

List of Common Abbreviations

Some abbreviations in the following list appear with periods for those who prefer to retain periods (even though the trend is to eliminate them).

A = ampere	bm = board measure	d = day, pence, deci (<i>prefix</i> , one-tenth)
Å = angstrom	b.o. = buyer's option	da = deka (<i>prefix</i> , 10)
a = are, atto (<i>prefix</i> , one-quintillionth)	bp = boiling point	dag = dekagram
AA = Alcoholics Anonymous	B.S. or B. Sc. = bachelor of science	daL = dekaliter
aA = attoampere	Btu = British thermal unit	dam = dekameter
A.B. or B.A. = bachelor of arts	bu = bushel	dam ² = square dekameter
abbr. = abbreviation	C = coulomb	dam ³ = cubic dekameter
abs. = abstract, absolute	c, ¢, ct = cent(s)	dB = decibel
(<i>temperature and gravity</i>)	c = centi (<i>prefix</i> , one-hundredth), cycle	dBu = decibel unit
ac = alternating current	c. and s.c. = caps and small caps	d.b.a. = doing business as
acct. = account	°C = degree Celsius	dc = direct current
A.D. = (<i>anno Domini</i>), in the year of our Lord	ca. = (<i>circa</i>), about, centiare	D.D. = doctor of divinity
ADP = automated data processing	CAA = Civil Aeronautics Authority	D.D.S. = doctor of dental surgery
AF = audiofrequency	cal = calorie	dg = decigram
Ah = ampere-hour	c.b.d. = cash before delivery	dL = deciliter
a.k.a. = also known as	c.c. = carbon copy	D.Lit(t). or Lit(t) D. = doctor of literature
AM = amplitude modulation	cd = candela	dm = decimeter
A.M. = (<i>anno mundi</i>), in the year of the world	cd/in ² = candela per square inch	dm ² = square decimeter
A.M. or M.A. = master of arts	cd/m ² = candela per square meter	dm ³ = cubic decimeter
a.m. = (<i>ante meridiem</i>), before noon	cf = confer, compare, or see	do. = (ditto), the same
A/m = ampere per meter	cg = centigram	dol = dollar
approx. = approximately	c-h = candela-hour	doz = dozen
asb = apostilb	Ci = curie	DP (<i>no periods</i>) = displaced person
At = ampere-turn	cL = centiliter	dr. = debit, debtor, dram
at, atm = atmosphere	cm = centimeter	Dr. = doctor, drive
au = astronomical units	c/m = cycles per minute	D.V.M. = doctor of veterinary medicine
avdp = avoirdupois	cm ² = square centimeter	dwt = deadweight tons, pennyweight
Ave. = avenue	cm ³ = cubic centimeter	dyn = dyne
a.w.l. = absent with leave	cmil = circular mil	
a.w.o.l. = absent without official leave	Co. = company	E. = East
	c.o.d. or COD = cash on delivery	e.g. = (<i>exempli gratia</i>), for example
B = bel	COLA = cost of living adjustment	EHF = extremely high frequency
b = bit, barn	con. = continued	emcee = master of ceremony
bbL = barrel	Conus = continental United States Corp. = corporation	emf = electromotive force
bbL/d = barrel per day	cp = candlepower	emu = electromagnetic unit
B.C. = before Christ	c.p. = chemically pure	e.o.m. = end of month
Bd = baud	cP = centipoise	esu = electrostatic unit
bf = boldface	CPA = certified public accountant	et al. = (<i>et alii</i>), and others
Bhn = Brinell hardness number	cr. = credit, creditor	et seq. = (<i>et sequentia</i>), and the following
bhp = brake horsepower	cSt = centistokes	etc. = (<i>et cetera</i>), and others
Bldg. = building	Ct. = court	eV = electronvolt
Blvd. = boulevard	cwt = hundredweight	

