



**SAFE WORK  
AT HEIGHTS**

**HIGHLY EFFICIENT  
SOLUTIONS**



# ***HIGHLY EFFICIENT SOLUTIONS***



*Working at heights involves high levels  
of risk, so nothing can be left to chance.*

*Unior – a synonym for high-quality  
hand tools, presents a line of tools  
specially adapted for working  
at heights in order to avoid  
dangerous falls.*

***SAFE WORK  
AT HEIGHTS***

## HIGH-QUALITY TOOLS FOR SAFE WORK AT HEIGHTS



*100 years of experience* have taught us that not every tool is appropriate for every job. This is particularly true when working at heights, such as working on **tall structures**, **power lines**, in the **nuclear industry**, the **petrochemical industry** and on **oil platforms**. Tools falling from heights can be hazardous to both workers and the equipment, and can lead to major financial costs. Therefore we have modified our standard tools so they are suitable for working at heights.

**TOOLS FOR WORKING AT HEIGHTS ARE STANDARD TOOLS EQUIPPED WITH ATTACHMENT POINTS. SECURED TOOLS SIGNIFICANTLY INCREASE JOB SAFETY.**



*Unior's tools for working at heights have been designed to preserve the tools' **basic functions, ergonomics** and **utility**, or to reduce them to the smallest possible extent.*

**LONGSTANDING TRADITION > EXPERTISE >  
MODERN TECHNOLOGICAL SOLUTIONS >  
HIGH-QUALITY PRODUCTS**



## REDUCE RISK, CHOOSE THE RIGHT TOOL

Falling tools can be extremely dangerous, since falling increases their impact force. The impact force can be up to **one hundred times the weight of the tool**.

Falling tools can land on anyone and can have extremely negative consequences for the company carrying out the work as well as the company for which the work is being done. Furthermore, in addition to injuries, falling tools can be damaged upon impact. When a tool is destroyed the worker has to descend from the height in order to replace the tool, which is very time-consuming.

*If a tool is dropped, work can continue only after you have ensured that the impact has not affected the tool's functioning and there is no damage to the lanyards, carabiners, attachment rings or work belt, or any damage to the point where the attachment is secured or anchored.*

## WORK BELT

Unior tools for work at heights are designed to be used with a tested work belt with built-in **tool attachment rings**. The belt is opened and attached with a clip which requires a three-point grip, which prevents unwanted release.

## ADDED VALUE WITH UNIOR'S SIGNATURE

When developing its tools for working at heights, Unior consulted with numerous **professionals and companies working in the area of tool safety and job safety**. All of the tools designed for working at heights and protection against falls

have been tested according to type. When manufacturing and testing the tools, design solutions have been employed which provide the highest possible level of safety.

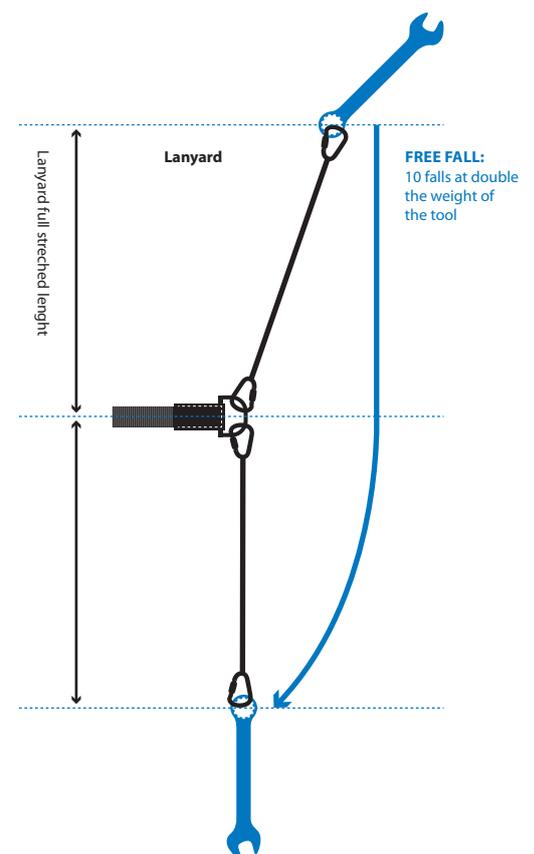
*Static and dynamic tests are performed on the tool types depending on the characteristics of the possible loads. Each tool and its attachment ring is tested at a load factor which is twice the tool's load rating, meaning that the tool can withstand a falling load of twice the weight of the individual tool.*

### Static testing method

The tool is affixed to a structure. The attachment and the ring are loaded for a given amount of time at a given load.

### Dynamic testing method

After static testing, the attachment, the ring and the tool are subjected to dynamic loads which appear in falls at various weights.



# TYPES OF ATTACHMENTS FOR TOOLS FOR WORKING AT HEIGHTS

If several tools are attached to a single attachment, the total weight of all of the parts must be taken into account.

1



## Rotating attachment

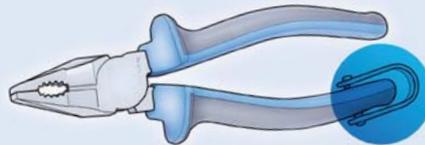
prevents twisting of lanyards and other attachment devices.

2



Non-removable riveted metal ring that slides along the tool allows use of both ends of tool.

3



## Attachment through metal part of tool

not just through the PVC handle which is glued to the tool, but with a non-removable riveted metal ring; this provides additional assurance that the casing will not detach in extreme conditions.

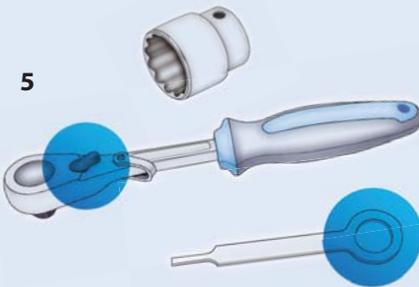
4



## Fixed attachment point

non-removable riveted metal ring attached through the metal part of the tool, provides additional safety for heavy tools.

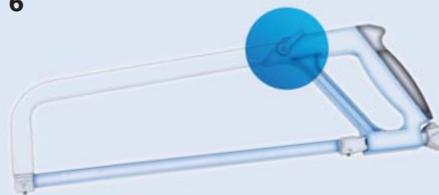
5



## Safety socket wrenches

the ratchet or T-handle is equipped with a non-removable riveted metal ring which is attached through the metal part of the tool. The connection between the wrench and the accessories is secured not with a ball bearing but with a pin which cannot be removed without a special tool, and cannot be released unintentionally; sockets are switched in a safe area using a special tool.

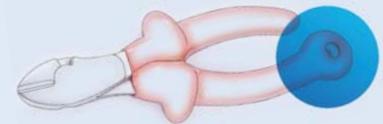
6



## Safety saws

specific tool attachment for working at heights useful for numerous applications when working at heights, with a non-removable riveted metal ring which is attached through the metal part of the tool. The saw blade is not secured, which in theory does not constitute a major danger, since its weight is low and its shape does not allow it to reach high speeds during a fall.

