



CONTROL AND MEASURING TOOLS

Each new day sets its own measures.

WHAT DEFINES A TASK AS EXACTING?

The accuracy of the measuring tools--befitting the purpose!

Unior measuring tapes, torque wrenches with overload protection, vernier callipers (digital as well), spirit levels, try-squares, mason's levels and feeler gauges are excellent representatives of accurate measuring instruments, without which a successful planning and execution of work is simply impossible to imagine.

Unior measuring tools are precise and at the same time simple to use – both in general measurements with classic measuring tapes in different variants as well as in specific masonry and locksmith works, in gauging threads, etc. Their use is test-safe.

Unior precision tools are available in classic variants and state-of-the-art digital versions with added timers and other features. All tools are designed and manufactured in accordance with the current international standards.

FEATURES OF UNIOR TORQUE TOOLS



- * all models are fitted double ended ratcheting spindles
- * all models have overload protection
- * all models have visual signal
- * all models are supplied in durable storage case
- * accordance with the requirements of ISO 6789 standard



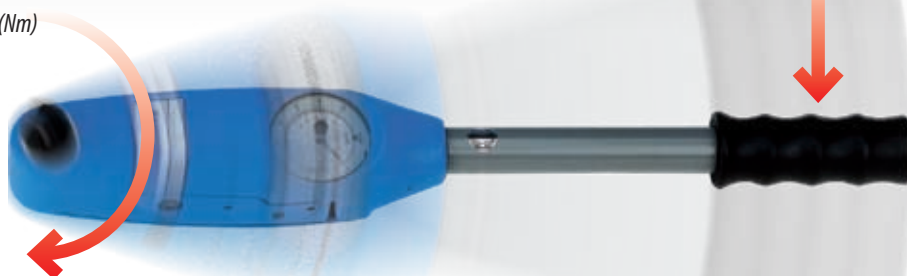
- * reversible ratchet head
- * wrench operates in clockwise and anti-clockwise directions
- * for tightening on left and right hand threads
- * unmistakable signal when set torque is reached
- * dual scale lbf.ft and nm on art. 263 L

Torque wrenches

Unior offers a broad range of professional torque products. Our torque product line ranges from dial torque wrenches, slipper torque wrenches, torque wrenches and industrial torque wrenches. Each torque wrench is manufactured to precise specifications for maximum performance for your torque application.

Each Unior torque wrench includes Calibration Certificate that verifies the actual readings. Unior torque wrenches are certified to meet, and exceed the standards specified in ISO 6789.

Torque (Nm)



Force (N)

Torque (Nm) = Force (N) x Length (m)

What is torque wrench ?

A torque wrench is a wrench used to precisely set the torque of a fastening such as a nut or bolt. It is usually in the form of a socket wrench with special internal mechanisms.

A torque wrench is used where the tightness of screws and bolts is crucial. It allows the operator to measure the torque applied to the bolt so it can be matched to the specifications.

This permits proper tension and loading of all parts. A torque wrench indirectly measures bolt tension. The technique suffers from inaccuracy due to inconsistent friction between the fastener and its mating hole. Measuring bolt tension (bolt stretch) is more accurate but most often torque is the only means of measurement possible.

IMPORTANT!

Always tighten torque wrench in designated direction as shown on label (small label showing torque direction).

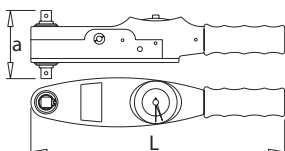
Designated torque can only be applied in direction shown on label. If instructions are not followed torque wrench can be damaged.



