



Farrell Bearings Limited

Metric/Imperial Conversion Sheet to 10 INCH

1MM = .03937 "

1" = 25.4MM

INCH		0	1	2	3	4	5	6	7	8	9	10
Fraction	Decimal	MM										
0	0.000000	0.000	25.400	50.800	76.200	101.600	127.000	152.400	177.800	203.200	228.600	254.000
1/64	0.015625	0.397	25.797	51.197	76.597	101.997	127.397	152.797	178.197	203.597	228.997	254.397
1/32	0.031250	0.794	26.194	51.594	76.994	102.394	127.794	153.194	178.594	203.994	229.394	254.794
3/64	0.046875	1.191	26.591	51.991	77.391	102.791	128.191	153.591	178.991	204.391	229.791	255.191
1/16	0.062500	1.588	26.988	52.388	77.788	103.188	128.588	153.988	179.388	204.788	230.188	255.588
5/64	0.078125	1.984	27.384	52.784	78.184	103.584	128.984	154.384	179.784	205.184	230.584	255.984
3/32	0.093750	2.381	27.781	53.181	78.581	103.981	129.381	154.781	180.181	205.581	230.981	256.381
7/64	0.109375	2.778	28.178	53.578	78.978	104.378	129.778	155.178	180.578	205.978	231.378	256.778
1/8	0.125000	3.175	28.575	53.975	79.375	104.775	130.175	155.575	180.975	206.375	231.775	257.175
9/64	0.140625	3.572	28.972	54.372	79.772	105.172	130.572	155.972	181.372	206.772	232.172	257.572
5/32	0.156250	3.969	29.369	54.769	80.169	105.569	130.969	156.369	181.769	207.169	232.569	257.969
11/64	0.171875	4.366	29.766	55.166	80.566	105.966	131.366	156.766	182.166	207.566	232.966	258.366
3/16	0.187500	4.763	30.163	55.563	80.963	106.363	131.763	157.163	182.563	207.963	233.363	258.763
13/64	0.203125	5.159	30.559	55.959	81.359	106.759	132.159	157.559	182.959	208.359	233.759	259.159
7/32	0.218750	5.556	30.956	56.356	81.756	107.156	132.556	157.956	183.356	208.756	234.156	259.556
15/64	0.234375	5.953	31.353	56.753	82.153	107.553	132.953	158.353	183.753	209.153	234.553	259.953
1/4	0.250000	6.350	31.750	57.150	82.550	107.950	133.350	158.750	184.150	209.550	234.950	260.350
17/64	0.265625	6.747	32.147	57.547	82.947	108.347	133.747	159.147	184.547	209.947	235.347	260.747
9/32	0.281250	7.144	32.544	57.944	83.344	108.744	134.144	159.544	184.944	210.344	235.744	261.144
19/64	0.296875	7.541	32.941	58.341	83.741	109.141	134.541	159.941	185.341	210.741	236.141	261.541
5/16	0.312500	7.938	33.338	58.738	84.138	109.538	134.938	160.338	185.738	211.138	236.538	261.938
21/64	0.328125	8.334	33.734	59.134	84.534	109.934	135.334	160.734	186.134	211.534	236.934	262.334
11/32	0.343750	8.731	34.131	59.531	84.931	110.331	135.731	161.131	186.531	211.931	237.331	262.731
23/64	0.359375	9.128	34.528	59.928	85.328	110.728	136.128	161.528	186.928	212.328	237.728	263.128
3/8	0.375000	9.525	34.925	60.325	85.725	111.125	136.525	161.925	187.325	212.725	238.125	263.525
25/64	0.390625	9.922	35.322	60.722	86.122	111.522	136.922	162.322	187.722	213.122	238.522	263.922
13/32	0.406250	10.319	35.719	61.119	86.519	111.919	137.319	162.719	188.119	213.519	238.919	264.319
27/64	0.421875	10.716	36.116	61.516	86.916	112.316	137.716	163.116	188.516	213.916	239.316	264.716
7/16	0.437500	11.113	36.513	61.913	87.313	112.713	138.113	163.513	188.913	214.313	239.713	265.113
29/64	0.453125	11.509	36.909	62.309	87.709	113.109	138.509	163.909	189.309	214.709	240.109	265.509
15/32	0.468750	11.906	37.306	62.706	88.106	113.506	138.906	164.306	189.706	215.106	240.506	265.906
