


**Torque Wrenches**

3%		308		
4%		309		
9x12 mm		310		
14x18 mm		311		
3%		312		
14x18 mm		312		
1/4"		1/4"		312
5%			313	
			315	





# Torque Wrenches

Professional Series



Instruction Manual & Certificate Included

**625**

Professional Torque Wrench



N*m	L mm		Accur.	Part N°	€
<b>1~5</b>	200	1/4"	3%	<b>625-01-05</b>	<b>183,92</b>
<b>6~30</b>	260	1/4"	3%	<b>625-06-30</b>	<b>194,27</b>

**626**

Professional Torque Wrench



N*m	L mm		Accur.	Part N°	€
<b>15~80</b>	385	3/8"	3%	<b>626-15-80</b>	<b>208,39</b>
<b>19~110</b>	385	3/8"	3%	<b>626-19-110</b>	<b>226,12</b>

**627**

Professional Torque Wrench



N*m	L mm		Accur.	Part N°	€
<b>40~210</b>	535	1/2"	3%	<b>627-40-210</b>	<b>235,10</b>
<b>70~350</b>	645	1/2"	3%	<b>627-70-350</b>	<b>281,87</b>

**628**

Professional Torque Wrench



N*m	L mm		Accur.	Part N°	€
<b>100~500</b>	865	3/4"	3%	<b>628-100-500</b>	<b>557,14</b>
<b>140~700</b>	1090	3/4"	3%	<b>628-140-700</b>	<b>932,28</b>
<b>140~980</b>	1230	3/4"	3%	<b>628-140-980</b>	<b>1.114,64</b>

**629**

Professional Torque Wrench



N*m	L mm		Accur.	Part N°	€
<b>140~980</b>	1230	1"	3%	<b>629-140-980</b>	<b>1.121,22</b>
<b>300~1500</b>	1740	1"	3%	<b>629-300-1500</b>	<b>2.077,02</b>

**SUGGESTIONS**

Never use a torque wrench to loose bolts or nuts · Stop tightening once you reach the "Click". The wrench can be used CW/CCW direction





Instruction Manual & Certificate Included

**630**

Standard Torque Wrench



N*m	L mm		Accur.	Part N°	€
<b>5~25</b>	280	1/4"	4%	<b>630-05-25</b>	<b>123,88</b>

**631**

Standard Torque Wrench



N*m	L mm		Accur.	Part N°	€
<b>5~25</b>	280	3/8"	4%	<b>631-05-25</b>	<b>161,62</b>
<b>19~110</b>	365	3/8"	4%	<b>631-19-110</b>	<b>179,66</b>

**632**

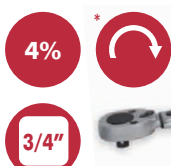
Standard Torque Wrench



N*m	L mm		Accur.	Part N°	€
<b>19~110</b>	365	1/2"	4%	<b>632-19-110</b>	<b>179,66</b>
<b>42~210</b>	470	1/2"	4%	<b>632-42-210</b>	<b>181,83</b>
<b>70~350</b>	635	1/2"	4%	<b>632-70-350</b>	<b>250,85</b>

**633**

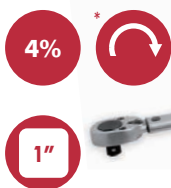
Standard Torque Wrench



N*m	L mm		Accur.	Part N°	€
<b>65~450</b>	850	3/4"	4%	<b>633-65-450</b>	<b>318,70</b>
<b>140~700</b>	1065	3/4"	4%	<b>633-140-700</b>	<b>777,66</b>
<b>140~980</b>	1215	3/4"	4%	<b>633-140-980</b>	<b>929,16</b>

**634**

Standard Torque Wrench



N*m	L mm		Accur.	Part N°	€
<b>140~980</b>	1215	1"	4%	<b>634-140-980</b>	<b>1.019,87</b>

**SUGGESTIONS**

Never use a torque wrench to loose bolts or nuts · Stop tightening once you reach the "Click" . Use the wrench only CW direction





