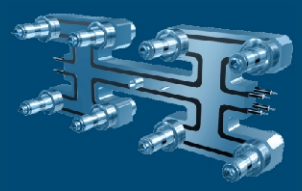
HOT RUNNER SYSTEMS • COMPONENTS • CONTROLLERS

ORYCON
CONTROL TECHNOLOGY INC.

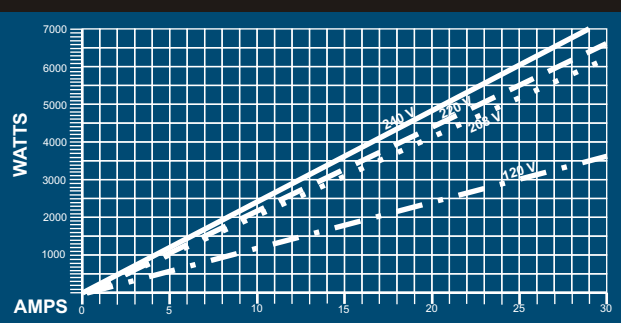


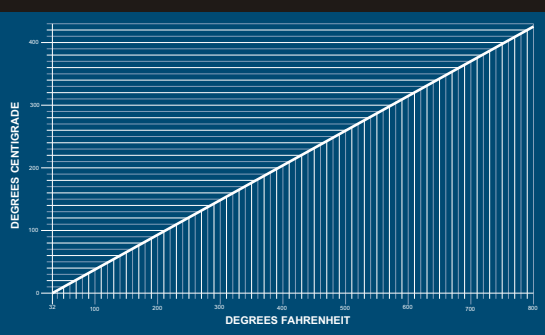
DECIMAL EQUIVALENTS AND TAP DRILL SIZES

NUMBER SIZE DRILLS			TAP SIZE
	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	0-80
	55	.0520	
	54	.0550	
	53	.0595	1-64,72
1/16		.0625	
	52	.0635	
	51	.0670	
	50	.0700	2-56,64
	49	.0730	
	48	.0760	
5/64		.0781	
	47	.0785	3-48
	46	.0810	
	45	.0820	3-56
	44	.0860	
	43	.0890	4-40
	42	.0935	4-48
3/32		.0938	
	41	.0960	
	40	.0980	
	39	.0995	
	38	.1015	5-40
	37	.1040	5-44
	36	.1065	6-32
7/64		.1094	
	36	.1100	
	34	.1110	
	33	.1130	6-40
	32	.1160	
	31	.1200	
1/8		.1250	
	30	.1285	
	29	.1360	8-32,36

NUMBER SIZE DRILLS			
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	
	1	.2280	
LETTER SIZE DRILLS	A	.2340	
15/64		.2344	
	B	.2380	
	C	.2420	
	D	.2460	
1/4	E	.2500	
	F	.2570	5/16-24
	G	.2610	
17/64		.2656	
	H	.2660	
	I	.2720	
	J	.2770	
	K	.2810	
9/32		.2812	
	L	.2900	
	M	.2950	
19/64		.2969	
	N	.3020	
5/16		.3125	3/8-16
	O	.3160	
	P	.3230	
21/64		.3281	
	Q	.3320	3/8-24
	R	.3390	
11/32		.3438	
	S	.3480	

LETTER SIZE DRILLS				TAP SIZE
23/64		T	.3580	
			.3594	
	3/8	U	.3680	7/16-14
			.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	



PIPE THREAD SIZES

THREAD	DRILL	THREAD	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