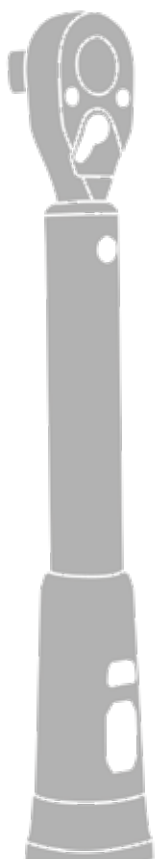




TORQUE WRENCHES

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04 Torque Wrenches

Exacto Torque Wrenches

Torque-controlled tightening is now essential in many sectors including automotive, aviation, energy etc. Our range of tools dedicated to torque controlled tightening precisely addresses the requirements of professionals in these industries.

All Ceta Form torque tools are factory calibrated according to standards and an individual serial numbered calibration certificate is provided.

Accuracy according to:
DIN ISO 6789 & ASME B107.14M-2004.

new
design

6.3
1/4"

10
3/8"

12.5
1/2"



Individual calibration certificate

EXTENSIONS & ADAPTERS

When using an extension or adapter (increasing the effective length of the torque wrench) the output torque value will change. To calculate the new torque output of the wrench use the following formula

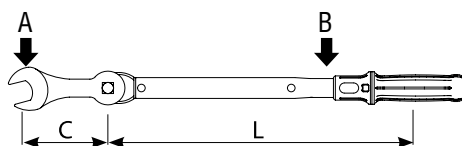
$$A = \frac{L + C}{L} \times B$$

A= Torque exerted at end of adapter

L= Distance between square drive and hand position

B= Wrench scale reading

C= Length of adapter or extension



A number of variables including the length of the adapter or extension, length of the wrench and variations in hand position on the wrench will affect the accuracy of the above calculation.



Click Type Torque Wrenches and Inserts

D02F2 Series

Exacto Torque Wrenches (Window Scaled)

DIN/EN ISO 6789



Click type with reversible ratchet (45-tooth), Nm / lbf.ft window scale, push-lock scale setting, supplied in plastic case
Individual calibration certificate to DIN ISO 6789



CODE NO	Nm	"	mm	
D02F2-0125	5 - 25	1/4	275	1
D02F2-1105	10 - 50	3/8	418	1
D02F2-1110	20 - 100	3/8	418	1
D02F2-2110	20 - 100	1/2	418	1
D02F2-2120	40 - 200	1/2	502	1
D02F2-2130	60 - 300	1/2	594	1

D02F2-R Series

Ratchet Renewal Kits (for D02F2 Series)



CODE NO		
D02F2-01R	for D02F2-0125	1
D02F2-11R	for D02F2-1105 and 1110	1
D02F2-21R/1	for D02F2-2110	1
D02F2-21R/2	for D02F2-2120 and 2130	1

D03F2 Series

Torque Wrenches (Laser Scaled)



CODE NO	Nm	"	mm	
D03F2-0125	5 - 25	1/4	241	1
D03F2-1112	20 - 120	3/8	425	1
D03F2-2122	40 - 220	1/2	503	1
D03F2-2123	60 - 330	1/2	564	1

D02E Series

Exacto Insert Torque Wrenches

DIN/EN ISO 6789



Rectangular drive for insert tools, Nm / lbf.ft window scale, push-lock scale setting, supplied in plastic case
Individual calibration certificate to DIN ISO 6789



CODE NO	Nm	mm	mm	
D02E-0910	20 - 100	9x12	380	1
D02E-1420	40 - 200	14x18	475	1
D02E-1430	60 - 300	14x18	570	1

D02E-RH09 Series

Insert Reversible Ratchets (9x12)



24-tooth strong mechanism, switch pawl, square according to DIN 3120, ISO 1174-1

9x12

CODE NO	"	mm	
D02E-RH0938	3/8	56	1
D02E-RH0912	1/2	69	1

D02E-OE09 Series

Insert Open End Wrenches (9x12)



9x12

CODE NO	mm	mm	
D02E-OE0908	8	17.5	1
D02E-OE0910	10	17.5	1
D02E-OE0911	11	17.5	1
D02E-OE0912	12	17.5	1
D02E-OE0913	13	17.5	1
D02E-OE0914	14	20	1
D02E-OE0915	15	20	1
D02E-OE0916	16	20	1
D02E-OE0917	17	20	1
D02E-OE0918	18	20	1
D02E-OE0919	19	20	1

D02E-RE09 Series

Insert Ring End Wrenches (9x12)



9x12

CODE NO	mm	mm	
D02E-RE0908	8	17.5	1
D02E-RE0910	10	17.5	1
D02E-RE0911	11	17.5	1
D02E-RE0912	12	17.5	1
D02E-RE0913	13	17.5	1
D02E-RE0914	14	17.5	1
D02E-RE0915	15	17.5	1
D02E-RE0916	16	17.5	1
D02E-RE0917	17	17.5	1
D02E-RE0918	18	17.5	1
D02E-RE0919	19	17.5	1
D02E-RE0922	22	17.5	1

D02E-RH1412

1/2" Drive Insert Reversible Ratchet (14x18)