31/64	0.484375	12.303	37.703	63.103	88.503	113.903	139.303	164.703	190.103	215.503	240.903	266.303
1/2	0.500000	12.700	38.100	63.500	88.900	114.300	139.700	165.100	190.500	215.900	241.300	266.700
33/64	0.515625	13.097	38.497	63.897	89.297	114.697	140.097	165.497	190.897	216.297	241.697	267.097
17/32	0.531250	13.494	38.894	64.294	89.694	115.094	140.494	165.894	191.294	216.694	242.094	267.494
35/64	0.546875	13.891	39.291	64.691	90.091	115.491	140.891	166.291	191.691	217.091	242.491	267.891
9/16	0.562500	14.288	39.688	65.088	90.488	115.888	141.288	166.688	192.088	217.488	242.888	268.288
37/64	0.578125	14.684	40.084	65.484	90.884	116.284	141.684	167.084	192.484	217.884	243.284	268.684
19/32	0.593750	15.081	40.481	65.881	91.281	116.681	142.081	167.481	192.881	218.281	243.681	269.081
39/64	0.609375	15.478	40.878	66.278	91.678	117.078	142.478	167.878	193.278	218.678	244.078	269.478
5/8	0.625000	15.875	41.275	66.675	92.075	117.475	142.875	168.275	193.675	219.075	244.475	269.875
41/64	0.640625	16.272	41.672	67.072	92.472	117.872	143.272	168.672	194.072	219.472	244.872	270.272
21/32	0.656250	16.669	42.069	67.469	92.869	118.269	143.669	169.069	194.469	219.869	245.269	270.669
43/64	0.671875	17.066	42.466	67.866	93.266	118.666	144.066	169.466	194.866	220.266	245.666	271.066
11/16	0.687500	17.463	42.863	68.263	93.663	119.063	144.463	169.863	195.263	220.663	246.063	271.463
45/64	0.703125	17.859	43.259	68.659	94.059	119.459	144.859	170.259	195.659	221.059	246.459	271.859
23/32	0.718750	18.256	43.656	69.056	94.456	119.856	145.256	170.656	196.056	221.456	246.856	272.256
47/64	0.734375	18.653	44.053	69.453	94.853	120.253	145.653	171.053	196.453	221.853	247.253	272.653
3/4	0.750000	19.050	44.450	69.850	95.250	120.650	146.050	171.450	196.850	222.250	247.650	273.050
49/64	0.765625	19.447	44.847	70.247	95.647	121.047	146.447	171.847	197.247	222.647	248.047	273.447
25/32	0.781250	19.844	45.244	70.644	96.044	121.444	146.844	172.244	197.644	223.044	248.444	273.844
51/64	0.796875	20.241	45.641	71.041	96.441	121.841	147.241	172.641	198.041	223.441	248.841	274.241
13/16	0.812500	20.638	46.038	71.438	96.838	122.238	147.638	173.038	198.438	223.838	249.238	274.638
53/64	0.828125	21.034	46.434	71.834	97.234	122.634	148.034	173.434	198.834	224.234	249.634	275.034
27/32	0.843750	21.431	46.831	72.231	97.631	123.031	148.431	173.831	199.231	224.631	250.031	275.431
55/64	0.859375	21.828	47.228	72.628	98.028	123.428	148.828	174.228	199.628	225.028	250.428	275.828
7/8	0.875000	22.225	47.625	73.025	98.425	123.825	149.225	174.625	200.025	225.425	250.825	276.225
57/64	0.890625	22.622	48.022	73.422	98.822	124.222	149.622	175.022	200.422	225.822	251.222	276.622
29/32	0.906250	23.019	48.419	73.819	99.219	124.619	150.019	175.419	200.819	226.219	251.619	277.019
59/64	0.921875	23.416	48.816	74.216	99.616	125.016	150.416	175.816	201.216	226.616	252.016	277.416
15/16	0.937500	23.813	49.213	74.613	100.013	125.413	150.813	176.213	201.613	227.013	252.413	277.813
61/64	0.953125	24.209	49.609	75.009	100.409	125.809	151.209	176.609	202.009	227.409	252.809	278.209
31/32	0.968750	24.606	50.006	75.406	100.806	126.206	151.606	177.006	202.406	227.806	253.206	278.606
63/64	0.984375	25.003	50.403	75.803	101.203	126.603	152.003	177.403	202.803	228.203	253.603	279.003



