

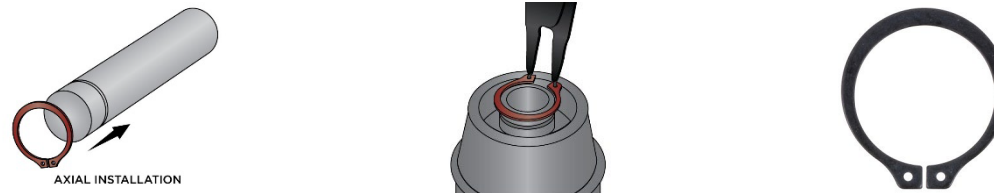
Huyett Retaining Ring Size Chart Guide

A retaining ring is a circular fastener that is secured in a groove on either the outside of a shaft or the inside of a housing or bore. When the retaining ring is in place, it protrudes out from the groove, providing a shoulder that keeps mating components in place.

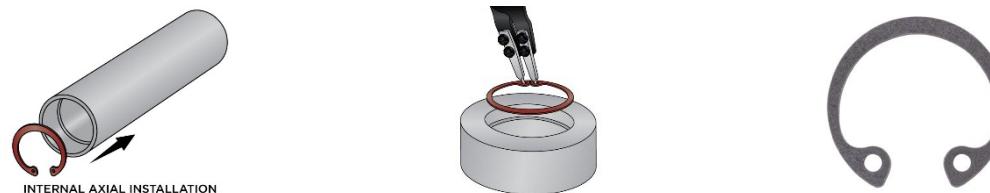
Snap Rings and Housing Rings

There are many different [types of retaining rings](#) produced in a wide range of materials, all of which feature different shapes designed to accommodate different applications. However, this size chart focuses on the most common and standard retaining rings: *snap rings* and *housing rings*.

- [Snap Rings](#): Sometimes referred to as circlips or seeger rings, snap rings are *external* retaining rings, which means they are designed to secure to the outside of a shaft. Snap rings are axially installed and require [snap ring pliers](#) for installation:



- [Housing Rings](#): Housing rings are *internal* retaining rings designed to secure to the inside of a housing or bore. These are also axially installed with [internal retaining ring pliers](#):

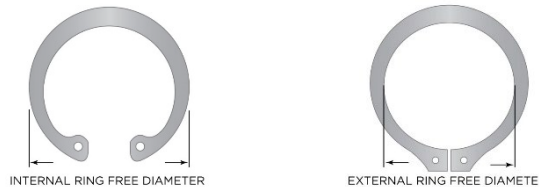


Retaining Ring Diameters

Retaining rings stay in place by exerting pressure on the groove, which causes tension. Because of this, the diameters of the rings will differ slightly from the diameters of the shaft or housing in the application. **External retaining rings will be smaller than their mating shaft, and internal retaining rings will be larger than their mating housing.**

There are several diameters that are important to understand to ensure you are selecting the correct size for your application.

- **Free Diameter:** The diameter of the retaining ring in resting position; it specifically references the part of the ring that will attach to the mating component. For *external* retaining rings, it is the *inner* diameter. For *internal* retaining rings, it is the *outer* diameter:



- **Shaft Diameter:** The diameter of the shaft that an external retaining ring will fit; **this diameter should be slightly larger than the external free diameter**, since the retaining ring will squeeze inwards on the shaft to stay in place.
 - Example: A snap ring with a free diameter of 1.5" (1-1/2in.) will fit a shaft diameter of 1.625" (1-5/8in.).
- **Housing Diameter:** The diameter of the housing or bore that an internal retaining ring will fit; **this diameter should be slightly smaller than the internal free diameter**, since the retaining ring will press itself outwards into the housing groove.
 - Example: A housing ring with a free diameter of 1" (1) will fit a housing diameter of .906" (29/32in.).

The Huyett Retaining Ring Size Chart Guide

The Huyett Retaining Ring Size Chart Guide covers Huyett's selection of snap rings and housing rings. It lists four characteristics for each retaining ring size:

- **Free Diameter**
- **Shaft or Housing Diameter**
- **Available for Stock**
 - This lists the quantity of retaining ring types in the specific size that will either be in stock or are available for stock (parts that are not currently stock will show as "Expected Availability – Please Call").
 - This does not reflect how many *individual* rings are in stock, but how many *types* of rings Huyett offers in that size.
- **Special Order**
 - This lists the number of retaining ring options that Huyett can place a special order for.

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SNAP RING DIAMETER SIZE CHART (in.)



