

Sockets with accessories



1/4" sockets



3/8" sockets



1/2" sockets



3/4" sockets



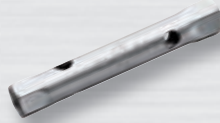
1" sockets



IMPACT sockets



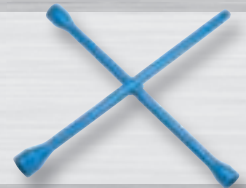
Socket wrenches with T-handle



Tubular wrenches and socket wrenches



Wheel nut wrenches



Rim wrenches



Simple use

The operation of the ratchet accommodating the sockets is based on a 75-tooth mechanism, which divides the 360° full circle into sections of 4.8-degree angles and thus guarantees simpler use even at nearly inaccessible points. With larger ratchet increments, fewer turns and less effort, you can achieve greater reliability and higher precision.



Accuracy

Together with the indispensable ratchets, Unior sockets allow even, predictable and precision tightening and loosening of screws and nuts -working with Unior ratchets is safer and more accurate.

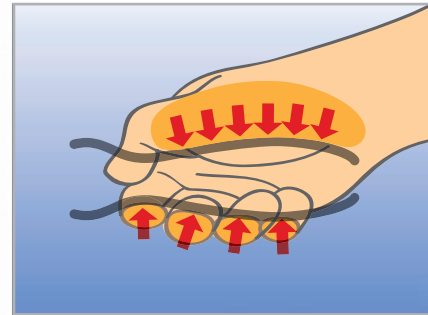


Safety

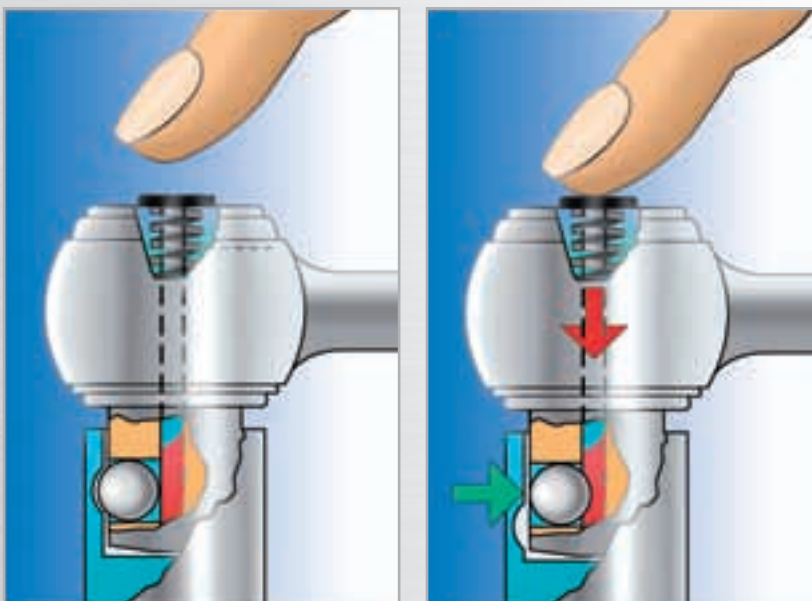
Special socket retention system with a one-touch release button ensures greater safety at work and an increased socket locking speed.



Features of Unior's sockets



Features of Unior's safety lock system



Safety lock system

The socket is released from ratchet with by simply pressing the button.

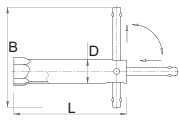
Higher speed and effectiveness

Speed of work will be assured with the locking system and mechanism for releasing the socket.

185/2

Spark plug wrench

- material: special tool steel
- surface finish: chrome plated according to EN12540



Barcode	mm	D	L	B
600771	16	19	145	120
607956	19	22	115	120
600772	21	24	115	120
600773	21	24	180	120

186BI

Set of spark plug sockets with accessories 3/8"

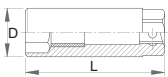


Barcode	Nº	Hand
619401	186BI	4
	238.1/1FB1 (3/8"), 238.4/1 (45, 75), 186.4/2 (21)	
619402	186BI	4
	238.1/1FB1 (3/8"), 238.4/1 (45, 75), 186.4/2 (19)	
619403	186BI	4
	238.1/1FB1 (3/8"), 238.4/1 (45, 75), 186.4/2 (16)	

186.4/2

Spark plug socket 3/8"

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

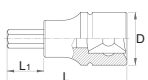


Barcode	mm	D	L
620819	13	17.9	63
603193	16	22	63
620820	18	24.7	63
603192	19	26	63
600776	21	27	66

187/2HX

Hexagonal screwdriver socket 1/4"

- material: socket: chrome molybdenum, chrome plated
- material: bit: special tool steel, anticorrosive oiled
- made according to standard DIN 7422 (only metric dimension)
- entirely hardened and tempered

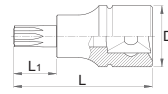


Barcode	mm	L	L1	D
607898	3	32	13	12
607899	4	32	13	12
607900	5	32	13	12
607901	6	32	13	12
607902	7	32	13	12

187/2TX

Screwdriver socket with TX profile 1/4"

- material: socket: chrome molybdenum, chrome plated
- material: bit: special tool steel, anticorrosive oiled
- entirely hardened and tempered

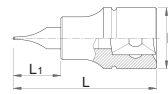


Barcode	mm	L	L1	D
607903	TX 8	32	13	12
607904	TX 10	32	13	12
607905	TX 15	32	13	12
607906	TX 20	32	13	12
607907	TX 25	32	13	12
607908	TX 27	32	13	12
607909	TX 30	32	13	12
607910	TX 40	32	13	12

187/2SL

Slotted screwdriver socket 1/4"

- material: socket: chrome molybdenum, chrome plated
- material: bit: special tool steel, anticorrosive oiled
- entirely hardened and tempered

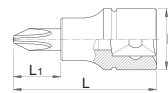


Barcode	a	b	L	L1	D
607895	0.8	4	32	13	12
607896	1	5.5	32	13	12
607897	1.2	7	32	13	12

187/2PH

Crosstip screwdriver socket 1/4"

- material: socket: chrome molybdenum, chrome plated
- material: bit: special tool steel, anticorrosive oiled
- entirely hardened and tempered

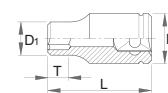


Barcode	mm	L	L1	D
607892	PH 1	32	13	12
607893	PH 2	32	13	12
607894	PH 3	32	13	12

188/2 6p

Socket 1/4"

- material: chrome molybdenum
- surface finish: chrome plated according to EN12540
- drop forged, entirely hardened and tempered
- made according to standard ISO 2725-1 (only metric dimension)



Barcode	mm	L	D1	D2	T
618682	3.2	25	6	12	4
600815	4	25	6.7	12	4



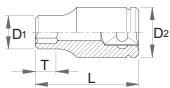


Barcode	mm	L	D1	D2	T
600816	4.5	25	7.3	12	4
600817	5	25	8	12	5
600818	5.5	25	8.6	12	5.5
600819	6	25	9.2	12	6
600820	7	25	11	12	6
600821	8	25	12	12	7.5
600822	9	25	13	13	7.5
600823	10	25	14.5	14.5	9
600824	11	25	16	15.5	10.5
603130	12	25	17	17	10.5
600825	13	25	18	18	10.5
603131	14	25	19.5	19.5	13
618683	3/16"	25	8	11.9	5
618684	7/32"	25	8.8	11.9	5
618685	1/4"	25	9.3	11.9	5
618686	9/32"	25	10.5	11.9	5
618687	5/16"	25	10.5	11.9	5
618688	11/32"	25	10.5	13.1	5
618689	3/8"	25	10.5	14.6	8
618690	13/32"	25	10.5	14.6	8
618691	7/16"	25	10.5	15.9	8
618692	1/2"	25	10.5	17.9	10
618693	9/16"	25	10.5	19.7	10

188/2 12p

Socket 1/4", 12 point

- material: chrome molybdenum
- surface finish: chrome plated according to EN12540
- drop forged, entirely hardened and tempered
- made according to standard ISO 2725-1 (only metric dimension)

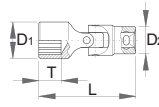


Barcode	mm	L	D1	D2	T
616857	4	25	6.8	11.9	5
616858	4.5	25	7.1	11.9	5
616859	5	25	8	11.9	5
616860	5.5	25	8.3	11.9	5
616861	6	25	9.3	11.9	5
616862	7	25	10.5	11.9	5
616863	8	25	10.5	11.9	5
616864	9	25	10.5	13.1	8
616865	10	25	10.5	14.5	8
616866	11	25	10.5	15.8	8
616867	12	25	10.5	16.8	8
616868	13	25	10.5	17.8	10
616869	14	25	10.5	19.6	10
616870	3/16"	25	8	11.9	5
616871	7/32"	25	8.3	11.9	5
616872	1/4"	25	9.3	11.9	5
616873	9/32"	25	10.5	11.9	5
616874	5/16"	25	10.5	11.9	5
616875	11/32"	25	10.5	12.9	5
616876	3/8"	25	10.5	13.9	8
616877	13/32"	25	10.5	14	8
616878	7/16"	25	10.5	15.8	8
616879	1/2"	25	10.5	17.8	10
616880	9/16"	25	10.5	19.6	10

188/2F6p

Swiveling socket 1/4"

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

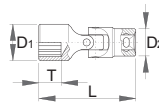


Barcode	mm	L	D1	D2	T ±
620790	6	35.4	9.2	13.8	5
620791	7	37.4	10.5	13.8	5
620792	8	37.4	12.2	13.8	5
620793	9	37.4	12.2	13.8	5
620794	10	39.9	14.7	13.8	6
620795	11	39.9	15.9	13.8	6
620796	12	39.9	16.9	13.8	6
620797	13	39.9	17.9	13.8	7

188/2F12p

Swiveling socket 1/4", 12 point

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

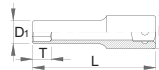


Barcode	mm	L	D1	D2	T ±
620798	3/16"	35.4	7.7	13.8	4
620799	7/32"	35.4	8.6	13.8	4
620800	1/4"	35.4	9.5	13.8	4
620801	9/32"	37.4	10.7	13.8	5
620802	5/16"	37.4	12.2	13.8	5
620803	11/32"	37.4	13.1	13.8	5
620804	3/8"	39.9	14.7	13.8	5
620805	7/16"	39.9	15.9	13.8	6
620806	1/2"	39.9	17.9	13.8	7

188/2L6p

Socket 1/4", long type

- material: chrome molybdenum
- surface finish: chrome plated according to EN12540
- drop forged, entirely hardened and tempered
- made according to standard ISO 2725-1 (only metric dimension)



Barcode	mm	L	D1	D2	T
618697	3.2	50	6	12	8
618881	4	50	6.8	11.9	5
618882	4.5	50	7.1	11.9	5
618883	5	50	8	11.9	5
618884	5.5	50	8.3	11.9	5
618885	6	50	9.3	11.9	8
618886	7	50	10.5	11.9	8
618887	8	50	10.5	11.9	8
618888	9	50	10.5	13.1	11
618889	10	50	10.5	14.5	11
618890	11	50	10.5	15.8	11



Barcode	UNIBR Logo	L	D1	D2	T
616891		50	10.5	16.8	13
616892		50	10.5	17.8	13
616893		50	10.5	19.6	16
616894		50	8	11.9	5
616895		50	8.3	11.9	5
616896		50	9.3	11.9	5
616897		50	10.5	11.9	5
616898		50	10.5	11.9	5
616899		50	10.5	12.9	5
616900		50	10.5	13.9	8
616901		50	10.5	14	8
616902		50	10.5	15.8	8
616903		50	10.5	17.8	10
616904		50	10.5	19.6	10

188/2L12p

Socket 1/4", long type, 12 point

- material: chrome molybdenum
- surface finish: chrome plated according to EN12540
- drop forged, entirely hardened and tempered
- made according to standard ISO 2725-1 (only metric dimension)



Barcode	UNIBR Logo	L	D1	D2	T
618698		50	6	12	8
618694		50	8.8	11.9	5
618695		50	10.5	11.9	8
618696		50	10.5	11.9	11

188H

Hanger for 1/4" sockets

- dimension 165 - for set 10 pcs 4-13, maximum numbers of holders 13
- dimension 205 - 10 pcs set same dimension (14), maximum numbers of holders 17



Barcode	L
619088	165
619235	205

188H1

Set 10 holder for 188H



Barcode	188H1
619410	

188BI

Socket set 1/4" in metal box



Barcode	Nº	Hand
611996	188BI	16
188/2 6p (4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 13), 188.1/1ABI (1/4"), 188.2/2BI (1/4"), 188.3/2 (1/4"), 188.4/2 (50, 150)		

188BI12P16

Socket set 1/4" in metal box



Barcode	Nº	Hand
617118	188BI12P16	16
188/2 12p (4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 13), 188.4/2 (50, 150), 188.3/2 (1/4"), 188.1/1ABI (1/4"), 188.2/2BI (1/4")		

188BI6P16INCH

Socket set 1/4" in metal box



Barcode	Nº	Hand
619413	188BI6P16INCH	3/16" - 9/16" / 16
188.1/1ABI (1/4"), 188.2/2BI (1/4"), 188.3/2 (1/4"), 188.4/2 (50, 150), 188/2 6p (3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 1/2", 9/16")		



188BI12P16INCH

Socket set 1/4" in metal box



619414 Nº

188BI12P16INCH 3/16" - 9/16" / 16
188.1/1ABI (1/4"), **188.2/2BI** (1/4"), **188.3/2** (1/4"), **188.4/2** (50, 150),
188/2 12p (3/16", 7/32", 1/4", 9/32", 5/16", 11/32", 3/8", 13/32", 7/16", 1/2", 9/16")

188C

Socket set 1/4" in metal box



615151 Nº

188C 33
188/2 6p (4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14), **188.1/1ABI** (1/4"),
188.3/2 (1/4"), **188.4/2** (50, 150), **188.6/2** (1/4"), **187/2PH** (PH 1, PH 2, PH 3),
187/2HX (3, 4, 5, 6, 7), **187/2TX** (TX 8, TX 10, TX 15, TX 25, TX 27, TX 30, TX 40)

188BI6P36

Socket and bits set 1/4"



621407 Nº

188BI6P36 36
188/2 6p (5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14), **6469C6,3** (3, 4, 5, 6), **6466C6,3** (PZ 1, PZ 2, PZ 3), **6463C6,3** (PH 1, PH 2, PH 3), **6460C6,3** (0.6 x 4.5, 1.2 x 6.5, 1.2 x 8.0),
6472C6,3 (TX 10, TX 15, TX 20, TX 25, TX 27, TX 30, TX 40), **188.1/1ABI** (1/4"),
188.4/2 (50, 150), **188.6/2** (1/4"), **188.9** (1/4" - 1/4"), **188.8** (1/4")

188D

Socket set 1/4" and bits in metal box



613074 Nº

188D 19
6472C6,3 (TX 6, TX 7, TX 8, TX 9, TX 10, TX 15, TX 20, TX 25), **189/2** (E 4, E 5, E 6, E 7, E 8, E 10, E 11), **188.8** (1/4"), **188.3/2** (1/4"), **188.4/2F** (150), **188.9** (1/4" - 1/4")

188B

Socket set 1/4" in metal box



615150 Nº

188B 44
188/2 6p (4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14), **188.1/1ABI** (1/4"), **188.3/2** (1/4"), **188.4/2** (50, 150), **188.6/2** (1/4"), **187/2PH** (PH 1, PH 2, PH 3), **187/2SL** (0.8 x 4, 1 x 5.5, 1.2 x 7), **187/2HX** (3, 4, 5, 6, 7), **187/2TX** (TX 8, TX 10, TX 15, TX 20, TX 25, TX 27, TX 30, TX 40), **189/2** (E 4, E 5, E 6, E 7, E 8, E 10, E 11)

188E

Socket set 1/4" and bits in metal box



613075 Nº

188E 26
188/2 6p (4, 4.5, 5, 5.5, 6, 7, 8, 9, 10), **6460C6,3** (0.5 x 3.0, 0.6 x 4.5, 0.8 x 5.5, 1.0 x 5.5, 1.2 x 6.5), **6463C6,3** (PH 0, PH 1, PH 2, PH 3), **6469C6,3** (3, 4, 5, 6), **188.8** (1/4"), **188.3/2** (1/4"), **188.4/2F** (150), **188.9** (1/4" - 1/4")

188MS

Socket set 1/4" on metal stand



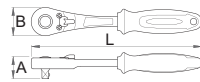
	Nº	
610566	188MS	116
188/2 6p (4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13), 980D		

188.1/1ABI

Reversible ratchet 1/4"

1/4"

- material: special tool steel
- ergonomic heavy duty double component handle
- with 40 - teeth
- body drop forged
- entirely hardened and tempered
- surface finish: chrome plated to standard EN 12540
- made according to standard ISO 3315



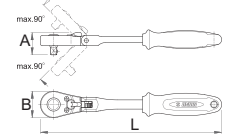
		L	A	B
611901	1/4"	157	24.5	25

188.1/1FBI

Flexible reversible ratchet 1/4"

1/4"

- material: special tool steel
- ergonomic heavy duty double component handle
- with 40 - teeth
- flexible ratchet allows working with the handle inclination up to max 90° with the 22,5° grade of inclination
- body drop forged
- entirely hardened and tempered
- surface finish: chrome plated to standard EN 12540



	L	A	B
618367	180	22	25

188.2/2BI

Swivel handle 1/4"

1/4"

- material: chrome molybdenum
- ergonomic heavy duty double component handle
- body drop forged
- surface finish: chrome plated to standard EN 12540
- made according to standard ISO 3315
- entirely hardened and tempered



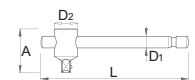
		L
611902	1/4"	150

188.3/2

Sliding T - handle 1/4"

1/4"

- material: chrome vanadium
- surface finish: chrome plated to standard EN 12540
- made according to standard ISO 3315
- entirely hardened and tempered



		L	A	D1	D2
600830	1/4"	120	30	7	14

188.4/2

Extension bar 1/4"

1/4"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- drop forged, entirely hardened and tempered
- made according to standard ISO 3316



		L	D1	D2
600826	1/4"	50	8	12
600827	1/4"	150	8	12

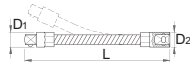


188.4/2F

Flexible extension bar 1/4"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- entirely hardened and tempered

1/4" 1/4"



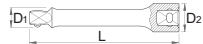
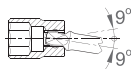
Barcode	Material	L	D1	D2
612868	1/4"	150	8.3	12

188.4/2S

Ball end extension bar 1/4"

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

1/4" 1/4"



Barcode	L	D1	D2
610910	150	8	12
610911	50	8	12

188.6/2

Universal joint 1/4"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- drop forged, entirely hardened and tempered
- made according to standard ISO 3316

1/4" 1/4"



Barcode	Material	L	D
607821	1/4"	41	14

188.7/2

Adaptor 1/4"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- drop forged, entirely hardened and tempered
- made according to standard ISO 3316

1/4" 3/8"



Barcode	Material	L	D
607976	1/4" - 3/8"	35	12

188.8

Spinner handle 1/4"

- material: blade - chrome vanadium, entirely hardened and tempered
- handle - polypropylene
- made according to standard ISO 3315

1/4" 1/4"



Barcode	Material	L	C
607349	1/4"	150	50

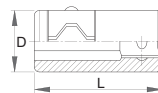


188.9

Adaptor for bits

- for bits E6,3, C6,3
- material: special tool steel
- surface finish: chrome plated according to EN12540
- drop forged, entirely hardened and tempered

