



CAPETE CHEI TUBULARE SI ACCESORII



Folosire simpla

Operarea antrenorului cu clichet se bazeaza pe un mecanism cu 75 dinti, care divide un cerc complet de 360° in sectiuni de 4.8° si garanteaza in consecinta folosirea simpla chiar si in locuri aproape inaccesibile. Cu incremente mai mari de clichet, mai putine rotiri si efort, puteti obtine fiabilitate si precizie mai mari



Precizie

Impreuna cu indispensabilele antrenoare cu clichet, capetele tubulare Unior permit strangerile egale, predictibile si de precizie



Siguranta

Sistem de retentie a capului tubular cu un buton de eliberare la o apasare care permite o siguranta sporita in lucru si viteza sporita de blocare

O procedura speciala de fabricatie a capetelor tubulare

CLICHET

1. Debitare: otelul plat se debiteaza in forma corecta intrebuintand o presa de debitat; precizia taierii asigura un minim de material de calitate consumat.



2. Forjarea: piesele forjate sunt realizate prin forjare la cald. Forjarea la cald permite obtinerea diferitelor forme complexe si ergonomice. Prin procedeele de forjare corespunzatoare, se mentine sensul fibrajului, pe care zonele laminate le-au avut anterior.



3. Debavurarea: Eliminarea excesului de material

CARCASA CLICHETULUI

4. Prelucrarea CNC: se realizeaza pe o masina CNC folosind dispozitive speciale de prindere care asigura exactitatea dimensiunilor si functionalitatea in ceea ce priveste miscarea controlata a tuturor elementelor.



5. Tratamentul termic (calire si revenire): tratamentul termic prin calire si revenire este destinat imbunatatirii structurii de otel, pentru a oferi o mai mare duritate si tenacitate produsului, precum si celelalte proprietati fizicomecanice necesare lucrului in conditii de solicitari prescrise.

6. Sablarea: curatarea suprafetei inainte de cromare este importanta din motive de calitate si de protectie durabila a suprafetei.

7. Carcasa clicheului este placata cu un strat subtire, solid de oxid de crom, care protejeaza impotriva coroziunii si uzurii, precum si a altor deteriorari mecanice. In acelasi timp acest placaj da intregului produs - clicheul Unior - un aspect stralucitor si profesional.



PINION

8. Prelucrarea CNC se executa pe masini CNC care asigura precizia necesara. Pinionul este unul din elementele esentiale ale clicheului si dimensiunile individuale trebuiesc executate cu marje de toleranta foarte inguste.



9. Brosarea dintilor este o operatiune pentru modelarea dintilor pe pinion. Geometria celor 72 de dinti garanteaza deplasarea pe ambele fete a clicheului Unior.

10. Tratament termic (calire si revenire): tratamentul termic prin calire si revenire este destinat imbunatatirii structurii otelului pentru a oferi o mai mare duritate si tenacitate produsului, precum si celelalte proprietati necesare depasirii sarcinilor solicitate de munca cu acest produs.



11. Sablarea: curatarea suprafetei dupa tratamentul termic

12. Corpul clicheului

13. Element pentru blocare

14. Butonul de actionare

15. Capac

16. Ejector

17. Montaj

18. Asamblare finala: muncitorii instruiti, calificati si meticolosi care executa asamblarea finala, monteaza produsul intr-un ansamblu care asigura functionalitatea si calitatea ridicata a produsului.



Capete chei tubulare cu patrat de 1/4" 66

Capete chei tubulare cu patrat de 3/8" 73

Capete chei tubulare cu patrat de 1/2" 82

Capete chei tubulare cu patrat de 3/4" 94

Capete chei tubulare cu patrat de 1" 98

Capete chei tubulare de IMPACT 1/4" 99

Capete chei tubulare de IMPACT 3/8" 100

Capete chei tubulare de IMPACT 1/2" 105

Capete chei tubulare de IMPACT 5/8" 106

Capete chei tubulare cu patrat de 3/4" 73

Capete chei tubulare cu patrat de 1" 82

Capete chei tubulare cu patrat de 1.1/2" 94

Capete chei tubulare cu patrat de 2.1/2" 98

Capete chei tubulare de IMPACT 3.1/2" 99

Capete chei tubulare de IMPACT 5-spline 100

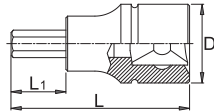
Capete chei tubulare de IMPACT Cover S 105



187/2HX

Capete chei tubulare cu hexagon exterior 1/4"

- material capete chei tubulare: crom-vanadiu, acoperire cromare
- bit: oțel special de scule
- capul cheii este tratat în întregime
- în conformitate cu standardul DIN 7422 (doar pentru dimensiunile în mm)



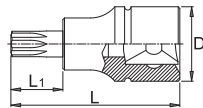
UNIOR

Barcode	Hex	L	L1	D	Weight	Material	Coating	Price
625741	2,5	32	13	12	15	4B	10	13.61
607898	3	32	13	12	18	4B	10	13.61
607899	4	32	13	12	18	4B	10	13.61
607900	5	32	13	12	18	4B	10	13.61
607901	6	32	13	12	18	4B	10	13.61
607902	7	32	13	12	18	4B	10	13.61

187/2TX

Capete chei tubulare cu cap profil TX exterior 1/4"

- material capete chei tubulare: crom-vanadiu, acoperire cromare
- bit: oțel special de scule
- capul cheii este tratat în întregime



UNIOR

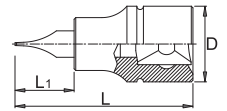
Barcode	TX	L	L1	D	Weight	Material	Coating	Price
607903	TX 8	32	13	12	15	4B	10	13.61
607904	TX 10	32	13	12	15	4B	10	13.61
607905	TX 15	32	13	12	15	4B	10	13.61
607906	TX 20	32	13	12	15	4B	10	13.61
607907	TX 25	32	13	12	15	4B	10	13.61
607908	TX 27	32	13	12	15	4B	10	13.61
607909	TX 30	32	13	12	15	4B	10	13.61
607910	TX 40	32	13	12	17	4B	10	13.61



187/2SL

Capete chei tubulare cu cap surubelnita exterior 1/4"

- material capete chei tubulare: crom-vanadiu, acoperire cromare
- bit: oțel special de scule
- capul cheii este tratat în întregime



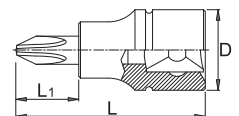
UNIOR

Barcode	a	b	L	L1	D	Weight	Material	Coating	Price
607895	0.8	4	32	13	12	15	4B	10	14.43
607896	1	5.5	32	13	12	15	4B	10	14.43
607897	1.2	7	32	13	12	17	4B	10	14.43

187/2PH

Capete chei tubulare cu cap profil PH exterior 1/4"

- material: capete chei tubulare: crom-vanadiu, acoperire cromare
- bit: oțel special de scule
- capul cheii este tratat în întregime



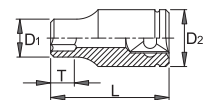
UNIOR

Barcode	PH	L	L1	D	Weight	Material	Coating	Price
607892	PH 1	32	13	12	14	4B	10	14.43
607893	PH 2	32	13	12	14	4B	10	14.43
607894	PH 3	32	13	12	15	4B	10	14.43

188/2 6p

Cap cheie tubulara 1/4"

- material: crom vanadiu
- forjată, calire și revenire totală
- acoperire cromare conform EN12540
- execuție în concordanță cu standardul ISO 2725-1 (numai pentru dimensiunea în mm)



UNIOR

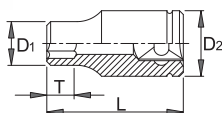
Barcode	Hex	L	D1	D2	T	Weight	Material	Coating	Price
618682	3.2	25	6	12	4	15	4B	10	9.67
600815	4	25	6.7	12	4	15	4B	10	9.67
600816	4.5	25	7.3	12	4	15	4B	10	9.67

Barcode	⊖	L	D1	D2	T	⊞	⊞	⊞	⊞
600817	5	25	8	12	5	15	4B	10	9.67
600818	5.5	25	8.6	12	5.5	15	4B	10	9.67
600819	6	25	9.2	12	6	15	4B	10	9.67
600820	7	25	11	12	6	15	4B	10	9.67
600821	8	25	12	12	7.5	15	4B	10	10.00
600822	9	25	13	13	7.5	15	4B	10	10.00
600823	10	25	14.5	14.5	9	39	4B	10	10.82
600824	11	25	16	15.5	10.5	39	4B	10	10.98
603130	12	25	17	17	10.5	39	4B	10	11.31
600825	13	25	18	18	10.5	39	4B	10	11.64
603131	14	25	19.5	19.5	13	39	4B	10	11.64
618683	3/16"	25	8	11.9	5	15	4B	10	9.67
618684	7/32"	25	8.8	11.9	5	15	4B	10	9.67
618685	1/4"	25	9.3	11.9	5	15	4B	10	9.67
618686	9/32"	25	10.5	11.9	5	15	4B	10	9.67
618687	5/16"	25	10.5	11.9	5	15	4B	10	10.49
618688	11/32"	25	10.5	13.1	5	15	4B	10	10.98
618689	3/8"	25	10.5	14.6	8	39	4B	10	10.98
618690	13/32"	25	10.5	14.6	8	39	4B	10	10.98
618691	7/16"	25	10.5	15.9	8	39	4B	10	10.98
618692	1/2"	25	10.5	17.9	10	39	4B	10	13.44
618693	9/16"	25	10.5	19.7	10	39	4B	10	13.44

188/2 12p

Capete chei tubulare 1/4", cu 12 laturi

- material: crom vanadiu
- forjată, calire și revenire totală
- acoperire cromare conform EN12540
- execuție în concordanță cu standardul ISO 2725-1 (numai pentru dimensiunea în mm)

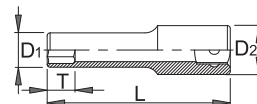


Barcode	⊖	L	D1	D2	T	⊞	⊞	⊞	⊞
618657	4	25	6.8	11.9	5	15	4B	10	9.67
618658	4.5	25	7.1	11.9	5	15	4B	10	9.67
618659	5	25	8	11.9	5	15	4B	10	9.67
618660	5.5	25	8.3	11.9	5	15	4B	10	9.67
618661	6	25	9.3	11.9	5	15	4B	10	9.67
618662	7	25	10.5	11.9	5	15	4B	10	9.67
618663	8	25	10.5	11.9	5	15	4B	10	10.00
618664	9	25	10.5	13.1	8	15	4B	10	10.00
618665	10	25	10.5	14.5	8	39	4B	10	10.82
618666	11	25	10.5	15.8	8	39	4B	10	10.98
618667	12	25	10.5	16.8	8	39	4B	10	11.31
618668	13	25	10.5	17.8	10	39	4B	10	11.64
618669	14	25	10.5	19.6	10	39	4B	10	11.64
618670	3/16"	25	8	11.9	5	15	4B	10	9.67
618671	7/32"	25	8.3	11.9	5	15	4B	10	9.67
618672	1/4"	25	9.3	11.9	5	15	4B	10	9.67
618673	9/32"	25	10.5	11.9	5	15	4B	10	9.67
618674	5/16"	25	10.5	11.9	5	15	4B	10	10.49
618675	11/32"	25	10.5	12.9	5	15	4B	10	10.98
618676	3/8"	25	10.5	13.9	8	39	4B	10	10.98
618677	13/32"	25	10.5	14	8	39	4B	10	10.98
618678	7/16"	25	10.5	15.8	8	39	4B	10	10.98
618679	1/2"	25	10.5	17.8	10	39	4B	10	13.44
618680	9/16"	25	10.5	19.6	10	39	4B	10	13.44

