

**INDUSTRIAL
TOOLS**

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i



Innovation is
our mission!

PREMIUM QUALITY WHICH CONVINCES INTERNATIONALLY

We thank the long-term loyalty and satisfaction of our global customers for our fast-paced success story. Now for more than 22 years KS Tools, a modern tool supplier, has been offering solutions to current problems and intelligent tools for the continuously growing challenges in our high-tech everyday lives .

The countless users of our tools appreciate that even when developing our tools we set great store by innovation, ergonomics, high load capacity, long service life and everyday practicality – premium quality at a special price/performance ratio.

With our logistics centre we guarantee the most reliable delivery capability with a global quick service. This means our customers gain time and receive additional benefits. More than 230 employees now work in our central administration building on 2000 m² of the most modern office space and our high rack logistics centre with more than 9000 m² warehouse space and ensure every day that our customers are supplied with over 32,000 products from a single source. Currently we employ more than 320 people globally.

The signs of growth continue, more and more specialised trade partners could be gained and now enjoy the benefits of our comprehensive programme. In the process the range of services is redefined almost every day. We're precisely where you need us – today we export to more than 70 countries. The global market for professional users of industry is supplied with premium quality tools and workshop solutions via specialised trade. Together with specialised trade we delight discerning customers worldwide. Lasting partnership-based relationships are therefore of special importance to us.

Through our ongoing customer retention we experience more about customer requests and the desired trends of tomorrow today. In order to continue to follow our development we have significantly increased the variety of our programme and optimised it in a user-oriented way. We present you with the K15 Industrial Catalogue in a modern design on more than 800 pages and more than 17,000 selected articles from our overall programme of more than 32,000 products from our world of premium tools for the manufacturing and processing industries with a large range of classic, modern and innovative hand tools of all types. Our customers can always rely on the highest level of service and delivery quality.

Our further refined article outline single-handedly takes you even faster to the tool group you're searching for. We have set exceptionally high store by the depth of technical information and descriptions. In this way you will also always find the optimum tool matching your specialist application even in the case of unusual requirements. Also, with the help of the comprehensive subject index in the annex you will find the desired quality tool quickly.

Whilst we are pleased at the rapid development, we do not forget who we need to thank for this success. You, our customers and partners, have encouraged us and our employees to continue to expand our range with your confidence and your willingness to cooperate as a partner.

We would also like to continue to live up to this confidence – as according to our motto

KS – competence and service at its best.



CENTRAL ADMINISTRATION AND LOGISTICS CENTRE



*Innovation is
our mission!*



three administration buildings with **2000m²** office area



9000m²
warehouse and logistics
centre



230 highly qualified employees



22 apprentices in different occupations



Werkzeuge-Maschinen GmbH
Seligenstädter Grund 10 - 12
D- 63150 Heusenstamm



DEUTSCHLAND

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URL: www.kstools.de

HISTORY / DEVELOPMENT



Innovation is our mission!

1992

KS Tools was founded by Mr. Peter Kühne and Mr. Stephan Schott in Offenbach as a commercial enterprise for quality tools.

1996

KS Tools moves premises to in Obertshausen with 20 employees.

1998

Premises extended with now 38 employees.

2001

New office and central warehouse with 62 employees in Heusenstamm.

2006

Following the growth of the business, KS Tools expands to 110 employees, with warehouse space of 5000 m² and office space of 1800 m².

2008 / 2009

Extension of our warehouse about 4000 m².
Building of a new training center and extension of the office space.

2009

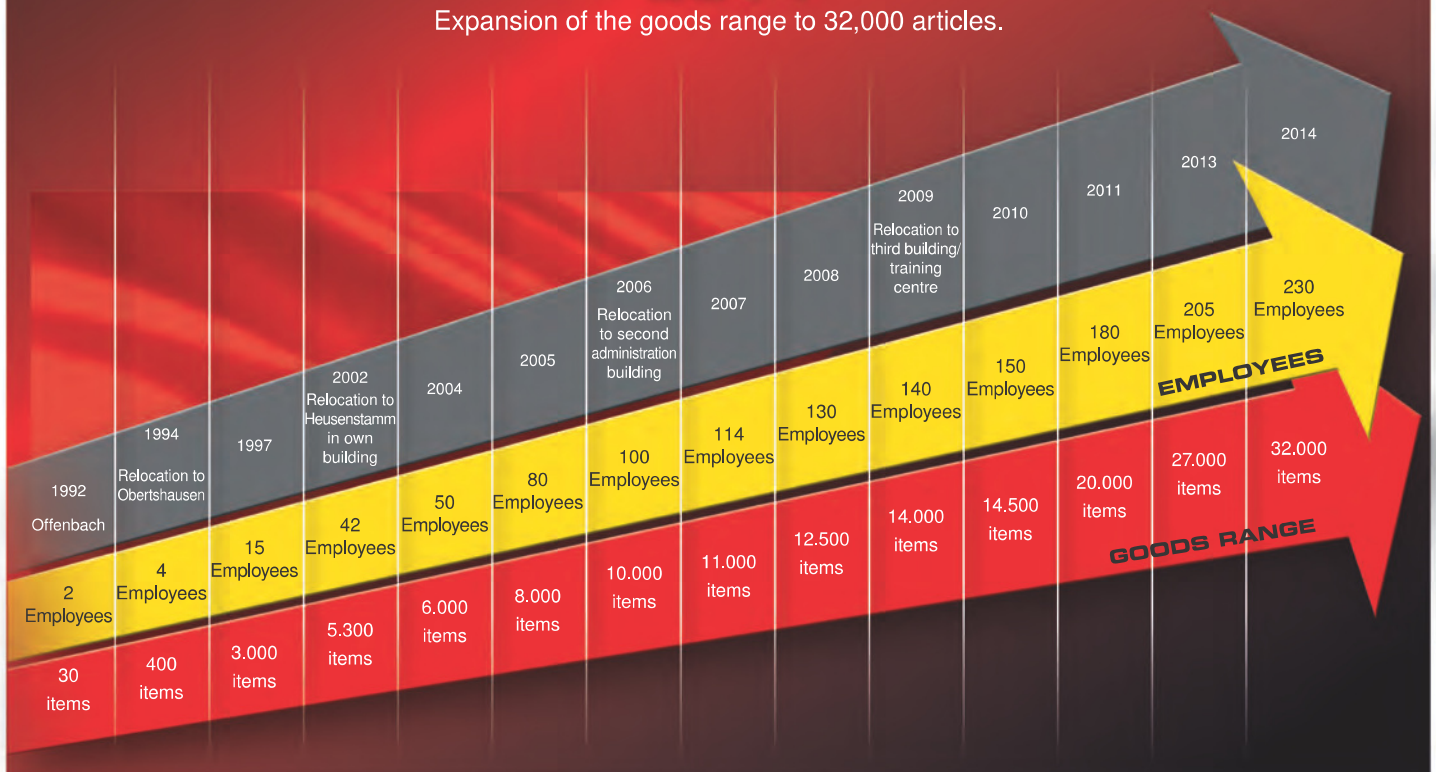
Commissioning of the training centre.

2013

KS Tools is now expanding to 205 employees.

2014

Expansion of the goods range to 32,000 articles.



DESIGN AND BRAND PATENTS



Innovation is our mission!



is known and renowned worldwide for its innovative strength. Over the past few years this has led to numerous protective rights, on a national and a global level.



**WE ARE THERE FOR YOU —
IF YOU NEED US**



*Innovation is
our mission!*



LIGHTNING LOGISTICS — GLOBAL QUICK SERVICE

Gain time and additional benefits from our reliable shipping logistics.

Warehouse floor area



2001
5.000 m²

2008
4.000 m²

Total:
9.000 m²

Working hours:



24
24 hours
in
3 shifts

Euro-pallets storage:



8.280

Small parts storage:



8.000

Monthly pick position:



**> 85.000
Positions**

Monthly shipping capacity:



**> 20.000
UPS
packages**



**> 2.400
Euro-pallets**

SALES AND DISTRIBUTION WORLDWIDE



*Innovation is
our mission!*



PREMIUM QUALITY TOOLS

Available in more than 70 countries worldwide.



EXHIBITIONS & FAIRS



KS Tools is present at more than 30 national and international fairs / exhibitions throughout the year. Use the opportunity to visit us and see fi st hand the quality and service which KS Tools has to offer.





Innovation is our mission!



We will be in your area soon and look forward to seeing you!



TechnicalTimes

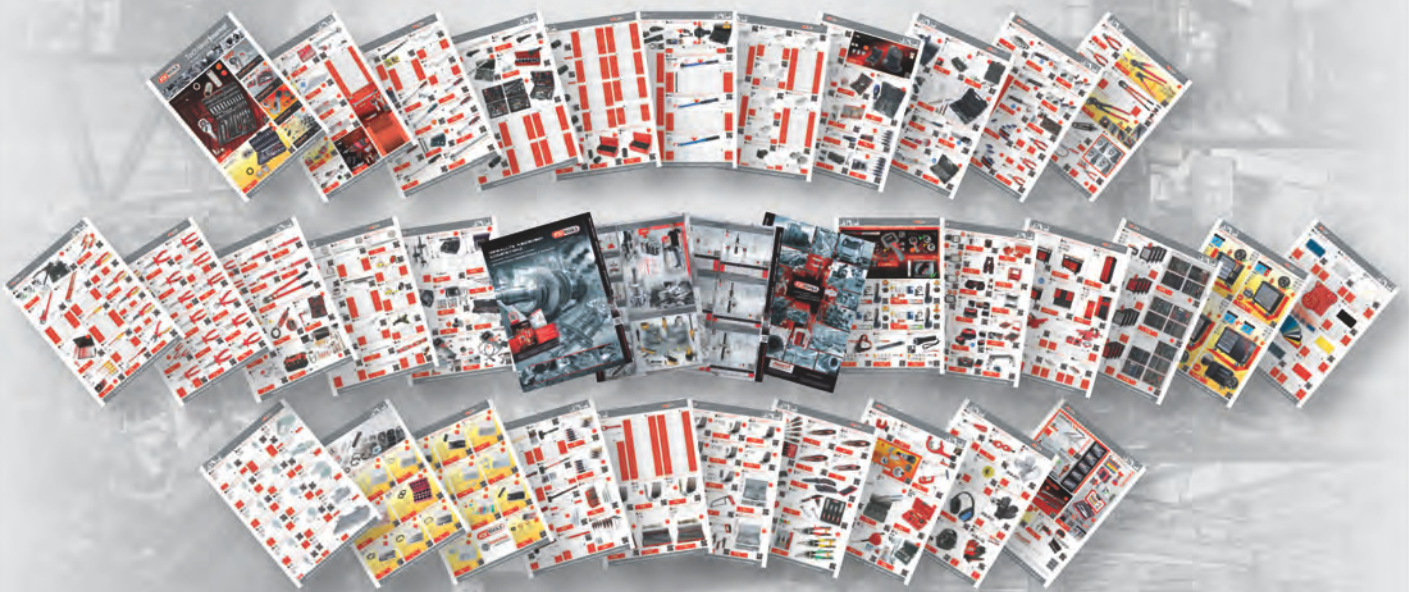


Innovation is
our mission!



Twice a year we have our special promotion for the manufacturing and processing industries on at least 32 pages with a very large range of classic, modern and innovative hand tools. The technician's periodical contains tools of outstanding quality at a very good price/performance ratio.

Highly topical, problem solving solutions, and valuable usage tips - that is the TechnicalTimes!



Do you know our individual catalogues ...



www.toolchannel.com



Moving pictures say more than words ...

Innovation is our mission!

TOOL CHANNEL



YouTube



www.kstools.com

Herzlich Willkommen

Welcome

Bienvenido!

欢迎!

Witamy

Welkom!

ようこそ!

bem vindos!

Benvenuti!

добро пожаловать

Velkommen

Bine ați venit

وسهل آ اول آ

Καλώς ήρθατε!

Bi xêr hatî

Tervetuloa!

Bienvenue

ک مپان ای

HOŞGELDİNİZ!

bem vindos!

Vitáme vás!



TRAINING CENTRE



Modern, intelligent tool systems require a high technical knowledge in order to communicate the advantages and the problem solving potential of these products to the user.
At the end of August 2009 our new

TECHNICAL TRAINING CENTRE

was handed over to his task.

On over approx. 600 square metres of presentation everything can be found for our customers, distribution partners and colleagues, as we say „all from one hand“



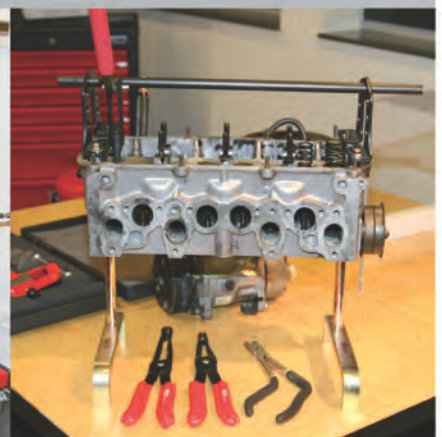
Core areas are

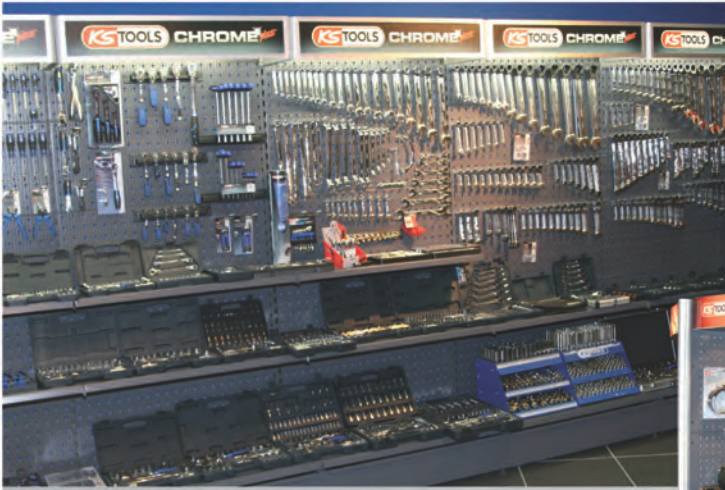
10 product islands.

The special tools are available at the same time as the relevant working areas for example chassis, brakes, engine or also the Video-scope program. These give the visitors an overview of all solutions offered by us as well as concepts.



Impressive and practical the use of the KS special tools can be demonstrated on **work station areas** or even can be used by customers.





On **30 m display wall**
all essential product areas are found such as standard tools and special tools, e.g. the torque tool and puller program.



We are especially proud of our modern **conference room**

with modern multimedia technology. It has so much to offer as a place for interesting training and conferences.

Every workstation is equipped with a terminal computer, which enables interactive training and multimedia demonstrations.

Taken into account the permanently changing challenges in our marketplace the training and education of our employees is one of our major duties. In our own KS-academy many workshops such as for professional business administration, the latest computer applications take place regularly. The program within the academy has also included two foreign language courses with external instructors which enriches this offer of advanced education.

For our customers and trade partners there are regularly monthly product trainings for all product lines and novelties as well. We look forward to welcome you in our premises.

Simply ask about our training plan.

For larger groups or single firm, we are able to offer tailor made and

individually designed product trainings combined with the use of our meeting facilities.



SERVICE VAN



We optimize your KS Tools - shop presentation!
Our very own team will arrange an appointment to visit our trade partners to set up and decorate display boards, show cases etc. on the spot. On board of the fully equipped service mobile we carry all accessories and items to attractively present KS Tools products.

We have a large catalogue with our presentation systems, whether on small or large area we offer tailor made solution to you in order to increase the attraction of the presentation of our range of tools and machines. Your local area manager will be able to provide more details on the available possibilities.



Twelve highly qualified technicians are selected to visit **together with our excellent trade partners**

automotive repair shops as well as industrial customers. By this way we can not only clarify particular special applications and needs of our customers, but we can also carry out technical training on the various tools available at the same time.

Our mobile information fleet represents a selective cross section over all product lines with a main focus on the automotive sector, since these products require an intensive amount of explanation and demonstration and most of all: the users can try out the products themselves.

In case you are interested in a product demonstration, talk to us!
Our regional representatives will more than welcome your request and will assist you.

Needless to mention that this service and opportunity is for free.
Arrange an appointment with your regional representative and discover the world of tools and get convinced of this opportunity and the benefit.



THE FLEET OF INFORMATION VANS



*Innovation is
our mission!*

12 demo vehicles and demo trucks come along our fleet. We are proud to present three 12.5 t event vehicles!

Equipped with 10 fully configured tool trolleys, we present on more than 54 m² display space the complete program of special tools for the mechanic. These trucks are extremely desired and supporting as our "Show of Tools" on wheels - unique in Europe.





RACING

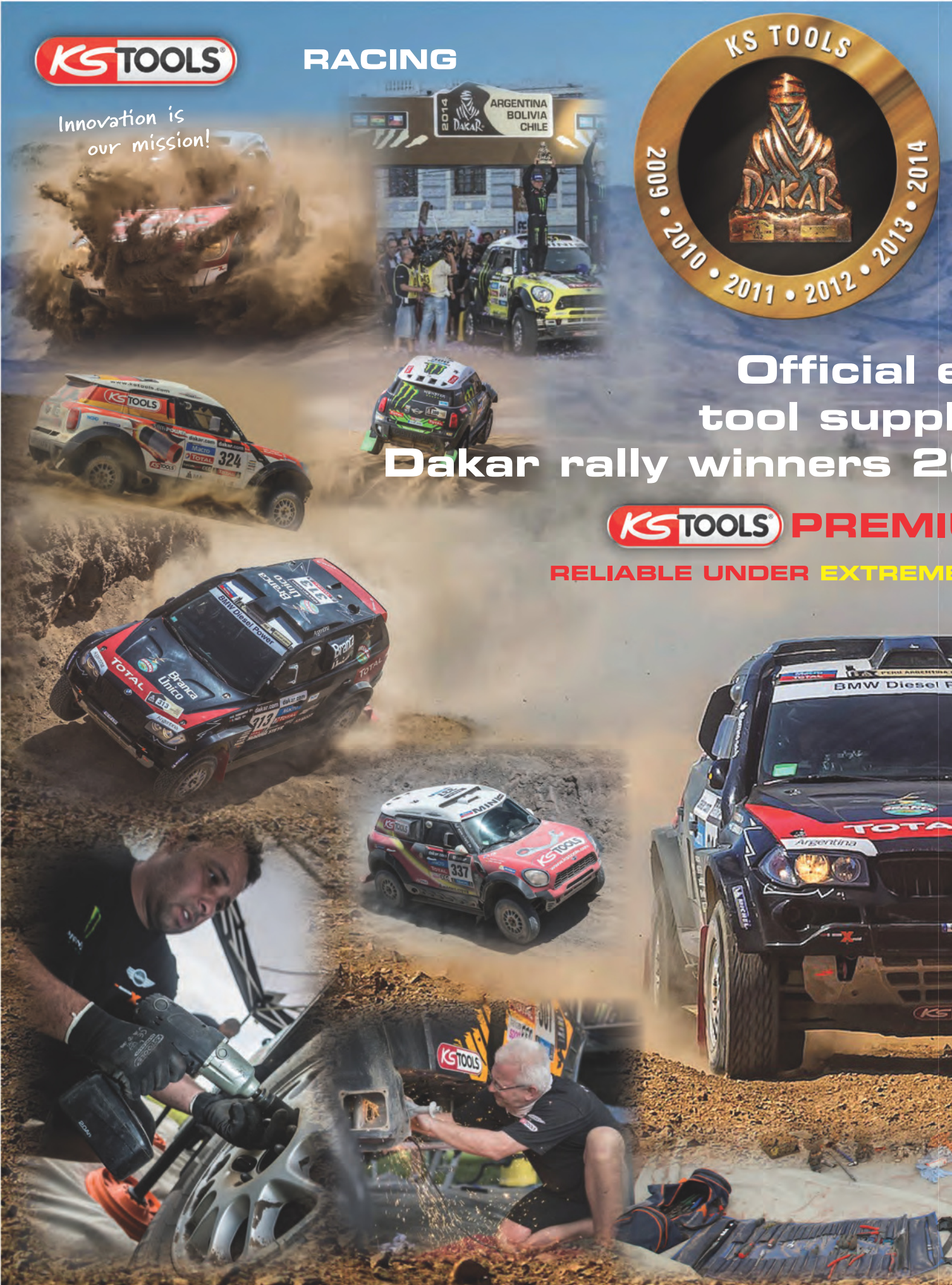
Innovation is our mission!



Official tool supplier
Dakar rally winners 2009-2014



RELIABLE UNDER EXTREME



PARTNERSHIPS



Innovation is
our mission!