Free Diameter	Shaft Diameter	Available for Stock	Special Order	Free Diameter	Shaft Diameter	Available for Stock	Special Order	Free Diameter	Shaft Diameter	Available for Stock	Special Order	Free Diameter	Shaft Diameter	Available for Stock	Special Order	Free Diameter	Shaft Diameter	Available for Stock	Special Order
0.055	0.059	0	2	0.435	0.473	6	2	1.214	1.313	14	9	2.255	2.438	0	4	3.640	3.938	6	1
0.074	0.078	0	2	0.460	0.500	8	0	1.268	1.375	8	1	2.260	2.438	4	3	3.642	3.938	7	6
0.089	0.094	7	1	0.461	0.500	11	1	1.270	1.375	6	2	2.310	2.500	5	2	3.700	4.00	7	0
0.090	0.101	4	0	0.470	0.500	4	0	1.272	1.375	19	6	2.313	2.500	11	1	3.800	4.125	1	0
0.112	0.125	2	2	0.509	0.551	8	1	1.330	1.438	8	2	2.377	2.559	2	4	3.989	4.250	0	2
0.120	0.125	6	1	0.521	0.563	8	2	1.333	1.438	11	12	2.380	2.559	4	3	3.990	4.250	5	2
0.140	0.156	4	0	0.543	0.591	7	1	1.380	1.500	7	1	2.428	2.625	0	4	4.106	4.375	0	2
0.142	0.156	2	2	0.550	0.594	8	3	1.390	1.500	10	1	2.430	2.625	5	4	4.110	4.375	4	3
0.150	0.156	3	0	0.575	0.625	7	1	1.437	1.563	7	1	2.485	2.688	0	5	4.220	4.500	4	3
0.168	0.188	0	1	0.579	0.625	9	1	1.446	1.563	10	5	2.490	2.688	5	2	4.223	4.500	1	1
0.170	0.188	2	0	0.593	0.625	3	0	1.450	1.563	8	1	2.540	2.750	5	3	4.458	4.750	0	2
0.179	0.197	0	1	0.616	0.669	8	1	1.500	1.625	7	2	2.543	2.750	4	5	4.690	5.000	4	3
0.180	0.197	2	0	0.621	0.669	8	6	1.503	1.625	5	5	2.659	2.875	4	10	4.692	5.000	1	1
0.181	0.188	3	1	0.635	0.688	9	1	1.560	1.688	7	2	2.660	2.875	4	3	4.927	5.250	0	1
0.187	0.197	2	1	0.689	0.750	7	1	1.608	1.750	7	1	2.717	2.938	1	5	4.930	5.250	2	5
0.196	0.219	1	0	0.693	0.750	10	1	1.618	1.750	6	3	2.720	2.938	4	3	5.160	5.500	3	4
0.200	0.219	3	0	0.706	0.750	4	0	1.620	1.750	7	2	2.775	3.00	1	5	5.162	5.500	0	1
0.215	0.234	2	1	0.722	0.781	7	2	1.637	1.772	11	9	2.780	3.00	7	1	5.400	5.750	1	6
0.230	0.250	9	2	0.751	0.813	8	1	1.640	1.772	7	2	2.830	3.063	3	4	5.631	6.000	3	4
0.238	0.250	4	0	0.780	0.844	3	0	1.675	1.813	9	6	2.832	3.063	0	4	5.866	6.250	0	1
0.240	0.266	3	0	0.804	0.875	6	2	1.680	1.813	6	3	2.890	3.125	4	3	5.870	6.250	1	6
0.250	0.276	14	4	0.810	0.875	10	1	1.735	1.875	4	3	2.892	3.125	1	4	6.100	6.500	2	5
0.256	0.281	8	1	0.867	0.938	7	2	1.740	1.875	7	2	2.920	3.156	3	4	6.340	6.750	1	6
0.281	0.313	10	0	0.906	0.984	7	1	1.782	1.938	6	6	3.006	3.250	2	4	6.570	7.000	1	6
0.284	0.313	3	0	0.910	0.984	7	2	1.819	1.969	10	5	3.010	3.250	5	3	6.780	7.250	1	2
0.298	0.313	4	0	0.925	1.000	10	1	1.820	1.969	7	2	3.090	3.344	4	3	7.010	7.500	2	5
0.300	0.328	1	2	0.946	1.023	7	2	1.840	2.000	6	2	3.092	3.344	3	3	7.039	7.500	0	2
0.309	0.344	9	1	0.978	1.063	7	1	1.850	2.000	7	2	3.179	3.438	0	4	7.240	7.750	0	3
0.320	0.354	9	1	0.982	1.063	7	2	1.906	2.063	5	2	3.180	3.438	4	3	7.480	8.000	1	6
0.338	0.375	8	2	1.036	1.125	7	1	1.960	2.125	6	1	3.237	3.500	6	7	7.710	8.250	0	3
0.340	0.375	3	0	1.041	1.125	10	1	1.964	2.125	0	5	3.240	3.500	5	2	7.950	8.500	1	6
0.354	0.394	8	1	1.087	1.181	7	1	1.990	2.156	5	2	3.277	3.543	3	3	7.977	8.500	0	1
0.362	0.394	8	0	1.098	1.118	15	8	1.993	2.156	12	5	3.280	3.543	3	4	8.180	8.750	0	2
0.366	0.406	7	2	1.100	1.118	7	3	2.080	2.250	5	2	3.350	3.625	3	5	8.420	9.000	0	7
0.394	0.428	3	0	1.150	1.250	8	1	2.081	2.250	1	4	3.352	3.625	0	4	8.650	9.250	0	3
0.395	0.438	9	1	1.156	1.250	19	4	2.139	2.313	4	2	3.410	3.688	3	4	8.890	9.500	1	6
0.412	0.438	4	0	1.160	1.250	9	2	2.140	2.313	7	0	3.468	3.750	4	3	9.120	9.750	1	1
0.420	0.461	1	0	1.208	1.313	7	1	2.197	2.375	3	3	3.580	3.875	3	4	9.355	10.000	0	7
0.428	0.469	7	2	1.210	1.313	7	2	2.200	1.313	6	1	3.584	3.875	1	3	9.385	10.000	0	2

