

Umrechnungstabellen

Conversion Tables

Job-No.

00—3

Längenmaße

Linear Measure

Millimeter in Zoll Millimeters to inches	1 mm = 0.0394 in.
Zentimeter in Zoll Centimeters to inches	1 cm = 0.394 in.
Meter in Fuß Meters to feet	1 m = 3.281 ft.
Meter in Yard Meters to yards	1 m = 1.094 yds.
Kilometer in Meilen Kilometers to statute miles	1 km = 0.621 stat. mile

Flächenmaße

Square Measure

Quadratmillimeter in Quadratzoll Square millimeters to square inches	1 mm ² = 0.0015 sq. in.
Quadratzentimeter in Quadratzoll Square centimeters to square inches	1 cm ² = 0.155 sq. in.

Raumaße

Cubic Measure

Kubikzentimeter in Kubikzoll Cubic centimeters to cubic inches	1 cm ³ = 0.0610 cu. in.
Kubikdezimeter in Kubikzoll Cubic decimeters to cubic inches	1 dm ³ = 61.023 cu. ins.

1 dm³ = 1 l (Liter)

Hohlmaße

Liquid Measure

Liter in Pint — Liters to pints	1 l = 2.113 US pints 1 l = 1.759 Imperial pints
Liter in Quart — Liters to quarts	1 l = 1.057 US quarts 1 l = 0.88 Imperial quart
Liter in Gallonen — Liters to gallons	1 l = 0.2642 US gal. 1 l = 0.22 Imperial gal.

Gewichtsmaße Weight

Gramm in Unzen Grams to ounces (av.)	1 g = 0.0353 oz.
Kilogramm in Pfund Kilograms to pounds	1 kg = 2.205 lbs.

Druckmaße Pressure

Kilogramm pro Quadratcentimeter in Pfund pro Quadratzoll Kilograms per square centimeter to pounds per square inch	1 kg/cm ² (at) = 14.22 lbs./sq. in. (psi)
Millimeter Quecksilbersäule in Zoll Quecksilbersäule Millimeters Hg to inches Hg	1 mm QS (Hg) = 0.0394 in. Hg.

0 mm QS (Hg) = 29.92 ins. Hg
760 mm QS (Hg) = 0 in. Hg

Temperaturmaße Temperature

Grad Celsius in Grad Fahrenheit Degrees centigrade to degrees Fahrenheit	$^{\circ}\text{C} \cdot \frac{9}{5} + 32 = ^{\circ}\text{F}$
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Drehmomentmaße Torque

Meterkilogramm in Fußpfund Kilogram-meter to foot-pounds	1 mkg = 7.233 ft. lbs.
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Geschwindigkeitsmaße Speed

Kilometer pro Stunde in Meilen pro Stunde Kilometers per hour to miles per hour	1 km/h = 0.621 miles/h (mph)
Meter pro Sekunde in Fuß pro Sekunde Meters per second to feet per second	1 m/s = 3.281 ft./s (fps)

Verbrauch Consumption

Liter pro 100 Kilometer in Meilen pro US-Gallone bzw. Imperial Gallone Liters per 100 kilometers to miles per US gallon or miles per Imperial gallon	$\frac{235}{l/100 \text{ km}} = \text{miles/US gal.}$ $\frac{282}{l/100 \text{ km}} = \text{miles/Imp. gal.}$
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Beispiel: Verbrauch
Example: Consumption

8 l/100 km = ? miles/US gal.

$$\frac{235}{8 \text{ l/100 km}} = 235 : 8 = 29.37 \text{ miles/US gal.}$$

Umrechnungstafel

Conversion Table

Millimeter in Zoll

Millimeters to Inches

Millimeter — Millimeters										
	0,00	0,01	0,02	0,03	0,04	0,05	0,06	0,07	0,08	0,09
mm	Zoll — Inches									
0	0	.000 394	.000 787	.001 181	.001 575	.001 969	.002 362	.002 756	.003 150	.003 543
0,1	.003 937	.004 331	.004 724	.005 118	.005 512	.005 906	.006 296	.006 693	.007 087	.007 480
0,2	.007 874	.008 268	.008 661	.009 055	.009 449	.009 843	.010 236	.010 630	.011 024	.011 417
0,3	.011 811	.012 205	.012 598	.012 992	.013 386	.013 780	.014 173	.014 567	.014 961	.015 354
0,4	.015 748	.016 142	.016 535	.016 929	.017 323	.017 717	.018 110	.018 504	.018 898	.019 291
0,5	.019 685	.020 079	.020 472	.020 866	.021 260	.021 654	.022 047	.022 441	.022 835	.023 228
0,6	.023 622	.024 026	.024 409	.024 803	.025 197	.025 591	.025 984	.026 378	.026 772	.027 165
0,7	.027 559	.027 953	.028 346	.028 740	.029 134	.029 528	.029 921	.030 315	.030 709	.031 102
0,8	.031 496	.031 890	.032 283	.032 677	.033 071	.033 465	.033 858	.034 252	.034 646	.035 039
0,9	.035 433	.035 827	.036 220	.036 614	.037 008	.037 402	.037 795	.038 189	.038 583	.038 976

Millimeter — Millimeters										
	0	1	2	3	4	5	6	7	8	9
mm	Zoll — Inches									
0	0	0.039 370	0.078 740	0.118 110	0.157 480	0.196 850	0.236 220	0.275 591	0.314 961	0.354 331
10	0.393 701	0.433 071	0.472 441	0.511 811	0.551 181	0.590 551	0.629 921	0.669 291	0.708 661	0.748 031
20	0.787 402	0.826 772	0.866 142	0.905 512	0.944 882	0.984 252	1.023 622	1.062 992	1.102 362	1.141 732
30	1.181 102	1.220 472	1.259 843	1.299 213	1.338 583	1.377 953	1.417 323	1.456 693	1.496 063	1.535 433
40	1.574 803	1.614 173	1.653 543	1.692 913	1.732 283	1.771 654	1.811 024	1.850 394	1.889 764	1.929 134
50	1.968 504	2.007 874	2.047 244	2.086 614	2.125 984	2.165 354	2.204 724	2.244 094	2.283 465	2.322 835
60	2.362 205	2.401 575	2.440 945	2.480 315	2.519 685	2.559 055	2.598 425	2.637 795	2.677 165	2.716 535
70	2.755 906	2.795 276	2.834 646	2.874 016	2.913 386	2.952 756	2.992 126	3.031 496	3.070 866	3.110 236
80	3.149 606	3.188 976	3.228 346	3.267 717	3.307 087	3.346 457	3.385 827	3.425 197	3.464 567	3.503 937
90	3.543 307	3.582 677	3.622 047	3.661 417	3.700 787	3.740 157	3.779 528	3.818 898	3.858 268	3.897 638

mm	100	200	300	400	500	600	700	800	900	1000
Zoll-Inches	3.937 008	7.874 016	11.811 024	15.748 031	19.685 039	23.622 047	27.559 055	31.496 063	35.433 071	39.370 079

Beispiel:

Example: 2860,35 mm = ? Zoll — Inches

2000 mm	= 2 x 1000 mm	= 2 x 39.370 079	= 78.740 158	"
800 mm			= 31.496 063	"
60 mm			= 2.362 205	"
0,35 mm			= .013 780	"

2860,35 mm = 112.612 206 "