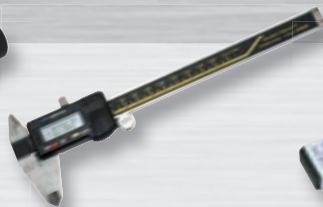


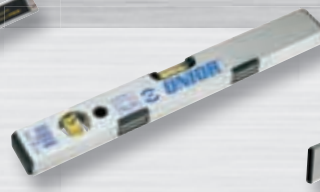
# Measuring tools



Torque wrenches



Vernier calipers



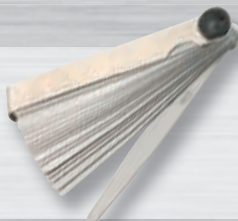
Spirit levels



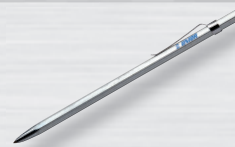
Mason's profiles



Try squares



Feeler gauges



Other measuring tools

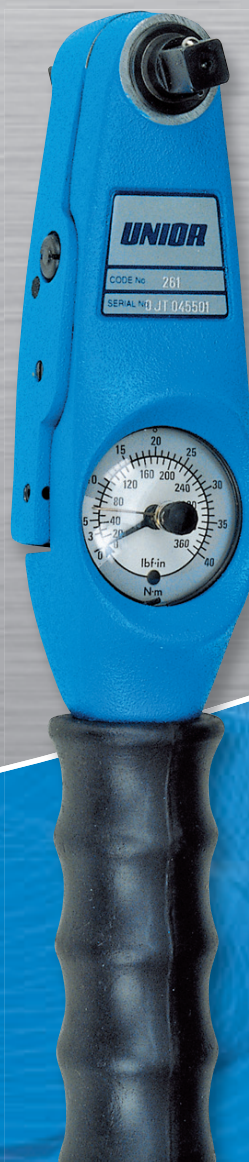


Measuring tapes



## Accuracy in measurement

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.



## Test-safe use

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.



## Multiple versions

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.

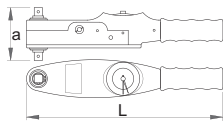
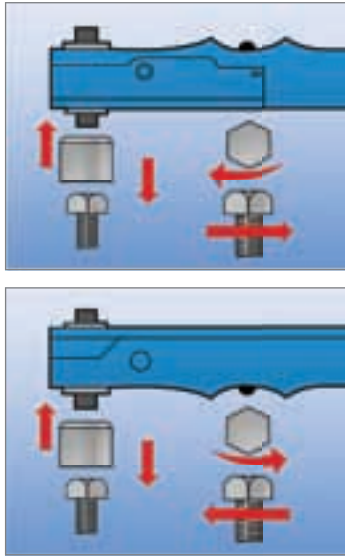


260

**Dial torque wrench 1/4"**

1/4"

- double ended ratcheting spindles
- with overload protection
- visual signal by pointer, when set torque is reached
- supplied in durable storage case
- made according to standard ISO 6789
- Default value for the recalibration interval is 12 month of use, or approximately 5.000 cycles!
- dual scale lbf.ft and Nm



			a	L	
607138	2.4 - 12	4 - 120	61	244	1/4"

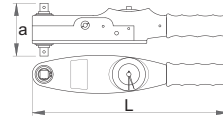


261

**Dial torque wrench 3/8"**

3/8"

- double ended ratcheting spindles
- with overload protection
- visual signal by pointer, when set torque is reached
- supplied in durable storage case
- made according to standard ISO 6789
- Default value for the recalibration interval is 12 month of use, or approximately 5.000 cycles!
- dual scale lbf.ft and Nm



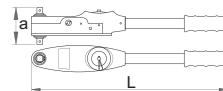
			a	L	
607139	8 - 40	20 - 360	69	244	3/8"

262

**Dial torque wrench 1/2"**

1/2"