1/4" 1/4"

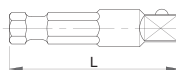


Barcode	Material	L	D
612867	1/4" - 1/4"	25	12

188.10

Socket adaptor

- material: chrome vanadium
- entirely hardened and tempered
- made according to standard DIN 7428

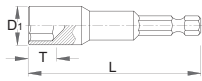


Barcode	Material	L
604531	1/4" (6.3) - 1/4"	50
616808	1/4" (6.3) - 3/8"	50
616809	1/4" (6.3) - 1/2"	50

188.10A

Bit with socket wrench

- material: chrome vanadium
- entirely hardened and tempered
- made according to standard DIN 7424



Barcode	Dimension	Hex Size	D1	L	T
619448	6.3(1/4")	8	12.5	65	3.9
618701	6.3(1/4")	10	14.5	65	5
618702	6.3(1/4")	13	18	65	6
618703	6.3(1/4")	17	23.3	65	9.5

188.11

Set of spare parts for 188.1/1ABI and 188.1/1FBI



Barcode	Quantity
612503	11

188.13

Bits adaptor with 10mm hexagonal drive

- material: chrome vanadium
- entirely hardened and tempered

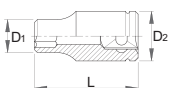


Barcode	Dimension
620858	1/4"
620859	5/16"

189/2

Socket with internal TX profile 1/4"

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

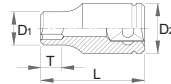


Barcode	Profile	L	D2	D1
607911	E 4	25	12	5.4
607912	E 5	25	12	6.7
607913	E 6	25	12	7.7
607914	E 7	25	12	8.3
607915	E 8	25	12	10.1
607916	E 10	25	12	11.3
607917	E 11	25	12	12.9

190/1 6p

Socket 1/2"

- material: chrome molybdenum
- surface finish: chrome plated according to EN12540
- polished
- drop forged, entirely hardened and tempered
- made according to standard ISO 2725-1 (only metric dimension)



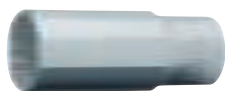
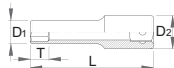
Barcode	Hex Size	L	D1	D2	T
605307	8	38	13.2	22.9	12
610155	9	38	13.9	22.9	12
600851	10	38	15	22.9	12
600852	11	38	16.3	22.9	12
600853	12	38	17.9	22.9	12
600854	13	38	18.8	22.9	12
600855	14	38	19.7	22.9	12
600856	15	38	20.4	22.9	12
600857	16	38	22.9	21.5	12
600858	17	38	24.3	22	12
600859	18	38	25.5	23	12
600860	19	38	26.8	24	14
600861	20	38	28.1	24	14
600862	21	38	29.3	25	14
600863	22	38	30.4	25	14
600864	23	40	31.7	26	14
600865	24	42	33.1	28	16
600866	25	42	34.2	29	16
600867	26	42	35.3	30	16
600868	27	43	37	30	18
600869	28	43	38	31	20
610156	29	43	39	32	20
600871	30	46	40.7	34	22
600872	32	46	43.2	36	22
610105	5/16"	38	13.2	22.9	12
610106	3/8"	38	15	22.9	12
610107	7/16"	38	16.3	22.9	12
610108	1/2"	38	18.8	22.9	12
610109	9/16"	38	20.4	22.9	12
610110	5/8"	38	22.9	21.5	12
610111	11/16"	38	25.5	23	12
610112	3/4"	38	26.8	24	14
610113	13/16"	38	29.3	25	14
610114	7/8"	40	31.7	26	14
610115	15/16"	42	33.1	28	16
610116	1"	42	35.3	30	16
610117	1.1/16"	43	37	30	18
610118	1.1/8"	43	39	32	20
610119	1.3/16"	46	40.7	34	22
610120	1.1/4"	46	43.2	36	22



190/1L12p

Socket 1/2", long type, 12 point

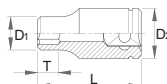
- material: chrome molybdenum
- surface finish: chrome plated according to EN12540
- polished
- drop forged, entirely hardened and tempered
- made according to standard ISO 2725-1 (only metric dimension)



190/1 12p

Socket 1/2", 12 point

- material: chrome molybdenum
- surface finish: chrome plated according to EN12540
- polished
- drop forged, entirely hardened and tempered
- made according to standard ISO 2725-1 (only metric dimension)



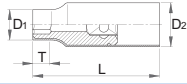
Barcode	mm	D1	D2	L	T ±
603812	10	15	22.9	38	12
603813	11	16.3	22.9	38	12
603814	12	17.9	22.9	38	12
603815	13	18.8	22.9	38	12
603816	14	19.7	22.9	38	12
603817	15	20.4	22.9	38	12
603818	16	22.9	21.5	38	12
603819	17	24.3	22	38	12
603820	18	25.5	23	38	12
603821	19	26.8	24	38	14
603822	20	28.1	24	38	14
603823	21	29.3	25	38	14
603824	22	30.4	25	38	14
603825	23	31.7	26	40	14
603826	24	33.1	28	42	16
603827	27	37	30	43	18
603828	30	40.7	34	46	22
603829	32	43.2	36	46	22
621722	36	48	42	46	22
609366	3/8"	15	22.9	38	12
609367	7/16"	16.3	22.9	38	12
609368	1/2"	18.8	22.9	38	12
609369	9/16"	20.4	22.9	38	12
609370	19/32"	20.4	20.7	38	12
609371	5/8"	22.9	21.5	38	12
609372	11/16"	25.5	23	38	12
609373	3/4"	26.8	24	38	14
609374	25/32"	27.9	24	38	14
609375	13/16"	29.3	25	38	14
609376	7/8"	31.7	26	40	14
609377	15/16"	33.1	28	42	16
609378	1"	35.3	30	42	16
609379	1.1/16"	37	30	43	18
609380	1.1/8"	39	32	43	20
609381	1.3/16"	40.7	34	46	22
609382	1.1/4"	43.2	36	46	22



190/2VDEDP

Insulated socket 1/2"

- material: chrome vanadium
- head: chrome plated according to EN12540
- double layered - double coloured insulation enable additional safety
- if second layer is visible, replace your VDE tool with the new one.
- controlled with electrical test
- made according to standard EN60900
- drop forged, entirely hardened and tempered

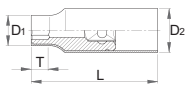


Barcode	Ø	D1	D2	L	T
617803	8	18	27.4	54.6	12
621593	9	51.5	17.1	26.5	12
612195	10	18	26	51.5	12
612196	11	19.5	26.5	51.5	12
612197	12	20.5	26.5	51.5	12
612198	13	21.5	26.5	51.5	12
612199	14	22.5	26.5	51.5	12
621594	15	51.5	23.5	26.5	12
621595	16	51.5	26	25.2	12
612200	17	28	26	51.5	12
621596	18	51.5	28.5	26.5	12
612201	19	30	28	51.5	14
621597	20	51.5	31.3	27.3	14
621598	21	51.5	32.5	28.2	14
612202	22	34	29	51.5	14
621599	23	53.5	35.1	29.4	14
612203	24	37	32.5	55	16
621600	26	55.5	38.8	33.2	16
617804	27	40.5	32.5	58	18
621601	28	56.5	41.3	33.4	20
621602	30	59.5	44	37.1	22
621603	32	59.5	46.6	39.4	22

190/2LVDEDP

Insulated socket 1/2", long type

- material: chrome vanadium
- head: chrome plated according to EN12540
- controlled with electrical test
- 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
- drop forged, entirely hardened and tempered



Barcode	Ø	L	D1	D2	T
619104	10	96	20.7	27	27
619105	11	96	21.6	27	27
619106	12	96	22.6	27	27
619107	13	96	23.3	27	27
619108	14	96	25.8	27	35
619109	15	96	26.8	27	35
619110	16	96	27.4	27	35
619111	17	96	30	27	35
619112	18	96	31.7	27	35
619113	19	96	32	27	35
619114	20	96	33.4	27	35
619115	21	96	33	27	35
621604	22	96	33.6	29.6	35
621605	24	96	35.6	31.6	35

190H

Hanger for socket 1/2"

- dimension 330 - for set 10 pcs 8 - 32, maximum numbers of holders 14
- dimension 450 - 10 pcs set same dimension (22), maximum numbers of holders 19



Barcode	L
619090	330
619237	450

190H1

10 pieces set of socket holders 1/2" for 190H



Barcode	Nº
619412	

190BI6P14

Socket set 1/2" in metal box



Barcode	Nº	Hand
611940	190BI6P14	10 - 24 / 14
	190/1 6p (10, 11, 12, 13, 14, 15, 17, 19, 21, 22, 24), 190.1/1ABI (1/2"), 190.3/1 (1/2"), 190.4/1 (125)	

190BI6P23

Socket set 1/2" in metal box



Barcode	Nº	Hand
612779	190BI6P23	10 - 32 / 23
	190/1 6p (10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32), 190.1/1ABI (1/2"), 190.3/1 (1/2"), 190.4/1 (125, 250), 190.6/2 (1/2")	

190BI6P24

Socket set 1/2" in metal box



Barcode	Nº	Handedness	Count
611939	190BI6P24	↔	10 - 32 / 24
190/1 6p (10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32), 190.1/1ABI (1/2"), 190.2/1BI (1/2"), 190.3/1 (1/2"), 190.4/1 (125, 250), 190.6/2 (1/2")			

190BI12P24

Socket set 1/2" in metal box



Barcode	Nº	Handedness	Count
611941	190BI12P24	↔	10 - 32 / 24
190/1 12p (10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32), 190.1/1ABI (1/2"), 190.2/1BI (1/2"), 190.3/1 (1/2"), 190.4/1 (125, 250), 190.6/2 (1/2")			

190BI12P14

Socket set 1/2" in metal box



Barcode	Nº	Handedness	Count
611942	190BI12P14	↔	10 - 24 / 14
190/1 12p (10, 11, 12, 13, 14, 15, 17, 19, 21, 22, 24), 190.1/1ABI (1/2"), 190.3/1 (1/2"), 190.4/1 (125)			

190BI12P23IN

Socket set 1/2" in metal box



Barcode	Nº	Handedness	Count
611943	190BI12P23IN	↔	3/8" - 1.1/4" / 23
190.6/2 (1/2"), 190.4/1 (125, 250), 190.3/1 (1/2"), 190/1 12p (3/8", 7/16", 1/2", 9/16", 19/32", 5/8", 11/16", 3/4", 25/32", 13/16", 7/8", 15/16", 1", 1.1/16", 1.1/8", 1.3/16", 1.1/4"), 190.1/1ABI (1/2"), 190.2/1BI (1/2")			

190BI12P23

Socket set 1/2" in metal box



Barcode	Nº	Handedness	Count
615327	190BI12P23	↔	10 - 32 / 23
190/1 12p (10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32), 190.1/1ABI (1/2"), 190.3/1 (1/2"), 190.4/1 (250, 125), 190.6/2 (1/2")			

190BI6P22IN

Socket set 1/2" in metal box



Barcode	Nº	Handedness	Count
615180	190BI6P22IN	↔	5/16" - 1.1/4" / 22
190.6/2 (1/2"), 190.4/1 (125, 250), 190.3/1 (1/2"), 190.1/1ABI (1/2"), 190.2/1BI (1/2"), 190/1 6p (5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1", 1.1/16", 1.1/8", 1.3/16", 1.1/4")			

190BI6P43

Socket set 1/2" and 1/4" in plastic box



Nº



611944 190BI6P43 10 - 32 / 43

188/2 6p (4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 13, 12, 14), **188.4/2** (50, 150), **188.3/2** (1/4"), **190/1 6p** (10, 11, 12, 13, 14, 15, 17, 19, 22, 24, 27, 30, 32), **190.6/2** (1/2"), **190.4/1** (125, 250), **190.3/1** (1/2"), **192/2HX** (6, 7, 8, 10, 12, 14, 17), **188.6/2** (1/4"), **190.1/1ABI** (1/2"), **188.1/1ABI** (1/4")

190BITX1P22

Socket set 1/2" in metal box



Nº



611945 190BITX1P22 22

190.6/2 (1/2"), **190.4/1** (125, 250), **192/2TX** (TX 20, TX 25, TX 27, TX 30, TX 40, TX 45, TX 50, TX 55, TX 60), **191/1** (E 10, E 11, E 12, E 14, E 16, E 18, E 20, E 22, E 24), **190.1/1ABI** (1/2")

190BIHX1P20

Socket set 1/2" in metal box



Nº



611946 190BIHX1P20 20

192/2HXL (5, 6, 7, 8, 10, 12), **192/2HX** (4, 5, 6, 7, 8, 9, 10, 12, 14, 17, 19), **190.1/1ABI** (1/2"), **190.4/1** (125, 250)

190BI6P28

Socket set 1/2" in plastic box



Nº



612162 190BI6P28 10 - 32 / 28

190/1 6p (10, 13, 14, 15, 16, 17, 18, 19, 22, 24, 27, 30, 32), **190.6/2** (1/2"), **190.4/1** (125, 250), **190.3/1** (1/2"), **190/1L12p** (12, 13, 14, 17, 19, 21, 22, 24, 27, 30), **190.1/1ABI** (1/2")

190-6P17

Socket set 1/2" in plastic box



Nº



622022 190-6P17 10 - 32 / 17

190/1 6p (10, 11, 12, 13, 14, 17, 19, 21, 22, 23, 24, 27, 30, 32), **190.9/2BI**, **190.3/1** (1/2"), **190.4/1** (75)

190BI6P17

Socket set 1/2" in plastic box



Nº



622023 190BI6P17 10 - 32 / 17

190/1 6p (10, 11, 12, 13, 14, 17, 19, 21, 22, 23, 24, 27, 30, 32), **190.1/1ABI** (1/2"), **190.3/1** (1/2"), **190.4/1** (75)

190MS6P49

Socket set 1/2" on metal stand



Barcode	Nº	Hand icon
610648	190MS6P49	10 - 32 / 49
190/1 6p (10, 13, 17, 19, 22, 24, 27, 30, 32), 980B		

190MS12P106

Socket set 1/2" on metal stand



Barcode	Nº	Hand icon
610651	190MS12P106	10 - 32 / 106
190/1 12p (10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32), 980A		

190MS12P49

Socket set 1/2" on metal stand



Barcode	Nº	Hand icon
610650	190MS12P49	10 - 32 / 49
190/1 12p (10, 13, 17, 19, 22, 24, 27, 30, 32), 980B		

190VDE6P11A

Insulated socket set 1/2" in metal box



Barcode	Nº	Hand icon
612678	190VDE6P11A	10 - 24 / 11
190/2VDEDP (10, 11, 12, 13, 14, 17, 19, 22, 24), 190.1VDE (1/2"), 190.4/2VDEDP (125)		

190MS6P106

Socket set 1/2" on metal stand



Barcode	Nº	Hand icon
610649	190MS6P106	10 - 32 / 106
190/1 6p (10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32), 980A		

190VDE6P11

Insulated socket set 1/2" in metal box



Barcode	Nº	Hand icon
616704	190VDE6P11	11
190/2VDEDP (13, 14, 17, 19), 192/2HXVDEDP (4, 5, 6, 8, 10), 190.1VDE (1/2"), 190.4/2VDEDP (125)		

190VDEDP6P13B

Insulated socket set 1/2" in metal box



619420 N° 

190VDEDP6P13B 8 - 27 / 13

190.2VDEDP (8, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27), 190.1AVDEDP, 190.4/2VDEDP (125)

190VDE6P10

Insulated socket set 1/2" in plastic box



621646 N° 

190VDE6P10 13 - 27 / 10

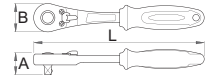
190.2VDEDP (13, 14, 17, 19, 22, 24, 27), 190.1VDE (1/2"), 190.4/2VDEDP (125, 250), 981PBM2



190.1/1ABI

Reversible ratchet 1/2" 1/2"

- material: special tool steel
- ergonomic heavy duty double component handle
- 75 - teeth
- body drop forged
- entirely hardened and tempered
- surface finish: chrome plated to standard EN 12540
- made according to standard ISO 3315

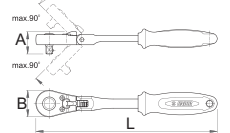


611782	1/2"	L	A	B
		260	36	45

190.1/1FBI

Flexible reversible ratchet 1/2" 1/2"

- material: special tool steel
- ergonomic heavy duty double component handle
- 75 - teeth
- flexible ratchet allows working with the handle inclination up to max 90° with the 22,5° grade of inclination
- body drop forged
- entirely hardened and tempered
- surface finish: chrome plated to standard EN 12540



618369	L	A	B
	320	36	40



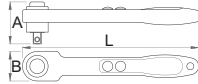
190.1VDE

Insulated reversible ratchet 1/2"

- material: chrome vanadium
- with 36 teeth
- minimal angle of turn 10°
- button for changing the direction
- controlled with electrical test
- made according to standard EN60900



1/2"



Barcode	Color	L	B	A
612206	1/2"	275	66	46



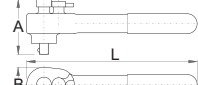
190.1AVDEDP

Insulated reversible ratchet 1/2"

- material: chrome vanadium
- with 36 teeth
- minimal angle of turn 10°
- button for changing the direction
- controlled with electrical test
- made according to standard EN60900
- double layered - double coloured insulation enable additional safety
- if second layer is visible, replace your VDE tool with the new one.



1/2"



Barcode	L	B	A
619119	245	80	49

190.2/1BI

Swivel handle 1/2"

- material: chrome molybdenum
- ergonomic heavy duty double component handle
- body drop forged
- surface finish: chrome plated to standard EN 12540
- made according to standard ISO 3315
- entirely hardened and tempered

1/2"



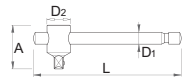
Barcode	Color	L
611899	1/2"	390
611900	1/2"	460

190.3/1

Sliding T - handle 1/2"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- made according to standard ISO 3315
- entirely hardened and tempered

1/2"



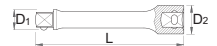
Barcode	Color	L	A	D1	D2
600876	1/2"	300	45	14	25.5

190.4/1

Extension bar 1/2"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- polished head
- drop forged, entirely hardened and tempered
- made according to standard ISO 3316

1/2"



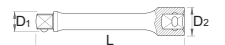
Barcode	Color	L	D1	D2
607955	1/2"	75	16.8	24
600874	1/2"	125	16.8	24
600875	1/2"	250	16.8	24

190.4/2

Extension bar 1/2"

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

1/2"

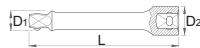
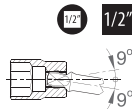


Barcode	Color	L	D1	D2
612565	1/2"	600	16.8	24

190.4/1S

Ball end extension bar 1/2"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- polished head
- drop forged, entirely hardened and tempered
- made according to standard ISO 3316

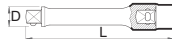


Barcode	L	D1	D2
610909	75	16.8	24
610908	125	16.8	24
610907	250	16.4	24

190.4/2VDEDP

Insulated extension bar 1/2"

- material: chrome vanadium
- head: chrome plated according to EN12540
- double layered - double coloured insulation enable additional safety
- if second layer is visible, replace your VDE tool with the new one.
- controlled with electrical test
- drop forged, entirely hardened and tempered
- made according to standard EN60900

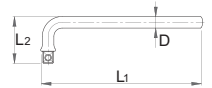


Barcode	Head	L	D
612204	1/2"	250	28
612205	1/2"	125	27

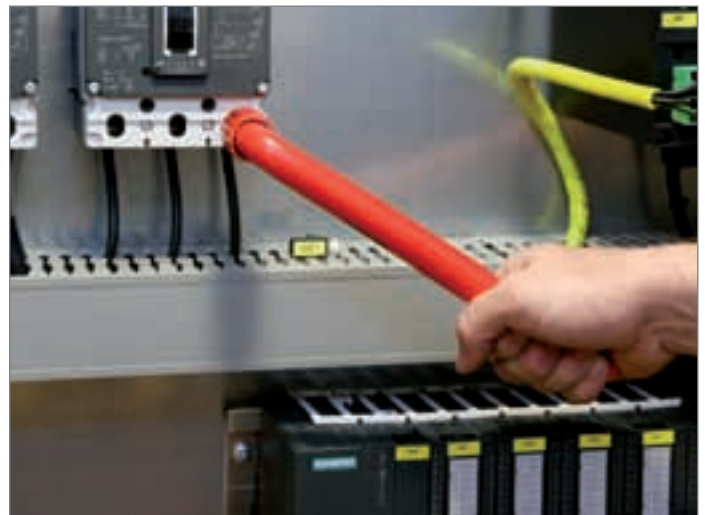
190.5/2VDEDP

Insulated offset handle 1/2"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- drop forged, entirely hardened and tempered
- made according to standard EN60900
- controlled with electrical test
- double layered - double coloured insulation enable additional safety
- if second layer is visible, replace your VDE tool with the new one.