24-tooth strong mechanism, switch pawl, square according to DIN 3120, ISO 1174-1

14x18

CODE NO	"	mm	
D02E-RH1412	1/2	78	1

D02E-OE14 Series

Insert Open End Wrenches (14x18)



14x18

CODE NO	mm	mm	
D02E-OE1413	13	25	1
D02E-OE1414	14	25	1
D02E-OE1415	15	25	1
D02E-OE1416	16	25	1
D02E-OE1417	17	25	1
D02E-OE1418	18	25	1
D02E-OE1419	19	25	1
D02E-OE1421	21	25	1
D02E-OE1422	22	25	1
D02E-OE1424	24	25	1
D02E-OE1427	27	31.5	1
D02E-OE1430	30	31.5	1
D02E-OE1432	32	31.5	1

D02E-RE14 Series

Insert Ring End Wrenches (14x18)



14x18

CODE NO	mm	mm	
D02E-RE1413	13	25	1
D02E-RE1414	14	25	1
D02E-RE1415	15	25	1
D02E-RE1416	16	25	1
D02E-RE1417	17	25	1
D02E-RE1418	18	25	1
D02E-RE1419	19	25	1
D02E-RE1421	21	25	1
D02E-RE1422	22	25	1
D02E-RE1424	24	25	1
D02E-RE1427	27	31	1
D02E-RE1430	30	31	1
D02E-RE1432	32	31	1

04 Torque Wrenches

Torque Wrenches

D03F-31 Series

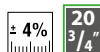
3/4" Drive Duo Torque Wrenches (Etch Scaled)

DIN/EN ISO 6789



Click type with reversible ratchet (48-tooth), Nm / lbf.ft etch scale, CW/CCW direction, pull down chuck scale setting/locking, supplied in plastic case

Individual calibration certificate to DIN ISO 6789



CODE NO	Nm	mm	
D03F-3155	110-550	918	1
D03F-3175	150-750	1125	1
D03F-3110	200-1000	1200	1

D03F-31R

Ratchet Renewal Kit (for D03F-31 Series)



CODE NO		
D03F-31R	3/4"	1

D03-21 Series

1/2" Drive CLASSIC Torque Wrenches

DIN/EN ISO 6789



Click type with fixed square drive, Nm / kgf.m / lbf.ft / lbf.in etch scale, supplied in plastic case

Individual calibration certificate to DIN ISO 6789



CODE NO	Nm	mm	
D03-2114	25 - 135	556	1
D03-2123	50 - 225	585	1
D03-2133	70 - 330	805	1

D03-21R

Spare Square Drive (for D03-21 Series)



CODE NO		
D03-21R	6"	1

Torque Screwdrivers / Angle Gauges

D32 Series

1/4" Hex. Drive Torque Screwdrivers

DIN ISO 6789 & ASME B107.300-2010

- Tolerance of torque $\pm 6\%$.
- 6.3mm (1/4") Hex drive for bit
- Slipping clutch mechanism.
- Automatic adjustment knob design.
- Easy-to-read laser scale.
- Applied to both clockwise & counterclockwise directions.
- Ergonomic comfort rubber grip.



new



CODE NO	Nm	Graduation	mm	
D32-14B012	0.1 ~ 1.2	0.01	180	1
D32-14B060	1 ~ 6	0.1	195	1

1 Head:

6.3mm (1/4") Hex drive for bit

2 Reliable Mechanism:

Press the locking when adjusting the torque, release and automatically lock at desired torque. The slipping clutch mechanism prevents over tightening.

3 Scales:

Easy to read laser scale, bespoke scaling possible on demand.

4 NBR Handle:

Ergonomic shape allowing a non-slip comfort grip.

5 End Cap:

Standard or customized poly design cap.

Application



D06-21

1/2" Drive Torque Angle Gauge



For angle controlled tightening with 1/2" torque wrenches



CODE NO	mm	
D06-21	52	1

D06-31

3/4" Drive Torque Angle Gauge



For angle controlled tightening with 3/4" torque wrenches



CODE NO	mm	
D06-31	90	1

Torque Multipliers

D20HR Series

Torque Multipliers (High Ratio)

Double planetary-gear-carriers allow for high load capacity.
With high ratio gearbox up to 26:1, multiplication accuracy $\pm 5\%$.
High ratios ideal for replacing long lever arms and heavy wrenches.
Supplied with 2 different reaction bars.
Anti-backlash mechanism for safety and comfortable operation.



CODE NO	MAX RATED OUTPUT (Nm)	 	
D20HR-300	3000	1/2 - 1	1
D20HR-450	4500	1/2 - 1	1

Max Rated Input:
D20HR-300: 200 Nm (Ratio: 15.5:1)
D20HR-450: 180 Nm (Ratio: 26:1)



Max Rated Output:
D20HR-300: 3000 Nm (Ratio: 15.5:1)
D20HR-450: 4500 Nm (Ratio: 26:1)

D20-P Series




Torque Multiplier Sets

For reducing the effort needed to apply high torque, planetary gear mechanism, supplied with 2 reaction arm styles for maximum versatility
P2131 max input: 500 Nm max output: 1.500 Nm
P3141 max input: 1.000 Nm max output: 3.000 Nm



YouTube Clip



CODE NO	 	
D20-P2131	1/2 - 3/4	1
D20-P3141	3/4 - 1	1