1/4"

260 1/4" DIAL TORQUE WRENCH

all models are fitted double ended ratcheting spindles
all models have overload protection
all models have visual signal
all models are supplied in durable storage case



ISO 6789

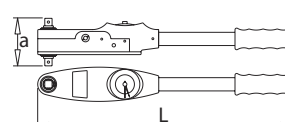
Code	EAN			a	L		
607138	071381	2,4 - 12	4 - 120	61	244	1/4"	520



1/2"

262 1/2" DIAL TORQUE WRENCH

all models are fitted double ended ratcheting spindles
all models have overload protection
all models have visual signal
all models are supplied in durable storage case



ISO 6789

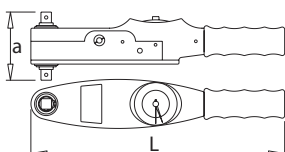
Code	EAN			a	L		
607140	071404	16 - 80	50 - 600	86	435	1/2"	1500



3/8"

261 3/8" DIAL TORQUE WRENCH

all models are fitted double ended ratcheting spindles
all models have overload protection
all models have visual signal
all models are supplied in durable storage case

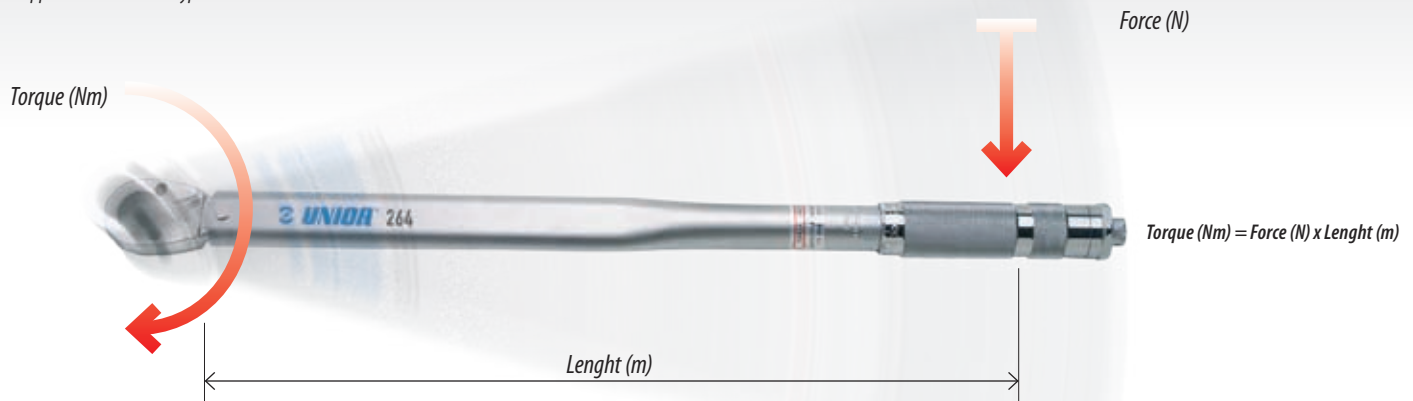


ISO 6789

Code	EAN			a	L		
607139	071398	8 - 40	20 - 360	69	244	3/8"	520

Torque wrench

standard line of torque wrenches bring outstanding reliability, accuracy and unparalleled life, to applications where this type of wrench is most convenient.



STEP BY STEP operating 264 Torque wrench:



1. unscrewing the bottom bolt, to release screw for torque adjustment



2. adjust to designated torque



3. screw back bottom bolt, to fix torque adjustment



4. ADJUST and START tightening (prescribed torque direction)
5. when you hear audio signal (click), the designated torque is reached - STOP TIGHTENING!

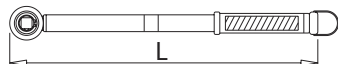
IMPORTANT!

Always tighten torque wrench in designated direction as shown on label (small label showing torque direction). Designated torque can only be applied in direction shown on label. If instructions are not followed torque wrench can be damaged.



263 1/2" SLIPPER TORQUE WRENCH

reversible ratchet head wrench operates in clockwise and anti-clockwise directions for tightening on left and right hand threads
unmistakable signal when set torque is reached



ISO 6789

Code	EAN	Nm	lbf.ft	L		
607152	071527	8 - 54	5 - 40	280	1/2"	800
607150	071503	30 - 150	20 - 110	420	1/2"	1000
607151	071510	50 - 230	40 - 170	534	1/2"	1600



263 L 1/2" SLIPPER TORQUE WRENCH

all models are fitted double ended ratcheting spindles
all models have overload protection
all models have visual signal
all models are supplied in durable storage case
dual scale lbf.ft and Nm



