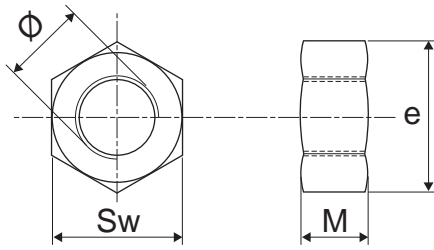


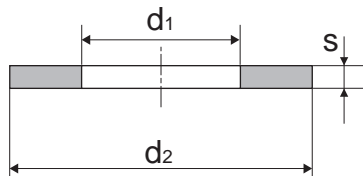
Dimensions: torque wrench sockets / nuts / washers

NUTS dimensions for torque wrench sockets



(mm)	NUTS according to DIN 934			NUTS according to NF EN ISO 4032		
	Sw	e	M	Sw	e	M
M6	10	11,5	5	10	11,05	5,2
M8	13	15,0	6,5	13	14,38	6,8
M10	17	19,6	8	16	17,77	8,4
M12	19	21,9	10	18	20,03	10,8
M16	24	27,7	13	24	26,75	14,8
M20	30	34,6	16	30	32,95	18
M24	36	41,6	19	36	39,55	21,5
M30	46	53,1	24	46	50,85	25,6

Washers: dimensions of the washers used with SPIT Products



(mm)	WASHERS according to NF E 25513			Specials WASHERS (used with SPIT TRIGA Z)		
	d ₂	d ₁	s	d ₂	d ₁	s
M6	14	6,4	1,2	18	6,7	2
M8	18	8,4	1,5	20	8,7	2
M10	22	10,5	2	26	10,5	3
M12	27	13	2,5	30	12,5	3
M16	32	17	3	40	16,7	4
M20	40	21	3	45	20,7	4
M24	50	25	4	-	-	-
M30	60	31	4	-	-	-

Units

Length: 1 mm = 0,1 cm = 0,0394 in (inch)
Force: 1 kN = 100 daN = 1000 N ~ 100 kg
 1 kg = 9,81 N
 1 N = 0,2248 lbf (pound-force)

Concrete compressive strength:
 1 Mpa = 1 N/mm² = 10 kg/cm²
 1 Mpa = 10 bars
 1 N/mm² = 149,2 lbf/in² (pound-force per square inch)

Conversion table

METRIC Units	Symbols	IMPERIAL Unit	Symbols	Factor conversion	
Concrete strength					
newton per square millimetre	N/mm ² (=Mpa)	pound-force per square inch	lbf/in ² (=psi)	1 lbf/in ² = 0,00689 N/mm ²	1 N/mm ² = 145,0 lbf/in ²
Tightening torque					
newton metres	Nm	pound-force foot	lbf/ft	1 lbf ft = 1,356 Nm	1 Nm = 0,738 lbf ft
Mass					
tonne	t	pound	Lb	1 lb = 0,00454 t	1 t = 220,26 lb
tonne	t	ton	Ton	1 ton = 1,016 t	1 t = 0,9842 ton
kilogram	kg	pound	lb	1 lb = 0,4536 kg	1 kg = 2,204 lb
Force					
kilonewton	kN	ton-force	ton f	1 ton f = 0,10036 kN	1 kN = 9,9640 ton f
kilonewton	kN	pound-force	lbf	1 lbf = 0,004448 kN	1 kN = 224,8 lbf
newton	N	pound-force	lbf	1 lbf = 4,448 N	1 N = 0,2248 lbf
Length					
metre	m	foot	ft	1ft = 0,3048 m	1 m = 3,2808 ft
centimetre	cm	inch	in	1 in = 2,54 cm	1 cm = 0,3937 in
millimetre	mm	inch	in	1 in = 25,4 mm	1 mm = 0,03937 in
Area					
square millimetre	mm ²	square inch	in ²	1 in ² = 645,16 mm ²	1 mm ² = 0,0015 in ²
Temperature					
degree celsius	°C	degree Fahrenheit	°F	1°F = (9/5 °C + 32)	1°C = 5/9(°F - 32)
				0 °C = 32 °F	30 °C = 86 °F
				10 °C = 50 °F	40 °C = 104 °F
				20 °C = 68 °F	50 °C = 122 °F