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°F = degrees Fahrenheit	h = hour, hecto (<i>prefix, 100</i>)	L = lambert, liter (<i>also l</i>)
F = farad	H = henry	l = length
f = femto (<i>prefix, one- quadrillionth</i>)	ha = hectare	laser = Light Amplification by Simulated Emission of Radiation
f., ff. = and following page / pages	HF (<i>no periods</i>) = high frequency	lat. = latitude
f° = folio	hg = hectogram	lb = pound
fbm = board foot; board foot measure	hL = hectoliter	lb ap = apothecary pound
fc = footcandle	hm = hectometer	lb avdp = avoirdupois pound
fL = foot lambert	hm ² = square hectometer	lbf = pound-force
FM = frequency modulation	hm ³ = cubic hectometer	lbf/ft = pound-force foot
fm = femtometer	hp = horsepower	lbf/ft ² = pound-force per square foot
f.o.b. = freight on board	hph = horsepower-hour	lbf/ft ³ = pound-force per cubic foot
ft = foot	Hz = hertz (cycles per second)	lbf/in ² = pound-force per square inch
ft ² = square foot	ibid. = (<i>ibidem</i>), in the same place	lb/ft = pound per foot
ft ³ = cubic foot	Id. = (<i>idem</i>), the same	lb/ft ² = pound per square foot
ftH ₂ O = conventional foot of water	i.e. = (<i>id est</i>), that is	lb/ft ³ = pound per cubic foot
ft-lb = foot-pound	IF (<i>no periods</i>) = intermediate frequency	L.C. = Library of Congress
ft-lbf = foot-pound force	IQ = intelligence quotient	lc = lower case
ft/min = foot per minute	J = joule	l.c.d. = lowest common denominator
ft ² /min = square foot per minute	J.D. = (<i>jurum doctor</i>), doctor of laws	l.c.m. = least common multiple
ft ³ /min = cubic foot per minute	J/K = joule per kelvin	lct = long calcined ton
ft-pdl = foot poundal	K = Kayser, Kelvin (<i>degree symbol improper</i>)	ldt = long dry ton
ft/s = foot per second	k = kilo, (<i>prefix, 1000</i>), thousand (7k = 7,000)	lf = lightface
ft ² /s = square foot per second	kc = kilocycle	LF = low frequency
ft ³ /s = cubic foot per second	kcal = kilocalory	lg. = large
ft/s ² = foot per second squared	KeV = kiloelectronvolt	lin = lineal, linear
ft/s ³ = foot per second cubed	kG = kilogauss	lin ft = linear foot
4° = quarto	kg = kilogram	liq. = liquid
G = Gauss, giga (<i>prefix, one billion</i>)	kgf = kilogram-force	lit. = literal, literally
g = gram	kHz = kilohertz (kilocycles per second)	l/m = lines per minute
Gal = gal cm/s ²	kL = kiloliter	lm = lumen
gal = gallon	klbf = kilopound-force	lm/ft ² = lumen per square foot
gal/min = gallons per minute	km = kilometer	lm/m ² = lumen per square meter
gal/s = gallons per second	km ² = square kilometer	lm-s = lumen second
Gb = gilbert	km ³ = cubic kilometer	lm/W = lumen per watt
GCA = ground control approach	km/h = kilometer per hour	loc. cit. = (<i>loco citato</i>), in the place cited
g/cm ³ = grams per cubic centimeter	kn = knot (<i>speed</i>)	long. = longitude
GeV = giga electronvolts	kΩ = kilohm	l/s = lines per second
GHz = gigahertz (gigacycle per second)	kt = kiloton, karat	L/s = liter per second
GI = general issue, government issue	kV = kilovolt	lt. = light
gi = gill	kVa = kilovoltampere	l.t. = local time
GNP = gross national product	kvar = kiolvar	ltd = limited
Gov = governor	kW = kilowatt	Lt. Gov. = lieutenant governor
gr = grain, gross	kWh = kilowatthour	lub. = lubricant, lubrication
gr. wt. = gross weight		lx = lux

