



DOGHER
® TOOLS
Making Solutions



3% **prof**  374

4% **std**  378

9 x 12 mm  380

14 x 18 mm  381

4%  382

5%  382

5%  383

1/4"  1/4"  385

  385

Torque Wrenches
625

Torque Wrenches

Prof Professional Series

DOGHER
TOOLS



Instructions Manual & Certificate Included



625

Professional Torque Wrench

±3%



1/4"



N*m		L mm		Accur.	in-lb	Part N°	€
1,5~6	0,05	210	1/4"	±3%	-	625-01-06	248,37
2~10	0,1	280	1/4"	±3%	22,1-84,1	625-02-10	264,66
10~50	0,25	330	1/4"	±3%	99,6-431,5	625-10-50	276,48

625

Torque Wrench Spare Parts



N*m	Part N°	€
10~50	625-10R	41,57

626

Professional Torque Wrench

±3%



3/8"



N*m		L mm		Accur.	ft-lb	Part N°	€
10~60	0,5	340	3/8"	±3%	9,2-42,4	626-10-60	291,62
20~100	0,5	435	3/8"	±3%	16,6-71,9	626-20-100	301,73

626

Torque Wrench Spare Parts



N*m	Part N°	€
20~100	626-20R	59,17

NOTICE

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





Instructions Manual & Certificate Included

627

Professional Torque Wrench

±3%



1/2"



N*m		L mm		Accur.	ft-lb	Part N°	€
20~100	0,5	435	1/2"	±3%	-	627-20-100	319,60
40~200	1,0	515	1/2"	±3%	33,2-143,8	627-40-210	326,51
60~300	1,0	615	1/2"	±3%	51,6-243,4	627-60-300	331,00
80~400	2,0	615	1/2"	±3%	66,4-287,8	627-70-350	376,11

627

Torque Wrench Spare Parts



N*m	Part N°	€
20~100	627-20R	56,16
40~200	627-40R	59,76
60~300	627-60R	61,81
80~400	627-70R	73,74

628

Professional Torque Wrench

±3%



3/4"



N*m		L mm		Accur.	ft-lb	Part N°	€
100~600	5,0	1050	3/4"	±3%	92-424	628-100-500	1.142,69
150~800	5,0	1250	3/4"	±3%	129-572	628-140-700	1.349,18
200~1000	5,0	1250	3/4"	±3%	166-719	628-200-1000	1.612,37

628

Torque Wrench Spare Parts



N*m	Part N°	€
100~600	628-100R	147,51
150~800	628-140R	158,55
200~1000	628-200R	174,90

NOTICE

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





Instructions Manual & Certificate Included

629

Professional Torque Wrench

±3%



1"



N*m		L mm		Accur.	ft-lb	Part N°	€
150~800	5,0	1250	1"	±3%	129-572	629-150-800	1.466,75
300~1500	10,0	1850	1"	±3%	258-1070	629-300-1500	2.862,68
400~2000	20,0	2300	1"	±3%	369-1402	629-400-2000	4.651,32
500~2500	20,0	2750	1"	±3%	443-1771	629-500-2500	5.074,19



629

Torque Wrench Spare Parts



N*m	Part N°	€
150~800	629-150R	167,64
300~1500	629-300R	310,52
400~2000	629-400R	531,58
500~2500	629-500R	579,92

635

Flexible Torque Wrench

±3%



N*m		L mm		Accur.	Part N°	€
20~100	0,5	465	3/8"	±3%	635-20-100	303,18 *



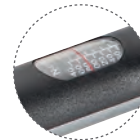
NOTICE

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





Instructions Manual & Certificate Included


638

Professional Torque Wrench

±4%

1/4"



N*m		L mm		Accur.	Part N°	€
4~20	0,1	374	1/4"	±4%	638-04-20	247,91

638

Professional Torque Wrench

±4%

3/8"