SNAP RING DIAMETER SIZE CHART (mm)



Free Diameter	Shaft Diameter	Available for Stock	Special Order	Free Diameter	Shaft Diameter	Available for Stock	Special Order	Free Diameter	Shaft Diameter	Available for Stock	Special Order	Free Diameter	Shaft Diameter	Available for Stock	Special Order	Free Diameter	Shaft Diameter	Available for Stock	Special Order
1.90	2.00	0	1	15.75	17.00	1	0	37.50	41.00	1	0	91.50	97.00	1	1	218.00	230.00	0	1
2.35	2.50	0	1	16.35	17.00	0	2	38.50	42.00	3	0	94.50	100.00	1	3	228.00	240.00	1	0
2.70	3.00	1	1	16.50	18.00	5	1	40.50	44.00	2	0	98.00	105.00	1	0	238.00	250.00	1	0
2.85	3.00	0	1	17.30	18.00	0	1	41.50	45.00	3	1	100.00	107/108	0	2	240.00	255.00	1	0
3.60	4.00	1	0	17.50	19.00	2	2	41.60	45.00	1	0	103.00	110.00	1	0	245.00	260.00	1	0
3.70	4.00	2	1	18.35	20.00	1	0	42.50	46.00	1	0	105.00	112.00	0	1	255.00	270.00	0	1
3.80	4.00	0	1	18.50	20.00	5	0	43.50	47.00	1	0	108.00	115.00	1	0	265.00	280.00	1	0
4.70	5.00	3	0	19.30	20.00	0	1	44.50	48.00	3	1	110.00	117/118	0	2	275.00	290.00	0	1
4.75	5.00	1	1	19.50	21.00	2	1	45.80	50.00	4	1	113.00	120.00	1	0	285.00	300.00	0	1
5.20	5.50	0	1	20.50	22.00	3	1	47.80	52.00	2	1	115.00	122.00	0	1	293.00	310.00	0	1
5.60	6.00	2	1	21.50	23.00	1	1	49.80	54.00	1	1	118.00	125.00	0	1	303.00	320.00	0	1
5.70	6.00	0	1	22.20	24.00	3	2	50.80	55.00	3	0	120.00	127/128	1	1	313.00	330.00	0	1
6.50	7.00	2	1	23.10	25.00	1	0	51.80	56.00	1	0	123.00	130.00	1	0	323.00	340.00	0	1
6.70	7.00	1	0	23.20	25.00	5	0	52.80	57.00	0	1	125.00	132.00	0	1	330.00	350.00	0	1
7.15	8.00	1	0	24.05	26.00	1	0	53.80	58.00	1	2	128.00	135.00	1	0	343.00	360.00	0	1
7.40	8.00	4	0	24.15	25.00	0	1	55.80	60.00	4	0	130.00	137/138	0	2	353.00	370.00	0	1
7.70	8.00	1	0	24.20	26.00	2	1	57.80	62.00	2	1	133.00	140.00	1	0	363.00	380.00	0	1
8.15	9.00	1	0	24.70	27.00	0	1	58.80	63.00	1	1	135.00	142.00	0	1	373.00	390.00	0	1
8.40	9.00	2	2	24.90	27.00	2	0	60.80	65.00	4	0	138.00	145.00	1	0	383.00	400.00	0	1
8.65	9.00	0	1	24.95	27.00	1	0	62.50	67.00	1	0	140.00	147/148	0	2	390.00	410.00	0	1
9.30	10.00	3	1	25.90	28.00	2	2	63.50	68.00	1	0	142.00	150.00	1	0	400.00	420.00	0	1
9.65	10.00	1	0	26.90	29.00	3	1	65.50	70.00	2	2	146.00	155.00	1	0	410.00	430.00	0	1
10.20	11.00	2	1	27.90	30.00	5	1	67.50	72.00	1	1	151.00	160.00	1	0	420.00	440.00	0	1
10.85	12.00	1	0	28.60	31.00	1	0	70.50	75.00	3	1	155.50	165.00	0	1	430.00	450.00	0	1
11.00	12.00	3	2	29.00	30.00	0	1	72.50	77.00	1	0	160.50	170.00	1	0	440.00	460.00	0	1
11.21	12.00	1	0	29.60	32.00	2	1	73.50	78.00	1	1	165.50	175.00	1	0	450.00	470.00	0	1
11.60	12.00	0	2	30.50	33.00	1	1	74.50	80.00	2	2	170.50	180.00	1	0	460.00	480.00	0	1
11.90	13.00	2	1	31.50	34.00	2	1	76.50	82.00	1	1	175.50	185.00	0	1	470.00	490.00	0	1
12.90	14.00	3	1	32.20	35.00	5	0	79.50	85.00	1	3	180.50	190.00	1	0	480.00	500.00	0	1
13.50	14.00	0	1	33.20	36.00	3	1	81.50	87.00	1	0	190.50	200.00	1	0	495.00	520.00	0	1
13.80	15.00	4	1	34.20	37.00	1	0	82.50	88.00	1	0	198.00	210.00	0	1	515.00	540.00	0	1
14.50	15.00	0	1	35.20	38.00	2	3	84.50	90.00	3	1	203.00	215.00	1	0	535.00	560.00	0	1
14.70	16.00	4	2	36.00	39.00	2	0	86.50	92.00	0	1	208.00	220.00	1	0	555.00	580.00	0	1
15.70	17.00	3	2	36.50	40.00	4	1	89.50	95.00	1	1	213.00	225.00	1	0	575.00	600.00	0	1

