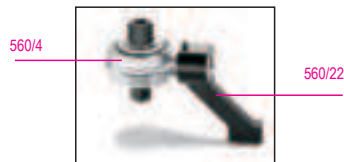
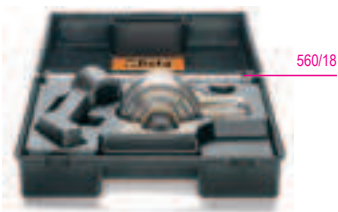


## 560/C4+

Torque multiplier,  
ratio 5:1,  
with reaction foot



Nm	Kgfm	lbf.ft	□	■	kg
2700	270	2000	3/4	1"	5

560/C4PLUS	1	005600042
560/4	1	005600004
560/18	1	005600018
560/22	1	005600022

310x275x120 mm

## 560/C6

torque multipliers for right-hand and left-hand  
tightening in plastic case  
ratio: 6.5:1



Nm	Kgfm	lbf.ft	□	■	kg
1500	150	1106	1/2"	3/4"	6

560/C6	1	005600160
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400x260x110 mm

## 560/C12

torque multipliers for right-hand and left-hand  
tightening in plastic case  
ratio: 12:1



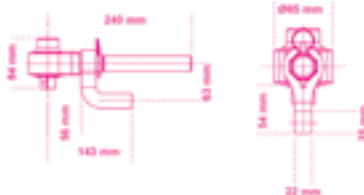
Nm	Kgfm	lbf.ft	□	■	kg
2500	250	1844	1/2"	1"	7

560/C12	1	005600210
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400x260x110 mm

## 561/1

torque multiplier,  
ratio 5:1  
with two reaction feet



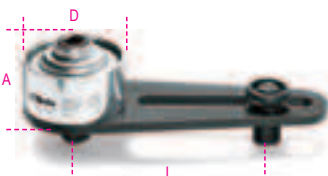
Nm	Kgfm	lbf.ft	□	■	kg
1000	100	740	1/2	3/4	2,7

561/1	1	005610010
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270x210x70 mm

## 562/1 - 562/2

torque multipliers, ratio 5:1



Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	kg
1700	170	1250	3/4	1"	108	95	85	220	5,3

562/1	1	005620001
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Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	kg
3400	340	2500	3/4	1"	119	115	85	265	7,0

562/2	1	005620002
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## 564/3R - 564/4R

torque multipliers, ratio 25:1,  
with anti-wind up system



Nm	Kgfm	lbf.ft	□	■	D	A	L	kg
3000	300	2200	1/2	1"	108	188	155	9,2

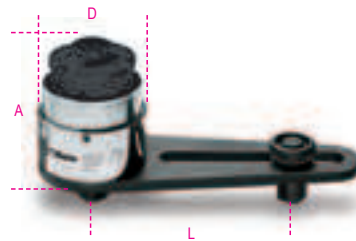
564/3R	1	005640003
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Nm	Kgfm	lbf.ft	□	■	D	A	L	kg
6000	600	4500	1/2	1 1/2	119	235	200	15,5

564/4R	1	005640004
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## 565/1R - 565/2R - 565/3R

torque multipliers, ratio 25:1  
with anti-wind up system



Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	kg
1700	170	1250	1/2	1"	108	125	80	215	7,7

565/1R	1	005650011
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Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	kg
3400	340	2500	1/2	1"	119	145	85	265	10,1

565/2R	1	005650012
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Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	kg
3400	340	2500	1/2	1 1/2	119	145	85	265	10,7

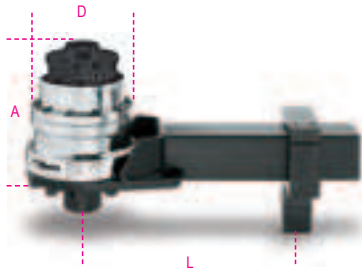
565/3R	1	005650013
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Beta

Beta

## 565/4R

torque multiplier, ratio 25:1  
with anti-wind up system

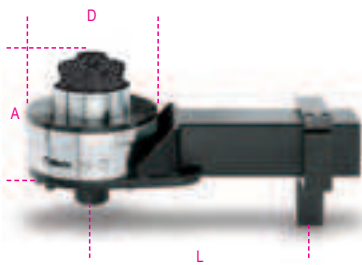


Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
6000	600	4500	1/2	1"1/2	144	180	125	335	17

565/4R 1 005650014

## 565/5R

torque multiplier, ratio 25:1  
with anti-wind up system

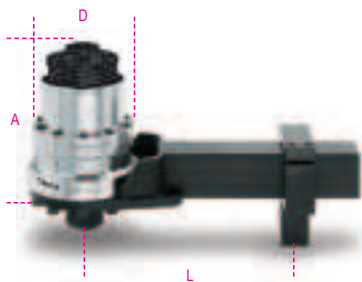


Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
9500	950	7000	3/4	1"1/2	184	180	155	355	25