7



## VDE

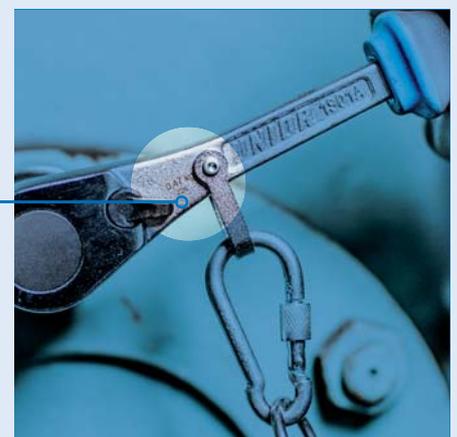
the attachment point on the tool is made in accordance with the requirements of the VDE standard, which allows safe work at high voltage. The use of metal carabiners and lanyards with metal rings on the tool attachment end is prohibited.

## Tool weight

Tool weight data allow workers to calculate how much load can be placed on the attachment elements and on themselves.

## Traceability of production

These markings allow Unior to determine when the tool was made, the batch number and what quality controls were carried out.



# RECOMMENDATIONS FOR WORKING AT HEIGHTS

Workers must be **qualified for working at heights** with respect to the laws in the individual country and the type of work to be done.

## *Risk analysis*

Before commencing work, a **risk analysis** has to be conducted. The results of the risk analysis have to be factored in to the preparation of the worksite and equipment.

## *Safety equipment*

Workers have to **ensure their personal safety before commencing work**. All tools and all equipment required for the adequate securing of all tools intended to be used at a given time when working at heights must be prepared in advance.

## *Equipment maintenance*

Workers must familiarise themselves with the **work instructions** and **equipment maintenance** instructions before commencing work. Tools have to be inspected in order to ensure that there is no damage to the tools or attachment elements resulting from transport or prior use. Damaged tools and equipment may not be used when working at heights.

## *Maximum tool weight*

The maximum weight of an individual tool for working at heights that a worker can attach to his belt is **2.3 kilograms**. It is recommended that the total weight of the attached tools does not exceed 10 percent of the worker's body weight.

## *Tangled lanyards*

Tool attachments **must not become tangled**. If the attachments become tangled the worker has to descend to a safe place and arrange the tools correctly.

## *Damage to personal protective equipment*

Workers must ensure that tools for working at heights **do not damage their personal protective equipment**.

# CHOOSE SAFETY AND QUALITY

In order to ensure your own safety, choose Unior high-quality, tested and safe tools for working at heights. Unior's range includes more than 200 different tools and accessories.

# PURPOSE OF USE

## *Not just so you don't lose your tools*

The first thing to do if a tool falls from height is to **prevent injuries to other persons**, therefore you have to ensure that there are no people within the range of the attachment used to secure the tool for working at heights.

*How to measure the range of the tool attachment: A falling tool can swing in a radius of up to 1.9 metres from the attachment point. This area must be clear of all people and equipment that could be injured or damaged in the event of a falling tool.*

**Switching socket wrenches and accessories** is permitted only in secure areas where there is no risk of falling tools.

**Warning when securing saws!** The saw blade is not secured, and neither is the cut part of the workpiece, or nuts that are attached using wrenches.

**Helmets and all other personal protective equipment must be secured** against falls. Workers are responsible for securing their own PPE. They can use any Unior tool attachment device. Before commencing work, they have to make sure that the helmet attachment or any other tool attachment is in working order and safe.

*Warning! Use of these tools is permitted only with Unior carabiners or other certified carabiners. Carabiners of diameter less than 6mm may not be used.*

# CORRECT SWITCHING OF TOOLS



Correct loading of tools on to tool belt.



The carabiner on the lanyard is attached to the ring on the tool. The rings on the tools are large enough to accept 2 carabiners.



The carabiner on the lanyard has to be protected against opening using a lock ring.



Before removing the tool from the belt, unscrew the lock ring on the carabiner on the belt.



Open the carabiner on the belt and remove the tool, which is attached to a lanyard, from the carabiner on the belt. The tool is now ready for use.



Correct attachment of the tool to the lanyard. **Return the tool to the belt following the steps in reverse order.**

## Correct switching of socket elements. Switching is carried out in a secure area.



Use of ratchet. The ratchet does not have a button for switching sockets like a standard ratchet.



Using the socket remover (Article 1111) depress the pin in the hole while removing the socket from the square drive of the ratchet and then switch the socket or extension.



When mounting sockets or extensions make sure that the hole in the socket and the pin on the square drive are aligned. Using the socket remover (Article 1111) depress the pin while attaching the socket. Make sure that the pin clicks into the hole.

## UNIOR IN LEADING EDGE SAFETY

Unior has been working together with Leading Edge Safety from the UK. The company specialises in fall protection, and their hallmarks, which we at Unior also subscribe to, are know-how, professionalism and a wide range of products for the most wide-ranging applications.



Leading Edge is a manufacturer of tethered tool products. First and foremost Leading Edge is a height safety company. It's with this foundation that they're able to design and manufacture world-class safety-critical dropped tool prevention equipment.



### PRODUCT RANGE

- tool wristbands
- tool holsters
- tools lanyards

[www.leadingedgesafety.co.uk](http://www.leadingedgesafety.co.uk)



**TRIPLE  
INSPECTION**



**FULL  
TRACABILITY**



**FIT FOR  
PURPOSE**



**MADE IN THE  
UK**



### TESTED

All Leading Edge products have CE-Approval, manufactured in accordance with the European Council Machine Directive 2006/42/EC.



### RATED

Engineered with Safe Working Loads that exceed minimum requirements.



### SERIALIZED

Every item serialised and logged – for complete traceability of your equipment.



### FULLY CERTIFIED

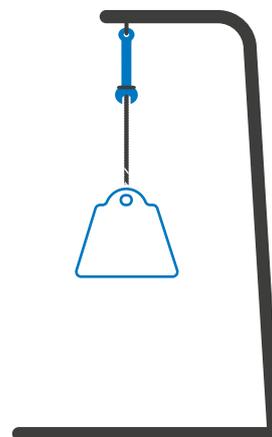
All items come certified with a 'declaration of conformity'.

## TESTING METHODS

All tool safety equipment classified as structurally rated must surpass two rigorous testing methods.