- double ended ratcheting spindles
- with overload protection
- visual signal by pointer, when set torque is reached
- supplied in durable storage case
- made according to standard ISO 6789
- Default value for the recalibration interval is 12 month of use, or approximately 5.000 cycles!
- dual scale lbf.ft and Nm



			a	L	
607140	16 - 80	50 - 600	86	435	1/2"

263B

**Slipper torque wrench 1/2"**

1/2"

- Accuracy: +/-3%
- micrometer scale for simple and error free settings
- adjustment lock to set torque
- Torque apply: oneway, but always apply in direction specified on torque wrench handle
- ratchet: works both way, 75teeth and 5°turn angle
- handle: Two component material
- Default value for the recalibration interval is 12 month of use, or approximately 5.000 cycles!

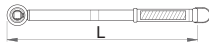


			L	
620109	8 - 50	8 - 35	280	1/2"

263A

Slipper torque wrench 1/2"

- Accuracy: +/-3%
- micrometer scale for simple and error free settings
- adjustment lock to set torque
- torque apply: both way, but always apply in direction specified on torque wrench handle
- handle: Two component material
- Default value for the recalibration interval is 12 month of use, or approximately 5.000 cycles!

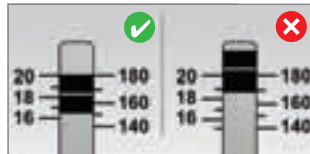


Barcode	Nm	lbf.ft	L	Color
620110	30 - 150	20 - 110	455	1/2"
620111	50 - 250	40 - 185	560	1/2"

263L

Slipper torque wrench 1/2"

- double ended ratcheting spindles
- with overload protection
- visual signal by pointer, when set torque is reached
- supplied in durable storage case
- dual scale lbf.ft and Nm
- Default value for the recalibration interval is 12 month of use, or approximately 5.000 cycles!
- made according to standard ISO 6789

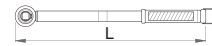


Barcode	Nm	lbf.ft	L	Color
607948	60 - 330	45 - 250	675	1/2"

264

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
- Default value for the recalibration interval is 12 month of use, or approximately 5.000 cycles!
- made according to standard ISO 6789



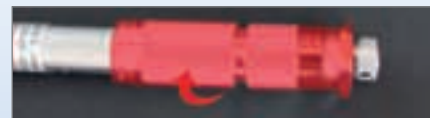
Barcode	Color	Nm	lbf.ft	L
615485	1/4"	2 - 24	20 - 200	275
615486	3/8"	5 - 110	5 - 80	306
615487	1/2"	28 - 210	10 - 150	450
615488	1/2"	35 - 350	25 - 250	635
615489	3/4"	70 - 560	50 - 300	850
615490	3/4"	140 - 700	100 - 500	1060
615491	1"	140 - 980	100 - 700	1120

264 USE

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!



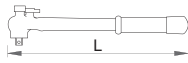
## 264VDEDP

### Insulated torque wrench 1/2"

- double layered - double coloured insulation enable additional safety
- if second layer is visible, replace your VDE tool with the new one.
- made according to standard EN60900

1000V  
IEC 60900:2004

1/2"



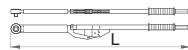
Barcode	Nm	lbf.ft	L
619120	5 - 50	5 - 35	375
619121	20 - 100	20 - 70	470
619122	40 - 220	30 - 160	540

## 265

### Industrial torque wrench 3/4"

- robust construction gives accurate results, to +/-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
- made according to standard ISO 6789

3/4"



Barcode	Size	Nm	lbf.ft	L
616801	3/4"	150 - 700	100 - 500	1090
616802	3/4"	200 - 800	150 - 600	1140
616803	3/4"	300 - 1000	200 - 750	1470

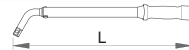


## 267A

### Pre-set torque wrenches for cars

- material: chrome vanadium
- guaranteed to meet ISO 6789, ANSI 107.14M and U.S. Fed GGG-W-686D
- torque is preset
- easy to use and calibrate
- factory calibrated for accuracy to within +/-4%