565/5R 1 005650015

## 567/4R

torque multiplier, ratio 125:1  
with anti-wind up system

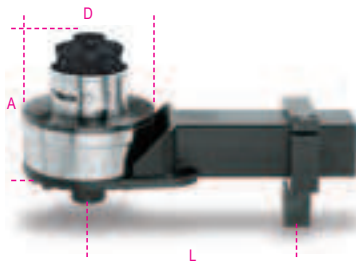


Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
6000	600	4500	1/2	1"1/2	144	210	125	335	19

567/4R 1 005670014

## 567/5R

torque multiplier, ratio 125:1  
with anti-wind up system



Nm	Kgfm	lbf.ft	□	■	D	A	L min	L max	⚖
mm	mm	mm	mm	mm	mm	mm	mm	mm	kg
9500	950	7000	1/2	1"1/2	184	210	155	350	27

567/5R 1 005670015

## 581

slip-torque screwdriver, ungraduated  
for right-hand tightening  
torque accuracy: ±6%  
(to be used with items 588 - 682)



UNI EN ISO 6789

Nm	gfm	□	⚖
mm	mm	mm	g
1,2÷6	120÷600	1/4"	275

581 1 005810001

## 583

slip-torque screwdriver, graduated  
for right-hand tightening  
torque accuracy: ±6%



UNI EN ISO 6789

Nm	gfm	□	⚖
mm	mm	mm	g
0,3÷1,5	30÷150	1/4"	240

583/1,5 1 005830015

Nm	gfm	□	⚖
mm	mm	mm	g
0,6÷3	60÷300	1/4"	240

583/3 1 005830030

Nm	gfm	□	⚖
mm	mm	mm	g
1,2÷6	120÷600	1/4"	350

583/6 1 005830060

## 583/C31

1 torque screwdriver, 8 hexagon hand sockets,  
20 bits and 2 accessories



583/C31 1 005830931

	583/6	1.2 - 6 Nm
	900	4-5-5.5-6-7-8-9-10 mm
	860LP	0,6x4,5 - 1x5,5 - 1,2x6,5 mm
	860PH	PH1 - PH2 (x2) - PH3
	860PE	2-2,5-3-4-5 mm
	860TX	T9-T10-T15-T20-T25-T27-T30-T40
	882P/80	80 mm
	892/0	● 1/4 ■ 1/4

270x120x45 mm - 1,2 kg

## 588

electronic digital torque meter

For testing and setting torque screwdrivers 581-583  
Reading accuracy: ± 1% of read value

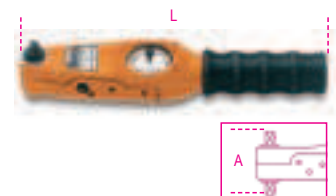


Nm	lbf.in	□	⚖
mm	mm	mm	kg
1÷10	10÷90	1/4"	1,8

588 1 005880001

## 590 - 592

direct reading torque wrenches  
for right-hand and left-hand tightening  
torque accuracy: ±4%



UNI EN ISO 6789

Nm	Kgfm	lbf.in	□	A	L	⚖
mm	mm	mm	mm	mm	mm	kg
0,3÷4	0,03÷0,4	3÷35	1/4	60	253	0,52

590 1 005900001

Nm	Kgfm	lbf.in	□	A	L	⚖
mm	mm	mm	mm	mm	mm	kg
0,5÷13,5	0,05÷1,35	4÷120	1/4	60	253	0,52

590/1 1 005900003

Nm	Kgfm	lbf.in	■	A	L	kg
1÷27	0,1÷2,7	10÷240	3/8	70	253	0,52

592/3 1 005920005

Nm	Kgfm	lbf.in	■	A	L	kg
3÷40	0,3÷4	20÷360	3/8	70	253	0,52

592/4 1 005920007

Table of fields of use  
for torque wrenches and bars  
at end of price list

## 594

direct reading torque wrenches  
for right-hand and left-hand tightening  
torque accuracy: ±4%

12"



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	■	A	L	kg
6÷80	0,6÷8	5÷60	1/2	85	455	1,35

594/8 1 005940011

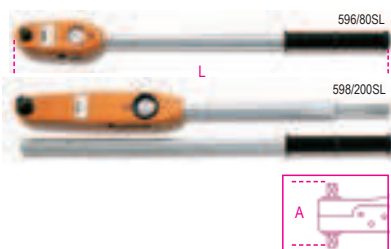
Nm	Kgfm	lbf.ft	■	A	L	kg
20÷215	2÷21,5	15÷160	1/2	85	530	1,40

594/21 1 005940015

## 596 - 598

direct reading torque wrenches  
for right-hand and left-hand tightening  
torque accuracy: ±4%

A signal light and an intermittent sound mean the pre-set  
torque load is achieved.