### STATIC TEST

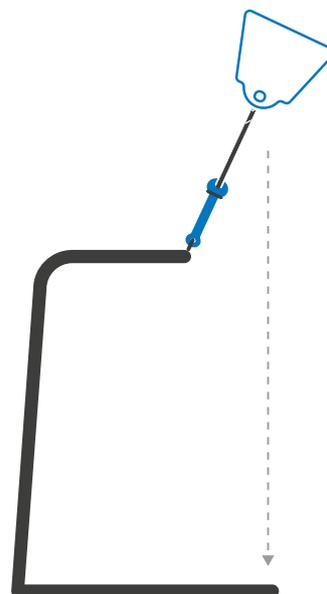
We attach the product to an anchor point and apply pressure by hanging a weight from it. A product only passes if it is able to withstand the load for a minimum of three minutes without signs of damage or weakening.



### DYNAMIC DROP TEST

We attach a test weight to the product at 2x WLL, elevate it and release it into a Fall Factor 2 to simulate a dropped object event. The product must show no signs of structural failure or release after impact.

Three separate products must be dropped three times each for a total of nine drops. All nine drops must pass for a product to gain Dynamic Drop Testing approval.



## TESTING STANDARDS

All Leading Edge tool tethering products are CE-Approved and manufactured under European Council Machine Directive 2006/42/EC.

Product testing follows article 11b of the European Council Directive 89/686/EEC in accordance with BS EN 364:1993 — the highest standards already in place for PPE.

## SAFETY FACTORS

All certified Leading Edge products boast a whopping 47x safety factor. We purposefully over engineer our products to have greater resilience than a real world scenario would require — this gives them superior in-service lifespan and fully guarantees your safety in daily use.

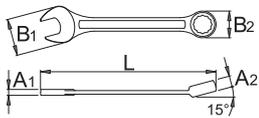
# PRODUCT SPECIFICATION

 Dimension	 Tube max diameter in mm
 Max	 Hexagon profile
 Min	 Octagon profile
 Internal lock ring pliers	 Square file or square part
 External lock ring pliers	 Screwdriver profile, crosstip, PH
 Tube diameter in Inches	 Weight in Kg
 Outer dimension in mm	 Hammer weight in grams
 Wire diameter in mm <sup>2</sup>	

All weights are given in kg. The weights given for individual tools may differ by a few grams from those given in the tables. Riveted metal rings cannot be removed. The tool weight is indicated on each tool. Two carabiners can be inserted into the ring, allowing safe exchange of tools. Tools are adapted to working at heights while preserving the basic functions of the tool.

# Combination wrench, long type

120/1-H



## PRODUCT ATTRIBUTES

- material: chrome vanadium
- drop forged, entirely hardened and tempered
- surface finish: chrome plated according to EN12540:2000
- polished head
- ring with LIFE profile
- made according to ISO 7738 standard (metric dimensions only)
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners

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*Sliding metal ring does not obstruct use of tool on either end.*

SKU	mm	L	B2	B1	A2	A1	
626076	6	119	10.4	14.5	5	3.5	0.014
626077	7	129	11.5	16.5	5.8	3.9	0.015
626078	8	141	13.2	18.5	6.9	3.9	0.023
626079	9	152	14.3	21	7.3	4	0.027
626080	10	163	15.9	23	7.5	4.2	0.037
626081	11	176	17.8	24.5	8	4.5	0.045
626082	12	186	19.4	26.5	8.5	4.7	0.055
626083	13	199	20.4	29.5	8.5	5.2	0.068
626084	14	210	22	31.5	9	5.2	0.082
626085	15	222	23.5	33.5	9.5	5.7	0.096
626086	16	234	24.8	36	10.5	6.2	0.121
626087	17	245	16.1	38	10.5	6.7	0.144
626088	18	257	27.7	40	11	7.2	0.165
626089	19	268	29.3	42	12	7.2	0.186
626090	20	280	31	44	12.5	7.7	0.225
626091	21	291	32.6	45.5	13	8.2	0.251
626092	22	303	34.1	46.5	13	8.2	0.266
626093	23	314	35.7	50.5	13	8.2	0.300
626094	24	330	37.3	52.5	14	8.5	0.382
626095	25	337	39	54.5	14.5	8.5	0.377
626096	26	349	40.1	56	15	8.5	0.422
626097	27	360	41.6	57.5	15	9	0.453
626098	28	373	43.2	59.5	15.1	9	0.532
626099	29	383	44.9	61.5	16	9.5	0.567
626100	30	395	46.5	63.5	16	10	0.632
626101	32	416	49	68	16.5	10.5	0.719
626176	35	500	53.5	78.8	20	13.6	1.405
626117	36	500	53.5	78.8	20	13.6	1.415
626174	38	515	58	82.8	20.5	14.1	1.310
626118	41	540	62	86.8	21	14.6	2.025
626321	50	580	75	103	24	17	1.955
626295	1/4"	119	10.4	14.5	5	3.5	0.014
626296	5/16"	142	13.2	18.5	6.9	3.9	0.023
626297	3/8"	153	14.3	21	7.3	4	0.027
626298	7/16"	176	17.8	24.5	8	4.5	0.045
626299	1/2"	199	20.4	29.5	8.5	5.2	0.068

626300	9/16'	211	22	31.5	9	5.2	0.082
626301	5/8"	234	24.8	36	10.5	6.2	0.121
626302	11/16"	245	26.1	38	10.5	6.7	0.144
626303	3/4"	268	29.3	42	12	7.2	0.186
626304	13/16"	291	32.6	45.5	13	8.2	0.251
626305	7/8"	303	34.1	46.5	13	8.2	0.266
626306	15/16"	330	37.3	52.5	14	8.5	0.382
626307	1"	337	39	54.4	14.5	8.5	0.377
626308	1 1/16"	360	41.6	57.5	15	9	0.453
626309	1 1/8"	372	43.2	59.5	15.5	9	0.532
626310	1 1/4"	417	49	68	16.5	10.5	0.719
626311	1 5/16"	417	49	68	16.5	10.5	0.732
626312	1 3/8"	500	53.5	78.8	20	13.6	1.425
626313	1 7/16"	500	53.5	78.8	20	13.6	1.395
626314	1 1/2"	500	53.5	78.8	20	13.6	1.335
626315	1 5/8"	540	62	86.8	21	14.6	1.975
626316	1 11/16"	540	62	86.8	21	14.6	1.995

## Scaffolding wrench

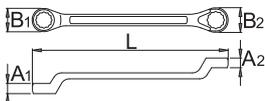
179/2-H

### PRODUCT ATTRIBUTES

- for assembling scaffolding
- material: chrome vanadium
- drop forged, entirely hardened and tempered
- surface finish: chrome plated according to EN12540
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners

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*Sliding metal ring does not obstruct use of tool on either end.*



SKU		L	B2	B1	A2	A1	
626161	21 x 22	316	34	35	17	17	1.995

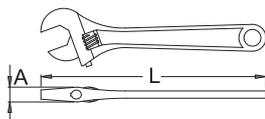
# Adjustable wrench

250/1-H



## PRODUCT ATTRIBUTES

- material: chrome vanadium
- drop forged, entirely hardened and tempered
- surface finish: chrome plated according to EN12540
- polished head
- with scale
- made according to ISO 6787 standard
- tool weight is marked on each tool



