

CONVERSION CHART

Ten millimeters = one centimeter.

To convert inches to centimeters, multiply inches in decimals by 2.54.

To convert centimeters to inches, multiply centimeters by .3937.

To convert millimeters to inches, multiply millimeters by .03937.

The standard French, or Charriere, Scale (abbreviated Fr.) is generally used in the size calibration of catheters and other tubular instruments.

It is based on the metric system, with each unit being approximately 0.33 mm in diameter between consecutive sizes.

CM	INCHES	CM	INCHES	OZ.	GRAMS	OZ.	GRAMS
1	= .39	8	= 3.15	1	= 28.4	6	= 170.1
2	= .79	9	= 3.54	2	= 56.7	7	= 198.5
3	= 1.18	10	= 3.93	3	= 85.5	8	= 226.8
4	= 1.58	20	= 7.87	4	= 113.4	9	= 255.2
5	= 1.97	30	= 11.81	5	= 141.8	10	= 283.5
6	= 2.36	40	= 15.75				
7	= 2.76						

LIQUID CONVERSIONS

When you know	fluid oz.	quarts	gallons	ml	liters
Multiply by	29.57	0.95	3.79	0.03	1.06
To find	ml	liters	liters	fl. oz	quarts gallons

COMPARATIVE SCALES OR GAUGES

Used in Measuring the Diameters of Catheters, Sounds and Bougies

Diameters in Millimeters	American	French	English	Diameters in Millimeters	American	French	English
1-3	-	1	-	7	14	21	-
1-2	1	-	-	7 1-3	-	22	12
2-3	-	2	-	7 1-2	15	-	-
1	2	3	-	7 2-3	-	23	13
1 1-3	-	4	-	8	16	24	-
1 1-2	3	-	-	8 1-3	-	25	14
1 2-3	-	5	-	8 1-2	17	-	-
2	4	6	-	8 2-3	-	26	15
2 1-3	-	7	1	9	18	27	16
2 1-2	5	-	-	9 1-3	-	28	17
2 2-3	-	8	2	9 1-2	19	-	-
3	6	9	3	9 2-3	-	29	-
3 1-3	-	10	-	10	20	30	18
3 1-2	7	-	-	10 1-3	-	31	19
3 2-3	-	11	4	10 1-2	21	-	-
4	8	12	5	10 2-3	-	32	20
4 1-3	-	13	-	11	22	33	21
4 1-2	9	-	-	11 1-3	-	34	22
4 2-3	-	14	-	11 1-2	23	-	-
5	10	15	6	11 2-3	-	35	23
5 1-3	-	16	7	12	24	36	24
5 1-2	11	-	-	12 1-3	-	37	25
5 2-3	-	17	8	12 1-2	25	-	-
6	12	18	9	12 2-3	-	38	26
6 1-3	-	19	10	13	26	39	27
6 1-2	13	-	-	13 1-3	-	40	28
6 2-3	-	20	11				

INCHES MM

1/16	= 1.588
1/8	= 3.175
3/16	= 4.763
1/4	= 6.35
5/16	= 7.938
3/8	= 9.525
7/16	= 11.113
1/2	= 12.7
9/16	= 14.288
5/8	= 15.875
11/16	= 17.463
3/4	= 19.05
13/16	= 20.638
7/8	= 22.225
15/16	= 23.813
1	= 25.4

INCHES CM

1	= 2.5
1 1/4	= 3.2
1 1/2	= 3.8
1 3/4	= 4.4
2	= 5
2 1/4	= 5.7
2 1/2	= 6.4
2 3/4	= 7
3	= 7.6
3 1/4	= 8.3
3 1/2	= 8.9
3 3/4	= 9.5
4	= 10.2
4 1/4	= 10.8
4 1/2	= 11.4
4 3/4	= 12
5	= 12.7
5 1/4	= 13.3
5 1/2	= 14
5 3/4	= 14.6
6	= 15.2
6 1/4	= 15.9
6 1/2	= 16.5
6 3/4	= 17.1
7	= 17.8
7 1/4	= 18.4
7 1/2	= 19.1
7 3/4	= 19.7
8	= 20.3
8 1/4	= 21
8 1/2	= 21.6
8 3/4	= 22.2
9	= 22.9
9 1/4	= 23.5
9 1/2	= 24.1
9 3/4	= 24.8
10	= 25.4
10 1/4	= 26
10 1/2	= 26.7
10 3/4	= 27.3
11	= 27.9
11 1/4	= 28.6
11 1/2	= 29.2
11 3/4	= 29.8
12	= 30.5