HOUSING RING DIAMETER SIZE CHART (in)



Free Diameter	Housing Diameter	Available for Stock	Special Order	Free Diameter	Housing Diameter	Available for Stock	Special Order	Free Diameter	Housing Diameter	Available for Stock	Special Order	Free Diameter	Housing Diameter	Available for Stock	Special Order	Free Diameter	Housing Diameter	Available for Stock	Special Order
0.280	0.250	4	0	1.136	1.023	6	1	2.012	1.813	6	1	3.325	3.000	7	6	5.080	4.625	4	9
0.346	0.313	4	0	1.150	1.063	9	1	2.025	1.875	7	1	3.408	3.156	5	2	5.210	4.750	4	3
0.350	0.313	10	0	1.180	1.063	6	1	2.054	1.850	7	1	3.418	3.063	5	2	5.213	4.750	4	2
0.415	0.375	4	0	1.217	1.125	8	1	2.072	1.875	7	1	3.420	3.063	5	1	5.485	5.000	4	3
0.480	0.438	5	0	1.249	1.125	7	0	2.141	1.938	7	8	3.488	3.125	4	2	5.490	5.000	4	4
0.482	0.438	7	1	1.283	1.188	6	3	2.160	2.000	7	1	3.490	3.125	4	3	5.770	5.250	3	12
0.498	0.453	4	0	1.319	1.188	8	1	2.210	2.000	10	5	3.509	3.250	1	2	5.910	5.375	4	9
0.548	0.500	7	1	1.351	1.250	8	1	2.224	2.063	5	2	3.520	3.156	7	0	6.070	5.500	2	11
0.550	0.500	5	0	1.388	1.250	12	5	2.280	2.063	13	1	3.523	3.156	4	3	6.340	5.750	4	10
0.560	0.512	5	0	1.390	1.250	8	2	2.295	2.125	7	0	3.611	3.344	2	5	6.620	6.000	3	10
0.620	0.563	5	0	1.418	1.313	7	1	2.350	2.125	8	5	3.620	3.250	11	2	6.900	6.250	3	10
0.675	0.625	4	0	1.456	1.313	8	7	2.415	2.188	10	4	3.730	3.344	10	3	7.170	6.500	2	11
0.690	0.625	5	0	1.460	1.313	6	1	2.490	2.250	9	5	3.780	3.500	6	1	7.310	6.625	2	11
0.694	0.625	7	1	1.486	1.375	8	1	2.560	2.313	4	9	3.850	3.563	6	1	7.450	6.750	1	12
0.760	0.688	4	0	1.526	1.375	8	0	2.567	2.375	7	0	3.857	3.469	0	7	7.720	7.000	2	12
0.763	0.688	8	0	1.552	1.438	8	1	2.630	2.375	7	8	3.860	3.469	3	3	8.000	7.250	2	11
0.808	0.750	8	1	1.596	1.438	6	1	2.634	2.438	7	0	3.890	3.500	9	4	8.270	7.500	2	11
0.831	0.750	10	0	1.616	1.456	4	1	2.700	2.500	5	2	3.936	3.563	3	3	8.550	7.750	2	9
0.859	0.777	5	3	1.622	1.500	8	1	2.702	2.438	10	3	3.940	3.563	7	0	8.820	8.000	1	12
0.860	0.777	6	1	1.660	1.500	8	0	2.775	2.500	12	4	4.020	3.625	8	6	9.100	8.250	1	12
0.877	0.813	9	1	1.688	1.563	7	1	2.840	2.625	5	2	4.157	3.750	11	2	9.285	8.500	2	5
0.901	0.813	8	0	1.730	1.563	6	2	2.844	2.563	8	6	4.290	3.875	7	6	9.560	8.750	1	12
0.944	0.875	8	2	1.734	1.563	3	9	2.910	2.625	8	5	4.350	4.000	6	1	9.830	9.000	2	11
0.960	0.859	6	1	1.756	1.625	7	1	2.975	2.750	6	1	4.360	3.938	8	5	10.100	9.250	0	13
0.961	0.866	7	1	1.804	1.625	6	1	2.980	2.688	12	2	4.420	4.000	6	2	10.375	9.500	1	6
0.971	0.875	6	1	1.823	1.688	7	1	3.050	2.750	8	6	4.424	4.000	3	3	10.380	9.500	0	6
1.000	0.906	6	1	1.835	1.653	5	1	3.063	2.813	4	3	4.560	4.125	5	8	10.648	9.750	1	6
1.015	0.938	7	1	1.874	1.688	5	1	3.105	2.875	3	0	4.690	4.250	9	4	10.650	9.750	0	6
1.041	0.938	6	1	1.891	1.750	8	1	3.121	2.813	7	6	4.756	4.250	9	4	10.920	10.000	1	12
1.081	1.000	8	1	1.940	1.750	6	1	3.191	2.875	7	6	4.760	4.331	6	1				
1.111	1.000	8	0	1.942	1.750	4	6	3.245	3.000	6	1	4.940	4.500	7	7				

HOUSING RING DIAMETER SIZE CHART (mm)



