

# INCH - MM 환산표 CONVERSION TABLE

## CONVERSION TABLE

1"=25.4mm

inch		0"	1"	2"	3"	4"	5"	6"	7"	8"
Fraction	Decimal									
	.0		25.4	50.8	76.2	101.6	127	152.4	177.8	203.2
1/64	.015625	0.3969	25.7969	51.1969	76.5969	101.9969	127.3969	152.7969	178.1969	203.5969
1/32	.03125	0.7938	26.1938	51.5938	76.9938	102.3938	127.7938	153.1938	178.5938	203.9938
3/64	.046875	1.1906	26.5906	51.9906	77.3906	102.7906	128.1906	153.5906	178.9906	204.3906
1/16	.0625	1.5875	26.9875	52.3875	77.7875	103.1875	128.5875	153.9875	179.3875	204.7875
5/64	.078125	1.9844	27.3844	52.7844	78.1844	103.5844	128.9844	154.3844	179.7844	205.1844
3/32	.09375	2.3812	27.7812	53.1812	78.5812	103.9812	129.3812	154.7812	180.1812	205.5812
7/64	.109375	2.7781	28.1781	53.5781	78.9781	104.3781	129.7781	155.1781	180.5781	205.9781
1/8	.125	3.175	28.575	53.975	79.375	104.775	130.175	155.575	180.975	206.375
9/64	.140625	3.5719	28.9719	54.3719	79.7719	105.1719	130.5719	155.9719	181.3719	206.7719
5/32	.15625	3.9688	29.3688	54.7688	80.1688	105.5688	130.9688	156.3688	181.7688	207.1688
11/64	.171875	4.3656	29.7656	55.1656	80.5656	105.9656	131.3656	156.7656	182.1656	207.5656
3/16	.1875	4.7625	30.1625	55.5625	80.9625	106.3625	131.7625	157.1625	182.5625	207.9625
13/64	.203125	5.1594	30.5594	55.9594	81.3594	106.7594	132.1594	157.5594	182.9594	208.3594
7/32	.21875	5.5562	30.9562	56.3562	81.7562	107.1562	132.5562	157.9562	183.3562	208.7562
15/64	.234375	5.9531	31.3531	56.7531	82.1531	107.5531	132.9531	158.3531	183.7531	209.1531
1/4	.25	6.35	31.75	57.15	82.55	107.95	133.35	158.75	184.15	209.55
17/64	.265625	6.7469	32.1469	57.5469	82.9469	108.3469	133.7469	159.1469	184.5469	209.9469
9/32	.28125	7.1438	32.5438	57.9438	83.3438	108.7438	134.1438	159.5438	184.9438	210.3438
19/64	.296875	7.5406	32.9406	58.3406	83.7406	109.1406	134.5406	159.9406	185.3406	210.7406
5/16	.3125	7.9375	33.3375	58.7375	84.1375	109.5375	134.9375	160.3375	185.7375	211.1375
21/64	.328125	8.3344	33.7344	59.1344	84.5344	109.9344	135.3344	160.7344	186.1344	211.5344
11/32	.34375	8.7312	34.1312	59.5312	84.9312	110.3312	135.7312	161.1312	186.5312	211.9312
23/64	.359375	9.1281	34.5281	59.9281	85.3281	110.7281	136.1281	161.5281	186.9281	212.3281
3/8	.375	9.525	34.925	60.325	85.725	111.125	136.525	161.925	187.325	212.725
25/64	.390625	9.9219	35.3219	60.7219	86.1219	111.5219	136.9219	162.3219	187.7219	213.1219
13/32	.40625	10.3188	35.7188	61.1188	86.5188	111.9188	137.3188	162.7188	188.1188	213.5188
27/64	.421875	10.7156	36.1156	61.5156	86.9156	112.3156	137.7156	163.1156	188.5156	213.9156
7/16	.4375	11.1125	36.5125	61.9125	87.3125	112.7125	138.1125	163.5125	188.9125	214.3125
29/64	.453125	11.5094	36.9094	62.3094	87.7094	113.1094	138.5094	163.9094	189.3094	214.7094
15/32	.46875	11.9062	37.3062	62.7062	88.1062	113.5062	138.9062	164.3062	189.7062	215.1062
31/64	.484375	12.3031	37.7031	63.1031	88.5031	113.9031	139.3031	164.7031	190.1031	215.5031
