

Unità di massa

Nome	Simbolo	Definizione	Relazione con le unità SI
chilogrammo (Unità fondamentale SI)		$\equiv \text{kg}$	$= 1000 \text{g}$
massa a riposo dell'elettrone	m_e		$\approx 9,109\,381\,88 \times 10^{-31} \pm 72 \times 10^{-39} \text{ kg}$
unità di massa atomica	amu		$\approx 1,660\,538\,73 \times 10^{-27} \pm 13 \times 10^{-35} \text{ kg}$
dalton	Da		$\approx 1,660\,902\,10 \times 10^{-27} \pm 13 \times 10^{-35} \text{ kg}$
gamma	γ		$\equiv 1 \mu\text{g}$
punto		$\equiv 1/100 \text{ kt (metric)}$	$= 2 \text{ mg}$
mite		$\equiv 1/20 \text{ gr}$	$= 3,239\,945\,5 \text{ mg}$
mite (sist. metrico)		$\equiv 1/20 \text{ g}$	$= 50 \text{ mg}$
grano	gr		$\equiv 64,798\,91 \text{ mg}$
crith			$\approx 89,9349 \text{ mg}$
carato (metrico)	kt		$\equiv 200 \text{ mg}$
carato	kt	$\equiv (3 + 1/6) \text{ gr}$	$\approx 205,196\,548\,333 \text{ mg}$
sheet		$\equiv 1/700 \text{ lb av}$	$= 647,9891 \text{ mg}$
scruple (avoirdupois)	s av	$\equiv 20 \text{ gr}$	$= 1,295\,978\,2 \text{ g}$
pennyweight	dwt; pwt	$\equiv 1/20 \text{ oz t}$	$= 1,555\,173\,84 \text{ g}$
dram (avoirdupois)	dr av	$\equiv 27\,11/32 \text{ gr}$	$= 1,771\,845\,195\,312\,5 \text{ g}$
dram (apothecary; troy)	dr t	$\equiv 60 \text{ gr}$	$= 3,887\,934\,6 \text{ g}$
hyl (CGS unit)		$\equiv 1 \text{ gee} \times 1 \text{ g} \times 1 \text{ s}^2/\text{m}$	$= 9,806\,65 \text{ g}$
oncia (avoirdupois)	oz av	$\equiv 1/16 \text{ lb}$	$= 28,349\,523\,125 \text{ g}$

assay ton (short)	AT	$\equiv 1 \text{ mg} \times 1 \text{ sh tn} \div 1 \text{ oz t}$	$\approx 29,166\,667 \text{ g}$
uncia troy	oz t	$\equiv 1/12 \text{ lb t}$	$= 31,103\,476\,8 \text{ g}$
assay ton (long)	AT	$\equiv 1 \text{ mg} \times 1 \text{ long tn} \div 1 \text{ oz t}$	$\approx 32,666\,667 \text{ g}$
mark		$\equiv 8 \text{ oz t}$	$= 248,827\,814\,4 \text{ g}$
libbra (troy)	lb t	$\equiv 5760 \text{ grains}$	$= 0,373\,241\,721\,6 \text{ kg}$
libbra (avoirdupois)	lb av	$\equiv 7000 \text{ grains}$	$= 0,453\,592\,37 \text{ kg}$
libbra (metrica)			$\equiv 500 \text{ g}$
clove		$\equiv 8 \text{ lb av}$	$= 3,628\,738\,96 \text{ kg}$
stone	st	$\equiv 14 \text{ lb av}$	$= 6,350\,293\,18 \text{ kg}$
hyl (MKS unit)		$\equiv 1 \text{ gee} \times 1 \text{ kg} \times 1 \text{ s}^2/\text{m}$	$= 9,806\,65 \text{ kg}$
quarto (Imperial)		$\equiv 1/4 \text{ long cwt} = 2 \text{ st} = 28 \text{ lb av}$	$= 12,700\,586\,36 \text{ kg}$
slug; geepound	slug	$\equiv 1 \text{ gee} \times 1 \text{ lb av} \times 1 \text{ s}^2/\text{ft}$	$\approx 14,593\,903 \text{ kg}$
bag (cemento di Portland)		$\equiv 94 \text{ lb av}$	$= 42.637\,682\,78 \text{ kg}$
short hundredweight; cental	sh cwt	$\equiv 100 \text{ lb av}$	$= 45,359\,237 \text{ kg}$
long hundredweight	long cwt or cwt	$\equiv 112 \text{ lb av}$	$= 50,802\,345\,44 \text{ kg}$
bag (coffee}		$\equiv 60 \text{ kg}$	$= 60 \text{ kg}$
quintale	q		$\equiv 100 \text{ kg}$
wey		$\equiv 252 \text{ lb} = 18 \text{ st}$	$= 114,305\,277\,24 \text{ kg}$ (variants exist)
long quarter		$\equiv 1/4 \text{ long tn}$	$= 254,011\,727\,2 \text{ kg}$
kip	kip	$\equiv 1000 \text{ lb av}$	$= 453.592\,37 \text{ kg}$
short ton	sh tn	$\equiv 2000 \text{ lb}$	$= 907,184\,74 \text{ kg}$

tonnellata (unità mts)	t		≅ 1000 kg
long ton	long tn or ton	≅ 2240 lb	= 1016,046 908 8 kg
barge		≅ 22 ½ sh tn	= 20411,656 65 kg
rotl (Arabia)	rotl, rotel, rottlet, ratel		≅ 0,448 kg