Farrell Bearings Limited

Metric/Imperial Conversion Sheet

Imperial Fraction to MM

Basic

Fraction	Decimal	Metric MM
1	1	25.4
1/2	0.5	12.7
1/4	0.25	6.35
3/4	0.75	19.05

8ths

Fraction	Decimal	Metric MM
1/8	0.125	3.175
3/8	0.375	9.525
5/8	0.625	15.875
7/8	0.875	22.225

16ths

Fraction	Decimal	Metric MM
1/16	0.063	1.588
3/16	0.188	4.763
5/16	0.313	7.938
7/16	0.438	11.113
9/16	0.563	14.288
11/16	0.688	17.463
13/16	0.813	20.638
15/16	0.938	23.813

32nds

Fraction	Decimal	Metric MM
1/32	0.031	0.794
3/32	0.094	2.381
5/32	0.156	3.969
7/32	0.219	5.556
9/32	0.281	7.144
11/32	0.344	8.731
13/32	0.406	10.319
15/32	0.469	11.906
17/32	0.531	13.494
19/32	0.594	15.081
21/32	0.656	16.669
23/32	0.719	18.256
25/32	0.781	19.844
27/32	0.844	21.431
29/32	0.906	23.019
31/32	0.969	24.606

64ths

Fraction	Decimal	Metric MM
1/64	0.016	0.397
3/64	0.047	1.191
5/64	0.078	1.984
7/64	0.109	2.778
9/64	0.141	3.572
11/64	0.172	4.366
13/64	0.203	5.159
15/64	0.234	5.953
17/64	0.266	6.747
19/64	0.297	7.541
21/64	0.328	8.334
23/64	0.359	9.128
25/64	0.391	9.922
27/64	0.422	10.716
29/64	0.453	11.509
31/64	0.484	12.303
33/64	0.516	13.097
35/64	0.547	13.891
37/64	0.578	14.684
39/64	0.609	15.478
41/64	0.641	16.272
43/64	0.672	17.066
45/64	0.703	17.859
47/64	0.734	18.653
49/64	0.766	19.447
51/64	0.797	20.241
53/64	0.828	21.034
55/64	0.859	21.828
57/64	0.891	22.622
59/64	0.922	23.416
61/64	0.953	24.209
63/64	0.984	25.003

MM to Imperial Fraction

0-12.7MM

Metric MM	Decimal	Fraction
0.397	0.016	1/64
0.794	0.031	1/32
1.191	0.047	3/64
1.588	0.063	1/16
1.984	0.078	5/64
2.381	0.094	3/32
2.778	0.109	7/64
3.175	0.125	1/8
3.572	0.141	9/64
3.969	0.156	5/32
4.366	0.172	11/64
4.763	0.188	3/16
5.159	0.203	13/64
5.556	0.219	7/32
5.953	0.234	15/64
6.35	0.25	1/4
6.747	0.266	17/64
7.144	0.281	9/32
7.541	0.297	19/64
7.938	0.313	5/16
8.334	0.328	21/64
8.731	0.344	11/32
9.128	0.359	23/64
9.525	0.375	3/8
9.922	0.391	25/64
10.319	0.406	13/32
10.716	0.422	27/64
11.113	0.438	7/16
11.509	0.453	29/64
11.906	0.469	15/32
12.303	0.484	31/64
12.7	0.5	1/2

13-25.4MM

Metric MM	Decimal	Fraction
13.097	0.516	33/64
13.494	0.531	17/32
13.891	0.547	35/64
14.288	0.563	9/16
14.684	0.578	37/64
15.081	0.594	19/32
15.478	0.609	39/64
15.875	0.625	5/8
16.272	0.641	41/64
16.669	0.656	21/32
17.066	0.672	43/64
17.463	0.688	11/16
17.859	0.703	45/64
18.256	0.719	23/32
18.653	0.734	47/64
19.05	0.75	3/4
19.447	0.766	49/64
19.844	0.781	25/32
20.241	0.797	51/64
20.638	0.813	13/16
21.034	0.828	53/64
21.431	0.844	27/32
21.828	0.859	55/64
22.225	0.875	7/8
22.622	0.891	57/64
23.019	0.906	29/32
23.416	0.922	59/64
23.813	0.938	15/16
24.209	0.953	61/64
24.606	0.969	31/32
25.003	0.984	63/64
25.4	1	1

Conversion

1 INCH	=	25.4MM
1 MM	=	.03937008 INCH