188/2L6p

Capete chei tubulare 1/4", varianta lunga

- material: crom vanadiu
- forjată, calire și revenire totală
- acoperire cromare conform EN12540
- execuție în concordanță cu standardul ISO 2725-1 (numai pentru dimensiunea în mm)

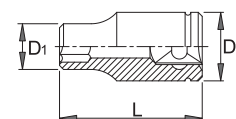


Barcode	⊖	L	D1	D2	T	⊞	⊞	⊞	⊞
618697	3.2	50	6	12	8	20	4B	10	16.89
618881	4	50	6.8	11.9	5	20	4B	10	12.46
618882	4.5	50	7.1	11.9	5	20	4B	10	12.46
618883	5	50	8	11.9	5	20	4B	10	12.46
618884	5.5	50	8.3	11.9	5	20	4B	10	12.46
618885	6	50	9.3	11.9	8	20	4B	10	12.46
618886	7	50	10.5	11.9	8	71	4B	10	12.46
618887	8	50	10.5	11.9	8	71	4B	10	12.46
618888	9	50	10.5	13.1	11	71	4B	10	13.77
618889	10	50	10.5	14.5	11	71	4B	10	14.75
618890	11	50	10.5	15.8	11	71	4B	10	16.39
618891	12	50	10.5	16.8	13	71	4B	10	16.39
618892	13	50	10.5	17.8	13	71	4B	10	18.85
618893	14	50	10.5	19.6	16	71	4B	10	20.98

189/2

Capete chei tubulare cu profil TX interior 1/4"

- material: crom vanadiu
- forjată, calire și revenire totală
- acoperire cromare conform EN12540



Barcode	⊞	L	D2	D1	⊞	⊞	⊞	⊞
607911	E 4	25	12	5.4	15	4B	10	17.87
607912	E 5	25	12	6.7	15	4B	10	17.87
607913	E 6	25	12	7.7	15	4B	10	18.20
607914	E 7	25	12	8.3	15	4B	10	18.20
607915	E 8	25	12	10.1	15	4B	10	18.36
607916	E 10	25	12	11.3	15	4B	10	18.36
607917	E 11	25	12	12.9	15	4B	10	18.69

188.1/1ABI

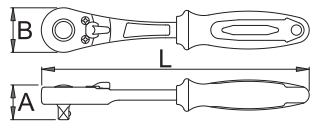
Antrenor cu clichet reversibil 1/4"

1/4"

- material: compozitie speciala pentru calire revenire
- corp forjat
- tratament termic total
- suprafata: cromata in concordanta cu standardul EN 12540
- maner ergonomic rezistent bimaterial
- executie in concordanta cu standardul ISO 3315

Avantaje:

- cu 40 de dinti
- unghi de lucru: 9°
- sistem de blocare de securitate
- capul tubular este eliberat din clichet printr-o simpla apasare pe buton



UNIOR

		L	A	B				
611901	1/4"	157	24.5	25	111	4B	10	183.93

188.1/1FBI

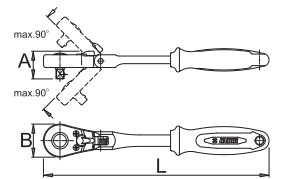
Antrenor cu clichet reversibil articulat 1/4"

1/4"

- material: compozitie speciala pentru calire revenire
- corp forjat
- tratament termic total
- suprafata: cromata in concordanta cu standardul EN 12540
- maner ergonomic rezistent bimaterial

Avantaje:

- cu 40 de dinti
- unghi de lucru: 9°
- antrenorul articulat permite lucrul cu o inclinare a mainii pana la max 90° cu un unghi de inclinare de 22,5°
- sistem de blocare de securitate
- capul tubular este eliberat din clichet printr-o simpla apasare pe buton



UNIOR

		L	A	B				
618367	1/4"	180	22	25	127	4B	10	250.33

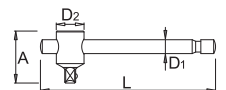


188.3/2

Antrenor cu parghie glisanta 1/4"

1/4"

- material: crom vanadiu
- tratament termic total
- suprafata: cromata in concordanta cu standardul EN 12540
- executie in concordanta cu standardul ISO 3315



UNIOR

		L	A	D1	D2				
600830	1/4"	120	24	7	14	47	4A	10	39.67

188.2/2BI

Antrenor articulat cu maner

1/4"

- material: crom vanadiu
- corp forjat
- tratament termic total
- suprafata: cromata in concordanta cu standardul EN 12540
- maner ergonomic rezistent bimaterial
- executie in concordanta cu standardul ISO 3315



UNIOR

		L				
611902	1/4"	150	81	4B	10	80.66

188.11

Parti componente pentru 188.1/1ABI si 188.1/1FBI



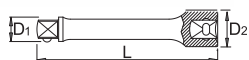
UNIOR

612503	1/4"	11	30	1E	107.07

188.4/2

Prelungitor 1/4"

- material: crom vanadiu
- forjată, calire și revenire totală
- acoperire cromare conform EN12540
- produs în conformitate cu standardul ISO 3316

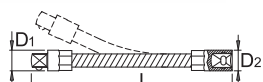


Barcode	Color	L	D1	D2	Weight	Material	Quantity	Price
600826	1/4"	55	8	12	18	4B	10	32.95
625393	1/4"	100	8	12	40	4B	10	45.25
600827	1/4"	150	8	12	50	4B	10	41.15

188.4/2F

Prelungitor flexibil 1/4"

- material: crom vanadiu
- capul cheii este tratat în întregime
- acoperire cromare conform EN12540

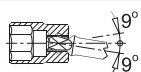


Barcode	Color	L	D1	D2	Weight	Material	Quantity	Price
612868	1/4"	150	8.3	12	56	4B	10	35.90

188.4/2S

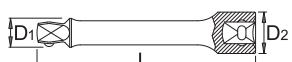
Prelungitor lung cu sfera 1/4"

- material: crom vanadiu
- forjată, calire și revenire totală
- acoperire cromare conform EN12540



Avantaje:

- forma capului sferic permite lucrul la un unghi de 9°

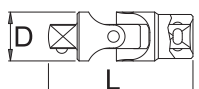


Barcode	Color	L	D1	D2	Weight	Material	Quantity	Price
610911	1/4"	55	8	12	18	4B	10	44.75
610910	1/4"	150	8	12	51	4B	10	41.80

188.6/2

Intermediar cardanic 1/4"

- material: crom vanadiu
- forjată, calire și revenire totală
- acoperire cromare conform EN12540
- produs în conformitate cu standardul ISO 3316

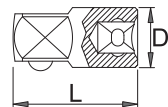


Barcode	Color	L	D	Weight	Material	Quantity	Price
607821	1/4"	41	14	35	4B	10	39.34

188.7/2

Adaptor 1/4"-3/8"

- material: crom vanadiu
- forjată, calire și revenire totală
- acoperire cromare conform EN12540
- produs în conformitate cu standardul ISO 3316

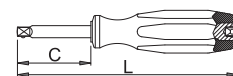


Barcode	Color	L	D	Weight	Material	Quantity	Price
607976	1/4" - 3/8"	35	12	23	4B	10	18.03

188.8

Surubelnita cu patrat de 1/4"

- material: tija - crom vanadiu tratată complet
- maner - polipropilena
- executie în concordanță cu standardul ISO 3315



Barcode	Color	L	C	Weight	Material	Quantity	Price
607349	1/4"	150	50	97	4A	10	57.70



188.9

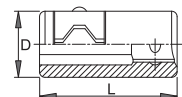
Adaptor pentru bit

- material: oțel carbon de scule
- forjată, calire și revenire totală
- acoperire cromare conform EN12540



Utilizare

- pentru bituri E6, 3 C6, 3



Barcode	Color	L	D	Weight	Material	Quantity	Price
612867	1/4" - 1/4"	25	12	18	4B	10	18.03

188H

Suport metallic pentru capete chei tubulare 1/4"

- dimensiune 165 - pentru set de 10 piese 4-13, numarul maxim de cleme 13
- dimensiunea 205 - 10 piese in set aceiasi dimensiune (14), numarul maxim de cleme 17

1/4"



UNIOR

Barcode	L	Weight	Material	Quantity	Price
619088	165	43	1E	10	10.66
619235	205	53	1E	10	11.15

188H1

Set de 10 cleme pentru 188 H

1/4"



UNIOR

Barcode	Quantity	Material	Price
619410	11	1E	6.89

188H6P12

Set de capete chei tubulare 1/4" pe sina



UNIOR

Barcode	No	Quantity	Weight	Material	Price
622628	188H6P12	4 - 13 / 12	250	1E	133.61

188/2 6p (4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13), 188H(205)

188H6LP9

Set de capete chei tubulare varianta lunga 1/4", pe sina



UNIOR

Barcode	No	Quantity	Weight	Material	Price
622629	188H6LP9	4 - 13 / 9	300	1E	137.54

188/2L6p (4, 5, 6, 7, 8, 9, 10, 12, 13), 188H (205)

188BI

Trusa capete chei tubulare 1/4" in cutie metalica

- dimensiunea cutiei : 197 x 105 x 38 mm



UNIOR

Barcode	Quantity	Weight	Material	Price
611996	4 - 13 / 16	897	1G	590.33

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 (1/4" x 55, 1/4" x 150)

188BI12P16

Trusa capete chei tubulare si accesorii 1/4" in cutie metalica

- dimensiunea cutiei : 197 x 105 x 38 mm



UNIOR

Barcode	Quantity	Weight	Material	Price
617118	4 - 13 / 16	871	1G	586.56

188/2 12p (4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 13), 188.4/2 (1/4"x55, 1/4"x150), 188.3/2 (1/4"), 188.1/1ABI (1/4"), 188.2/2BI (1/4")

188BI6P36

Trusa de capete chei tubulare si biti 1/4"

- dimensiunea cutiei : 244 x 207 x 59 mm



UNIOR

Barcode	Quantity	Weight	Material	Price
621407	36	813	1G	744.26

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 (1/4" x 55, 1/4" x 150), 188.6/2 (1/4"), 188.9 (1/4" - 1/4"), 188.8 (1/4")

188B12P16INCH

Trusa capete chei tubulare 1/4" in cutie metalica

• dimensiunea cutiei : 197 x 105 x 38 mm



UNIOR

619414	3/16" - 9/16" / 16	861	1G	1	595.25
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188.1/1ABI (1/4"), 188.2/2BI (1/4"),
 188.3/2 (1/4"), 188.4/2 (1/4" x 55, 1/4" x 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")

188B16P16INCH

Trusa capete chei tubulare 1/4" in cutie metalica

• dimensiunea cutiei : 197 x 105 x 38 mm



UNIOR

619413	3/16" - 9/16" / 16	920	1G	1	595.25
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188.1/1ABI (1/4"), 188.2/2BI (1/4"),
 188.3/2 (1/4"), 188.4/2 (1/4" x 55, 1/4" x 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")

188B

Trusa capete chei tubulare 1/4" in cutie metalica

• dimensiunea cutiei : 321 x 198 x 54 mm



UNIOR

615150	44	1990	1G	1	1064.92
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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 (1/4" x 55, 1/4" x 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)