1/2"



Barcode	Nm	lbf.ft	Color	L
618915	90	66.4	Black	400
618916	100	73.7	Yellow	400
618917	110	81.1	Grey	400
618918	120	88.5	Red	400
618919	130	95.9	Blue	400

## 267B

### Pre-set torque wrenches for trucks

- material: chrome vanadium
- guaranteed to meet ISO 6789, ANSI 107.14M and U.S. Fed GGG-W-686D
- torque is preset
- easy to use and calibrate
- factory calibrated for accuracy to within +/-4%

3/4"

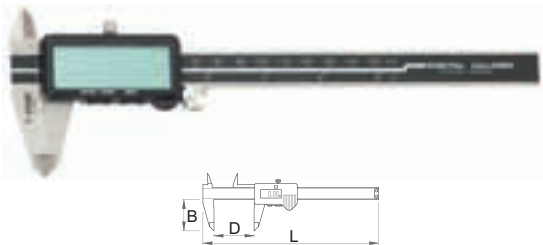
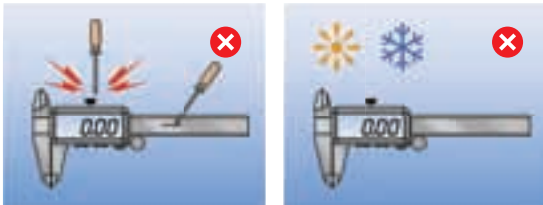


Barcode	Nm	lbf.ft	Color	L
618920	400	295	Green	950
618921	450	332	Purple	950
618922	500	369	Brown	950
618923	550	406	Blue	950
618924	600	442	Orange	950

## 270A

### Digital vernier

- accuracy: 0,02mm/0,001"
- measuring speed: 1.5m/sec
- function: measurement of internal dimensions, of external dimensions, of depth, of steps
- made according to standard DIN 862

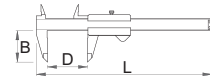


619881	D	B	L
	0 - 150	40	235

## 271

### Vernier

- accuracy: 0,02mm/0,001"
- function: measurement of internal dimensions, of external dimensions, of depth, of steps
- made according to standard DIN 862

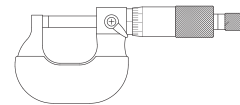


612035	D	B	L
	0 - 150	40	235

## 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
- made according to standard DIN 863

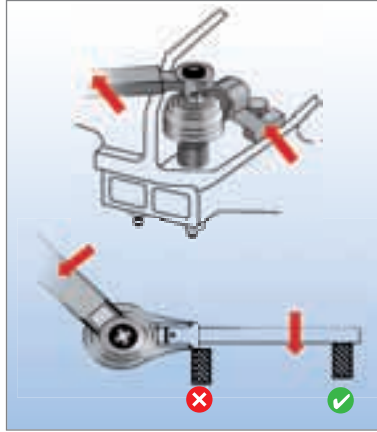
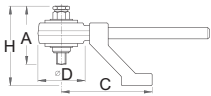


617698



**Torque multiplier**

- 5:1 torque multiplication, accuracy guaranteed better than +/-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



Barcode	Nm	Input	Ratio	Socket	Drive	D	A	C	H
616804	1300	960	5 : 1	1/2" (32mm)	3/4"	108	126	210	180
616805	2700	2000	5 : 1	3/4" (36mm)	1"	108	128	210	186

**300/5**

**Tyre lever**

- material: chrome vanadium
- forged
- hardened and tempered
- surface finish: zinc plated
- drop forged, entirely hardened and tempered

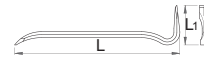


Barcode	L
617661	200
601755	300
601756	400
601757	500

**300/6B**

**Carpenter's lever**

- material: special tool steel
- lacquered



Barcode	L	L1	Socket
608815	500	120	18
608816	600	120	18
608817	800	120	18
608821	1000	120	20