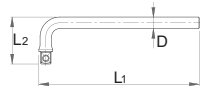
Barcode	L1	L2
615178	250	72



190.5/2

Offset handle 1/2"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- made according to standard ISO 3315
- drop forged, entirely hardened and tempered

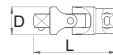


Barcode	L	L1	D
610933	250	59	16.8

190.6/2

Universal joint 1/2"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- drop forged, entirely hardened and tempered
- made according to standard ISO 3316



Barcode	Head	D	L
600873	1/2"	23	75.5



190.7/2

Adaptor 1/2"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- drop forged, entirely hardened and tempered
- made according to standard ISO 3316



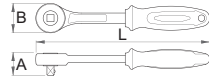
Barcode	Head	D	L
603334	1/2" - 3/8"	23	38
607975	1/2" - 3/4"	22	35

190.9/2BI

Oneway ratchet 1/2"

1/2"

- material: special tool steel
- ergonomic heavy duty double component handle
- body drop forged
- entirely hardened and tempered
- surface finish: chrome plated to standard EN 12540



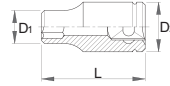
Barcode	A	B	L
600909	38	43.5	252

191/1

Socket with internal TX profile 1/2"

1/2"

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



Barcode	TX Profile	D2	D1	L
607141	E 10	22	14	38
607142	E 11	22	15	38
607143	E 12	22	15	38
607144	E 14	22	17	38
607145	E 16	22	19	38
607146	E 18	22	21	38
607147	E 20	26	23	40
607148	E 22	26	25.3	40
607149	E 24	28	27.3	40

190.10

Replacement square 1/2"

1/2"

- oneway ratchet 190.9/2BI
- entirely hardened and tempered
- material: special tool steel
- made according to standard ISO 3315



Barcode	Size	L
603378	1/2"	40

190.11

Set of spare parts for 190.1/1ABI and 190.1/1FBI



Barcode	Hand Icon	Quantity
612504		12

190.12

Quick-release bit holder 1/2"

1/2"

- material: special tool steel
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered



Barcode	Size	L	D
620856	1/2" - 1/4"	41	25

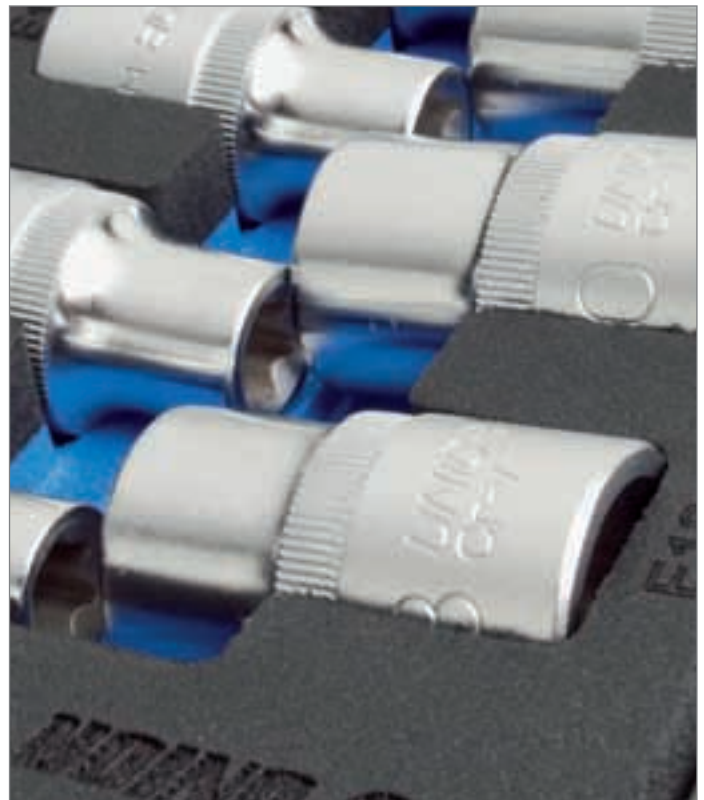
191MB1

Set of sockets with internal TX profile 1/2" in metal box

1/2"



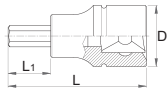
Barcode	No	Hand Icon
607314	191MB1	
	191/1 (E 10, E 11, E 12, E 14, E 16, E 18, E 20, E 22, E 24)	



192/2HX

Hexagonal screwdriver socket 1/2"

- material: socket: chrome molybdenum, chrome plated, polished
- material: bit: special tool steel, anticorrosive oiled
- made according to standard DIN 7422 (only metric dimension)
- entirely hardened and tempered

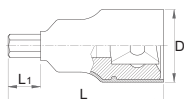


Barcode	Hex Size	D	L	L1
600978	4	23	60	24
603420	5	23	60	24
603421	6	23	60	24
603422	7	23	60	24
603423	8	23	60	24
605923	9	23	60	24
603424	10	23	60	24
603425	12	23	60	24
603426	14	23	60	24
603427	17	24	60	20
603428	19	26.5	60	20
619894	3/16"	22.9	40	24
619895	7/32"	22.9	40	24
619896	1/4"	22.9	40	24
619898	5/16"	22.9	40	24
619899	3/8"	22.9	40	24
619900	1/2"	22.9	40	24
619901	9/16"	22.9	40	24
619902	5/8"	22.9	40	24
619904	3/4"	26.8	40	21

192/2HXVDEDP

Insulated hexagonal screwdriver socket 1/2"

- material: socket: chrome molybdenum, chrome plated
- material: bit: special tool steel, anticorrosive oiled
- double layered - double coloured insulation enable additional safety
- if second layer is visible, replace your VDE tool with the new one.
- controled with electrical test
- made according to standard EN60900
- entirely hardened and tempered



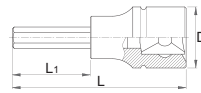
Barcode	Hex Size	L	L1	D
615173	4	76	18	27
615174	5	76	18	27
615175	6	76	18	27
615176	8	76	18	27
615177	10	76	18	27



192/2HXL

Long hexagonal screwdriver socket 1/2"

- material: socket: chrome molybdenum, chrome plated, polished
- material: bit: special tool steel, anticorrosive oiled
- made according to standard DIN 7422 (only metric dimension)
- entirely hardened and tempered

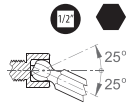


Barcode	Hex Size	D	L	L1
603380	5	22.9	100	64
619803	5	22.9	203	167
603381	6	22.9	100	64
619804	6	22.9	163	127
619805	6	22.9	183	147
603383	7	22.9	100	64
603384	8	22.9	100	64
619806	8	22.9	143	107
603386	10	22.9	100	64
619807	10	22.9	163	127
603455	12	22.9	100	64
619808	12	22.9	163	127
619415	14	22.9	100	64
619809	14	22.9	163	127

192/2HXSL

Ball end screwdriver socket, long type 1/2"

- material: socket: chrome molybdenum, chrome plated, polished
- material: bit: special tool steel, anticorrosive oiled
- entirely hardened and tempered

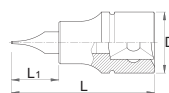


Barcode	Hex Size	L	D	L1
618704	5	203	22.9	180
619810	6	163	22.9	127
618705	6	243	22.9	220
619811	7	163	22.9	127
619812	8	163	22.9	127
618706	8	243	22.9	220
619813	10	163	22.9	127
618707	10	243	22.9	220

192/2SL

Slotted screwdriver socket 1/2"

- material: socket: chrome molybdenum, chrome plated, polished
- material: bit: special tool steel, anticorrosive oiled
- entirely hardened and tempered

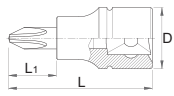


Barcode	a	b	D	L	L1
605551	1.2	8	22.9	63	27
605552	1.6	10	22.9	63	27
605553	2	12	22.9	63	27
605554	2.5	14	22.9	63	27
605555	2.5	16	22.9	63	27

192/2PH

Crosstip screwdriver socket 1/2"

- material: socket: chrome molybdenum, chrome plated, polished
- material: bit: special tool steel, anticorrosive oiled
- entirely hardened and tempered

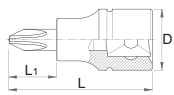


Barcode	+	D	L	L1
605556	PH 2	22.9	54	18
605557	PH 3	22.9	54	18
605558	PH 4	22.9	57	21

192/2PZ

Double - crosstip screwdriver socket 1/2"

- material: socket: chrome molybdenum, chrome plated, polished
- material: bit: special tool steel, anticorrosive oiled
- entirely hardened and tempered

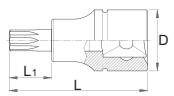


Barcode	+	D	L	L1
605559	PZ 2	22.9	54	18
605560	PZ 3	22.9	54	18
605561	PZ 4	22.9	57	21

192/2R

Screwdriver socket 1/2" with Ribe profile

- material: socket: chrome molybdenum, chrome plated, polished
- material: bit: special tool steel, anticorrosive oiled

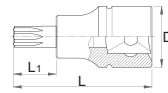


Barcode	+	D	L	L1
619891	M 5	22.9	43	17
619892	M 6	22.9	43	17
619893	M 7	22.9	43	17
619814	M 8	22.9	43	17
619815	M 9	22.9	43	17
619816	M 10	22.9	43	17
619817	M 12	22.9	43	17
619818	M 13	22.9	43	17
619819	M 14	22.9	43	17

192/2TR

Screwdriver socket 1/2" with TX profile and hole

- material: socket: chrome molybdenum, chrome plated, polished
- material: bit: special tool steel, anticorrosive oiled

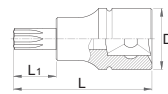


Barcode	+	D	L	L1
619820	20	22.9	58	22
619821	25	22.9	58	22
619822	27	22.9	58	22
619823	30	22.9	58	22
619824	40	22.9	58	22
619825	45	22.9	58	22
619826	50	22.9	58	22
619827	55	22.9	58	22
619828	60	22.9	58	22

192/2TX

Screwdriver socket 1/2" with TX profile

- material: socket: chrome molybdenum, chrome plated, polished
- material: bit: special tool steel, anticorrosive oiled

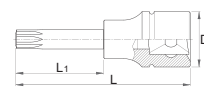


Barcode	+	D	L	L1
605562	TX 20	22.9	52	16
605563	TX 25	22.9	52	16
605564	TX 27	22.9	52	16
605565	TX 30	22.9	52	16
605566	TX 40	22.9	52	16
605567	TX 45	22.9	52	16
605568	TX 50	22.9	52	16
605569	TX 55	22.9	57	21
605570	TX 60	22.9	57	21

192/2TXL

Long screwdriver socket 1/2" with TX profile

- material: socket: chrome molybdenum, chrome plated, polished
- material: bit: special tool steel, anticorrosive oiled
- entirely hardened and tempered



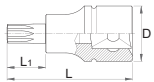
Barcode	+	D	L	L1
612422	TX 20	22.9	100	64
612423	TX 25	22.9	100	64
612424	TX 27	22.9	100	64
612425	TX 30	22.9	100	64
612426	TX 40	22.9	100	64
612427	TX 45	22.9	100	64
612428	TX 50	22.9	100	64
612429	TX 55	22.9	100	64
612430	TX 60	22.9	100	64
619857	TX 70	24.3	105	65
619858	TX 80	24.3	105	65
619859	TX 90	26.8	105	65
619860	TX 100	26.8	105	65



192/2ZX

Screwdriver socket 1/2" with ZX profile

- material: socket: chrome molybdenum, chrome plated, polished
- material: bit: special tool steel, anticorrosive oiled
- entirely hardened and tempered

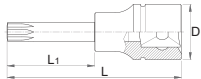


Barcode	Profile	D	L	L1
612165	M 5	22.9	52	16
612166	M 6	22.9	52	16
612167	M 8	22.9	52	16
612168	M 10	22.9	57	21
612169	M 12	22.9	57	21
612170	M 14	22.9	57	21
620257	M 16	22.9	57	21

192/2ZXL

Long screwdriver socket 1/2" with ZX profile

- material: socket: chrome molybdenum, chrome plated, polished
- material: bit: special tool steel, anticorrosive oiled
- entirely hardened and tempered



Barcode	Profile	D	L	L1
612171	M 6	22.9	100	64
612172	M 8	22.9	100	64
612173	M 10	22.9	100	64
612174	M 12	22.9	100	64
619845	M 14	22.9	100	64
620258	M 16	22.9	100	64

192/10

Screwdriver socket set 1/2" in metal box



Barcode	Nº	Hand
603655	192/10	9
192/2PH (PH 2, PH 3, PH 4), 192/2TX (TX 25, TX 27, TX 30, TX 40, TX 45, TX 50)		

192/11

Screwdriver socket set 1/2" in metal box



Barcode	Nº	Hand
603656	192/11	9
192/2HX (6, 8, 10, 12), 192/2TX (TX 25, TX 27, TX 30, TX 40, TX 45)		

192/12

Set of screwdriver sockets with TX profile 1/2" in metal box



Barcode	Nº	Hand
603657	192/12	9
192/2TX (TX 20, TX 25, TX 27, TX 30, TX 40, TX 45, TX 50, TX 55, TX 60)		

192/13

Screwdriver socket set 1/2" in metal box



Barcode	Nº	Hand
603658	192/13	9
192/2HX (8, 10, 12), 192/2PH (PH 2, PH 3, PH 4), 192/2TX (TX 27, TX 30, TX 45)		

192/14

Hexagonal screwdriver socket set 1/2" in metal box



Barcode	Nº	Hand
607064	192/14	9
192/2HX (5, 6, 7, 8, 9, 10, 12, 14, 17)		

192/14INCH

Hexagonal screwdriver socket set 1/2" in metal box



Barcode	Nº	Hand
621759	192/14INCH	3/16" - 3/4" / 9
192/2HX (3/16", 7/32", 1/4", 5/16", 3/8", 1/2", 9/16", 5/8", 3/4")		

192/15

Set of screwdriver sockets with ZX profile 1/2" in plastic box



Barcode	Nº	Hand icon
617125	192/15	10
192/2ZX (M 5, M 6, M 8, M 10, M 12, M 14), 192/2ZXL (M 6, M 8, M 10, M 12)		

192/16

Set of long hexagonal screwdriver socket 1/2" in plastic box



Barcode	Nº	Hand icon
619416	192/16	5 - 14 / 7
192/2HXL (5, 6, 7, 8, 10, 12, 14)		

192/17

Set of long screwdriver socket with TX profile 1/2" in plastic box



Barcode	Nº	Hand icon
619417	192/17	TX 20 - TX 50 / 7
192/2TXL (TX 20, TX 25, TX 27, TX 30, TX 40, TX 45, TX 50)		

192/18

Adapter set in metal box

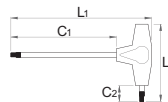


Barcode	Nº	Hand icon
619418	192/18	1/4" - 3/4" / 6
188.7/2 (1/4" - 3/8"), 238.7/1 (3/8" - 1/4", 3/8" - 1/2"), 190.7/2 (1/2" - 3/8", 1/2" - 3/4"), 197.7/1 (3/4" - 1/2")		

193HX

Hexagonal head screwdriver with T-handle

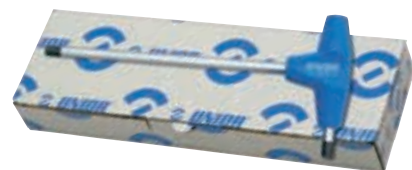
- material: blade - chrome vanadium, entirely hardened and tempered
- handle - polypropylene
- blade chrome plated, blacken tip



Barcode	Hex icon	L1	C1	C2	L2
607161	2.5	155	125	15	61
607162	3	155	125	15	61
607163	3.5	155	125	15	61
607164	4	155	125	15	61
607165	4.5	188	150	20	88
607166	5	188	150	20	88
607167	6	188	150	20	88
607168	7	223	175	25	113
607169	8	223	175	25	113
607170	10	248	200	25	113

193HXCB

Set of hexagonal head screwdrivers in carton box



Barcode	Nº	Hand icon
608879	193HXCB	2.5 - 10 / 10
193HX (2.5, 3, 3.5, 4, 4.5, 5, 6, 7, 8, 10)		



193HXCS

Set of hexagonal head screwdrivers in carton box

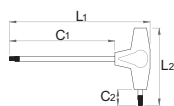
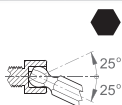


Barcode	Nº	Handedness
607890	193HXCS	2.5 - 10 / 7
	193HX (2.5, 3, 4, 5, 6, 8, 10)	

193HXS

Ball - end hexagonal screwdriver with T - handle

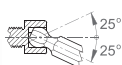
- material: blade - chrome vanadium, entirely hardened and tempered
- handle - polypropylene
- blade chrome plated, blacken tip



Barcode	Hex Size	L1	C1	C2	L2
608276	2.5	155	125	15	61
608277	3	155	125	15	61
608278	4	155	125	15	61
608279	5	188	150	20	88
608280	6	188	150	20	88
608281	8	223	175	25	113
608282	10	248	200	25	113

193HXSCS

Set of ball - end hexagonal screwdrivers in carton box



Barcode	Nº	Handedness
609337	193HXSCS	3 - 10 / 7
	193HXS (2.5, 3, 4, 5, 6, 8, 10)	



193N

Socket wrench with T-handle

- material: blade - chrome vanadium, entirely hardened and tempered
- handle - polypropylene
- Surface finishing: blade chrome plated according to EN 12540



Barcode	Hex Size	D	L	B
621649	5	8.2	230	88
608283	5.5	8.8	230	88
608284	6	9	230	88
608285	7	11	230	88
608286	8	12	230	88
608287	9	13	230	88
608288	10	14	230	88
608289	11	16	230	88
608290	12	17.5	230	88
608291	13	18	230	88
608292	14	20	230	88
608293	15	22	230	88
608294	16	22	230	88
608295	17	23	230	88

193NTX

Socket with internal TX profile and T-handle

- material: blade - chrome vanadium, entirely hardened and tempered
- handle - polypropylene
- Surface finishing: blade chrome plated according to EN 12540