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	■	A	L	kg
80÷400	8÷40	60÷300	3/4	111	710	3,2

596/40SL 1 005960010

Nm	Kgfm	lbf.ft	■	A	L	kg
160÷800	16÷80	120÷600	3/4"	115	1025	4,85

596/80SL 1 005960020

Nm	Kgfm	lbf.ft	■	A	L	kg
200÷2000	20÷200	150÷1500	1"	135	1930	16,70

598/200SL 1 005980022

Torque calibration  
service  
at end of price list

## 599DGT

electronic torque wrench  
with reversible ratchet,  
right-hand (accuracy: ±2%) and left-hand  
(accuracy: ±3%) tightening

- Dual measurement mode: peak hold and track
- Light indicators and an intermittent sound inform user that preset torque has been reached
- Power supply: 2 1.5V batteries (included)



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	■	D	A	L	kg
12÷60	1,2÷6	8÷44	3/8	30	33	413	0,9

599DGT/6 1 005990003

Nm	Kgfm	lbf.ft	■	D	A	L	kg
20÷100	2÷10	15÷80	1/2	30	37	413	0,9

599DGT/10X 1 005990010

Nm	Kgfm	lbf.ft	■	D	A	L	kg
40÷200	4÷20	30÷150	1/2	40	43	520	2

599DGT/20 1 005990020

Nm	Kgfm	lbf.ft	■	D	A	L	kg
68÷340	6,8÷34	58÷280	1/2	40	43	640	2,35

599DGT/30 1 005990030

## 599DGT-AN

electronic torque wrench, torque and angle  
readout,  
with reversible ratchet,  
right-hand (accuracy: ±2%)  
and left-hand (accuracy: ±3%) tightening

- tightening types: torque, angle, torque + angle
- dual measurement mode: peak hold and track
- light indicators and an intermittent sound inform user that preset torque or angle has been reached
- tightening data storage (up to 250 values)
- up to 9 torque/angle values can be preset
- key safety lockout
- wrench can be associated with 16 users through user ID
- tightening data traceability. Software allows date and time, tool serial number, set tightening value and reached value to be stored and associated with user ID
- nonslip bi-material handle
- included: 2 AA - 1.5V batteries, USB cable and software



UNI EN 26789  
ISO 6789

Nm	Kgfm	lbf.ft	■	D	A	L	kg
20÷100	2÷10	15÷80	1/2	30	33	413	0,9

599DGT-AN/10 1 005990610

Nm	Kgfm	lbf.ft	■	D	A	L	kg
40÷200	4÷20	30÷150	1/2	40	43	520	1,3

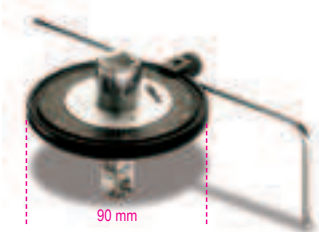
599DGT-AN/20 1 005990620

Torque calibration  
service  
at end of price list

Beta

## 600

torque angle indicators



	□	■	1	006000001
600/1	1/2	1/2	1	006000001
600/2	3/4	3/4	1	006000002

## 601C

digital tangle indicator

Light signals and an intermittent sound inform user that preset angle has been reached

CE



601C	1	006010100
85x80x87 mm - 70 g		

## 601CA

digital torque and angle indicator

light indicators and an intermittent sound inform user that preset torque or angle has been reached

12"

CE



601CA	□	■	Nm	1	006010120
	1/2"	1/2"	10÷200	1	006010120
120x90x120 mm - 240 g					

## 603

calibrated slipping torque wrenches for right-hand tightening torque accuracy: ±6%

1/4"



UNI EN ISO 6789

Nm	Kgfm	lbf.in	■	A	L	g
1÷5	0,1÷0,5	10÷45	1/4	35	195	235

603/5	1	006030005
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Nm	Kgfm	lbf.in	■	A	L	g
2÷10	0,2÷1,0	18÷90	1/4	35	195	235

603/10	1	006030010
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## 604B

break-back torque bars for right-hand and left-hand tightening torque accuracy: ± 6%



UNI EN ISO 6789

Nm	kgfm	lbf.in	Ø	L	g
1÷5	0,1÷0,5	10÷45	8	220	290

604B/5	1	006040015
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Nm	Kgfm	lbf.in	Ø	L	g
2÷10	0,2÷1,0	18÷90	8	220	300

604B/10	1	006040020
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## 605E

click-type torque wrenches with reversible ratchets for right-hand and left-hand tightening torque accuracy: ± 6%

1/4"



