	349,25	350,84	352,43
14"	355,60	357,19	358,78	360,36	361,95	363,54	365,13	366,71	368,30	369,89	371,48	373,06	374,65	376,24	377,83
15"	381,00	382,59	384,18	385,76	387,35	388,94	390,53	392,11	393,70	395,29	396,88	398,46	400,05	401,64	403,23
16"	406,40	407,99	409,58	411,16	412,75	414,34	415,93	417,51	419,10	420,69	422,28	423,86	425,45	427,04	428,63
17"	431,80	433,39	434,98	436,56	438,15	439,74	441,33	442,91	444,50	446,09	447,68	449,26	450,85	452,44	454,03
18"	457,20	458,79	460,38	461,96	463,55	465,14	466,73	468,31	469,90	471,49	473,08	474,66	476,25	477,84	481,01
19"	482,60	484,19	485,78	487,36	488,95	490,54	492,13	493,71	495,30	496,89	498,48	500,06	501,65	503,24	504,83
20"	508,00	509,59	511,18	512,76	514,35	515,94	517,53	519,11	520,70	522,29	523,88	525,46	527,05	528,64	530,23
21"	533,40	534,99	536,58	538,16	539,75	541,34	542,93	544,51	546,10	547,69	549,28	550,86	552,45	554,04	555,63
22"	558,80	560,39	561,98	563,56	565,15	566,74	568,33	569,91	571,50	573,09	574,68	576,26	577,85	579,44	581,03
23"	584,20	585,79	587,38	588,96	590,55	592,14	593,73	595,31	596,90	598,49	600,08	601,66	603,25	604,84	606,43
24"	609,60	611,19	612,78	614,36	615,95	617,54	619,13	620,71	622,30	623,89	625,48	627,06	628,65	630,24	631,83
25"	635,00	636,59	638,18	639,76	641,35	642,94	644,53	646,11	647,70	649,29	650,88	652,46	654,05	655,64	657,23
26"	660,40	661,99	663,58	665,16	666,75	668,34	669,93	671,51	673,10	674,69	676,28	677,86	679,45	681,04	682,63
27"	685,80	687,39	688,98	690,56	692,15	693,74	695,33	696,91	698,50	700,09	701,68	703,26	704,85	706,44	708,03
28"	711,20	712,79	714,38	715,96	717,55	719,14	720,73	722,31	723,90	725,49	727,08	728,66	730,25	731,84	733,43
29"	736,60	738,19	739,78	741,36	742,95	744,54	746,13	747,71	749,30	750,89	752,48	754,06	755,65	757,24	758,83
30"	762,00	763,59	765,18	766,76	768,35	769,94	771,53	773,11	774,70	776,29	777,88	779,46	781,05	782,64	784,23

Tablas técnicas

CALIBRE DE ALAMBRE

Calibre	Milésimas de pulg	mm
1--	.283	7.188
1/4	.278	7.061
1/2	.273	6.934
3/4	.268	6.807
2--	.2625	6.668
1/4	.258	6.553
1/2	.253	6.426
3/4	.248	6.299
3--	.2437	6.190
1/4	.239	6.071
1/2	.235	5.969
3/4	.230	5.842
4--	.2253	5.723
1/4	.221	5.613
1/2	.216	5.486
3/4	.212	5.385
5--	.207	5.258
1/4	.203	5.156
1/2	.200	5.080
3/4	.196	4.978
6--	.192	4.877
1/4	.188	4.775
1/2	.185	4.699
3/4	.181	4.597
7--	.177	4.496
1/4	.173	4.394
1/2	.170	4.318
3/4	.166	4.216
8--	.162	4.115
1/4	.159	4.039
1/2	.155	3.937
3/4	.152	3.861
9--	.1483	3.767
1/4	.145	3.683
1/2	.142	3.607
3/4	.138	3.505
10--	.135	3.429
1/4	.131	3.327
1/2	.128	3.251
3/4	.124	3.150
11--	.1205	3.061
1/4	.117	2.972
1/2	.113	2.870
3/4	.109	2.769
12--	.1055	2.680
1/4	.102	2.591
1/2	.099	2.515
3/4	.095	2.413