N*m		L mm		Accur.	Part N°	€
20~100	0,5	478	3/8"	±4%	638-20-100	263,17

638

Professional Torque Wrench

±4%

1/2"



N*m		L mm		Accur.	Part N°	€
40~210	1,0	562	1/2"	±4%	638-40-210	296,65
60~360	1,0	630	1/2"	±4%	638-60-360	333,34



NOTICE

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

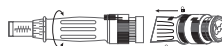
640

Interchangeable Torque Wrenches Set

11

Pcs

3%



40~200 Nm



1/2"



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

N*m	L mm		Accur.	Part N°	€
40~200	510	14x18	3%	640-001	733,80

Torque Wrenches

std

Std Series

DOGHER
TOOLS



Instructions Manual & Certificate Included

630

Std Torque Wrench

±4%



1/4"



N*m		L mm		Accur.	in-lb	Part N°	€
5~25	0,1	280	1/4"	±4%	44,3-221,3	630-05-25	186,36

630

Torque Wrench Spare Parts



N*m	Part N°	€
5~25	630-05R	35,49

631

Std Torque Wrench

±4%



3/8"



N*m		L mm		Accur.	in-lb	Part N°	€
5~25	0,2	280	3/8"	±4%	44,3-221,3	631-05-25	222,01

N*m		L mm		Accur.	ft-lb	Part N°	€
20~110	1,0	370	3/8"	±4%	14,8-81,1	631-19-110	246,78

631

Torque Wrench Spare Parts



N*m	Part N°	€
5~25	631-05R	42,28
20~110	631-19R	47,01

NOTICE

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

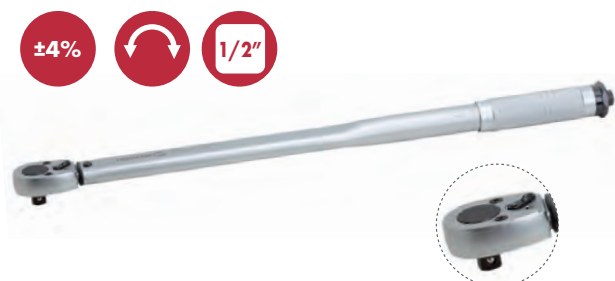




Instructions Manual & Certificate Included

632

Std Torque Wrench


 $\pm 4\%$

 $1/2''$

N*m		L mm		Accur.	ft-lb	Part N°	€
42~210	1,0	450	1/2"	$\pm 4\%$	31-154,9	632-42-210	297,33
70~340	3,0	570	1/2"	$\pm 4\%$	36,9-258,1	632-70-350	363,90

632

Torque Wrench Spare Parts



N*m	Part N°	€
42~210	632-42R	50,75
50~350	632-70R	67,50

633

Std Torque Wrench


 $\pm 4\%$

 $3/4''$

N*m		L mm		Accur.	kg-M	Part N°	€
65~450	1,0	800	3/4"	$\pm 4\%$	6,6-45,9	633-65-450	703,54

N*m		L mm		Accur.	ft-lb	Part N°	€
140~700	2,5	1065	3/4"	$\pm 4\%$	103,3-464,7	633-140-700	1.068,18
140~980	3,5	1215	3/4"	$\pm 4\%$	103,3-722,8	633-140-980	1.215,51

634

Std Torque Wrench


 $\pm 4\%$

 $1''$

N*m		L mm		Accur.	ft-lb	Part N°	€
140~980	3,5	1215	1"	$\pm 4\%$	103,3-722,8	634-140-980	1.400,88

NOTICE

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



Torque Wrenches

Interchangeable & Spare Heads



636

Interchangeable head Torque Wrench



Instructions Manual & Certificate Included

±3%

9x12 mm



N*m		L mm		Accur.	in-lb	Part N°	€
4-20	0,1	315	9x12	±3%	39,8-172,6	636-04-20	272,24

N*m		L mm		Accur.	ft-lb	Part N°	€
20~100	0,5	430	9x12	±3%	16,6-71,9	636-20-100	294,55

