

Size and Weight of Round Cut Diamonds

For reference only - All diamonds should be weighed or measured for accuracy.

Diamond Diameter	Carat Weight	Carat Fraction Weight	Diamond Diameter	Carat Weight	Carat Fraction Weight
1.0 mm	0.005 ct	1/200 ct	5.2 mm	0.50 ct	1/2 ct
1.3 mm	0.01 ct	1/100 ct		0.5625 ct	9/16 ct
1.5 mm	0.015 ct	1/64 ct (0.015625 ct)		0.625 ct	5/8 ct
1.7 mm	0.02 ct	1/50 ct	5.6 mm	0.65 ct	
1.8 mm	0.025 ct			0.6875 ct	11/16 ct
2.0 mm	0.03 ct	1/32 ct (0.03125 ct)	5.9 mm	0.75 ct	3/4 ct
2.2 mm	0.04 ct	1/25 ct		0.8125 ct	13/16 ct
2.4 mm	0.05 ct	1/20 ct	6.2 mm	0.85 ct	
2.5 mm	0.06 ct	1/16 ct (0.0625 ct)		0.875 ct	7/8 ct
2.7 mm	0.07 ct			0.9375 ct	15/16 ct
2.8 mm	0.08 ct		6.5 mm	1.00 ct	
3.0 mm	0.10 ct	1/10 ct	7.0 mm	1.25 ct	1-1/4 ct
3.2 mm	0.12 ct	1/8 ct (0.125 ct)	7.4 mm	1.50 ct	1-1/2 ct
3.4 mm	0.15 ct		7.8 mm	1.75 ct	1-3/4 ct
	0.1875 ct	3/16 ct	8.2 mm	2.00 ct	
3.8 mm	0.20 ct		8.6 mm	2.25 ct	2-1/4 ct
4.1 mm	0.25 ct	1/4 ct	9.0 mm	2.50 ct	2-1/2 ct
	0.3125 ct	5/16 ct	9.3 mm	3.00 ct	
4.4 mm	0.33 ct	1/3 ct	10.2 mm	4.00 ct	
	0.375 ct	3/8 ct	11.0 mm	5.00 ct	
4.8 mm	0.40 ct		11.17 mm	6.00 ct	
	0.4375 ct	7/16 ct	12.4 mm	7.00 ct	