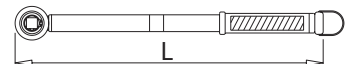
ISO 6789

Code	EAN	Nm	lbf.ft	L		
607948	079486	60 - 330	45 - 250	675	1/2"	1440



264 SLIPPER TORQUE WRENCHES

reversible ratchet head wrench operates in clockwise and anti-clockwise directions for tightening on left and right hand threads
unmistakable signal when set torque is reached



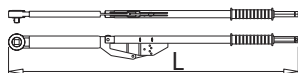
ISO 6789

Code	EAN		Nm	lbf.ft	L	
615485	154855	1/4"	2 - 24	20 - 200	275	750
615486	154862	3/8"	5 - 110	5 - 80	306	1000
615487	154879	1/2"	28 - 210	10 - 150	450	1670
615488	154886	1/2"	35 - 350	25 - 250	635	2330
615489	154893	3/4"	70 - 560	50 - 300	850	3780
615490	154909	3/4"	140 - 700	100 - 500	1060	9000
615491	154916	1"	140 - 980	100 - 700	1120	10000




3/4"
265 3/4" INDUSTRIAL TORQUE WRENCH

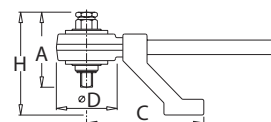
robust construction gives accurate results, to $\pm 4\%$, even in arduous working conditions. every wrench supplied with a calibration certificate according to ISO 9000:2000; the large break angle improves accuracy by reducing the possibility of over torquing; Cam control of the mechanism gives a controlled break which will not throw the operator off balance dual scaled, N.m and lbf.ft


ISO 6789

Code	EAN		Nm	lbf.ft	L	
616801	168012	3/4"	150 - 700	100 - 500	1090	6300
616802	168029	3/4"	200 - 800	150 - 600	1140	6400
616803	168036	3/4"	300 - 1000	200 - 750	1470	7300


280 TORQUE MULTIPLIER

5:1 torque multiplication, accuracy guaranteed better than $\pm 4\%$ supplied with two reaction bar styles for maximum versatility Robust construction means minimal maintenance and long life Supplied in a carrying case. Ideal for inclusion in the heavy vehicle tool kit

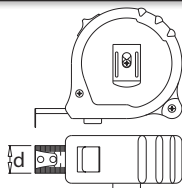


Code	EAN	Nm	lbf.ft	Ratio	Input	Output	D	A	C	H	
616804	168043	1300	960	5:1	1/2"	3/4"	108	126	210	180	5100
616805	168050	2700	2000	5:1	3/4"	1"	108	128	210	186	5100



**710 P** MEASURING TAPES

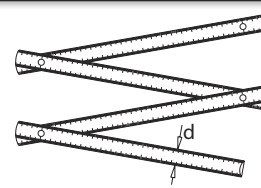
plastic double component casing
with stop and clip



Code	EAN	m	ft	d	
612131	121314	2	0	16	101
612132	121321	3	0	16	123
612133	121338	5	0	19	212
612134	121345	8	0	25	447
612135	121352	10	0	25	499
612784	127842	2	6	16	101
612785	127859	3	10	16	123
612786	127866	5	16	19	212
612787	127873	8	26	25	447
612788	127880	10	33	25	499

**710 W** FOLDING RULE

beech wooden folding rules
mm - graduation printed in both sides
precision to class III



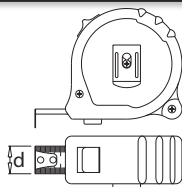
Code	EAN	m	d	
609365	093659	2	16	110

710S19 SET OF MEASURING TAPES ON CARTON DISPLAY

Code	EAN		
613071	130712	19	2908

**710 R** MEASURING TAPES

plastic double component casing
with stop and clip



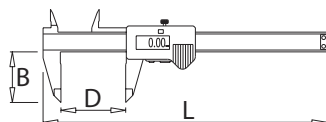
Code	EAN	m	ft	d	
612789	127897	2	0	16	100
612790	127903	3	0	16	120
612791	127910	5	0	19	170
612792	127927	8	0	25	400
612793	127934	2	6	16	100
612794	127941	3	10	16	120
612795	127958	5	16	19	170
612796	127965	8	26	25	400