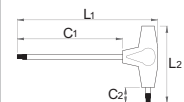


Barcode	TX Profile	D	L	B
621376	E10	13	230	89

193TX

TX profile screwdriver with T-handle

- material: blade - chrome vanadium, entirely hardened and tempered
- handle - polypropylene
- blade chrome plated, blacken tip



Barcode	TX Profile	L1	C1	C2	L2
607171	TX 6	155	125	15	61
607172	TX 7	155	125	15	61
607173	TX 8	155	125	15	61
607174	TX 9	155	125	15	61
607175	TX 10	155	125	15	61
607176	TX 15	155	125	15	61
607177	TX 20	155	125	15	61
607178	TX 25	188	150	20	88
607179	TX 27	188	150	20	88
607180	TX 30	188	150	20	88
607181	TX 40	223	175	25	113
607182	TX 45	223	175	25	113


193TXCB

Set of TX profile screwdrivers with T handle in carton box 



Barcode	Nº	Hand icon
608880	193TXCB	TX 6 - TX 45 / 10
193TX (TX 6, TX 8, TX 10, TX 15, TX 20, TX 25, TX 27, TX 30, TX 40, TX 45)		


193TXCS

Set of TX profile screwdrivers with T handle in carton box 



Barcode	Nº	Hand icon
607888	193TXCS	TX 10 - TX 45 / 7
193TX (TX 10, TX 15, TX 20, TX 25, TX 30, TX 40, TX 45)		

193TXMS

Set of TX profile screwdrivers with T handle on metal stand 



Barcode	Nº	Hand icon
607889	193TXMS	TX 6 - TX 45 / 10
193TX (TX 6, TX 8, TX 10, TX 15, TX 20, TX 25, TX 27, TX 30, TX 40, TX 45)		

194/1A1

Flexible socket wrench with T-handle 

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- entirely hardened and tempered



Barcode	Hexagon	D	B	L
607992	6	10.5	165	400
607993	7	11.5	165	400
607994	8	12.5	165	400
607995	9	13.8	175	450



Barcode	Hexagon	D	B	L
607996	10	15	175	450
607997	11	16.5	175	450
607998	12	17.5	175	450
607999	13	19	175	450
608101	14	20.5	180	500
608102	15	21.7	180	500
608103	16	23	180	500
608104	17	24	180	500
608105	18	25.4	180	500
608106	19	26.6	220	500
608107	20	27.7	220	500
608108	21	29	220	500
608109	22	30.5	220	500
608110	24	33	220	500

194/2B1

3/8" drive swivel with T-handle 

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- entirely hardened and tempered



Barcode	Drive	B	L
608113	3/8"	200	450

194/1B2


1/2" drive swivel with T-handle 

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- entirely hardened and tempered



Barcode	Drive	B	L
608114	1/2"	250	500

194/2C1

Flexible hexagonal wrench with T-handle 

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- entirely hardened and tempered



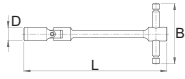
Barcode	Hexagon	B	L
608117	3	200	400
608118	4	200	400
608119	5	200	400
608120	6	200	400
608121	8	200	400



194/2D1

T - handle spark plug wrench swiveling socket

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- entirely hardened and tempered

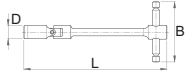


Barcode	mm	D	B	L
608111	16	21	250	300
608112	20.8	27	250	300

194/2D1L

T - handle spark plug wrench swiveling socket, long type

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- entirely hardened and tempered

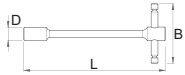


Barcode	mm	D	B	L
608115	16	21	250	500
608116	20.8	27	250	500

196/2

Socket wrench with T-handle

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- entirely hardened and tempered

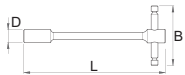


Barcode	mm	D	B	L
602075	8	12.5	165	235
602076	10	15	180	260
605000	11	16	180	260
605001	12	18	180	260
602077	13	19.2	180	260
605002	14	20.2	180	260
602078	17	24	220	285

196/1A1

Socket wrench with T-handle

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- entirely hardened and tempered



Barcode	mm	D	B	L
608122	6	9.4	165	300
608123	7	11	165	300

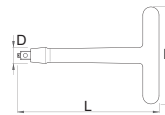
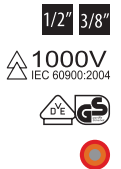


Barcode	mm	D	B	L
608124	8	12.2	165	300
608125	9	13	175	300
608126	10	14.6	175	300
608127	11	16	175	300
608128	12	17.2	175	300
608129	13	18	175	300
608130	14	19.7	180	300
608131	15	22	180	300
608132	16	23	180	300
608133	17	24	180	300
608134	18	25.5	180	300
608135	19	26.6	220	300
608136	20	28	220	300
608137	21	29	220	300
608138	22	30	220	300
608139	24	33	220	300

196/2BVDEDP

Insulated T-handle

- material: chrome vanadium
- head: chrome plated according to EN12540
- double layered - double coloured insulation enable additional safety
- if second layer is visible, replace your VDE tool with the new one.
- entirely hardened and tempered
- controled with electrical test
- made according to standard EN60900

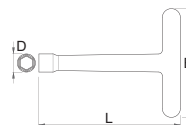


Barcode	mm	L	D	B
619116	3/8"	210	20	145
619117	1/2"	210	24	145

196/2LVDEDP

Insulated socket wrench with T-handle, long type

- material: chrome vanadium
- head: chrome plated according to EN12540
- double layered - double coloured insulation enable additional safety
- if second layer is visible, replace your VDE tool with the new one.
- entirely hardened and tempered
- controled with electrical test
- made according to standard EN60900



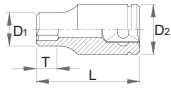
Barcode	mm	L	B	D
619143	10	300	160	20
619150	11	300	160	21
619151	12	300	160	24
619152	13	300	160	24
619153	14	300	160	27
619154	17	300	160	30
619155	19	300	160	32
619156	20	300	160	34
619157	21	300	160	34
619158	22	300	160	34
619159	23	300	160	45
619160	24	300	160	45



197/1 6p

Socket 3/4"

- material: chrome molybdenum
- surface finish: chrome plated according to EN12540
- polished
- torque: DIN 899 range E
- drop forged, entirely hardened and tempered
- made according to standard ISO 2725-1 (only metric dimension)

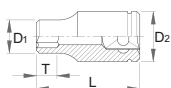


Barcode	mm	D1	D2	L	T
619698	19	29.2	32.9	50	14.5
602723	22	32.2	36	50	14
602724	23	33.2	36	50	14
602725	24	34.2	36	51	16
602726	26	37	36	52	16
602727	27	38	36	52	22
602728	28	39	36	52	22
619702	29	38	40.6	51.8	24.1
602729	30	42	38	54	24
602730	32	44	38	56	26
602731	34	47	38	56	26
619701	35	42.1	48.2	58	30.3
602732	36	50	42	58	28
602733	38	52	45	60	28
602734	41	56	45	64	30
602735	46	62	48	68	34
602736	50	68	48	72	36
617527	55	48	74	76	32
603135	60	80	48	78	42
609383	7/8"	32.2	36	50	14
609384	15/16"	34.2	36	51	16
609385	1"	37	36	52	16
609386	1.1/16"	38	36	52	22
609387	1.1/8"	40	38	52	22
609388	1.1/4"	44	38	56	24
609389	1.5/16"	46	38	56	26
609390	1.3/8"	48	42	58	26
609391	1.7/16"	50	42	58	28
609392	1.1/2"	52	45	60	28
609393	1.5/8"	56	45	64	30
609394	1.11/16"	58	45	65	32
609395	1.13/16"	62	48	68	34
609396	1.7/8"	64	48	70	34
609397	2"	68	48	72	36
609398	2.1/16"	70	48	72	36

197/1 12p

Socket 3/4", 12 point

- material: chrome molybdenum
- surface finish: chrome plated according to EN12540
- polished
- drop forged, entirely hardened and tempered
- made according to standard ISO 2725-1 (only metric dimension)



Barcode	mm	D1	D2	L	T
618666	22	32.2	36	50	14
618667	23	33.2	36	50	14

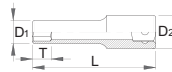


Barcode	mm	D1	D2	L	T
618668	24	34.2	36	51	16
618669	26	37	36	52	16
618670	27	38	36	52	22
618671	28	39.5	36	52	22
619703	29	38	40.4	52.2	24.5
618672	30	42	38	54	24
618673	32	44	38	56	26
618674	34	47	38	56	26
618675	36	50	42	58	28
618676	38	52	45	60	28
618677	41	56	45	64	30
618678	46	62	47	68	34
618679	50	68	48	72	36
618680	55	74	48	76	40
618681	60	80	48	78	42

197/1L6p

Socket 3/4", long type

- material: chrome molybdenum
- surface finish: chrome plated according to EN12540
- polished
- drop forged, entirely hardened and tempered
- made according to standard ISO 2725-1 (only metric dimension)



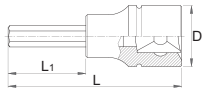
Barcode	mm	D1	D2	L	T
610797	22	32.2	36	90	26
610798	23	33.2	36	90	26
610799	24	34.2	36	90	26
610800	26	37	36	90	28
610801	27	38	36	90	28
610802	28	39	38	90	28
610803	30	42	40	90	28
610804	32	44	42	90	28
610805	34	47	44	90	28
610806	36	50	44	90	30
610807	38	52	44	90	34
610808	41	56	44	90	34
610809	46	62	44	90	34
610810	50	68	44	90	36
618700	55	74	54	90	38
610811	60	80	54	90	40
610812	7/8"	32.2	36	90	26
610813	15/16"	34.2	36	90	26
610814	1"	37	36	90	26
610815	1.1/16"	38	36	90	28
610816	1.1/8"	40	38	90	28
610817	1.1/4"	44	42	90	28
610818	1.5/16"	46	44	90	30
610819	1.3/8"	48	44	90	30
610820	1.7/16"	50	44	90	30
610821	1.1/2"	52	44	90	34
610822	1.5/8"	56	44	90	34
610823	1.11/16"	60	44	90	34
610824	1.13/16"	62	44	90	34
610825	1.7/8"	64	44	90	34
610826	2"	68	44	90	36
610827	2.1/16"	70	54	90	36



197/2AHX

Hexagonal screwdriver socket 3/4"

- material: socket: chrome molybdenum, chrome plated, polished
- material: bit: special tool steel, anticorrosive oiled
- made according to standard DIN 7422 (only metric dimension)
- entirely hardened and tempered

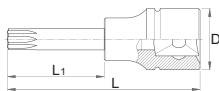


Barcode	Hexagon Size	D	L	L1
619836	14	33.85	80	30
619837	17	33.85	80	30
619838	19	33.85	80	30
619839	22	33.85	80	30

197/2ATX

Screwdriver socket with TX profile 3/4"

- material: socket: chrome molybdenum, chrome plated, polished
- material: bit: special tool steel, anticorrosive oiled
- entirely hardened and tempered

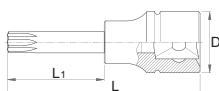


Barcode	TX Profile	D	L	L1
619840	60	33.85	80	30
619841	70	33.85	80	30
619842	80	33.85	80	30
619843	90	33.85	80	30
619844	100	33.85	80	30

197/2AZX

Screwdriver socket 3/4" with ZX profile

- material: socket: chrome molybdenum, chrome plated, polished
- material: bit: special tool steel, anticorrosive oiled
- entirely hardened and tempered



Barcode	Profile	D	L	L1
620816	M14	33.9	80	30
620817	M16	33.9	80	30
620818	M18	33.9	80	30

197.1/1

Reversible ratchet 3/4"

- material: special tool steel
- body drop forged
- entirely hardened and tempered
- surface finish: chrome plated to standard EN 12540
- made according to standard ISO 3315

3/4"



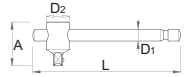
Barcode	Size	A	B	L
602737	3/4"	58	63.5	500

197.3/1

Sliding T-handle 3/4"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- polished head
- made according to standard ISO 3315
- entirely hardened and tempered

3/4"



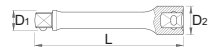
Barcode	Size	A	D1	D2	L
602738	3/4"	60	20	37	455

197.4/1

Extension bar 3/4"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- polished head
- drop forged, entirely hardened and tempered
- made according to standard ISO 3316

3/4"



Barcode	Size	L	D1	D2
602739	3/4"	400	25.3	36
602740	3/4"	200	25.3	36

197.6/1

Universal joint 3/4"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- drop forged, entirely hardened and tempered
- made according to standard ISO 3316

3/4"



Barcode	Size	D	L
617657	3/4"	40	107



197.7/1

Adaptor 3/4"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- polished head
- drop forged, entirely hardened and tempered
- made according to standard ISO 3316



Barcode	Size	L	D
602741	3/4" - 1/2"	54	34
610695	3/4" - 1"	62	38

197.11

Set of spare parts for 197.1/1



Barcode	Quantity
616806	11

197MB1

Socket set 3/4" in metal box



Barcode	No	Quantity
602742	197MB1	22 - 46 / 14
197/1 6p (22, 24, 27, 30, 32, 36, 38, 41, 46), 197.1/1 (3/4" x 500), 197.3/1 (3/4"), 197.4/1 (400, 200), 197.7/1 (3/4" - 1/2")		



197MB2

Socket set 3/4" in metal box



Barcode	No	Quantity
600954	197MB2	22 - 50 / 14
197/1 6p (22, 24, 27, 30, 32, 36, 38, 41, 46, 50), 197.1/1 (3/4" x 500), 197.3/1 (3/4"), 197.4/1 (400, 200)		

197MB3

Socket sets 3/4", inch sizes in metal box



Barcode	No	Quantity
617119	197MB3	7/8" - 1.7/8" / 14
197/1 6p (7/8", 15/16", 1", 1.1/16", 1.1/8", 1.1/4", 1.3/8", 1.1/2", 1.5/8", 1.7/8"), 197.1/1 (3/4" x 500), 197.3/1 (3/4"), 197.4/1 (400, 200)		

197MB4

Socket set 3/4" in metal box

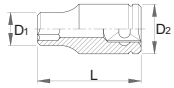


Barcode	No	Quantity
619927	197MB4	22 - 55 / 15
197/1 6p (22, 24, 27, 30, 32, 36, 41, 46, 55), 197.1/1 (3/4" x 500), 197.3/1 (3/4"), 197.4/1 (400, 200), 197.6/1 (3/4"), 197.7/1 (3/4" - 1/2")		

199/1 6p

Socket 1"

- material: chrome molybdenum
- surface finish: chrome plated according to EN12540
- polished
- drop forged, entirely hardened and tempered
- made according to standard ISO 2725-1 (only metric dimension)

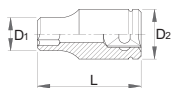


Barcode	Symbol	D1	D2	L	T
603096	46	65	50	75	34
603097	50	70	55	75	34
603098	55	76	57	80	40
603099	60	82	57	84	42
603100	65	88	57	87	44
603101	70	94	68	93	48
603102	75	100	68	97	52
603103	80	105	68	103	54

199/1 12p

Socket 1", 12 point

- material: chrome molybdenum
- surface finish: chrome plated according to EN12540
- polished
- drop forged, entirely hardened and tempered
- made according to standard ISO 2725-1 (only metric dimension)

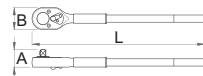


Barcode	Symbol	D1	D2	L	T
618699	65	82	56.9	84	42

199.1/1

Reversible ratchet 1"

- material: special tool steel
- body drop forged
- entirely hardened and tempered
- surface finish: chrome plated according to standard EN 12540
- made according to standard ISO 3315



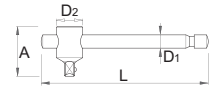
Barcode	Symbol	A	B	L
603104	1"	71	71.5	665



199.3/1

Sliding T-handle 1"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- polished head
- made according to standard ISO 3315
- entirely hardened and tempered

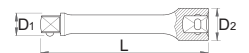


Barcode	Symbol	A	D1	D2	L
603105	1"	80	28	49	560

199.4/1

Extension bar 1"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- polished head
- drop forged, entirely hardened and tempered
- made according to standard ISO 3316



Barcode	Symbol	L	D1	D2
603106	1"	400	33.6	48
603107	1"	200	33.6	48

199.6/1

Universal joint 1"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- polished head
- drop forged, entirely hardened and tempered
- made according to standard ISO 3316



Barcode	D	L
617658	49	141

199.7/1

Adapter 1"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- polished head
- drop forged, entirely hardened and tempered
- made according to standard ISO 3316



Barcode	Symbol	D	L
619905	1" - 3/4"	48	65

199.11

Set of spare parts for 199.1/1



616807 11

200/2CB

Set of starter and block wrenches in carton box



600677 200/2CB 11 - 22 / 5
200/2 (11 x 13, 13 x 17, 14 x 17, 15 x 16, 19 x 22)

199MB1

Socket set 1" in metal box



603095 199MB1 46 - 80 / 12
199/1 6p (46, 50, 55, 60, 65, 70, 75, 80), 199.1/1 (1"), 199.3/1 (1"), 199.4/1 (400, 200)

202/1

Double swivel end socket wrench

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

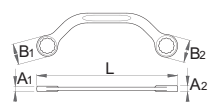


	mm	L	D1	D2
609132	8 x 9	198	12	13
609133	8 x 10	200.5	12	14.6
609134	10 x 11	214	14.6	16
609135	12 x 13	227	17	18
609136	13 x 17	242	18	23
609137	14 x 15	241	19.5	20.5
609138	16 x 17	255	22	24
609139	18 x 19	273	24.5	26
609140	19 x 22	291.5	26	30
609141	20 x 22	295	27.5	30
609142	21 x 23	298	29	31
609143	24 x 27	323	32	36
609144	30 x 32	363	40	42

200/2

Starter and block wrench

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- ring part with LIFE profile
- drop forged, entirely hardened and tempered



	mm	L	B1	B2	A1	A2
600671	11 x 13	150	16.5	19	7	8.5
600672	13 x 17	185	19.2	24.2	8.7	10.3
600673	14 x 17	185	20.5	24.2	8.7	10.3
600674	15 x 16	185	21.6	23.6	8.7	10.3
600675	15 x 17	185	21.6	24.2	8.7	10.3
600676	19 x 22	230	27.2	31.8	10	11.5

202/1CB

Set of double swivel end socket wrenches in carton box



609145 202/1CB 8 - 22 / 7
202/1 (8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22)

609146 202/1CB 8 - 32 / 10
202/1 (8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 27, 30 x 32)

202/1CT

Set of double swivel end socket wrenches in bag



Barcode	Nº	Hand icon
615472	202/1CT	8 - 22 / 8
202/1 (8 x 9, 10 x 11, 12 x 13, 13 x 17, 14 x 15, 16 x 17, 18 x 19, 20 x 22), CT129		

202/1TX

Double swivel end socket wrench with internal TX profile



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



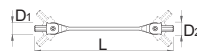
Barcode	Icon	L	D1	D2
619861	E6 x E8	182	13	13
619862	E10 x E12	198	15	15
619863	E14 x E18	226	19	22
619864	E20 x E24	226	22	26