1/2	.5	12.7	38.1	63.5	88.9	114.3	139.7	165.1	190.5	215.9
33/64	.515625	13.0969	38.4969	63.8969	89.2969	114.6969	140.0969	165.4969	190.8969	216.2969
17/32	.53125	13.4938	38.8938	64.2938	89.6938	115.0938	140.4938	165.8938	191.2938	216.6938
35/64	.546875	13.8906	39.2906	64.6906	90.0906	115.4906	140.8906	166.2906	191.6906	217.0906
9/16	.5625	14.2875	39.6875	65.0875	90.4875	115.8875	141.2875	166.6875	192.0875	217.4875
37/64	.578125	14.6844	40.0844	65.4844	90.8844	116.2844	141.6844	167.0844	192.4844	217.8844
19/32	.59375	15.0812	40.4812	65.8812	91.2812	116.6812	142.0812	167.4812	192.8812	218.2812
39/64	.609375	15.4781	40.8781	66.2781	91.6781	117.0781	142.4781	167.8781	193.2781	218.6781
5/8	.625	15.875	41.275	66.675	92.075	117.475	142.875	168.275	193.675	219.075
41/64	.640625	16.2719	41.6719	67.0719	92.4719	117.8719	143.2719	168.6719	194.0719	219.4719
21/32	.65625	16.6688	42.0688	67.4688	92.8688	118.2688	143.6688	169.0688	194.4688	219.8688
43/64	.671875	17.0656	42.4656	67.8656	93.2656	118.6656	144.0656	169.4656	194.8656	220.2656
11/16	.6875	17.4625	42.8625	68.2625	93.6625	119.0625	144.4625	169.8625	195.2625	220.6625
45/64	.703125	17.8594	43.2594	68.6594	94.0594	119.4594	144.8594	170.2594	195.6594	221.0594
23/32	.71875	18.2562	43.6562	69.0562	94.4562	119.8562	145.2562	170.6562	196.0562	221.4562
47/64	.734375	18.6531	44.0531	69.4531	94.8531	120.2531	145.6531	171.0531	196.4531	221.8531
3/4	.75	19.05	44.45	69.85	95.25	120.65	146.05	171.45	196.85	222.25
49/64	.765625	19.4469	44.8469	70.2469	95.6469	121.0469	146.4469	171.8469	197.2469	222.6469
25/32	.78125	19.8438	45.2438	70.6438	96.0438	121.4438	146.8438	172.2438	197.6438	223.0438
51/64	.796875	20.2406	45.6406	71.0406	96.4406	121.8406	147.2406	172.6406	198.0406	223.4406
13/16	.8125	20.6375	46.0375	71.4375	96.8375	122.2375	147.6375	173.0375	198.4375	223.8375
53/64	.828125	21.0344	46.4344	71.8344	97.2344	122.6344	148.0344	173.4344	198.8344	224.2344
27/32	.84375	21.4312	46.8312	72.2312	97.6312	123.0312	148.4312	173.8312	199.2312	224.6312
55/64	.859375	21.8281	47.2281	72.6281	98.0281	123.4281	148.8281	174.2281	199.6281	225.0281
7/8	.875	22.225	47.625	73.025	98.425	123.825	149.225	174.625	200.025	225.425
57/64	.890625	22.6219	48.0219	73.4219	98.8219	124.2219	149.6219	175.0219	200.4219	225.8219
29/32	.90625	23.0188	48.4188	73.8188	99.2188	124.6188	150.0188	175.4188	200.8188	226.2188
59/64	.921875	23.4156	48.8156	74.2156	99.6156	125.0156	150.4156	175.8156	201.2156	226.6156
15/16	.9375	23.8125	49.2125	74.6125	100.0125	125.4125	150.8125	176.2125	201.6125	227.0125
61/64	.953125	24.2094	49.6094	75.0094	100.4094	125.8094	151.2094	176.6094	202.0094	227.4094
31/32	.96875	24.6062	50.0062	75.4062	100.8062	126.2062	151.6062	177.0062	202.4062	227.8062
63/64	.984375	25.0031	50.4031	75.8031	101.2031	126.6031	152.0031	177.4031	202.8031	228.2031

