Unit Symbols and Volume Fomula

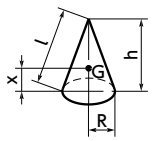
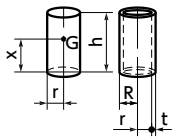
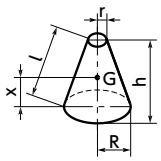
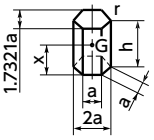
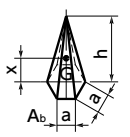
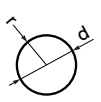
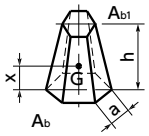
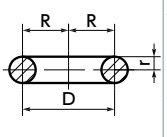
● Greek characters

Name	Oblique		Italic		Normal use
	Upper case	Lower case	Upper case	Lower case	
Alpha	Α	α	*Α*	*α*	Angle and coefficient
Beta	Β	β	*Β*	*β*	Angle and coefficient
Gamma	Γ	γ	*Γ*	*γ*	Angle, specific weight and (upper case) gamma coefficient
Delta	Δ	δ	*Δ*	*δ*	Minimal change, density and displacement
Epsilon	Ε	ε	*Ε*	*ε*	Minimal numbers and strain coefficient
Zeta	Ζ	ζ	*Ζ*	*ζ*	Variable
Eta	Η	η	*Η*	*η*	Variable
Theta	Θ	θ	*Θ*	*θ*	Angle, temperature and time
Iota	Ι	ι	*Ι*	*ι*	
Kappa	Κ	κ	*Κ*	*κ*	Radius of rotation
Lambda	Λ	λ	*Λ*	*λ*	Wave length and specific value
Mu	Μ	μ	*Μ*	*μ*	Friction coefficient and 10^{-6} (micro)
Nu	Ν	ν	*Ν*	*ν*	Vibration frequency
Xi	Ξ	ξ	*Ξ*	*ξ*	Variable
Omicron	Ο	ο	*Ο*	*ο*	
Pi	Π	π	*Π*	*π*	Circle ratio (3.14159.....), angle and (upper case) product symbol
Rho	Ρ	ρ	*Ρ*	*ρ*	Radius and density
Sigma	Σ	σ	*Σ*	*σ*	Stress, standard deviation and (upper case) number sum
Tau	Τ	τ	*Τ*	*τ*	Time constant, time and torque
Upsilon	Υ	υ	*Υ*	*υ*	
Phi	Φ	φ	*Φ*	*φ*	Angle and function
Chi	Χ	χ	*Χ*	*χ*	
Psi	Ψ	ψ	*Ψ*	*ψ*	Angle and function
Omega	Ω	ω	*Ω*	*ω*	Angular rate = 2πf and (upper case) ohm unit symbol

Lower case except for those specially indicated as "upper case."

Cubic volume and various values

V = Volume
S = Surface area
As = Area of side
Ab = Area of base
x = Distance from bottom area to gravity center

Dimension	Volume and various values	Dimension	Volume and various values	
	$V=\frac{\pi R^2 h}{3}$ $As=\pi Rl$ $l=\sqrt{R^2+h^2}$ $x=\frac{h}{4}$		$V=\pi r^2 h=Ash$ $S=2\pi r\ (r+h)$ $As=2\pi rh$ $x=\frac{h}{2}$	$V=\pi h\ (R^2-r^2)$ $=\pi ht\ (2R-t)$ $=\pi ht\ (2r+t)$ $x=\frac{h}{2}$
	$V=\frac{\pi h}{3}(R^2+Rr+r^2)=\frac{h}{4}[\pi a^2\frac{1}{3}\pi b^2]$ $l=8r=4d$ $As=\pi la,\ a=R+r$ $b=R-r,\ l=\sqrt{b^2+h^2}$ $x=\frac{h}{4}\frac{R^2+2Rr+3r^2}{R^2+Rr+r^2}$		$V=2.598a^2h$ $S=5.1962a^2$ $As=6ah$ $x=\frac{h}{2}$ $d=\sqrt{h^2+4a^2}$	
	$V=\frac{Abh}{3}$ $Ab=\frac{3\sqrt{3}}{2}a^2=2.598a^2$ (six-sided pyramid) $x=\frac{h}{4}$		$V=\frac{4\pi r^3}{3}=4.188790205r^3$ $=\frac{\pi d^3}{6}=0.523598776d^3$ $S=4\pi r^2=\pi d^2$ $r=\sqrt[3]{\frac{3V}{4\pi}}=0.620351\sqrt[3]{V}$	
	$V=\frac{h}{3}(Ab+Ab1+\sqrt{AbAb1})$ $Ab=\frac{3\sqrt{3}}{2}a^2=2.598a^2$ (six-sided pyramid) $x=\frac{h}{4}\frac{Ab+2\sqrt{AbAb1}+3Ab1}{Ab+\sqrt{AbAb1}+Ab}$		$V=2\pi^2Rr^2=19.739Rr^2$ $=\frac{1}{4}\pi^2Dd^2=2.4674Dd^2$ $S=4\pi^2Rr^2=39.478Rr$ $=\pi^2Dd=9.8696Dd$	