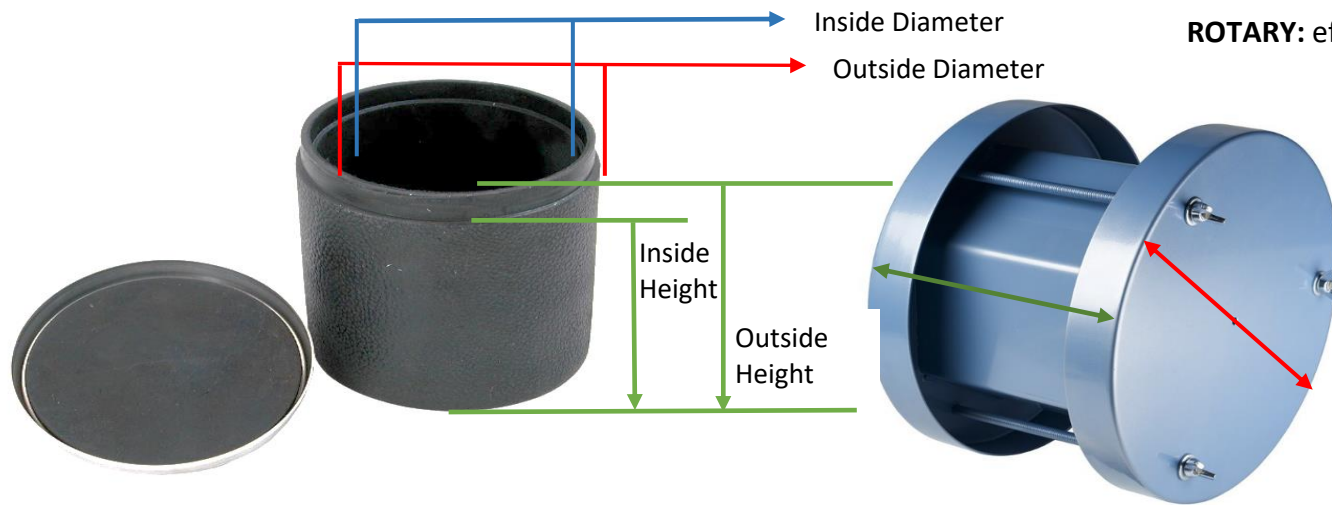


## GUIDE TO TUMBLER BARREL/BOWL DIMENSIONS AND LOAD RECOMMENDATIONS - ROTARY

ROTARY	DIAMETER (cm)		HEIGHT (cm)		Weight (kg)	Total Vol (Litres)	Effective Volume	Rated Wgt L	Safe Load Wgt (kg)	Note
	Outside	Inside	Outside	Inside						
Lortone 1.5 lb	11.5	10.0	8.5	7.0	0.37	0.5	0.35	0.7	0.31	Smooth round barrel
Lortone 3 lb	11.5	10.0	12.0	10.5	0.51	0.8	0.6	1.4	0.85	5 small ridges in barrel
Lortone 4 lb	16.5	14.0	11.0	9.0	0.87	1.5	1.1	1.85	0.95	10 sided barrel
Lortone 6 lb	19.5	17.0	11.5	9.0	1.4	2.0	1.5	2.75	1.33	10 sided barrel
Lortone 12 lb	19.5	17.0	21.0	19.0	2.3	4.3	3.25	5.45	3.15	10 sided barrel
Thumler 15 lb	23.5	16.5	23.0	19.5	3.25	4.5	3.35	6.8	3.55	Hexagon barrel
Lortone 20 lb	32.0	19.0	21.5	20.0	7.25	6.3	4.75	9.1	~ 9	Hexagon barrel
Lortone 40 lb	32.0	22.5	32.0	30.0	10.53	13.2	9.85	18.2	~ 15	Hexagon barrel