KS Tools tools and repair systems can be introduced well in the world of rally sport. Numerous teams use our tools and equipment at events such as the "U.A.E. Desert Challenge" in Dubai or the world famous, legendary "DAKAR" rally. In the hardest motorsport in the world not only the speed of the vehicle and the crew counts to the criteria decisive for success, but above all the reliability of the material and the service equipment. We pose ourselves this challenge with pride. The "2drive Racing" team and the "X-Raid" team only use tools and equipment from KS Tools.

The ultimate endurance test!

exclusive
partner to the
2012 + 2013 + 2014

KS TOOLS

OPERATING CONDITIONS!



SERVICE CENTRE



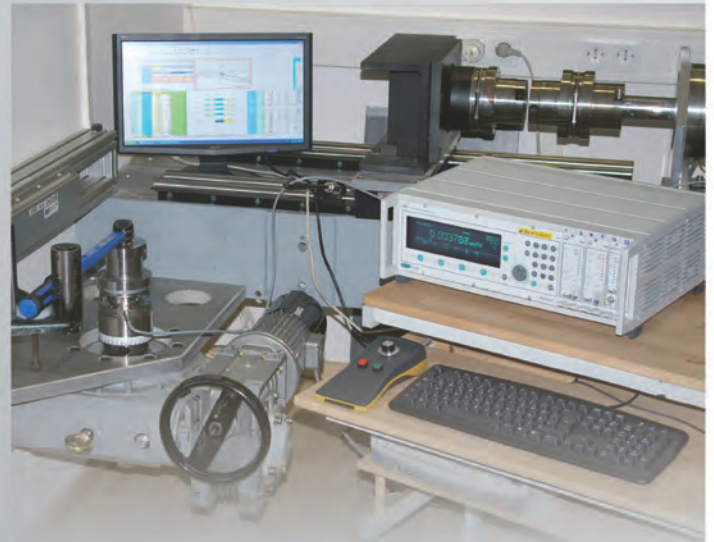
*Innovation is
our mission!*

The KS SERVICE CENTRE is your direct contact and co-ordinator for all kind of service related to all our products.

We guarantee short reaction times and economical repairs in our specially established SERVICE CENTRE.

The KS Service Centre offers the following benefits

- Repair, adjustment, calibration and certification of KS Tools torque wrenches
- Monitoring service for testing tools for torque wrenches
- Our economical calibration service and torque testing laboratory provides certificates in accordance to all existing norms and standards as per DIN EN ISO 9000.



PREMIUM SERVICE

When it comes to maintenance or replacement part procurement or even repairs we are always available with advice and support. Our service employees are also available after purchase with our all-round premium service.



Further more we offer examination and economical repairs for our entire catalogue range.

QUALITY / GUARANTEE



Management System
ISO 9001:2008

www.tuv.com
ID 9105033220

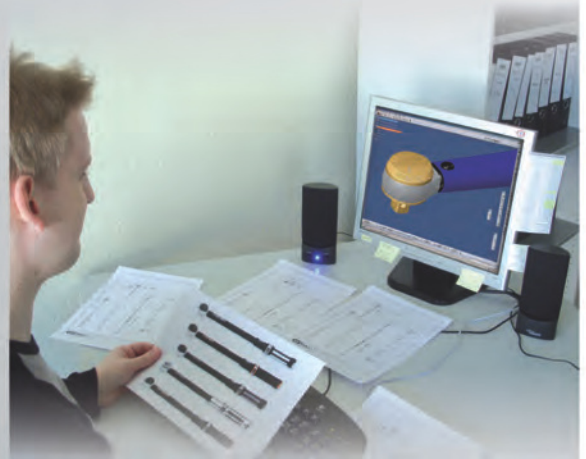
Quality guaranteed through systematic quality assurance in accordance to DIN EN ISO 9001:2008

Our company is certified in accordance to ISO 9001:2008 and is subject to permanent monitoring by TÜV Rheinland GmbH. Our constant drive for innovative products and the increased quality awareness of our customers demand for continuous improvement of the product quality and productivity.

All employees of our company are committed to exercise the maximum possible diligence and permanent controls and checks at all levels in order to ensure the highest level of quality.

This means for our customers:

Guaranteed quality and controlled safety at the highest stage!



KS Tools equipment is manufactured to the highest quality standards and from the very best material.

However if any of our products show a lack of quality due to material failure or manufacturing fault we guarantee free replacement.

That we guarantee!

WE SHOW WHAT WE CAN DO



BMW X-RAID

Official exclusive tool supplier to the Dakar rally winners 2012 + 2013 + 2014

KS TOOLS PREMIUM TOOLS



RELIABLE UNDER **EXTREME** OPERATING CONDITIONS!

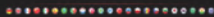


KS TOOLS ONLINE



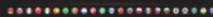
Innovation is
our mission!

TOOL CHANNEL

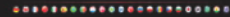


toolchannel.com

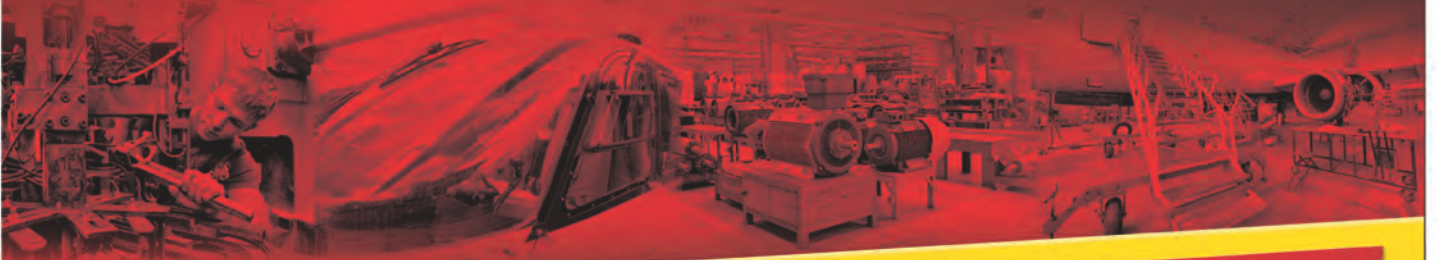
B2B KS TOOLS
WEB-Shop



ks-portal.com



kstools.com



Loyalty to specialised trade



Expert advice



Sales support



B2B online shop

**PARTNER
TO
INDUSTRY**

CATALOGUE LAYOUT



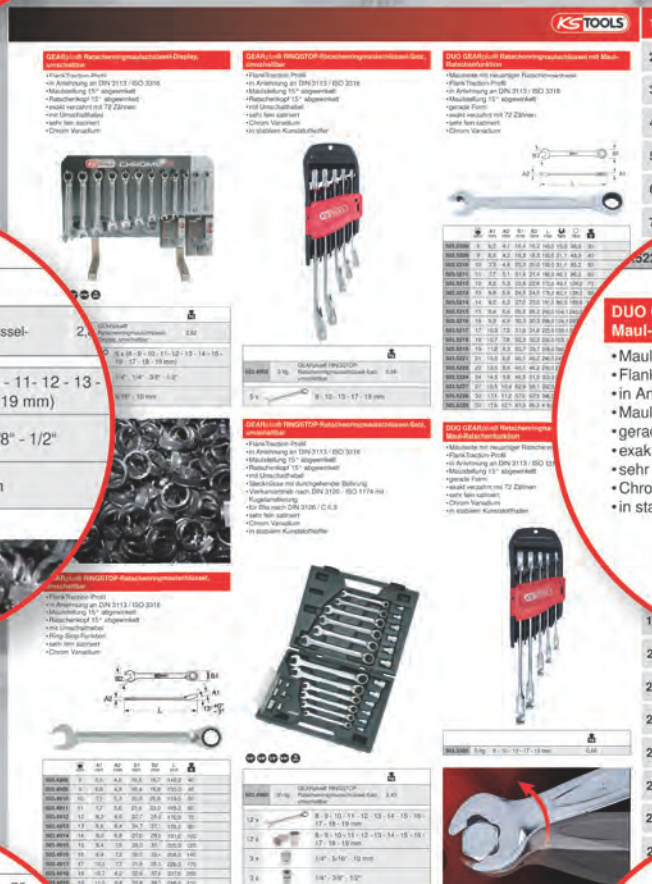
Significant product photographs



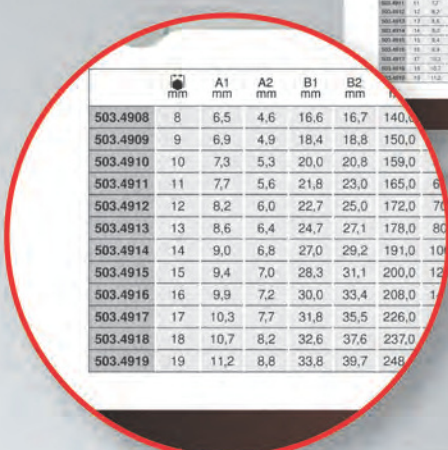
Coloured index for quick navigation



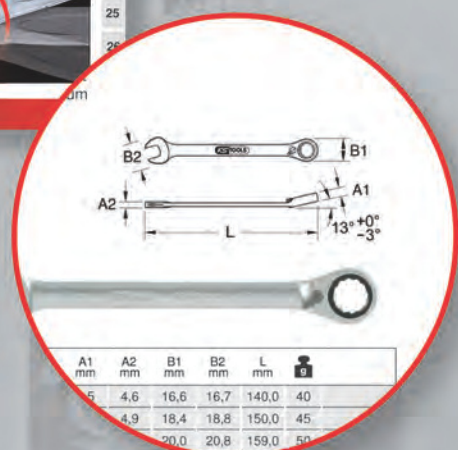
Clear specification of the set contents



Extensive description of the product specifications



Tabular clear view of the technical features



Technical drawing with all measurement dimensions

THE INDUSTRIAL CATALOGUE



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our mission!*



27 SECTIONS
725 PRODUCT GROUPS
800 PAGES
17,000 ARTICLES



www.kstools.com

SPANNERS



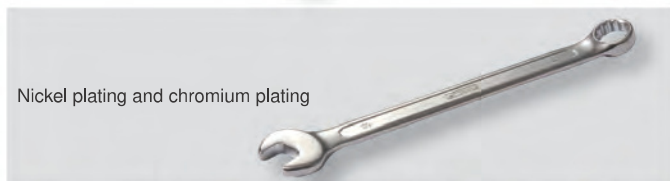
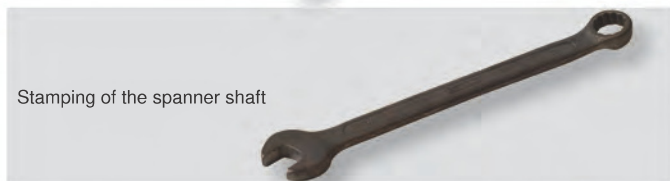
KS TOOLS

*Innovation is
our mission!*

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SPANNERS

Manufacturing and fabrication steps



Surfaces

Phosphate



- Phosphating = chemical / electro chemical process
- Dip coating or injection method
- Intention is the generation of phosphate layer, which is immovable on the base metal
- The surface receives a very good absorption capacity for oil and wax.
- Reliable corrosion protection
- Phosphated tools require regular oiling

Matt chrome



- Chrome layer is manufactured by electroplating in a electrolytic bath process
- Several steps e.g. degrease / nickel plating and chrome plating
- Matt = matt nickel layer shines through chrome layer - Resulting in matt finish
- Ideal corrosion and wear and tear protection

Chrome plated and mirror polished



- Chrome layer is manufactured by electroplating in an electrolytic bath process
- Several steps e.g. degrease / nickel plating and chrome plating
- Mirror polished = shining nickel layer - Resulting in a mirror polished finish
- Ideal corrosion and wear and tear protection

Very fine matt satin chrome



- Chrome layer is manufactured by electroplating in an electrolytic bath process
- Several steps e.g. degrease / nickel plating and chrome plating
- Ideal corrosion and wear and tear protection

Spanner-Profil

CLASSIC

- Matt chrome
- Chrome vanadium steel
- High corrosion and wear protection
- FlankTraction 12-point profil

CHROME^{plus}

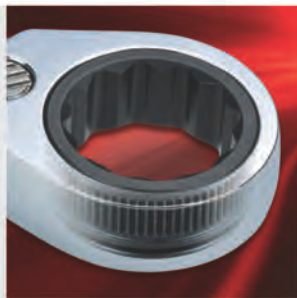
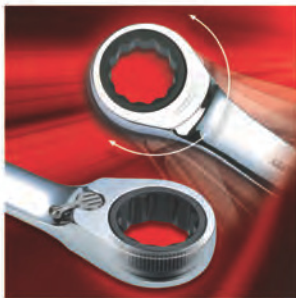
- Chrome plated and mirror polished
- Chrome vanadium steel
- High corrosion and wear protection
- FlankTraction 12-point profil

ULTIMATE^{PLUS}

- Matt satin chrome
- Chrome vanadium steel
- High corrosion and wear protection
- FlankTraction 12-point profil

GEAR^{plus}

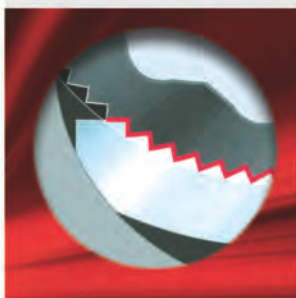
- Matt satin chrome
- With fine toothed ratchet ring technique
- Chrome vanadium steel
- High corrosion and wear protection
- FlankTraction 12-point profil



The GEARplus® ratchet ring spanner offers all the advantages of a ratchet and much more ...

Design of the ultra slim ring side allows working in the narrowest areas, even where, conventional ratchets and sockets cannot be used.

With a speed not normally possible the spanner allows difficult couplings to be loosened and tightened.



Profil

FlankTraction 12 point



- Perfect grip even on screws and nuts which are not true to size or damaged
- Larger contact area for better pressure distribution
- Avoids damage of head of screws
- Perfect torque transfer to the flanges of nuts and bolts

E-TX



- Common profile from automotive industry
- No cam distortion
- Perfect torque transfer

MINI COMBINATION SPANNERS

CHROMEplus® combination spanner, stubby

- FlankTraction profile 12 point)
- Jaw 15° offset
- Ring head 15° offset
- Chrome plated and mirror polished
- Chrome vanadium



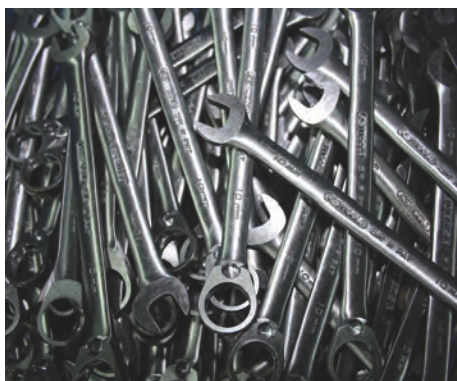
	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
518.0010	10	7.5	5.8	16.1	22.2	95.0	37
518.0011	11	7.8	6.1	17.9	23.9	100.0	45
518.0012	12	7.8	6.6	19.1	25.5	104.0	51
518.0013	13	9.1	7.0	19.9	27.1	109.0	54
518.0014	14	9.4	7.6	21.8	29.2	114.0	71
518.0015	15	9.6	7.8	22.5	30.1	120.0	76
518.0016	16	9.8	7.9	24.1	32.8	124.0	88
518.0017	17	10.8	8.7	26.1	35.8	130.0	115
518.0018	18	11.0	9.1	27.0	36.7	134.0	118
518.0019	19	11.9	9.9	28.6	38.1	140.0	148

CHROMEplus® combination spanner set, stubby

- FlankTraction profile 12 point)
- Jaw 15° offset
- Ring head 15° offset
- Chrome plated and mirror polished
- Chrome vanadium



	mm	kg
518.0040	7 pcs 10 - 11 - 12 - 13 - 14 - 17 - 19 mm	600



GEARplus® combination ratcheting spanner, stubby

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- With reverse lever
- High quality finish
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
503.4631	8	6.5	4.0	16.6	16.7	90.0	30
503.4632	9	6.9	4.4	18.4	18.8	93.0	40
503.4633	10	7.3	4.8	20.0	20.8	95.0	45
503.4634	11	7.7	5.2	21.8	23.0	103.0	50
503.4635	12	8.2	5.5	22.7	25.0	106.0	55
503.4636	13	8.6	5.8	24.7	27.1	108.0	60
503.4637	14	9.0	6.2	27.0	29.2	115.0	70
503.4638	15	9.4	6.5	28.3	31.3	119.0	90
503.4639	16	9.9	6.8	30.0	33.4	123.0	100
503.4640	17	10.3	7.2	31.8	35.5	127.0	110
503.4641	18	10.7	7.7	32.6	37.6	131.0	120
503.4642	19	11.2	8.2	33.8	39.7	139.0	150



GEARplus® combination ratcheting spanner set, stubby

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- With reverse lever
- High quality finish
- Chrome vanadium
- In durable plastic storage case



	mm	kg
503.4652	12 pcs GEARplus® combination ratcheting spanner set, stubby	1,08
12 x	8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	

GEARplus® combination ratcheting spanner set, stubby

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- With reverse lever
- Square drive adaptor to DIN 3120
- ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- High quality finish
- Chrome vanadium
- In durable plastic storage case



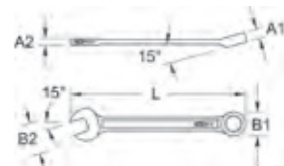
1/4" 3/8" 1/2"

	mm	kg
503.4653	16 pcs GEARplus® combination ratcheting spanner set, stubby	1,35
12 x	8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
1 x	1/4"	
3 x	1/4" - 3/8" - 1/2"	

COMBINATION SPANNERS

CLASSIC combination spanners, offset

- FlankTraction Profil
- DIN 3113 Form A / ISO 3318 / ISO 7738
- Jaw 15° offset
- Ring head 15° offset
- Polished heads
- Matt finish
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
517.0606	6	4.7	4.0	10.1	15.5	100.0	10
517.0607	7	5.0	4.0	11.5	17.0	110.0	15
517.0608	8	5.5	4.5	12.8	19.2	120.0	20
517.0609	9	5.9	4.5	14.2	21.2	130.0	30
517.0610	10	6.5	5.0	15.6	23.2	140.0	40
517.0611	11	6.9	5.4	16.9	25.3	150.0	50
517.0612	12	7.3	5.5	18.3	27.2	160.0	60
517.0613	13	7.8	5.9	19.7	29.4	170.0	70
517.0614	14	8.3	6.2	21.2	31.5	180.0	80
517.0615	15	8.6	6.4	22.5	33.2	190.0	90
517.0616	16	8.9	6.7	24.0	34.7	200.0	100
517.0617	17	9.3	6.9	25.3	36.5	210.0	130
517.0618	18	9.9	7.2	26.8	38.7	220.0	140
517.0619	19	10.5	7.4	28.1	40.7	230.0	170

	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
517.0620	20	10.9	7.7	29.7	43.1	240.0	190
517.0621	21	11.3	8.0	31.3	44.5	250.0	210
517.0622	22	11.5	8.2	32.6	46.9	260.0	230
517.0623	23	13.5	7.6	33.0	49.5	270.0	245
517.0624	24	14.0	8.0	35.5	50.4	280.0	270
517.0625	25	14.5	8.2	36.0	54.5	290.0	340
517.0626	26	15.0	8.5	37.0	56.5	300.0	350
517.0627	27	15.5	8.8	39.6	59.5	310.0	420
517.0628	28	16.0	9.0	40.0	60.0	320.0	440
517.0629	29	16.5	9.5	41.5	61.5	330.0	470
517.0630	30	17.0	10.1	43.7	61.8	340.0	500
517.0632	32	18.0	10.4	46.4	65.8	360.0	530
517.0634	34	20.0	10.0	49.7	66.0	420.0	735
517.0636	36	19.5	11.0	51.5	77.0	380.0	690
517.0638	38	21.5	13.0	56.0	76.0	450.0	1000
517.0641	41	22.0	11.0	58.5	87.0	440.0	750
517.0646	46	25.0	15.2	71.5	93.0	506.0	1635
517.0650	50	26.4	16.4	75.6	102.0	540.0	2100
517.1901	1/4"	5.0	3.9	9.8	15.7	100.0	15
517.1902	5/16"	5.9	4.4	12.7	19.0	120.0	25
517.1903	3/8"	6.4	4.5	14.1	20.9	130.0	30
517.1904	7/16"	7.4	5.2	16.9	25.4	150.0	45
517.1951	1/2"	8.4	5.8	19.7	29.3	170.0	70
517.1906	9/16"	8.9	6.1	21.1	31.2	180.0	75
517.1907	5/8"	9.8	6.6	24.0	34.5	200.0	95
517.1908	11/16"	10.3	6.9	25.4	37.3	210.0	120
517.1909	3/4"	11.1	7.3	28.2	40.4	230.0	155
517.1911	25/32"	11.4	7.5	29.6	42.3	240.0	185
517.1912	13/16"	11.7	7.7	31.0	44.2	250.0	190
517.1913	7/8"	12.0	7.9	32.3	46.6	260.0	220
517.1914	15/16"	12.7	8.3	35.1	50.1	280.0	280
517.1952	1"	13.0	8.5	36.5	52.8	290.0	300
517.1916	1.1/16"	13.6	8.9	39.2	55.9	310.0	375
517.1917	1.1/8"	13.9	9.1	40.6	57.8	320.0	390
517.1918	1.3/16"	14.6	9.5	43.4	62.6	340.0	470
517.1919	1.1/4"	15.2	9.9	46.6	66.9	360.0	555
517.1921	1.5/16"	15.2	10.0	46.0	66.0	340.0	500
517.1922	1.3/8"	18.4	13.0	52.0	74.0	390.0	780
517.1923	1.7/16"	19.0	13.0	52.1	75.0	390.0	780
517.1924	1.1/2"	19.0	13.0	55.5	75.0	390.0	730