## CONVERSION TABLE

Rockwell C scale (150kg)	Vickers	Brinell		Rockwell		Shore
		Standard ball	Tungsten car- bide ball	A scale (60kg)	B scale (100kg)	
68	940	—	—	85.6	—	97
67	900	—	—	85.0	—	95
66	865	—	—	84.5	—	92
65	832	—	739	83.9	—	91
64	800	—	722	83.4	—	88
63	772	—	705	82.8	—	87
62	746	—	688	82.3	—	85
61	720	—	670	81.8	—	83
60	697	—	654	81.2	—	81
59	674	—	634	80.7	—	80
58	653	—	615	80.1	—	78
57	633	—	595	79.6	—	76
56	613	—	577	79.0	—	75
55	595	—	560	78.5	—	74
54	577	—	543	78.0	—	72
53	560	—	525	77.4	—	71
52	544	500	512	76.8	—	69
51	528	487	496	76.3	—	68
50	513	475	481	75.9	—	67
49	498	464	469	75.2	—	66
48	484	451	455	74.7	—	64
47	471	442	443	74.1	—	63
46	458	432	432	73.6	—	62
45	446	421	421	73.1	—	60
44	434	409	400	72.5	—	58
43	423	400	400	72.0	—	57
42	412	390	390	71.5	—	56
41	402	381	381	70.9	—	55
40	392	371	371	70.4	—	54
39	382	362	362	69.9	—	52
38	372	353	353	69.4	—	51
37	363	344	344	68.9	—	50
36	354	336	336	68.4	(109.0)	59
35	345	327	327	67.9	(108.5)	48
34	336	319	319	67.4	(108.0)	47
33	327	311	311	66.8	(107.5)	46
32	318	301	301	66.3	(107.0)	44
31	310	294	294	65.8	(106.0)	43
30	302	286	286	65.3	(105.5)	42
29	294	279	279	64.7	(104.5)	41
28	286	271	271	64.3	(104.0)	41
27	279	264	264	63.8	(103.0)	40
26	272	258	258	63.8	(102.5)	38
25	266	253	253	62.8	(101.5)	38
24	260	247	247	62.4	(101.0)	37
23	254	243	243	62.0	100.0	36
22	248	237	237	61.5	99.0	35
21	243	231	231	61.0	98.5	35
20	238	226	226	60.5	97.8	34
(18)	230	219	219	—	96.7	33
(16)	222	212	212	—	95.5	32
(14)	213	203	203	—	93.9	31
(12)	204	194	194	—	92.3	29
(10)	196	187	187	—	90.7	28
( 8)	188	179	179	—	89.5	27
( 6)	180	171	171	—	87.1	26
( 4)	173	165	165	—	85.5	25
( 2)	166	158	158	—	83.5	24
( 0)	160	152	152	—	81.7	24