M = mega (*prefix*, 1 million), million (5M = 5 million)
 M., MM. = monsieur, messieurs
 m. = (*meridies*), noon, meter, milli (*prefix*, one-thousandth)
 m² = square meter
 m³ = cubic meter
 μ = micro (*prefix*, one-millionth)
 mA = milliampere
 μA = microampere
 mag. = magnetism, magnitude
 mar. = maritime, married
 mbar = millibar
 μbar = microbar
 Mc = megacycle
 mc = millicycle
 M.D. = doctor of medicine
 memo = memorandum
 meq = milliequivalent
 meV = megaelectronvolts
 MF = medium frequency
 mF = millifarad
 μF = microfarad
 mfg. = manufacture, manufactured, manufacturing
 mG = milligauss
 mg = milligram
 μg = microgram
 Mgal/d = million gallons per day
 mgr. = manager
 mH = millihenry
 μH = microhenry
 MHz = megahertz
 mHz = millihertz
 mi = mile
 mi² = square mile
 MIA = missing in action
 mi/gal = mile(s) per gallon
 mi/h = mile(s) per hour
 min = minute (*time*)
 μin = microinch
 misc. = miscellaneous
 Mlle. = mademoiselle
 mL = milliliter
 mm = millimeter
 mm² = square millimeter
 mm³ = cubic millimeter
 μm = micrometer
 μm² = square micrometer
 μm³ = cubic micrometer
 Mme. = madam

mmf = magnetomotive force
 MΩ = megohm
 mo. = month
 mol wt = molecular weight
 mp = melting point
 mph = miles per hour
 mpg = miles per gallon
 Mr./Mrs. = mister; mistress
 Ms. = coined feminine title
 ms = millisecond
 m/s = meter per second
 m/s² = meter per second squared
 μs = microsecond
 M.S. = master of science
 MS., MSS. = manuscript, manuscripts
 Msgr. = Monsignor
 m.s.l. = mean sea level
 m.t. = metric ton
 mtge. = mortgage
 MV = megavolt
 mV = millivolt
 μV = microvolt
 MW = megawatt
 mW = milliwatt
 μW = microwatt
 MWd/t = megawatt-days per ton
 Mx = maxwell

 N = north, newton
 n = nano
 NA = not available, not applicable
 nA = nanoampere
 nat. = national, native, natural
 naut. = nautical
 n.b. = (*nota bene*), note well
 NE = northeast
 n.e.c. = not elsewhere classified
 neg. = negative
 n.e.s. = not elsewhere specified
 net wt. = net weight
 nF = nanofarad
 nm = nanometer
 n-m = newton meter
 N/m² = newton per square meter
 nmi = nautical mile
 No., Nos. = number, numbers
 n.o.i.b.n. = not otherwise indexed by name
 n.o.p. = not otherwise provided (for)

n.o.s. = not otherwise specified
 N.P. = notary public
 Np = neper
 n.p.t. = normal pressure and temperature
 ns = nanosecond
 N-s/m² = newton second per square meter
 n.s. = not specified
 n.s.k. = not specified by kind
 n.s.p.f. = not specifically provided for
 nt = nit
 num. = number, numeral
 NW = northwest
 n.wt. = net weight

 O. = ocean
 od = outside diameter
 Oe = oersted
 OK, OK'd, OK'ing, OK's
 op. cit. = (*opere citato*), in the work cited
 org. = organic
 orig. = original, originally
 oz = ounce (*avoirdupois*)
 oz t = troy ounce

 P = pressure
 p = page, pico (*prefix*, one-trillionth)
 PA = public address system
 P/A = power of attorney
 Pa = pascal
 pA = picoampere
 PAC = political action committee
 pam. = pamphlet
 par. = paragraph
 pat. = patent
 pct = percent
 pd = paid
 p.d. = per diem
 pdl = poundal
 perf. = perforated
 pert. = pertaining
 pF = picofarad, water-holding energy
 pH = hydrogen-ion concentration
 ph = phot, phase
 Ph.B. or B.Ph. = bachelor of philosophy