Calibre	Milésimas de pulg	mm
13--	.0915	2.324
1/4	.089	2.261
1/2	.086	2.184
3/4	.083	2.1085
14--	.080	2.032
1/4	.078	1.981
1/2	.076	1.930
3/4	.074	1.880
15--	.072	1.829
1/4	.070	1.778
1/2	.067	1.702
3/4	.065	1.651
16--	.0625	1.588
1/4	.060	1.524
1/2	.058	1.473
3/4	.056	1.422
17--	.054	1.372
1/4	.052	1.321
1/2	.051	1.295
3/4	.0491	1.247
18--	.0475	1.207
1/4	.0459	1.166
1/2	.0443	1.125
3/4	.0426	1.082
19--	.0410	1.041
1/4	.0394	1.001
1/2	.0379	0.963
3/4	.0363	0.922
20--	.0348	0.884
1/4	.0340	0.864
1/2	.0332	0.843
3/4	.0325	0.826
21--	.0317	0.805
1/4	.0309	0.785
1/2	.0301	0.765
3/4	.0294	0.747
22--	.0286	0.726
1/4	.0279	0.709
1/2	.0272	0.691
3/4	.0265	0.673
23--	.0258	0.655
1/4	.0251	0.638
1/2	.0244	0.620
3/4	.0237	0.602
24--	.0230	0.584
1/4	.0224	0.569
1/2	.0217	0.551
3/4	.0211	0.536

Calibre	Milésimas de pulg	mm
25--	.0204	0.510
1/4	.0198	0.503
1/2	.0193	0.490
3/4	.0187	0.475
26--	.0181	0.460
1/4	.0179	0.455
1/2	.0177	0.450
3/4	.0175	0.445
27--	.0173	0.439
1/4	.0170	0.432
1/2	.0168	0.427
3/4	.0165	0.419
28--	.0162	0.411
1/4	.0159	0.404
1/2	.0156	0.396
3/4	.0153	0.389
29--	.0150	0.381
1/4	.0148	0.376
1/2	.0145	0.368
3/4	.0143	0.363
30--	.0140	0.356
1/4	.0138	0.351
1/2	.0136	0.345
3/4	.0134	0.340
31--	.0132	0.335
1/4	.0131	0.333
1/2	.0130	0.330
3/4	.0129	0.328
32--	.0128	0.325
1/4	.0126	0.320
1/2	.0123	0.312
3/4	.0121	0.307
33--	.0118	0.300
1/4	.0115	0.292
1/2	.0111	0.282
3/4	.0108	0.274
34--	.0104	0.264
1/4	.0102	0.259
1/2	.0100	0.254
3/4	.0097	0.246
35--	.0095	0.241
1/4	.0094	0.239
1/2	.0093	0.236
3/4	.0091	0.231
36--	.0090	0.229
1/4	.0089	0.226
1/2	.0087	0.221
3/4	.0086	0.218

Calibre	Milésimas de pulg	mm
37--	.0085	0.218
1/4	.0084	0.213
1/2	.0083	0.211
3/4	.0081	0.206
38--	.0080	0.203
1/4	.0079	0.201
1/2	.0078	0.198
3/4	.0076	0.193
39--	.0075	0.191
1/4	.0074	0.188
1/2	.0073	0.185
3/4	.0071	0.180
40--	.0070	0.178
1/4	.0069	0.175
1/2	.0068	0.173
3/4	.0067	0.170
41--	.0066	0.168
42--	.0062	0.157
43--	.0060	0.152
44--	.0058	0.147
45--	.0055	0.140
46--	.0052	0.132
47--	.0050	0.127
48--	.0048	0.122
49--	.0046	0.117
50--	.0044	0.112