188C

Trusa capete chei tubulare 1/4" in cutie metalica

• dimensiunea cutiei : 321 x 198 x 54 mm



UNIOR

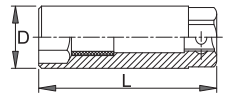
615151	33	1850	1G	1	897.21
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188/2 6p (4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13, 14) 188.1/1ABI (1/4"), 188.3/2 (1/4"), 188.4/2 (1/4" x 55, 1/4" x 150), 188.6/2 (1/4"), 187/2PH (PH 1, PH 2, PH 3), 187/2HX (3, 4, 5, 6, 7), 187/2TX (TX 8, TX 10, TX 15, TX 25, TX 27, TX 30, TX 40)

186.4/2

Cheie de bujii cu patrat de 3/8"

- material: crom vanadiu
- forjata, calire si revenire totala
- acoperire cromare conform EN12540



UNIOR

603193	620820	603192	600776
16	18	19	21
22	24.7	26	27
63	63	63	66
19	22	22	19
68	68	68	68
4B	4B	4B	4B
10	10	10	10
26.39	28.36	30.82	49.02

186.4/2A

Cheie de bujii 3/8"

- material: crom molibden
- forjata, calire si revenire totala
- acoperire cromare conform EN12540



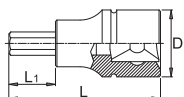
UNIOR

622513	14	18	63	17	58	4B	10	53.28
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236/2HX

Capete chei tubulare cu profil hexagonal exterior 3/8"

- material capete chei tubulare: crom-vanadiu, acoperire cromare
- bit: otel special de scule
- capul cheii este tratat in intregime
- conform cu standardul DIN 7422 (doar pentru dimensiunile in mm)



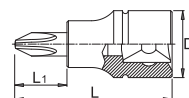
UNIOR

Barcode	Hex	L	L1	D	Weight	Material	Coating	Price
612082	4	48	22	18	39	4B	10	36.39
612083	5	48	22	18	39	4B	10	36.39
612084	6	48	22	18	41	4B	10	36.39
612085	8	48	22	18	45	4B	10	36.39
612086	10	48	22	18	56	4B	10	38.20
617662	1/8"	48	22	18	39	4B	10	35.25
617663	9/64"	48	22	18	39	4B	10	35.25
617664	5/32"	48	22	18	39	4B	10	35.25
617665	3/16"	48	22	18	39	4B	10	35.25
617666	7/32"	48	22	18	41	4B	10	35.25
617667	1/4"	48	22	18	41	4B	10	35.25
617668	5/16"	48	22	18	45	4B	10	35.25
617669	3/8"	48	22	18	56	4B	10	37.05

236/2PH

Capete chei tubulare cu profil Phillips 3/8"

- material capete chei tubulare: crom-vanadiu, acoperire cromare
- bit: otel special de scule
- capul cheii este tratat in intregime



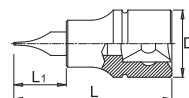
UNIOR

Barcode	Profile	D	L	L1	Weight	Material	Coating	Price
612093	PH 2	18	48	22	39	4B	10	49.18
612094	PH 3	18	48	22	39	4B	10	49.18

236/2SL

Capete chei tubulare cu profil de surubelnita exterior 3/8"

- material capete chei tubulare: crom-vanadiu, acoperire cromare
- bit: otel special de scule
- capul cheii este tratat in intregime



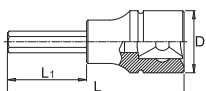
UNIOR

Barcode	Profile	D	L	L1	Weight	Material	Coating	Price
612098	5.5	18	48	22	42	4B	10	56.39
612099	8	18	48	22	45	4B	10	56.39

236/2HXL

Capete chei tubulare cu profil hexagonal exterior lungi 3/8"

- material capete chei tubulare: crom-vanadiu, acoperire cromare
- bit: otel special de scule
- capul cheii este tratat in intregime
- conform cu standardul DIN 7422 (doar pentru dimensiunile in mm)



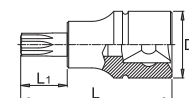
UNIOR

Barcode	Hex	L	L1	D	Weight	Material	Coating	Price
612087	4	92	66	18	65	4B	10	42.95
612088	5	92	66	18	65	4B	10	42.95
612089	6	92	66	18	65	4B	10	42.95
612090	8	92	66	18	65	4B	10	42.95
612091	10	92	66	18	65	4B	10	45.25

236/2TX

Capete chei tubulare cu profil TORX exterior 3/8"

- material: capete chei tubulare: crom-vanadiu, acoperire cromare
- bit: otel special de scule
- capul cheii este tratat in intregime



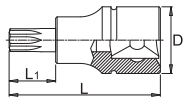
UNIOR

Barcode	Profile	D	L	L1	Weight	Material	Coating	Price
612101	TX 15	18	48	22	39	4B	10	48.52
612102	TX 20	18	48	22	39	4B	10	48.52
612103	TX 25	18	48	22	39	4B	10	48.52
612104	TX 27	18	48	22	39	4B	10	50.66
612105	TX 30	18	48	22	39	4B	10	50.66
612106	TX 40	18	48	22	40	4B	10	53.11

236/2ZX

Capete chei tubulare cu profil ZX exterior 3/8"

- material: capete chei tubulare: crom-vanadiu, acoperire cromare
- bit: otel special de scule
- capul cheii este tratat in intregime
- in conformitate cu standardul DIN 2324



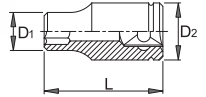
UNIOR

Barcode	Material	L	L1	D	Weight	Material	Material	Material	Material
612113	M5	48	22	18	37	4B	10		56.39
612114	M6	48	22	18	39	4B	10		56.39
612115	M8	48	22	18	46	4B	10		56.39

237/1

Capete chei tubulare cu profil TX interior 3/8"

- material: crom vanadiu
- forjata, calire si revenire totala
- acoperire cromare conform EN12540



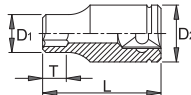
UNIOR

Barcode	Material	L	L1	D2	D1	Weight	Material	Material	Material
612121	E 8	28	11	16.8	12	30	4B	10	29.51
612122	E 10	28	11	16.8	13.5	32	4B	10	29.51
612123	E 11	28	11	16.8	14	30	4B	10	29.51
612124	E 12	28	11	16.8	15	32	4B	10	29.51
612125	E 14	28	11	17.8	17	37	4B	10	29.51
612126	E 16	28	11	19.8	19	45	4B	10	29.51

238/1 6p

Capete chei tubulare 3/8"

- material: crom vanadiu
- forjata, calire si revenire totala
- acoperire cromare conform EN12540
- polizate
- executie in concordanta cu standardul ISO 2725-1 (numai pentru dimensiunea in mm)



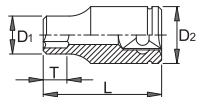
UNIOR

Barcode	Material	L	D1	D2	T	Weight	Material	Material	Material
605322	6	28	9.9	16.9	4	28	4B	10	15.08
605323	7	28	10.6	16.9	4	28	4B	10	15.08
605324	8	28	11.8	16.9	5	28	4B	10	15.08
605325	9	28	13.2	16.9	5	29	4B	10	15.08
605326	10	28	14.5	16.9	6	29	4B	10	15.08
605327	11	28	15.7	16.9	7	30	4B	10	15.08
605328	12	28	16.9	16.9	8	31	4B	10	15.08
605329	13	28	17.9	17.9	8	35	4B	10	15.08
605330	14	28	19.6	19.6	10	41	4B	10	16.39
605331	15	28	21	21	10	44	4B	10	19.02
605332	16	30	21.8	21.8	10	52	4B	10	19.34
605333	17	30	23.4	23.4	10	57	4B	10	21.48
605334	18	30	24.7	21	12	57	4B	10	21.48
605335	19	30	25.8	23	12	59	4B	10	21.48
605336	20	32	27.1	24	12	73	4B	10	24.43
605337	21	32	27.8	25	12	73	4B	10	25.08
605338	22	32	29.5	26	14	88	4B	10	26.89

238/1 12p

Capete chei tubulare 3/8" cu 12 laturi

- material: crom vanadiu
- forjata, calire si revenire totala
- acoperire cromare conform EN12540
- polizate
- executie in concordanta cu standardul ISO 2725-1 (numai pentru dimensiunea in mm)



UNIOR

Barcode	Material	L	D1	D2	T	Weight	Material	Material	Material
617122	6	28	10.6	16.9	4	28	4B	10	15.08
616905	7	28	10.6	16.9	4	28	4B	10	15.08
616906	8	28	11.8	16.9	5	29	4B	10	15.08
616907	9	28	13.2	16.9	5	29	4B	10	15.08
616908	10	28	14.5	16.9	6	30	4B	10	15.08
616909	11	28	15.7	16.9	7	29	4B	10	15.08
616910	12	28	16.9	16.9	8	28	4B	10	15.08
616911	13	28	17.9	17.9	8	32	4B	10	15.08
616912	14	28	19.6	19.6	10	39	4B	10	16.39
616913	15	28	21	21	10	46	4B	10	19.02
616914	16	30	21.8	21.8	10	48	4B	10	19.34
616915	17	30	23.4	23.4	10	49	4B	10	21.48
616916	18	30	24.7	21	12	65	4B	10	21.48
616917	19	30	25.8	23	12	73	4B	10	21.48
616918	20	32	27.1	24	12	86	4B	10	24.43
616919	21	32	27.8	25	12	88	4B	10	25.08
616920	22	32	29.5	26	14	105	4B	10	26.89
616921	23	32	31.5	27	14	120	4B	10	29.18
616922	24	32	31.8	28	14	112	4B	10	39.51
616923	1/4"	28	10.2	16.7	8	28	4B	10	12.46
616924	5/16"	28	11.8	16.7	8	29	4B	10	12.46
616925	3/8"	28	14.5	16.7	8	30	4B	10	12.46

Barcode	Hex	L	D1	D2	T±	Weight	Material	Quantity	Price
616926	7/16"	28	15.7	16.7	8	29	4B	10	12.46
616927	1/2"	28	15.7	17.7	8	32	4B	10	12.46
616928	9/16"	28	15.7	19.5	12	39	4B	10	14.10
616929	5/8"	30	15.7	21.7	12	48	4B	10	15.41
616930	11/16"	30	15.7	23.3	12	59	4B	10	17.38
616931	3/4"	30	25.7	23	14	73	4B	10	23.44
616932	13/16"	32	27.7	25	14	88	4B	10	30.82
616933	7/8"	32	29.5	26	14	105	4B	10	33.93
616934	15/16"	32	31.7	28	14	112	4B	10	35.90
616935	1"	32	33.7	30	14	132	4B	10	46.72

238/1L6p

Capete chei tubulare 3/8", varianta lunga

- material: crom vanadiu
- forjata, calire si revenire totala
- acoperire cromare conform EN12540
- polizate
- executie in concordanta cu standardul ISO 2725-1 (numai pentru dimensiunea in mm)



