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Enter Foot-Pounds: Easily convert foot-pounds to newton meters with our free online ft-lbs to Nm calculator tool.Below are steps to convert ft lbs to nm: Multiply by the conversion factor: Take the value in ft-lbs and multiply it by 1.3558179483. ft lbs to nm conversion Formula: Heres the formula to convert ft-lbs to Nm: Nm = ft-lb \* 1.355817948376 ft lbs to nm = 103.04 Nm33 ft lbs to nm = 44.74 Nm30 ft lbs to nm = 40.67 Nm75 ft lbs to nm = 101.69 Nm100 ft lbs to nm = 135.58 Nm80 ft lbs to nm = 108.46 Nm18 ft lbs to nm = 24.40 Nm15 ft lbs to nm = 20.34 Nm35 ft lbs to nm = 47.45 Nm65 ft lbs to nm = 88.13 Nm13 ft lbs to nm = 17.63 Nm22 ft lbs to nm = 29.83 Nm25 ft lbs to nm = 33.90 Nm10 ft lbs to nm = 13.56 Nm20 ft lbs to nm = 27.12 Nm7 ft lbs to nm = 9.49 Nm250 ft lbs to nm = 338.95 Nm16 ft lbs to nm = 21.69 Nm5 ft lbs to nm = 6.78 Nm7.4 ft lbs to nm = 10.03 Nm55 ft lbs to nm = 115.24 Nm110 ft lbs to nm = 149.14 Nm37 ft lbs to nm = 8.00 Nm70 ft lbs to nm = 94.91 Nm17 ft lbs to nm = 23.05 Nm60 ft lbs to nm = 81.35 Nm9 ft lbs to nm = 12.20 Nm21 ft lbs to nm = 28.47 Nm8 ft lbs to nm = 10.85 Nm45 ft lbs to nm = 61.01 Nm27 ft lbs to nm = 36.61 Nm8.7 ft lbs to nm = 11.80 Nm120 ft lbs to nm = 162.70 Nm600 ft lbs to nm = 813.48 Nm140 ft lbs to nm = 189.81 Nm6 ft lbs to nm = 8.13 Nm200 ft lbs to nm = 271.16 Nmft lbs to nm conversion chartExample 1: Convert 33 ft lbs to nmInput: 33Results = 44.74 NmExample 2: Convert 76 ft lbs to nmInput: 76Result = 103.04 NmExample 3: Convert 7.4 ft lbs to nmInput: 7.4Result = 10.03 NmAlso see: Foot-Pounds to Inch-PoundsInch-Pounds to Foot-PoundsFound this tool helpful? Share Mainconverter with your friends!Tweet Enter the torque in foot-pounds below to convert it to newton-meters. To convert a measurement in foot-pounds to a measurement in newton-meters, multiply the torque by the following conversion ratio: 1.355818 newton-meters/foot-pound. Since one foot-pound is equal to 1.355818 newton-meters, you can use this simple formula to convert: newton-meters = foot-pounds 1.355818 The torque in newton-meters is equal to the torque in foot-pounds multiplied by 1.355818. For example, here's how to convert 5 foot-pounds using the formula above. newton-meters = (5 lb-ft 1.355818) = 6.77909 Nm There are 1.355818 newton-meters in a foot-pound, which is why we use this value in the formula above. 1 lb-ft = 1.355818 Nm Foot-pounds and newton-meters are both units used to measure torque. Keep reading to learn more about each unit of measure. One foot-pound is equal to the torque that results from applying one pound-force perpendicularly to a one-foot-long moment arm. One foot-pound is equal to 12 inch-pounds. While the foot-pound is a commonly used term, it is technically not the correct verbiage to express torque. Pound-foot (or pound-feet) is the correct way to express this measurement of torque. The foot-pound, or pound-foot or pound-force foot, is a US customary unit of torque. Foot-pounds can be abbreviated as lb-ft, and are also sometimes abbreviated as lbf-ft or ft-lb. For example, 1 foot-pound can be written as 1 lb-ft, 1 lbf-ft, or 1 ft-lb. Learn more about foot-pounds. One newton-meter is equal to the torque that results from applying a force of one newton perpendicularly to a one-meter-long moment arm. While the expression of the newton-meter (Nm) is algebraically similar to the joule, the newton-meter is a measure of the force required to rotate an object about its axis. The joule, on the other hand, is the energy equal to the force required to move an object a distance of one meter. In