202/2AHX

Double swivel end hexagon wrench



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



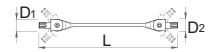
Barcode	Icon	L	D1	D2
619870	3 x 4	207.5	15	15
619871	5 x 6	226	18	18
619872	8 x 10	242	20	20
619873	12 x 14	248	22	22
619874	17 x 19	285	24	30
619875	1/8" x 5/32"	207.5	15	15
619876	3/16" x 7/32"	223	18	18
619877	1/4" x 5/16"	225	18	20
619878	3/8" x 1/2"	240	20	22
619879	9/16" x 5/8"	255	22	24

202/2ATX

Double swivel end wrench with TX profile



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

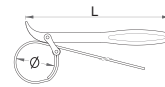


Barcode	Icon	L	D1	D2
619865	TX15 x TX20	208	15	15
619866	TX25 x TX27	208	15	15
619867	TX30 x TX40	208	15	15
619868	TX45 x TX50	226	18	18
619869	TX55 x TX60	240	20	20

205/2

Strap wrench

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- drop forged, entirely hardened and tempered
- strap from rubberized cloth



Barcode	L	Ø	Ø
601024	220	60	140

205.1

Strap for 205/2

- strap from rubberized cloth

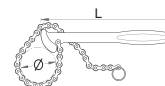


602841

206/2

Chain wrench

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



Barcode	L	Ø	Ø
601025	220	60	140

206.1

Chain for 206/2



620938

L
500

210/2

Wheel nut wrench

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



Barcode	mm	L1	L2
600782	17	255	27
600783	19	285	29.5

212/2

Wheel nut wrench

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- drop forged, entirely hardened and tempered
- made according to standard ISO DIN 3112

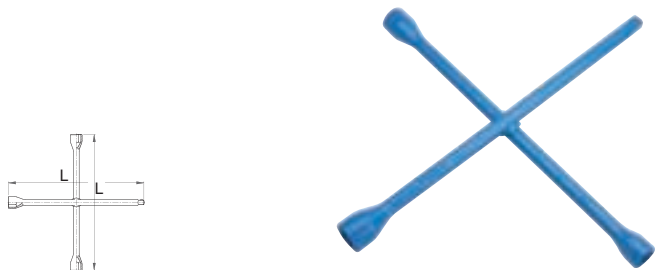


Barcode	mm	L1	D1	L2	D2
600785	17	260	26	300	12
600786	19	280	28.5	300	12
600787	22	300	32	300	12
600788	24	315	33.5	400	14
600789	27	355	38.5	400	20
600790	30	425	42.5	400	20
600791	32	430	48	400	20
609815	33	430	48	400	20

213/6

Four way rim wrench

- material: chrome vanadium
- lacquered
- drop forged, entirely hardened and tempered
- made according to standard ISO 6788 (only metric dimension)



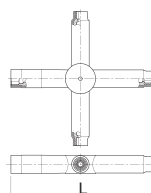
Barcode	mm	mm	mm	mm	L
600810	17	19	11/16"	1/2"	370
600811	17	19	22	1/2"	370
600809	17	19	21	23	370
600812	17	19	22	24	370
600813	24	27	30	3/4"	700
600814	24	27	30	32	700

213/2VDEDP

Insulated four way rim wrench

- double layered - double coloured insulation enable additional safety
- if second layer is visible, replace your VDE tool with the new one.
- head: chrome plated according to EN12540
- controlled with electrical test
- made according to standard EN60900

1000V
IEC 60900:2004

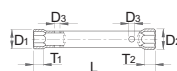


Barcode	mm	mm	mm	mm	L
619093	10	11	14	17	207
619094	11	12	13	17	207
619095	10	13	14	17	207
619096	11	13	14	17	207
619097	13	17	19	22	207

215/2

Tubular box wrench

- material: chrome molybdenum
- surface finish: chrome plated according to EN12540
- entirely hardened and tempered
- made according to standard DIN 896 (only metric dimension)

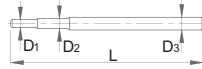


Barcode	mm	L	D1	D2	D3	T1	T2
600696	6 x 7	105	10	11.2	6.3	8	8
600697	8 x 9	105	12.7	14	6.3	9	9
600698	8 x 10	120	12.8	15	6.3	8	8
600699	10 x 11	120	15.5	16.7	6.3	10	10
600700	12 x 13	140	18.2	19.5	8.5	12	12
600717	13 x 17	150	20	24.6	10.5	13	13
600701	14 x 15	140	21.2	22.3	8.5	14	14
600718	14 x 17	150	21.2	24.6	10.5	13	13
600702	16 x 17	150	23.5	24.6	10.5	15	15
607957	16 x 18	100	23.5	25.8	10.5	14	14
600719	17 x 19	160	24.6	27	12.5	16	16
607958	17 x 21	165	24.6	29.3	12.5	16	16
600703	18 x 19	155	25.8	27	12.5	16	16
605043	18 x 21	160	25.8	29.3	12.5	16	16
605044	19 x 22	170	27	31.4	12.5	18	18
607960	19 x 24	160	27	33.7	14.5	20	20
600705	20 x 22	165	29	31.4	12.5	18	18
600706	21 x 23	165	30.3	32.5	14.5	20	20
607962	22 x 24	160	31.4	33.7	14.5	20	20
600707	24 x 26	180	33.7	36	14.5	22	22
600723	24 x 27	190	33.7	37.2	14.5	22	22
600708	25 x 28	200	34.8	38.3	16.5	24	24
607964	27 x 29	200	38.1	40.5	16.5	25	25
617633	27 x 30	200	38.1	41.6	16.5	25	25
600709	27 x 32	200	38.1	44	16.5	27	27
602557	30 x 32	200	41.6	44	16.5	27	27
603128	30 x 36	215	42.6	49.6	18.5	28	28
603129	36 x 41	215	51.6	57.4	18.5	31	31
618575	41 x 46	235	52	57	22	34	34
618576	46 x 50	235	59	63	22	68	68
618577	50 x 55	235	63	68	22	75	75

215.1/2

Rod for 215/2

- material: special tool steel
- surface finish: chrome plated according to EN12540
- entirely hardened and tempered

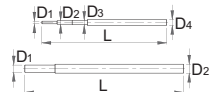


Barcode	mm	L	D1	D2	D3
600745	6 - 17	230	6	8	10
600747	18 - 41	330	12	14	16

216.1

Rod for 216/1

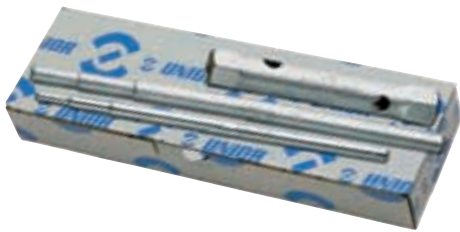
- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- entirely hardened and tempered



Barcode	mm	D1	D2	D3	D4	L
615243	6 - 19	3.5	4.5	5.5	7.5	165
615244	20 - 32	9.5	11.8	0	0	210

215/2CB

Set of tubular box wrenches in carton box



Barcode	Nº	mm
600710	215/2CB	6 - 32 / 14
215/2 (6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 26, 25 x 28, 27 x 32), 215.1/2 (6 - 17, 18 - 41)		

216/1CB

Set of forged tubular box wrenches in carton box

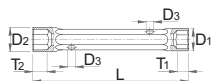


Barcode	Nº	mm
615252	216/1CB	6 - 22 / 9
216/1 (6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22), 216.1 (6 - 19)		
615253	216/1CB	6 - 32 / 14
216/1 (6 x 7, 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 17, 18 x 19, 20 x 22, 21 x 23, 24 x 27, 25 x 28, 30 x 32), 216.1 (6 - 19, 20 - 32)		

216/1

Forged tubular box wrench

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- polished head
- entirely hardened and tempered
- made according to standard DIN 896 (only metric dimension)

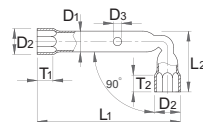


Barcode	mm	L	D1	D2	T1	T2	D Ø
615229	6 x 7	105	10	11	5	6	4
615230	8 x 9	110	12.5	13.5	6	7	5
615231	10 x 11	120	15	16	7.5	8	7
615232	12 x 13	140	17.5	19	8	9.5	8
615233	14 x 15	145	20	21.5	10	11	8
615234	16 x 17	155	22.5	24	11	12	10
615235	18 x 19	165	25.5	26	13	15	12
615236	20 x 22	175	28	30	15	16	14
615237	21 x 23	185	29	31	16	17	14
617640	22 x 24	185	30	32.5	16	19	14
615238	24 x 26	195	32.5	36.5	19	21	18
615239	24 x 27	195	32.5	36.5	19	21	18
615240	25 x 28	205	34	37	19	21	18
615241	27 x 29	205	36	39	21	22	18
617641	27 x 30	205	36	42	21	22	22
615242	30 x 32	210	40	42.5	22	26	22
617642	32 x 36	230	44	50	26	30	22

217/2

Offset tubular box wrench

- material: chrome molybdenum
- surface finish: chrome plated according to EN12540
- Applications: In industry or repair shops for working in inaccessible areas. The through hole enables tightening of fasteners with a long projecting thread.
- entirely hardened and tempered



Barcode	mm	L	L1	D1	D2	D3	T1	T2
617051	4	115	94	7	4	4.3	4.5	4.5
617052	5	115	94	7	5	4.3	5	5
617053	5.5	115	94	7	5.5	4.3	5	5
617054	6	121	100	9	6	6.3	5.5	5.5
617055	7	125	102	9	7	6.3	5.5	5.5
617056	8	135	110	11	8	6.3	6.5	6.5
617057	9	135	110	11	9	6.3	6.5	6.5
617058	10	150	118	13	10	6.3	7.5	7.5
617059	11	150	121	13	11	6.3	7.5	7.5
617060	12	165	124	16	12	8.5	9	9
617061	13	165	128	16	13	8.5	9	9
617062	14	175	135	18	14	8.5	10.5	10.5
617063	15	175	137	18	15	8.5	10.5	10.5
617064	16	185	141	20	16	10.5	11.5	11.5
617065	17	185	141	20	17	10.5	11.5	11.5
617066	18	20	151	22	18	12.5	14	14

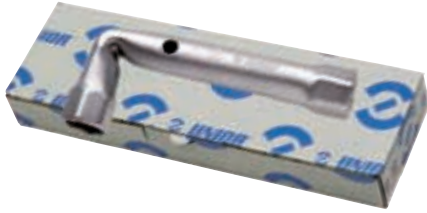




Barcode	Hex	L	L1	D1	D2	D3	T1	T2
617067	19	200	151	22	19	12.5	14	14
617068	20	210	158	25	20	12.5	15.5	15.5
617069	21	210	158	25	21	12.5	15.5	15.5
617070	22	220	170	25	22	12.5	15.5	15.5
617071	23	225	170	27	23	14.5	16	16
617072	24	230	175	30	24	14.5	17	17
617073	27	230	182	30	27	14.5	20	20
617074	30	260	195	34	30	16.5	21.5	21.5
617075	32	280	210	34	32	16.5	23	23

217/2CB

Set of offset tubular box wrenches in carton box



Barcode	Nº	Hand
617123	217/2CB	6 - 22 / 11
	217/2	(6, 7, 8, 10, 11, 12, 13, 14, 17, 19, 22)
617124	217/2CB	6 - 22 / 17
	217/2	(6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22)

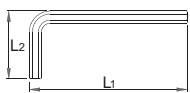


220/3

Hexagon wrench



- material: chrome vanadium
- entirely hardened and tempered
- surface finish: nickel plated
- made according to standard ISO 2936 (only metric dimension)



Barcode	Hex	L1	L2
607823	1.5	46.5	15.5
607824	2	52	18
607825	2.5	58.5	20.5
601036	3	66	23
601037	4	74	29
601038	5	85	33
601040	6	96	38
601041	7	102	41
601042	8	108	44
601044	10	122	50



Barcode	Hex	L1	L2
601045	12	137	57
601046	14	154	70
601047	17	177	80
601048	19	199	89
616966	1/20"	41	13
616967	3/64"	41	13
616968	7/64"	66	23
616969	9/64"	72	26
611905	1/16"	47	16
611906	5/64"	52	18
611907	3/32"	58	20
611908	1/8"	66	23
611909	5/32"	74	29
611910	3/16"	85	33
611911	7/32"	91	36
611912	1/4"	96	38
611913	5/16"	108	44
611914	3/8"	122	50
611915	7/16"	130	53
611916	1/2"	145	63
616970	9/16"	154	69
616971	5/8"	176	76
616972	3/4"	199	89
616973	7/8"	222	102
616974	1"	275	125

220FH

Set of hexagon wrenches in folding holder



Barcode	Nº	Hand
617146	220FH	2.5 - 10 / 7
	220/3	(2.5, 3, 4, 5, 6, 8, 10)
617148	220FH	3/32" - 5/16" / 6
	220/3	(3/32", 1/8", 5/32", 3/16", 1/4", 5/16")
617149	220FH	3/32" - 3/8" / 7
	220/3	(3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8")

220/3PB

Set of hexagon wrenches in plastic wallet



Barcode	Nº	Hand
601057	220/3PB	3 - 10 / 6
	220/3	(3, 4, 5, 6, 8, 10)
601059	220/3PB	3 - 14 / 8
	220/3	(3, 4, 5, 6, 8, 10, 12, 14)
601061	220/3PB	3 - 19 / 10
	220/3	(3, 4, 5, 6, 8, 10, 12, 14, 17, 19)



220/3PB1

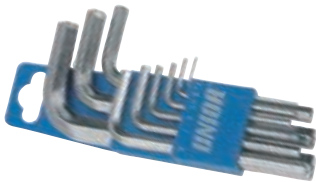
Set of hexagon wrenches in plastic box



Barcode	Nº	Hand icon
610914	220/3PB1 220/3 (2, 2.5, 3, 4, 5, 6, 8, 10)	2 - 10 / 8
612161	220/3PB1 220/3 (5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8")	5/64" - 3/8" / 8

220/3PH

Set of hexagon wrenches on plastic clip



Barcode	Nº	Hand icon
607852	220/3PH 220/3 (1.5, 2, 2.5, 3, 4, 5, 6, 8, 10)	1.5 - 10 / 9
617079	220/3PH 220/3 (1.5, 2, 2.5, 3, 4, 5, 6, 8, 10, 12)	1.5 - 12 / 10
617081	220/3PH 220/3 (1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8")	1/16" - 3/8" / 9

220/3MH

Set of hexagon wrenches in metal folding holder



Barcode	Nº	Hand icon
610986	220/3MH 220/3 (2.5, 3, 4, 5, 6, 8, 10)	2.5 - 10 / 7

220/4

Hexagon wrench

- material: chrome vanadium
- entirely hardened and tempered
- surface finish: phosphated to standard DIN 12476
- made according to standard ISO 2936 (only metric dimension)



Barcode	Hexagon size	L1	L2
618817	1.5	46.5	15.5
618818	2	52	18



Barcode	Hexagon size	L1	L2
618819	2.5	58.5	20.5
618820	3	66	23
618821	4	74	29
618822	5	85	33
618823	6	96	38
618824	7	102	41
618825	8	108	44
618826	10	122	50
618829	12	137	57
618831	14	154	70
618833	17	177	80
618835	19	199	89
618839	3/64"	41	13
618816	1/20"	41	13
618828	1/16"	47	16
618843	5/64"	52	18
618837	3/32"	58	20
618847	7/64"	66	23
618834	1/8"	66	23
618850	9/64"	72	26
618842	5/32"	74	29
618836	3/16"	85	33
618846	7/32"	91	36
618832	1/4"	96	38
618841	5/16"	108	44
618840	3/8"	122	50
618845	7/16"	130	53
618830	1/2"	145	63
618849	9/16"	154	69
618844	5/8"	176	76
618838	3/4"	199	89
618848	7/8"	222	102
618827	1"	275	125

220/4PH

Set of hexagon wrenches on plastic clip



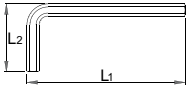
Barcode	Nº	Hand icon
619404	220/4PH 220/4 (1.5, 2, 2.5, 3, 4, 5, 6, 8, 10)	1.5 - 10 / 9
619405	220/4PH 220/4 (1.5, 2, 2.5, 3, 4, 5, 6, 8, 10, 12)	1.5 - 12 / 10
619406	220/4PH 220/4 (1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8")	1/16" - 3/8" / 9



220/3L

Hexagon wrench, long type

- material: chrome vanadium
- entirely hardened and tempered
- surface finish: nickel plated
- made according to standard ISO 2936 (only metric dimension)



Barcode	Hexagon Size	L1	L2
608510	1.5	91.5	15.5
608511	2	102	18
608512	2.5	114.5	20.5
608513	3	129	23
608514	4	144	29
608515	5	165	33
608516	6	186	38
608517	7	197	41
608518	8	208	44
608519	10	234	50
608520	12	262	57
608521	14	294	70
608522	17	337	80
608523	19	379	89
616975	1/16"	92	16
616976	5/64"	102	18
616977	3/32"	114	20
616978	1/8"	129	23
616979	9/64"	140	26
616980	5/32"	144	29
616981	3/16"	165	33
616982	7/32"	176	36
616983	1/4"	186	38
616984	5/16"	208	44
616985	3/8"	234	50
616986	7/16"	261	53
616987	1/2"	293	63
616988	9/16"	294	69
616989	5/8"	336	76
616990	3/4"	379	89

220/3LPB2

Set of hexagon wrenches, long type in plastic box



Barcode	Hexagon Size	Quantity
610915	220/3LPB2	2 - 10 / 8
	220/3L	(2, 2.5, 3, 4, 5, 6, 8, 10)

220/3LPH

Set of hexagon wrenches, long type on plastic clip



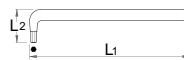
Barcode	Hexagon Size	Quantity
608533	220/3LPH	1.5 - 10 / 9
	220/3L	(1.5, 2, 2.5, 3, 4, 5, 6, 8, 10)
617080	220/3LPH	1.5 - 12 / 10
	220/3L	(1.5, 2, 2.5, 3, 4, 5, 6, 8, 10, 12)
617082	220/3LPH	1/16" - 3/8" / 9
	220/3L	(1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8")

220/3LVDEDP

Insulated hexagon wrench

- material: chrome vanadium
- double layered - double coloured insulation enable additional safety
- if second layer is visible, replace your VDE tool with the new one.
- controlled with electrical test
- made according to standard EN60900
- entirely hardened and tempered

1000V
IEC 60900:2004

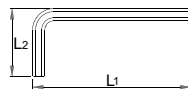


Barcode	Hexagon Size	L1	L2
619136	3	130	26
619137	4	145	31
619138	5	165	36
619139	6	188	40
619140	8	206	49
619141	10	234	55
619142	12	262	58

220/4L

Hexagon wrench, long type

- material: chrome vanadium
- entirely hardened and tempered
- surface finish: phosphated to standard DIN 12476
- made according to standard ISO 2936 (only metric dimension)



Barcode	Hexagon Size	L1	L2
618786	1.5	91.5	15.5
618787	2	102	18
618788	2.5	114.5	20.5
618789	3	129	23
618790	4	144	29
618791	5	165	33
618792	6	186	38
618793	7	197	41
618794	8	208	44
618795	10	234	50
618797	12	262	57
618799	14	294	70
618801	17	337	80
618803	19	379	89
618796	1/16"	92	16



Barcode	Hexagon Size	L1	L2
618810	5/64"	102	18
618805	3/32"	114	20
618802	1/8"	129	23
618815	9/64"	140	26
618809	5/32"	144	29
618804	3/16"	165	33
618813	7/32"	176	36
618800	1/4"	186	38
618808	5/16"	208	44
618807	3/8"	234	50
618812	7/16"	261	53
618798	1/2"	293	63
618814	9/16"	294	69
618811	5/8"	336	76
618806	3/4"	379	89