UNIOR

Barcode	Hex	L	D1	D2	T±	Weight	Material	Quantity	Price
612036	8	63	11.8	16.8	9	55	4B	10	30.33
612037	9	63	13.2	16.8	9	58	4B	10	30.33
612038	10	63	14.5	16.8	9	61	4B	10	30.82
612039	11	63	15.7	16.8	12	67	4B	10	30.82
612040	12	63	16.8	16	12	75	4B	10	30.82
612041	13	63	17.8	16.5	12	81	4B	10	30.82
612042	14	63	19.55	17	15	91	4B	10	30.82
612043	15	63	20.75	18	15	117	4B	10	31.31
612044	16	63	21.75	19	15	107	4B	10	32.30
612045	17	63	23.3	20	15	128	4B	10	33.77
612046	18	63	24.5	21	18	112	4B	10	38.69
612047	19	63	25.7	23	18	147	4B	10	40.16
612048	20	63	27	24	18	157	4B	10	41.15
612049	21	63	27.7	25	18	165	4B	10	42.46
612050	22	63	29.5	26	21	200	4B	10	46.39

11501420002

Cap tubular universal 3/8" cu pini

- capacitate de prindere 7-19 mm



TIVOLY



Barcode	Hex	A	Price
11501420002	3/8"	30	297.96

238.1/1ABI

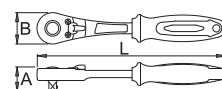
Antrenor cu clichet reversibil 3/8"

3/8"

- material: compositie speciala pentru calire revenire
- corp forjat
- tratament termic total
- suprafata: cromata in concordanta cu standardul EN 12540
- maner ergonomic rezistent bimaterial
- executie in concordanta cu standardul ISO 3315

Avantaje:

- 75 de dinti
- unghi de lucru: 4,8°
- sistem de blocare de securitate
- capul tubular este eliberat din clichet printr-o simpla apasare pe buton



UNIOR

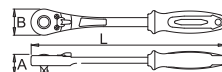
Barcode	Hex	L	A	B	Weight	Material	Quantity	Price
612501	3/8"	200	30	35	239	4B	10	225.74

238.1/1ALBI

Antrenor cu clichet reversibil 3/8" varianta lunga

3/8"

- material: compositie speciala pentru calire revenire
- corp forjat
- tratament termic total
- suprafata: cromata in concordanta cu standardul EN 12540
- maner ergonomic rezistent bimaterial
- 75 de dinti
- executie in concordanta cu standardul ISO 3315



UNIOR

Barcode	Hex	L	A	B	Weight	Material	Quantity	Price
617631	3/8"	260	30	35	274	4B	10	223.77

238.1/1FBI

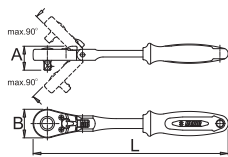
Antrenor cu clichet reversibil articulat 3/8"

3/8"

- material: compositie speciala pentru calire revenire
- corp forjat
- tratament termic total
- suprafata: cromata in concordanta cu standardul EN 12540
- maner ergonomic rezistent bimaterial

Avantaje:

- 75 de dinti
- unghi de lucru: 4,8°
- antrenorul articulata permite lucrul cu o inclinare a mainii pana la max 90° cu un unghi de inclinare de 22,5°
- sistem de blocare de securitate
- capul tubular este eliberat din clichet printr-o simpla apasare pe buton



UNIOR

618368	3/8"	L	A	B	322	4B	10	330.66
		260	30	35				

238.2/1BI

Antrenor articulata cu maner bimaterial 3/8"

3/8"

- material: crom molibden
- corp forjat
- tratament termic total
- suprafata: cromata in concordanta cu standardul EN 12540
- maner ergonomic rezistent bimaterial
- executie in concordanta cu standardul ISO 3315



UNIOR

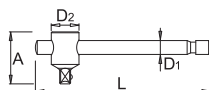
612502	3/8"	L	188	4B	10	92.79
		210				

238.3/1

Antrenor cu parghie glisanta 3/8"

3/8"

- material: crom vanadiu
- tratament termic total
- acoperire cromare conform EN12540
- capete polizate
- executie in concordanta cu standardul ISO 3315



UNIOR

605341	3/8"	L	A	D1	D2	149	4A	10	51.97
		165	34	10.4	19				

238.11

Parti componente pentru 238.1A BI



UNIOR

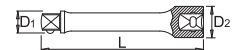
612505	8	66	1E	1	106.89

238.4/2

Prelungitor 3/8"

- material: crom vanadiu
- forjata, calire si revenire totala
- acoperire cromare conform EN12540
- conform cu standardul ISO 3316

3/8"



UNIOR

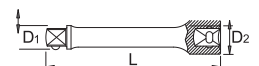
600777	3/8"	L	D1	D2	48	4B	10	29.51
		45	12.5	18				
600778	3/8"	L	D1	D2	76	4B	10	44.26
		75	12.5	18				

238.4/1

Prelungitor lung 3/8"

- material: crom vanadiu
- forjata, calire si revenire totala
- acoperire cromare conform EN12540
- capete polizate
- conform cu standardul ISO 3316

3/8"



UNIOR

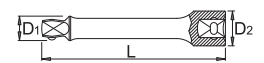
605343	3/8"	L	D1	D2	121	4B	10	53.28
		125	12.5	18				
605342	3/8"	L	D1	D2	233	4B	10	60.82
		250	12.5	18				

238.4/1S

Prelungitor lung cu cap sferic 3/8"

- material: crom vanadiu
- forjata, calire si revenire totala
- acoperire cromare conform EN12540
- capete polizate

3/8"



UNIOR

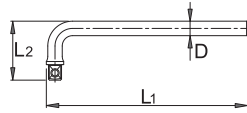
610913	3/8"	L	D1	D2	120	4B	10	41.31
		125	12.5	18				

238.5/2

Antrenor cotit 3/8"

3/8"

- material: crom vanadiu
- forjat, tratat complet
- acoperire cromare conform EN12540
- executie in concordanta cu standardul ISO 3315



UNIOR

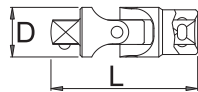
611962	3/8"	L1	L2	D	145	4A	10	46.23
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238.6/1

Intermediar cardanic 3/8"

3/8"

- material: crom vanadiu
- forjata, calire si revenire totala
- acoperire cromare conform EN12540
- conform cu standardul ISO 3316



UNIOR

605344	3/8"	L	D	72	4B	10	46.89
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238.7/2

Adaptor 3/8"

3/8"

1/2"

- material: crom vanadiu
- forjata, calire si revenire totala
- acoperire cromare conform EN12540
- conform cu standardul ISO 3316



UNIOR

605345	3/8" - 1/2"	D	L	38	4B	10	18.69
607977	3/8" - 1/4"	18	32	38	4B	10	14.92



239A

Trusa capete chei tubulare 3/8" in cutie metalica

3/8"

- dimensiunea cutiei : 321 x 198 x 54 mm



UNIOR

612509	6 - 22 / 24	2935	1G	1	1086.89
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- 238/1 6p (6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22),
- 238.3/1 (3/8"), □ 238.4/1 (3/8" x 250, 3/8" x 125),
- 238.6/1 (3/8"), □ 238.1/1ABI (3/8"),
- 238.2/1BI (3/8"), □ 238.7/2 (3/8" - 1/2")

239A12P24

Trusa capete chei tubulare si accesorii 3/8" in cutie metalica

3/8"

- dimensiunea cutiei : 321 x 198 x 54 mm



UNIOR

617117	6 - 22 / 24	2920	1G	1	1086.89
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- 238/1 12p (6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22),
- 238.3/1 (3/8"), □ 238.4/1 (3/8" x 250, 3/8" x 125),
- 238.6/1 (3/8"), □ 238.1/1ABI (3/8"),
- 238.2/1BI (3/8"), □ 238.7/2 (3/8" - 1/2")

238H

Suport pentru capete chei tubulare 3/8"

3/8"

- dimensiunea 260 - pentru set de 10 piese de la 6-22, numarul maxim de cleme 15
- dimensiunea 345 - 10 piese de aceiasi dimensiune (22), numarul maxim de cleme 20



UNIOR

619089	L	69	1E	10	13.61
619236	345	84	1E	10	12.46

238H1

Set de 10 cleme pentru art. 238H

3/8"

UNIOR

619411	16	1E	1	7.70
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239C

Trusa capete chei tubulare 3/8" in cutie metalica

• dimensiunea cutiei : 321 x 198 x 54 mm



UNIOR

613072	30	2930	1G	1	1334.26

- 238/1 6p (6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22),
- 238.3/1 (3/8"), □ 238.4/1 (3/8" x 250, 3/8" x 125),
- 238.6/1 (3/8"), □ 236/2HX (4, 5, 6, 8), □ 236/2PH (PH 2, PH 3),
- 236/2SL (5, 5, 8), □ 238.1/1ABI (3/8")

239D

Trusa capete chei tubulare 3/8" in cutie metalica

• dimensiunea cutiei : 321 x 198 x 54 mm



UNIOR

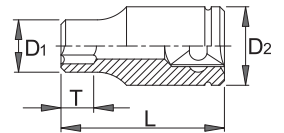
613073	30	3190	1G	1	1354.59

- 238/1 6p (6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19),
- 238.3/1 (3/8"), □ 238.4/1 (3/8" x 250, 3/8" x 125),
- 238.6/1 (3/8"), □ 238.5/2 (3/8"), □ 236/2HX (4, 5, 6, 8, 10),
- 236/2HXL (4, 5, 6, 8, 10), □ 238.1/1ABI (3/8")

190/1 6p

Capete chei tubulare 1/2"

- material: crom molibden
- forjata, calire si revenire totala
- acoperire cromare conform EN12540
- polizate
- executie in concordanta cu standardul ISO 2725-1 (numai pentru dimensiunea in mm)



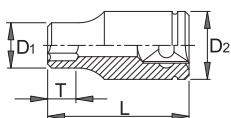
UNIOR

		L	D1	D2	T				
605307	8	38	13.2	22.9	12	55	4B	10	21.48
610155	9	38	13.9	22.9	12	55	4B	10	22.46
600851	10	38	15	22.9	12	55	4B	10	22.46
600852	11	38	16.3	22.9	12	55	4B	10	22.46
600853	12	38	17.9	22.9	12	65	4B	10	22.46
600854	13	38	18.8	22.9	12	65	4B	10	22.46
600855	14	38	19.7	22.9	12	65	4B	10	22.46
600856	15	38	20.4	22.9	12	65	4B	10	22.46
600857	16	38	22.9	21.5	12	85	4B	10	22.46
600858	17	38	24.3	22	12	95	4B	10	29.02
600859	18	38	25.5	23	12	100	4B	10	29.02
600860	19	38	26.8	24	14	105	4B	10	29.02
600861	20	38	28.1	24	14	115	4B	10	30.16
600862	21	38	29.3	25	14	128	4B	10	30.16
600863	22	38	30.4	25	14	142	4B	10	30.66
600864	23	40	31.7	26	14	147	4B	10	34.10
600865	24	42	33.1	28	16	165	4B	10	34.10
600866	25	42	34.2	29	16	126	4B	10	34.10
600867	26	42	35.3	30	16	126	4B	10	34.59
600868	27	43	37	30	18	180	4B	10	37.54
600869	28	43	38	31	20	185	4B	10	37.54
610156	29	43	39	32	20	185	4B	10	38.85
600871	30	46	40.7	34	22	195	4B	10	41.97
600872	32	46	43.2	36	22	237	4B	10	41.97
610105	5/16"	38	13.2	22.9	12	55	4B	10	23.61
610106	3/8"	38	15	22.9	12	55	4B	10	23.61
610107	7/16"	38	16.3	22.9	12	55	4B	10	23.61
610108	1/2"	38	18.8	22.9	12	65	4B	10	23.61
610109	9/16"	38	20.4	22.9	12	65	4B	10	23.61
610110	5/8"	38	22.9	21.5	12	85	4B	10	23.61
610111	11/16"	38	25.5	23	12	95	4B	10	30.33
610112	3/4"	38	26.8	24	14	105	4B	10	30.33
610113	13/16"	38	29.3	25	14	128	4B	10	31.64
610114	7/8"	40	31.7	26	14	142	4B	10	31.64
610115	15/16"	42	33.1	28	16	165	4B	10	35.90
610116	1"	42	35.3	30	16	126	4B	10	36.39
610117	1.1/16"	43	37	30	18	180	4B	10	39.34
610118	1.1/8"	43	39	32	20	185	4B	10	39.34
610119	1.3/16"	46	40.7	34	22	237	4B	10	42.46
610120	1.1/4"	46	43.2	36	22	55	4B	10	42.46