UNI EN ISO 6789

Nm	Kgfm	lbf.in	■	A	L	g
1÷5	0,1÷0,5	10÷45	1/4	20	190	180

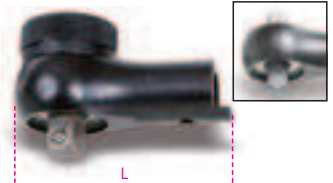
605E/5	1	006050105
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Nm	Kgfm	lbf.in	■	A	L	g
2÷10	0,2÷1,0	18÷90	1/4	20	190	180

605E/10	1	006050110
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## 611

reversible ratchets for torque bars items 604B/5 and 604B/10 8 mm drive

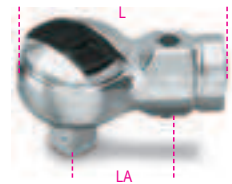


■	L	1	006110001
1/4	42,5	1	006110001

Torque calibration service at end of price list

## 612 ÷ 614

reversible ratchets for torque bars



Items 612 and 612X should not be used with tightening torques exceeding 100 Nm

612	■	L	LA	2	006120000
612X	1/2	66	32	2	006120010
614	1/2	71	32	2	006140000
614X	3/4	71	32	2	006140004

## 614/50

push-through ratchet for torque bars



614/50	■	L	LA	2	006140002
	1/2	71	32	2	006140002

Spare parts rotating mechanism of ratchets, see table after item 929/C8

Beta

## 615

reversible ratchets  
for torque bars, rectangular drive



mm	mm	L mm	LA mm		
9x12	3/8	53	28,8	1	006150010
9x12	1/2	53	28,8	1	006150020
14x18	1/2	70	39,8	1	006150120

## 616 - 617 - 619

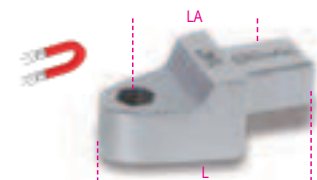
fixed heads for torque bars



	mm	L mm	LA mm		
616	1/4	61	32	1	006160000
617	3/8	61	32	1	006170000
619	1/2	63	32	1	006190000

## 621

bit holder accessories  
for torque bars, rectangular drive



	mm	mm	L mm	LA mm		
P 1/4	9x12	1/4	40	28,8	1	006210000
* P 5/16	14x18	5/16	61	32,5	1	006210110

\*Caution! Recalculate torque value to set as shown in table at end of price list

## 641

open jaw wrenches  
for torque bars 604B/5 and 604B/10  
8 mm drive



mm	L mm		
4	37	1	006410003
5	37	1	006410004
5,5	37	1	006410005
6	37	1	006410006
7	37	1	006410007
8	42	1	006410008
9	42	1	006410009
10	42	1	006410010

# Beta

## 642

open jaw wrenches for torque bars



mm	L mm	LA mm	A mm		
8	54	32	22	1	006420008
10	57	32	26	1	006420010
12	58	32	30	1	006420012
13	58	32	30	1	006420013
14	59	32	32	1	006420014
15	59	32	35	1	006420015
16	59	32	38	1	006420016
17	60	32	39	1	006420017
18	61	32	42	1	006420018
19	61	32	43	1	006420019
20	61	32	50	1	006420020
21	62	32	53	1	006420021
22	62	32	53	1	006420022
23	65	32	53	1	006420023
24	63	32	53	1	006420024
26	64	32	59	1	006420026
27	65	32	59	1	006420027
28	66	32	64	1	006420028
30	66	32	66	1	006420030
32	67	32	66	1	006420032
* 36	76	42	80	1	006420036
* 40	77	52	95	1	006420040
* 41	78	52	95	1	006420041
* 46	90	52	95	1	006420046

\*Caution! Recalculate torque value to set as shown in table at end of price list

## 643

open jaw wrenches  
for torque bars, rectangular drive



mm	mm	L mm	LA mm		
8	9x12	37	28,8	1	006430008
10	9x12	39	28,8	1	006430010
12	9x12	39	28,8	1	006430012
13	9x12	39	28,8	1	006430013
14	9x12	43	28,8	1	006430014
15	9x12	43	28,8	1	006430015
16	9x12	43	28,8	1	006430016
17	9x12	43	28,8	1	006430017
* 18	9x12	47	36,3	1	006430018
* 19	9x12	51	36,3	1	006430019
* 22	9x12	52	36,3	1	006430022

\*Caution! Recalculate torque value to set as shown in table at end of price list

mm	mm	L mm	LA mm		
13	14x18	60	39,8	1	006430113
14	14x18	58	39,8	1	006430114
15	14x18	60	39,8	1	006430115
16	14x18	60	39,8	1	006430116
17	14x18	60	39,8	1	006430117
18	14x18	61	39,8	1	006430118
19	14x18	61	39,8	1	006430119
21	14x18	61	39,8	1	006430121
22	14x18	62	39,8	1	006430122
24	14x18	64	39,8	1	006430124
* 27	14x18	68	44,8	1	006430127
* 30	14x18	77	49,8	1	006430130
* 32	14x18	77	49,8	1	006430132
* 34	14x18	80	54,8	1	006430134
* 36	14x18	83	54,8	1	006430136
* 41	14x18	91	64,8	1	006430141