SKU		L	A		
626106	200	205	14.4	28	0.243
626107	250	254	16.9	32	0.439
626108	300	303.5	19.1	38	0.702
626109	380	375	23.8	50	1.315
626162	450	458.5	26.3	60	1.730

# Forged combination ratchet wrench

160/2-H



## PRODUCT ATTRIBUTES

- material: chrome vanadium
- drop forged, entirely hardened and tempered

## FEATURES

- ratchet: two-way, switchable
- stop ring on the ratchet prevents wrench from slipping off the nut
- allows quick, easy and safe tightening and quick, safe and precise positioning of the wrench on the nut
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners

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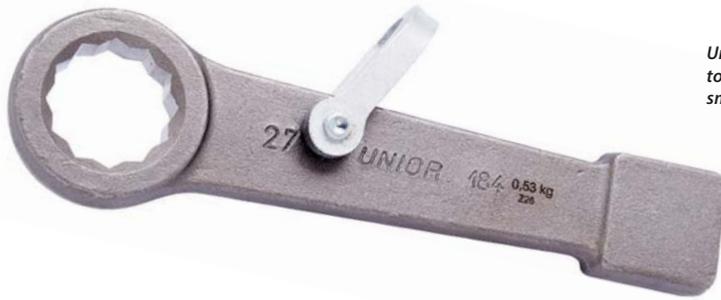


SKU		L	B2	B1	A2	A1	
626389	8	134	17.1	16.7	8.4	4.7	0.035
626390	9	158	21	21	8.4	5.5	0.061
626391	10	158	21	21	8.4	5.5	0.055
626392	11	164	22.6	23	9.7	6	0.069
626393	12	167	23.8	25	9.7	6.2	0.079
626394	13	177	24.9	27.5	9.7	6	0.098
626395	14	189	27	29	10.1	7	0.114
626396	15	198	28.1	31.5	11.7	7.2	0.137
626397	16	204	29.9	33	11.7	7.5	0.164
626398	17	224	31.9	34.9	11.7	8	0.182
626399	18	245	34.4	38.9	12	8.8	0.216

626400	19	245	34.4	38.9	19	12	0.229
626401	21	280	45.7	42.6	14.2	9.5	0.398
626402	22	280	45.7	42.6	14.2	9.5	0.379
626403	24	310	51.7	46.5	14.7	10	0.488

# Slogging ring wrench

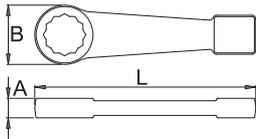
**184/7-H**



## PRODUCT ATTRIBUTES

- material: special tool steel
- drop forged, entirely hardened and tempered
- surface finish: anticorrosive oiled
- made according to DIN 7444 standard (metric dimensions only)
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners

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SKU		L	A	B	
626344	24	180	16	48.6	0.534
626345	27	180	16	48.6	0.514
626346	30	180	16	48.6	0.488
626347	32	190	18	58.4	0.739
626348	36	190	18	58.4	0.694
626349	41	235	22	74	1.425
626350	46	235	22	74	1.360
626351	50	235	22	74	1.335
626360	1 1/16"	180	16	49	0.512
626361	1 1/8"	180	16	49	0.511
626362	1 3/16"	180	16	49	0.502
626363	1 1/4"	190	18	58	0.740
626364	1 5/16"	190	18	58	0.708
626365	1 3/8"	190	18	58	0.700
626366	1 7/16"	190	18	58	0.687
626367	1 1/2"	235	22	74	1.470
626368	1 5/8"	235	22	74	1.425
626369	1 11/16"	235	22	74	1.440
626370	1 3/4"	235	22	74	1.410
626371	1 13/16"	235	22	74	1.360
626372	1 7/8"	235	22	74	1.350
626373	2"	235	22	74	1.335
626374	2 1/16"	275	27	98	1.860

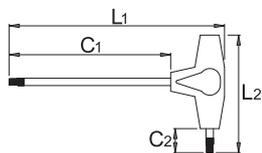
# Hexagonal head screwdriver with T-handle

**193HX-H**

## PRODUCT ATTRIBUTES

- material: blade - chrome vanadium, fully hardened and tempered
- handle - polypropylene
- chrome plated blade, black anodised tip
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners

*Rotating metal ring is ergonomically designed and prevents twisting of the lanyard.*



SKU	Hexagon Size	L1	C1	C2	L2	Weight
626177	2.5	155	125	15	61	0.013
626178	3	155	125	15	61	0.016
626180	4	155	125	15	61	0.024
626182	5	188	150	20	88	0.056
626183	6	188	150	20	88	0.074
626184	7	223	175	25	113	0.128
626185	8	223	175	25	113	0.155
626186	10	248	200	25	113	0.233

# Set of hexagon wrenches in metal folding holder

**220/3MH-H**

## PRODUCT ATTRIBUTES

- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners

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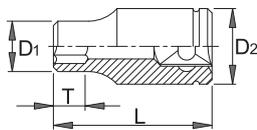


SKU	Dimension	Weight
626232	2.5-10	0.349

Dimension in set: 2.5, 3, 4, 5, 6, 8, 10

# Socket 1/2", 12 point

190/1 12p-H



## PRODUCT ATTRIBUTES

- material: chrome vanadium
- drop forged, entirely hardened and tempered
- surface finish: chrome plated according to EN12540
- polished

Made in accordance to the ISO 3315-B (accessories) and ISO 2725-1B (sockets) standards.

Switching sockets and accessories requires use of specific tool (Art. 1111).

Sockets and accessories with side holes.

Warning! Switching sockets and accessories must be carried out in a previously secured or safe area.

SKU	mm	L	D1	D2	T↓	Icon
626143	10	38	15	22.9	12	0.055
626144	11	38	16.3	22.9	12	0.055
626145	12	38	17.9	22.9	12	0.065
626146	13	38	18.8	22.9	12	0.065
626147	14	38	19.7	22.9	12	0.065
626148	15	38	20.4	22.9	12	0.065
626149	16	38	22.9	21.5	12	0.065
626150	17	38	24.3	22	12	0.065
626151	18	38	25.5	23	12	0.100
626152	19	38	26.8	24	14	0.105
626153	20	38	28.1	24	14	0.115
626154	21	38	29.3	25	14	0.128
626155	22	38	30.4	25	14	0.142
626156	23	40	31.7	26	14	0.147
626157	24	42	33.1	28	16	0.165
626158	27	43	37	30	18	0.180
626159	30	46	40.7	34	22	0.195
626160	32	46	43.2	36	22	0.237
626388	36	46	48	42	22	0.245
626203	3/8"	38	15	22.9	12	0.055
626204	7/16"	38	16.3	22.9	12	0.055
626205	1/2"	38	18.8	22.9	12	0.065
626206	9/16"	38	20.4	22.9	12	0.065
626207	19/32"	38	20.4	20.7	12	0.065
626208	5/8"	38	22.9	21.5	12	0.065
626209	11/16"	38	25.5	23	12	0.065
626210	3/4"	38	26.8	24	14	0.105
626211	25/32"	38	27.9	24	14	0.115
626212	13/16"	38	29.3	25	14	0.128
626213	7/8"	40	31.7	26	14	0.142
626214	15/16"	42	33.1	28	16	0.165
626215	1"	42	35.3	30	16	0.170
626216	1.1/16"	43	37	30	18	0.180
626217	1.1/8"	43	39	32	20	0.190
626218	1.3/16"	46	40.7	34	22	0.195
626219	1.1/4"	46	43.2	36	22	0.237