CLASSIC Combination spanners set, offset

- FlankTraction profile 12 point)
- DIN 3113 Form A / ISO 3318 / ISO 7738
- Jaw 15° offset
- Ring head 15° offset
- Polished heads
- Matt finish
- Chrome vanadium



	kg	
517.0045	5 pcs 8 - 10 - 13 - 17 - 19 mm	0.54
517.0048	8 pcs 8 - 9 - 10 - 11 - 13 - 14 - 17 - 19 mm	0.55
517.0080	10 pcs 8 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 - 22 mm	0.82
517.0052	12 pcs 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	0.88
517.0085	12 pcs 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 - 24 - 27 - 30 - 32 mm	2.28
517.0043	21 pcs 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm	3.80

CLASSIC combination spanners, offset

- FlankTraction profile 12 point)
- DIN 3113 Form B / ISO 3318 / ISO 7738
- Jaw 15° offset
- Ring head 70° offset
- Ring head 10° angled
- Matt finish
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
517.1606	6	5.5	3.7	11.0	15.5	110.0	0.02
517.1607	7	6.0	3.7	12.5	17.5	120.0	0.02
517.1608	8	6.5	4.3	13.8	20.0	130.0	0.03
517.1609	9	7.0	4.3	15.0	21.5	140.0	0.04
517.1610	10	7.5	4.7	16.5	23.5	150.0	0.04
517.1611	11	8.0	5.1	18.0	25.0	158.0	0.05
517.1612	12	8.5	5.3	19.6	27.0	165.0	0.07
517.1613	13	7.0	5.5	21.2	29.5	175.0	0.08
517.1614	14	9.5	5.7	23.0	31.5	185.0	0.09
517.1615	15	10.0	6.1	24.4	33.5	195.0	0.10
517.1616	16	10.5	6.5	26.0	35.5	210.0	0.12
517.1617	17	11.0	6.9	27.6	37.0	225.0	0.14
517.1618	18	11.5	7.3	28.8	40.0	240.0	0.16
517.1619	19	12.0	7.7	30.5	42.5	255.0	0.18
517.1620	20	12.5	8.1	31.5	44.0	270.0	0.20
517.1621	21	13.0	8.5	33.0	45.5	285.0	0.24
517.1622	22	13.5	8.9	34.5	47.5	300.0	0.28
517.1623	23	14.5	9.5	37.0	52.0	320.0	0.38
517.1624	24	14.5	9.5	37.0	52.0	320.0	0.38
517.1625	25	15.5	10.3	39.0	54.5	350.0	0.44
517.1626	26	15.5	10.3	39.0	54.5	350.0	0.44
517.1627	27	16.5	11.3	42.0	60.5	380.0	0.49
517.1628	28	16.5	11.3	42.0	60.5	380.0	0.49
517.1629	29	17.5	12.5	45.0	64.0	410.0	0.68
517.1630	30	17.5	12.5	45.0	64.0	410.0	0.68
517.1632	32	18.5	12.5	49.0	66.0	430.0	0.72
517.1636	36	22.0	12.5	55.0	77.0	460.0	1.07
517.1638	38	22.0	12.5	55.0	77.0	465.0	1.08
517.1641	41	24.5	13.5	60.0	85.0	510.0	1.26
517.1646	46	25.5	16.0	66.0	93.0	530.0	1.70
517.1650	50	26.5	16.5	74.0	104.0	560.0	2.20
517.1655	55	28.3	19.0	82.0	112.0	570.0	2.90
517.1660	60	31.0	20.0	90.0	123.0	660.0	3.60
517.1665	65	33.0	22.0	98.0	133.0	710.0	4.55
517.1670	70	35.0	24.0	105.0	143.0	760.0	5.80
517.1675	75	38.0	26.0	110.0	153.0	810.0	6.65
517.1680	80	41.0	28.0	119.0	163.0	860.0	8.50
517.2601	1/4"	5.5	3.7	11.0	15.5	110.0	0.02
517.2602	5/16"	6.5	4.3	13.8	20.0	130.0	0.03
517.2603	3/8"	7.5	4.7	16.5	23.5	150.0	0.04
517.2604	7/16"	8.0	5.1	18.0	25.0	158.0	0.05
517.2651	1/2"	9.0	5.5	21.2	29.5	175.0	0.08
517.2606	9/16"	9.5	5.7	23.0	31.5	185.0	0.09
517.2607	5/8"	10.5	6.5	26.0	35.5	210.0	0.12
517.2608	11/16"	11.0	6.9	27.6	37.0	225.0	0.14
517.2609	3/4"	12.0	7.7	30.5	42.5	255.0	0.18
517.2611	25/32"	12.5	8.1	31.5	44.0	270.0	0.20
517.2612	13/16"	13.0	8.5	33.0	45.5	285.0	0.24
517.2613	7/8"	13.5	8.9	34.5	47.5	300.0	0.28
517.2614	15/16"	14.5	9.5	37.0	52.0	320.0	0.38
517.2652	1"	15.5	10.3	39.0	54.5	350.0	0.44
517.2616	1.1/16"	16.5	11.0	42.0	60.5	380.0	0.49
517.2617	1.1/8"	16.5	11.3	42.0	60.5	380.0	0.49
517.2618	1.3/16"	17.5	12.5	45.0	64.0	410.0	0.68
517.2619	1.1/4"	16.5	11.3	42.0	60.5	380.0	0.49
517.2621	1.5/16"	18.5	12.5	49.0	66.0	430.0	0.72
517.2622	1.3/8"	22.0	12.5	55.0	77.0	460.0	1.07
517.2623	1.7/16"	23.0	12.5	55.0	77.0	461.0	1.07
517.2624	1.1/2"	22.0	12.5	55.0	77.0	465.0	1.08
517.2653	1.9/16"	12.5	12.5	55.0	77.0	465.0	1.08
517.2626	1.5/8"	13.5	13.5	60.0	85.0	510.0	1.26
517.2627	1.11/16"	13.5	13.5	60.0	85.0	510.0	1.26
517.2628	1.3/4"	16.0	16.0	66.0	93.0	530.0	1.70
517.2629	1.13/16"	16.0	16.0	66.0	93.0	530.0	1.70
517.2631	1.7/8"	16.0	16.0	66.0	93.0	530.0	1.70

	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
517.2632	1.15/16"	16.5	16.5	74.0	104.0	560.0	2.20
517.2633	2"	16.5	16.5	74.0	104.0	560.0	2.20
517.2634	2.1/16"	16.5	16.5	74.0	104.0	560.0	2.20
517.2635	2.1/8"	16.5	16.5	74.0	104.0	560.0	2.20
517.2636	2.3/16"	19.0	19.0	82.0	112.0	570.0	2.90
517.2637	2.1/4"	19.0	19.0	82.0	112.0	570.0	2.90
517.2638	2.5/16"	19.0	19.0	82.0	112.0	570.0	2.90
517.2639	2.3/8"	20.0	20.0	90.0	120.0	660.0	3.60
517.2641	2.7/16"	20.0	20.0	90.0	123.0	660.0	3.60
517.2642	2.1/2"	22.0	22.0	98.0	133.0	710.0	4.55
517.2643	2.9/16"	22.0	22.0	98.0	133.0	710.0	0.46
517.2644	2.3/4"	24.0	24.0	105.0	143.0	760.0	5.80
517.2645	3"	26.0	26.0	110.0	153.0	810.0	6.65
517.2646	3.1/8"	28.0	28.0	119.0	163.0	860.0	8.50
517.2647	3.1/4"	28.0	28.0	119.0	163.0	860.0	8.50

CLASSIC combination spanners set, offset

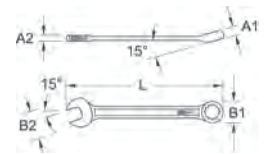
- FlankTraction profile 12 point)
- DIN 3113 Form B / ISO 3318 / ISO 7738
- Jaw 15° offset
- Ring head 70° offset
- Ring head 10° angled
- Matt finish
- Chrome vanadium



	pcs	mm	kg
517.0090	8 pcs	8 - 10 - 12 - 13 - 14 - 17 - 19 - 22	0.92
517.0095	12 pcs	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 mm	1.00
517.0099	25 pcs	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 30 - 32 mm	5.96

CHROMEplus® Combination spanner, offset

- FlankTraction profile 12 point)
- DIN 3113 / ISO 3318 / ISO 7738
- Jaw 15° offset
- Ring head 15° offset
- Chrome plated and mirror polished
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
518.0606	6	4.6	4.3	10.5	13.7	128.0	21
518.0607	7						

	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
518.0614	14	9.6	7.7	22.1	28.9	190.0	95
518.0615	15	10.7	8.5	24.5	32.6	205.0	124
518.0616	16	10.7	8.5	24.5	32.6	205.0	124
518.0617	17	11.0	8.8	26.7	36.3	225.0	159
518.0618	18	11.2	9.2	28.3	38.6	248.0	176
518.0619	19	11.2	9.2	28.3	38.6	248.0	176
518.0620	20	12.4	9.8	30.5	42.5	270.0	233
518.0621	21	12.4	9.8	30.5	42.5	270.0	233
518.0622	22	12.9	10.4	33.3	46.5	292.0	335
518.0624	24	13.9	10.8	35.4	48.5	314.0	395
518.0627	27	15.4	12.3	38.4	53.5	359.0	512
518.0630	30	15.8	12.9	43.1	57.2	390.0	662
518.0632	32	16.4	13.0	45.1	62.0	425.0	800
518.3001	1/4"	4.6	4.3	10.5	13.7	128.0	21
518.3002	5/16"	5.7	4.7	12.6	18.9	148.0	32
518.3003	3/8"	8.1	5.8	15.6	20.6	154.0	46
518.3004	7/16"	8.5	6.8	17.8	23.0	167.0	62
518.3005	1/2"	8.8	7.1	20.3	26.3	178.0	71
518.3006	9/16"	9.6	7.7	22.1	28.9	190.0	95
518.3007	5/8"	10.7	8.5	24.5	32.6	205.0	124
518.3008	11/16"	11.0	8.8	26.7	36.3	225.0	155
518.3009	3/4"	11.2	9.2	28.3	38.6	248.0	176
518.3010	13/16"	12.4	9.8	30.5	42.5	270.0	233
518.3011	7/8"	12.9	10.4	33.3	46.5	292.0	287
518.3012	15/16"	13.9	10.8	35.4	48.5	314.0	332
518.3013	1"	14.4	11.4	36.5	50.4	336.0	422
518.3014	1.1/16"	15.4	12.3	38.4	53.5	359.0	512
518.3015	1.1/8"	15.8	12.9	43.1	57.2	390.0	664
518.3016	1.1/4"	16.4	13.0	45.1	62.0	425.0	847

CHROMEplus® combination spanner set, offset

- FlankTraction profile 12 point)
- DIN 3113 / ISO 3318 / ISO 7738
- Jaw 15° offset
- Ring head 15° offset
- Chrome plated and mirror polished
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
518.0640	9 pcs	8 - 9 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm					930



CHROMEplus® Combination spanner set, offset

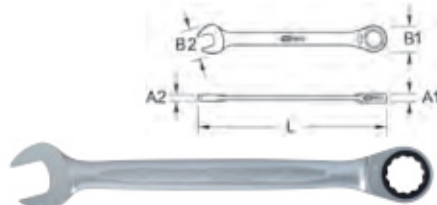
- FlankTraction profile 12 point)
- DIN 3113 / ISO 3318 / ISO 7738
- Jaw 15° offset
- Ring head 15° offset
- Chrome plated and mirror polished
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
518.0641	11 pcs	8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 - 22 mm					1.40
518.0643	13 pcs	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 - 22 mm					1.40
518.0644	4 pcs	24 - 27 - 30 - 32 mm					2.50
518.3000	11 pcs	1/4" - 5/16" - 3/8" - 7/16" - 1/2" - 9/16" - 5/8" - 11/16" - 3/4" - 13/16" - 7/8"					1.30
518.3020	7 pcs	3/8" - 7/16" - 1/2" - 9/16" - 5/8" - 11/16" - 3/4"					0.73

GEARplus® Combination ratcheting spanner

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
503.42055	5.5	6.3	3.9	14.0	15.0	127.5	20
503.4206	6	6.3	3.9	14.0	15.0	128.0	25
503.4207	7	6.5	4.0	16.8	16.7	140.0	30
503.4208	8	6.5	4.0	16.8	16.7	140.0	30
503.4209	9	6.9	4.4	18.8	18.7	149.0	40
503.4210	10	7.3	4.8	20.8	20.8	158.0	50
503.4211	11	7.7	5.2	21.8	23.0	165.0	60
503.4212	12	8.2	5.5	22.8	24.6	171.0	70
503.4213	13	8.6	5.8	24.8	26.8	178.0	80
503.4214	14	9.0	6.2	27.8	29.0	190.0	110
503.4215	15	9.4	6.5	28.8	31.0	199.0	120
503.4216	16	9.9	6.8	30.8	33.0	208.0	150
503.4217	17	10.3	7.2	31.8	35.5	225.0	180
503.4218	18	10.7	7.7	32.8	37.5	236.0	210
503.4219	19	11.2	8.2	33.8	39.4	247.0	240
503.4221	21	13.0	9.0	40.0	45.8	289.0	340
503.4222	22	13.0	9.0	40.0	45.8	289.0	345
503.4224	24	14.5	10.0	46.0	51.8	322.0	470
503.4227	27	15.5	10.5	52.0	56.4	358.0	580
503.4228	30	17.0	11.4	58.0	62.7	401.0	860
503.4229	32	17.5	12.5	62.0	66.4	424.0	1060
503.4230	34	17.5	13.0	62.0	70.0	459.0	1170
503.4248	41	19.5	16.5	71.0	86.0	565.0	2000
503.4102	5/16"	6.5	4.0	16.8	16.7	140.0	30
503.4103	3/8"	7.3	4.8	20.8	20.8	158.0	40
503.4104	7/16"	7.7	5.2	21.8	23.0	165.0	50
503.4105	1/2"	8.6	5.8	24.8	26.8	178.0	70
503.4106	9/16"	9.0	6.2	27.8	29.0	190.0	110
503.4107	5/8"	9.9	6.8	30.8	33.0	208.0	130
503.4108	11/16"	10.3	7.2	31.8	35.5	225.0	170
503.4109	3/4"	11.2	8.2	33.8	39.4	247.0	220

GEARplus® Combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
503.4204	4 pcs	10 - 13 - 17 - 19 mm					0.65
503.4205	5 pcs	8 - 10 - 13 - 17 - 19 mm					0.69
503.4270	4 pcs	24 - 27 - 30 - 32 mm					3.07
503.4202	5 pcs	5/16" - 3/8" - 1/2" - 11/16" - 3/4"					0.69

GEARplus® ratchet combination spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
503.4255	5 pcs	GEARplus® ratchet combination spanner set					0.67
5 x		8 - 10 - 13 - 17 - 19 mm					

GEARplus® combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic storage case



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
503.4259	6 pcs	GEARplus® combination ratcheting spanner set					0.97
6 x		8 - 10 - 12 - 13 - 17 - 19 mm					

GEARplus® combination ratcheting spanner set

- FlankTraction profil (12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Straight form
- Exact gearing with 72 teeth
- Square drive adaptor to DIN 3120
- - ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic storage case



1/4" 3/8" 1/2"

		10	
503.4260	10 pcs	GEARplus® combination ratcheting spanner set	1,05
6 x		8 - 10 - 12 - 13 - 17 - 19 mm	
1 x		1/4"	
3 x		1/4" - 3/8" - 1/2"	

GEARplus® combination ratcheting spanner set

- FlankTraction profil (12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Straight form
- Exact gearing with 72 teeth
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic storage case



1/4" 3/8" 1/2"

		16	
503.4266	16 pcs	GEARplus® combination ratcheting spanner set	1,73
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
1 x		1/4"	
3 x		1/4" - 3/8" - 1/2"	

GEARplus® combination ratcheting spanner set

- FlankTraction profil (12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic storage case



		12	
503.4265	12 pcs	GEARplus® combination ratcheting spanner set	1,88
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	

GEARplus® combination ratcheting spanner display

- FlankTraction profil (12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium

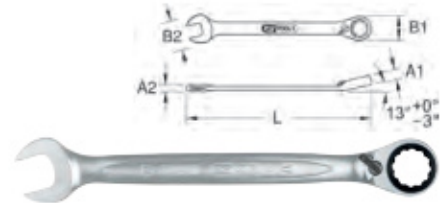


1/4" 3/8" 1/2" 5/8" 3/4"

		70	
503.4200	70 pcs	GEARplus® combination ratcheting spanner display	2,87
60 x		5 x (8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm)	
5 x		1/4" ; 1/4" - 3/8" - 1/2"	
5 x		5/16" - 10 mm	

GEARplus® reversing combination ratcheting spanner

- FlankTraction Profil
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- With reverse lever
- High quality finis
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
503.4606	6	6.3	3.9	14.0	15.0	127.5	30
503.4607	7	6.5	4.6	16.4	16.2	140.0	30
503.4608	8	6.5	4.6	16.4	16.2	140.0	30
503.4609	9	6.9	4.9	18.3	18.2	150.0	40
503.4610	10	7.3	5.3	20.0	20.5	159.0	50
503.4611	11	7.7	5.6	21.4	22.6	166.0	60
503.4612	12	8.2	6.0	22.6	24.6	172.0	70
503.4613	13	8.6	6.4	24.5	26.7	178.0	80
503.4614	14	9.0	6.8	27.0	28.8	191.0	100
503.4615	15	9.4	7.0	28.2	30.8	200.0	120
503.4616	16	9.9	7.2	30.3	33.2	208.0	150
503.4617	17	10.3	7.7	31.6	35.1	225.0	160
503.4618	18	10.7	8.2	32.3	37.2	236.0	190
503.4619	19	11.2	8.8	33.7	39.3	248.0	220
503.4621	21	13.0	9.0	40.1	46.2	290.0	245
503.4622	22	13.0	9.0	40.1	46.2	290.0	360
503.4624	24	14.5	10.0	46.5	51.5	323.0	470
503.4627	27	15.5	10.5	52.5	56.5	357.0	660
503.4628	30	17.0	11.4	58.5	62.7	400.0	860
503.4629	32	17.5	12.5	62.5	66.4	423.0	1050
503.4630	34	17.5	13.0	62.5	70.6	460.0	1200
503.4643	36	18.0	13.4	65.8	79.0	488.0	1300
503.4644	38	18.0	13.4	65.8	79.0	488.0	1400
503.4648	41	19.5	16.5	71.0	86.0	565.0	2000
503.4681	5/16"	6.5	4.0	16.6	16.7	145.0	30
503.4683	3/8"	7.3	4.8	20.0	20.8	159.0	60
503.4684	7/16"	7.7	5.2	21.8	23.0	165.0	70
503.4685	1/2"	8.6	5.8	24.7	27.1	178.0	80
503.4686	9/16"	9.0	6.5	27.0	29.2	190.0	100
503.4687	5/8"	9.9	6.8	30.0	33.4	208.0	140
503.4688	11/16"	10.3	7.2	31.8	35.5	225.0	170
503.4689	3/4"	11.2	8.2	33.8	39.7	248.0	230

GEARplus® reversing combination ratcheting spanner set

- FlankTraction profil (12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- With reverse lever
- High quality finis
- Chrome vanadium



		4	
503.4604	4 pcs	10 - 13 - 17 - 19 mm	0,65
503.4605	5 pcs	8 - 10 - 13 - 17 - 19 mm	0,70
503.4602	5 pcs	5/16" - 3/8" - 1/2" - 11/16" - 3/4"	0,60

GEARplus® reversing combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- With reverse lever
- Square drive adaptor to DIN 3120
- - ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- High quality finish
- Chrome vanadium
- In durable plastic storage case



