



Mass (Weight)

Compilation of technical data.
 PAI does not assume any responsibility.

When You Know	Symbol	Multiply By	To Find	When You Know	Symbol	Multiply By	To Find
MASS (WEIGHT)							
Carat	kt	200.00*	mg	Grain	gr	0.002 286 7 0.002 083 3 0.064 8 0.323 99	oz (avdp)
Milligram	mg	0.005* 0.001* 0.015 432	kt g gr				oz (troy) g kt
Centigram	cg	0.01* 0.154 324 0.05*	g gr kt	Ounce Avoirdupois	oz (avdp)	437.5* 0.911 46 0.062 5* 0.076 28.35	gr oz (troy) lb (avdp) lb (troy) g
Decigram	dg	0.1* 1.543 24 0.5*	g gr kt	US			
Gram	g	0.001* 10.0* 100.0* 1 000.0* 5.0* 15.432 4 0.032 151 0.035 274	kg dg cg mg kt gr oz (troy) oz (avdp)	Ounce Troy	oz (troy)	480.0* 1.097 1 0.068 571 0.083 333 31.103	gr oz (avdp) lb (avdp) lb (troy) g
				British			
Dekagram	dag	10.0*	g	Pound Avoirdupois	lb (avdp)	7 000.0* 16.0* 14.583 1.215 3 0.453 6 453.592 37*	gr oz (avdp) oz (troy) lb (troy) kg g
Hectogram	hg	100.0*	g	Pound Troy	lb (troy)	5 760.0* 13.166 12.0* 0.822 86 0.373 241 373.241 721 6*	gr oz (avdp) oz (troy) lb (avdp) kg g
Kilogram	kg	1 000.0* 0.001* 15 432.4 35.274 32.151 2.204 6 2.679 2	g t gr oz (avdp) oz (troy) lb (avdp) lb (troy)	Hundred Weight	cwt	100.0* 0.05* 0.044 643 45.359	lb (avdp) t (short) t (long) kg
Metric Ton	t	1 000.0* 0.984 21 1.102 31 2 204.6 2 679.2	kg t (long) t (short) lb (avdp) lb (troy)	Short Ton (US)	t (short)	2 000.0* 2 430.56 0.892 9 0.907 2 907.184 74*	lb (avdp) lb (troy) t (long) t kg
* An asterisk indicates the figure is exact. oz (troy) = 8 drams (troy) = 20 penny weights = 24 scruples oz (avdp) = 16 drams (avdp)				Long Ton (British)	t (long)	2 240.0* 22.4* 1.120* 1.016 05 1 016.05	lb (avdp) cwt t (short) t kg

NOTE: For long and short ton the symbol tn is sometimes used.