# Reversible ratchet 1/2"

190.1/1ABI-H

## PRODUCT ATTRIBUTES

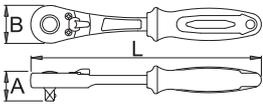
- material: special tool steel
- body drop forged
- fully hardened and tempered
- surface finish: chrome plated according to EN12540

Made in accordance to the ISO 3315-B (accessories) and ISO 2725-1B (sockets) standards.

Switching sockets and accessories requires use of specific tool (Art. 1111).

Sockets and accessories with side holes.

Warning! Switching sockets and accessories must be carried out in a previously secured or safe area.



SKU	■	L	A	B	📦
626245	1/2"	260	36	45	0.423

# Extension bar 1/2"

190.4/1-H

## PRODUCT ATTRIBUTES

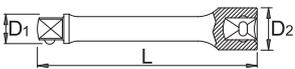
- material: chrome vanadium
- drop forged, entirely hardened and tempered
- surface finish: chrome plated according to EN12540
- polished head

Made in accordance to the ISO 3315-B (accessories) and ISO 2725-1B (sockets) standards.

Switching sockets and accessories requires use of specific tool (Art. 1111).

Sockets and accessories with side holes.

Warning! Switching sockets and accessories must be carried out in a previously secured or safe area.



SKU	■	L	D1	D2	📦
626103	1/2"	125	16.8	24	0.178
626104	1/2"	250	16.8	24	0.326

# Combination pliers

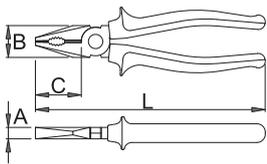
**405/1BI-H**

## PRODUCT ATTRIBUTES

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- polished head
- surface finish: chrome plated according to EN12540
- heavy duty double - component handles
- made according to ISO 5746 standard
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*

*In order to ensure the highest level of safety, the riveted metal ring is not mounted only through the plastic handles but is attached through the metal part of the tool handle.*



SKU	L	A	B	C	
626958	160	9.5	24	35	0.224
626959	180	10	27	38	0.273

# Heavy duty diagonal cutting nippers

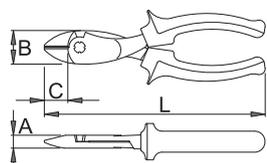
**466/1BI-H**

## PRODUCT ATTRIBUTES

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- polished head
- surface finish: chrome plated according to EN12540
- heavy duty double - component handles
- made according to ISO 5749 standard
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*

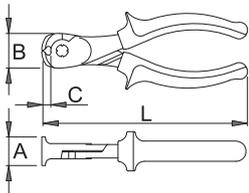
*In order to ensure the highest level of safety, the riveted metal ring is not mounted only through the plastic handles but is attached through the metal part of the tool handle.*



SKU	L	A	B	C	
626960	160	10	23.5	20.5	0.214
626961	180	11	28	20	0.313

# End nippers

**455/1BI-H**



SKU	L	A	B	C	
626201	160	22	27	7	0.254

### PRODUCT ATTRIBUTES

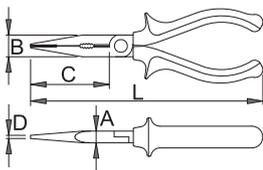
- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- polished head
- surface finish: chrome plated according to EN12540
- heavy duty double - component handles
- made according to ISO 5748 standard
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*

*In order to ensure the highest level of safety, the riveted metal ring is not mounted only through the plastic handles but is attached through the metal part of the tool handle.*

# Long nose pliers with side cutter and pipe grip, straight

**508/1BI-H**



SKU	L	A	B	C	D	
626189	200	9	17	77	2.5	0.191

### PRODUCT ATTRIBUTES

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- polished head
- surface finish: chrome plated according to EN12540
- heavy duty double - component handles
- made according to ISO 5748 standard
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*

### FEATURES

- serrated gripping surface
- can also be used to grasp and separate cables and other sensitive materials

*In order to ensure the highest level of safety, the riveted metal ring is not mounted only through the plastic handles but is attached through the metal part of the tool handle.*

# Long nose pliers with side cutter and pipe grip, bent

512/1BI-H

## PRODUCT ATTRIBUTES

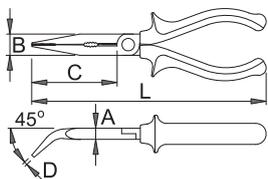
- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- polished head
- surface finish: chrome plated according to EN12540
- heavy duty double - component handles
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*

## FEATURES

- serrated gripping surface
- jaws set at 45° angle
- long angled jaws enable simple and precise manipulation of workpieces
- strong jaws enable good grip

*In order to ensure the highest level of safety, the riveted metal ring is not mounted only through the plastic handles but is attached through the metal part of the tool handle.*



SKU	L	A	B	C	D	
626962	170	9	17	61	2.5	0.152
626192	200	9	17	77	2.5	0.204



# Waterpump pliers

447/1HPP-H

## PRODUCT ATTRIBUTES

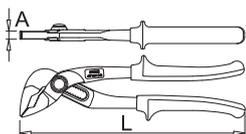
- material: chrome vanadium
- drop forged, entirely hardened and tempered
- working surfaces induction hardened/polished head
- surface finish: chrome plated according to EN12540
- heavy duty double - component handles made according to ISO 5749 standard
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*

## FEATURES

- serrated jaw is designed to ensure optimum grip
- 10 position adjustable jaw
- extreme grip strength: despite the slim construction, the design and shape of the pliers' jaws offer improved grip strength, resulting in greater stability, work safety, and effectiveness strong jaws enable good grip
- due to the slim construction, the jaws allow one-handed work in difficult-to-reach places
- made of two-part material which reduces hand slipping and thus enables safe and effective transmission of power from the hand to the pliers' jaws

*In order to ensure the highest level of safety, the riveted metal ring is not mounted only through the plastic handles but is attached through the metal part of the tool handle.*