# KGF - IBF 환산표 CONVERSION TABLE

## CONVERSION TABLE

1kgf=2,2046lbf

1lbf=0,45359kgf

kgf		lbf
0,454	1	2,205
0,907	2	4,409
1,361	3	6,614
1,814	4	8,818
2,268	5	11,023
2,722	6	13,228
3,175	7	15,432
3,629	8	17,637
4,082	9	19,842
4,536	10	22,046
4,990	11	24,251
5,443	12	26,455
5,897	13	28,660
6,350	14	30,865
6,804	15	33,069
7,257	16	35,274
7,711	17	37,479
8,165	18	39,683
8,618	19	41,888
9,072	20	44,092
9,525	21	46,297
9,979	22	48,502
10,433	23	50,706
10,886	24	42,911
11,340	25	55,116
11,793	26	57,320
12,247	27	59,525
12,701	28	61,729
13,154	29	63,934
13,608	30	66,139
14,061	31	68,343
14,515	32	70,548
14,969	33	72,753

kgf		lbf
15,422	34	74,957
15,876	35	77,162
16,329	36	79,366
16,783	37	81,571
17,237	38	83,776
17,690	39	85,980
18,144	40	88,185
18,597	41	90,390
19,051	42	92,594
19,504	43	94,799
19,958	44	97,003
20,412	45	99,208
20,865	56	101,41
21,319	47	103,62
21,772	48	105,82
22,226	49	108,03
22,680	50	110,23
23,133	51	112,44
23,587	52	114,64
24,040	53	116,84
24,494	54	119,05
24,948	55	121,25
25,401	56	123,46
25,855	57	125,66
26,308	58	127,87
26,762	59	130,07
27,216	60	132,28
27,669	61	134,48
28,123	62	136,69
28,576	63	138,89
29,030	64	141,10
29,484	65	143,30
29,937	66	145,51

kgf		lbf
30,391	67	147,71
30,844	68	149,91
31,298	69	152,12
31,751	70	154,32
32,205	71	156,53
32,659	72	158,73
33,112	73	160,94
33,566	74	163,14
34,019	75	165,35
34,473	76	167,55
34,927	77	169,76
35,380	78	171,96
35,834	79	174,17
36,287	80	176,37
36,741	81	178,57
37,195	82	180,78
37,648	83	182,98
38,102	84	185,19
38,555	85	187,39
39,009	86	189,60
39,463	87	191,80
39,916	88	194,01
40,370	89	196,21
40,823	90	198,42
41,277	91	200,62
41,730	92	202,83
42,184	93	205,03
42,638	94	207,23
43,091	95	209,44
43,545	96	211,64
43,998	97	213,85
44,452	98	216,05
44,906	99	218,26

# KGF - N 환산표 CONVERSION TABLE

## CONVERSION TABLE

1kgf=9.80665N  
1lbf=0.101972kgf

kgf		N	kgf		N	kgf		N
0.1020	1	9.8066	3.4670	34	333.43	6.8321	67	657.05
0.2039	2	19.613	3.5690	35	343.23	6.9341	68	666.85
0.3059	3	29.420	3.6710	36	353.04	7.0360	69	676.66
0.4079	4	39.227	3.7729	37	362.85	7.1380	70	686.47
0.5099	5	49.033	3.8749	38	372.65	7.2400	71	696.27
0.6118	6	58.840	3.9769	39	382.46	7.3420	72	706.08
0.7138	7	68.647	4.0789	40	392.27	7.4439	73	715.89
0.8158	8	78.453	4.1808	41	402.07	7.5459	74	725.69
0.9177	9	88.260	4.2828	42	411.88	7.6479	75	735.50
1.0197	10	98.066	4.3848	43	421.69	7.7498	76	745.31
1.1217	11	107.87	4.4868	44	431.49	7.8518	77	755.11
1.2237	12	117.68	4.5887	45	441.30	7.9538	78	764.92
1.3256	13	127.49	4.6907	46	451.11	8.0558	79	774.73
1.4276	14	137.29	4.7927	47	460.91	8.1577	80	784.53
1.5296	15	147.10	4.8946	48	470.72	8.2597	81	794.34
1.6315	16	156.91	4.9966	49	480.54	8.3617	82	804.15
1.7335	17	166.71	5.0986	50	490.33	8.4636	83	813.95
1.8355	18	176.52	5.2006	51	500.14	8.5656	84	823.76
1.9375	19	186.33	5.3025	52	509.95	8.6676	85	833.57
2.0394	20	196.13	5.4045	53	519.75	8.7696	86	843.37
2.1414	21	205.94	5.5065	54	529.56	8.8715	87	853.18
2.2434	22	215.75	5.6084	55	539.37	8.9735	88	862.99
2.3453	23	225.55	5.7104	56	549.17	9.0755	89	872.79
2.4473	24	235.36	5.8124	57	558.98	9.1774	90	882.60
2.5493	25	245.17	5.9144	58	568.79	9.2794	91	892.41
2.6513	26	254.97	6.0163	59	578.59	9.3814	92	902.21
2.7532	27	264.78	6.1183	60	588.40	9.4834	93	912.02
2.8552	28	274.59	6.2203	61	598.21	9.5853	94	921.83
2.9572	29	284.39	6.3222	62	608.01	9.6873	95	931.63
3.0591	30	294.20	6.4242	63	617.82	9.7893	96	941.44
3.1611	31	304.01	6.5262	64	627.63	9.8912	97	951.25
3.2631	32	313.81	6.6282	65	637.43	9.9932	98	961.05
3.3651	33	323.62	6.7301	66	647.24	10.095	99	970.86