Free Diameter	Housing Diameter	Available for Stock	Special Order	Free Diameter	Housing Diameter	Available for Stock	Special Order	Free Diameter	Housing Diameter	Available for Stock	Special Order	Free Diameter	Housing Diameter	Available for Stock	Special Order	Free Diameter	Housing Diameter	Available for Stock	Special Order
8.70	8.00	2	1	32.10	30.00	8	1	66.20	62.00	7	1	137.00	130.00	1	1	285.00	270.00	1	0
8.80	8.00	0	3	33.40	31.00	3	0	67.20	63.00	2	0	142.00	135.00	0	1	290.00	275.00	1	0
9.80	9.00	2	1	34.40	32.00	8	1	68.20	64.00	1	0	145.00	137/138	0	2	295.00	280.00	1	0
10.80	10.00	4	0	35.50	33.00	3	1	69.20	65.00	5	2	147.00	140.00	1	2	295.00	285.00	0	1
11.80	11.00	3	0	36.50	34.00	4	1	71.50	67.00	0	1	149.00	142.00	0	1	295.00	290.00	1	0
13.00	12.00	4	0	37.80	35.00	7	0	72.50	68.00	4	3	152.00	145.00	1	0	295.00	300.00	1	0
13.10	12.00	1	0	38.80	36.00	6	2	74.50	70.00	2	1	155.00	147/148	0	2	295.00	305.00	0	1
13.30	12.00	1	0	39.80	37.00	4	0	76.50	72.00	5	3	158.00	150.00	1	1	295.00	310.00	1	0
14.10	13.00	2	1	40.80	38.00	6	1	79.50	75.00	5	0	161.00	152.00	1	0	295.00	320.00	1	0
15.10	14.00	3	0	41.05	37.00	1	0	79.60	72.00	1	0	164.00	155.00	1	0	295.00	330.00	1	0
16.20	15.00	3	1	42.00	39.00	2	0	82.50	78.00	1	1	169.00	160.00	1	1	295.00	340.00	0	1
17.30	16.00	5	1	43.50	40.00	6	3	85.50	80.00	6	3	174.50	165.00	2	0	295.00	350.00	0	1
18.30	17.00	6	1	44.50	41.00	2	0	86.50	81.00	1	0	179.50	170.00	1	1	295.00	360.00	0	1
18.90	17.00	1	0	45.50	42.00	4	1	87.50	82.00	2	0	184.50	175.00	0	1	295.00	370.00	0	1
19.50	18.00	6	0	46.50	43.00	1	1	90.50	85.00	6	2	189.50	180.00	1	1	295.00	380.00	0	1
20.05	18.00	1	0	47.50	44.00	2	1	93.50	88.00	0	2	194.50	185.00	0	1	295.00	390.00	0	1
20.50	19.00	6	1	48.50	45.00	6	1	95.50	90.00	3	5	199.50	190.00	1	1	471.00	400.00	0	1
21.50	20.00	6	0	49.50	46.00	2	0	97.50	92.00	0	1	204.50	195.00	0	1	430.00	410.00	0	1
22.25	20.00	1	0	49.95	45.00	1	0	100.50	95.00	2	4	209.50	200.00	1	0	440.00	420.00	0	1
22.50	21.00	4	1	49.99	47.00	0	1	103.50	98.00	0	3	217.00	205.00	1	0	450.00	430.00	0	1
23.50	22.00	4	2	50.50	47.00	7	2	105.50	100.00	4	3	222.00	210.00	1	0	460.00	440.00	1	0
24.60	23.00	2	2	51.50	48.00	3	2	108.00	102.00	2	0	227.00	215.00	1	0	470.00	450.00	0	1
25.45	23.00	0	1	54.20	50.00	5	1	112.00	105.00	1	2	232.00	220.00	1	0	480.00	460.00	0	1
25.90	24.00	5	2	55.20	51.00	2	0	115.00	108.00	1	2	237.00	225.00	1	0	490.00	470.00	0	1
26.55	24.00	1	0	56.20	52.00	7	1	117.00	110.00	3	1	242.00	230.00	1	0	500.00	480.00	1	0
26.90	25.00	7	0	57.20	53.00	1	0	119.00	112.00	1	1	247.00	235.00	1	0	510.00	490.00	0	1
27.75	25.00	1	0	58.20	54.00	1	0	122.00	115.00	1	2	252.00	240.00	1	0	520.00	500.00	1	0
27.90	26.00	6	1	59.20	55.00	3	3	125.00	117/118	1	1	257.00	245.00	0	1	545.00	520.00	0	1
28.50	26.00	0	1	60.20	56.00	1	1	127.00	120.00	1	2	262.00	250.00	1	0	565.00	540.00	0	1
29.10	27.00	4	2	61.20	57.00	1	1	129.00	122.00	1	0	270.00	255.00	1	0	585.00	560.00	0	1
30.10	28.00	8	2	62.20	58.00	3	2	132.00	125.00	1	2	275.00	260.00	1	0	605.00	580.00	0	1
31.10	29.00	3	1	64.20	60.00	4	1	135.00	127/128	0	2	280.00	265.00	0	1	625.00	600.00	0	1