SKU	L	$\varnothing$ <sup>max</sup>	A	
626343	240	40	8.5	0.392



# Variable joint "HYPO" pliers

442/1HYPO-H

## PRODUCT ATTRIBUTES

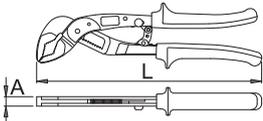
- material: special tool steel
- working surfaces induction hardened
- heavy duty double - component handles
- drop forged, entirely hardened and tempered
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*

## FEATURES

- hypo pliers are self-adjusting, so it is not necessary to preset the width of the jaws
- one-handed self-adjusting operation
- pliers adapt to the workpiece automatically due to the slim construction, the jaws allow one-handed work in difficult-to-reach places
- maximum jaw aperture up to  $\varnothing 40$  mm
- locking mechanism enables easier storage when the pliers are not in use

*In order to ensure the highest level of safety, the riveted metal ring is not mounted only through the plastic handles but is attached through the metal part of the tool handle.*



SKU	L	$\varnothing$	A	
626244	240	40	9	0.397



# Multifunctional electricians pliers

514/1BI-H

## PRODUCT ATTRIBUTES

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- polished head
- heavy duty double - component handles
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*

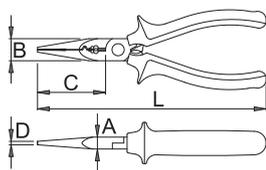
## FEATURES

- 7 different functions
- finely serrated jaw
- ergonomically shaped hand
- extra strong grip - the design and shape of the handles give the hand more leverage during use, enabling greater stability and safer transmission of force
- high durability
- serrated jaw prevents slipping and enables better grip of cables, wires etc.

*In order to ensure the highest level of safety, the riveted metal ring is not mounted only through the plastic handles but is attached through the metal part of the tool handle.*

## USE

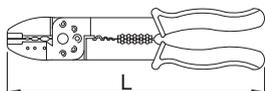
- winding solid wire and bending rings up to  $\varnothing$  3.5 mm. Rings can be bent to the right or to the left, since the tool has appropriate teeth on both sides of the jaw
- the smooth part of the jaw is intended for gripping objects with sensitive surfaces
- can be used for crimping insulated spade terminals
- stripping wire from  $\varnothing$  2.2 mm to  $\varnothing$  3.0 mm
- stripping wire from  $\varnothing$  3.5 mm to  $\varnothing$  4.0 mm
- cutting wire from  $\varnothing$  2.2 mm to  $\varnothing$  4.0 mm
- crimping cable terminals up to  $\varnothing$  4.0 mm



SKU	L	A	B	C	D	
626259	160	9	16	49	2.5	0.141

# Crimping pliers

**425/4B-H**



SKU	L	mm <sup>2</sup>	kg
626110	240	1.5-6 mm	0.320

## PRODUCT ATTRIBUTES

- material: sheet metal
- fully hardened and tempered
- surface finish: phosphate coated to DIN 12476 standard
- heavy duty plastic handles
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*

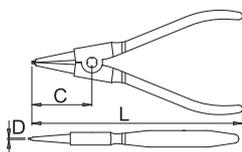
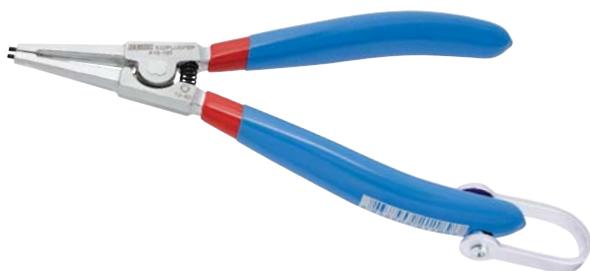
*In order to ensure the highest level of safety, the riveted metal ring is not mounted only through the plastic handles but is attached through the metal part of the tool handle.*

## USE

- for insulated and non-insulated open terminals (1.5-6mm<sup>2</sup>), cutting cables and screws and stripping insulation

# External lock rings pliers, straight

**532PLUS/1DP-H**



SKU	L	C	D	mm	kg
626386	180	52	1.8	19-60	0.209

## PRODUCT ATTRIBUTES

- material: special tool steel
- drop forged, entirely hardened and tempered
- polished head
- surface finish: chrome plated to EN12540 standard
- tips black anodised
- plastic coated handles
- made according to DIN 5254 standard, form A
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*

*In order to ensure the highest level of safety, the riveted metal ring is not mounted only through the plastic handles but is attached through the metal part of the tool handle.*

## FEATURES

- 30% higher durability in comparison to conventional lock ring pliers
- inserted tips
- fits diameter 3 to 100 mm

## USE

- for fitting circlips on shafts

*In order to ensure the highest level of safety, the riveted metal ring is not mounted only through the plastic handles but is attached through the metal part of the tool handle.*

# Internal lock rings pliers, straight

**536PLUS/1DP-H**

## PRODUCT ATTRIBUTES

- material: special tool steel
- drop forged, entirely hardened and tempered
- polished head
- surface finish: chrome plated to EN12540 standard
- tips black anodised
- plastic coated handles
- made according to DIN 5256 standard, form C
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*

*In order to ensure the highest level of safety, the riveted metal ring is not mounted only through the plastic handles but is attached through the metal part of the tool handle.*

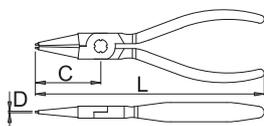
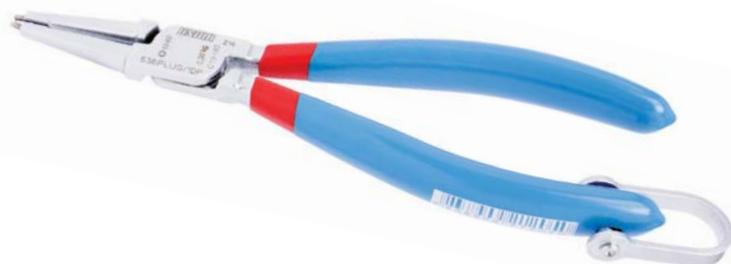
## FEATURES

- 30% higher durability in comparison to conventional lock ring pliers
- inserted tips
- fits diameter 8 to 100 mm

## USE

- for fitting circlips on bore holes

*In order to ensure the highest level of safety, the riveted metal ring is not mounted only through the plastic handles but is attached through the metal part of the tool handle.*



SKU	L	C	D	⊙	👤
626387	180	52	1.8	19-60	0.192

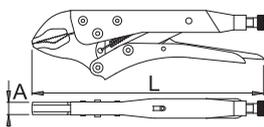
# Universal lock-grip pliers

**429/3-H**

## PRODUCT ATTRIBUTES

- jaws drop forged from special tool-grade steel, fully hardened and tempered
- handles made from sheet metal
- surface finish: nickel plated
- adjustment screw phosphate coated
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*