**ROTARY:** effective volume about 75% of total volume

Density (kg/L)	Tumbling Media Type
4.7	Stainless Shot (mixed)
3.8	Stainless Pins 1x10mm
0.44	Hardwood Cubes
0.68	Crushed Nut Shell
1.0	Plastic Cones 6mm
1.57	Plastic Pyramids
0.56	Plastic Pellets
1.57	Ceramic Balls 4mm
1.46	Ceramic Triangles 6mm
1.38	Ceramic Cylinders
1.56	Porcelain Balls/Triangles
1.52	Ceramic Fast Cut ACT

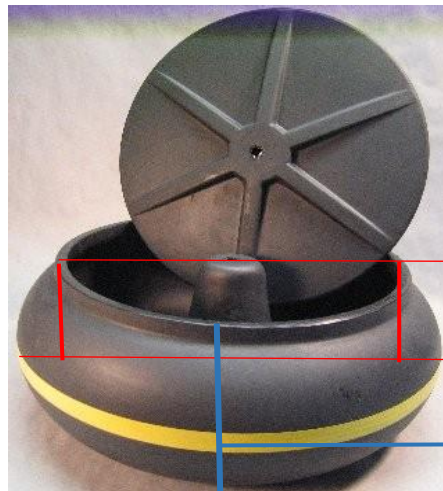
Note - inside diameter of hexagonal barrels is measured from flat side to flat side.

© This information is provided courtesy of Aussie Sapphire to assist our customers.

Bulk density values are approximate and may vary between batches.

## GUIDE TO TUMBLER BARREL/BOWL DIMENSIONS AND LOAD RECOMMENDATIONS - VIBRATORY

VIBRATORY		DIAMETER (cm)	HEIGHT (cm)	Weight (kg)	Total Vol (Litres)	Effective Volume	Rated Wgt L	Safe Load Wgt (kg)	Note
Thumler MB	4 lb	13 cm to 21 cm	9 cm	0.55	1.8	1.5	4.55	3.6	Minimum of 2kg shot required.
Thumler UV10	10 lb	19 cm to 25 cm	10 cm	1.0	3.0	2.55	4.55	3.6	Rounded bowl
Thumler UV18	18 lb	20 cm to 29 cm	11 cm	1.25	5.5	4.1	8.18	6.8	Rounded bowl
Thumler UV45	45 lb	32 cm to 42 cm	16 cm	4.5	15.0	12.75	20.45	16.00	Rounded bowl
Gyroc B	3 lb	15 cm	6.5 cm	0.18	0.95	0.8	1.35	1.2	Straight sided bowl
Gyroc A	10 lb	25 cm	10.5 cm	0.55	3.25	2.75	4.55	4.0	Straight sided bowl
Gyroc C	40 lb	35 cm	13 cm				18.5		
MiniSonic MT4	4 lb	8 cm square	14 cm	0.75	1.25	~0.65	1.8	1.1	MiniSonic MT4 Heavy duty hopper
Raytech TV5	5 lb	18 cm	8.5 cm	0.35	1.6	1.2	2.5		Steel shot is too heavy for the TV5



**VIBRATORY:** effective volume 75 to 85% of total volume.

Note: the Thumler Mini Bowl runs on the UV10 base so has a higher weight rating and capacity.



**NB:** Not all vibratory tumblers are suited to wet tumbling or with very heavy media. *Check First.*

Density (kg/L)	Tumbling Media Type
4.7	Stainless Shot (mixed)
3.8	Stainless Pins 1x10mm
0.44	Hardwood Cubes
0.68	Crushed Nut Shell
1.0	Plastic Cones 6mm
1.57	Plastic Pyramids
0.56	Plastic Pellets
1.57	Ceramic Balls 4mm
1.46	Ceramic Triangles 6mm
1.38	Ceramic Cylinders
1.56	Porcelain Balls/Triangles
1.52	Ceramic Fast Cut ACT

© This information is provided courtesy of Aussie Sapphire to assist our customers.  
Bulk density values are approximate and may vary between batches.