220/4LPH

Set of hexagon wrenches, long type on plastic clip



Barcode	Nº	Hand Icon
619407	220/4LPH 220/4L (1.5, 2, 2.5, 3, 4, 5, 6, 8, 10)	1.5 - 10 / 9
619408	220/4LPH 220/4L (1.5, 2, 2.5, 3, 4, 5, 6, 8, 10, 12)	1.5 - 12 / 10
619409	220/4LPH 220/4L (1/16", 5/64", 3/32", 1/8", 5/32", 3/16", 1/4", 5/16", 3/8")	1/16" - 3/8" / 9

220TVDE

Insulated hexagon T wrench

- controlled with electrical test
- made according to standard EN60900



Barcode	Hexagon Size	L	B
619132	4	200	69
619133	5	203	69
619134	6	207	98
619135	8	209	99

220TVDE4PB

Set of insulated hexagon T wrenches in plastic box

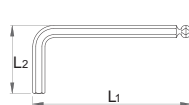
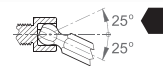


Barcode	Nº	Hand Icon
621648	220TVDE4PB 220TVDE (4, 5, 6, 8)	4 - 8 / 4

220/3S

Ball end hexagon wrench

- material: chrome vanadium
- entirely hardened and tempered
- surface finish: nickel plated



Barcode	Hexagon Size	L1	L2
607826	1.5	46.5	15.5
607827	2	52	18
607828	2.5	58.5	20.5
607829	3	66	23
607830	4	74	29
607831	5	85	33
607832	6	96	38
607834	8	108	44
607835	10	122	50

220/3SFH

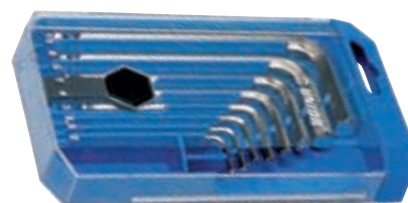
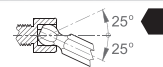
Set of ball end hexagon wrenches in folding holder



Barcode	Nº	Hand Icon
617147	220/3SFH 220/3S (2.5, 3, 4, 5, 6, 8, 10)	2.5 - 10 / 7

220/3SPB1

Set of ball end hexagon wrenches in plastic box



Barcode	Nº	Hand Icon
610916	220/3SPB1 220/3S (2, 2.5, 3, 4, 5, 6, 8, 10)	2 - 10 / 8

220/3SPH

Set of ball end hexagon wrenches on plastic clip

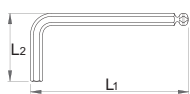
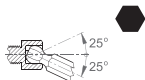


Barcode	Nº	Hand Icon
607853	220/3SPH 220/3S (1.5, 2, 2.5, 3, 4, 5, 6, 8, 10)	1.5 - 10 / 9

220/3SL

Ball end hexagon wrench, long type

- material: chrome vanadium
- entirely hardened and tempered
- surface finish: nickel plated



Barcode	Hexagon Size	L1	L2
608524	1.5	91.5	15.5
608525	2	102	18
608526	2.5	114.5	20.5
608527	3	129	23
608528	4	144	29
608529	5	165	33
608530	6	186	38
608531	8	208	44
608532	10	234	50

220/3SLPB2

Set of ball end hexagon wrenches, long type in plastic box



Barcode	Nº	Range
610917	220/3SLPB2	2 - 10 / 8
220/3SL (2, 2.5, 3, 4, 5, 6, 8, 10)		

220/3SLPH

Set of ball end hexagon wrenches on plastic clip



Barcode	Nº	Range
608534	220/3SLPH	1.5 - 10 / 9
220/3SL (1.5, 2, 2.5, 3, 4, 5, 6, 8, 10)		

220/7TX

Wrench with TX profile and hole

- material: chrome vanadium
- surface finish: phosphated to standard DIN 12476
- entirely hardened and tempered



Barcode	TX Profile	L1	L2
616296	TR 9	59	19
609173	TR 10	65	20
609174	TR 15	75.5	20.5
609175	TR 20	87	22
609176	TR 25	97.5	22.5
609177	TR 27	105.5	25.5
609178	TR 30	111	30
609179	TR 40	119	33

220/7TXMH

Set of wrenches with TX profile in metal folding holder



Barcode	Nº	Range
610987	220/7TXMH	TR 9 - TR 40 / 8
220/7TX (TR 9, TR 10, TR 15, TR 20, TR 25, TR 27, TR 30, TR 40)		

220/7TXPH

Set of wrenches with TX profile in plastic clip



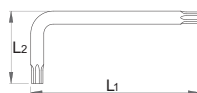
Barcode	Nº	Range
613089	220/7TXPH	TR 9 - TR 40 / 8
220/7TX (TR 9, TR 10, TR 15, TR 20, TR 25, TR 27, TR 30, TR 40)		

220/7TXN

Wrench with TX profile



- material: chrome vanadium
- surface finish: phosphated to standard DIN 12476
- entirely hardened and tempered



Barcode	TX Profile	L1	L2
616991	TX 6	44.5	18.5
616992	TX 7	50.5	18.5
616993	TX 8	51	19
616994	TX 9	51	19
616995	TX 10	54	20
616996	TX 15	57.5	21.5
616997	TX 20	61	23
616998	TX 25	64.5	24.5
616999	TX 27	69.5	26.5
617000	TX 30	76	30
617001	TX 40	83	33
617002	TX 45	91	37
617003	TX 50	104	41
617004	TX 55	120	47
617005	TX 60	134	52



220/7TXNFH

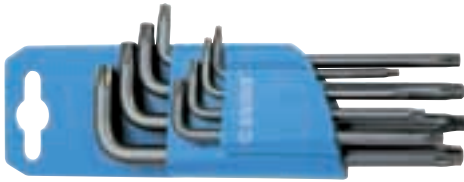
Set of wrenches with TX profile in folding holder



Barcode	Nº	Handedness
617150	220/7TXNFH	TX 9 - TX 40 / 8
220/7TXN (TX 9, TX 10, TX 15, TX 20, TX 25, TX 27, TX 30, TX 40)		

220/7TXNPH

Set of wrenches with TX profile in plastic clip



Barcode	Nº	Handedness
617077	220/7TXNPH	TX 9 - TX 40 / 8
220/7TXN (TX 9, TX 10, TX 15, TX 20, TX 25, TX 27, TX 30, TX 40)		

220/7TXP

Wrench with TXP profile



- material: chrome vanadium
- surface finish: phosphated to standard DIN 12476
- entirely hardened and tempered



Barcode	Star	L1	L2
617006	TX 9	59	19
617007	TX 10	65	20
617008	TX 15	75.5	20.5
617009	TX 20	87	22
617010	TX 25	94.5	22.5
617011	TX 27	105.5	25.5
617012	TX 30	111	30
617013	TX 40	119	33

220/7TXPPH

Set of wrenches with TXP profile in plastic clip



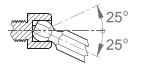
Barcode	Nº	Handedness
617078	220/7TXPPH	TX 9 - TX 40 / 8
220/7TXP (TX 9, TX 10, TX 15, TX 20, TX 25, TX 27, TX 30, TX 40)		

220/7TXS

Ball end wrench with TX profile



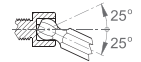
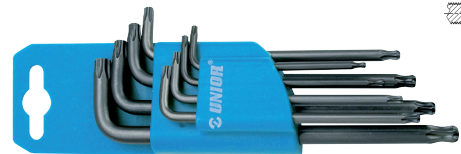
- material: chrome vanadium
- surface finish: phosphated to standard DIN 12476
- entirely hardened and tempered



Barcode	Star	L1	L2
617083	TX 9	67	19
609180	TX 10	76	20
609181	TX 15	86.5	20.5
609182	TX 20	98	22
609183	TX 25	100.5	22.5
609184	TX 27	111.5	25.5
609185	TX 30	125	30
609186	TX 40	139	33
609187	TX 45	145	37
609188	TX 50	149	41
609189	TX 55	157	47

220/7TXSPH

Set of wrenches with TXS profile in plastic clip



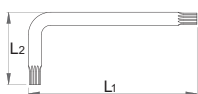
Barcode	Nº	Handedness
613090	220/7TXSPH	TX 9 - TX 40 / 8
220/7TXS (TX 9, TX 10, TX 15, TX 20, TX 25, TX 27, TX 30, TX 40)		



220/7ZX

Wrench with ZX profile

- material: chrome vanadium
- entirely hardened and tempered
- surface finish: anticorrosive oiled



Barcode	Icon		L1	L2
610918	M 5		75	30
610919	M 6		86	34
610920	M 8		98	40
610921	M 10		110	46
610922	M 12		124	52
610923	M 14		139	59
610924	M 16		156	72

220/7ZXMH

Set of wrenches with ZX profile in metal folding holder



Barcode	Nº	Icon	
610988	220/7ZXMH	M 5 - M 12 / 5	
	220/7ZX (M 5, M 6, M 8, M 10, M 12)		

221ATXPPB3

Set of hexagon wrenches with TXP profile and handle in plastic box



Barcode	Icon	
618901		TXP 5.6.7.8.9.10 .15.20

221ATXRPB3

Set of hexagon wrenches with TXR profile and handle in plastic box



Barcode	Icon	
618900		TXR 5.6.7.8.9.10 .15.20

221AHPB3

Set of hexagon wrenches with handle in plastic box



Barcode	Icon	
618902		HX1.5. 2. 2.5. 3. HXS 1.5. 2. 2.5. 3

221HXPB3

Set of hexagon wrenches with handle in plastic box



Barcode	Icon	
618898		HX1.5. 2. 2.5. 3. HXS 1.5. 2. 2.5. 3

221ATXPB3

Set of hexagon wrenches with TX profile and handle in plastic box



Barcode	Icon	
618899		TX 5.6.7.8.9.10 .15.20

221TXPB3

Set of hexagon wrenches with TX profile and handle in plastic box



Barcode	Icon	
618895		TX 5.6.7.8.9.10 .15.20

221TXPPB3

Set of hexagon wrenches with TXP profile and handle in plastic box



618897

TXP 5.6.7.8.9.10.15.20

221TXRPB3

Set of hexagon wrenches with TXR profile and handle in plastic box



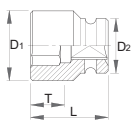
618896

TXR 5.6.7.8.9.10.15.20

230/4 6p

Impact socket 3/8"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered
- made according to standard ISO 2725-2 (only metric dimension)



Barcode	6p	D2	D1	L	T
612060	8	19	13.8	30	8
612061	9	19	15	30	8
612062	10	19	16.3	30	8
612063	11	19	17.5	30	9
612064	12	19	19	30	9
612065	13	22	20	30	10
612066	14	22	21.3	30	11
612067	15	22	22	30	11
612068	16	22	24	30	12
612069	17	22	25	30	12
612070	18	22	26	30	12
612071	19	22	27.5	30	19
612072	20	22	28	30	13
612073	21	22	30	30	13
612074	22	23	32	30	13

230.4/4

Impact extension bar 3/8"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered

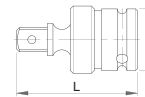


Barcode	L	D1	D2
612075	75	12.5	19
612076	125	12.5	19

230.6/4

Impact universal joint 3/8"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered

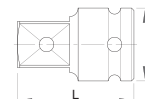


Barcode	D	L
612077	23.9	51

230.7/4

Impact adaptor 3/8"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered

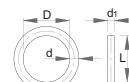


Barcode	3/8" - 1/2"	D	L
612078	3/8" - 1/2"	22	36

230.8/4

Impact accessories 3/8"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476



Barcode	L	D	d	L	d1
612079	6 - 12	16	2.4	15	2.5
612080	13 - 21	19	2.4	18	2.5
612081	22 - 22	20	2.4	18	2.5



230/4MB1

Set of impact sockets 3/8" in metal box



№ 8 - 22 / 16

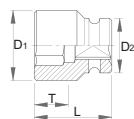
612590 230/4MB1
230/4 6p (8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22), 230.4/4 (75),
230.8/4 (6 - 12, 13 - 21, 22 - 22)

231/4 6p

Impact socket 1/2"



- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered
- made according to standard ISO 2725-2 (only metric dimension)



№	D1	D2	L	T	
603962	10	17.5	25	38	12
603963	11	18.7	25	38	12
603964	12	20	25	38	12
603965	13	21.3	25	38	12
603966	14	22.5	25	38	12
603967	15	23.7	30	38	12
603968	16	25	30	38	12
603969	17	26.2	30	38	13
609399	18	27.5	30	38	13
603970	19	28.7	30	38	13
603971	21	30	30	38	13
603972	22	32	30	38	13
603973	23	32	30	38	13
603974	24	35	30	45	20
603975	27	38.7	30	50	24
609400	28	40	30	50	24
603976	30	42	30	50	24
605548	32	42	30	50	24
618709	5/16"	15	22	38	9
618710	3/8"	16	22	38	12
618711	7/16"	18	22	38	12
618712	1/2"	20	22	38	12
618713	9/16"	22	24	38	12
618714	5/8"	25	25	38	12
618715	11/16"	26	26	38	13
618716	3/4"	28	28	38	13
618717	13/16"	30	30	38	14
618718	7/8"	32	32	38	15
618719	15/16"	34	34	38	13
618720	1"	36	36	38	14
618721	1.1/16"	38	38	40	17
618722	1.1/8"	40	38	40	17
618723	1.3/16"	42	38	40	17



№	D1	D2	L	T	
618724	1.1/4"	44	38	40	17
618725	1.5/16"	45	38	43	19
618726	1.3/8"	48.5	38	50	24
618727	1.7/16"	50.5	38	50	24
618728	1.1/2"	52.5	38	50	24

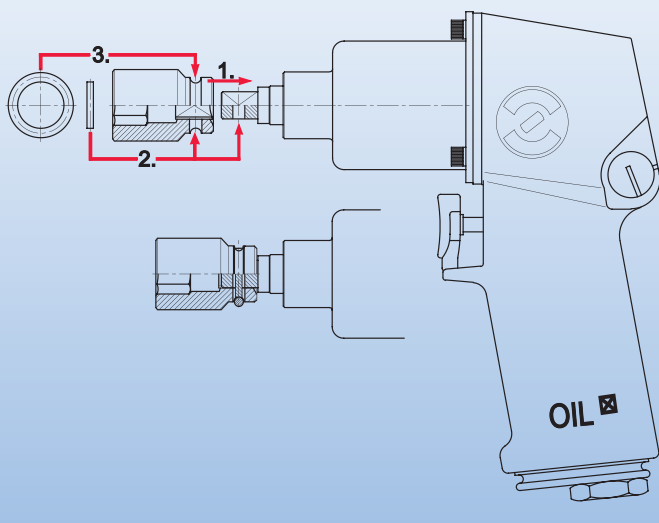
231/4 USE

IMPACT RING AND PIN

Impact socket wrenches are mainly used for achine screwing.

Because of large and fitful loads of wrenches during the machine screwing the next conditions are considered during their making for their long lifetime

- special tool steel with guaranteed composition
- accurate thermic treatment for their achieving of high strength
- hard making of wrench
- protective system with ring and pin against releasing from tool

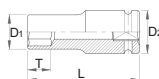


231/4L6p

Impact socket 1/2", long type



- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered



№	D1	D2	L	T	
607918	10	17.5	25	78	14
607919	11	18.7	25	78	14
607920	12	20	25	78	14
607921	13	21.3	25	78	14
607922	14	22.5	25	78	17
607923	15	23.7	30	78	17
607924	16	25	30	78	17
607925	17	26.2	30	78	17
609401	18	27.5	30	78	17
607926	19	28.7	30	78	19
607927	21	30	30	78	24
607928	22	32	30	78	24
607929	23	32	30	78	24
607930	24	35	30	78	24
607931	27	38.7	30	78	24
609402	28	40	30	78	24
607932	30	42	30	78	24
607933	32	44	30	78	24
618729	5/16"	15	22	78	13





Barcode	Hex	D1	D2	L	T
618730	3/8"	16	22	78	14
618731	7/16"	18	22	78	14
618732	1/2"	20	22	78	14
618733	9/16"	22	24	78	17
618734	5/8"	25	24	78	17
618735	11/16"	26	26	78	17
618736	3/4"	28	28	78	19
618737	13/16"	30	30	78	24
618738	7/8"	32	32	78	24
618739	15/16"	34	34	78	24
618740	1"	36	36	78	24
618741	1.1/16"	38	38	78	24
618742	1.1/8"	40	38	78	24
618743	1.3/16"	42	38	78	24
618744	1.1/4"	44	38	78	24
618745	1.5/16"	45	38	78	24
618746	1.3/8"	48.5	38	78	24
618747	1.7/16"	50.5	38	78	24
618748	1.1/2"	52.5	38	78	24

231/4XL6p

Impact socket 1/2", long type

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered



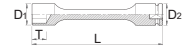
Barcode	Hex	D1	D2	L	T
618955	8	15	25	180	10
618956	9	16	25	150	12
618957	10	17.5	25	150	12
618958	11	18.5	25	150	12
618959	12	20	25	150	12
618960	13	21	25	150	12
618961	14	22.5	25	150	12
618962	15	23.5	30	150	12
618963	16	25	30	150	13
618964	17	26	30	150	13
618965	18	27.5	30	150	13
618966	19	28.5	30	150	13
618967	20	30	30	150	13
618968	21	31	30	150	13
618969	22	32	30	150	14
618970	23	34	30	150	14
618971	24	35	30	150	15
618972	25	36	30	150	15
618973	26	38	30	150	16
618974	27	38.5	30	150	17



231/4XXL6p

Impact socket 1/2", long type

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered



Barcode	Hex	D1	D2	L	T
618975	8	15	25	200	10
618976	9	16	25	200	12
618977	10	17.5	25	200	12
618978	11	18.5	25	200	12
618979	12	20	25	200	12
618980	13	21	25	200	12
618981	14	22.5	25	200	12
618982	15	23.5	30	200	12
618983	16	25	30	200	13
618984	17	26	30	200	13
618985	18	27.5	30	200	13
618986	19	28.5	30	200	13
618987	20	30	30	200	13
618988	21	31	30	200	13
618989	22	32	30	200	14
618990	23	34	30	200	14
618991	24	35	30	200	15
618992	25	36	30	200	15
618993	26	38	30	200	16
618994	27	38.5	30	200	17

231/4XXXL6p

Impact socket 1/2", long type

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered

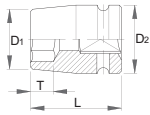


Barcode	Hex	D1	D2	L	T
618995	8	15	25	250	10
618996	9	16	25	250	12
618997	10	17.5	25	250	12
618998	11	18.5	25	250	12
618999	12	20	25	250	12
619000	13	21	25	250	12
619001	14	22.5	25	250	12
619002	15	23.5	30	250	12
619003	16	25	30	250	13
619004	17	26	30	250	13
619005	18	27.5	30	250	13
619006	19	28.5	30	250	13
619007	20	30	30	250	13
619008	21	31	30	250	13
619009	22	32	30	250	14
619010	23	34	30	250	14
619011	24	35	30	250	15
619012	25	36	30	250	15
619013	26	38	30	250	16
619014	27	38.5	30	250	17

231/4NS

Impact socket 1/2" with special protect profile

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered
- made according to standard ISO 2725-2 (only metric dimension)