1/4" 3/8" 1/2"

		kg	
503.4650	9 pcs	GEARplus® reversing combination ratcheting spanner set	1.10
5 x		8 - 10 - 13 - 17 - 19 mm	
1 x		1/4"	
3 x		1/4" - 3/8" - 1/2"	

GEARplus® reversing combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- With reverse lever
- Square drive adaptor to DIN 3120
- - ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- High quality finish
- Chrome vanadium
- In durable plastic storage case



1/4" 3/8" 1/2"

		kg	
503.4647	10 pcs	GEARplus® reversing combination ratcheting spanner set	1.11
6 x		8 - 10 - 12 - 13 - 17 - 19 mm	
1 x		1/4"	
3 x		1/4" - 3/8" - 1/2"	

GEARplus® reversing combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- With reverse lever
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- High quality finish
- Chrome vanadium
- In durable plastic storage case



1/4" 3/8" 1/2"

		kg	
503.4666	16 pcs	GEARplus® reversing combination ratcheting spanner set	1.79
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
1 x		1/4"	
3 x		1/4" - 3/8" - 1/2"	

GEARplus® reversing combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- With reverse lever
- High quality finish
- Chrome vanadium
- In durable plastic storage case



		kg	
503.4646	6 pcs	GEARplus® reversing combination ratcheting spanner set	1.04
6 x		8 - 10 - 12 - 13 - 17 - 19 mm	

GEARplus® reversing combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- With reverse lever
- High quality finish
- Chrome vanadium
- In durable plastic storage case



		kg	
503.4665	12 pcs	GEARplus® reversing combination ratcheting spanner set	1.71
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	



GEARplus® reversing combination ratcheting spanner display

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- With reverse lever
- High quality finis
- Chrome vanadium



1/4" 3/8" 1/2" 5/16" 10 mm

		kg	
503.4600	70 pcs	GEARplus® reversing combination ratcheting spanner display	2,82
60 x		5 x (8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm)	
5 x		1/4" ; 1/4" - 3/8" - 1/2"	
5 x		5/16" - 10 mm	



GEARplus® reversing combination ratcheting spanner

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- With reverse lever
- Ring stop fuction
- High quality finis
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
503.4908	8	6.5	4.6	16.6	16.7	140.0	40
503.4909	9	6.9	4.9	18.4	18.8	150.0	45
503.4910	10	7.3	5.3	20.0	20.8	159.0	50
503.4911	11	7.7	5.6	21.8	23.0	165.0	60
503.4912	12	8.2	6.0	22.7	25.0	172.0	70
503.4913	13	8.6	6.4	24.7	27.1	178.0	80
503.4914	14	9.0	6.8	27.0	29.2	191.0	100
503.4915	15	9.4	7.0	28.3	31.1	200.0	120
503.4916	16	9.9	7.2	30.0	33.4	208.0	140
503.4917	17	10.3	7.7	31.8	35.5	226.0	170
503.4918	18	10.7	8.2	32.6	37.6	237.0	200
503.4919	19	11.2	8.8	33.8	39.7	248.0	210

GEARplus® reversing combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- With reverse lever
- High quality finis
- Chrome vanadium
- In durable plastic storage case



		kg	
503.4955	5 pcs	GEARplus® reversing combination ratcheting spanner set	0,66
5 x		8 - 10 - 13 - 17 - 19 mm	

GEARplus® reversing combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- With reverse lever
- Versatile sockets with go through function
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- High quality finis
- Chrome vanadium
- In durable plastic storage case

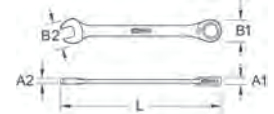


1/4" 3/8" 1/2" 5/16" 10 mm

		kg	
503.4960	30 pcs	GEARplus® reversing combination ratcheting spanner set	2,43
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
3 x		1/4" - 5/16" - 10 mm	
3 x		1/4" - 3/8" - 1/2"	

DUO GEARplus® combination spanner set with ratchet mechanism in ring and open jaw

- Open end side with innovative ratchet mechanism
- FlankTraction Profil
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Straight form
- Exact gearing with 72 teeth
- High quality finis
- Chrome vanadium



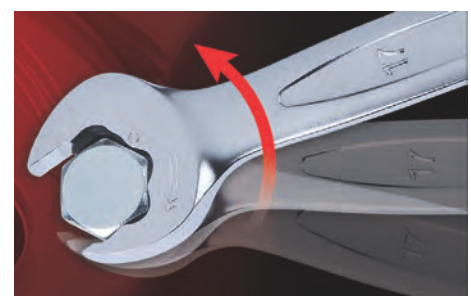
	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	Nm	Nm	kg
503.5208	8	6.5	4.1	16.4	16.2	140.0	15.0	36.0	30
503.5209	9	6.9	4.3	18.3	18.3	150.0	21.1	48.0	40
503.5210	10	7.3	4.8	20.0	20.0	159.0	31.1	85.2	50
503.5211	11	7.7	5.1	21.4	21.4	166.0	46.1	96.0	60
503.5212	12	8.2	5.3	22.6	22.6	172.0	49.1	109.2	70
503.5213	13	8.6	5.9	24.5	24.5	178.0	62.1	138.0	80
503.5214	14	9.0	6.3	27.0	27.0	191.0	86.0	189.6	110
503.5215	15	9.4	6.6	28.2	28.2	200.0	104.1	240.0	120
503.5216	16	9.9	6.9	30.3	30.3	208.0	124.1	297.6	150
503.5217	17	10.3	7.3	31.6	31.6	225.0	139.1	320.4	170
503.5218	18	10.7	7.8	32.3	32.3	236.0	155.1	364.8	210
503.5219	19	11.2	8.3	33.7	33.7	248.0	186.1	387.6	220
503.5221	21	13.0	8.8	40.1	46.2	290.0	248.1	446.4	340
503.5222	22	13.0	8.8	40.1	46.2	290.0	279.1	489.6	340
503.5224	24	14.5	9.8	46.5	51.5	323.0	341.2	610.8	470
503.5227	27	15.5	10.4	52.9	56.1	352.0	432.0	805.2	650
503.5228	30	17.1	11.2	57.6	62.5	396.0	570.0	954.0	875
503.5229	32	17.6	12.1	61.9	66.2	418.0	650.0	1086.0	1035

DUO GEARplus® combination spanner set with ratchet mechanism in ring and open jaw

- Open end side with innovative ratchet mechanism
- FlankTraction Profil
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Straight form
- Exact gearing with 72 teeth
- High quality finis
- Chrome vanadium
- In durable plastic holder



		kg	
503.5205	5 pcs	8 - 10 - 13 - 17 - 19 mm	0,66



DUO GEARplus® combination spanner with ratchet mechanism in ring and open jaw, reversible

- Open end side with innovative ratchet mechanism
- FlankTraction Profil
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ring head 15° offset
- With reverse lever
- Exact gearing with 72 teeth
- High quality finis
- Chrome vanadium



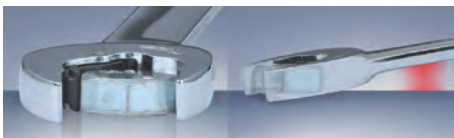
	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	Nm	Nm	kg
503.5908	8	6.5	4.1	16.4	16.2	140.0	15.0	36.0	40
503.5909	9	6.9	4.3	18.3	18.2	150.0	21.1	48.0	45
503.5910	10	7.3	4.8	20.0	20.5	159.0	31.1	85.2	50
503.5911	11	7.7	5.1	21.4	22.6	166.0	46.1	96.0	60
503.5912	12	8.2	5.3	22.6	24.6	172.0	49.1	109.2	70
503.5913	13	8.6	5.9	24.5	26.7	178.0	62.1	138.0	80
503.5914	14	9.0	6.3	27.0	28.8	191.0	86.0	189.6	100
503.5915	15	9.4	6.6	28.2	30.8	200.0	104.1	240.0	120
503.5916	16	9.9	6.9	30.3	33.2	208.0	124.1	297.6	140
503.5917	17	10.3	7.3	31.6	35.1	225.0	139.1	320.4	170
503.5918	18	10.7	7.8	32.3	37.2	236.0	155.1	364.8	200
503.5919	19	11.2	8.3	33.7	39.3	248.0	186.1	387.6	210
503.5921	21	13.0	8.8	40.1	46.2	290.0	248.1	446.4	340
503.5922	22	13.0	8.8	40.0	46.2	290.0	279.1	489.6	340
503.5924	24	14.5	9.8	46.5	51.5	323.0	341.2	610.8	470
503.5927	27	15.5	10.4	52.9	56.1	352.0	432.0	805.2	650
503.5928	30	17.1	11.2	57.6	62.5	396.0	570.0	954.0	875
503.5929	32	17.6	12.1	61.9	66.2	418.0	650.0	1086.0	1035

DUO GEARplus® combination spanner set with ratchet mechanism in ring and open jaw, reversible

- Open end side with innovative ratchet mechanism
- FlankTraction Profil
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ring head 15° offset
- With reverse lever
- Exact gearing with 72 teeth
- High quality finis
- Chrome vanadium
- In durable plastic holder



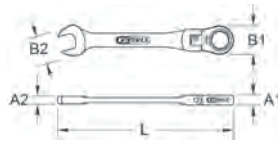
		kg
503.5905	5 pcs 8 - 10 - 13 - 17 - 19 mm	0.66



FLEXIBLE COMBINATION SPANNERS

GEARplus® fl xible combination ratcheting spanner

- FlankTraction profile 12 point)
- In accordance to DIN 3110 / ISO 3318
- Jaw 15° offset
- Exact gearing with 72 teeth
- With fl xible head
- 180° revolving head
- High quality finis
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
503.4708	8	6.5	4.3	16.7	16.2	127.0	30
503.4709	9	6.9	4.6	18.6	18.2	131.5	40
503.4710	10	7.3	5.0	20.0	20.3	136.0	50
503.4711	11	7.7	5.4	21.8	22.5	141.0	60
503.4712	12	8.2	5.8	23.0	24.3	147.5	70
503.4713	13	8.6	6.1	25.2	26.8	154.0	80
503.4714	14	9.0	6.4	26.8	28.3	160.0	100
503.4715	15	9.4	6.9	28.3	29.8	169.0	120
503.4716	16	9.9	7.2	29.8	31.8	179.0	150
503.4717	17	10.3	7.6	31.8	32.8	190.0	160
503.4718	18	10.7	8.0	32.8	37.0	203.0	190
503.4719	19	11.2	8.6	33.9	39.2	215.0	220
503.4721	21	13.0	9.0	40.0	46.0	274.0	400
503.4722	22	13.0	9.0	40.0	46.0	274.0	400
503.4724	24	14.5	10.0	46.0	52.2	296.0	550

GEARplus® fl xible combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3110 / ISO 3318
- Jaw 15° offset
- Exact gearing with 72 teeth
- With fl xible head
- 180° revolving head
- High quality finis
- Chrome vanadium
- In durable plastic storage case



		kg
503.4759	6 pcs GEARplus® fl xible combination ratcheting spanner set	1.90
6 x	8 - 10 - 12 - 13 - 17 - 19 mm	

GEARplus® fl xible combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3110 / ISO 3318
- Jaw 15° offset
- Exact gearing with 72 teeth
- With fl xible head
- 180° revolving head
- Square drive adaptor to DIN 3120-ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- High quality finis
- Chrome vanadium
- In durable plastic storage case



1/4" 3/8" 1/2"

		kg
503.4760	10 pcs GEARplus® fl xible combination ratcheting spanner set	2.00
6 x	8 - 10 - 12 - 13 - 17 - 19 mm	
1 x	1/4"	
3 x	1/4" - 3/8" - 1/2"	

GEARplus® fl xible combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3110 / ISO 3318
- Jaw 15° offset
- Exact gearing with 72 teeth
- With fl xible head
- 180° revolving head
- High quality finis
- Chrome vanadium
- In durable plastic storage case



		kg
503.4765	12 pcs GEARplus® fl xible combination ratcheting spanner set	2.56
12 x	8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	

GEARplus® fl xible combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3110 / ISO 3318
- Jaw 15° offset
- Exact gearing with 72 teeth
- With fl xible head
- 180° revolving head
- Square drive adaptor to DIN 3120-ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- High quality finis
- Chrome vanadium
- In durable plastic storage case

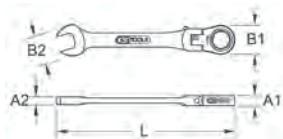


1/4" 3/8" 1/2"

		kg	
503.4766	16 pcs	GEARplus® fl xible combination ratcheting spanner set	2,66
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
1 x		1/4"	
3 x		1/4" - 3/8" - 1/2"	

GEARplus® fl xible locking combination ratcheting spanner

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- With fl xible locking head
- Exact gearing with 72 teeth
- 180° revolving head
- High quality finis
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
503.4808	8	6.5	4.3	16.7	16.2	127.0	30
503.4809	9	6.9	4.6	18.6	18.2	131.5	40
503.4810	10	7.3	5.0	20.0	20.3	136.0	50
503.4811	11	7.7	5.4	21.8	22.5	141.0	60
503.4812	12	8.2	5.8	23.0	24.3	147.5	70
503.4813	13	8.6	6.1	25.2	26.8	154.0	80
503.4814	14	9.0	6.4	26.8	28.7	160.0	100
503.4815	15	9.4	6.9	28.3	30.5	169.0	120
503.4816	16	9.9	7.2	29.8	32.9	179.0	150
503.4817	17	10.3	7.6	31.8	34.5	190.0	160
503.4818	18	10.7	8.0	32.8	37.0	203.0	190
503.4819	19	11.2	8.6	33.9	39.2	215.0	220

GEARplus® fl xible locking combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- With fl xible locking head
- Exact gearing with 72 teeth
- 180° revolving head
- Square drive adaptor to DIN 3120-ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- High quality finis
- Chrome vanadium
- In durable plastic storage case



1/4" 3/8" 1/2" 5/16" 10 mm

		kg	
503.4867	12 pcs	GEARplus® fl xible locking combination ratcheting spanner set	1,30
6 x		8 - 10 - 12 - 13 - 17 - 19 mm	
3 x		1/4" - 5/16" - 10 mm	
3 x		1/4" - 3/8" - 1/2"	

GEARplus® fl xible combination ratcheting spanner display

- FlankTraction profile 12 point)
- In accordance to DIN 3110 / ISO 3318
- Jaw 15° offset
- Exact gearing with 72 teeth
- With fl xible head
- 180° revolving head
- High quality finis
- Chrome vanadium



1/4" 3/8" 1/2" 5/16" 10 mm

		kg	
503.4700	70 pcs	GEARplus® fl xible combination ratcheting spanner display	2,74
60 x		5 x (8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm)	
5 x		1/4" ; 1/4" - 3/8" - 1/2"	
5 x		5/16" - 10 mm	

GEARplus® fl xible locking combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- With fl xible locking head
- Exact gearing with 72 teeth
- 180° revolving head
- High quality finis
- Chrome vanadium
- In durable plastic storage case



		kg	
503.4859	6 pcs	GEARplus® fl xible locking combination ratcheting spanner set	1,21
6 x		8 - 10 - 12 - 13 - 17 - 19 mm	

GEARplus® fl xible locking combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- With fl xible locking head
- Exact gearing with 72 teeth
- 180° revolving head
- High quality finis
- Chrome vanadium
- In durable plastic storage case



		kg	
503.4865	12 pcs	GEARplus® fl xible locking combination ratcheting spanner set	2,56
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	

GEARplus® fl xible locking combination ratcheting spanner set

- FlankTraction profile 12 point
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- With fl xible locking head
- Exact gearing with 72 teeth
- 180° revolving head
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- High quality finis
- Chrome vanadium
- In durable plastic storage case



1/4" 3/8" 1/2" 5/8" 3/4"

503.4868	18 pcs	GEARplus® fl xible locking combination ratcheting spanner set	2.90		
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm			
3 x		1/4" - 5/16" - 10 mm			
3 x		1/4" - 3/8" - 1/2"			

GEARplus® fl xible locking combination ratcheting spanner display

- FlankTraction profile 12 point
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- With fl xible locking head
- Exact gearing with 72 teeth
- 180° revolving head
- High quality finis
- Chrome vanadium



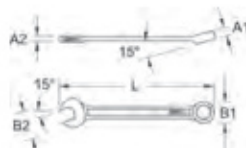
1/4" 3/8" 1/2" 5/8" 3/4"

503.4800	70 pcs	GEARplus® fl xible locking combination ratcheting spanner display	2.82		
60 x		5 x (8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm)			
5 x		1/4"; 1/4" - 3/8" - 1/2"			
5 x		5/16" - 10 mm			

COMBINATION SPANNERS, EXTRA LONG

CLASSIC combination spanner, extra long

- FlankTraction Profil
- Jaw 15° offset
- Ring head 15° offset
- Matt finis
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
517.1508	8	7.5	4.5	13.2	20.3	170.0	45
517.1509	9	8.0	4.5	14.6	22.4	180.0	55
517.1510	10	8.5	5.0	16.0	24.4	190.0	60
517.1511	11	9.0	5.5	17.2	26.4	200.0	75
517.1512	12	9.5	6.0	19.0	28.4	210.0	90
517.1513	13	10.0	6.5	20.0	30.5	225.0	108
517.1514	14	11.0	7.0	21.8	32.5	235.0	120
517.1515	15	12.0	7.5	23.0	34.5	250.0	150
517.1516	16	13.0	8.0	24.5	36.4	265.0	174
517.1517	17	14.0	8.5	26.5	38.4	280.0	206
517.1518	18	15.0	9.0	28.0	40.6	295.0	240
517.1519	19	16.0	9.5	29.5	42.6	310.0	272
517.1520	20	16.0	9.5	29.5	42.0	310.0	265
517.1521	21	17.0	10.0	33.0	46.6	340.0	370
517.1522	22	18.0	11.0	34.5	48.7	350.0	410
517.1523	23	18.0	11.5	34.0	47.0	345.0	400
517.1524	24	19.0	12.0	37.5	52.7	400.0	535
517.1525	25	19.0	12.0	37.0	52.0	395.0	510
517.1526	26	20.0	13.0	41.0	58.0	445.0	700
517.1527	27	20.0	13.0	42.0	58.9	450.0	680
517.1528	28	20.0	13.5	41.0	58.0	445.0	660
517.1530	30	21.0	14.0	47.0	64.8	480.0	870
517.1532	32	22.0	15.0	49.5	67.0	500.0	1000
517.1534	34	23.0	15.0	53.0	70.0	520.0	1100
517.1536	36	24.0	16.0	57.2	73.0	550.0	1320
517.1541	41	26.0	16.0	63.5	86.0	600.0	1700
517.1546	46	27.0	17.5	70.9	96.0	640.0	2230



CLASSIC Combination spanner set, extra long

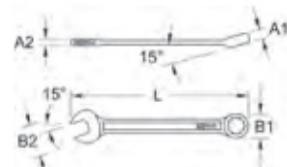
- FlankTraction profil
- Execution similar to DIN 3113
- Jaw 15° offset
- Ring head 15° offset
- Matt finis
- Chrome vanadium



517.1500	5 pcs	8 - 10 - 13 - 17 - 19 mm	0.70		
517.1505	11 pcs	12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 mm	2.67		

CHROMEplus® combination spanner, extra long

- FlankTraction profile 12 point
- Jaw 15° offset
- Ring head 15° offset
- Chrome plated and mirror polished
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
519.0650	10	6.9	5.1	15.8	22.8	189.0	53
519.0651	11	7.0	5.3	17.3	24.6	207.0	62
519.0652	12	7.8	5.6	18.8	27.2	225.0	77
519.0653	13	8.5	5.7	20.4	28.6	243.0	113
519.0654	14	9.1	6.9	21.8	31.4	261.0	128
519.0655	15	9.3	7.0	23.4	33.5	279.0	144
519.0656	16	10.0	7.3	24.8	35.3	297.0	182
519.0657	17	10.1	7.4	26.2	37.6	314.0	197
519.0658	18	11.3	7.8	27.5	39.4	333.0	223
519.0659	19	12.7	8.7	28.7	41.5	349.0	271

CHROMEplus® combination spanner set, extra long

- FlankTraction profile 12 point
- Jaw 15° offset
- Ring head 15° offset
- Chrome plated and mirror polished
- Chrome vanadium