# Torque Wrenches

Interchangeable & Spare Heads



**636**

Interchangeable head Torque Wrench

**3%**



Instruction Manual & Certificate Included

**9x12 mm**



N*m	L mm	mm	Accur.	Part N°	€
<b>6~30</b>	220	9x12	3%	<b>636-06-30</b>	<b>189,19</b>
<b>20~110</b>	416	9x12	3%	<b>636-20-110</b>	<b>201,03</b>

**636**

Open Ended Insert Tool

**CrV**

**9x12 mm**



mm	mm	Part N°	€
<b>7</b>	9 x 12	<b>636-07</b>	<b>28,68</b>
<b>8</b>	9 x 12	<b>636-08</b>	<b>28,68</b>
<b>9</b>	9 x 12	<b>636-09</b>	<b>28,68</b>
<b>10</b>	9 x 12	<b>636-10</b>	<b>28,68</b>
<b>11</b>	9 x 12	<b>636-11</b>	<b>28,68</b>
<b>12</b>	9 x 12	<b>636-12</b>	<b>28,68</b>
<b>13</b>	9 x 12	<b>636-13</b>	<b>28,68</b>
<b>14</b>	9 x 12	<b>636-14</b>	<b>28,68</b>
<b>15</b>	9 x 12	<b>636-15</b>	<b>28,68</b>
<b>16</b>	9 x 12	<b>636-16</b>	<b>28,68</b>
<b>17</b>	9 x 12	<b>636-17</b>	<b>28,68</b>
<b>18</b>	9 x 12	<b>636-18</b>	<b>28,68</b>
<b>19</b>	9 x 12	<b>636-19</b>	<b>28,68</b>

**636**

Ring Torque Insert Tool

**CrV**

**9x12 mm**



mm	mm	Part N°	€
<b>7</b>	9 x 12	<b>636-07X</b>	<b>28,68</b>
<b>8</b>	9 x 12	<b>636-08X</b>	<b>28,68</b>
<b>9</b>	9 x 12	<b>636-09X</b>	<b>28,68</b>
<b>10</b>	9 x 12	<b>636-10X</b>	<b>28,68</b>
<b>11</b>	9 x 12	<b>636-11X</b>	<b>28,68</b>
<b>12</b>	9 x 12	<b>636-12X</b>	<b>28,68</b>
<b>13</b>	9 x 12	<b>636-13X</b>	<b>28,68</b>
<b>14</b>	9 x 12	<b>636-14X</b>	<b>28,68</b>
<b>15</b>	9 x 12	<b>636-15X</b>	<b>28,68</b>
<b>16</b>	9 x 12	<b>636-16X</b>	<b>28,68</b>
<b>17</b>	9 x 12	<b>636-17X</b>	<b>28,68</b>
<b>18</b>	9 x 12	<b>636-18X</b>	<b>28,68</b>
<b>19</b>	9 x 12	<b>636-19X</b>	<b>28,68</b>

**636**

Torque Ratchet Head

**9x12 mm**



mm	mm	Part N°	€
<b>3/8"</b>	9 x 12	<b>636-3/8</b>	<b>34,10</b>
<b>1/2"</b>	9 x 12	<b>636-1/2</b>	<b>40,28</b>

**637**

Interchangeable head Torque Wrench

3%



Instruction Manual & Certificate Included

14x18 mm



N*m	L mm	mm	Accur.	Part N°	€
40~210	460	14x18	3%	637-40-210	240,06
70~350	525	14x18	3%	637-70-350	254,00

**637**

Open Ended Insert Tool

CrV

14x18 mm



mm	mm	Part N°	€
13	14 x 18	637-13	35,76
14	14 x 18	637-14	35,76
15	14 x 18	637-15	35,76
16	14 x 18	637-16	35,76
17	14 x 18	637-17	35,76
18	14 x 18	637-18	35,76
19	14 x 18	637-19	35,76
21	14 x 18	637-21	35,76
22	14 x 18	637-22	35,76
24	14 x 18	637-24	35,76
27	14 x 18	637-27	35,76
30	14 x 18	637-30	35,76
32	14 x 18	637-32	35,76
34	14 x 18	637-34	39,12
36	14 x 18	637-36	39,12
38	14 x 18	637-38	39,12
41	14 x 18	637-41	39,12