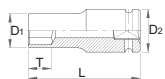


Barcode	ISO	D1	D2	L	T
618925	10	15.6	22.6	38.1	7.5
619144	11	17.8	22.6	38.1	8.5
619145	12	18.2	24.3	38.1	10
618926	13	19.3	24.3	38.1	10
618927	14	22	24.3	38.1	10.5
618928	15	23.2	26.6	38.1	10.5
618929	16	24.3	26.6	38.1	12
618930	17	25.4	26.6	38.1	12.5
618931	18	26.6	26.6	38.1	12.5
618932	19	28.3	28.3	38.1	12.5
618933	21	31.5	31.5	38.1	14
618934	22	33.1	33.1	38.1	14
618935	23	33.8	33.8	44.5	16
618936	24	34.8	34.8	44.5	16
618937	25	36.4	36.4	44.5	19.5
618938	26	37.8	37.8	50.8	19.5
618939	27	39.4	39.4	50.8	20

231/4LNS

Impact socket 1/2" with special protect profile, long type

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered



Barcode	ISO	D1	D2	L	T
618940	10	17.5	24.8	80	13
619146	11	19	24.8	80	13
619147	12	20	24.8	80	14
618941	13	21	24.8	80	15
618942	14	23	24.8	80	15
618943	15	24	24.8	80	16
618944	16	25	24.8	80	16
618945	17	26.5	29.8	80	17
618946	18	28	29.8	80	18
618947	19	29	29.8	80	19
618948	21	31.8	30	80	21
618949	22	33	30	80	22
618950	23	33.8	30	80	23
618951	24	34.8	30	80	24
618952	25	36.3	30	80	25
618953	26	37.8	30	80	26
618954	27	39	30	80	27

231/4P

Impact socket 1/2" for alloy wheels

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- with plastic protection
- drop forged, entirely hardened and tempered



Barcode	ISO	D1	D2	L	T
616762	15	24	30	80	14
616763	17	27	30	85	14
616764	19	29	30	85	15
616765	21	31	30	85	17

231/4P.1

Plastic protection for 231/4P



Barcode	ISO
616766	15
616767	17
616768	19
616769	21

231/4PCB

Set of 1/2" impact sockets for alloy wheels



Barcode	Nº	Hand
616770	231/4PCB	17 - 21 / 3
	231/4P (17, 19, 21)	

231/4PPB

Set of 1/2" impact sockets for alloy wheels in plastic box



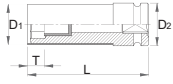
Barcode	Nº	Hand
619965	231/4PPB	17 - 21 / 3
	231/4P (17, 19, 21), 981PBM1	

231/4PL

Impact socket 1/2" for alloy wheels, long type



- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- with plastic protection
- drop forged, entirely hardened and tempered



Barcode	Part No.	D1	D2	L	T
619015	17	27	25	130	24
619016	19	29	30	130	24
619017	21	31	30	130	24

231/4PLPB

Set of 1/2" impact sockets for alloy wheels, long type in plastic box



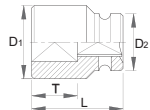
Barcode	No.	Hand
619966	231/4PLPB	17 - 21 / 3
231/4PL (17, 19, 21), 981PBM1		

231/4SQ

Impact socket 1/2" with 4 point drive



- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered



Barcode	Part No.	L	D1	D2	T
616625	17	40	32	30	20
616626	19	45	36	30	20
616627	22	45	42	30	20
616628	24	50	44	30	22
616629	30	50	53	30	22
616655	32	50	56	30	22

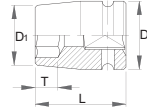


231/4TX

Impact socket 1/2" with internal TX profile



- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered



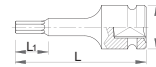
Barcode	Part No.	D1	D2	L	T
612880	E 10	15	25	38	7.5
612881	E 12	16	25	38	8.5
612882	E 14	18.5	25	38	10
612883	E 16	20	25	38	11
612884	E 18	22	25	38	12
612885	E 20	25	30	38	13.5
612886	E 24	28.5	30	45	21

231/4AHX

Impact hexagonal screwdriver socket 1/2"



- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered



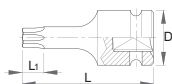
Barcode	Part No.	D	L	L1
615218	5	25	75	15
615219	6	25	75	15
615220	8	25	75	25
615221	10	25	75	25
615222	12	25	75	25
615223	14	25	75	25
615224	17	25	75	25
615225	19	25	75	25
618749	3/16"	25	75	11
618750	7/32"	25	75	15
618751	1/4"	25	75	15
618752	9/32"	25	75	20
618753	5/16"	25	75	25
618754	3/8"	25	75	25
618755	7/16"	25	75	25
618756	1/2"	25	75	25
618757	9/16"	25	75	25
618758	5/8"	25	75	25
618759	11/16"	25	75	25
618760	3/4"	25	75	25



231/4ATX

Impact screwdriver socket 1/2" with TX profile

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered



Barcode	Star	D	L	L1
612874	TX 30	25	55	3.3
612875	TX 40	25	55	3.3
612876	TX 45	25	55	3.6
612877	TX 50	25	55	4.5
612878	TX 55	25	55	5
612879	TX 60	25	55	7.2
618761	TX 70	25	55	8.6

231.4/4

Impact extension bar 1/2"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered

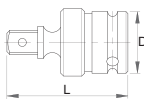


Barcode	L	D1	D2
603977	125	16.9	25
603978	75	16.9	25

231.6/4

Impact universal joint 1/2"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered

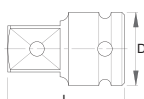


Barcode	D	L
609460	32	60

231.7/4

Impact adaptor 1/2"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered

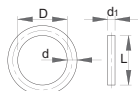


Barcode	Size	D	L
603979	1/2" - 3/4"	30	48
612120	1/2" - 3/8"	25	38

231.8/4

Impact accessories 1/2"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476



Barcode	Size	D	d	L	d1
603997	10 - 14	20	4	20	3
603998	15 - 32	25	4	25	3

231/4PB1

Set of impact sockets 1/2" in plastic box



Barcode	Nº	Size
612506	231/4PB1	15 - 30 / 12
231/4 6p (15, 17, 18, 19, 21, 22, 24, 27, 30), 231.4/4 (75), 231.8/4 (10 - 14, 15 - 32)		

231/4PB2

Set of impact sockets 1/2" in plastic box



Barcode	Nº	Size
612507	231/4PB2	15 - 30 / 12
231.4/4 (75), 231.8/4 (10 - 14, 15 - 32), 231/4L6p (15, 17, 19, 21, 22, 24, 27, 30, 18)		



231/4PB3

Set of impact sockets 1/2" in plastic box



Barcode	Nº	Hand icon
612508	231/4PB3	17 - 24 / 12
231/4 6p (17, 18, 19, 21, 22, 24), 231/4L6p (17, 18, 19, 21, 22, 24)		

231/4PB4

Set of impact sockets 1/2" with external and internal TX profile in plastic box

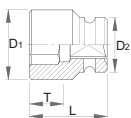


Barcode	Nº	Hand icon
615227	231/4PB4	13
231/4TX (10, 12, 14, 16, 18, 20, 24), 231/4ATX (TX 30, TX 40, TX 45, TX 50, TX 55, TX 60)		

232/4 6p

Impact socket 3/4"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered
- made according to standard ISO 2725-2 (only metric dimension)

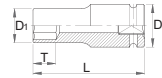


Barcode	Hex icon	D1	D2	L	T	
603980		17	31	44	50	12
603981		19	33	44	50	14
603982		21	35	44	50	14
603983		22	37	44	50	14
603984		24	39	44	50	16
603985		27	43	44	54	23
609403		28	44	44	54	23
603986		30	47	44	54	23
603987		32	50	44	56	23
603988		33	51	44	56	23
603989		36	54	44	56	23
603990		41	60	44	58	24
603991		46	67	44	63	27

232/4L6p

Impact socket 3/4", long type

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered

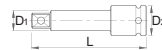


Barcode	Hex icon	D1	D2	L	T	
607934		17	31	44	95	17
607935		19	33	44	95	19
607936		21	35	44	95	21
607937		22	37	44	95	22
607938		24	39	44	95	24
607939		27	43	44	95	27
609404		28	44	44	95	28
607940		30	47	44	95	30
607941		32	49	44	95	32
607942		33	51	44	95	33
607943		36	54	44	95	36
607944		41	60	44	95	38
607945		46	67	44	95	38

232.4/4

Impact extension bar 3/4"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered

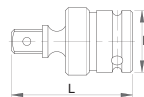


Barcode	L	D1	D2
603992	250	25.5	44
603993	175	25.5	44

232.6/4

Impact universal joint 3/4"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered

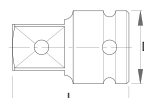


Barcode	D	L
603994	44	90

232.7/4

Impact adaptor 3/4"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered



Barcode	Hand icon	D	L	
603995		3/4" - 1/2"	44	56
618708		3/4" - 1"	44	63

232.8/4

Impact accessories 3/4"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476



Barcode	Size	Length Range	D	d	L	d1
603996	3/4"	17 - 46	35	4.5	35	4

232PB1

Set of long impact socket 3/4" in plastic box



Barcode	Nº	Length Range
621459	232PB1	24 - 36 / 7

232/4L6p (24, 27, 30, 32, 33, 36), 232.8/4 (3/4"), 981PBM2

233/4 6p

Impact socket 1"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered
- made according to standard ISO 2725-2 (only metric dimension)



Barcode	mm	D1	D2	L	T
615195	22	40	54	58	17
615196	24	42	54	58	17
615197	27	46	54	58	17
615198	30	50	54	60	21
615199	32	52	54	60	21
615200	33	53	54	60	21
615201	34	55	54	62	21
615202	36	56	54	65	30.5
615203	38	59	54	65	30
615204	41	63	54	67	31
615205	42	64	54	74	38
615206	46	69	54	74	38
615207	50	74	54	80	42
615208	55	80	54	84	44.5
615209	60	86	54	87	44.5
615210	65	92	54	90	46.5
615211	70	99	54	96	51
615212	75	104	86	98	52
615213	80	109	86	100	53

233/4L6p

Impact socket 1", long type

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered



Barcode	mm	D1	D2	L	T
616771	22	40	54	100	21
616772	24	42	54	100	21
616773	27	46	54	100	24
616774	30	50	54	100	24
616775	32	52	54	100	24
616776	33	53	54	100	24
616777	34	55	54	100	40
616778	36	56	54	100	65
616779	38	59	54	100	65
616780	41	63	54	100	64
616781	42	64	54	100	64
616782	46	69	54	100	63
616783	50	74	54	100	62
616784	55	80	54	100	60
616785	60	86	54	120	78
616786	65	92	54	125	80
616787	70	99	54	125	80
616788	75	104	86	135	85
616789	80	109	86	135	85

233/4SQ

Impact socket 1" with 4 point drive

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered



Barcode	mm	D1	D2	L	T
618763	18	42	52	57	24
618764	23	48	54	60	27
618762	1"	52	54	60	27

233.4/4

Impact extension bar 1"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered

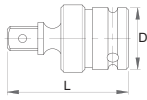


Barcode	D1	D2	L
615214	34	54	175
615215	34	54	250

233.6/4

Impact universal joint 1"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered

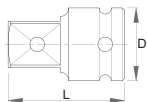


Barcode	D	L
615216	54	110

233.7/4

Impact adaptor 1"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered

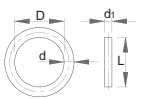


Barcode	Size	D	L
615217	1" - 3/4"	54	75
617303	1" - 1.1/2"	54	90.5

233.8/4

Impact accessories 1"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476

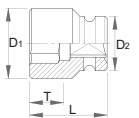


Barcode	Size	D	d	L	d1
615254	22 - 70	46	3.5	43	5
615255	75 - 80	75	5.7	75	6

234/4 6p

Impact socket 1,1/2"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered
- made according to standard ISO 2725-2 (only metric dimension)

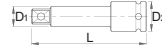


Barcode	ISO	D1	D2	L	T
616790	80	116	86	110	54
616791	85	125	86	118	52
616793	90	130	86	118	52
616794	95	138	86	118	52
616795	100	140	86	125	59
616796	105	150	95	125	59
616797	110	156	95	125	59
616798	115	160	95	135	67
616799	120	168	95	135	67

234.4/4

Impact extension bar 1,1/2"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered

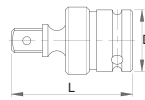


Barcode	L	D1	D2
617708	125	49	86
617709	250	49	86
617710	500	49	86

234.6/4

Impact universal joint 1,1/2"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered

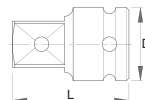


Barcode	L	D
617689	182	86

234.7/4

Impact adapter 1,1/2"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered

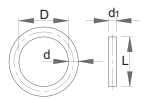


Barcode	Size	D	L
616800	1.1/2" - 1"	86	100
617711	1.1/2" - 2.1/2"	86	120
617712	1.1/2" - 55	86	125

234.8/4

Impact accessories 1,1/2"

- material: chrome molybdenum
- surface finish: phosphated to standard DIN 12476



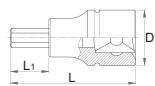
Barcode	Size	D	d	L	d1
617126	80 - 90	75	5.7	75	6
617127	95 - 120	85	5.7	84	6



236/2HX

Hexagonal screwdriver socket 3/8"

- material: socket: chrome molybdenum, chrome plated
- material: bit: special tool steel, anticorrosive oiled
- made according to standard DIN 7422 (only metric dimension)
- entirely hardened and tempered

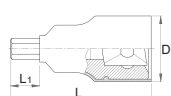


Barcode	Hexagon	L	L1	D
612082	4	48	22	18
612083	5	48	22	18
612084	6	48	22	18
612085	8	48	22	18
612086	10	48	22	18
617662	1/8"	48	22	18
617663	9/64"	48	22	18
617664	5/32"	48	22	18
617665	3/16"	48	22	18
617666	7/32"	48	22	18
617667	1/4"	48	22	18
617668	5/16"	48	22	18
617669	3/8"	48	22	18

236/2HXVDEDP

Insulated hexagonal screwdriver socket 3/8"

- material: socket: chrome molybdenum, chrome plated
- material: bit: special tool steel, anticorrosive oiled
- double layered - double coloured insulation enable additional safety
- if second layer is visible, replace your VDE tool with the new one.
- controlled with electrical test
- made according to standard EN60900
- entirely hardened and tempered

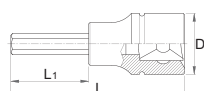


Barcode	Hexagon	L	L1	D
619171	4	67	6	23.6
619172	5	67	7.4	24.4
619173	6	67	8.5	23.4
619174	8	67	9.4	24
619175	10	67	10.2	23.4

236/2HXL

Long hexagonal screwdriver socket 3/8"

- material: socket: chrome molybdenum, chrome plated
- material: bit: special tool steel, anticorrosive oiled
- made according to standard DIN 7422 (only metric dimension)
- entirely hardened and tempered

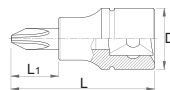


Barcode	Hexagon	L	L1	D
612087	4	92	66	18
612088	5	92	66	18
612089	6	92	66	18
612090	8	92	66	18
612091	10	92	66	18

236/2PH

Crosstip screwdriver socket 3/8"

- material: socket: chrome molybdenum, chrome plated
- material: bit: special tool steel, anticorrosive oiled
- entirely hardened and tempered

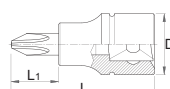


Barcode	Symbol	D	L	L1
612092	PH 1	18	48	22
612093	PH 2	18	48	22
612094	PH 3	18	48	22

236/2PZ

Double crosstip screwdriver socket 3/8"

- material: socket: chrome molybdenum, chrome plated
- material: bit: special tool steel, anticorrosive oiled
- entirely hardened and tempered

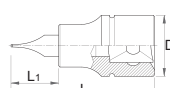


Barcode	Symbol	D	L	L1
612095	PZ 1	18	48	22
612096	PZ 2	18	48	22
612097	PZ 3	18	48	22

236/2SL

Slotted screwdriver socket 3/8"

- material: socket: chrome molybdenum, chrome plated
- material: bit: special tool steel, anticorrosive oiled
- entirely hardened and tempered

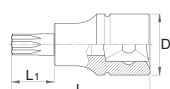


Barcode	Symbol	D	L	L1
612098	5.5	18	48	22
612099	8	18	48	22
612100	10	18	48	22

236/2TR

Screwdriver socket 3/8" with TX profile and hole

- material: socket: chrome molybdenum, chrome plated, polished
- material: bit: special tool steel, anticorrosive oiled
- entirely hardened and tempered

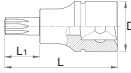


Barcode	Symbol	D	L	L1
619829	20	18	92	66
619830	25	18	92	66
619831	27	18	92	66
619832	30	18	92	66
619833	40	18	92	66
619834	45	18	92	66
619835	50	18	92	66

236/2TX

Screwdriver socket 3/8" with TX profile

- material: socket: chrome molybdenum, chrome plated
- material: bit: special tool steel, anticorrosive oiled
- entirely hardened and tempered

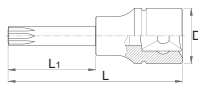


Barcode	Star	D	L	L1
612101	TX 15	18	48	22
612102	TX 20	18	48	22
612103	TX 25	18	48	22
612104	TX 27	18	48	22
612105	TX 30	18	48	22
612106	TX 40	18	48	22

236/2TXL

Long screwdriver socket 3/8" with TX profile

- material: socket: chrome molybdenum, chrome plated
- material: bit: special tool steel, anticorrosive oiled
- entirely hardened and tempered

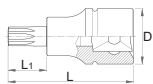


Barcode	Star	L	L1	D
612107	TX 15	92	66	18
612108	TX 20	92	66	18
612109	TX 25	92	66	18
612110	TX 27	92	66	18
612111	TX 30	92	66	18
612112	TX 40	92	66	18

236/2ZX

Screwdriver socket 3/8" with ZX profile

- material: socket: chrome molybdenum, chrome plated
- material: bit: special tool steel, anticorrosive oiled
- entirely hardened and tempered
- made according to standard DIN 2324

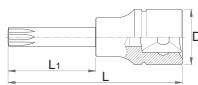


Barcode	Gear	L	L1	D
612113	M5	48	22	18
612114	M6	48	22	18
612115	M8	48	22	18
612116	M10	48	22	18

236/2ZXL

Long screwdriver socket 3/8" with ZX profile

- material: socket: chrome molybdenum, chrome plated
- material: bit: special tool steel, anticorrosive oiled
- entirely hardened and tempered
- made according to standard DIN 2324

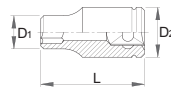


Barcode	Gear	L	L1	D
612117	M6	92	66	18
612118	M8	92	66	18
612119	M10	92	66	18

237/1

Socket 3/8" with internal TX profile

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

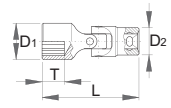


Barcode	Star	L	L1	D2	D1
612121	E 8	28	11	16.8	12
612122	E 10	28	11	16.8	13.5
612123	E 11	28	11	16.8	14
612124	E 12	28	11	16.8	15
612125	E 14	28	11	17.8	17
612126	E 16	28	11	19.8	19

237/1F

Swiveling socket 3/8" with internal TX profile

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



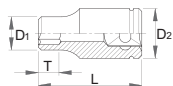
Barcode	Star	L	D1	D2	T ±
620811	E8	51.4	18.8	11.2	5.9
620812	E10	51.4	18.8	13.2	6.6
620813	E12	51.4	18.8	14.8	8.2
620814	E14	51.4	18.8	16.8	9.5



