HOT RUNNER SYSTEMS • COMPONENTS • CONTROLLERS

ORYCON

DECIMAL EQUIVALENTS AND TAP DRILL SIZES

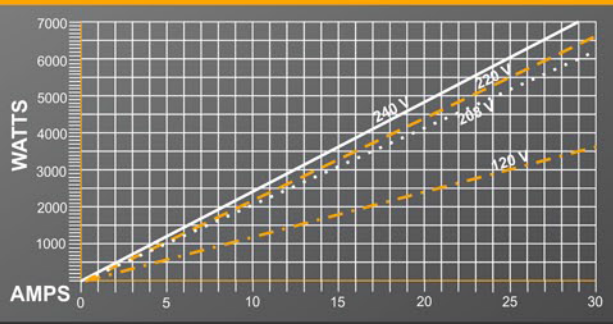
NUMBER SIZE DRILLS		
	80	.0135
	79	.0145
1/64		.0156
	78	.0160
	77	.0180
	76	.0200
	75	.0210
	74	.0225
	73	.0240
	72	.0250
	71	.0260
	70	.0280
	69	.0292
	68	.0310
1/32		.0312
	67	.0320
	66	.0330
	65	.0350
	64	.0360
	63	.0370
	62	.0380
	61	.0390
	60	.0400
	59	.0410
	58	.0420
	57	.0430
	56	.0465
3/64		.0469
	55	.0520
	54	.0550
	53	.0595
1/16		.0625
	52	.0635
	51	.0670
	50	.0700
	49	.0730
	48	.0760
5/64		.0781
	47	.0785
	46	.0810
	45	.0820
	44	.0860
	43	.0890
	42	.0935
3/32		.0938
	41	.0960
	40	.0980
	39	.0995
	38	.1015
	37	.1040
	36	.1065
7/64		.1094
	36	.1100
	34	.1110
	33	.1130
	32	.1160
	31	.1200
1/8		.1250
	30	.1285
	29	.1360

TAP SIZE
0-80
1-64,72
2-56,64
3-48
3-56
4-40
4-48
5-40
5-44
6-32
6-40
8-32,36

9/64	28	.1405	
		.1406	
	27	.1440	
	26	.1470	
	25	.1495	10-24
	24	.1520	
	23	.1540	
5/32		.1562	
	22	.1570	10-24
	21	.1590	10-32
	20	.1610	
	19	.1660	
	18	.1695	
11/64		.1719	10-32
	17	.1730	
	16	.1770	12-34
	15	.1800	
	14	.1820	12-28
	13	.1850	
3/16		.1875	12-34
	12	.1890	
	11	.1910	12-28
	10	.1935	
	9	.1960	
	8	.1990	
	7	.2010	1/4-20
13/64		.2031	
	6	.2040	
	5	.2055	
	4	.2090	1/4-28
	3	.2130	
7/32		.2188	
	2	.2210	
LETTER SIZE DRILLS	1	.2280	
	A	.2340	
15/64		.2344	
	B	.2380	
	C	.2420	
	D	.2460	
1/4		.2500	
	E	.2570	5/16-24
	F	.2610	
	G	.2656	
17/64		.2660	
	H	.2720	
	I	.2770	
	J	.2810	
	K	.2812	
9/32		.2900	
	L	.2950	
	M	.2969	
19/64		.3020	
	N	.3125	
5/16		.3160	3/8-16
	O	.3230	
	P	.3281	
21/64		.3320	
	Q	.3390	3/8-24
	R	.3438	
11/32		.3480	
	S		

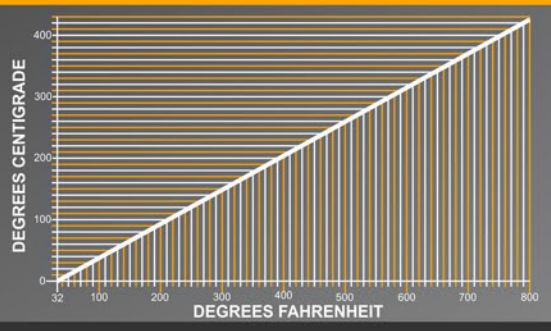
LETTER SIZE DRILLS			
	T	.3580	
23/64		.3594	
	U	.3680	7/16-14
3/8		.3750	
	V	.3770	
	W	.3860	
25/64		.3906	7/16-20
	X	.3970	
	Y	.4040	
13/32		.4062	
	Z	.4130	
27/64		.4219	1/2-13
7/16		.4375	
29/64		.4531	1/2-20
15/32		.4688	
31/64		.4844	9/16-12
1/2		.5000	
33/64		.5156	9/16-18
17/32		.5312	5/8-11
35/64		.5469	
9/16		.5625	
37/64		.5781	5/8-18
19/32		.5938	
39/64		.6094	
5/8		.6250	
41/64		.6406	
21/32		.6562	3/4-10
43/64		.6719	
11/16		.6875	3/4-16
45/64		.7031	
23/32		.7188	
47/64		.7344	
3/4		.7500	
49/64		.7656	7/8-9
25/32		.7812	
51/64		.7969	
13/16		.8125	7/8-14
53/64		.8281	
27/32		.8438	
55/64		.8594	
7/8		.8750	1-8
57/64		.8906	
29/32		.9062	
59/64		.9219	1-12
15/16		.9375	
61/64		.9531	
31/32		.9688	
63/64		.9844	1 1/8-7
1		1.0000	
1 3/64		1.0469	1 1/8-12
1 7/64		1.1094	1 1/4-7
1 1/8		1.1250	
1 11/64		1.1719	1 1/4-12
1 7/32		1.2188	1 3/8-6
1 1/4		1.2500	
1 19/64		1.2969	1 3/8-12
1 11/32		1.3438	1 1/2-6
1 3/8		1.3750	
1 27/64		1.4219	1 1/2-12
1 1/2		1.5000	

TAP SIZE
7/16-14
7/16-20
1/2-13
1/2-20
9/16-12
9/16-18
5/8-11
5/8-18
3/4-10
3/4-16
7/8-9
7/8-14
1-8
1-12
1 1/8-7
1 1/8-12
1 1/4-7
1 1/4-12
1 3/8-6
1 3/8-12
1 1/2-6
1 1/2-12



PIPE TAPS (NPSC)

TAP	DRILL	TAP	DRILL
1/8-27	R	1 1/2-11 1/2	1 47/64
1/4-18	7/16	2-11 1/2	2 7/32
3/8-18	37/64	2 1/2-8	2 5/8
1/2-14	23/32	3-8	3 1/4
3/4-14	59/64	3 1/2-8	3 3/4
1-11 1/2	15/32	4-8	4 1/4
1 1/4-11 1/2	1 1/2		



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