Art.	Dim.	
710P	2 m	5
710P	3 m	10
710P	5 m	4


270 DIGITAL VERNIER

resolution: 0,02mm/0,001"
measuring speed: 1.5m/sec
function: measurement of internal dimensions, of external dimensions, of depth, of steps

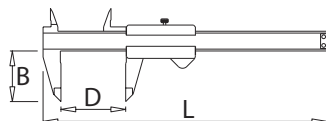


DIN 862

Code	EAN	D	B	L	
612034	120348	0 - 150	40	235	150


271 VERNIER

resolution: 0,02mm/0,001"
function: measurement of internal dimensions, of external dimensions, of depth, of steps



DIN 862

Code	EAN	D	B	L	
612035	120355	0 - 150	40	235	135


701 FEELER GAUGES

certificate of conformity; stainless steels

DIN 862

Code	EAN	diameter	Pcs/Set
601896	018966	0,05 - 0,5	8
601897	018973	0,05 - 1	13
601898	018980	0,05 - 1	20

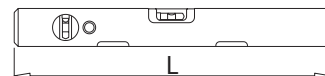

701A SCREW PITCH GAUGES

certificate of conformity
stainless steels
for outside and inside measurements
metric-thread: 0,4-7 (28 gauges)
whitworth - thread: 4 - 62 (20 gauges)

Code	EAN	Pcs/Set
616706	167060	48


1250 ALU-SPIRIT LEVELS

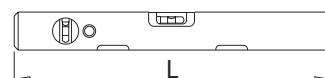
quality aluminium profile, dimension 48x22mm
silver eloxated
fitted with shock-proof plexi vials
accurate to 0.5 mm/m
accurate electronically tested



Code	EAN	L	
610716	107165	300	220
610717	107172	400	270
610718	107189	500	340
610719	107196	600	380
610720	107202	800	510
610721	107219	1000	600
610722	107226	1200	680
610723	107233	1500	900
610724	107240	2000	1200


1252 ALU-SPIRIT LEVELS WITH MAGNET

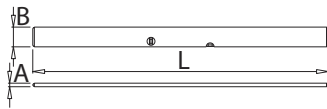
quality aluminium profile, dimension 48x22mm
silver eloxated
fitted with shock-proof plexi vials
accurate to 0.5 mm/m
accurate electronically tested
the measuring surface is equipped with two magnets



Code	EAN	L	
610725	107257	400	270
610726	107264	500	340
610727	107271	600	380
610728	107288	800	510
610729	107295	1000	600

**1270 MASON'S STAFFS**

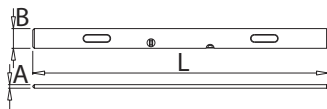
special aluminium profile
at the end protected with plastic inserts
with two vials
used for measuring and flattening of bigger
vertical and horizontal surfaces in construction



Code	EAN	L	B	A	
610745	107455	2000	100	18	1800
610746	107462	2500	100	18	2300
610747	107479	3000	100	18	2700
610748	107486	4000	100	18	3600

**1272 MASON'S PROFILES**

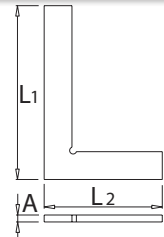
special aluminium profile
with two handle and two vials
used for working front, pavement, roughcast, first
of all for easier and accurate work in construction



Code	EAN	L	B	A	
610751	107516	1000	100	18	900
610752	107523	1500	100	18	1350
610753	107530	2000	100	18	1800
610754	107547	2500	100	18	2300
610755	107554	3000	100	18	2700
610756	107561	4000	100	18	3600

**1260 TRY SQUARES**

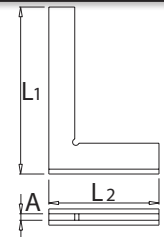
material: constructional steel
measuring faces are finely ground
accurate: $0,01425^\circ = 0,25\text{mm/m}$



Code	EAN	L1	L2	A	
610730	107301	125	85	5	180
610731	107318	150	100	5	210
610732	107325	200	130	5	390
610733	107332	250	165	5	490
610734	107349	300	200	5	560