SKU	L	⊙ <sup>(max)</sup>	A	👤
626163	250	35	12	0.596
626263	300	40	14	1.010

# Cable shears

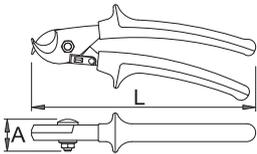
**580/1BI-H**



## PRODUCT ATTRIBUTES

- material: special tool steel
- cutting edges induction hardened
- surface finish: chrome plated to EN12540 standard
- polished head
- heavy duty double - component handles
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*



SKU	L	A	Ø↑	📦
626202	230	22	17	0.444

# Combination pliers

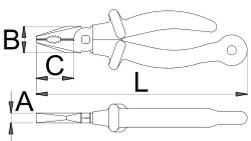
**406/1VDEDP-H**



## PRODUCT ATTRIBUTES

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- surface finish: chrome plated to EN12540 standard
- polished head
- handles are insulated with two-part insulation for additional safety
- made according to ISO 5746 and EN 60900 standards
- tool weight is marked on each tool

*Important! If second layer is visible, replace your VDE-approved tool. Insulated tool is not designed for use with carabiners, but with a lanyard with a cord.*



SKU	L	A	B	C	📦
626963	180	10	27	38	0.269

# Heavy duty diagonal cutting nippers

**466/1VDEDP-H**

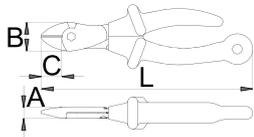
## PRODUCT ATTRIBUTES

- material: special tool steel
- drop forged, entirely hardened and tempered
- cutting edges induction hardened
- surface finish: chrome plated to EN12540 standard
- polished head
- made according to ISO 5749 and EN60900 standards

## FEATURES

- handles are insulated with two-part insulation for additional safety
- tool weight is marked on each tool

*Important! If second layer is visible, replace your VDE-approved tool. Insulated tool is not designed for use with carabiners, but with a lanyard with a cord.*



SKU	L	A	B	C	
626964	180	11	28	21	0.303

# Pipe wrench 45°, Swedish pattern

**481/6-H**

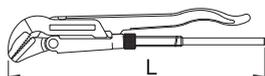
## PRODUCT ATTRIBUTES

- material: chrome vanadium
- drop forged, entirely hardened and tempered
- serrated jaws with induction hardened teeth
- made according to DIN 5234 standard, form B
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*

## USE

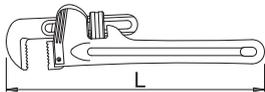
- gripping, rotation or tightening of round or profiled pipes, nuts and flanges



SKU		L		
626111	2"	555	70	2.330

# Heavy duty pipe wrench

492/6-H



SKU	⌀	L	max	L"	📦
626113	1 1/2"	250	49	10"	0.760

## PRODUCT ATTRIBUTES

- material: handle made of special highly durable alloy
- jaws fully hardened and tempered, teeth additionally induction hardened
- replaceable jaws, phosphate coated
- adjustable upper jaw heavy duty double - component handles
- coated handle
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

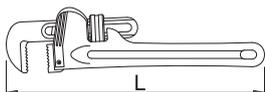
*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*

## USE

- gripping, rotation or tightening of round or profiled pipes, nuts and flanges

# Heavy duty pipe wrench AL

492AL-H



SKU	⌀	L	L"	max	📦
626119	2"	330	14	60	0.960
626120	2 1/2"	410	18	76	1.560
626121	3"	555	24	89	2.450

## PRODUCT ATTRIBUTES

- material: handle made of highly durable aluminium alloy
- jaws fully hardened and tempered, teeth additionally induction hardened
- adjustable upper jaw
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*

## USE

- gripping, rotation or tightening of round or profiled pipes, nuts and flanges

# Flat screwdriver TBI

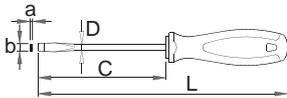
**605TBI-H**

## PRODUCT ATTRIBUTES

- blade: chrome-vanadium-molybdenum steel
- fully hardened and tempered
- chrome plated blade, black anodised tip
- ergonomically shaped handle
- three-part material
- hanging hole
- made according to ISO 2380-1 and ISO 2380-2 standards
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners



*Rotating metal ring is ergonomically designed and prevents twisting of the lanyard.*



SKU	a x b	C	L	D	
626233	0.4 x 2.5	75	160	2.5	0.034
626234	0.5 x 3.0	80	165	3	0.035
626235	0.8 x 4.0	100	185	4	0.041
626236	1.0 x 5.5	125	225	5.5	0.070
626237	1.2 x 6.5	150	260	6	0.103
626238	1.2 x 8.0	175	295	7	0.143
626239	1.6 x 10.0	200	320	8	0.173

# Crosstip (PH) screwdriver TBI

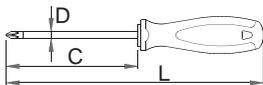
**615TBI-H**

## PRODUCT ATTRIBUTES

- blade: chrome-vanadium-molybdenum steel
- fully hardened and tempered
- chrome plated blade, black anodised tip
- ergonomically shaped handle
- three-part material
- hanging hole
- made according to DIN 5260-PH standard
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners



*Rotating metal ring is ergonomically designed and prevents twisting of the lanyard.*



SKU	+	C	L	D	
626241	PH 1	80	180	4	0.060
626242	PH 2	100	210	6	0.094
626243	PH 3	150	270	8	0.154

# Club hammer

817-H

## PRODUCT ATTRIBUTES

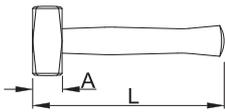
- material: special tool steel
- drop forged
- striking faces induction hardened
- coated surface
- made according to standard DIN 6475
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners

*Reinforced handle with 4 spring steel bars running all the way through the handle.*

*Bars locked into the hammer head ensure that the head never becomes dislodged.*

*Ergonomic rubber grip handle absorbs shock & vibration.*

*Special bonding process ensures that the head never comes loose from the handle.*



SKU	gr	L	A	
627542	1800	300	40	2.297

# Ball-pein hammer

806-H

## PRODUCT ATTRIBUTES

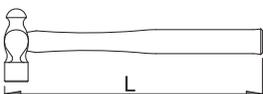
- material: special tool steel
- drop forged
- striking face and nose induction hardened
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners

*Reinforced handle with 4 spring steel bars running all the way through the handle.*

*Bars locked into the hammer head ensure that the head never becomes dislodged.*

*Ergonomic rubber grip handle absorbs shock & vibration.*

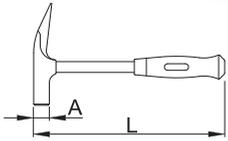
*Special bonding process ensures that the head never comes loose from the handle.*