**300/5A**

**Tyre lever**

- material: chrome vanadium
- surface finish: zinc plated
- drop forged, entirely hardened and tempered



Barcode	L
601758	537

**300/5C**

**Tyre lever with handle**

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- ergonomic heavy duty double component handle



Barcode	L	a x b
613103	320	1.1 x 13
613104	410	1.5 x 15
613105	610	1.5 x 21

### 300CCB

#### Set of tyre lever with handle

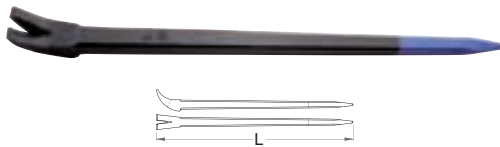


Barcode	Nº	Hand icon
613106	300CCB	3
300/5C (320, 410, 610)		

### 300/6E

#### Two crow bar

- material: special tool steel
- lacquered
- drop forged, entirely hardened and tempered



Barcode	Quantity	L
617782	4	700
617783	5	800
617784	6	900
617785	8	1100
617786	10	1200
617787	12	1300

### 352/6PB

#### Tube bending set



Barcode	Nº	Hand icon
621533	352/6PB	10 - 22 / 11

352.1/6, 352.2 (10, 12, 14, 15, 16, 18, 20, 22), 352.3 (10, 12 - 22)

### 352.1/6

#### Bending pliers

- housing from special alloy
- step bending mechanism
- quick release system



Barcode	Product Code
621534	621534

### 352.2

#### Bending adapter



Barcode	Product Code
621535	10
621536	12
621537	14
621538	15
621539	16
621540	18
621541	20
621542	22
621543	3/8"
621544	1/2"
621545	5/8"
621546	3/4"
621547	7/8"

### 352.3

#### Bending back



Barcode	Product Code
621548	12 - 22
621549	10



### 355/6

#### Tube flaring tools

- housing from AL-alloy, lacquered
- housing and jaw drop forged from special tool steel
- nickel plated jaws, other parts with anticorrosion protection
- For making different adapters on copper tubes. Possible edging under 45 or 90°.
- for 90°. First use 45°.
- code 601100 for flaring tubes 4.75, 5, 6, 8, 10, 12, 14
- code 618465 for flaring tubes 10, 12, 14, 16, 18, 20, 22
- code 620112 for flaring tubes 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8"



601100

618465

620112

### 358/6

#### Tube cutter

- material: aluminium alloy housing
- for copper, brass, aluminium and tin walled steel tubes
- new model - small turning radius
- replaceable parts: cutting wheels and rollers



601101



3 - 16

B

36.5

A

20.5

E

18

L  $\tilde{}$

50



### 358.1/7

#### Cutting wheel for 358/6



601102

### 358.2/5

#### Spare roller for 358/6

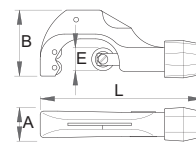


601103

### 360/6

#### Tube cutter

- cutting wheels and rollers from special steel, oil hardened
- lacquered housing
- spare cutter in handle
- replaceable parts: cutting wheels and rollers



601104



3 - 32

B

55

E

19

A

28

L  $\tilde{}$

135

602080

6 - 67

94

18

38

287

### 360.1/7

#### Spare cutting wheel for 360/6



601105



3 - 32

621249

6 - 67

### 360.2/5

#### Spare roller for 360/6



601106



3 - 32

616498

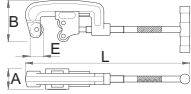
6 - 67



### 361/6

#### Tube cutter

- lacquered housing
- rollers oil hardened



Barcode	Ⓜ	B	A	E	L
601108	1/8" - 2"	106.5	48.5	32	455
602592	1.1/4" - 4"	162	53	42	640



### 361.1/7

#### Spare cutting wheel for 361/6



Barcode	Ⓜ
601109	1/8" - 2"
602683	1.1/4" - 4"