190/1 12p

Capete chei tubulare 1/2" cu 12 laturi

- material: crom vanadiu
- forjată, calire și revenire totală
- acoperire cromare conform EN12540
- polizate
- executie în concordanță cu standardul ISO 2725-1 (numai pentru dimensiunea în mm)

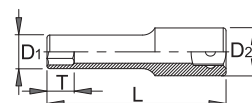


UNIOR

190/1L12p

Capete chei tubulare varianta lunga 1/2" cu 12 laturi

- material: crom vanadiu
- forjată, calire și revenire totală
- acoperire cromare conform EN12540
- polizate
- executie în concordanță cu standardul ISO 2725-1 (numai pentru dimensiunea în mm)



UNIOR

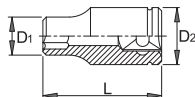
Barcode	Symbol	D1	D2	L	T±	Weight	Material	Finish	Price
603812	10	15	22.9	38	12	55	4B	10	22.46
603813	11	16.3	22.9	38	12	55	4B	10	22.46
603814	12	17.9	22.9	38	12	65	4B	10	22.46
603815	13	18.8	22.9	38	12	65	4B	10	22.46
603816	14	19.7	22.9	38	12	65	4B	10	22.46
603817	15	20.4	22.9	38	12	65	4B	10	22.46
603818	16	22.9	21.5	38	12	65	4B	10	22.46
603819	17	24.3	22	38	12	65	4B	10	29.02
603820	18	25.5	23	38	12	100	4B	10	29.02
603821	19	26.8	24	38	14	105	4B	10	29.02
603822	20	28.1	24	38	14	115	4B	10	30.16
603823	21	29.3	25	38	14	128	4B	10	30.16
603824	22	30.4	25	38	14	142	4B	10	30.66
603825	23	31.7	26	40	14	147	4B	10	34.10
603826	24	33.1	28	42	16	165	4B	10	34.10
603827	27	37	30	43	18	180	4B	10	37.54
603828	30	40.7	34	46	22	195	4B	10	41.97
603829	32	43.2	36	46	22	237	4B	10	41.97
621722	36	48	42	46	22	245	4B	10	64.43
609366	3/8"	15	22.9	38	12	55	4B	10	24.92
609367	7/16"	16.3	22.9	38	12	55	4B	10	24.92
609368	1/2"	18.8	22.9	38	12	65	4B	10	26.72
609369	9/16"	20.4	22.9	38	12	65	4B	10	26.72
609370	19/32"	20.4	20.7	38	12	65	4B	10	27.70
609371	5/8"	22.9	21.5	38	12	65	4B	10	27.70
609372	11/16"	25.5	23	38	12	65	4B	10	27.70
609373	3/4"	26.8	24	38	14	105	4B	10	30.98
609374	25/32"	27.9	24	38	14	115	4B	10	37.05
609375	13/16"	29.3	25	38	14	128	4B	10	37.05
609376	7/8"	31.7	26	40	14	142	4B	10	33.28
609377	15/16"	33.1	28	42	16	165	4B	10	35.90
609378	1"	35.3	30	42	16	170	4B	10	37.54
609379	1.1/16"	37	30	43	18	180	4B	10	40.82
609380	1.1/8"	39	32	43	20	190	4B	10	45.25
609381	1.3/16"	40.7	34	46	22	195	4B	10	48.20
609382	1.1/4"	43.2	36	46	22	237	4B	10	50.49



191/1

Capete chei tubulare cu profil TX interior 1/2"

- material:crom vanadiu
- forjată, calire și revenire totală
- acoperire cromare conform EN12540
- polizate



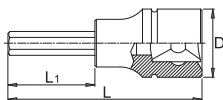
UNIOR

UNIOR	1/2"	D2	D1	L	1	4B	10	35.41
607141	E 10	22	14	38	58	4B	10	35.41
607142	E 11	22	15	38	52	4B	10	35.41
607143	E 12	22	15	38	55	4B	10	35.41
607144	E 14	22	17	38	57	4B	10	35.41
607145	E 16	22	19	38	62	4B	10	35.41
607146	E 18	22	21	38	78	4B	10	37.70
607147	E 20	26	23	40	95	4B	10	39.84
607148	E 22	26	25.3	40	105	4B	10	41.97
607149	E 24	28	27.3	40	119	4B	10	45.57

192/2HXL

Capete chei tubulare cu profil hexagonal exterior lungi 1/2"

- material: capete chei tubulare: crom-vanadiu, acoperire cromare
- bit: otel special de scule
- capul cheii este tratat în întregime
- produs conform standardului DIN 7422 (doar pentru dimensiunile în mm)



UNIOR

UNIOR	1/2"	D	L	L1	1	4B	10	36.07
603380	5	22.9	100	64	67	4B	10	36.07
603381	6	22.9	100	64	67	4B	10	36.07
619805	6	22.9	183	147	95	4B	10	38.52
603383	7	22.9	100	64	67	4B	10	37.21
603384	8	22.9	100	64	67	4B	10	37.21
619806	8	22.9	143	107	115	4B	10	40.16
603386	10	22.9	100	64	117	4B	10	38.69
619807	10	22.9	163	127	163	4B	10	45.25
603455	12	22.9	100	64	139	4B	10	38.69
619415	14	22.9	100	64	165	4B	10	39.02

191MB1

Trusa capete chei tubulare cu profil TX interior 1/2" în cutie metalică

- Dimensiunea cutiei : 197 x 105 x 38



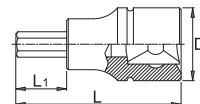
UNIOR

UNIOR	1/2"	9	1000	1G	1	436.56
607314	191/1	(E 10, E 11, E 12, E 14, E 16, E 18, E 20, E 22, E 24)				

192/2HX

Capete chei tubulare cu profil hexagonal exterior 1/2"

- material: capete chei tubulare: crom-vanadiu, acoperire cromare
- bit: otel special de scule
- capul cheii este tratat în întregime
- dimensiunile 17, 19, 22, 24 sunt utilizate pentru schimbarea și montarea roților față
- produs conform standardului DIN 7422 (doar pentru dimensiunile în mm)



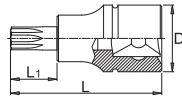
UNIOR

UNIOR	1/2"	D	L	L1	1	4B	10	30.49
600978	4	23	60	24	60	4B	10	30.49
603420	5	23	60	24	60	4B	10	30.49
603421	6	23	60	24	60	4B	10	30.49
603422	7	23	60	24	75	4B	10	31.31
603423	8	23	60	24	81	4B	10	31.31
605923	9	23	60	24	85	4B	10	32.46
603424	10	23	60	24	95	4B	10	32.46
603425	12	23	60	24	116	4B	10	33.44
624033	13	23	60	24	120	4B	10	41.80
603426	14	23	60	24	168	4B	10	43.44
624034	15	23	60	24	170	4B	10	46.56
603427	17	24	60	20	187	4B	10	47.54
603428	19	26.5	60	20	195	4B	10	50.49
623141	22	26.5	60	20	196	4B	5	56.89
623142	24	26.5	60	20	210	4B	5	58.20
619894	3/16"	22.9	40	24	60	4B	10	30.49
619895	7/32"	22.9	40	24	60	4B	10	30.49
619896	1/4"	22.9	40	24	60	4B	10	30.49
619899	3/8"	22.9	40	24	95	4B	10	32.46
619900	1/2"	22.9	40	24	116	4B	10	32.46
619901	9/16"	22.9	40	24	168	4B	10	33.44
619902	5/8"	22.9	40	24	187	4B	10	43.44
619904	3/4"	26.8	40	21	195	4B	10	50.49

192/2TX

Capete chei tubulare cu profil TX exterior 1/2"

- material capete chei tubulare: crom-vanadiu, acoperire cromare
- bit: oțel special de scule
- capul cheii este tratat în întregime



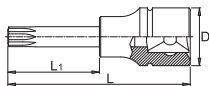
UNIOR

Barcode	Star	D	L	L1	Weight	Material	Coating	Price
605562	TX 20	22.9	52	16	71	4B	10	41.80
605563	TX 25	22.9	52	16	73	4B	10	41.80
605564	TX 27	22.9	52	16	73	4B	10	41.80
605565	TX 30	22.9	52	16	75	4B	10	42.46
605566	TX 40	22.9	52	16	77	4B	10	45.25
605567	TX 45	22.9	52	16	78	4B	10	45.25
605568	TX 50	22.9	52	16	80	4B	10	46.89
605569	TX 55	22.9	57	21	85	4B	10	56.07
605570	TX 60	22.9	57	21	96	4B	10	56.07

192/2TXL

Capete chei tubulare cu profil TX exterior lungi 1/2"

- material capete chei tubulare: crom-vanadiu, acoperire cromare
- bit: oțel special de scule
- capul cheii este tratat în întregime



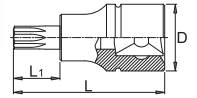
UNIOR

Barcode	Star	D	L	L1	Weight	Material	Coating	Price
612422	TX 20	22.9	100	64	76	4B	10	51.64
612423	TX 25	22.9	100	64	86	4B	10	51.64
612424	TX 27	22.9	100	64	86	4B	10	51.64
612425	TX 30	22.9	100	64	86	4B	10	51.97
612426	TX 40	22.9	100	64	90	4B	10	55.90
612427	TX 45	22.9	100	64	92	4B	10	55.90
612428	TX 50	22.9	100	64	94	4B	10	58.20
612429	TX 55	22.9	100	64	100	4B	10	69.67
612430	TX 60	22.9	100	64	110	4B	10	69.67
619857	TX 70	24.3	105	65	253	4B	10	66.72

192/2ZX

Capete chei tubulare cu profil ZX exterior 1/2"

- material capete chei tubulare: crom-vanadiu, acoperire cromare
- bit: oțel special de scule
- capul cheii este tratat în întregime



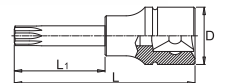
UNIOR

Barcode	Star	D	L	L1	Weight	Material	Coating	Price
612165	M 5	22.9	52	16	72	4B	10	42.13
612166	M 6	22.9	52	16	70	4B	10	42.13
612167	M 8	22.9	52	16	80	4B	10	42.13
612168	M 10	22.9	57	21	84	4B	10	46.07
612169	M 12	22.9	57	21	90	4B	10	46.07
612170	M 14	22.9	57	21	97	4B	10	50.49
620257	M 16	22.9	57	21	155	4B	10	54.75