519.0660	10 pcs	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	1.73		



OPEN ENDED SPANNERS

One handed multi function spanner

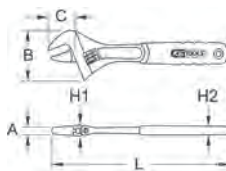
- Multi function spanner with ratchet function
- For complete screw working
- Adapts itself automatically to the screw size
- No slipping due to the coarse teeth
- Chrome vanadium



	mm	L mm	kg
114.0050	8-19	190.0	165
114.0051	14-32	300.0	515

CLASSIC Adjustable spanner

- DIN 3117 Form A
- Jaw 15° offset
- Swedish type design
- With mm scale
- With hanging hole
- Matt finish
- Chrome vanadium



	mm	mm	A mm	B mm	C mm	H1 mm	H2 mm	L mm	L mm	kg
577.0100	13	1/2"	6.4	31.0	10.9	9.5	8.9	100.0	4"	50
577.0150	18	23/32"	7.1	46.0	15.2	11.6	10.7	150.0	6"	130
577.0200	23	29/32"	8.7	57.4	20.6	14.6	11.9	200.0	8"	250
577.0250	28	1.1/8"	11.1	69.8	24.9	16.9	14.5	250.0	10"	450
577.0300	34	1.5/16"	13.5	82.3	29.0	20.5	15.2	300.0	12"	690
577.0375	43	1.11/16"	15.9	104.3	37.1	25.4	17.5	375.0	15"	1240
577.0450	53	2.1/16"	18.2	120.0	45.2	30.8	19.1	450.0	18"	2100

CLASSIC adjustable spanner set

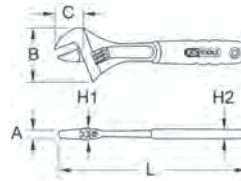
- DIN 3117 Form A
- Jaw 15° offset
- Swedish type design
- With mm scale
- With hanging hole
- Matt finish
- Chrome vanadium



			kg
577.0299	2 pcs	250 - 300 mm	1,14
577.0399	3 pcs	250 - 300 - 375 mm	2,80

CLASSIC adjustable spanner with dual component comfort grip handle

- DIN 3117 Form A
- Jaw 15° offset
- Swedish type design
- With mm scale
- With hanging hole
- Two component handle
- Phosphate finish
- Chrome vanadium



	mm	mm	A mm	B mm	C mm	H1 mm	H2 mm	L mm	L mm	kg
577.0201	23	29/32"	8.7	57.4	20.6	14.6	11.9	200.0	8"	250
577.0251	28	1.1/8"	11.1	69.8	24.9	16.9	14.5	250.0	10"	450
577.0301	34	1.5/16"	13.5	82.3	29.0	20.5	15.2	300.0	12"	690

CLASSIC adjustable spanner set with dual component comfort grip handle

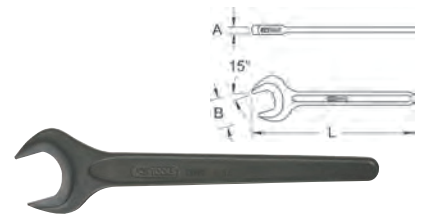
- DIN 3117 Form A
- Jaw 15° offset
- Swedish type design
- With mm scale
- With hanging hole
- Two component handle
- Phosphate finish
- Chrome vanadium



			kg
577.0199	3 pcs	200 - 250 - 300 mm	1,39

Single open ended spanner

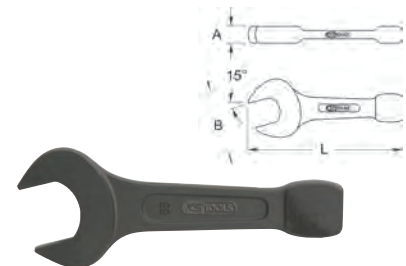
- DIN 894 / ISO 3380
- Jaw 15° offset
- For heavy duty applications
- Phosphate finish
- Tempered steel



	mm	A mm	B mm	L mm	kg
517.2506	6	3.2	15.5	75.0	0.01
517.2507	7	3.5	17.0	80.0	0.01
517.2508	8	3.5	19.0	95.0	0.02
517.2509	9	4.0	20.0	100.0	0.02
517.2510	10	4.5	22.0	105.0	0.02
517.2511	11	5.0	24.5	115.0	0.03
517.2512	12	5.0	26.5	125.0	0.04
517.2513	13	5.5	28.5	135.0	0.04
517.2514	14	5.5	30.0	140.0	0.04
517.2515	15	5.5	32.0	145.0	0.05
517.2516	16	5.5	33.0	155.0	0.05
517.2517	17	6.0	36.0	160.0	0.07
517.2518	18	6.0	36.0	160.0	0.07
517.2519	19	7.0	40.0	170.0	0.08
517.0522	22	8.0	48.0	193.0	0.17
517.0524	24	9.0	50.0	217.0	0.17
517.0527	27	9.8	56.0	239.0	0.23
517.0530	30	10.8	62.0	263.0	0.29
517.0532	32	11.8	66.0	275.0	0.35
517.0536	36	12.8	74.0	305.0	0.41
517.0538	38	12.8	74.0	305.0	0.41
517.0540	40	13.7	87.0	350.0	0.62
517.0541	41	13.8	87.0	344.0	0.62
517.0542	42	13.5	87.0	350.0	0.70
517.0546	46	19.8	94.0	380.0	0.85
517.0548	48	16.5	99.0	395.0	0.94
517.0550	50	15.8	102.0	413.0	1.02
517.0555	55	16.8	112.0	459.0	1.28
517.0560	60	17.7	122.0	494.0	1.63
517.0565	65	18.7	132.0	528.0	1.71
517.0570	70	19.7	142.0	572.0	2.50
517.0575	75	20.7	152.0	610.0	3.50
517.0580	80	21.7	162.0	645.0	3.70
517.0585	85	23.0	173.0	690.0	4.78
517.0590	90	23.0	173.0	690.0	5.45
517.0595	95	25.0	195.0	847.0	5.59
517.0596	100	25.0	195.0	847.0	5.80
517.2605	105	28.0	217.0	1000.0	8.90
517.2610	110	28.0	217.0	1000.0	9.00
517.2615	115	28.0	220.0	1000.0	9.00
517.2620	120	28.0	220.0	1000.0	9.00
517.2625	125	28.0	220.0	1000.0	8.30
517.2630	130	28.0	225.0	1000.0	8.30
517.0635	135	28.0	225.0	1000.0	8.20

Slogging open end spanner

- DIN 133
- Jaw 15° offset
- Impact area
- For heavy duty applications
- Phosphate finish
- Chrome vanadium



	mm	A mm	B mm	L mm	kg
517.2122	22	16.0	55.0	180.0	0.30
517.0124	24	16.0	55.0	180.0	0.28

	mm	A mm	B mm	L mm	Wt. g
517.0127	27	16.3	56.0	181.0	0.39
517.0130	30	16.7	62.0	188.0	0.53
517.0132	32	17.2	66.0	196.0	0.53
517.0136	36	18.2	76.0	211.0	0.76
517.0141	41	19.2	88.0	227.0	0.92
517.0146	46	19.7	98.0	256.0	1.31
517.0150	50	21.2	106.5	281.0	1.57
517.0155	55	23.6	117.0	310.0	2.31
517.0160	60	24.1	128.0	321.0	2.31
517.0165	65	27.6	139.0	351.0	3.30
517.0170	70	29.6	150.0	370.0	4.56
517.0175	75	31.0	161.5	390.0	4.46
517.0180	80	34.0	172.5	406.0	6.12
517.0185	85	34.0	172.5	406.0	5.74
517.0190	90	38.4	194.0	456.0	8.04
517.0195	95	38.4	194.0	456.0	8.16
517.0196	100	46.0	225.0	500.0	11.80
517.2105	105	46.3	225.5	500.0	11.20
517.2110	110	46.3	225.5	500.0	14.00
517.2115	115	54.2	245.5	525.0	13.80
517.2120	120	54.2	254.5	525.0	18.00
517.2125	125	50.0	255.0	545.0	17.80
517.2130	130	55.0	275.0	575.0	21.00
517.2135	135	55.0	275.0	575.0	20.40
517.2140	140	55.0	275.0	575.0	20.00
517.2145	145	60.0	305.0	640.0	28.50
517.2150	150	60.0	305.0	640.0	28.30
517.2155	155	60.0	305.0	640.0	28.00
517.2160	160	60.0	305.0	640.0	28.40
517.2165	165	70.0	342.0	715.0	42.00
517.2170	170	70.0	342.0	715.0	39.00
517.2175	175	70.0	342.0	715.0	39.00
517.2180	180	70.0	392.0	715.0	40.00
517.2185	185	70.0	392.0	715.0	39.50
517.2190	190	78.0	392.0	800.0	53.00
517.2195	195	78.0	392.0	800.0	52.00
517.2200	200	78.0	392.0	800.0	51.00
517.2205	205	78.0	392.0	800.0	51.00
517.2210	210	78.0	392.0	800.0	50.50
517.2220	220	72.0	415.0	800.0	48.00
517.2251	1.1/16"	16.3	56.0	181.0	0.30
517.2254	1.1/8"	16.3	56.0	181.0	0.35
517.2255	1.3/16"	16.7	62.0	188.0	0.40
517.2253	1.1/4"	16.7	62.0	188.0	0.53
517.2258	1.5/16"	17.2	66.0	196.0	0.65
517.2257	1.3/8"	17.2	66.0	196.0	0.76
517.2260	1.7/16"	18.2	76.0	211.0	1.25
517.2252	1.1/2"	18.2	76.0	211.0	0.35
517.2262	1.9/16"	19.2	88.0	227.0	2.05
517.2259	1.5/8"	19.2	88.0	227.0	0.95
517.2263	1.11/16"	19.2	88.0	227.0	2.45
517.2256	1.3/4"	19.2	88.0	227.0	0.48
517.2264	1.13/16"	19.7	98.0	256.0	1.31
517.2261	1.7/8"	19.7	98.0	256.0	1.60
517.2265	1.15/16"	21.2	106.5	281.0	4.25
517.2266	2"	21.2	106.5	281.0	4.88
517.2267	2.1/16"	21.2	106.5	281.0	6.10
517.2270	2.1/8"	21.2	106.5	281.0	7.60
517.2271	2.3/16"	23.6	117.0	310.0	11.50
517.2269	2.1/4"	23.6	117.0	310.0	8.25
517.2274	2.5/16"	23.6	117.0	310.0	13.80
517.2273	2.3/8"	23.6	128.0	321.0	14.00
517.2276	2.7/16"	23.6	128.0	321.0	17.80
517.2268	2.1/2"	23.6	128.0	321.0	5.90
517.2278	2.9/16"	27.6	139.0	351.0	17.80
517.2275	2.5/8"	27.6	139.0	351.0	18.00
517.2272	2.3/4"	29.6	150.0	370.0	11.20
517.2279	2.13/16"	29.6	150.0	370.0	21.00
517.2277	2.7/8"	29.6	150.0	370.0	18.00
517.2280	2.15/16"	31.0	161.5	390.0	20.40
517.2281	3"	31.0	161.5	390.0	20.00
517.2284	3.1/8"	34.0	172.5	406.0	28.00
517.2283	3.1/4"	34.0	172.5	406.0	28.30
517.2286	3.3/8"	34.0	172.5	406.0	42.00
517.2282	3.1/2"	38.4	194.0	456.0	28.50
517.2287	3.5/8"	38.4	194.0	456.0	39.00
517.2285	3.3/4"	38.4	194.0	456.0	28.40
517.2288	3.7/8"	46.3	225.5	500.0	39.00
517.2289	4"	46.3	225.5	500.0	40.00
517.2292	4.1/8"	46.3	225.5	500.0	52.00
517.2291	4.1/4"	47.0	235.0	510.0	53.00
517.2290	4.1/2"	47.0	235.0	510.0	39.50
517.2293	4.3/4"	50.0	255.0	545.0	51.00
517.2294	5"	50.0	255.0	545.0	51.00
517.2296	5.3/8"	55.0	275.0	575.0	48.00
517.2295	5.3/4"	55.0	275.0	575.0	50.50
517.2297	6"	60.0	305.0	640.0	47.50

Intermediate sizes are also available upon request.

DOUBLE OPEN ENDED SPANNERS

CLASSIC Double open ended spanners

- DIN 3110 / ISO 1085 / ISO 10102 / ISO 3318
- Jaw 15° offset
- Ground heads
- Matt finish
- Chrome vanadium



	mm	A mm	B1 mm	B2 mm	L mm	Wt. g	
517.0792		3/4x25/32"	6.8	44.9	48.4	230	
517.0793		3/4x7/8"	6.8	44.9	48.8	230	
517.0794		13/16x7/8"	6.8	44.9	48.8	230	
517.0795		15/16x1"	7.8	51.6	52.5	315	
517.0796		1x1.1/8"	8.1	55.2	61.3	405	
517.0797		1.1/16x1.1/4"	8.6	59.7	69.9	302.0	440

CLASSIC Double open ended spanner set

- DIN 3110 / ISO 1085 / ISO 10102 / ISO 3318
- Jaw 15° offset
- Ground heads
- Matt finish
- Chrome vanadium

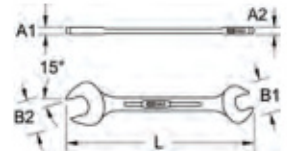


	mm	A mm	B1 mm	B2 mm	L mm	Wt. g	
517.0738	3.2x5.5	3.0	10.5	12.0	97.0	11	
517.0739	4x5	4.0	14.0	16.0	125.0	21	
517.0745	5.5x7	3.6	15.7	17.7	122.0	17	
517.0701	6x7	3.7	15.5	18.0	122.0	20	
517.0702	8x9	4.0	20.4	22.7	140.0	40	
517.0740	8x10	4.0	18.0	22.0	140.0	30	
517.0747	9x11	4.8	23.9	26.9	156.0	45	
517.0704	10x11	5.0	24.9	27.1	157.0	50	
517.0741	10x12	5.5	22.0	28.0	162.0	60	
517.0706	10x13	5.0	24.9	31.2	157.0	70	
517.0748	10x14	5.3	28.0	31.0	172.0	65	
517.0742	11x13	5.0	25.0	29.0	172.0	69	
517.0749	11x14	5.3	28.0	31.0	172.0	75	
517.0707	12x13	5.0	29.2	31.2	172.0	70	
517.0751	12x14	5.3	28.0	31.0	172.0	75	
517.0743	13x14	6.0	30.0	31.5	188.0	90	
517.0752	13x15	5.7	32.5	34.9	190.0	95	
517.0708	13x17	6.0	31.2	38.9	172.0	120	
517.0709	14x15	5.5	33.3	35.3	190.0	100	
517.0753	14x17	2.9	32.1	38.2	204.0	120	
517.0710	16x17	6.0	37.1	38.9	205.0	130	
517.0744	16x18	6.5	36.0	40.0	220.0	150	
517.0711	17x19	6.5	38.9	42.8	222.0	180	
517.0712	18x19	6.5	40.9	42.8	222.0	180	
517.0714	20x22	7.0	45.5	49.5	236.0	230	
517.0713	19x22	7.0	42.8	49.5	236.0	200	
517.0757	19x24	7.3	42.3	52.5	250.0	250	
517.0715	21x23	7.5	47.0	51.0	250.0	220	
517.0758	21x24	7.3	47.4	51.5	250.0	250	
517.0736	22x24	7.5	49.5	54.5	250.0	260	
517.0761	24x26	7.8	51.6	52.5	265.0	330	
517.0716	24x27	8.0	54.5	61.0	266.0	330	
517.0764	24x30	8.1	52.5	64.8	280.0	395	
517.0737	25x28	8.5	65.0	61.0	280.0	360	
517.0765	27x29	8.1	58.6	64.8	280.0	460	
517.0766	27x30	8.1	58.6	64.4	280.0	475	
517.0767	27x32	8.6	59.7	69.9	302.0	500	
517.0718	30x32	9.0	65.5	69.0	302.0	510	
517.0768	30x34	8.6	64.8	73.0	302.0	540	
517.0769	30x36	9.5	64.8	76.7	326.0	630	
517.0771	32x36	9.5	69.5	76.7	326.0	630	
517.0725	36x41	10.0	77.0	85.0	380.0	950	
517.0726	41x46	10.7	86.5	96.5	400.0	1220	
517.0728	46x50	11.6	97.0	103.0	420.0	1920	
517.0772	55x60	16.5	110.0	120.0	565.0	3000	
517.0781		1.4x5/16"	3.9	17.7	20.8	120.0	25
517.0782		5/16x3/8"	3.9	20.8	22.9	140.0	35
517.0783		3/8x7/16"	4.8	23.9	26.9	156.0	45
517.0784		7/16x1/2"	5.3	28.0	31.0	172.0	85
517.0785		1/2x9/16"	5.7	32.5	34.9	190.0	95
517.0786		9/16x5/8"	5.7	32.5	34.9	190.0	103
517.0787		19/32x11/16"	5.9	36.1	39.2	204.0	132
517.0788		5/8x11/16"	5.9	36.1	39.2	204.0	132
517.0789		11/16x3/4"	6.5	40.2	42.3	223.0	155
517.0791		5/8x3/4"	6.5	40.2	42.3	223.0	155

	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	Wt. g
517.0145	5 pcs	8x9 - 10x11 - 12x13 - 16x17 - 18x19 mm					0.47
517.0148	8 pcs	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm					0.81
517.0149	10 pcs	8x10 - 10x12 - 13x17 - 14x15 - 16x18 - 17x19 - 20x22 - 21x23 - 24x27 - 30x32 mm					1.95
517.0123	11 pcs	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 30x32 mm					1.60
517.0125	12 pcs	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30x32 mm					2.40

CHROMEplus® Double open ended spanner

- DIN 3110 / ISO 3318 / ISO 1085 / ISO 10102
- Jaw 15° offset
- Chrome plated and mirror polished
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	Wt. g
518.0701	6x7	4.5	4.6	14.3	16.1	125.0	27
518.0702	8x9	5.0	5.5	17.1	19.1	140.0	32
518.0704	10x11	5.7	5.9	20.5			

CHROMEplus® Double open ended spanner set

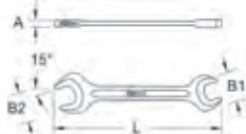
- DIN 3110 / ISO 3318 / ISO 1085 / ISO 10102
- Jaw 15° offset
- Mirror polished chrome
- Chrome vanadium



518.0747	7 pcs	8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm							1.03
518.0743	3 pcs	21x23 - 24x27 - 30x32 mm							1.42
518.3220	6 pcs	1/4"x5/16" - 3/8"x7/16" - 1/2"x9/16" - 5/8"x11/16" - 11/16"x3/4" - 3/4"x7/8"							0.80
518.3200	8 pcs	1/4"x5/16" - 3/8"x7/16" - 1/2"x9/16" - 5/8"x11/16" - 11/16"x3/4" - 3/4"x7/8" - 15/16"x1" - 1.1/8"x1.1/4"							1.90

Double open ended spanner

- DIN 895 / ISO 3318 / ISO 1085
- Jaw 15° offset
- For heavy duty applications
- Phosphate finish
- Chrome vanadium



517.1406	6x7	3.2	15.0	17.0	96.0	10			
517.1407	7x8	3.5	17.0	19.0	110.0	20			
517.1408	8x9	3.7	19.0	20.5	108.0	15			
517.2408	8x10	4.2	19.0	22.0	115.0	26			
517.1409	9x10	4.3	18.8	23.3	118.0	30			
517.2409	9x11	5.0	20.5	24.0	125.0	30			
517.1410	10x11	5.0	22.0	24.5	124.0	30			
517.2410	10x12	5.0	22.0	26.8	125.0	34			
517.1411	10x13	5.0	22.0	28.5	128.0	40			
517.2401	10x14	5.0	22.0	30.0	140.0	50			
517.2411	11x13	5.5	24.5	28.5	140.0	45			
517.1412	12x13	5.5	26.5	28.5	140.0	40			
517.2412	12x14	5.5	26.5	30.0	140.0	50			
517.1413	13x14	5.5	28.5	30.0	140.0	40			
517.2413	13x15	5.5	28.5	32.0	150.0	60			
517.1415	13x17	6.0	28.5	36.0	158.0	70			
517.1414	14x15	5.5	30.0	32.0	154.0	60			
517.2414	14x17	6.0	30.0	36.0	160.0	70			
517.1416	16x17	6.0	33.0	36.0	158.0	80			
517.1417	17x19	7.0	36.0	40.0	171.0	100			
517.2417	17x22	8.0	36.0	46.0	190.0	145			
517.1418	18x19	7.0	38.0	40.0	171.0	100			
517.1419	19x22	8.0	40.0	46.0	195.0	135			
517.2419	19x24	9.0	40.0	50.0	215.0	140			
517.1420	20x22	8.0	42.5	46.0	195.0	135			
517.2421	21x23	9.0	44.0	49.0	215.0	180			
517.1422	22x24	9.0	46.0	50.0	221.0	180			
517.2422	22x27	10.0	46.0	56.0	235.0	230			
517.1423	24x27	9.8	50.0	56.0	246.0	270			
517.1425	25x28	9.8	53.0	58.0	246.0	330			
517.1426	27x30	10.8	56.0	62.0	275.0	400			
517.2427	27x32	12.0	56.0	66.0	270.0	370			
517.1430	30x32	11.8	62.0	66.0	278.0	400			
517.2430	30x36	13.0	62.0	74.0	305.0	500			

