

UNIT CONVERSIONS

ENGLISH TO METRIC

Length

Length	Torque
1 ft = 304.8 mm	1 LB-ft = .00135 kN-M
1 ft = .3048 m	1 LB-ft = 1.35 N-m
1 ft = .0003048 km	1 LB-ft = 135.3 N-cm
1 in = 25400 μ m	1 LB-ft = 1353.3 N-mm
1 in = 25.4 mm	1 LB-ft = .1384 kgf-m
1 in = .0254 m	1 LB-in = .000113 kN-m
1 in = .0000254 km	1 LB-in = .113 N-m
	1 LB-in = .0115 kgf-m

Weight/Force

Weight/Force	Speed
1 LB = .454 kg	1 ft/sec = .3048 m/sec
1 LB = .454 kgf	1 in/sec = .0254 m/sec
1 LB = 4.44 N	
1 LB = .00444 kN	

METRIC TO ENGLISH

Length

Length	Torque
1 mm = .00328 ft	1 kN-m = 738.2 LB-ft
1 m = 3.281 ft	1 N-M = .738 LB-ft
1 km = 3281 ft	1 N-cm = .0074 LB-ft
1 μ m = .0000393 in	1 N-mm = .00074 LB-ft
1 mm = .03937 in	1 kgf-m = 7.23 LB-ft
1 m = 39.37 in	1 kN-m = 8850.4 LB-in
1 km = 39370 in	1 N-m = 8.86 LB-in
1 kgf-m = 86.8 LB-in	

Weight/Force

Weight/Force	Speed
1 kg = 2.205 LB	1 m/sec = 3.28 ft/sec
1 kgf = 2.205 LB	1 m/sec = 39.37 in/sec
1 N = .225 LB	
1 kN = 224.8 LB	



Mechanical
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Disclaimer: Every effort has been made to ensure the accuracy of presented data and it is thought to be consistent with the product it describes. ALM does not assume liability for errors in content within the publication. ALM reserves the right to modify contents without notice.

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