

Metric to INCH conversion chart

Preferred nominal ball diameters

Nominal ball diameter D _w mm	Corresponding inch size (reference) in	Nominal ball diameter D _w mm	Corresponding inch size (reference) in	Nominal ball diameter D _w mm	Corresponding inch size (reference) in
0.3	—	6	—	15.08125	19/32
0.39688	1/64	6.35	1/4	15.875	5/8
0.4	—	6.5	—	16	—
0.5	—	6.74688	17/64	16.66875	21/32
0.508	1/50	7	—	17	—
0.6	—	7.14375	9/32	17.4625	11/16
0.635	1/40	7.5	—	18	—
0.68	—	7.54062	19/64	18.25625	23/32
0.7	—	7.9375	5/16	19	—
0.79375	1/32	8	—	19.05	3/4
0.8	—	8.33438	21/64	19.84375	25/32
1	—	8.5	—	20	—
1.19062	3/64	8.73125	11/32	20.5	—
1.2	—	9	—	20.6375	13/16
1.5	—	9.12812	23/64	21	—
1.5875	1/16	9.5	—	21.43125	27/32
1.98438	5/64	9.525	3/8	22	—
2	—	9.92188	25/64	22.225	7/8
2.38125	3/32	10	—	22.5	—
2.5	—	10.31875	13/32	23	—
2.77812	7/64	10.5	—	23.01875	29/32
3	—	11	—	23.8125	15/16
3.175	1/8	11.1125	7/16	24	—
3.5	—	11.5	—	24.60625	31/32
3.57188	9/64	11.50938	29/64	25	—
3.96875	5/32	11.90625	15/32	25.4	1
4	—	12	—	26	—
4.36562	11/64	12.30312	31/64	26.19375	1-1/32
4.5	—	12.5	—	26.9875	1-1/16
4.7625	3/16	12.7	1/2	28	—
5	—	13	—	28.575	1-1/8
5.15938	13/64	13.49375	17/32	30	—
5.5	—	14	—	30.1625	1-3/16
5.55625	7/32	14.2875	9/16	31.75	1-1/4
5.95312	15/64	15	—	32	—

Metric to INCH conversion chart

(continued)

Nominal ball diameter D_w mm	Corresponding inch size (reference) in	Nominal ball diameter D_w mm	Corresponding inch size (reference) in	Nominal ball diameter D_w mm	Corresponding inch size (reference) in
33	—	47.625	1-7/8	76.2	3
33.3375	1-5/16	49.2125	1-15/16	79.375	3-1/8
34	—	50	—	80	—
34.925	1-3/8	50.8	2	82.55	3-1/4
35	—	53.975	2-1/8	85	—
36	—	55	—	85.725	3-3/8
36.5125	1-7/16	57.15	2-1/4	88.9	3-1/2
38	—	60	—	90	—
38.1	1-1/2	60.325	2-3/8	92.075	3-5/8
39.6875	1-9/16	63.5	2-1/2	95	—
40	—	65	—	95.25	3-3/4
41.275	1-5/8	66.675	2-5/8	98.425	3-7/8
42.8625	1-11/16	69.85	2-3/4	100	—
44.45	1-3/4	70	—	101.6	4
45	—	73.025	2-7/8	104.775	4-1/8
46.0375	1-13/16	75	—		