238/1 6p

Socket 3/8"

- material: chrome molybdenum
- surface finish: chrome plated according to EN12540
- polished
- drop forged, entirely hardened and tempered
- made according to standard ISO 2725-1 (only metric dimension)

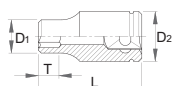


Barcode	ISO	L	D1	D2	T
605322	6	28	9.9	16.9	4
605323	7	28	10.6	16.9	4
605324	8	28	11.8	16.9	5
605325	9	28	13.2	16.9	5
605326	10	28	14.5	16.9	6
605327	11	28	15.7	16.9	7
605328	12	28	16.9	16.9	8
605329	13	28	17.9	17.9	8
605330	14	28	19.6	19.6	10
605331	15	28	21	21	10
605332	16	30	21.8	21.8	10
605333	17	30	23.4	23.4	10
605334	18	30	24.7	21	12
605335	19	30	25.8	23	12
605336	20	32	27.1	24	12
605337	21	32	27.8	25	12
605338	22	32	29.5	26	14
612051	3/8"	28	14.5	16.7	8
612052	7/16"	28	15.7	16.7	8
612053	1/2"	28	17.75	17.7	8
612054	9/16"	28	19.55	19.5	12
612055	5/8"	30	21.75	21.7	12
612056	11/16"	30	23.3	23.3	12
612057	3/4"	30	25.7	23	14
612058	13/16"	32	27.7	25	14
612059	7/8"	32	29.5	26	14

238/1 12p

Socket 3/8", 12 point

- material: chrome molybdenum
- surface finish: chrome plated according to EN12540
- polished
- drop forged, entirely hardened and tempered
- made according to standard ISO 2725-1 (only metric dimension)



Barcode	ISO	L	D1	D2	T
617122	6	28	10.6	16.9	4
616905	7	28	10.6	16.9	4
616906	8	28	11.8	16.9	5
616907	9	28	13.2	16.9	5
616908	10	28	14.5	16.9	6
616909	11	28	15.7	16.9	7
616910	12	28	16.9	16.9	8
616911	13	28	17.9	17.9	8
616912	14	28	19.6	19.6	10
616913	15	28	21	21	10

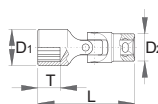


Barcode	ISO	L	D1	D2	T
616914	16	30	21.8	21.8	10
616915	17	30	23.4	23.4	10
616916	18	30	24.7	21	12
616917	19	30	25.8	23	12
616918	20	32	27.1	24	12
616919	21	32	27.8	25	12
616920	22	32	29.5	26	14
616921	23	32	31.5	27	14
616922	24	32	31.8	28	14
616923	1/4"	28	10.2	16.7	8
616924	5/16"	28	11.8	16.7	8
616925	3/8"	28	14.5	16.7	8
616926	7/16"	28	15.7	16.7	8
616927	1/2"	28	15.7	17.7	8
616928	9/16"	28	15.7	19.5	12
616929	5/8"	30	15.7	21.7	12
616930	11/16"	30	15.7	23.3	12
616931	3/4"	30	25.7	23	14
616932	13/16"	32	27.7	25	14
616933	7/8"	32	29.5	26	14
616934	15/16"	32	31.7	28	14
616935	1"	32	33.7	30	14

238/1F12p

Swiveling socket 3/8"

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

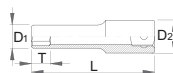


Barcode	ISO	L	D1	D2	T
619793	10	51	14.2	18.8	6
619794	11	52	15.5	18.8	7
619795	12	52	16.7	18.8	8
619796	13	53	18	18.8	8
619797	14	53	19	18.8	10
619798	15	54	20.5	18.8	10
619799	16	54	21.7	18.8	10
619800	17	56	23	18.8	10
619801	18	56	24.2	18.8	12
619802	19	57	25.5	18.8	12

238/1L6p

Socket 3/8", long type

- material: chrome molybdenum
- surface finish: chrome plated according to EN12540
- polished
- drop forged, entirely hardened and tempered
- made according to standard ISO 2725-1 (only metric dimension)



Barcode	ISO	L	D1	D2	T
612036	8	63	11.8	16.8	9
612037	9	63	13.2	16.8	9
612038	10	63	14.5	16.8	9



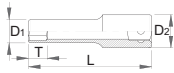


Barcode	Symbol	L	D1	D2	T
612039	11	63	15.7	16.8	12
612040	12	63	16.8	16	12
612041	13	63	17.8	16.5	12
612042	14	63	19.55	17	15
612043	15	63	20.75	18	15
612044	16	63	21.75	19	15
612045	17	63	23.3	20	15
612046	18	63	24.5	21	18
612047	19	63	25.7	23	18
612048	20	63	27	24	18
612049	21	63	27.7	25	18
612050	22	63	29.5	26	21

238/1L12p

Socket 3/8", long type, 12 point

- material: chrome molybdenum
- surface finish: chrome plated according to EN12540
- polished
- drop forged, entirely hardened and tempered
- made according to standard ISO 2725-1 (only metric dimension)



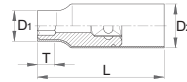
Barcode	Symbol	L	D1	D2	T
616936	7	63	10.6	16.9	6
616937	8	63	11.8	16.9	9
616938	9	63	13.2	16.9	9
616939	10	63	14.5	16.9	9
616940	11	63	15.7	16.9	12
616941	12	63	16.8	16.9	12
616942	13	63	17.8	17.9	12
616943	14	63	19.6	19.6	15
616944	15	63	21	21	15
616945	16	63	21.8	21.8	15
616946	17	63	23.4	23.4	15
616947	18	63	24.7	21	18
616948	19	63	25.8	23	18
616949	20	63	27.1	24	18
616950	21	63	27.8	25	18
616951	22	63	29.5	26	21
616952	23	63	31.5	27	21
616953	24	63	31.8	28	21
616954	1/4"	63	9.9	16.8	6
616955	5/16"	63	11.8	16.8	9
616956	3/8"	63	14.5	16.8	9
616957	7/16"	63	15.7	16.8	12
616958	1/2"	63	17.8	16.5	12
616959	9/16"	63	19.5	17	15
616960	5/8"	63	21.7	19	15
616961	11/16"	63	23.3	20	15
616962	3/4"	63	25.7	23	18
616963	13/16"	63	27.7	25	18
616964	7/8"	63	29.5	26	21
616965	15/16"	63	31.7	28	21



238/2VDEDP

Insulated socket 3/8"

- material: chrome vanadium
- head: chrome plated according to EN12540
- controlled with electrical test
- 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
- drop forged, entirely hardened and tempered



Barcode	Symbol	D1	D2	L	T
619161	10	18.7	23	46.5	10
619162	11	20.7	23	46.5	10
619163	12	21.8	23	46.5	10
619164	13	23	23	46.5	10
619165	14	24.9	23	46.5	14
619166	17	28.6	23	49	15
619167	19	31.4	23	49	17
619168	22	35	23	51	17

238H

Hanger for 3/8" sockets

- dimension 260 - for set 10 pcs 6-22, maximum numbers of holders 15
- dimension 345 - 10 pcs set same dimension (22), maximum numbers of holders 20

3/8"



Barcode	L
619089	260
619236	345

238H1

10 pieces set of socket holders for 238H



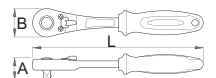
Barcode	619411
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238.1/1ABI

Reversible ratchet 3/8"

- material: special tool steel
- ergonomic heavy duty double component handle
- 75 - teeth
- body drop forged
- entirely hardened and tempered
- surface finish: chrome plated to standard EN 12540
- made according to standard ISO 3315

3/8"



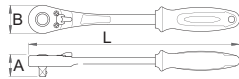
Barcode	Symbol	L	A	B
612501	3/8"	200	30	35

238.1/1ALBI

Reversible ratchet 3/8", long form

3/8"

- material: special tool steel
- ergonomic heavy duty double component handle
- 75 - teeth
- body drop forged
- entirely hardened and tempered
- surface finish: chrome plated to standard EN 12540
- made according to standard ISO 3315



	L	A	B
617631	260	30	35

238.2/1BI

Swivel handle 3/8"

3/8"

- material: chrome molybdenum
- ergonomic heavy duty double component handle
- body drop forged
- surface finish: chrome plated to standard EN 12540
- made according to standard ISO 3315
- entirely hardened and tempered



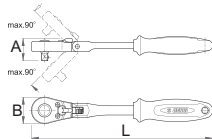
	L
612502	210

238.1/1FBI

Flexible reversible ratchet 3/8"

3/8"

- material: special tool steel
- ergonomic heavy duty double component handle
- 75 - teeth
- flexible ratchet allows working with the handle inclination up to max 90° with the 22,5° grade of inclination
- body drop forged
- entirely hardened and tempered
- surface finish: chrome plated to standard EN 12540



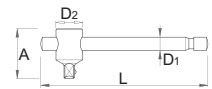
		L	A	B
618368	3/8"	260	30	35

238.3/1

Sliding T-handle 3/8"

3/8"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- polished head
- made according to standard ISO 3315
- entirely hardened and tempered



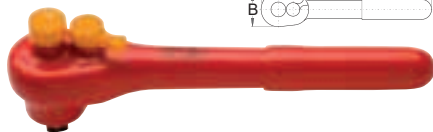
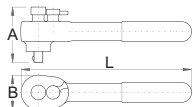
	L	A	D1	D2
605341	165	34	10.4	19

238.1AVDEDP

Insulated reversible ratchet 3/8"

3/8"

- double layered - double coloured insulation enable additional safety
- if second layer is visible, replace your VDE tool with the new one.
- with 36 teeth
- minimal angle of turn 10°
- button for changing the direction
- controled with electrical test
- made according to standard EN60900



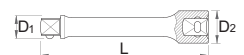
		L	B	A
619118	3/8"	200	72	42

238.4/1

Extension bar 3/8"

3/8"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- polished head
- drop forged, entirely hardened and tempered
- made according to standard ISO 3316



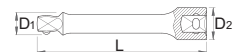
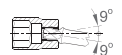
		L	D1	D2
600777	3/8"	45	12.5	18
600778	3/8"	75	12.5	18
605343	3/8"	125	12.5	18
605342	3/8"	250	12.5	18

238.4/1S

Ball end extension bar 3/8"

3/8"

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



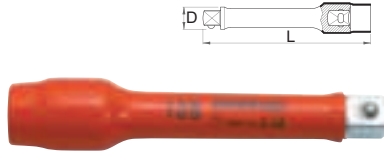
	L	D1	D2
610913	125	12.5	18



238.4/2VDEDP

Insulated extension bar 3/8"

- material: chrome vanadium
- head: chrome plated according to EN12540
- controlled with electrical test
- double layered - double coloured insulation enable additional safety
- if second layer is visible, replace your VDE tool with the new one.
- drop forged, entirely hardened and tempered
- made according to standard EN60900



Barcode	Material	L	D
619169	3/8"	125	144
619170	3/8"	250	268

238.5/2

Offset handle 3/8"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- made according to standard ISO 3315
- drop forged, entirely hardened and tempered



Barcode	Material	L1	L2	D
611962	3/8"	200	45	10

238.6/1

Universal joint 3/8"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- drop forged, entirely hardened and tempered
- made according to standard ISO 3316



Barcode	L	D
605344	54	19

238.7/1

Adaptor 3/8"

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- polished head
- drop forged, entirely hardened and tempered
- made according to standard ISO 3316



Barcode	L	D
607977	3/8" - 1/4"	32
605345	3/8" - 1/2"	38

238.11

Set of spare parts for 238.1ABI



Barcode	Quantity
612505	8

238.12

Quick-release bit holder 3/8"

- material: special tool steel
- surface finish: phosphated to standard DIN 12476
- drop forged, entirely hardened and tempered



Barcode	L	D
620855	3/8" - 1/4"	33

238MS

Socket set 3/8" on metal stand



Barcode	Nº	Quantity
610565	238MS	6 - 22 / 100
238/1 6p (6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22), 980C		

239A

Socket set 3/8" in metal box



Barcode	Nº	Quantity
612509	239A	6 - 22 / 24
238/1 6p (6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22), 238.3/1 (165), 238.4/1 (250, 125), 238.6/1 (54), 238.7/1 (3/8" - 1/2"), 238.1/1ABI (3/8"), 238.2/1BI (210)		

239A12P24

Socket set 3/8" in metal box



Barcode	Nº	Handedness
617117	239A12P24	6 - 22 / 24
238/1 12p (6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22), 238.3/1 (165), 238.4/1 (250, 125), 238.6/1 (54), 238.7/1 (3/8" - 1/2"), 238.1/1ABI (3/8"), 238.2/1BI (210)		

239D

Socket set 3/8" in metal box



Barcode	Nº	Handedness
613073	239D	6 - 19 / 30
238/1 6p (6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19), 238.3/1 (165), 238.4/1 (250, 125), 238.6/1 (54), 238.5/2 (3/8"), 236/2HX (4, 5, 6, 8, 10), 236/2HXL (4, 5, 6, 8, 10), 238.1/1ABI (3/8")		

239B

Socket set 3/8" in metal box



Barcode	Nº	Handedness
612510	239B	3/8" - 7/8" / 16
238.3/1 (165), 238.4/1 (250, 125), 238.6/1 (54), 238.7/1 (3/8" - 1/2"), 238/1 6p (3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"), 238.1/1ABI (3/8"), 238.2/1BI (210)		

239VDEDP6P13

Insulated socket set 3/8" in metal box



Barcode	Nº	Handedness
619419	239VDEDP6P13	13
238.1AVDEDP (3/8"), 238.4/2VDEDP (125, 250), 196/2BVDEDP (3/8"), 238/2VDEDP (10, 11, 13, 14, 17, 19), 236/2HXVDEDP (4, 5, 6)		

239C

Socket set 3/8" in metal box



Barcode	Nº	Handedness
613072	239C	6 - 22 / 30
238/1 6p (6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22), 238.3/1 (165), 238.4/1 (250, 125), 238.6/1 (54), 236/2HX (4, 5, 6, 8), 236/2PH (PH 2, PH 3), 236/2SL (5.5, 8), 238.1/1ABI (3/8")		

239VDEDP6P10

Insulated socket set 3/8" in plastic box



Barcode	Nº	Handedness
621647	239VDEDP6P10	10
238/2VDEDP (10, 11, 12, 13, 14, 17, 19), 238.1AVDEDP (3/8"), 238.4/2VDEDP (125, 250)		

250/1

Adjustable wrench

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



Barcode	↖	L	A	⊕
611917	100	110	9.8	17
611918	150	155.5	11.7	23
601016	200	205	14.4	28
601017	250	254	16.9	32
601018	300	303.5	19.1	38
601019	380	375	23.8	50
605113	450	458.5	26.3	60
615148	600	608	29.7	70

250/1ADP

Adjustable wrench

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- polished head
- with scale
- double plastic dipped handles
- made according to standard ISO 6787



Barcode	↖	L	A	⊕
617246	200	205	14.8	28
617247	250	254	17	32
617248	300	304	20	38
617249	380	381	25.5	50

250/1VDEDP

Insulated adjustable wrench

1000V
IEC 60900:2004

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- with scale
- controlled with electrical test
- 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



Barcode	↖	L	A	⊕
616849	200	215	35	28
616850	250	265	35	32
616851	300	310	36	38

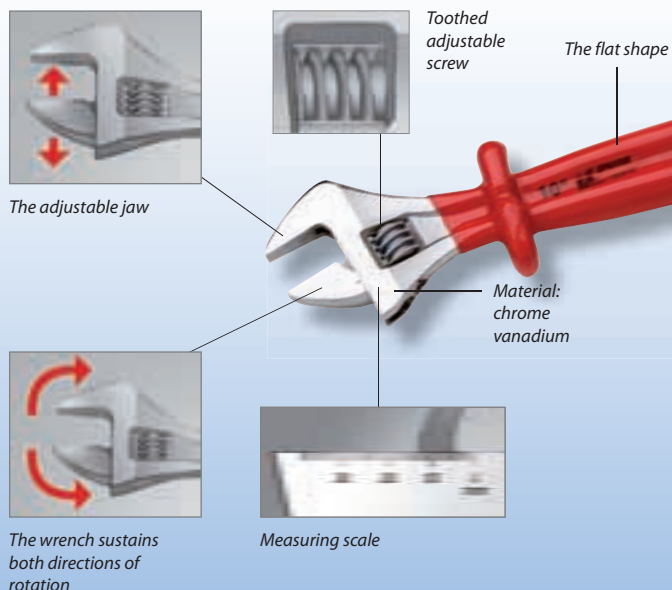
250.1/1

Spare parts for adjustable wrench 250/1, 250/1A



Barcode	↖
611978	100
611979	150
602070	200
602071	250
602072	300
602073	380
602069	450
615149	600

250/1VDEDP USE



251/4

Adjustable wrench

- material: chrome vanadium
- surface finish: phosphated to standard DIN 12476
- left turning
- with scale
- drop forged, entirely hardened and tempered
- made according to standard ISO 6787



Barcode	↖	L	A	⊕
612870	150	155.7	11.7	20
612871	200	204.3	14.4	25
612872	250	254	16.9	30
612873	300	303.5	19.1	36

CT252

Empty bag

- for article 160,161,170,171,183

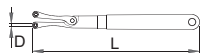


Barcode	A	B
615155	360	290

253/2DP

Adjustable spanner

- pins: black finish
- The adjustable spanner is intended for installation and removal of free-wheel. The 2, 3 mm and 2, 8 mm pins are interchangeable, the distance between them is adjustable. The biggest difference between the pins is 50 mm open and 10 mm closed.
- material: chrome vanadium
- entirely hardened and tempered
- surface finish: chrome plated according to EN12540
- double plastic dipped handles



Barcode
616294

253.1/4A

Pin set 2 pieces for 253/2DP



Barcode
621020

255/2

Hook wrench

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- entirely hardened and tempered
- made according to standard DIN 1810



Barcode	⊕	L	C	D	A	B
613050	12 - 14	109	1.2	1.5	3	12
613051	16 - 20	109	1.5	2	3	12
613052	25 - 28	136	2	2.5	4	21
613053	30 - 32	136	2	2.5	4	21
613054	34 - 36	171	2.5	3	5	28.5
613055	40 - 42	171	2.5	3	5	28.5
613056	45 - 50	207	3	3.5	6	37
613057	52 - 55	207	3	3.5	6	37
613058	58 - 62	242	3.5	4	7	46
613059	68 - 75	242	3.5	4	7	46
613060	80 - 90	281	4	5	8	61
613061	95 - 100	281	4	5	8	61
613062	110 - 115	334	4	5	10	81
613063	120 - 130	334	4	5	10	81

255/2CT

Set of hook wrenches in bag



Barcode	Nº	👤
615156	255/2CT	9
255/2 (30 - 32, 40 - 42, 45 - 50, 52 - 55, 58 - 62, 68 - 75, 80 - 90, 95 - 100, 110 - 115)		

255/2F

Flexible hook wrench

- material: chrome vanadium
- surface finish: chrome plated according to EN12540
- entirely hardened and tempered



Barcode	⊕	L	C	D	A	B
615027	15 - 35	140	3	3.5	7	25
615028	35 - 50	201	4	4	10	41.5
615029	50 - 80	262	5	5	12	68
615030	80 - 120	320	5.5	5.5	14	86
615031	120 - 180	420	7.5	9	16	134