# 온도 환산표 TEMPERATURE CONVERSION TABLE

## CONVERSION TABLE

$$C = \frac{5}{9} (F - 32)$$

$$F = \frac{9}{5} C + 32$$

°C		°F	°C		°F	°C		°F	°C		°F
-62.2	-80	-112.0	13.3	56	132.8	49.4	121	249.8	85.6	186	366.8
-56.7	-70	-94.0	13.9	57	134.6	50.0	122	251.6	86.1	187	368.6
-51.1	-60	-76.0	14.4	58	136.4	50.6	123	253.4	86.7	188	370.4
-45.6	-50	-58.0	15.0	59	138.2	51.1	124	255.2	87.2	189	372.2
-40.0	-40	-40.0	15.6	60	140.0	51.7	125	257.0	87.8	190	374.0
-34.4	-30	-20.0	16.1	61	141.8	52.2	126	258.8	88.3	191	375.8
-28.9	-20	-4.0	16.7	62	143.6	52.8	127	260.6	88.9	192	377.6
-23.3	-10	14.0	17.2	63	145.4	53.3	128	262.4	89.4	193	379.4
-17.8	0	32.0	17.8	64	147.2	53.9	129	264.2	90.0	194	381.2
-17.2	1	33.8	18.3	65	149.0	54.4	130	266.0	90.6	195	383.0
-16.7	2	35.6	18.9	66	150.8	55.0	131	267.8	91.1	196	384.8
-16.1	3	37.4	19.4	67	152.6	55.6	132	269.6	91.6	197	386.6
-15.6	4	39.2	20.0	68	154.4	56.1	133	271.4	91.7	198	388.4
-15.0	5	41.0	20.6	69	156.2	56.7	134	273.2	92.2	199	390.2
-14.4	6	42.8	21.1	70	158.0	57.2	135	275.0	93.3	200	392.0
-13.9	7	44.6	21.7	71	159.8	57.8	136	276.8	98.9	210	410.0
-13.3	8	46.4	22.2	72	161.6	58.3	137	278.6	104.4	220	428.0
-12.8	9	48.2	22.8	73	163.4	58.9	138	280.4	110.0	230	446.0
-12.2	10	50.0	23.3	74	165.2	59.4	139	282.2	115.6	240	464.0
-11.7	11	51.8	23.9	75	167.0	60.0	140	284.0	121.1	250	482.0
-11.1	12	53.6	24.4	76	168.8	60.6	141	285.8	126.7	260	500.0
-10.6	13	55.4	25.0	77	170.6	61.1	142	287.6	132.2	270	518.0
-10.0	14	57.2	25.6	78	172.4	61.7	143	289.4	137.8	280	536.0
-9.4	15	59.0	26.1	79	174.2	62.2	144	291.2	143.3	290	554.0
-8.9	16	60.8	26.7	80	176.0	62.8	145	293.0	148.9	300	572.0
-8.3	17	62.6	27.2	81	177.8	63.3	146	294.8	154.4	310	590.0
-7.8	18	64.4	27.8	82	179.6	63.9	147	296.6	160.0	320	608.0
-7.2	19	66.2	28.3	83	181.4	64.4	148	298.4	165.6	330	626.0
-6.7	20	68.0	28.9	84	183.2	65.0	149	300.2	171.1	340	644.0
-6.1	21	69.8	29.4	85	185.0	65.6	150	302.0	177.7	350	662.0
-5.6	22	71.6	30.0	86	186.8	66.1	151	303.8	182.2	360	680.0