517.1432	32x36	12.8	66.0	74.0	310.0	520			
517.1436	36x41	13.8	74.0	84.0	347.0	680			
517.1441	41x46	14.8	84.0	94.0	383.0	950			
517.1446	46x50	15.8	94.0	102.0	420.0	1200			
517.1450	50x55	16.5	102.0	112.0	450.0	1400			
517.1455	55x60	18.0	112.0	122.0	480.0	1900			
517.1465	65x70	20.0	132.0	142.0	580.0	2310			
517.1475	75x80	21.0	152.0	162.0	665.0	4480			

Double open ended spanner set

- DIN 895 / ISO 3318 / ISO 1085
- Jaw 15° offset
- For heavy duty applications
- Phosphate finish
- Chrome vanadium

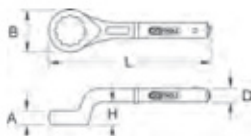


517.1490	8 pcs	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm							0.57
517.1491	10 pcs	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 24x27 - 30x32 mm							1.41

SINGLE RING ENDED SPANNER

CLASSIC offset single ring spanner

- FlankTraction Profil
- Ring head 75° offset
- With shaft for snap-on handle
- With locking pin
- Heavy duty to deliver maximum torque
- Matt finish
- Chrome vanadium



517.9022	22	17.0	38.0	18.3	29.0	180.0	0.37		
517.9024	24	17.0	38.0	19.0	29.5	180.0	0.35		
517.9027	27	17.0	42.0	19.0	31.5	190.0	0.40		
517.9030	30	18.0	48.0	19.0	33.5	195.0	0.45		
517.9032	32	18.0	49.0	21.8	34.0	200.0	0.55		
517.9036	36	18.0	49.0	21.8	34.0	200.0	0.65		
517.9041	41	20.0	54.0	21.8	35.5	205.0	0.75		
517.9046	46	22.0	62.0	25.0	39.5	265.0	1.05		
517.9050	50	23.0	69.0	25.0	40.0	280.0	1.15		
517.9055	55	25.5	76.0	25.0	42.5	290.0	1.40		
517.9060	60	28.0	81.0	30.0	45.5	300.0	2.10		

517.9065	65	30.5	90.0	30.0	49.0	345.0	2.30		
517.9070	70	33.0	98.0	30.0	53.0	355.0	2.60		
517.9075	75	35.5	105.0	30.0	55.0	365.0	3.00		
517.9080	80	38.0	110.0	30.0	57.5	375.0	3.45		
517.9085	85	40.5	125.0	30.0	59.0	385.0	3.80		
517.9090	90	45.0	140.0	30.0	63.0	410.0	4.88		
517.9095	95	45.0	140.0	30.0	63.0	410.0	5.67		
517.9100	100	47.0	140.0	30.0	63.0	412.0	6.66		
517.9105	105	47.0	143.0	30.0	63.0	415.0	7.50		
517.9111	1"	17.0	38.0	18.3	29.0	180.0	0.37		
517.9112	1.1/16"	17.0	38.0	18.3	31.5	185.0	0.41		
517.9115	1.1/8"	17.0	38.0	18.3	33.0	185.0	0.41		
517.9116	1.3/16"	18.0	48.0	18.3	33.0	195.0	0.49		
517.9114	1.1/4"	18.0	49.0	21.3	34.0	230.0	0.72		
517.9119	1.5/16"	20.0	54.0	21.3	34.0	240.0	0.72		
517.9118	1.3/8"	20.0	54.0	21.3	35.0	240.0	0.84		
517.9121	1.7/16"	20.0	54.0	21.3	35.0	250.0	0.84		
517.9113	1.1/2"	20.0	54.0	21.3	39.0	240.0	0.84		
517.9123	1.9/16"	23.0	69.0	21.3	39.0	250.0	0.94		
517.9120	1.5/8"	23.0	69.0	21.3	39.0	250.0	0.94		
517.9124	1.11/16"	23.0	69.0	21.3	39.0	250.0	0.94		
517.9117	1.3/4"	22.0	62.0	21.4	40.0	250.0	0.94		
517.9125	1.13/16"	23.0	69.0	24.1	40.0	260.0	1.30		
517.9122	1.7/8"	23.0	69.0	24.1	40.0	260.0	1.30		
517.9126	2"	28.0	81.0	24.1	42.0	270.0	1.45		
517.9127	2.1/16"	28.0	81.0	24.1	42.0	270.0	1.45		
517.9130	2.1/8"	28.0	81.0	24.1	45.0	270.0	1.45		
517.9131	2.3/16"	28.0	81.0	24.1	45.0	270.0	1.50		
517.9129	2.1/4"	28.0	81.0	24.1	45.0	270.0	1.50		
517.9134	2.5/16"	30.5	90.0	29.1	49.0	325.0	2.40		
517.9133	2.3/8"	30.5	90.0	29.1	49.0	325.0	2.40		
517.9135	2.7/16"	30.5	90.0	29.1	49.0	345.0	2.60		
517.9128	2.1/2"	30.5	90.0	29.1	53.0	325.0	2.40		
517.9136	2.9/16"	30.5	90.0	29.1	53.0	345.0	2.60		
517.9132	2.3/4"	30.5	90.0	29.1	55.0	345.0	2.80		
517.9137	2.13/16"	38.0	110.0	29.1	55.0	375.0	3.00		
517.9138	2.15/16"	38.0	110.0	29.1	57.5	375.0	3.00		
517.9139	3"	38.0	110.0	29.1	57.5	375.0	3.00		
517.9142	3.1/8"	40.5	125.0	29.1	59.0	385.0	4.10		
517.9141	3.1/4"	40.5	125.0	29.1	59.0	385.0	4.10		
517.9144	3.3/8"	40.5	125.0	29.1	59.0	385.0	4.10		
517.9140	3.1/2"	40.5	125.0	29.1	63.0	385.0	4.10		
517.9145	3.5/8"	45.0	140.0	29.1	63.0	410.0	4.95		
517.9143	3.3/4"	45.0	140.0	29.1	63.0	410.0	4.95		
517.9146	3.7/8"	45.0	140.0	29.1	63.0	410.0	4.95		
517.9147	4"	45.0	140.0	29.1	63.0	412.0	4.95		
517.9148	4.1/8"	45.0	140.0	29.1	63.0	415.0	4.95		



Snap-on handle for single ring spanner

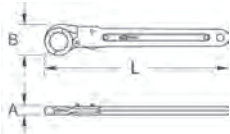
- Four different sizes
- Matt finish
- Chrome vanadium



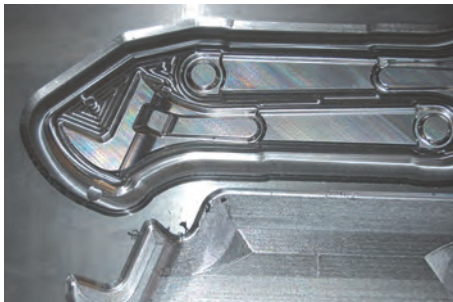
517.9001	24 - 30	19.0	460.0	1	0.75		
517.9002	32 - 41	22.0	610.0	2	1.25		
517.9003	46 - 55	25.0	760.0	3	2.30		
517.9004	60 - 105	30.0	860.0	4	2.80		

Ratchet ring spanner, clamp head

- 12 point
- Straight form
- Hanging hole
- From 27 mm with rubber handle
- Chrome plated handle
- Head phosphate finis
- Chrome vanadium



	mm	A mm	B mm	L mm	kg
500.5007	7	7.0	21.0	137.0	81
500.5008	8	7.0	21.0	137.0	83
500.5009	9	7.0	22.0	137.0	83
500.5010	10	7.0	22.0	137.0	82
500.5011	11	7.0	24.0	139.0	85
500.5012	12	7.0	28.0	140.0	88
500.5013	13	7.0	28.0	140.0	88
500.5014	14	7.0	28.0	140.0	88
500.5016	16	9.5	30.0	187.0	145
500.5017	17	9.5	31.0	187.0	145
500.5018	18	10.0	34.0	190.0	150
500.5019	19	10.0	36.0	190.0	157
500.5022	22	13.0	40.0	234.0	293
500.5024	24	13.0	43.0	234.0	299
500.5027	27	13.0	47.0	240.0	313
500.5030	30	16.0	56.0	325.0	610
500.5032	32	16.0	59.0	325.0	615



Ratchet ring spanner set, clamp head

- 12 point
- Straight form
- Hanging hole
- From 27 mm with rubber handle
- Chrome plated handle
- Head phosphate finis
- Chrome vanadium

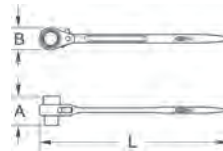


	mm	kg
500.5606	6 pcs 10 - 11 - 13 - 17 - 19 - 22 mm	980



Scaffold spanner, reversing

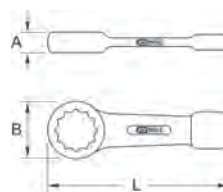
- FlankTraction profile 12 point
- Exact gearing with 32 teeth
- Centering pin at the handle end
- Extremely substantial
- Reversible
- Phosphate finis
- Chrome vanadium



	mm	A mm	B mm	L mm	kg
522.1013	10x13	36.5	31.0	240.0	200
522.1317	13x17	44.2	34.0	280.0	270
522.1618	16x18	49.0	42.1	315.0	450
522.1719	17x19	49.3	42.3	315.0	450
522.1922	19x22	49.5	42.3	315.0	450
522.1924	19x24	54.0	51.3	360.0	750
522.2427	24x27	54.0	51.6	360.0	750
522.2430	24x30	62.2	64.5	450.0	1280
522.3036	30x36	67.0	65.2	450.0	1300
522.3236	32x36	67.1	65.4	450.0	1300

Slogging ring spanner

- FlankTraction profile 12 point
- DIN 7444
- Impact area
- For heavy duty applications
- Phosphate finis
- Chrome vanadium



	mm	kg	A mm	B mm	L mm	kg
517.0922	22		15.0	43.0	165.0	0.22
517.0924	24		15.0	42.5	160.0	0.26
517.0927	27		15.5	47.0	180.0	0.33
517.0930	30		16.5	51.5	190.0	0.39
517.0932	32		16.5	54.0	195.0	0.53
517.0936	36		19.5	60.0	205.0	0.67
517.0941	41		20.5	66.0	225.0	0.79
517.0946	46		22.5	75.0	240.0	1.00
517.0950	50		23.5	80.0	250.0	1.09
517.0955	55		25.0	87.5	270.0	1.45
517.0960	60		28.0	93.5	290.0	1.58
517.0965	65		29.0	101.0	270.0	2.58
517.0970	70		32.5	109.5	320.0	2.58
517.0975	75		34.0	114.5	325.0	3.01

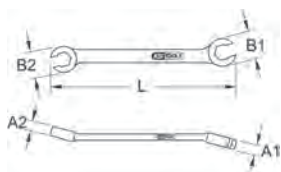
	mm	kg	A mm	B mm	L mm	kg
517.0980	80		35.0	123.0	345.0	3.52
517.0985	85		37.0	129.0	360.0	3.90
517.0990	90		41.5	152.0	400.0	6.37
517.0995	95		41.5	152.0	400.0	6.29
517.0996	100		41.5	152.0	400.0	6.03
517.1905	105		47.5	172.0	435.0	8.66
517.1910	110		47.5	172.0	435.0	8.44
517.1915	115		47.5	172.0	435.0	8.16
517.1920	120		54.0	182.0	480.0	9.86
517.1925	125		54.0	182.0	480.0	9.67
517.1930	130		58.0	202.0	520.0	12.30
517.1935	135		58.0	202.0	520.0	11.79
517.1940	140		58.0	202.0	520.0	11.96
517.1945	145		64.0	228.0	580.0	18.55
517.1950	150		64.0	228.0	580.0	17.98
517.1955	155		64.0	228.0	580.0	16.94
517.1960	160		64.0	228.0	580.0	17.89
517.1965	165		70.0	265.0	650.0	26.66
517.1970	170		70.0	265.0	650.0	26.31
517.1975	175		70.0	265.0	650.0	25.92
517.1980	180		70.0	265.0	650.0	24.60
517.1985	185		75.0	290.0	700.0	33.00
517.1990	190		75.0	290.0	700.0	32.60
517.1995	195		75.0	290.0	700.0	31.80
517.2900	200		75.0	290.0	700.0	32.00
517.2905	205		80.0	320.0	750.0	40.50
517.2910	210		80.0	320.0	750.0	39.50
517.2915	215		80.0	320.0	750.0	39.00
517.2920	220		80.0	320.0	750.0	37.40
517.2930	230		80.0	320.0	750.0	35.40
517.2951	1.1/16"		15.5	47.0	180.0	0.33
517.2954	1.1/8"		15.5	47.0	180.0	0.32
517.2955	1.3/16"		16.5	51.5	190.0	0.39
517.2953	1.1/4"		16.5	51.5	190.0	0.39
517.2958	1.5/16"		16.5	53.0	195.0	0.42
517.2957	1.3/8"		16.5	53.0	195.0	0.41
517.2960	1.7/16"		19.5	60.0	205.0	0.66
517.2952	1.1/2"		19.5	60.0	205.0	0.64
517.2962	1.9/16"		20.5	66.0	225.0	0.70
517.2959	1.5/8"		20.5	66.0	225.0	0.82
517.2963	1.11/16"		20.5	66.0	225.0	0.77
517.2956	1.3/4"		20.5	66.0	225.0	0.77
517.2964	1.13/16"		22.5	75.0	240.0	0.98
517.2961	1.7/8"		22.5	75.0	240.0	0.99
517.2965	1.15/16"		23.5	80.0	250.0	1.10
517.2966	2"		23.5	80.0	250.0	1.09
517.2967	2.1/16"		23.5	80.0	250.0	1.08
517.2970	2.1/8"		23.5	80.0	250.0	1.04
517.2971	2.3/16"		25.0	87.5	270.0	1.43
517.2969	2.1/4"		25.0	87.5	270.0	1.40
517.2974	2.5/16"		26.0	93.5	270.0	1.64
517.2973	2.3/8"		26.0	93.5	270.0	1.62
517.2976	2.7/16"		26.0	93.5	270.0	1.53
517.2968	2.1/2"		29.0	101.0	290.0	1.64
517.2978	2.9/16"		29.0	101.0	290.0	2.08
517.2975	2.5/8"		29.0	101.0	290.0	2.04
517.2972	2.3/4"		32.5	109.5	320.0	2.55
517.2979	2.13/16"		32.5	109.5	320.0	2.95
517.2977	2.7/8"		32.5	109.5	320.0	2.95
517.2980	2.15/16"		34.0	114.5	325.0	2.80
517.2981	3"		34.0	114.5	325.0	3.01
517.2984	3.1/8"		35.0	123.0	345.0	3.37
517.2983	3.1/4"		36.0	126.0	360.0	4.00
517.2986	3.3/8"		36.0	126.0	360.0	3.79
517.2982	3.1/2"		40.0	142.0	390.0	5.13
517.2987	3.5/8"		40.0	142.0	390.0	5.30
517.2985	3.3/4"		41.5	152.0	400.0	6.13
517.2988	3.7/8"		45.0	155.0	420.0	6.15
517.2989	4"		45.0	155.0	420.0	6.43
517.2992	4.1/8"		45.0	155.0	420.0	6.21
517.2991	4.1/4"		48.0	170.0	450.0	8.30
517.2990	4.1/2"		48.0	170.0	450.0	7.48
517.2993	4.3/4"		54.0	182.0	480.0	9.90
517.2994	5"		54.0	182.0	480.0	9.50
517.2995	5.1/8"		58.0	202.0	520.0	12.70
517.2997	5.3/8"		58.0	202.0	520.0	12.70
517.2996	5.3/4"		64.0	228.0	580.0	19.30
517.2998	6"		64.0	228.0	580.0	19.30

Intermediate sizes are also available upon request.

OPEN DOUBLE RING SPANNERS

CLASSIC Open double ring spanner, offset

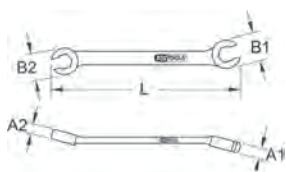
- 6 point
- DIN 3118
- Jaw 15° offset
- Opening 15° cranked
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	G
517.0252	8x10	6.6	6.7	17.6	19.8	143.0	45
517.0253	9x11	7.6	7.4	21.3	22.9	152.0	50
517.0254	10x11	7.6	7.4	21.3	22.9	152.0	60
517.0255	10x12	7.6	7.4	21.3	22.9	152.0	80
517.0257	12x13	8.8	9.0	23.1	23.8	156.0	100
517.0258	12x14	10.0	9.9	25.3	27.6	178.0	110
517.0260	14x15	11.4	11.5	30.0	32.1	196.0	120
517.0261	14x17	11.4	11.5	30.0	32.1	196.0	140
517.0263	16x18	11.4	11.5	30.0	32.1	196.0	160
517.0264	17x19	11.4	11.5	30.0	32.1	196.0	180
517.0265	19x21	13.5	13.1	34.1	37.6	207.0	240
517.0266	19x22	13.5	13.1	34.1	37.6	207.0	240
517.0267	22x24	13.5	17.0	37.6	46.0	252.0	320
517.0268	24x27	17.0	16.2	46.0	42.3	264.0	430
517.0269	30x32	22.4	20.4	46.3	44.8	283.0	700

CHROMEplus® Open double ring spanner, offset

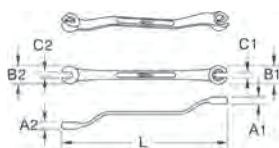
- 6 point
- DIN 3118
- Jaw 15° offset
- Opening 15° cranked
- Chrome plated and mirror polished
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	G
518.0511	6x8	6.6	6.7	17.6	19.8	143.0	50
518.0512	8x12	6.7	7.4	19.8	21.3	147.0	50
518.0513	9x11	7.6	7.4	21.3	22.9	152.0	60
518.0523	10x11	7.6	7.4	21.3	22.9	152.0	60
518.0514	10x12	7.6	7.4	21.3	22.9	152.0	60
518.0524	12x13	8.8	9.0	23.1	23.8	156.0	80
518.0515	13x14	10.0	9.9	25.3	27.6	178.0	120
518.0525	14x15	11.4	11.5	30.0	30.0	196.0	170
518.0526	14x17	11.4	11.5	30.0	30.0	196.0	170
518.0516	15x17	11.4	11.5	30.0	30.0	196.0	170
518.0517	16x18	11.4	11.5	30.0	30.0	196.0	170
518.0518	17x19	11.4	11.5	30.0	30.0	196.0	170
518.0519	19x21	13.5	13.1	34.1	34.1	207.0	220
518.0520	19x22	13.5	13.1	34.1	34.1	207.0	220
518.0521	24x27	17.0	16.2	46.0	46.0	264.0	360
518.0522	30x32	22.4	20.4	46.3	46.3	283.0	480
518.0501	1/4"x5/16"	6.6	6.7	17.6	19.8	143.0	50
518.0503	3/8"x7/16"	7.6	7.4	21.3	22.9	152.0	60
518.0506	7/16"x1/2"	8.8	9.0	23.1	23.8	158.0	80
518.0504	1/2"x9/16"	10.0	9.9	25.3	27.6	178.0	120
518.0505	5/8"x11/16"	11.4	11.5	30.0	32.1	196.0	170
518.0507	3/4"x7/8"	13.5	13.1	34.1	37.6	207.0	220

CHROMEplus® Open double ring spanner set, offset

- 6 point
- Ring head 30° offset
- Spanner has double sized head
- Heavy duty head
- For brake pipe couplers
- No slippage
- Chrome plated and mirror polished
- Chrome vanadium

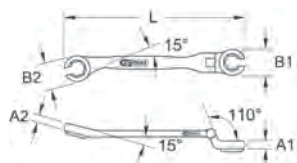


	mm	A1 mm	A2 mm	B1 mm	B2 mm	C1 mm	C2 mm	L mm	G
517.0270	10x11	10.5	11.2	17.8	20.0	6.0	6.1	175.0	80

OPEN DOUBLE RING SPANNERS WITH FLEXIBLE JOINT

CHROMEplus® open double ring spanner, with flexible joint

- 6 point
- Ring head 15° offset
- Opening 15° cranked
- With flexible head
- Chrome plated and mirror polished
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	G
518.0378	8	7.0	7.0	18.0	18.0	128.0	50
518.0379	9	7.0	7.0	18.0	18.0	128.0	50
518.0380	10	7.0	7.0	18.0	18.0	128.0	50
518.0381	11	9.0	9.0	22.0	22.0	148.0	120
518.0382	12	9.0	9.0	22.0	22.0	148.0	120
518.0383	13	11.0	11.0	26.0	26.0	175.0	140
518.0384	14	11.0	11.0	26.0	26.0	175.0	140
518.0387	17	13.0	13.0	32.0	32.0	190.0	200
518.0389	19	13.0	13.0	32.0	32.0	190.0	200