### 361.2/7

#### Spare rollers for 361/6

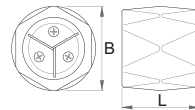


Barcode	Ⓜ
601111	1/8" - 2"
603393	1.1/4" - 4"

### 363

#### Internal - external reamer

- elimination of burrs on interior and exterior tube edges
- plastic housing
- cutting blades from special tool steel, oil hardened



Barcode	Ⓜ	B	L
601112	4 - 36	50	46

### 370

#### Tube cutting and flaring set in plastic box

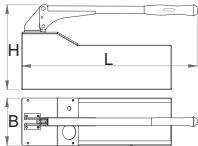


Barcode	Nº	Ⓜ
601099	370	3
355/6, 360/6, 363		

375/6

**Test pump for water connection**

- it is used for pressure and leak testing on water and heating installations to pre-scribed pressure max 50 bar
- maximal capacity - 12 litres
- made with anticorrosive material



602600	L	B	H
602600	605	160	286.5

382

**Round cable stripper**

- for round and continental type of cables from 8 to 13 mm<sup>2</sup>
- flush stripping even in hard - to - reach areas
- no adjustment of the cutting depth necessary



610927	8 - 13
610927	8 - 13



380

**Wire stripper**

- fully insulated automatic wire stripper for all common stranded and solid conductors of 0, 2-6mm<sup>2</sup>
- adjustable length stop of 5-12 mm
- easily accessible built - in side cutter for max. 2mm



610925	0.2 - 6
610925	0.2 - 6

384

**Coax cable stripper**

- two or three - level stripping of all common coaxial cables (antenna and transmission cables) of 4,8 - 7,5mm<sup>2</sup> and round cables (3x0, 75mm<sup>2</sup>, 10mm<sup>2</sup>, 16mm<sup>2</sup>)
- no adjustment of the cutting depth necessary



610929	4.8 - 7.5
610929	4.8 - 7.5

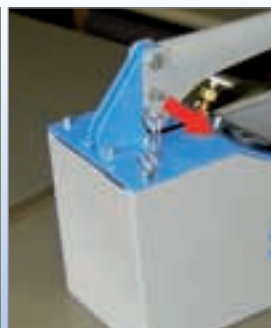
375/6 USE



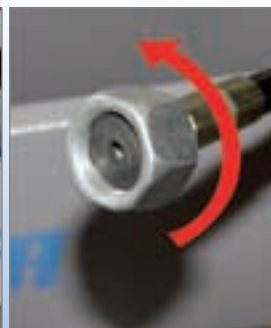
close valve



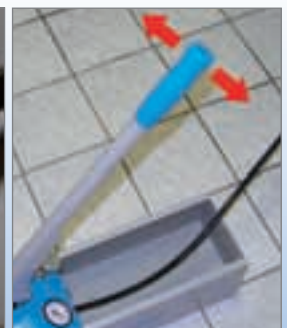
pour water



remove locking pin



connect outlet hose



start pumping

### 385H

#### Cable stripper with hook knife

- accurate, fast and safe stripping of all common round cables of 4-28 mm<sup>2</sup>
- no damage of the inner conductors can occur due to infinitely variable adjustment of the cutting depth
- the swivel blade automatically turn from circular to longitudinal cut
- inside of handles are spare swivel blade



610930



4 - 28



### 385VDE

#### Insulated knife

1000V  
IEC 60900:2004



615494

L

180



### 385G

#### Cable stripper with straight knife

- accurate, fast and safe stripping of all common round cables of 4-28 mm<sup>2</sup>
- no damage of the inner conductors can occur due to infinitely variable adjustment of the cutting depth
- the swivel blade automatically turn from circular to longitudinal cut
- inside of handles are spare swivel blade



610931



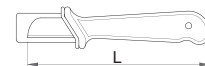
4 - 28



### 385AVDE

#### Insulated knife

1000V  
IEC 60900:2004



619101

L

140

### 385BVDE

#### Insulated knife

1000V  
IEC 60900:2004



619102

L

140