192/2ZXL

Capete chei tubulare cu profil ZX exterior lungi 1/2"

- material capete chei tubulare: crom-vanadiu, acoperire cromare
- bit: oțel special de scule
- capul cheii este tratat în întregime



UNIOR

Barcode	Star	D	L	L1	Weight	Material	Coating	Price
612171	M 6	22.9	100	64	85	4B	10	48.20
612172	M 8	22.9	100	64	91	4B	10	48.20
612173	M 10	22.9	100	64	110	4B	10	51.31
612174	M 12	22.9	100	64	123	4B	10	54.10
619845	M 14	22.9	100	64	143	4B	10	54.43
620258	M 16	22.9	100	64	235	4B	10	59.34



192/14INCH

Trusa capete chei tubulare cu profil hexagonal 1/2" in cutie metalica

• dimensiunea cutiei : 197 x 105 x 38 mm



UNIOR

621759 3/16" - 3/4" / 9 1250 1G 1 378.85

192/2HX (3/16", 7/32", 1/4", 5/16", 3/8", 1/2", 9/16", 5/8", 3/4")

192/17

Trusa de capete chei tubulare cu profil TX 1/2" in cutie de plastic

• dimensiunea cutiei : 197 x 167 x 35 mm



UNIOR

619417 TX 20 - TX 50 / 7 752 1G 1 470.33

192/2TXL (TX 20, TX 25, TX 27, TX 30, TX 40, TX 45, TX 50)

192/15

Trusa de capete chei tubulare cu profil ZX 1/2" in cutie de plastic

• dimensiunea cutiei : 197 x 167 x 35 mm



UNIOR

617125 10 1030 1G 1 539.84

192/2ZX (M 5, M 6, M 8, M 10, M 12, M 14), 192/2ZXL (M 6, M 8, M 10, M 12)

192/14

Trusa capete chei tubulare cu profil hexagonal 1/2" in cutie metalica

• dimensiunea cutiei : 197 x 105 x 38 mm



UNIOR

607064 9 1170 1G 1 407.70

192/2HX (5, 6, 7, 8, 9, 10, 12, 14, 17)

192/16

Trusa de capete chei tubulare cu profil hexagonal lungi 1/2" in cutie de plastic

• dimensiunea cutiei : 197 x 167 x 35 mm



UNIOR

619416 5 - 100 / 7 893 1G 1 362.13

192/2HXL (5 x 100, 6 x 100, 7 x 100, 8 x 100, 10 x 100, 12 x 100, 14 x 100)

192/12

Trusa capete chei tubulare cu profil TX 1/2" in cutie metalica

• Dimensiunea cutiei : 197 x 105 x 38 mm

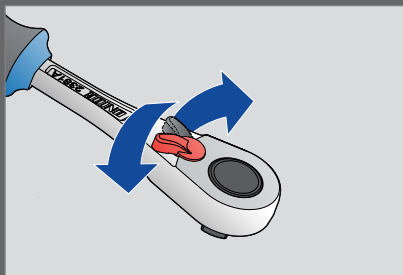


UNIOR

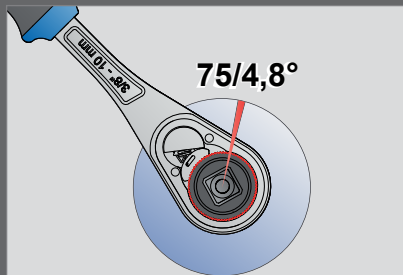
603657 9 1010 1G 1 515.41

192/2TX (TX 20, TX 25, TX 27, TX 30, TX 40, TX 45, TX 50, TX 55, TX 60)

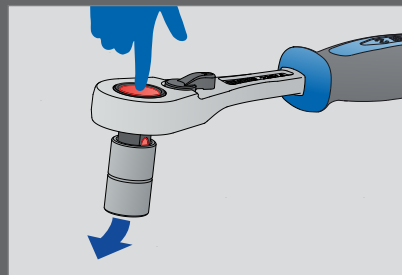
190.1/1ABI, 190.1/1FBI



Clichet: lucreaza in ambele sensuri, sensul de rotatie se schimba din buton.



75 de dinti. Cu cat mai multi dinti, cu atat mai mare este unghiul de rotatie, ceea ce inseamna ca poate fi folosit in spatii extrem de inguste. Mai multi dinti si un mecanism imbunatatit duc de asemenea la rezistenta cheii cu clichet, care depaseste standard-ul DIN prescris cu mai mult de 30%.



Sistem de blocare de securitate. Sistemul de blocare previne capul tubular sa iasa din cheie.

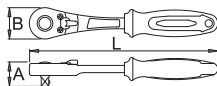
190.1/1ABI

Antrenor cu clichet reversibil 1/2"

- material: compozitie speciala pentru calire revenire
- corp forjat
- tratament termic total
- suprafata: cromata in concordanta cu standardul EN 12540
- maner ergonomic rezistent bimaterial
- executie in concordanta cu standardul ISO 3315

Avantaje:

- 75 de dinti
- unghi de lucru: 4,8°
- sistem de blocare de securitate
- capul tubular este eliberat din clichet printr-o simpla apasare pe buton



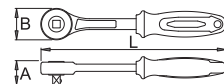
UNIOR

611782	1/2"	260	36	45	423	4B	10	246.72
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190.9/2AB

Clichet 1/2"

- material: compozitie speciala pentru calire revenire
- corp forjat
- tratament termic total
- suprafata: cromata in concordanta cu standardul ISO 1456:2009
- maner ergonomic rezistent bimaterial



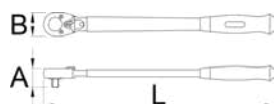
UNIOR

611608	1/2"	252	38	43,5	488	4B	10	159.51
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190.1/1LG

Antrenor cu clichet reversibil 1/2" 700 Nm

- acest antrenor cu clichet se distinge printr-o rezistenta exceptionala care depaseste puterea mainii umane, atunci cand desurubam sau strangem
- clichetul suporta cuplu pana la 700Nm
- aceasta se realizeaza cu un mecanism rezistent cu 24 de dinti si un maner lung
- clichetul poate fi utilizat pentru a desface sau strange suruburi la cuplu maxim
- datorita rezistentei de exceptie poate fi folosit la desfacerea suruburilor foarte stranse de la rotile de autovehicule.
- material: otel crom - vanadiu
- corp forjat la cald
- finisare: cromare conform standard ISO 1456:2009



UNIOR

627200	1/2"	465	37.5	47	1240	4B	10	405.41
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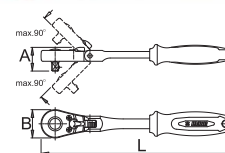
190.1/1FBI

Antrenor cu clichet reversibil articulat 1/2"

- material: compozitie speciala pentru calire revenire
- corp forjat
- tratament termic total
- maner ergonomic rezistent bimaterial
- suprafata: cromata in concordanta cu standardul EN 12540

Avantaje:

- 75 de dinti
- unghi de lucru: 4,8°
- antrenorul articulat permite lucrul cu o inclinare a mainii pana la max 90° cu un unghi de inclinare de 22,5°
- sistem de blocare de securitate
- capul tubular este eliberat din clichet printr-o simpla apasare pe buton



UNIOR

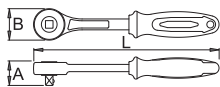
618369	1/2"	320	36	40	598	4B	10	466.23-
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190.9/2BI

Antrenor cu clichet 1/2"

1/2"

- material: compoziție specială pentru calire revenire
- corp forjat
- tratament termic total
- suprafață: cromată în concordanță cu standardul EN 12540
- maner ergonomic rezistent bimaterial



UNIOR

600909	1/2"	A	B	L	498	4B	10	174.43
		38	43.5	252				

190.10

patrat de schimb 1/2"

1/2"

- material: otel carbon de scule
- capul cheii este tratat în întregime
- Antrenor cu clichet 1/2"
- execuție în concordanță cu standardul ISO 3315



UNIOR

603378	1/2"	L	50	1E	10	20.49
		40				

190.11

Parti componente pentru 190.1A BI



UNIOR

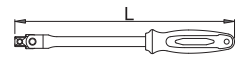
612504	12	106	1E	1	111.89

190.2/1BI

Antrenor articulată cu maner 1/2"

1/2"

- material: crom vanadiu
- corp forjat
- tratament termic total
- suprafață: cromată în concordanță cu standardul EN 12540
- maner ergonomic rezistent bimaterial
- execuție în concordanță cu standardul ISO 3315



UNIOR

611899	1/2"	L	572	4B	10	169.51
611900	1/2"	450	671	4B	10	181.64

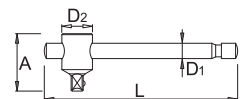


190.3/1

Antrenor cu parghie glisanta 1/2"

1/2"

- material: crom vanadiu
- tratament termic total
- acoperire cromare conform EN12540
- execuție în concordanță cu standardul ISO 3315



UNIOR

600876	1/2"	L	A	D1	D2	340	4A	10	69.02
		300	45	14	25.5				

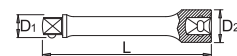
190.4/1

Prelungitor lung 1/2"

1/2"

1/2"

- material: crom vanadiu
- forjată, calire și revenire totală
- acoperire cromare conform EN12540
- capete polizate
- produs conform standardului ISO 3316



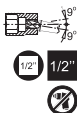
UNIOR

607955	1/2"	L	D1	D2	114	4B	10	42.79
600874	1/2"	125	16.8	24	178	4B	10	55.90
600875	1/2"	250	16.8	24	326	4B	10	72.13

190.4/1S

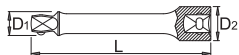
Prelungitor lung cap sferic 1/2"

- material: crom vanadiu
- forjata, calire si revenire totala
- acoperire cromare conform EN12540
- capete polizate
- produs conform standardului ISO 3316



Avantaje:

- Forma capului sferic permite lucrul la un unghi de 9°

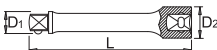


Barcode	Material	L	D1	D2	Weight	Box	Carton	Price
610909	1/2"	75	16.8	24	110	4B	10	58.69
610908	1/2"	125	16.8	24	180	4B	10	73.28
610907	1/2"	250	16.4	24	340	4B	10	95.90

190.4/2

Prelungitor lung 1/2"

- material: crom vanadiu
- forjata, calire si revenire totala
- acoperire cromare conform EN12540



Barcode	Material	L	D1	D2	Weight	Box	Carton	Price
612565	1/2"	600	16.8	24	732	4B	1	146.39

190.5/2

Antrenor cotit 1/2"

- material: crom vanadiu
- forjat, tratat complet
- acoperire cromare conform EN12540
- executie in concordanta cu standardul ISO 3315

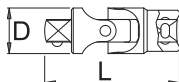


Barcode	Material	L1	L2	D	Weight	Box	Carton	Price
610933	1/2"	250	59	16.8	342	4A	10	70.00

190.6/2

Intermediar cardanic 1/2"

- material: crom vanadiu
- forjata, calire si revenire totala
- acoperire cromare conform EN12540
- produs conform standardului ISO 3316

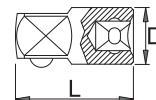


Barcode	Material	D	L	Weight	Box	Carton	Price
600873	1/2"	23	75.5	158	4B	10	95.90

190.7/2

Adaptor 1/2"