\*Caution! Recalculate torque value to set as shown in table at end of price list

## 652

ring wrenches for torque bars

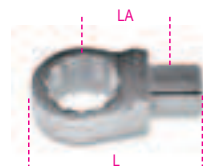


mm	L mm	LA mm		
8	58	32	1	006520008
10	58	32	1	006520010
12	58	32	1	006520012
13	58	32	1	006520013
14	58	32	1	006520014
15	62	32	1	006520015
16	63	32	1	006520016
17	64	32	1	006520017
18	65	32	1	006520018
19	65	32	1	006520019
21	67	32	1	006520021
22	68	32	1	006520022
24	69	32	1	006520024
26	71	32	1	006520026
27	71	32	1	006520027
30	73	32	1	006520030
32	74	32	1	006520032

\*Caution! Recalculate torque value to set as shown in table at end of price list

## 653

ring wrenches  
for torque bars, rectangular drive



mm	mm	L mm	LA mm		
8	9x12	40	28,8	1	006530008
10	9x12	43	28,8	1	006530010
12	9x12	44	28,8	1	006530012
13	9x12	44	28,8	1	006530013
14	9x12	45	28,8	1	006530014
15	9x12	46	28,8	1	006530015
16	9x12	47	28,8	1	006530016
17	9x12	47	28,8	1	006530017
18	9x12	48	28,8	1	006530018
19	9x12	49	28,8	1	006530019
22	9x12	51	28,8	1	006530022

\*Caution! Recalculate torque value to set as shown in table at end of price list

mm	mm	L mm	LA mm		
13	14x18	61	39,8	1	006530113
14	14x18	61	39,8	1	006530114
15	14x18	62	39,8	1	006530115
16	14x18	63	39,8	1	006530116
17	14x18	64	39,8	1	006530117
18	14x18	64	39,8	1	006530118
19	14x18	66	39,8	1	006530119
21	14x18	66	39,8	1	006530121
22	14x18	67	39,8	1	006530122
24	14x18	69	39,8	1	006530124
* 27	14x18	76	44,8	1	006530127
* 30	14x18	77	44,8	1	006530130
* 32	14x18	79	44,8	1	006530132
* 34	14x18	80	44,8	1	006530134
* 36	14x18	80	44,8	1	006530136
* 41	14x18	90	49,8	1	006530141

\*Caution! Recalculate torque value to set as shown in table at end of price list

### 659/15

adaptor with rectangular female (14x18 mm) and male (9x12 mm) drives



L mm	mm	mm		
* 56	14x18	9x12	1	006590815

\*Caution! Recalculate torque value to set as shown in table at end of price list

### 659/16

adaptor with rectangular female (9x12 mm) and male (14x18 mm) drives



L mm	mm	mm		
* 52	9x12	14x18	1	006590816

\*Caution! Recalculate torque value to set as shown in table at end of price list

### 665

mechanical torque wrench with digital setting and reversible ratchet, for right-hand tightening, torque accuracy  $\pm 3\%$

- Auto power off after 10" when torque is set under minimum torque threshold
- Display will remain on with set torque value
- Torque setting to decimal digit
- Power supply: battery 1 3V (included)



UNI EN ISO 6789

Nm	mm	D mm	A mm	L mm	g
10÷60	3/8	30	33	335	655

665/6	1	006650006
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Nm	mm	D mm	A mm	L mm	g
20÷100	3/8	30	33	375	725

665/10	1	006650010
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Nm	mm	D mm	A mm	L mm	g
20÷100	1/2	30	37	375	725

665/10X	1	006650011
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Nm	mm	D mm	A mm	L mm	g
40÷200	1/2	40	43	470	995

665/20	1	006650020
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Nm	mm	D mm	A mm	L mm	g
60÷330	1/2	40	43	590	1260

665/30	1	006650030
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### 665LB

mechanical torque wrench, digital readout, with reversible ratchet, for right-hand tightening, torque accuracy:  $\pm 3\%$

- Unit of measurement: lbf.ft
- Torque is easy to set and read through value shown on display
- Display remains on with set torque value
- Torque reading to 0.1 mm
- Automatic switch-off after 30 sec. with torque setting under minimum threshold
- Power supply: 1 3V battery (included)



UNI EN ISO 6789

lbf.ft	mm	D mm	A mm	L mm	g
7÷45	3/8	30	33	335	655

665LB/6	1	006650106
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lbf.ft	mm	D mm	A mm	L mm	g
15÷75	3/8	30	33	375	725

665LB/10	1	006650110
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lbf.ft	mm	D mm	A mm	L mm	g
15÷75	1/2	30	37	375	725

665LB/10X	1	006650111
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lbf.ft	mm	D mm	A mm	L mm	g
30÷150	1/2	40	43	470	995

665LB/20	1	006650120
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lbf.ft	mm	D mm	A mm	L mm	g
45÷240	1/2	40	43	590	1260

665LB/30	1	006650130
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### 665SW

calibration device

- Device allows calibration of wrenches item 665 with help of torque meters 680 and 682, without having to dismantle wrench.
- Calibration is performed on several points, to compensate for nonlinear behaviour of spring.
- Fitted with a micro USB port, for firmware updates.



