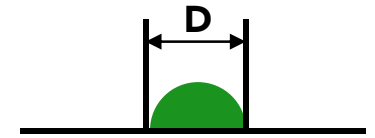


DOT REFERENCE STANDARDS

Dot Volume
(½ the volume of a sphere)



$$\text{Volume} = \frac{2}{3} \pi \left(\frac{D}{2}\right)^3$$

Size (dot)	Diameter		Volume		
	(in)	(mm)	(cc)	(microliter)	
.	0.018	0.457	0.000025	0.025
.	0.026	0.659	0.000075	0.075
.	0.029	0.726	0.0001	0.10
•	0.049	1.240	0.0005	0.5
•	0.056	1.420	0.00075	0.75
•	0.061	1.560	0.001	1.0
•	0.105	2.670	0.005	5.0	• • • • •
•	0.133	3.370	0.010	10	• • • • •
•	0.190	4.826	0.029	29.4	• • • • •
•	0.240	6.096	0.059	59.3	• • • • •
•	0.500	12.700	0.536	536	• • • • •