- material: crom vanadiu
- forjata, calire si revenire totala
- acoperire cromare conform EN12540
- produs conform standardului ISO 3316



Barcode	Material	D	L	Weight	Box	Carton	Price	
603334	1/2"	3/8"	23	38	67	4B	10	24.92
607975	1/2"	3/4"	22	35	168	4B	10	56.23

190H

Sina pentru capete chei tubulare 1/2"

- dimensiunea 330 - pentru set de 10 piese de la 8-32, numarul maxim de cleme 14
- dimensiunea 450 - 10 piese de aceiasi dimensiune (22), numarul maxim de cleme 19



Barcode	L	Weight	Box	Carton	Price
619090	330	95	1E	10	13.28
619237	450	120	1E	10	15.90

190H1

Set de 10 piese suport de capete chei tubulare 1/2" pentru 190 H



Barcode	Weight	Box	Carton	Price
619412	27	1E	1	8.85

190H12P15

Set de capete chei tubulare 1/2", pe sina



Barcode	Weight	Box	Carton	Price	
622635	10 - 32 / 15	1400	1E	1	453.61

190/1 12p (10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 24, 27, 30, 32), 190H (450)



190H12P15IN

Set de capete chei tubulare 1/2", pe sina



UNIOR

622634	3/8" - 1.1/4" / 15	1550	1E	1	534.43
<p>190/1 12p (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"), 190H (450)</p>					

190H12LP7

Set de capete chei tubulare 1/2" varianta lunga, pe sina



UNIOR

622636	13 - 24 / 7	1100	1E	1	370.98
<p>190/1L12p (13, 14, 15, 17, 21, 22, 24), 190H (450)</p>					

190BI6P14

Trusa capete chei tubulare 1/2" in cutie metalica

• Dimensiunea cutiei : 321 x 198 x 54 mm



UNIOR

611940	10 - 24 / 14	3010	1G	1	876.56
<p>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 (1/2" x 125)</p>					

190BI12P15

Trusa de capete tubulare 1/2" in cutie metalica



UNIOR

Premium Box

627205	10 - 32 / 15		1G	1	1041.80
<p>190.1/1ABI (1/2"), 190.3/1 (1/2"), 190.4/1 (1/2" x 250), 190.6/2 (1/2"), 190/1 12p (10, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32), 981K (3/8" x 321 x 198 x 54)</p>					

190BI6P23

Trusa capete chei tubulare 1/2" in cutie metalica

• Dimensiunea cutiei : 448 x 198 x 54 mm



UNIOR

612779	10 - 32 / 23	4780	1G	1	1318.36
<p>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 (1/2" x 125, 1/2" x 250), 190.6/2 (1/2")</p>					

190BI6P24

Trusa capete chei tubulare 1/2" in cutie metalica

• Dimensiunea cutiei : 448 x 198 x 54 mm



UNIOR

611939	10 - 32 / 24	6160	1G	1	1488.85
<p>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" x 380), 190.3/1 (1/2"), 190.4/1 (1/2" x 125, 1/2" x 250), 190.6/2 (1/2")</p>					

190BI12P23

Trusa capete chei tubulare 1/2" in cutie metalica

• Dimensiunea cutiei : 448 x 198 x 54 mm



UNIOR

615327	10 - 32 / 23	4780	IG	1	1315.41
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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 (1/2" x 250,
 1/2" x 125), 190.6/2 (1/2")

190BI12P24

Trusa capete chei tubulare 1/2" in cutie metalica

• Dimensiunea cutiei : 448 x 198 x 54 mm



UNIOR

611941	10 - 32 / 24	6160	IG	1	1488.85
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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" x 380),
 190.3/1 (1/2"), 190.4/1 (1/2" x 125, 1/2" x 250), 190.6/2 (1/2")

190BI6P43

Trusa capete chei tubulare 1/2" si 1/4" in cutie metalica

• Dimensiunea cutiei : 346 x 292 x 83 mm



UNIOR

611944	4 - 32 / 43	4600	IG	1	1846.72
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188/2 6p (4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 13, 12, 14), 188.4/2 (1/4" x 55,
 1/4" x 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 (1/2" x 125, 1/2" x 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")

190BI12P23IN

Trusa capete chei tubulare 1/2" in cutie metalica

• Dimensiunea cutiei : 448 x 198 x 54 mm



UNIOR

611943	3/8" - 1.1/4" / 23	5545	IG	1	1550.66
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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" x 380), 190.3/1 (1/2"),
 190.4/1 (1/2" x 125, 1/2" x 250), 190.6/2 (1/2")

190BI6P22IN

Trusa capete chei tubulare 1/2" in cutie metalica

• Dimensiunea cutiei : 448 x 198 x 54 mm



UNIOR

615180	5/16" - 1.1/4" / 22	5565	IG	1	1472.79
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190.6/2 (1/2"), 190.4/1 (1/2" x 125, 1/2" x 250),
 190.3/1 (1/2"), 190.1/1ABI (1/2"),
 190.2/1BI (1/2" x 380), 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")

190BITX1P22

Trusa capete chei tubulare 1/2" in cutie metalica

• Dimensiunea cutiei : 448 x 198 x 54 mm



UNIOR

611945	22	3875	IG	1	1494.10
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190.6/2 (1/2"), 190.4/1 (1/2" x 125, 1/2" x 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

Trusa capete chei tubulare 1/2" in cutie metalica

• Dimensiunea cutiei : 448 x 198 x 54 mm



UNIOR

611946	20	4080	1G	1	1256.89	

192/2HXL (5 x 100, 6 x 100, 7 x 100, 8 x 100, 10 x 100, 12 x 100),
 192/2HX (4, 5, 6, 7, 8, 9, 10, 12, 14, 17, 19), 190.1/1ABI (1/2"),
 190.4/1 (1/2" x 125, 1/2" x 250)

190BI6P28

Trusa capete chei tubulare 1/2" in cutie metalica

• Dimensiunea cutiei : 346 x 292 x 83 mm



UNIOR

612162	10 - 32 / 28	5285	1G	1	1700.49	

190/1 6p (10, 13, 14, 15, 16, 17, 18, 19, 22, 24, 27, 30, 32), 190.6/2 (1/2"),
 190.4/1 (1/2" x 125, 1/2" x 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

Capete chei tubulare 1/2" in cutie de plastic

• Dimensiunea cutiei : 307 x 260 x 70 mm



UNIOR

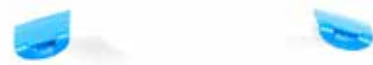
622022	10 - 32 / 17	2995	1G	1	867.87	

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

190BI6P17

Trusa capete chei tubulare 1/2" in cutie de plastic

• Dimensiunea cutiei : 307 x 260 x 70 mm



UNIOR

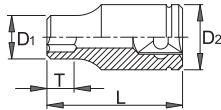
622023	10 - 32 / 17	2945	1G	1	940.16	

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 (1/2" x 75)

197/1 6p

Capete chei tubulare 3/4"

- material: crom vanadiu
- forjată, calire și revenire totală
- acoperire cromare conform EN12540
- polizate
- execuție în concordanță cu standardul ISO 2725-1 (numai pentru dimensiunea în mm)



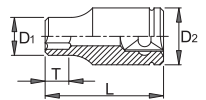
UNIOR

Barcode	⊖	D1	D2	L	T	⚖	🔧	🔧	🔧
619698	19	29.2	32.9	50	14.5	175	1B	10	58.85
602723	22	32.2	36	50	14	220	1B	10	60.16
602724	23	33.2	36	50	14	221	1B	10	60.16
602725	24	34.2	36	51	16	230	1B	10	63.61
602726	26	37	36	52	16	230	1B	10	65.57
602727	27	38	36	52	22	239	1B	10	68.52
602728	28	39	36	52	22	242	1B	10	70.16
619702	29	38	40.6	51.8	24.1	270	1B	10	72.13
602729	30	42	38	54	24	273	1B	10	72.62
602730	32	44	38	56	26	295	1B	10	76.72
602731	34	47	38	56	26	347	1B	5	80.66
619701	35	42.1	48.2	58	30.3	401	1B	5	82.62
602732	36	50	42	58	28	400	1B	5	86.39
602733	38	52	45	60	28	488	1B	5	94.75
602734	41	56	45	64	30	502	1B	5	103.77
602735	46	62	48	68	34	621	1B	1	126.72
602736	50	68	48	72	36	708	1B	1	160.00
617527	55	74	48	76	32	914	1B	1	173.11
603135	60	80	48	78	42	1105	1B	1	196.72
609383	7/8"	32.2	36	50	14	220	1B	10	65.41
609384	15/16"	34.2	36	51	16	231	1B	10	66.56
609385	1"	37	36	52	16	234	1B	10	76.89
609386	1.1/16"	38	36	52	22	224	1B	10	76.89
609387	1.1/8"	40	38	52	22	265	1B	10	77.87
609388	1.1/4"	44	38	56	24	313	1B	10	79.67
609390	1.3/8"	48	42	58	26	406	1B	5	89.34
609391	1.7/16"	50	42	58	28	415	1B	5	91.64
609392	1.1/2"	52	45	60	28	414	1B	5	105.90
609393	1.5/8"	56	45	64	30	572	1B	5	112.46
609394	1.11/16"	58	45	65	32	595	1B	5	125.25
609396	1.7/8"	64	48	70	34	741	1B	1	144.59
609397	2"	68	48	72	36	842	1B	1	156.89

197/1 12p

Capete chei tubulare 3/4" cu 12 laturi

- material: crom vanadiu
- forjată, calire și revenire totală
- acoperire cromare conform EN12540
- polizate
- execuție în concordanță cu standardul ISO 2725-1 (numai pentru dimensiunea în mm)



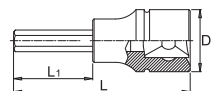
UNIOR

Barcode	⊖	D1	D2	L	T	⚖	🔧	🔧	🔧
618666	22	32.2	36	50	14	215	1B	10	60.16
618667	23	33.2	36	50	14	216	1B	10	60.16
618668	24	34.2	36	51	16	224	1B	10	63.61
618669	26	37	36	52	16	220	1B	10	65.57
618670	27	38	36	52	22	224	1B	10	68.52
618671	28	39.5	36	52	22	234	1B	10	70.16
618672	30	42	38	54	24	254	1B	10	72.62
618673	32	44	38	56	26	282	1B	10	76.72
618674	34	47	38	56	26	329	1B	5	80.66
618675	36	50	42	58	28	372	1B	5	86.39
618676	38	52	45	60	28	473	1B	5	94.75
618677	41	56	45	64	30	487	1B	5	103.77
618678	46	62	47	68	34	566	1B	1	126.72
618679	50	68	48	72	36	683	1B	1	160.00
618680	55	74	48	76	40	828	1B	1	173.11
618681	60	80	48	78	42	993	1B	1	196.72

197/2AHX

Capete chei tubulare 3/4" cu profil hexagonal

- material capete chei tubulare: crom-vanadiu, acoperire cromare
- bit: oțel special de scule
- capul cheii este tratat în întregime
- produs conform cu standardul DIN 7422 (doar pentru dimensiunile în mm)



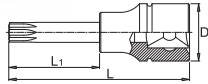
UNIOR

Barcode	⊖	D	L	L1	⚖	🔧	🔧	🔧
619836	14	33.85	80	30	267	1B	5	95.74
619837	17	33.85	80	30	275	1B	5	95.74
619838	19	33.85	80	30	364	1B	5	115.57
619839	22	33.85	80	30	381	1B	5	115.57