-5.0	23	73.4	30.6	87	188.6	66.7	152	305.6	187.8	370	698.0
-4.4	24	75.2	31.1	88	190.4	67.2	153	307.4	193.3	380	716.0
-3.9	25	77.0	31.7	89	192.2	67.8	154	309.2	198.9	390	734.0
-3.3	26	78.8	32.2	90	194.0	68.3	155	311.0	204.4	400	752.0
-2.8	27	80.6	32.8	91	195.8	68.9	156	312.8	210.0	410	770.0
-2.2	28	82.4	33.3	92	197.6	69.4	157	314.6	215.6	420	788.0
-1.7	29	84.2	33.9	93	199.4	70.0	158	316.4	221.1	430	806.0
-1.1	30	86.0	34.4	94	201.2	70.6	159	318.2	226.7	440	824.0
-0.6	31	87.8	35.0	95	203.0	71.1	160	320.0	232.2	450	842.0
0.0	32	89.6	35.6	96	204.8	71.7	161	321.8	237.8	460	860.0
0.6	33	91.4	36.1	97	206.6	72.2	162	323.6	243.3	470	878.0
1.1	34	93.2	36.7	98	208.4	72.8	163	325.4	248.9	480	896.0
1.7	35	95.0	37.2	99	210.2	73.3	164	327.2	254.4	490	914.0
2.2	36	96.8	37.8	100	212.0	73.9	165	329.0	260.0	500	932.0
2.8	37	98.6	38.3	101	213.8	74.4	166	330.8	265.6	510	950.0
3.3	38	100.4	38.9	102	215.6	75.0	167	332.6	271.1	520	968.0
3.9	39	102.2	39.4	103	217.4	75.6	168	334.4	276.7	530	986.0
4.4	40	104.0	40.0	104	219.2	76.1	169	336.2	282.2	540	1004.0
5.0	41	105.8	40.6	105	221.0	76.7	170	338.0	287.8	550	1022.0
5.6	42	107.6	41.1	106	222.8	77.2	171	339.8	293.3	560	1040.0
6.1	43	109.4	41.7	107	224.6	77.8	172	341.6	298.9	570	1058.0
6.7	44	111.2	42.2	108	226.4	78.3	173	343.4	304.4	580	1076.0
7.2	45	113.0	42.8	109	228.2	78.9	174	345.2	310.0	590	1094.0
7.8	46	114.8	43.3	110	230.0	79.4	175	347.0	315.6	600	1112.0
8.3	47	116.6	43.9	111	231.8	80.8	176	348.8	321.1	610	1130.0
8.9	48	118.4	44.4	112	233.6	80.6	177	350.6	326.7	620	1148.0
9.4	49	120.2	45.0	113	235.4	81.1	178	352.4	332.2	630	1166.0
10.0	50	122.0	45.6	114	237.2	81.7	179	354.2	337.8	640	1184.0
10.6	51	123.8	46.1	115	239.0	82.2	180	356.0	343.3	650	1202.0
11.1	52	125.6	46.7	116	240.8	82.8	181	357.8	348.9	660	1220.0
11.7	53	127.4	47.2	117	242.6	83.3	182	359.6	354.4	670	1238.0
12.2	54	129.2	47.8	118	244.4	83.9	183	361.4	360.0	680	1256.0
12.8	55	131.0	48.3	119	246.2	84.4	184	363.2	365.6	690	1274.0
			48.9	120	248.0	85.0	185	365.0	371.1	700	1292.0