636

Open Ended Insert Tool



CrV

9x12 mm



 mm		Part N°	€
7	9 x 12	636-07	34,62
8	9 x 12	636-08	34,62
9	9 x 12	636-09	34,62
10	9 x 12	636-10	34,62
11	9 x 12	636-11	34,62
12	9 x 12	636-12	34,62
13	9 x 12	636-13	34,62
14	9 x 12	636-14	34,62
15	9 x 12	636-15	34,62
16	9 x 12	636-16	34,62
17	9 x 12	636-17	34,62
18	9 x 12	636-18	34,62
19	9 x 12	636-19	34,62
21	9 x 12	636-21	39,59
22	9 x 12	636-22	43,05
24	9 x 12	636-24	45,72
27	9 x 12	636-27	48,53
30	9 x 12	636-30	52,05
32	9 x 12	636-32	55,06
36	9 x 12	636-36	73,89

636

Ring Torque Insert Tool



CrV

9x12 mm



 mm		Part N°	€
7	9 x 12	636-07X	36,38
8	9 x 12	636-08X	36,38
9	9 x 12	636-09X	36,38
10	9 x 12	636-10X	36,38
11	9 x 12	636-11X	36,38
12	9 x 12	636-12X	36,38
13	9 x 12	636-13X	36,38
14	9 x 12	636-14X	36,38
15	9 x 12	636-15X	36,38
16	9 x 12	636-16X	36,38
17	9 x 12	636-17X	36,38
18	9 x 12	636-18X	36,38
19	9 x 12	636-19X	36,38
21	9 x 12	636-21X	41,47
22	9 x 12	636-22X	43,07

636

Increasing Adaptor

9x12 mm

14x18 mm



		Part N°	€
9X12	14 x 18	636-001	44,08

636

Torque Ratchet Head

9x12 mm



		Part N°	€
1/4"	9 x 12	636-1/4	42,39
3/8"	9 x 12	636-3/8	52,58
1/2"	9 x 12	636-1/2	64,93

637

Interchangeable
head Torque Wrench



Instructions Manual & Certificate Included

±3%

14x18
mm



N*m	L mm	Accur.	ft-lb	Part N°	€
40~200	1,0	485	14x18 ±3%	33,2-143,8	637-40-200 337,81
60~340	2,0	585	14x18 ±3%	51,6-243,4	637-60-340 369,86

637

Open Ended Insert Tool



CrV

14x18
mm



mm	Part N°	€
13	637-13	44,55
14	637-14	44,55
15	637-15	44,55
16	637-16	44,55
17	637-17	44,55
18	637-18	44,55
19	637-19	44,55
21	637-21	44,55
22	637-22	44,55
23	637-23	44,55
24	637-24	44,55
25	637-25	44,55
26	637-26	49,90
27	637-27	49,90
30	637-30	49,90
32	637-32	49,90
34	637-34	54,59
36	637-36	54,59
38	637-38	57,32
40	637-40	57,32
41	637-41	57,32
46	637-46	143,59
48	637-48	143,59
50	637-50	143,59
70	637-70	275,49

637

Ring Torque Insert Tool



CrV

14x18
mm



mm	Part N°	€
13	637-13X	44,55
14	637-14X	44,55
15	637-15X	44,55
16	637-16X	44,55
17	637-17X	44,55
18	637-18X	44,55
19	637-19X	44,55
21	637-21X	44,55
22	637-22X	44,55
24	637-24X	44,55
27	637-27X	49,90
30	637-30X	50,89
32	637-32X	50,89
34	637-34X	55,67
36	637-36X	55,67
41	637-41X	55,67

637

Reducing Adaptor

14x18
mm

9x12
mm



Part N°	€
637-001	35,59

637

Torque Ratchet Head

14x18
mm



Part N°	€
637-3/8	56,27
637-1/2	64,91

Torque Wrenches

Torque Multiplier in Carrying Sets & Insulated Torque Wrench



6031

6032

Insulated Torque Wrench

±4%



3/8"