INCH DECIMALS TO NEAREST ESTIMATED INCH FRACTION CONVERSION CHART



1/64 - 63/64ths

0.015625 = 1/64	0.15625 = 5/32	0.296875 = 19/64	0.437500 = 7/16	0.578125 = 37/64	0.718750 = 23/32	0.859375 = 55/64
0.031250 = 1/32	0.17188 = 11/64	0.312500 = 5/16	0.453125 = 29/64	0.593750 = 19/32	0.734375 = 47/64	0.875000 = 7/8
0.046875 = 3/64	0.18750 = 3/16	0.328125 = 21/64	0.468750 = 15/32	0.609375 = 39/64	0.750000 = 3/4	0.890625 = 57/64
0.062500 = 1/16	0.20313 = 13/64	0.343750 = 11/32	0.484375 = 31/64	0.625000 = 5/8	0.765625 = 49/64	0.906250 = 29/32
0.078125 = 5/64	0.21875 = 7/32	0.359375 = 23/64	.500000 = 1/2	0.640625 = 41/64	0.781250 = 25/32	0.921875 = 59/64
0.093750 = 7/64	0.23438 = 15/64	0.375000 = 3/8	0.515625 = 33/64	0.656250 = 21/32	0.796875 = 51/64	0.937500 = 15/16
0.109375 = 7/64	0.25000 = 1/4	0.390625 = 25/64	0.531250 = 17/32	0.671875 = 43/64	0.812500 = 13/16	0.953125 = 61/64
0.125000 = 1/8	0.26563 = 17/64	0.406250 = 13/32	0.546875 = 35/64	0.687500 = 11/16	0.828125 = 53/64	0.968750 = 31/32
0.140625 = 6/64	0.28125 = 9/32	0.421875 = 27/64	0.562500 = 9/16	0.703125 = 45/64	0.843750 = 27/32	0.984375 = 63/64

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MILLIMETERS TO NEAREST INCH FRACTION CONVERSION CHART $\frac{1}{64}$ th in. - $9\frac{15}{16}$ th in.

Millimeters to Inch Fractions (to 64ths)													
0.40	1/64	3.97	5/32	7.54	19/64	11.11	7/16	14.68	37/64	18.26	23/32	21.83	55/64
0.79	1/32	4.37	11/64	7.94	5/16	11.51	29/64	15.08	19/32	18.65	47/64	22.23	7/8
1.19	3/64	4.76	3/16	8.33	21/64	11.91	15/32	15.49	39/64	19.05	3/4	22.62	57/64
1.59	1/16	5.16	13/64	8.73	11/32	12.30	31/64	15.88	5/8	19.45	49/64	23.02	29/32
1.98	5/64	5.56	7/32	9.13	23/64	12.70	1/2	16.27	41/64	19.84	25/32	23.42	59/64
2.38	3/32	5.95	15/64	9.53	3/8	13.10	33/64	16.67	21/32	20.24	51/64	23.81	15/16
2.78	7/64	6.35	1/4	9.92	25/64	13.49	17/32	17.10	43/64	20.64	13/16	24.21	61/64
3.18	1/8	6.75	17/64	10.32	13/32	13.89	35/64	17.46	11/16	21.03	53/64	24.61	31/32