**1260 A TRY SQUARES WITH BACK**

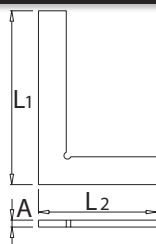
material: constructional steel
measuring faces are finely ground
accurate: $0,01425^\circ = 0,25\text{mm/m}$
back are screwed on the short leg



Code	EAN	L1	L2	A	
610735	107356	125	85	5	180
610736	107363	150	100	5	210
610737	107370	200	130	5	390
610738	107387	250	165	5	490
610739	107394	300	200	5	560


1262 MASON'S SQUARES

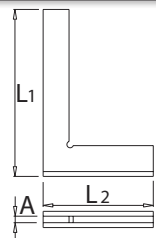
material: constructional steel
surface finish: zinc plated
accurate: $\pm 0,0285^\circ = 0,5\text{mm/m}$



Code	EAN	L1	L2	A	
610740	107400	125	85	5	180
610741	107417	150	100	5	210
610742	107424	200	130	5	390
610743	107431	250	160	5	490
610744	107448	300	175	5	560


1262 A MASON'S SQUARES WITH BACK

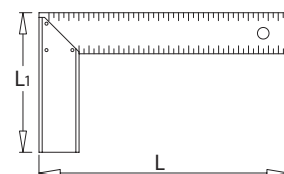
material: constructional steel
surface finish: zinc plated
accurate: $\pm 0,0285^\circ = 0,5\text{mm/m}$
back are screwed on the short leg



Code	EAN	L1	L2	A	
617154	171548	125	85	5	250
617155	171555	150	100	5	300
617156	171562	200	130	5	390
617157	171579	250	160	5	570
617158	171586	300	175	5	650


1263 TRY SQUARE

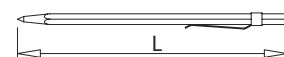
measuring blade made from hardened spring steel, $40 \times 1,2\text{mm}$, with mm – graduation
The support blade made of black anodized aluminum profile, I-form $40 \times 14\text{mm}$
Accuracy: $0,5\text{mm/m}$



Code	EAN	L1	L	
617693	176932	250	135	180
617694	176949	300	135	200
617695	176956	350	190	270
617696	176963	400	190	290
617697	176970	500	210	330


1279 SCRIBER

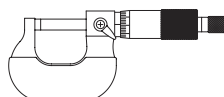
made from quality steel
equipped with pocket clip
with a point made of high-alloyed steel that assures long life of drawing on different hard grounds



Code	EAN	L	
617692	176925	150	37

**272 EXTERNAL MICROMETER**

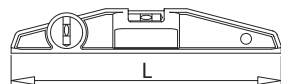
made of quality casting. Measuring surface made of hardened alloy spindle 6,5mm dia., with locking lever and ratchet according to DIN 863 measuring range 0 - 25mm, minimal reading 0,01mm



Code	EAN	range	
617698	176987	0 - 25	202

**1253 TORPEDO SPIRIT LEVEL**

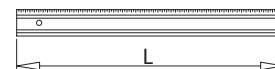
casing made of high aluminium alloy Al Si12 with 2 vials with milled measuring surface Accuracy: 0,5mm/m



Code	EAN	L	
617699	176994	300	336
617700	177007	400	435
617701	177014	500	534
617702	177021	600	640

**1280 FLAT RULE**

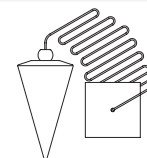
made of silver anodized aluminium profile cross section 60 x 5 mm with facet with one side mm-graduation



Code	EAN	L	
617703	177038	400	256
617704	177045	500	319
617705	177052	600	383
617706	177069	800	508
617707	177076	1000	630

**1290 PLUMB**

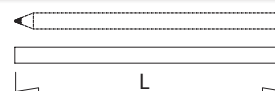
made from quality steel with 4 meter long string



Code	EAN	
617725	177250	170

**1299 CARPENTER'S PENCIL**

made from quality wood graphite hardness HB



Code	EAN	L	
617724	177243	180	7