197/2ATX

Capete chei tubulare 3/4" cu profil TX

- material capete chei tubulare: crom-vanadiu, acoperire cromare
- bit: oțel special de scule
- capul cheii este tratat în întregime



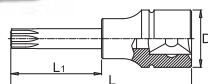
UNIOR

Barcode	Star	D	L	L1	Weight	Box	Roll	Coins
619840	60	33.85	80	30	257	1B	5	95.74
619841	70	33.85	80	30	262	1B	5	95.74
619842	80	33.85	80	30	267	1B	5	112.79
619843	90	33.85	80	30	351	1B	5	136.07
619844	100	33.85	80	30	363	1B	5	139.18

197/2AZX

Capete chei tubulare 3/4" profil ZX

- material capete chei tubulare: crom-vanadiu, acoperire cromare
- bit: oțel special de scule
- capul cheii este tratat în întregime



UNIOR

Barcode	Star	D	L	L1	Weight	Box	Roll	Coins
620818	M18	33.9	80	30	371	1B	5	115.57

59X

Capete chei tubulare 3/4" cu profil ZX

- material capete chei tubulare: crom-vanadiu, acoperire cromare
- bit: oțel special de scule
- capul cheii este tratat în întregime



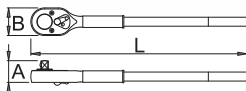
STAHLWILLE

Barcode	Star	D	L1	L2	Weight	Box	Roll	Coins
SW 05060014	M14	34,7	90	35	281	1B	5	354.20
SW 05060016	M16	34,7	80	25	302	1B	5	371.22
SW 05060018	M18	34,7	100	45	375	1B	5	417.91

197.1/1

Antrenor cu clichet reversibil 3/4"

- material: compozitie speciala pentru calire revenire
- corp forjat
- tratament termic total
- suprafata: cromata în concordanta cu standardul EN 12540
- executie în concordanta cu standardul ISO 3315



UNIOR

Barcode	Star	A	B	L	Weight	Box	Roll	Coins
602737	3/4"	58	63.5	500	2590	1C	1	797.38



197.11

Piese de schimb pentru 197.1/1

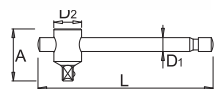


Barcode	Hand	Weight	Box	Roll	Coins
616806	11	495	1B	1	248.73

197.3/1

Antrenor cu parghie glisanta 3/4"

- material: crom vanadiu
- tratament termic total
- acoperire cromare conform EN12540
- capete polizate
- executie în concordanta cu standardul ISO 3315



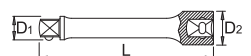
UNIOR

Barcode	Star	A	D1	D2	L	Weight	Box	Roll	Coins
602738	3/4"	60	20	37	455	1400	1C	1	225.08

197.4/1

Prelungitor lung 3/4"

- material: crom vanadiu
- forjata, calire și revenire totala
- acoperire cromare conform EN12540
- capete polizate
- conform cu standardul ISO 3316



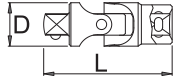
UNIOR

Barcode	Star	L	D1	D2	Weight	Box	Roll	Coins
602740	3/4"	200	25.3	36	635	1B	1	134.43
602739	3/4"	400	25.3	36	1160	1B	1	228.85

197.6/1

Intermediar cardanic 3/4"

- material: crom vanadiu
- acoperire cromare conform EN12540
- forjată, calire și revenire totală
- conform cu standardul ISO 3316



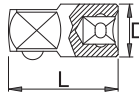
UNIOR

617657	3/4"	D 40	L 107	597	1B	1	270.16
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197.7/1

Adaptor 3/4"

- material: crom vanadiu
- forjată, calire și revenire totală
- acoperire cromare conform EN12540
- capete polizate
- conform cu standardul ISO 3316



UNIOR

602741	3/4" - 1/2"	L 54	D 34	181	1B	5	103.93
610695	3/4" - 1"	L 62	D 38	364	1B	5	140.33

197MB1

Trusa capete chei tubulare 3/4" in cutie metalica

- Dimensiunea cutiei : 505 x 215 x 78 mm



UNIOR

602742	22 - 46 / 14	12600	1F	1	2771.48	
197/1 6p (22, 24, 27, 30, 32, 36, 38, 41, 46), 197.1/1 (3/4"x500), 197.3/1 (3/4"), 197.4/1 (3/4" x 400, 3/4" x 200), 197.7/1 (3/4" - 1/2")						

197MB2

Trusa capete chei tubulare 3/4" in cutie metalica

- Dimensiunea cutiei : 505 x 215 x 78 mm



UNIOR

600954	22 - 50 / 14	13000	1F	1	2854.10
197/1 6p (22, 24, 27, 30, 32, 36, 38, 41, 46, 50), 197.3/1 (3/4"), 197.1/1 (3/4"x500), 197.4/1 (3/4" x 400, 3/4" x 200)					

197MB3

Trusa capete chei tubulare in inch 3/4" in cutie metalica

- Dimensiunea cutiei : 505 x 215 x 78 mm



UNIOR

617119	7/8" - 1.7/8" / 14	12600	1F	1	2825.74
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 (3/4" x 400, 3/4" x 200)					

197MB4

Trusa capete chei tubulare 3/4" in cutie metalica

- Dimensiunea cutiei : 505 x 215 x 78 mm



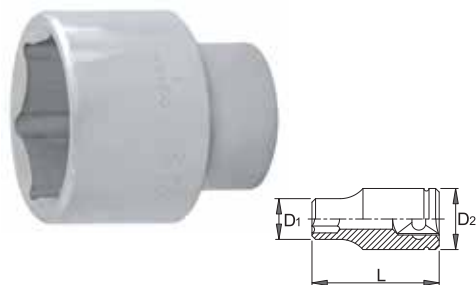
UNIOR

619927	22 - 55 / 15	13600	1F	1	3148.85
197/1 6p (22, 24, 27, 30, 32, 36, 41, 46, 55), 197.1/1 (3/4"x500), 197.3/1 (3/4"), 197.4/1 (3/4" x 400, 3/4" x 200), 197.6/1 (3/4"), 197.7/1 (3/4" - 1/2")					

199/1 6p

Capete chei tubulare 1"

- material: crom vanadiu
- forjată, calire și revenire totală
- acoperire cromare conform EN12540
- polizate
- execuție în concordanță cu standardul ISO 2725-1



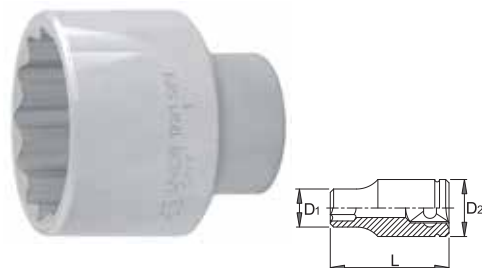
UNIOR

Barcode	⊖	D1	D2	L	T	⚖	📦	🔧	📏	📦
603096	46	65	50	75	34	849	1C	1	180.16	
603097	50	70	55	75	34	1039	1C	1	190.66	
603098	55	76	57	80	40	1222	1C	1	234.26	
603099	60	82	57	84	42	1383	1C	1	266.72	
603100	65	88	57	87	44	1607	1C	1	340.00	
603101	70	94	68	93	48	2039	1C	1	370.16	
603102	75	100	68	97	52	2243	1C	1	447.87	
603103	80	105	68	103	54	2479	1C	1	506.39	

199/1 12p

Capete chei tubulare 1" cu 12 laturi

- material: crom vanadiu
- forjată, calire și revenire totală
- acoperire cromare conform EN12540
- polizate
- execuție în concordanță cu standardul ISO 2725-1



UNIOR

Barcode	⊖	D1	D2	L	T	⚖	📦	🔧	📏	📦
618699	65	82	56.9	84	42	1444	1C	1	455.08	

5014

Capete chei tubulare 1" cu 12 laturi

- material: crom vanadiu
- forjată, calire și revenire totală
- acoperire cromare conform EN12540
- polizate
- execuție în concordanță cu standardul ISO 2725-1



WGB
Das Werkzeug

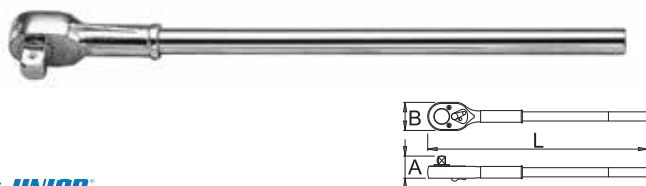
Barcode	⊖	L	⚖	📦	🔧	📏	📦
9249083	70	96	1775	1C	1	695.04	
9249093	75	100	2200	1C	1	834.65	
9249103	80	107	2556	1C	1	931.95	

199.1/1

Antrenor cu clichet reversibil 1"

- material: compoziție specială pentru calire și revenire
- corp forjat
- tratament termic total
- suprafață: cromată în concordanță cu standardul EN 12540
- execuție în concordanță cu standardul ISO 3315

1"



UNIOR

Barcode	■	A	B	L	⚖	📦	🔧	📏	📦
603104	1"	71	71.5	665	4655	1C	1	1144.43	

199.11

Piese de schimb pentru 199.1



UNIOR

Barcode	👤	⚖	📦	🔧	📏	📦
616807	11	835	1E	1	339.27	

199.3/1

Antrenor cu parghie glisanta 1"

- material: crom vanadiu
- tratament termic total
- acoperire cromare conform EN12540
- capete polizate
- execuție în concordanță cu standardul ISO 3315

1"



UNIOR

Barcode	■	A	D1	D2	L	⚖	📦	🔧	📏	📦
603105	1"	80	28	49	560	3330	1C	1	508.36	

199.4/1

Prelungitor lung 1"

- material: crom vanadiu
- forjată, calire și revenire totală
- acoperire cromare conform EN12540
- capete polizate
- conform cu standardul ISO 3316

1"



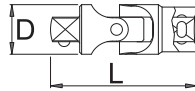
UNIOR

Barcode	■	L	D1	D2	⚖	📦	🔧	📏	📦
603107	1"	200	33.6	48	1125	1C	1	306.07	
603106	1"	400	33.6	48	1900	1C	1	498.03	

199.6/1

Intermediar cardanic 1"

- material: crom vanadiu
- forjata, calire si revenire totala
- acoperire cromare conform EN12540
- capete polizate
- conform cu standardul ISO 3316



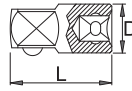
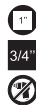
UNIOR

		D	L				
617658	1"	49	141	1120	1E	1	436.23

199.7/1

Adaptor 1"

- material: crom vanadiu
- forjata, calire si revenire totala
- acoperire cromare conform EN12540
- capete polizate
- conform cu standardul ISO 3316



UNIOR

		D	L				
619905	1" - 3/4"	48	65	427	1C	1	169.84

199MB1

Trusa capete chei tubulare 1" in cutie metalica

- Dimensiunea cutiei : 670 x 220 x 100 mm



UNIOR

603095	46 - 80 / 12	29800	1F	1	5523.93
199/1 6p (46, 50, 55, 60, 65, 70, 75, 80), 199.1/1 (1"), 199.3/1 (1"), 199.4/1 (1" x 400, 1" x 200)					