3.57	9/64	7.14	9/32	10.72	27/64	14.29	9/16	17.86	45/64	21.43	27/32	25.00	63/64

Millimeters to Inch Fractions (to 16ths)																	
25.40	1	50.80	2	76.20	3	101.60	4	127.00	5	152.40	6	177.80	7	203.20	8	228.60	9
26.99	1 1/16	52.39	2 1/16	77.79	3 1/16	103.19	4 1/16	128.59	5 1/16	153.99	6 1/16	179.39	7 1/16	204.79	8 1/16	230.19	9 1/16
28.58	1 1/8	53.98	2 1/8	79.38	3 1/8	104.78	4 1/8	130.18	5 1/8	155.58	6 1/8	180.98	7 1/8	206.38	8 1/8	231.78	9 1/8
30.16	1 3/16	55.56	2 3/16	80.96	3 3/16	106.36	4 3/16	131.76	5 3/16	157.16	6 3/16	182.56	7 3/16	207.96	8 3/16	233.36	9 3/16
31.75	1 1/4	57.15	2 1/4	82.55	3 1/4	107.95	4 1/4	133.35	5 1/4	158.75	6 1/4	184.15	7 1/4	209.55	8 1/4	234.95	9 1/4
33.34	1 5/16	58.74	12 5/16	84.14	3 5/16	109.54	4 5/16	134.94	5 5/16	160.34	6 5/16	185.74	7 5/16	211.14	8 5/16	236.54	9 5/16
34.93	1 3/8	60.33	2 3/8	85.73	3 3/8	111.13	4 3/8	136.53	5 3/8	161.93	6 3/8	187.33	7 3/8	212.73	8 3/8	238.13	9 3/8
36.51	1 7/16	61.91	2 7/16	87.31	3 7/16	112.71	4 7/16	138.11	5 7/16	163.51	6 7/16	188.91	7 7/16	214.31	8 7/16	239.71	9 7/16
38.10	1 1/2	63.50	2 1/2	88.90	3 1/2	114.30	4 1/2	139.70	5 1/2	165.10	6 1/2	190.50	7 1/2	215.90	8 1/2	241.30	9 1/2
39.69	1 9/16	65.88	2 9/16	90.49	3 9/16	115.89	4 9/16	141.29	5 9/16	166.69	6 9/16	192.09	7 9/16	217.49	8 9/16	242.89	9 9/16
41.28	1 5/8	66.68	2 5/8	92.08	3 5/8	117.48	4 5/8	142.88	5 5/8	168.28	6 5/8	193.68	7 5/8	219.08	8 5/8	244.48	9 5/8
42.86	1 11/16	68.26	2 11/16	93.66	3 11/16	119.06	4 11/16	144.46	5 11/16	169.86	6 11/16	195.26	7 11/16	220.66	8 11/16	246.06	9 11/16
44.45	1 3/4	69.85	2 3/4	95.25	3 3/4	120.65	4 3/4	146.05	5 3/4	171.45	6 3/4	196.85	7 3/4	222.25	8 3/4	247.65	9 3/4
46.04	1 13/16	71.44	2 13/16	96.84	3 13/16	122.24	4 13/16	147.64	5 13/16	173.04	6 13/16	198.44	7 13/16	223.84	8 13/16	249.24	9 13/16
47.63	1 7/8	73.03	2 7/8	98.43	3 7/8	123.83	4 7/8	149.23	5 7/8	174.63	6 7/8	200.03	7 7/8	225.43	8 7/8	250.83	9 7/8
49.21	1 15/16	74.61	2 15/16	100.01	3 15/16	125.41	4 15/16	150.81	5 15/16	176.21	6 15/16	201.61	7 15/16	227.01	8 15/16	252.41	9 15/16