**637**

Ring Torque Insert Tool

CrV

14x18 mm



mm	mm	Part N°	€
13	14 x 18	637-13X	35,76
14	14 x 18	637-14X	35,76
15	14 x 18	637-15X	35,76
16	14 x 18	637-16X	35,76
17	14 x 18	637-17X	35,76
18	14 x 18	637-18X	35,76
19	14 x 18	637-19X	35,76
21	14 x 18	637-21X	35,76
22	14 x 18	637-22X	35,76
24	14 x 18	637-24X	35,76
27	14 x 18	637-27X	35,76
30	14 x 18	637-30X	35,76
32	14 x 18	637-32X	35,76
34	14 x 18	637-34X	39,12
36	14 x 18	637-36X	39,12
41	14 x 18	637-41X	39,12

**637**

Torque Ratchet Head

14x18 mm



mm	mm	Part N°	€
3/8"	14 x 18	637-3/8	36,13
1/2"	14 x 18	637-1/2	41,68



# Torque Wrenches

Flexible & Interchangeable



Instruction Manual & Certificate Included

635

Flexible Torque Wrench

3%



N*m	L mm	□	Accur.	Part N°	€
40~210	515	1/2"	3%	635-40-210	343,81

640

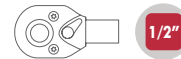
Interchangeable Torque Wrenches Set

11  
Pcs

3%



13 · 14 · 15 · 17 · 19 · 22 · 24 · 27 · 30 mm



N*m	L mm	□	Accur.	Part N°	€
40~210	510	14x18	3%	640-001	560,93

## Torque Screwdrivers

642

Torque Screwdriver Square Drive

1/4"

6%



□	L mm	N*m	Accur.	Part N°	€
1/4"	135	0,4~2	6%	642-0,4-2	163,93

643

Torque Screwdriver Bit Holder

1/4"

6%



□	L mm	N*m	Accur.	Part N°	€
1/4"	135	0,4~2	6%	643-0,4-2	163,93

### 645 Torque Multiplier in Carrying Case

- 5% • Includes Cranked Reaction bar, Straight Reaction bar and Release kit



IN	OUT	Accur.	Ratio	IN (Max) Nm	OUT (Max) Nm	Part N°	€
1/2"	3/4"	5 %	1 : 3	500	1500	645-001	757,45

### 645 Torque Multiplier in Carrying Case

- 5% • Includes Cranked Reaction bar, Straight Reaction bar and Release kit



IN	OUT	Accur.	Ratio	IN (Max) Nm	OUT (Max) Nm	Part N°	€
3/4"	1"	5 %	1 : 3	1000	3000	645-002	830,58

### 645 Torque Multiplier with Anti-overload System in Carrying Case

- 5% • Includes Straight Reaction bar, 90° Reaction bar and 1 Breakaway Input Adaptor



IN	OUT	Accur.	Ratio	IN (Max) Nm	OUT (Max) Nm	Part N°	€
1/2"	3/4"	5 %	1 : 6,5	231	1500	645-004	897,75



# Torque Wrenches

Torque Multiplier in Carrying Sets



645

## Torque Multiplier with Anti-overload System in Carrying Case

5%

- Includes Straight Reaction bar, 90° Reaction bar and 1 Breakaway Input Adaptor



IN	OUT	Accur.	Ratio	IN (Max) Nm	OUT (Max) Nm	Part N°	€
1/2"	1"	5 %	1 : 12	208	2300	645-005	1.040,88

645

## Special Torque Multiplier for Truck Wheel Nuts Case

5%

- Includes 32mm and 33mm sockets, Handle and Extension bar



- The Cranked Reaction bar is Integrated in the Body of the Tool
- This torque multiplier can be use only to loosen bolts or nuts specially from trucks and industrial vehicles



IN	OUT	Accur.	Ratio	OUT (Max) Nm	Part N°	€
1"	1"	5 %	1 : 56	3200	645-003	585,00





646

Professional Torque Angle Gauge with Flexible Arm



• Metal Spring Clamp with metal flexible arm

IN	OUT	Part N°	€
1/2"	1/2"	646-001	78,87

646

Professional Torque Angle Gauge



IN	OUT	Part N°	€
1/2"	1/2"	646-002	35,77



# Torque Wrenches

## Conversion Table



- Important advices:

1. Once you've used the torque wrench, leave it in the lowest **TORQUE (0 N\*M)**. Otherwise work piece may get damaged and the torque wrench out of order. Warranty won't apply in this case.
2. After the first using or being left unused for longer time and it is required to use once again, be sure to use lower torque to operate for 5-10 times so that the components within may be fully lubricated by the special-purpose lubricant oil.