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PH.D. or D.Ph. = doctor of philosophy	S = south, Siemens, Senate bill (with number)	u = (unified) atomic mass unit
PIN = personal identification number	s = second (time), shilling	uc = uppercase
pk = peck	S&L('s) = savings and loan(s)	UFO = unidentified flying object
pkg. = package	sb = stilb, substantive	UHF = ultrahigh frequency
pkt. = packet	sc., ss. = (scilicet), namely	USA = United States of America, U.S. Army
Pl. = place	s.c. = small caps	U.S. 40, U.S. No. 40 = U.S. highway No. 40
p.m. = (post meridiem), afternoon	scp = spherical candlepower	
p/m = parts per million	s.d. = (sine die), without date	V = volt
pneum. =pneumatic	SE = southeast	v. or vs. = (versus), against
P.O. Box = post office box	2d, 3d = second, third	VA = voltampere
pos. = positive	ser. = serial, series	VAT = value added tax
POW = prisoner of war	s-ft = second-foot	VCR = video cassette recorder
Prof. = professor	SHF = superhigh frequency	vd = vapor density
pro tem = (pro tempore), temporarily	shp = shaft horsepower	VHF = very high frequency
P.S. = (post scriptum), postscript; public school (with number)	sm. = small	VIP = very important person
ps = picosecond	s.n. = (sine nomine), without name	viz = (videlicet), namely
pt = part, pint	SOP = standard operating procedure	VLF = very low frequency
pW = picowatt	SOS = wireless distress signal	V/m = volt per meter
	sp. = spelling, special	VTOL = vertical takeoff and landing
QT = on the quiet	sp. gr. = specific gravity	VTR = videotape recording
qt = quart	sp. ht. = specific heat	
quad = quadrillion (10 ¹⁵)	Sq. = Square (street)	W = west, watt
	sq. = squadron, square	w = width, week
R = rankine, roentgen	Sr. = senior	Wb = weber
°R = degree rankine, degree reamur	sr = steradian	wf = wrong font
rad = radian	SS = steamship	w.g. = wire gauge
rad/s = radian per second	sSf = standard saybolt fural	Wh = watthour
rad/s ² = radian per second squared	sSu = standard saybolt universal	whsle. = wholesale
RAM = random access memory	St. = street	wk. = week, work
R&D = research and development	St., Ste., SS. = Saint, Sainte, Saints	W/(m-K) = watt per meter kelvin
Rd. = road	stdft ³ = standard cubic foot (feet)	wmk. = watermark
rd = rod	STP = standard temperature and pressure	w.o.p. = without pay
rem = roentgen equivalent (in) man	Supt. = superintendent	W/sr = watt per steradian
Rev. = Reverend	Surg. = surgeon	W/(sr-m ²) = watt per steradian square meter
RF = radio frequency	Sus = saybolt universal second(s)	wt. = weight
RIF = reduction(s) in force (RIF'd, RIF'ing, RIF's)	SW = southwest	
r/min = revolutions per minute	T = tera (prefix, 1 trillion), Tesla, township	x = unknown quantity
rms = root mean square	Tft ³ = trillion cubic feet	yd = yard
R.N. = registered nurse	t = tonne (metric ton)	yd ² = square yard
ROM = read only memory	tbsp = tablespoonful	yd ³ = cubic yard
RR = railroad	Ter. = terrace	yr = year
r/s = revolutions per second	thm = therm	
Ry. = railway	t.m. = true mean	z = zone, zero
	tsp = teaspoonful	ZIP Code = Zone Improvement Plan Code (Postal Service)
	TV = television	ZIP + 4 = 9-digit ZIP Code
	Twad = twaddell	