665SW	1	006650100
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### 666N

click-type torque wrenches with reversible ratchets, for right-hand tightening, torque accuracy:  $\pm 3\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
5÷25	0,5÷2,5	4÷18	1/4	25	29	220	300

666N/2	1	006660002
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Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
5÷25	0,5÷2,5	4÷18	3/8	25	29	220	300

666N/2X	1	006660003
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Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
10÷50	1÷5	7÷37	3/8	30	33	325	660

666N/5	1	006660005
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Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
20÷100	2÷10	15÷75	3/8	30	33	367	730

666N/10	1	006660010
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Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
20÷100	2÷10	15÷75	1/2	30	37	367	800

666N/10X	1	006660011
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Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
40÷200	4÷20	30÷150	1/2	40	43	465	1010

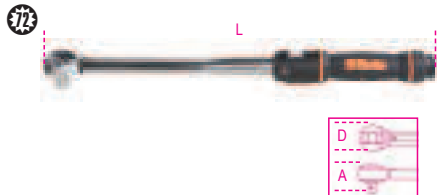
666N/20	1	006660020
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Nm	Kgfm	lbf.ft	mm	D mm	A mm	L mm	g
60÷300	6÷30	50÷220	1/2	40	43	581	1380

666N/30	1	006660030
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## 666N LBF.IN

click-type torque wrenches with reversible ratchets, for right-hand tightening torque accuracy:  $\pm 3\%$   
• Scale in pounds force per inch



UNI EN ISO 6789

lbf.in	■	D mm	A mm	L mm	g
90÷440	3/8	30	33	325	660

666N-LBF.IN/5 1 006660055

lbf.in	■	D mm	A mm	L mm	g
200÷800	3/8	30	33	367	730

666N-LBF.IN/10 1 006660070

lbf.in	■	D mm	A mm	L mm	g
200÷800	1/2	30	37	367	800

666N-LBF.IN/10X 1 006660071

lbf.in	■	D mm	A mm	L mm	g
400÷1800	1/2	40	43	465	1010

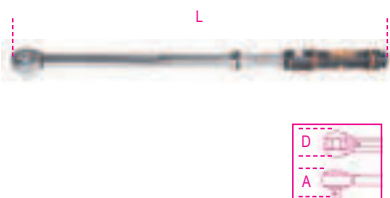
666N-LBF.IN/20 1 006660072

lbf.in	■	D mm	A mm	L mm	g
500÷3000	1/2	40	43	581	1380

666N-LBF.IN/30 1 006660073

## 667N

click-type torque wrenches with push-through ratchets, for right-hand and left-hand tightening, torque accuracy:  $\pm 3\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	g
40÷200	4÷20	30÷150	1/2	40	43	465	1010

667N/20 1 006670020

Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	g
60÷300	6÷30	50÷220	1/2	40	43	581	1380

667N/30 1 006670030

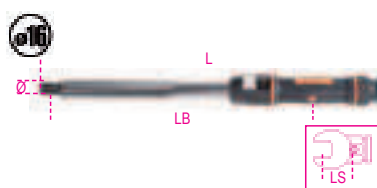
Nm	Kgfm	lbf.ft	■	D mm	A mm	L mm	g
80÷400	8÷40	60÷295	3/4	50	50	687	2090

667N/40 1 006670040

Spare parts rotating mechanism of ratchets, see table after item 929/C8

## 668N

click-type torque bars, for right-hand and left-hand tightening, torque accuracy:  $\pm 3\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	Ø mm	L mm	LB mm	LS mm	g
5÷25	0,5÷2,5	4÷18	16	220	148	32	300

668N/2 1 006680002

Nm	Kgfm	lbf.ft	Ø mm	L mm	LB mm	LS mm	g
10÷50	1÷5	7÷37	16	307	229	32	590

668N/5 1 006680005

Nm	Kgfm	lbf.ft	Ø mm	L mm	LB mm	LS mm	g
20÷100	2÷10	15÷75	16	376	269	32	670

668N/10 1 006680010

Nm	Kgfm	lbf.ft	Ø mm	L mm	LB mm	LS mm	g
40÷200	4÷20	30÷150	16	450	352,6	32	795

668N/20 1 006680020

Nm	Kgfm	lbf.ft	Ø mm	L mm	LB mm	LS mm	g
60÷300	6÷30	50÷220	16	588	475,9	32	1230

668N/30 1 006680030

## 668RG

click-type torque bar, ungraduated for right-hand and left-hand tightening torque accuracy:  $\pm 4\%$  (to be used with items 680 - 682)