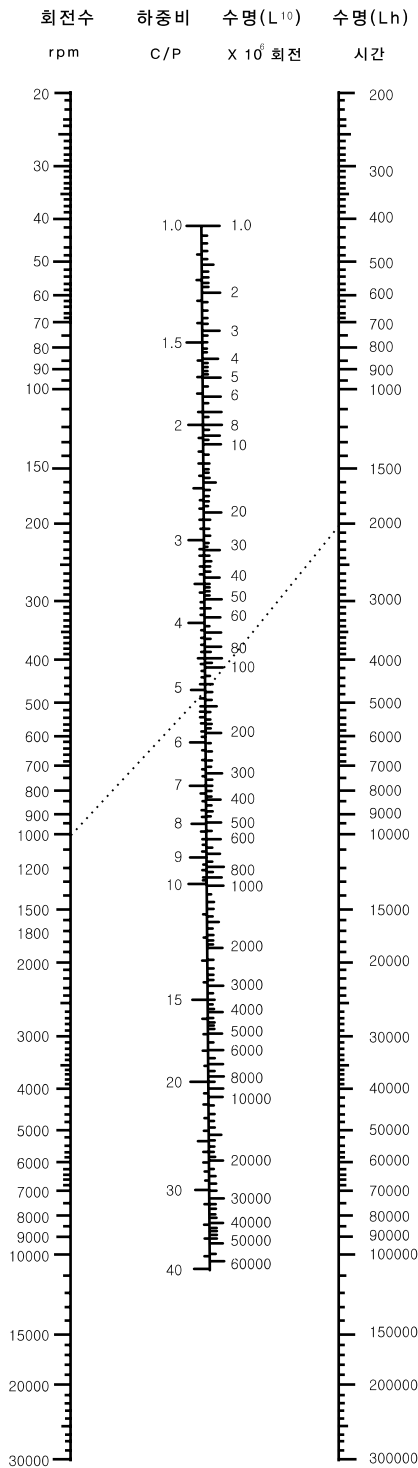
# 점도 환산표 VISCOSITY CONVERSION TABLE

## CONVERSION TABLE

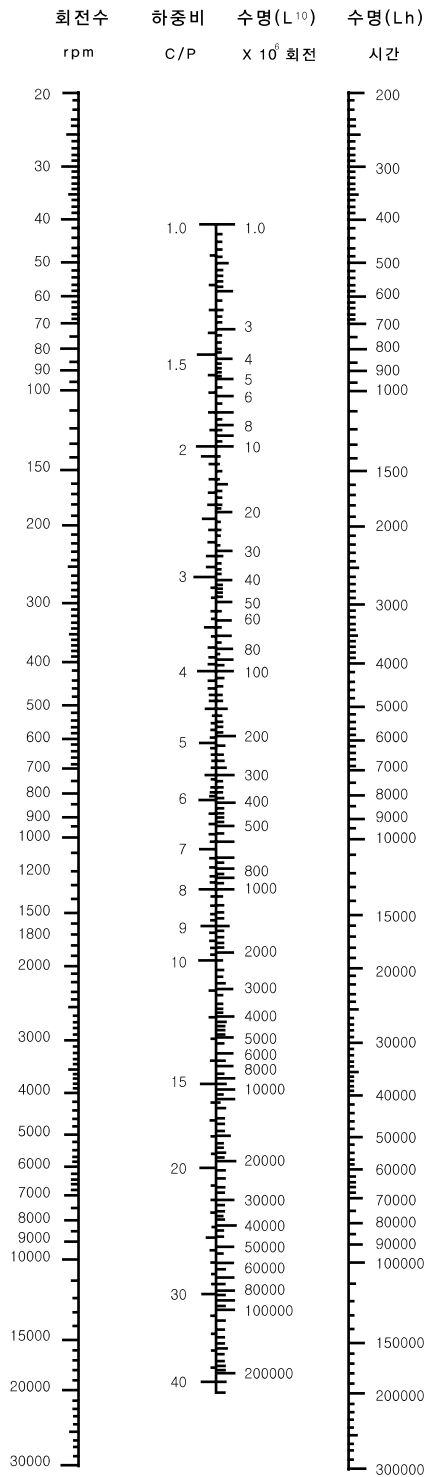
Centistokes (cSt)	Saybolt SUS (sec.)		Redwood R (sec.)		Englar E (deg.)	Centistokes (cSt)	Saybolt SUS (sec.)		Redwood R (sec.)		Englar E (deg.)
	100°F	210°F	50°C	100°C			100°F	210°F	50°C	100°C	
2	32.6	32.8	30.8	31.2	1.14	35	163	164	144	147	4.70
3	36.0	36.3	33.3	33.7	1.22	36	168	170	148	151	4.83
4	39.1	39.4	35.9	36.5	1.31	37	172	173	153	155	4.96
5	42.3	42.6	38.5	39.1	1.40	38	177	178	156	159	5.08
6	45.5	45.8	41.1	41.7	1.48	39	181	183	160	164	5.21
7	48.7	49.0	43.7	44.3	1.56	40	186	187	164	168	5.34
8	52.0	52.4	46.3	47.2	1.65	41	190	192	168	172	5.47
9	55.4	55.8	49.1	50.0	1.75	42	195	196	172	176	5.59
10	58.8	59.2	52.1	52.9	1.84	43	199	201	176	180	5.72
11	62.3	62.7	55.1	56.0	1.93	44	204	205	180	185	5.85
12	65.9	66.4	58.2	59.1	2.02	45	208	210	184	189	5.98
13	69.6	70.1	61.4	62.3	2.12	46	213	215	188	193	6.11
14	73.4	73.9	64.7	65.6	2.22	47	218	219	193	197	6.24
15	77.2	77.7	68.0	69.1	2.32	48	222	224	197	202	6.37
16	81.1	81.7	71.5	72.6	2.43	49	227	228	201	206	6.50