SKU	gr	L	
627543	680	350	1.203

# Carpenters' hammer with magnet

**805A-H**



SKU	gr	L	A	
626164	550	320	21	0.825

## PRODUCT ATTRIBUTES

- material: special tool steel
- drop forged
- striking face and nose induction hardened
- coated surface
- chrome plated tubular metal handle with plastic grip
- made according to DIN 7239 standard
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

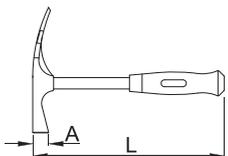
*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*

## FEATURES

- magnetised

# Mason's hammer

**809-H**



SKU	gr	L	A	
626114	650	300	20	0.851

## PRODUCT ATTRIBUTES

- material: special tool steel
- drop forged
- striking face and nose induction hardened
- coated surface
- chrome plated tubular metal handle with plastic grip
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*

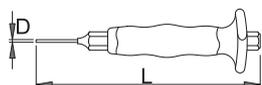
# Pin punch with handle

641/6HS-H

## PRODUCT ATTRIBUTES

- material: chrome vanadium
- fully hardened and tempered
- tip induction hardened
- coated surface
- ergonomic heavy duty two-part handle
- made according to DIN 6450 standard
- rotating metal ring is ergonomically designed and prevents twisting of the lanyard
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*



SKU	D	L	●	👤
626327	2	150	10	0.081
626328	3	150	10	0.076
626329	4	150	10	0.079
626330	5	150	10	0.083
626331	6	150	10	0.086
626332	8	150	12	0.099

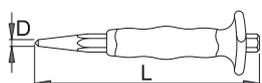
# Centre punch with handle

642/6HS-H

## PRODUCT ATTRIBUTES

- material: chrome vanadium
- fully hardened and tempered
- tip induction hardened
- coated surface
- ergonomic heavy duty two-part handle
- made according to DIN 7250 standard
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*



SKU	D	L	●	👤
626342	5	120	12	0.083

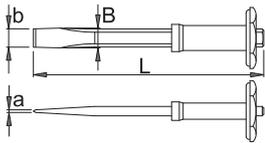
# Flat chisel with guard

**660/6HS-H**

### PRODUCT ATTRIBUTES

- material: chrome vanadiu
- drop forged
- fully hardened and tempered
- tip induction hardened
- coated surface
- made according to DIN 6453 standard
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*



SKU	L	a x b	B	
626195	250	26 x 4	24	0.615

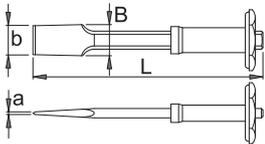
# Slitting chisel with guard

**666/6AHS-H**

### PRODUCT ATTRIBUTES

- material: chrome vanadiu
- drop forged
- fully hardened and tempered
- tip induction hardened
- coated surface
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*



SKU	L	a x b	B	
626196	240	28 x 3	28	0.459

# Heavy duty engineering clamp

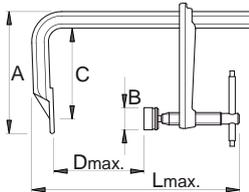
705/2MH-H



## PRODUCT ATTRIBUTES

- fixed arm and sliding jaw are drop forged, made of carbon tool-grade steel, hardened and tempered
- foot is drop forged, replaceable and swivelled
- foot, spindle and handle are corrosion-resistant
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*



SKU	D $\bar{f}$	C	L $\bar{f}$	A	B	
626231	300	140	550	180	40	2.3

# Hacksaw

750/1-H



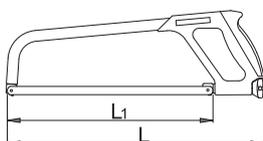
## PRODUCT ATTRIBUTES

- light and compact with ergonomically designed handle
- three blade positions
- chrome plated frame, coated handle
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*

**Warning!** Blade is not protected. If blade breaks, the broken parts of the blade can fall. The cut piece is also not secured and will fall after cutting.

**When sawing at height first assess the risks and adjust the operation in advance – set up a safety net or safety canopy or otherwise secure the area where falling objects may land.**



SKU	L	L1"	L1	
626115	407	12"	310	0.780

# Flat file with handle, bastard

**760HB-H**

## PRODUCT ATTRIBUTES

- material: carbon tool-grade steel
- all filing surfaces are double-cut
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*



SKU		L	a x b	
626260	300	425	6.5 x 30	0.587

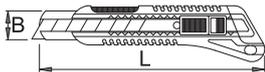
# Utility knife

**556A-H**

## PRODUCT ATTRIBUTES

- two-part handle
- 3 replacement snap-off blades inside the handle
- blade with 13 snap-off blades
- blade made of high-grade steel alloy
- non-removable riveted metal ring
- tool weight is marked on each tool
- the rings on the tools are large enough to accept 2 carabiners.

*Unior's tools for working at heights have been designed to preserve the tools' basic functions, ergonomics and utility, or to reduce them to the smallest possible extent.*



SKU	L	B	
626289	160	18	0.099

# Tool belt

1107

## PRODUCT ATTRIBUTES

- three-point secure release/closure
- belt adjustable to max. 114 cm/45"
- maximum load 30 kg
- 6 metal rings
- comfortable when loaded
- not suitable for personal protection



SKU	Lmax	
627332	114	0.280

# Leading Edge tool lanyard TL-E-DS

1108DS

## PRODUCT ATTRIBUTES

- maximum load 5 kg
- elastic stretches to 1.9 m
- rotating metal ring on working end
- not suitable for personal protection



SKU		L	L1	
627333	1 m/5 kg	1000	1900	0.132

# Leading Edge tool lanyard – TL-E-DB

**1108DB**

## PRODUCT ATTRIBUTES

- maximum load 5 kg
- elastic stretches to 1.9 m
- attachment cord on one end, suitable for use with insulated tools
- not suitable for personal protection



SKU		L	L1	
627334	1 m/5 kg	1000	1900	0.098

# Leading Edge tool lanyard – TL-E-DD

**1108DD**

## PRODUCT ATTRIBUTES

- maximum load 5 kg
- elastic stretches to 1.9 m
- metal ring on both ends
- not suitable for personal protection



SKU		L	L1	
627335	1 m/5 kg	1000	1900	0.108

## Snap carabiner with screw

1109



### PRODUCT ATTRIBUTES

- surface finish: zinc coated
- lock ring
- carabiner 6 x 60 not for use with tools over 0,8 kg
- not suitable for personal protection

SKU		
627336	6 x 60	0.030
627337	8 x 80	0.065

## Tool keeper

1110



### PRODUCT ATTRIBUTES

- length up to 107 cm/42"
- maximum load 1.6 kg
- retraction force 0.2 kg
- retraction preventer
- not suitable for personal protection

SKU	L <sup>†</sup>		
627338	1070	1.07 m/1.6 kg	0.091

## Socket remover

1111



### PRODUCT ATTRIBUTES

*The tool is used for releasing socket from accessories for safe work at height.*

SKU	
627339	0.014







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