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	Ø mm	L mm	g
8÷60	0,8÷6	6÷44	16	288	550

668RG/6 1 006680206

Nm	Kgfm	lbf.ft	Ø mm	L mm	g
20÷100	2÷10	15÷80	16	315	600

668RG/10 1 006680210

Nm	Kgfm	lbf.ft	Ø mm	L mm	g
40÷200	4÷20	30÷150	16	405	780

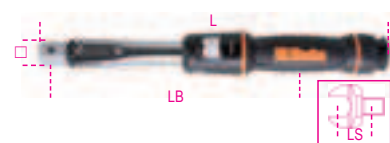
668RG/20 1 006680220

Nm	Kgfm	lbf.ft	Ø mm	L mm	g
60÷300	6÷30	50÷220	16	645	1130

668RG/30 1 006680230

## 669N

click-type torque bars, rectangular drive, for right-hand and left-hand tightening, torque accuracy:  $\pm 3\%$



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	g
5÷25	0,5÷2,5	4÷18	9x12	215	140	28,8	300

669N/2 1 006690202

Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	g
10÷50	1÷5	7÷37	9x12	307	226,8	28,8	590

669N/5 1 006690205

Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	g
20÷100	2÷10	15÷75	9x12	376	266,8	28,8	670

669N/10 1 006690210

Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	g
40÷200	4÷20	30÷150	9x12	450	345,6	28,8	795

669N/20 1 006690220

Beta

Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	g
40÷200	4÷20	30÷150	14x18	450	351	39,8	795

669N/20X 1 006690221

Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	g
60÷300	6÷30	50÷220	14x18	588	468,5	39,8	1230

669N/30 1 006690230

Nm	Kgfm	lbf.ft	□ mm	L mm	LB mm	LS mm	g
80÷400	8÷40	60÷295	14x18	588	563	39,8	2100

669N/40 1 006690240

## 671B/C5

torque bar item 604B/5 and accessories

14"



671B/C5 1 006710001

	604B/5	1+5 Nm
	611	1/4
	641	5-6-7-8 mm
	900	4-5-5,5-6-7-8-9-10 mm

≡ 270x120x45 mm - 1,3 kg

## 671B/C10

torque bar item 604B/10 and accessories

14"



671B/C10 1 006710002

	604B/10	2÷10 Nm
	611	1/4
	641	6-7-8-10 mm
	900	4-5-5,5-6-7-8-9-10 mm

≡ 270x120x45 mm - 1,4 kg

## 671N/C10

torque bar 668N/10 and accessories

38"



671N/C10 1 006710110

	668N/10	100 Nm
	612	■ 3/8
	617	■ 3/8
	642	10-13-14-17-19 mm
	652	10-13-14-17-19 mm
	910A	□ 3/8 8-10-11-13-14-17-19 mm
	910/21	125 mm
	910/22	250 mm

≡ 400x180x45 mm - 4,3 kg

## 671N/C20

torque bar 668N/20 and accessories

12"



671N/C20 1 006710120

	668N/20	200 Nm
	614	■ 1/2
	619	■ 1/2
	642	10-13-14-17-19 mm
	652	10-13-14-17-19 mm
	920A	□ 1/2 10-11-13-14-17-19-22 mm
	920/20	75 mm
	920/21	125 mm
	920/22	255 mm

≡ 510x180x45 mm - 5,5 kg

## 671N/C30

torque bar 668N/30 and accessories

12"



671N/C30 1 006710130

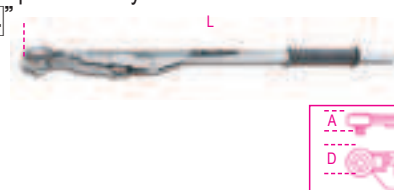
	668N/30	300 Nm
	614	■ 1/2
	619	■ 1/2
	642	13-14-17-19 mm
	652	13-14-17-19 mm
	920A	□ 1/2 13-14-17-19-22-24-27 mm
	920/20	75 mm
	920/21	125 mm
	920/22	255 mm

≡ 620x180x45 mm - 5,8 kg

## 677

break-back torque wrenches with push-through ratchets for right-hand and left-hand tightening torque accuracy: ±4%

34"



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
100÷500	10÷50	70÷350	70	55	915	5,2

677/50 1 006770050

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
150÷700	15÷70	100÷500	70	55	1140	6,2