17	85.1	85.7	75.0	76.1	2.54	50	231	233	205	210	6.63
18	89.2	89.8	78.6	79.7	2.64	55	254	256	225	231	7.24
19	93.3	94.0	82.1	83.6	2.76	60	277	279	245	252	7.90
20	97.5	98.2	85.8	87.4	2.87	65	300	302	266	273	8.55
21	102	102	89.5	91.3	2.98	70	323	326	286	294	9.21
22	106	107	93.3	95.1	3.10	75	346	349	306	315	9.89
23	110	111	97.1	98.9	3.22	80	371	373	326	336	10.5
24	115	115	101	103	3.34	85	394	397	347	357	11.2
25	119	120	105	107	3.46	90	417	420	367	378	11.8
26	123	124	109	111	3.58	95	440	443	387	399	12.5
27	128	129	112	115	3.70	100	464	467	408	420	13.2
28	132	133	116	119	3.82	120	556	560	490	504	15.8
29	137	138	120	123	3.95	140	649	653	571	588	18.4
30	141	142	124	127	4.07	160	742	747	653	672	21.1
31	145	146	128	131	4.20	180	834	840	734	757	23.7
32	150	150	132	135	4.32	200	927	933	816	841	26.3
33	154	155	136	139	4.45	250	1,159	1,167	1,020	1,051	32.9
34	159	160	140	143	4.57	300	1,391	1,400	1,224	1,241	39.5

## CONVERSION TABLE

볼 베어링 Ball bearing



로울러 베어링 Roller bearing



Ex) 볼 베어링 :  $n=1000\text{rpm}$ ,  $C/P=5 \rightarrow L_{10} = 125 \times 10^6$  회전,  $L_h=2080$  시간