- Operational Instructions of Torque Wrench:

1. Before operating this torque wrench please study carefully these instructions as below.
2. The user is strongly advised to always wear eye protection during operation for safety precaution.
3. Do not apply exceeding limited maximum torque tolerances as indicated.
4. Do not attempt to alter any components inside the product as it will most likely result in loss of original accuracy. The torque wrench is lubricated for good, hence no need to lubricate under any circumstances and should not be oiled.
5. This torque wrench should be considered as precision measuring instrument; therefore, it should be always stored in the blow mould case provided. Regular maintenance is strongly recommended. Never throw it around recklessly, hammer with it as such behaviors will certainly damage the product.
6. Do not attempt to use any extension on the handle to apply torque.
7. This Torque Wrench is designed for tightening threaded fasteners manually only. Do not use it as a nut-breaker or for any other applications.
8. The user is suggested to learn the different amounts of torque, so to avoid the possibility of damaging the products or injury oneself resulted from accidentally applying exceeding force on the product.

- WARRANTY :

It won't apply any warranty in case the torque wrench has been modified by the user.  
We'll need complete explanations about the use of the torque wrench before accepting the tool to be sent back.

ft. lbs	kgm or mkp	Nm	Nm	ft. lbs	kgm or mkp
5	0.69	6.78	10	7.38	1.02
10	1.38	13.56	20	14.75	2.04
15	2.07	20.34	30	22.13	3.06
20	2.76	27.12	40	29.50	4.08
25	3.46	33.90	50	36.88	5.10
30	4.15	40.68	60	44.26	6.12
35	4.84	47.46	70	51.63	7.14
40	5.53	54.24	80	59.01	8.16
45	6.22	61.02	90	66.38	9.18
50	6.91	67.80	100	73.76	10.20
55	7.60	74.58	110	81.14	11.22
60	8.29	81.36	120	88.51	12.24
65	8.98	88.14	130	95.89	13.26
70	9.67	94.92	140	103.26	14.28
75	10.37	101.70	150	110.64	15.30
80	11.06	108.48	160	118.02	16.32
85	11.75	115.26	170	125.39	17.34
90	12.44	122.04	180	132.77	18.36
95	13.13	128.82	190	140.14	19.38
100	13.82	135.60	200	147.52	20.40
105	14.51	142.38	210	154.90	21.42
110	15.20	149.16	220	162.27	22.44
115	15.89	155.94	230	169.65	23.46
120	16.58	162.72	240	177.02	24.48
125	17.28	169.50	250	184.40	25.50
130	17.97	176.28	260	191.78	26.52
135	18.66	183.06	270	199.15	27.54
140	19.35	189.84	280	206.53	28.56
145	20.04	196.62	290	213.91	29.58
150	20.73	203.40	300	221.29	30.60
155	21.42	210.18	310	228.67	31.62
160	22.11	216.96	320	236.05	32.64
165	22.80	223.74	330	243.43	33.66
170	23.49	230.52	340	250.81	34.68
175	24.19	237.30	350	258.19	35.70
180	24.88	244.08	360	265.57	36.72
185	25.57	250.86	370	272.95	37.74
190	26.26	257.64	380	280.33	38.76
195	26.95	264.42	390	287.71	39.78
200	27.64	271.20	400	295.09	40.80
205	28.33	277.98	410	302.47	41.82
210	29.02	284.76			
215	29.71	291.54			
220	30.40	298.32			
225	31.09	305.10			
230	31.78	311.88			
235	32.47	318.66			
240	33.16	325.44			
245	33.85	332.22			
250	34.54	339			
260	35.88	352.56			
270	37.22	366.12			
280	38.56	379.68			
290	39.90	393.24			
300	41.24	406.80			

\*1 ft. lbs = 1,36 Nm

\*1 kgm or mkp = 9,8 Nm