677/70 1 006770070

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
300÷1000	30÷100	200÷750	70	55	1470	7,5

677/100 1 006770100

## 677/C

break-back torque wrenches with push-through ratchets, for right-hand and left-hand tightening, torque accuracy: ±4% in case

34"



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
100÷500	10÷50	70÷350	70	55	915	5,2

677/C50 1 006770606

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
150÷700	15÷70	100÷500	70	55	1140	6,2

677/C70 1 006770611

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
300÷1000	30÷100	200÷750	70	55	1470	7,5

677/C100 1 006770615

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
700÷1500	70÷150	500÷1000	70	70	1475	10,4

677/C150 1 006770620



## 677/CP200

break-back torque wrenches with push-through ratchets for right-hand and left-hand tightening torque accuracy:  $\pm 4\%$  in case



UNI EN ISO 6789

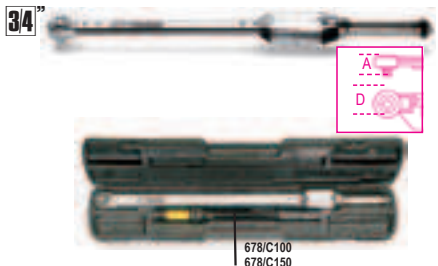
Nm	kgfm	lbf.ft	D mm	A mm	L mm	kg
900÷2000	90÷200	600÷1500	70	63	1920	13

677/CP200 1 006770720

## 678/C

click-type torque wrenches with push-through ratchets for right-hand and left-hand tightening, torque accuracy:  $\pm 4\%$  in case

• Models 678/C100 and 678/C150 supplied complete with extensions.



UNI EN ISO 6789

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
130÷650	13÷65	100÷480	63	55	885	3,9

678/C65 1 006780607

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
300÷1000	30÷100	220÷750	75	60	1250	6,0

678/C100 1 006780611

Nm	Kgfm	lbf.ft	D mm	A mm	L mm	kg
500÷1500	50÷150	370÷1100	75	60	1570	8,5

678/C150 1 006780615

## 677/CV - 678/CV

empty cases for torque wrenches items 677 and 678



677/CV1 1 006770450

677/C50-677/C70 1 006780500

678/CV2 1 006780415

677/C100-677/C150-678/C150 1 006820150

## 680

electronic digital torque meter Dynatester 680 for checking calibration, can be used both clockwise and anticlockwise

• Accuracy:  $\pm 1\%$   
• 3 measuring units: Nm - lbf.ft. - lbf.in



	Nm	kg		
680/2,5	1÷25	2,6	1	006800002
680/40	15÷400	4,0	1	006800040
680/100	100÷1000	4,8	1	006800100

## 682

electronic digital torque meter with transducer Dynatester 682 to be used either clockwise or anticlockwise Remarkable reading accuracy Supplied with serial output RS 232 for printers



### TECHNICAL FEATURES

Reading accuracy  $\pm 1\%$  of the read value  
Available measuring units Nm-dNm-cNm-lbf.ft-lbf.in-Ozf.in-Kgf.m-Kgf.cm-gf.cm  
Supply range 90 to 264 V AC at 50/60 Hz  
Dimensions 235x185x185 mm  
Tolerance test according to norm ISO 6789  
Acceptability range for each torque wrench tested  
Display Menu available in 11 languages  
Provided with all certificates required  
Calibration certificate with UKAS traceability

	Nm	kg		
682/60	1,2÷60	5,9	1	006820006
682/400	8÷400	6,1	1	006820040
682/1500	30÷1500	6,4	1	006820150

## 710

impact sockets, standard series

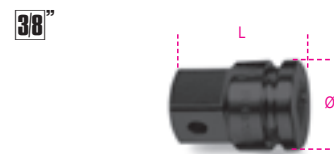


UNI/ISO 2725 DIN 3129

mm	Ø mm	L mm	Ø1 mm		
7	12,5	28	19	3	007100007
8	13,8	28	19	3	007100008
9	15,0	28	19	3	007100009
10	16,3	28	19	3	007100010
11	17,5	30	19	3	007100011
12	19,0	30	19	3	007100012
13	20,0	30	22	3	007100013
14	21,3	30	22	3	007100014
16	23,8	30	22	3	007100016
17	25,0	30	22	3	007100017
18	26,3	30	22	3	007100018
19	27,5	30	22	3	007100019
21	30,0	32	22	3	007100021
22	32,0	32	22	3	007100022

## 710/16

impact adaptor, 3/8" female and 1/2" male drives



L mm	Ø mm	□ mm	■ mm		
32	22	3/8	1/2	3	007100810

## 710/20

3/8" drive impact extension bar



L mm	Ø mm		
75	22	2	007100821

## 710/21

3/8" drive impact extension bar



L mm	Ø mm		
125	22	2	007100823