CHROMEplus® open double ring spanner set, with flexible joint

- 6 point
- Ring head 15° offset
- Opening 15° cranked
- With flexible head
- Chrome plated and mirror polished
- Chrome vanadium

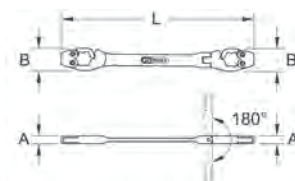


	mm	G
518.0350	3 pcs 10 - 11 - 12 mm	220
518.0360	5 pcs 8 - 9 - 10 - 11 - 12 mm	345
518.0370	3 pcs 14 - 17 - 19 mm	610

OPEN RATCHET DOUBLE RING SPANNER SET WITH FLEXIBLE JOINT

CHROMEplus® ratchet spanner with revolving head

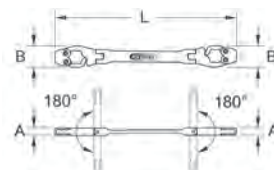
- 6 point
- Straight form
- 180° revolving head
- With ratchet function
- Suitable for force fit applications
- Chrome plated and mirror polished
- Chrome vanadium



	mm	A mm	B mm	L mm	G
518.0321	11	10.3	19.0	155.0	115

CHROMEplus® ratchet spanner with revolving head

- 6 point
- Straight form
- 180° revolving head
- Ratchet function
- Suitable for force fit applications
- Chrome plated and mirror polished
- Chrome vanadium



	mm	A mm	B mm	L mm	G
518.0332	8x9	8.5	14.8	123.0	56
518.0334	10x11	10.0	18.4	156.0	116
518.0336	12x13	11.2	21.1	179.0	170
518.0338	14x15	12.1	24.6	208.0	240

CHROMEplus® ratchet spanner set with revolving head

- 6 point
- Straight form
- 180° revolving head
- Ratchet function
- Suitable for force fit applications
- Chrome plated and mirror polished
- Chrome vanadium



	mm	G
518.0330	4 pcs 8x9 - 10x11 - 12x13 - 14x15 mm	600

DOUBLE RING SPANNERS

CHROMEplus® Starter and block spanner

- FlankTraction profile (12 point)
- Especially suitable for narrow hard to access areas
- Chrome plated and mirror polished
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
518.0852	10x12	6.5	6.6	15.6	17.9	142.0	57
518.0853	11x13	8.0	8.2	17.9	20.7	164.0	90
518.0856	14x17	8.2	9.2	21.4	25.1	190.0	133
518.0857	16x18	8.8	9.6	24.8	27.7	216.0	166
518.0859	19x22	10.0	11.1	27.6	33.0	255.0	244

CHROMEplus® half moon - and manifold spanner set

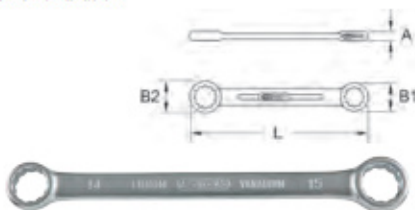
- FlankTraction profil
- Especially suitable for narrow hard to access areas
- Chrome plated and mirror polished
- Chrome vanadium



	mm	kg
518.0850	5 pcs 10x12 - 11x13 - 14x17 - 16x18 - 19x22 mm	890

ULTIMATEplus double ring ended spanner

- FlankTraction profile (12 point)
- In accordance to DIN / ISO
- Straight form
- Matt finish
- Chrome vanadium



	mm	A mm	B1 mm	B2 mm	L mm	kg
920.0406	6x7	4.5	10.0	11.5	99.0	10
920.0408	8x9	5.2	13.0	11.5	114.0	15
920.0410	10x11	5.8	16.0	17.0	131.0	28
920.0412	12x13	6.4	19.0	20.5	149.0	35
920.0414	14x15	7.2	21.5	23.0	161.0	50
920.0416	16x17	7.8	24.5	25.5	169.0	65
920.0417	17x19	8.5	25.5	28.0	186.0	80
920.0418	18x19	8.5	27.0	28.0	186.0	80
920.0419	19x22	9.4	28.0	32.5	209.0	115
920.0420	20x22	9.4	29.5	32.5	209.0	120
920.0421	21x23	10.0	30.5	33.5	233.0	145
920.0422	22x24	10.0	32.5	35.5	233.0	150
920.0424	24x26	10.8	35.5	38.0	261.0	190
920.0425	24x27	10.8	35.5	39.0	260.0	200
920.0426	25x28	11.6	36.5	41.0	289.0	240
920.0427	27x32	12.6	39.0	46.0	320.0	320
920.0430	30x32	12.6	43.5	46.0	320.0	340

ULTIMATEplus straight double open ended spanner set

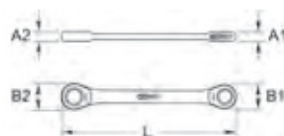
- FlankTraction profile (12 point)
- In accordance to DIN / ISO
- Straight form
- Matt finish
- Chrome vanadium



	pcs	mm	kg
920.0448	8 pcs	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	0.66
920.0450	12 pcs	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30x32 mm	1.69

GEARplus® Double ratchet ring spanner

- FlankTraction profile (12 point)
- In accordance to DIN 3110 / ISO 3318
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
503.4502	8x9	6.5	6.9	16.8	20.2	128.0	60
503.4511	8x10	7.3	6.5	20.0	17.0	128.0	40
503.4503	10x11	7.3	7.7	20.2	20.2	150.0	80
503.4512	10x13	7.3	8.6	20.2	20.2	150.0	80
503.4504	12x13	8.2	8.6	23.0	23.0	170.0	100
503.4505	14x15	9.0	9.4	26.5	26.5	190.0	140
503.4506	16x18	9.9	10.7	29.5	29.5	210.0	180
503.4507	17x19	10.3	11.2	31.5	31.5	230.0	220
503.4402	5/16"x3/8"	6.5	7.3	16.8	20.2	128.0	40
503.4403	7/16"x1/2"	7.7	8.6	23.0	24.8	170.0	80
503.4404	9/16"x5/8"	9.0	9.9	26.5	29.5	190.0	125
503.4405	11/16"x3/4"	10.3	11.2	31.5	33.5	230.0	200

GEARplus® double etchet ring spanner set

- FlankTraction profile (12 point)
- In accordance to DIN 3310 / ISO 3318
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium



	pcs	mm	kg
503.4552	2 pcs	10x13 - 17x19 mm	335

GEARplus® double etchet ring spanner set

- FlankTraction profile (12 point)
- In accordance to DIN 3310 / ISO 3318
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium
- Supplied in a leather pouch



	pcs	mm	kg
503.4557	6 pcs	8x9 - 10x11 - 12x13 - 14x15 - 16x18 - 17x19 mm	900



GEARplus® double etchet ring spanner set

- FlankTraction profile (12 point)
- In accordance to DIN 3310 / ISO 3318
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic storage case



	pcs	mm	kg
503.4556	6 pcs	GEARplus® double etchet ring spanner set	790
6 x		8x9 - 10x11 - 12x13 - 14x15 - 16x18 - 17x19 mm	

GEARplus® doubleatchet ring spanner set

- FlankTraction profile (12 point)
- In accordance to DIN 3310 / ISO 3318
- Straight form
- Exact gearing with 72 teeth
- Square drive adaptor to DIN 3120- ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic storage case



1/4" 3/8" 1/2"

		1.20	
503.4560	10 pcs	GEARplus® doubleatchet ring spanner set	
6 x		8x9 - 10x11 - 12x13 - 14x15 - 16x18	17x19 mm
1 x		1/4"	
3 x		1/4" - 3/8" - 1/2"	

4 in 1 GEARplus® reversing double ratchet ring spanner

- FlankTraction profile (12 point)
- In accordance to DIN 3110 / ISO 3318
- Straight form
- Exact gearing with 72 teeth
- Four different sizes on each spanner
- With reverse lever
- High quality finis
- Chrome vanadium

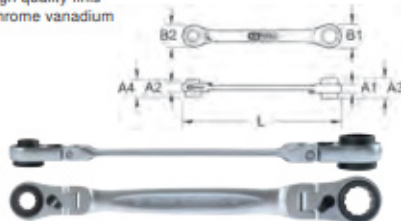


mm	A1 mm	A2 mm	A3 mm	B1 mm	B2 mm	L mm	U		
503.4541	8x11-9x10	7.7	7.3	14.6	13.8	21.8	20.0	150.0	68
503.4656	8x10-12x13	8.6	7.3	16.8	13.8	24.8	16.8	150.0	86
503.4543	12x15-13x14	9.4	9.0	18.0	17.1	29.5	18.0	190.0	147
503.4565	10x19-13x17	11.2	9.0	21.9	17.1	33.6	21.9	190.0	196
503.4546	16x19-17x18	11.2	10.3	21.9	20.2	33.5	21.9	230.0	244
503.4657	14x17-18x19	11.2	10.3	21.9	19.3	33.5	21.9	230.0	245
503.4553	21x27-22x24	16.0	13.0	30.0	26.0	52.0	40.0	275.0	610
503.4554	30x36-32x34	18.0	18.0	36.0	35.0	65.0	62.0	360.0	1400

mm	A1 mm	A2 mm	A3 mm	B1 mm	B2 mm	L mm	U		
503.4586	5/16"x1/2"-3/8"x7/16"	8.6	7.3	16.8	13.8	24.8	20.2	150.0	91
503.4589	9/16"x3/4"-5/8"x11/16"	11.2	10.3	21.9	19.3	33.5	31.5	230.0	238

4 in 1 GEARplus® fl xible reversing double ratchet ring spanner

- FlankTraction profile (12 point)
- In accordance to DIN 3110 / ISO 3318
- Straight form
- Exact gearing with 72 teeth
- With fl xible head
- Four different sizes on each spanner
- With reverse lever
- High quality finis
- Chrome vanadium



mm	A1 mm	A2 mm	A3 mm	B1 mm	B2 mm	L mm	U		
503.4745	10x13-17x19	11.2	9.0	22.0	17.1	33.7	27.0	253.0	196

4 in 1 GEARplus® reversing double ratchet ring spanner

- FlankTraction profile (12 point)
- Straight form
- Exact gearing with 72 teeth
- Four different sizes on each spanner
- With reverse lever
- High quality finis
- Chrome vanadium



		0.34	
503.4655	2 pcs	8x10 - 12x13 - 14x17 - 18x19 mm	
503.4550	2 pcs	21x27 - 22x24 - 30x36 - 32x34 mm	
503.4540	3 pcs	8x11 - 9x10 - 12x15 - 13x14 - 16x19 - 17x18 mm	

OPEN DOUBLE RING SPANNERS, EXTRA LONG

CHROMEplus® double ring spanner set, extra long

- FlankTraction profile (12 point)
- Thin walled
- Mirror polished chrome
- Chrome molybdenum



mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	U	
518.0821	8x10	7.5	8.4	12.5	15.0	235.0	72
518.0822	10x11	8.5	9.5	14.3	17.0	291.0	95
518.0823	12x14	10.4	11.3	17.8	20.3	328.0	157
518.0824	13x15	11.5	13.2	20.2	23.3	386.0	217
518.0825	16x18	13.0	14.8	23.7	26.6	407.0	284
518.0826	17x19	13.0	14.8	23.7	26.6	407.0	284
518.0827	20x21	13.5	15.2	27.5	29.7	415.0	376
518.0828	22x24	15.4	17.7	31.3	34.0	430.0	482

CHROMEplus® double ring spanner set, extra long

- FlankTraction profile (12 point)
- Thin walled
- Chrome plated and mirror polished
- Chrome molybdenum



		2.06	
518.0800	6 pcs	10x11 - 12x14 - 13x15 - 16x18 - 17x19 - 22x24 mm	

OPEN DOUBLE RING SPANNERS, OFFSET

CLASSIC Double ring spanner, offset

- FlankTraction Profil
- DIN 838 / ISO 1085 / ISO 10104 / ISO 3318
- Ring head 75° offset
- Thin walled
- Polished heads
- Matt finis
- Chrome vanadium



mm	A1 mm	A2 mm	B1 mm	B2 mm	U	
517.0836	5,5x7	6.4	5.9	12.0	10.5	0.04
517.0801	6x7	5.2	5.6	10.3	11.8	0.05
517.0802	8x9	6.3	6.4	12.9	14.2	0.07
517.0837	8x10	7.7	6.8	16.6	13.6	0.06
517.0838	9x10	7.7	7.3	16.6	15.0	0.08
517.0839	9x11	8.2	7.3	18.1	15.1	0.06
517.0804	10x11	7.2	7.5	16.0	16.9	0.09
517.0841	10x12	9.2	7.7	21.2	16.7	0.08
517.0806	10x13	7.2	9.0	16.0	20.0	0.12
517.0843	10x14	9.6	7.7	22.6	16.7	0.12
517.0842	11x13	9.2	8.7	21.2	20.0	0.12
517.0844	11x14	9.6	8.7	22.6	20.0	0.12
517.0807	12x13	8.2	9.0	18.5	20.0	0.12
517.0845	12x14	9.6	8.7	22.6	20.0	0.12
517.0846	13x14	9.6	9.2	24.0	21.1	0.12
517.0847	13x15	9.6	9.2	24.0	21.1	0.12
517.0808	13x17	9.0	11.0	20.0	25.2	0.17
517.0809	14x15	9.5	10.0	21.5	22.9	0.15
517.0835	14x17	9.5	11.0	21.5	25.2	0.18
517.0810	16x17	10.3	11.0	24.7	25.2	0.20
517.0848	16x18	11.1	10.5	28.0	25.7	0.20
517.0811	17x19	11.0	11.2	25.2	28.0	0.23
517.0812	18x19	10.6	11.2	26.1	28.0	0.23
517.0814	19x22	11.2	12.5	28.0	32.2	0.30
517.0852	19x24	13.2	19.2	37.3	29.8	0.33
517.0813	20x22	11.7	12.5	30.5	32.2	0.30
517.0815	21x23	12.2	12.5	30.7	33.8	0.32
517.0853	21x24	13.2	12.2	37.3	32.7	0.34
517.0854	22x24	13.2	12.5	37.3	34.3	0.34
517.0856	24x26	14.3	13.2	41.0	37.3	0.42
517.0816	24x27	12.7	13.7	36.0	40.0	0.43
517.0817	24x30	12.7	14.5	36.0	42.5	0.55
517.0857	25x28	14.7	13.6	43.3	37.3	0.46
517.0858	27x29	15.1	14.3	45.4	39.5	0.46
517.0859	27x30	15.1	14.3	45.4	40.8	0.47
517.0819	27x32	13.7	15.1	40.0	46.0	0.64
517.0818	30x32	14.5	15.1	42.5	46.0	0.59
517.0861	30x34	15.0	17.0	45.0	53.0	0.76
517.0862	30x36	15.0	17.0	45.0	53.0	0.74
517.0821	32x36	15.1	17.0	46.0	52.0	0.88
517.0825	36x41	17.7	19.7	53.2	61.1	1.10
517.0826	41x46	20.4	22.2	62.0	75.5	1.60
517.0827	46x50	22.2	23.6	68.9	91.8	2.15
517.0863	55x60	25.0	26.0	86.0	94.0	3.20
517.0864	65x70	27.0	28.0	103.0	110.0	4.70
517.0865	75x80	29.0	30.0	121.0	127.0	7.40
517.0866	85x90	29.0	30.0	121.0	127.0	7.20
517.0881	1/4x5/16"	8.3	6.4	13.5	12.1	0.06
517.0882	5/16x3/8"	7.3	6.8	15.1	12.1	0.06
517.0883	3/8x7/16"	8.2	7.7	18.1	16.6	0.06
517.0884	7/16x1/2"	9.2	8.7	21.2	20.0	0.10
517.0885	1/2x9/16"	9.6	9.2	24.0	21.1	0.12
517.0886	9/16x19/32"	10.1	9.6	25.0	22.4	0.14
517.0887	9/16x5/8"	10.8	10.5	27.5	25.7	0.18
517.0888	19/32x11/16"	10.8	10.5	27.5	25.7	0.20
517.0889	11/16x3/4"	11.4	11.1	30.0	28.0	0.24

	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	Wt. kg
517.0891	5/8x3/4"	11.4	10.5	30.0	25.7	0.24	
517.0892	3/4x25/32"	11.8	11.4	32.2	30.0	0.24	
517.0893	3/4x7/8"	12.5	11.4	34.3	39.8	0.28	
517.0894	13/16x7/8"	12.5	11.8	34.3	32.0	0.28	
517.0895	15/16x1"	14.3	13.2	41.0	37.3	0.44	
517.0896	1.1/16x1.1/4"	15.5	13.2	45.9	37.3	0.60	

CLASSIC Double ring spanner set, offset

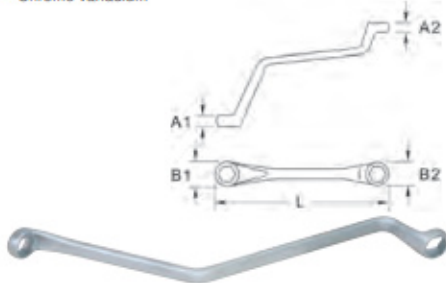
- 12 point
- DIN 838 / ISO 1085 / ISO 10104 / ISO 3318
- Ring head 75° offset
- Thin walled
- Polished heads
- Matt finish
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	Wt. kg
517.0295	5 pcs	8x9 - 10x11 - 12x13 - 16x17 - 18x19 mm					0.50
517.0248	8 pcs	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm					1.12
517.0222	11 pcs	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 30x32 mm					2.80
517.0250	12 pcs	6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 - 21x23 - 24x27 - 25x28 - 30-32 mm					2.88

CLASSIC Brake bleeding spanner

- 6 point
- Ring head cranked and offset
- For bleeding the brakes without dismantling of the wheels
- Matt finish
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	Wt. kg
518.0307	7	5.3	5.6	12.9	12.1	190.0	60
518.0308	8	7.5	7.0	16.0	15.8	211.0	130
518.0309	9	7.4	6.9	16.0	15.9	211.0	130
518.0310	10	7.3	7.1	17.5	16.9	236.0	135
518.0311	11	7.2	7.0	17.3	16.9	236.0	135

CLASSIC Brake bleeding spanner set

- 6 point
- Ring head cranked and offset
- For bleeding the brakes without dismantling of the wheels
- Matt finish
- Chrome vanadium
- In plastic leather case



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	Wt. kg
518.0300	5 pcs	7 - 8 - 9 - 10 - 11 mm					1.20

CHROMEplus® Double ring spanner set, offset

- FlankTraction profil
- DIN 838 / ISO 3318 / ISO 1085 / ISO 10104
- Ring head 75° offset
- Thin walled
- Chrome plated and mirror polished
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	Wt. kg
518.0801	6x7	5.9	6.6	10.2	12.5	168.0	52
518.0802	8x9	7.0	7.1	13.7	15.5	183.0	68
518.0804	10x11	7.5	7.5	16.8	18.2	198.0	92
518.0807	12x13	8.3	7.8	19.8	21.6	217.0	139
518.0809	14x15	9.0	9.1	22.7	24.7	239.0	167
518.0810	16x17	9.2	9.5	25.3	26.0	260.0	198
518.0811	17x19	10.3	10.8	28.6	29.8	292.0	263
518.0812	18x19	10.3	10.8	28.6	29.8	292.0	263
518.0814	20x22	10.4	11.4	31.1	34.6	318.0	319
518.0815	21x23	10.8	11.9	32.5	35.6	327.0	352
518.0816	24x27	11.8	13.7	36.5	41.4	339.0	466
518.0818	30x32	13.1	14.6	46.1	49.3	362.0	607
518.3101	1/4"x5/16"	5.4	6.0	10.8	13.1	165.0	40
518.3102	5/16"x3/8"	6.4	7.0	14.7	16.2	170.0	58
518.3103	3/8"x7/16"	6.9	7.6	16.3	18.6	195.0	73
518.3104	1/2"x9/16"	8.6	9.0	19.8	21.0	206.0	116
518.3105	9/16"x5/8"	8.8	9.3	21.4	24.8	232.0	134
518.3106	5/8"x11/16"	10.2	10.4	24.3	26.2	237.0	191
518.3107	11/16"x3/4"	11.1	11.6	27.8	29.3	270.0	269
518.3108	3/4"x7/8"	11.4	12.0	28.7	32.4	292.0	327
518.3109	7/8"x15/16"	11.6	12.3	31.1	34.4	327.0	345
518.3110	13/16"x7/8"	11.6	12.3	31.1	34.4	327.0	345
518.3111	15/16"x1"	14.0	14.1	34.4	36.5	362.0	517
518.3112	1"x1.1/8"	13.7	15.2	39.6	42.1	372.0	625
518.3113	1.1/8"x1.1/4"	17.2	18.6	44.4	48.3	392.0	880