practical terms, if you were to apply a force of one newton at the end of a one-meter-long wrench, you would be exerting a torque of one newton-meter. If you apply a force of one newton to push an object over a distance of one meter, you would be exerting the energy of one joule. The newton-meter, or newton-metre, is an SI unit of torque in the metric system. Newton-meters can be abbreviated as Nm; for example, 1 newton-meter can be written as 1 Nm. Learn more about newton-meters. Page 2 Page 3 Page 4 Page 5 Page 6 Page 7 Page 8 Page 9 Page 10 Page 11 Page 12 Page 13 Page 14 Page 15 Page 16 Page 17 Page 18 Page 19 Page 20 Page 21 Page 22 Page 23 Page 24 Page 25 Page 26 Please provide values below to convert foot-pound [ft\*lb] to newton meter [N\*m], or vice versa. Definition: A foot-pound (ftlb or ftlbf) is a unit of work or energy in the imperial and United States customary systems of units. It is defined as the energy transferred when a force of one pound-force is applied over a linear displacement of one foot.History/origin: The foot-pound is an English Engineering unit that is part of the British Gravitational system, based on the foot-pound-second (FPS) system. The FPS system is built using the units of foot for length, avoirdupois pound for mass or force, and the second for time.Current use: The foot-pound is used in countries that have not adopted the International System of Units (SI). The United States is one of the largest countries where the foot-pound is still used in certain applications, though even in the US, the joule is preferred in most scientific contexts.Newton-meterDefinition: The newton-meter (Nm) is sometimes used as a unit of work or energy and in this context is equal to the joule, the SI unit of energy. In this use, it is defined as the energy transferred to an object by a one newton force acting on that object in the direction of its motion over a distance of one meter.History/origin: The use of the newton-meter as a unit of torque rather than as a unit of work or energy. As such, the use of the newton-meter as a unit of torque is discouraged to avoid confusion regarding whether energy or torque is being expressed.Foot-pound [ft\*lb] to newton meter [N\*m]0.01 ft\*lb0.0135581795 N\*m0.1 ft\*lb0.1355817948 N\*m1 ft\*lb1.3558179483 N\*m2 ft\*lb2.7116358966 N\*m3 ft\*lb4.0674538449 N\*m5 ft\*lb6.7790897414 N\*m10 ft\*lb13.5581794829 N\*m20 ft\*lb27.1163589658 N\*m50 ft\*lb67.7908974145 N\*m100 ft\*lb135.581794829 N\*m1000 ft\*lb1355.8179482896 N\*m1 ft\*lb = 1.3558179483 N\*m1 N\*m = 0.7375621493 ft\*lbExample: convert 15 ft\*lb to N\*m:15 ft\*lb = 15 1.3558179483 N\*m = 20.3372692243 N\*m Please provide values below to convert foot-pound [ft\*lb] to newton meter [N\*m], or vice versa. Definition: A foot-pound (ftlb or ftlbf) is a unit of work or energy in the imperial and United States customary systems of units. It is defined as the energy transferred when a force of one pound-force is applied over a linear displacement of one foot.History/origin: The foot-pound is an English Engineering unit that is part of the British Gravitational system, based on the foot-pound-second (FPS) system. The FPS system is built using the units of foot for length, avoirdupois pound for mass or force, and the second for time.Current use: The foot-pound is used in countries that have not adopted the International System of Units (SI). The United States is one of the largest countries where the foot-pound is still used in certain applications, though even in the US, the joule is preferred in most scientific contexts.Newton-meterDefinition: The newton-meter (Nm) is sometimes used as a unit of work or energy and in this context is equal to the joule, the SI unit of energy. In this use, it is defined as the energy transferred to an object by a one newton force acting on that object in the direction of its motion over a distance of one meter.History/origin: The use of the newton-meter as a unit of work or energy is derived from the fact that the joule, the SI (International System of Units) unit of energy, is dimensionally equivalent to the newton-meter. Current use: The newton-meter is more commonly used as a unit of torque rather than as a unit of work or energy. As such, the use of the newton-meter as a unit of torque is discouraged to avoid confusion regarding whether energy or torque is being expressed.Foot-pound [ft\*lb] to newton meter [N\*m]0.01 ft\*lb0.0135581795 N\*m0.1 ft\*lb0.1355817948 N\*m1 ft\*lb1.3558179483 N\*m2 ft\*lb2.7116358966 N\*m3 ft\*lb4.0674538449 N\*m5 ft\*lb6.7790897414 N\*m10 ft\*lb13.5581794829 N\*m20 ft\*lb27.1163589658 N\*m50 ft\*lb67.7908974145 N\*m100 ft\*lb135.581794829 N\*m1000 ft\*lb1355.8179482896 N\*m1 ft\*lb = 1.3558179483 N\*m1 N\*m = 0.7375621493 ft\*lbExample: convert 15 ft\*lb to N\*m:15 ft\*lb = 15 1.3558179483 N\*m = 20.3372692243 N\*m Energy To other units Conversion table For your website 1 Foot pounds = 1.3558Newton meters 10 Foot pounds = 13.5578Newton meters 2500 Foot pounds = 3389.45Newton meters 2 Foot pounds = 2.7116Newton meters 20 Foot pounds = 27.1156Newton meters 5000 Foot pounds = 6778.91Newton meters 3 Foot pounds = 4.0673Newton meters 30 Foot pounds = 40.6734Newton meters 10000 Foot pounds = 13557.81Newton meters 4 Foot pounds = 5.4231Newton meters 40 Foot pounds = 54.2312Newton meters 25000 Foot pounds = 33894.53Newton meters 5 Foot pounds = 6.7789Newton meters 50 Foot pounds = 67.7891Newton meters 50000 Foot pounds = 67789.05Newton meters 6 Foot pounds = 8.1347Newton meters 100 Foot pounds = 135.58Newton meters 100000 Foot pounds = 135578.11Newton meters 7 Foot pounds = 9.4905Newton meters 250 Foot pounds = 338.95Newton meters 250000 Foot pounds = 338945.27Newton meters 8 Foot pounds = 10.8462Newton meters 500 Foot pounds = 677.89Newton meters 500000 Foot pounds = 677890.55Newton meters 9 Foot pounds = 12.202Newton meters 1000 Foot pounds = 1355.78Newton meters 1000000 Foot pounds = 1355781.09Newton meters Embed this unit converter in your page or blog, by copying the following HTML code: Your browser does not support iframes. convertive.convertive How many lb ft in 1 N mThe answer is 0.737562149376955.Note that rounding errors may occur, so always check the results.Use this page to learn how to convert between lb ft and N m.The answer is 0.737562149376955.Note that rounding errors may occur, so always check the results.Use this page to learn how to convert between lb ft and N m.Type in your own numbers in the form to convert the units! 1 lb ft to N m = 1.35582 N-m5 lb ft to N m = 6.77909 N-m10 lb ft to N m = 13.55818 N-m15 lb ft to N m = 20.33727 N-m20 lb ft to N m = 27.11636 N-m25 lb ft to N m = 33.89545 N-m30 lb ft to N m = 40.67454 N-m40 lb ft to N m = 54.23272 N-m50 lb ft to N m = 67.7909 N-m You can do the reverse unit conversion fromN m to lb ft, or enter any two units below: ConvertUnits.com provides an online conversion calculator for all types of measurement units. You can find metric conversion tables for SI units, as well as English units, currency, and other data. Type in unit symbols, abbreviations, or full names for units of length, area, mass, pressure, and other types. Examples include mm, inch, 70 kg, 150 lbs, US fluid ounce, 6'3", 10 