MILLIMETERS TO NEAREST INCH FRACTION CONVERSION CHART 10 in. - 23 ³/₄ in.

Millimeters to Inch Fractions (to 8ths)											
254.00	10	279.40	11	304.80	12	330.20	13	355.60	14	381.00	15
257.18	10 ¹ / ₈	282.58	11 ¹ / ₈	307.98	12 ¹ / ₈	333.38	13 ¹ / ₈	358.78	14 ¹ / ₈	384.18	15 ¹ / ₈
260.35	10 ¹ / ₄	285.75	11 ¹ / ₄	311.15	12 ¹ / ₄	336.55	13 ¹ / ₄	361.95	14 ¹ / ₄	387.35	15 ¹ / ₄
263.53	10 ³ / ₈	288.93	11 ³ / ₈	314.33	12 ³ / ₈	339.73	13 ³ / ₈	365.13	14 ³ / ₈	390.53	15 ³ / ₈
266.70	10 ¹ / ₂	292.10	11 ¹ / ₂	317.50	12 ¹ / ₂	342.90	13 ¹ / ₂	368.30	14 ¹ / ₂	393.70	15 ¹ / ₂
269.88	10 ⁵ / ₈	295.28	11 ⁵ / ₈	320.68	12 ⁵ / ₈	346.08	13 ⁵ / ₈	371.48	14 ⁵ / ₈	396.88	15 ⁵ / ₈
273.05	10 ³ / ₄	289.45	11 ³ / ₄	323.85	12 ³ / ₄	349.25	13 ³ / ₄	374.65	14 ³ / ₄	400.05	15 ³ / ₄
276.23	10 ⁷ / ₈	301.63	11 ⁷ / ₈	327.03	12 ⁷ / ₈	352.43	13 ⁷ / ₈	377.83	14 ⁷ / ₈	403.23	15 ⁷ / ₈

Millimeters to Inch Fractions (to 4ths)							
406.40	16	457.20	18	508.00	20	558.80	22
412.75	16 ¹ / ₄	463.55	18 ¹ / ₄	514.35	20 ¹ / ₄	565.15	22 ¹ / ₄
419.10	16 ¹ / ₂	469.90	18 ¹ / ₂	520.70	20 ¹ / ₂	571.50	22 ¹ / ₂
425.45	16 ³ / ₄	476.25	18 ³ / ₄	527.05	20 ³ / ₄	577.85	22 ³ / ₄
431.80	17	482.60	19	533.40	21	584.20	23
438.15	17 ¹ / ₄	488.95	19 ¹ / ₄	539.75	21 ¹ / ₄	590.55	23 ¹ / ₄
444.50	17 ¹ / ₂	495.30	19 ¹ / ₂	546.10	21 ¹ / ₂	596.90	23 ¹ / ₂
450.85	17 ³ / ₄	501.65	19 ³ / ₄	552.45	21 ³ / ₄	603.25	23 ³ / ₄