N*m		L mm		Accur.	Part N°	€
5~25	0,2	290	3/8"	±4%	6031-05-25	747,12

1/2"

N*m		L mm		Accur.	Part N°	€
10~20	0,5	290	1/2"	±4%	6032-10-50	839,82

645

Torque Multiplier in Carrying Case

±5%

• Includes Cranked Reaction bar, Straight Reaction bar and Release kit



IN		OUT		Accur.		IN (Max) Nm	OUT (Max) Nm	g.	Part N°	€
1/2"		1"		±5 %	1 : 15,5	193	3000	11500	645-008	2.502,49

645

Torque Multiplier in Carrying Case

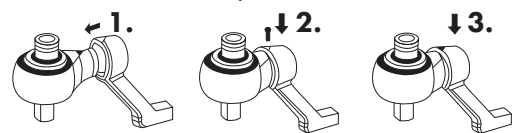
±5%

• Includes Cranked Reaction bar, Straight Reaction bar and Release kit

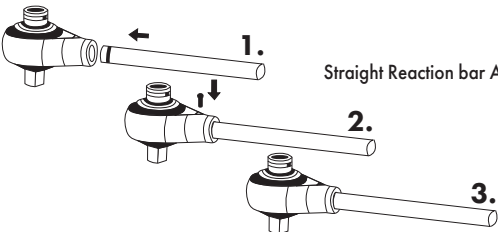


IN		OUT		Accur.		IN (Max) Nm	OUT (Max) Nm	g.	Part N°	€
1/2"		1"		±5 %	1 : 26	173	4500	13000	645-009	3.038,82

Cranked Reaction bar Assembly



Straight Reaction bar Assembly



645

Torque Multiplier in Carrying Case

±5%

• Includes Cranked Reaction bar, Straight Reaction bar and Release kit



IN	OUT	Accur.		IN (Max) Nm	OUT (Max) Nm	g.	Part N°	€
1/2"	3/4"	±5 %	1 : 5	300	1500	6500	645-001	1.132,43

645

Torque Multiplier in Carrying Case

±5%

• Includes Cranked Reaction bar, Straight Reaction bar and Release kit



IN	OUT	Accur.		IN (Max) Nm	OUT (Max) Nm	g.	Part N°	€
3/4"	1"	±5 %	1 : 5	540	2700	6500	645-002	1.241,76

Torque Wrenches

Torque Multiplier in Carrying Sets



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	g.	Part N°	€
1/2"	1"	±5 %	1 : 5	300	1500	6500	645-006	1.241,86

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 used 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	765,29

642 Torque Screwdriver Square Drive



		L mm	N*m	Accur.	Part N°	€
1/4"	0,02	135	0,4-2,6	±6%	642-0,4-2	265,50

643 Torque Screwdriver Bit Holder



		L mm	N*m	Accur.	Part N°	€
1/4"	0,01	180	0,1~1,2	±6%	643-0,1-1,2	265,50
1/4"	0,05	195	1~3,5	±6%	643-1-3,5	265,50

Professional Torque Angle Gauge

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	103,18

646 Professional Torque Angle Gauge



IN 	OUT 	Part N°	€
1/2"	1/2"	646-002	46,80

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 a long period and it is required to use again, make 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 the following instructions.
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	237.70	350	258.30	35.70
180	24.88	244.08	360	265.68	36.72
185	25.57	250.86	370	273.06	37.74
190	26.26	257.64	380	280.44	38.76
195	26.95	264.42	390	287.82	39.78
200	27.64	271.20	400	295.20	40.80
205	28.33	277.98	410	302.58	41.82
210	29.02	284.76	*1 ft. lbs = 1,36 Nm *1 kgm or mkp = 9,8 Nm		
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	37.26	366.12			
280	38.64	379.68			
290	40.02	393.24			
300	41.40	406.80			