stone 4, cubic cm, metres squared, grams, moles, feet per second, and many more! A foot-pound is a measuring unit of energy and denoted as "ft.lb or ft.lbf". It is imperial and US Customary measuring system unit. Unit of Work equal to one pound-force applied to an object through one foot distance in a force direction. One foot-pound is equal to 0.7375621493 foot-pounds.Foot Pounds to Newton Meters (ft-lb to nm):It is a free online foot-pound to newton meters (ft-lb to nm) energy converter. A foot-pound is a measuring unit of energy and denoted as "ft.lb or ft.lbf". It is imperial and US Customary measuring system unit. Unit of Work equal to one pound-force applied to an object through one foot distance in a force direction. One foot-pound is equal to 0.7375621493 foot-pounds. For converting ft lbs to nm we go with an example. Example:Convert 1 ft-lb to nm.We know 1 ft-lb = 1.3558179483 nm; 1 nm = 0.7375621493 ft-lb.1 ft-lb = nm.1 x 1.3558179483 = 1.3558179483 nm.(we know 1 ft-lb = 1.3558179483 nm)Result:1 ft-lb = 1.3558179483 nm.Popular energy converters: How many ft lb in 1 N mThe answer is 0.73756214836955.Note that rounding errors may occur, so always check the results.Use this page to learn how to convert between ft lb and N m.Type in your own numbers in the form to convert the units! 1 ft lb to N m = 1.35582 N-m5 lb ft to N m = 6.77909 N-m10 lb ft to N m = 13.55818 N-m15 lb ft to N m = 20.33727 N-m20 lb ft to N m = 27.11636 N-m25 lb ft to N m = 33.89545 N-m30 lb ft to N m = 40.67454 N-m40 lb ft to N m = 54.23272 N-m50 lb ft to N m = 67.7909 N-m You can do the reverse unit conversion fromN m to lb ft, or enter any two units below: ConvertUnits.com provides an online conversion calculator for all types of measurement units. You can find metric conversion tables for SI units, as well as English units, currency, and other data. Type in unit symbols, abbreviations, or full names for units of length, area, mass, pressure, and other types. Examples include mm, inch, 70 kg, 150 lbs, US fluid ounce, 6'3", 10 stone 4, cubic cm, metres squared, grams, moles, feet per second, and many more! This page will help you to convert newton meters (nm) to foot pounds (lb-ft). If you would like to use quick nm to lb ft conversion click here . If you found any bug on this website contact us immediately. You can find our email id on about us page.1 Nm (Newton Meters) is equal to 0.737562149 LB FT (Foot Pounds)2 Nm (Newton Meters) is equal to 1.475124298 LB FT (Foot Pounds)3 Nm (Newton Meters) is equal to 2.212686447 LB FT (Foot Pounds)4 Nm (Newton Meters) is equal to 2.950248596 LB FT (Foot Pounds)5 Nm (Newton Meters) is equal to 3.687810745 LB FT (Foot Pounds)6 Nm (Newton Meters) is equal to 4.425372894 LB FT (Foot Pounds)7 Nm (Newton Meters) is equal to 5.162935043 LB FT (Foot Pounds)8 Nm (Newton Meters) is equal to 5.900497192 LB FT (Foot Pounds)9 Nm (Newton Meters) is equal to 6.638059341 LB FT (Foot Pounds)10 Nm (Newton Meters) is equal to 7.37562149 LB FT (Foot Pounds)11 Nm (Newton Meters) is equal to 8.113183639 LB FT (Foot Pounds)12 Nm (Newton Meters) is equal to 8.850745788 LB FT (Foot Pounds)13 Nm (Newton Meters) is equal to 9.588307937 LB FT (Foot Pounds)14 Nm (Newton Meters) is equal to 10.325870086 LB FT (Foot Pounds)15 Nm (Newton Meters) is equal to 11.063432235 LB FT 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**Convert 5 ft lbs to nm. 55 5 nm to ft lbs. 5 ft to nm. 50ft/lbs to nm. How much is 5 ft lbs of torque. 5 nm torque to ft lbs. 5 6 ft lbs to nm. 5000 lbs to newtons. 7 5 ft lbs to nm. 5 nm torque to in lbs. 5nm to ft lbs. 25 5 nm to ft lbs weight.**