CHROMEplus® double ring ended spanner set

- FlankTraction profil 12 point)
- DIN 838 / ISO 3318 / ISO 1085 / ISO 10104
- Ring head 75° offset
- Thin walled
- Chrome plated and mirror polished
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	Wt. kg
518.0847	7 pcs	8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm					1.03
518.0843	3 pcs	21x23 - 24x27 - 30x32 mm					1.51
518.3120	6 pcs	1/4"x5/16" - 3/8"x7/16" - 1/2"x9/16" - 9/16"x5/8" - 11/16"x3/4" - 13/16"x7/8"					1.10
518.3100	8 pcs	1/4"x5/16" - 3/8"x7/16" - 1/2"x9/16" - 9/16"x5/8" - 11/16"x3/4" - 13/16"x7/8" - 15/16"x1" - 1.1/8"x1.1/4"					2.46

GEARplus® reversing double ratchet ring spanner

- FlankTraction profil 12 point)
- In accordance to DIN 3110 / ISO 3318
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- With reverse lever
- High quality finish
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	Wt. kg
503.4571	8x9	6.9	6.5	20.2	16.8	128.0	60
503.4572	8x10	7.4	6.7	20.2	16.7	128.0	65
503.4573	10x11	7.7	7.3	21.8	20.2	150.0	70
503.4574	10x13	8.7	7.4	25.4	20.5	150.0	80
503.4575	12x13	8.6	8.2	24.8	23.0	170.0	100
503.4576	14x15	9.4	9.0	29.5	26.5	190.0	140
503.4577	16x18	10.7	9.9	33.5	29.5	210.0	180
503.4578	17x19	11.2	10.3	33.5	31.5	230.0	220

GEARplus® double reversing ratchet ring spanner

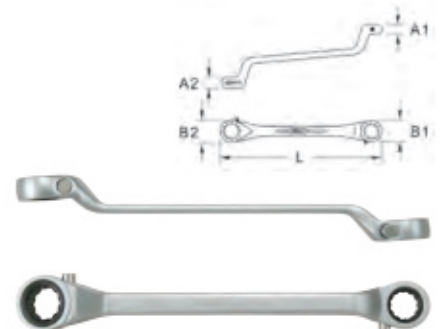
- FlankTraction profil 12 point)
- In accordance to DIN 3110 / ISO 3318
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- With reverse lever
- High quality finish
- Chrome vanadium
- Supplied in a leather pouch



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	Wt. kg
503.4580	6 pcs	8x9 - 10x11 - 12x13 - 14x15 - 16x18 - 17x19 mm					790

CLASSIC ratchet ring spanner, reversing

- FlankTraction profil 12 point)
- In accordance to DIN 838 / ISO 1085
- Ring head 75° offset
- Reversible
- Exact gearing with 24 teeth
- Matt finish
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	Wt. kg
520.1011	10x11	11.5	11.7	23.3	25.1	210.0	180
520.1214	12x14	12.1	12.4	26.4	30.8	245.0	260
520.1317	13x17	13.2	13.3	31.5	36.3	265.0	360
520.1516	15x16	14.6	14.7	33.1	34.9	260.0	420
520.1922	19x22	16.1	16.2	39.8	43.8	325.0	600
520.2427	24x27	17.7	17.9	47.4	51.6	390.0	800
520.3032	30x32	19.7	19.9	55.1	57.1	410.0	1300



CLASSIC ratchet ring spanner set, reversing

- FlankTraction profile (12 point)
- In accordance to DIN 838 / ISO 1085
- Ring head 75° offset
- Reversible
- Exact gearing with 72 teeth
- Matt finish
- Chrome vanadium



520.1000	5 pcs	10x11 - 12x14 - 13x17 - 15x16 - 19x22 mm	1.85	
520.1100	7 pcs	10x11 - 12x14 - 13x17 - 15 x 16 - 19x22 - 24x27 - 30x32 mm	4.05	

GEARplus® Universal double ratchet ring spanner set

- 6 point
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- Reversible
- With go-through facility
- The collar on each insert prevents slipping
- Especially suitable for narrow hard to access areas
- Matt finish
- Chrome vanadium
- In durable plastic storage case



503.4625	8 pcs	GEARplus® Universal double ratchet ring spanner set	500	
1 x		14 x 19 mm		
7 x		5/16" - 3/8" - 7/16" - 1/2" - 9/16" - 5/8" - 11/16"		

GEARplus® Universal double ratchet ring spanner set

- 6 point
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- Reversible
- With go-through facility
- The collar on each insert prevents slipping
- Especially suitable for narrow hard to access areas
- Matt finish
- Chrome vanadium
- In durable plastic storage case



503.4645	10 pcs	GEARplus® Universal double ratchet ring spanner set	500	
1 x		14 x 19 mm		
9 x		8 - 9 - 10 - 11 - 12 - 13 - 15 - 16 - 17 mm		

DOUBLE RING SPANNERS FOR TX E PROFILE

CLASSIC double ring spanner for TX E-Profil

- TX E profil
- Straight form
- Thin walled
- Matt finish
- Chrome vanadium



		A1 mm	A2 mm	B1 mm	B2 mm	L mm	
911.0371	E6 x E8	4.2	5.3	7.3	9.7	114.0	20
911.0372	E7 x E11	5.2	7.2	10.8	14.8	130.0	50
911.0373	E10 x E12	6.5	7.7	12.3	15.1	141.0	40
911.0374	E14 x E18	8.2	10.3	17.0	21.1	180.0	90
911.0375	E16 x E22	8.4	11.8	19.7	27.3	205.0	130
911.0376	E20 x E24	11.0	12.6	23.9	27.9	224.0	170

CLASSIC double ring spanner set for TX E-Profil

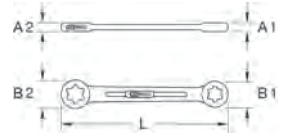
- TX E profil
- Straight form
- Thin walled
- Matt finish
- Chrome vanadium



911.0370	6 pcs	E6xE8 - E7xE11 - E10xE12 - E14xE18 - E16xE22 - E20xE24	585	

CHROMEplus® Double ring spanner for TX E-Profil

- TX E profil
- Straight form
- Thin walled
- Chrome plated and mirror polished
- Chrome vanadium



		A1 mm	A2 mm	B1 mm	B2 mm	L mm	
518.0861	E6 x E8	4.2	5.3	7.3	9.7	114.0	17
518.0862	E10 x E12	6.5	7.7	12.3	15.1	141.0	36
518.0863	E14 x E18	8.2	10.3	17.0	21.1	180.0	88
518.0864	E20 x E24	11.0	12.6	23.9	27.9	224.0	165

CHROMEplus® Double ring spanner set for TX E-Profil

- TX E profil
- Straight form
- Thin walled
- Chrome plated and mirror polished
- Chrome vanadium



518.0860	4 pcs	E6xE8 - E10xE12 - E14xE18 - E20xE24	410	



CHROMEplus® Double ring spanner for TX-E profil , extra long

- TX E profil
- Thin walled
- Chrome plated and mirror polished
- Chrome vanadium



		A1 mm	A2 mm	B1 mm	B2 mm	L mm	
518.0931	E6 x E7	5.8	6.9	9.5	11.0	200.0	42
518.0932	E8 x E10	7.3	8.6	12.0	14.3	240.0	68
518.0933	E11 x E12	9.1	9.9	14.9	16.6	280.0	109
518.0934	E14 x E16	10.3	11.2	18.1	19.8	320.0	161
518.0935	E18 x E20	11.6	12.7	22.8	25.7	360.0	227
518.0936	E22 x E24	13.3	14.0	26.9	29.2	400.0	344

CHROMEplus® Double ring spanner set for TX-E profil , extra long

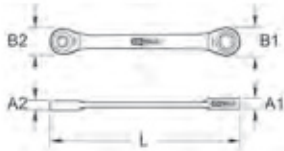
- TX E profil
- Thin walled
- Chrome plated and mirror polished
- Chrome vanadium



Item No.	Quantity	Specifications	Weight (kg)
518.0930	6 pcs	E6-E7-E8-E10-E11-E12-E14-E16-E18-E20-E22-E24	1.05

GEARplus® Double ring ratchet spanner for TX E profil

- TX E profil
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium



Item No.	Specifications	A1 mm	A2 mm	B1 mm	B2 mm	L mm	Weight (kg)
503.4351	E6 x E8	6.5	6.9	16.8	20.2	128.0	70
503.4353	E10 x E12	7.3	7.7	20.2	21.8	150.0	60
503.4355	E14 x E18	9.0	9.9	26.5	29.5	190.0	150
503.4357	E20 x E24	10.3	11.2	31.5	33.5	230.0	230

GEARplus® Double ring ratchet spanner set for TX E Profil

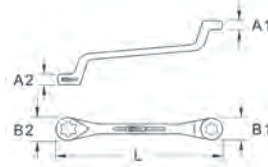
- TX E profil
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium



Item No.	Quantity	Specifications	Weight (kg)
503.4364	4 pcs	E6x E8 - E10xE12 - E14xE18 - E20xE24	630

CLASSIC double ring spanner for TX E profil , offset

- TX E profil
- Ring head 75° offset
- Thin walled
- Matt finis
- Chrome vanadium



Item No.	Specifications	A1 mm	A2 mm	B1 mm	B2 mm	L mm	Weight (kg)
911.0361	E6 x E8	5.5	6.2	10.0	12.3	147.0	32
911.0362	E7 x E11	5.6	7.0	11.3	14.5	159.0	43
911.0363	E10 x E12	5.9	6.8	13.5	15.5	175.0	50
911.0364	E14 x E18	7.7	9.3	17.3	21.7	215.0	108
911.0365	E16 x E22	8.1	11.6	20.1	27.4	234.0	157
911.0366	E20 x E24	11.3	13.3	23.5	28.2	262.0	223

CLASSIC Double ring spanner set for TX E profil , offset

- TX E-Profil
- Ring head 75° offset
- Thin walled
- Matt finis
- Chrome vanadium



Item No.	Quantity	Specifications	Weight (kg)
911.0360	6 pcs	E6xE8 - E7xE11 - E10xE12 - E14xE18 - E16xE22 - E20xE24	970



FLEXIBLE SPANNERS

CLASSIC double revolving head spanner

- FlankTraction profile (12 point)
- Revolving head
- Extra large pivoting range
- Especially suitable for narrow hard to access areas
- Matt finis
- Chrome vanadium



Item No.	Specifications	B1 mm	B2 mm	L mm	Weight (kg)
517.0300	6x7	10.5	11.2	198.0	90
517.0301	8x9	12.3	12.7	198.0	91
517.0302	10x11	14.8	15.7	216.0	118
517.0303	12x13	18.7	18.9	223.0	172
517.0304	14x15	20.8	20.9	245.0	214
517.0305	16x17	22.7	23.8	257.0	282
517.0306	18x19	25.7	25.8	273.0	359
517.0307	20x22	27.7	30.0	297.0	486
517.0308	21x23	27.7	32.0	297.0	492

CLASSIC TX E profile double h added revolving wrench set

- TX E-Profil
- Revolving head
- Extra large pivoting range
- Especially suitable for narrow hard to access areas
- Matt finis
- Chrome vanadium



Item No.	Quantity	Specifications	Weight (kg)
517.0340	5 pcs	E6xE8 - E10xE12 - E14xE16 - E18xE20 - E22xE24	1,00

CLASSIC Double revolving head spanner for TX E profil

- TX E profil
- Revolving head
- Extra large pivoting range
- Especially suitable for narrow hard to access areas
- Matt finis
- Chrome vanadium



Item No.	Specifications	B1 mm	B2 mm	L mm	Weight (kg)
517.0330	E6 x E8	12.9	12.9	200.0	85
517.0332	E10 x E12	14.6	16.0	220.0	130
517.0333	E14 x E16	19.1	20.9	245.0	190
517.0334	E18 x E20	21.9	22.8	255.0	270
517.0335	E22 x E24	25.9	25.9	270.0	370

CLASSIC double revolving head spanner set

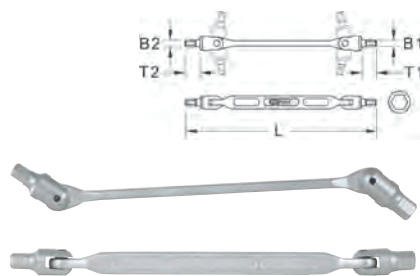
- FlankTraction profil (12 point)
- Revolving head
- Extra large pivoting range
- Especially suitable for narrow hard to access areas
- Matt finis
- Chrome vanadium



Item No.	Quantity	Size Range	Weight (kg)
517.0310	6 pcs	8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 mm	1,34

CLASSIC hexagonal double revolving head wrench

- 6 point
- Revolving head
- Extra large pivoting range
- Especially suitable for narrow hard to access areas
- Matt finis
- Chrome vanadium

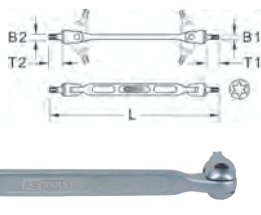


Item No.	Size (mm)	B1 (mm)	B2 (mm)	T1 (mm)	T2 (mm)	L (mm)	Weight (kg)
517.0341	3x4	12.0	12.0	5.8	4.5	205.0	90
517.0342	5x6	12.0	12.0	6.7	6.0	218.0	105
517.0343	8x10	15.0	14.9	8.7	10.1	225.0	190

BOX SPANNERS

CLASSIC double revolving head spanner for TX

- TX profil
- Revolving head
- Extra large pivoting range
- Especially suitable for narrow hard to access areas
- Matt finis
- Chrome vanadium



Item No.	Profile	B1 (mm)	B2 (mm)	T1 (mm)	T2 (mm)	L (mm)	Weight (kg)
517.0315	T15 x T20	14.7	14.7	7.9	7.9	225.0	110
517.0316	T25 x T27	15.0	15.0	9.0	9.0	225.0	130
517.0317	T30 x T40	14.8	14.8	8.7	8.7	225.0	150
517.0318	T45 x T50	16.9	16.9	12.4	12.4	245.0	190
517.0319	T55 x T60	17.0	17.0	13.5	13.5	245.0	250

CLASSIC double revolving head spanner set for TX

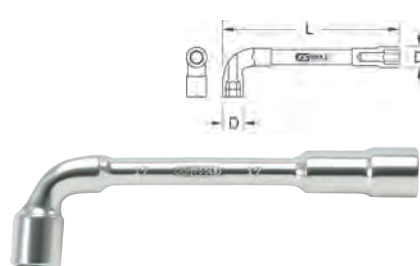
- TX profil
- Revolving head
- Extra large pivoting range
- Especially suitable for narrow hard to access areas
- Matt finis
- Chrome vanadium



Item No.	Quantity	Size Range	Weight (kg)
517.0320	5 pcs	T15xT20 - T25xT27 - T30xT40 - T45xT50 - T55xT60	845

ULTIMATEplus double box spanner with go through centre

- 6 point
- Ring head 90° offset
- With go through function
- Chrome plated and mirror polished
- Chrome vanadium



Item No.	Size (mm)	D (mm)	L (mm)	Weight (kg)
517.0406	6	10.0	102.0	46
517.0407	7	11.0	106.0	57
517.0408	8	12.5	114.0	65
517.0409	9	13.5	122.0	86
517.0410	10	15.0	129.0	108
517.0411	11	16.5	136.0	133
517.0412	12	18.0	144.0	158
517.0413	13	19.5	152.0	181
517.0414	14	21.0	160.0	229
517.0415	15	22.5	169.0	255
517.0416	16	24.0	178.0	320
517.0417	17	25.5	187.0	349
517.0418	18	26.5	195.0	407
517.0419	19	28.0	204.0	449
517.0420	20	29.5	212.0	513
517.0421	21	30.5	221.0	556
517.0422	22	32.0	230.0	658
517.0423	23	33.5	240.0	764
517.0424	24	34.5	250.0	832
517.0427	27	38.0	296.0	1243
517.0430	30	42.0	330.0	1565
517.0432	32	44.5	350.0	1842
517.0434	34	47.0	340.0	1580
517.0436	36	49.5	380.0	2396



ULTIMATEplus double box spanner set, offset

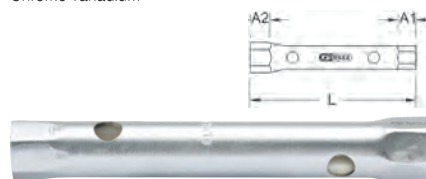
- 6 point
- Ring head 90° offset
- With go through function
- Chrome plated and mirror polished
- Chrome vanadium



Item No.	Quantity	Size Range	Weight (kg)
517.0450	9 pcs	8 - 9 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm	1,55
517.0451	11 pcs	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm	1,60
517.0452	8 pcs	8 - 10 - 11 - 13 - 17 - 19 - 22 - 24	2,80
517.0453	21 pcs	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm	8,40
517.0454	26 pcs	6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 29 - 30 - 32 mm	15,90
517.0455	13 pcs	8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 24 mm	4,56

CLASSIC pipe head spanner

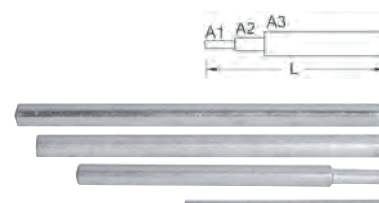
- 6 point
- DIN 896 / ISO 2236 / ISO 1085
- With hollow shaft
- Matt finis
- Chrome vanadium



Item No.	Size (mm)	A1 (mm)	A2 (mm)	L (mm)	Weight (kg)
518.0870	6x7	10.0	11.0	100.0	1,2,3 27
518.0871	8x9	11.0	12.0	110.0	1,2,3 43
518.0872	10x11	12.5	13.0	120.0	1,2,3 63
518.0881	10x13	13.0	14.5	140.0	2,3 80
518.0873	12x13	14.0	14.5	130.0	2,3 96
518.0874	14x15	15.0	16.0	140.0	2,3 132
518.0875	16x17	16.0	17.0	150.0	2,3 155
518.0882	17x19	17.0	20.0	160.0	2,3 160
518.0876	18x19	18.0	20.0	160.0	2,3 187
518.0877	20x22	20.0	21.0	170.0	2,3 275
518.0878	21x23	20.0	20.0	180.0	2,3 310
518.0883	24x26	24.0	26.0	190.0	4 365
518.0879	24x27	24.0	26.0	190.0	4 365
518.0880	30x32	27.0	31.0	220.0	4 610
518.0884	36x41	32.0	35.0	220.0	5 650
518.0885	41x46	35.0	38.0	240.0	5 950
518.0886	46x50	38.0	40.0	240.0	5 1050

Tommy bar for box spanner

- Hardened
- Matt finis
- Chrome vanadium



Item No.	Size (mm)	A1 (mm)	A2 (mm)	A3 (mm)	L (mm)	Quantity	Weight (kg)
518.0865	6x7-10x11	6.0	6.0	6.0	115.0	1	40
518.0866	6x7-21x23	5.8	8.0	9.5	160.0	2	80
518.0868	24x26-30x32	14.0	14.0	14.0	204.0	4	260
518.0869	36x41-46x50	15.6	15.6	15.6	253.0	5	370

CLASSIC box wrench sets

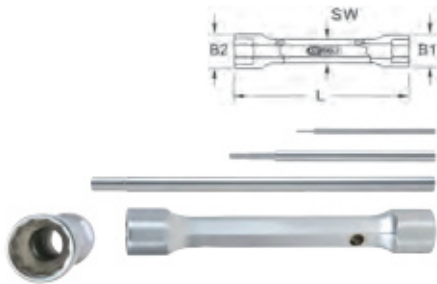
- 6 point
- DIN 896 / ISO 2236 / ISO 1085
- With hollow shaft
- Matt finish
- Chrome vanadium



518.0900	10 pcs	CLASSIC box wrench sets	920
8 x		6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	
2 x		6-11 + 10-22 mm	

ULTIMATEplus Double box spanner

- FlankTraction profile 12 point)
- DIN 896 form A / ISO 2236
- Extremely versatile
- With centre hole
- Can use a combination spanner to drive
- Matt finish
- Chrome vanadium



		B1	B2		L		
	mm	mm	mm	mm	mm	mm	
518.0406	6x7	9.0	10.0	8.0	100.0	1	27
518.0408	8x9	11.5	12.5	9.0	110.0	1	43
518.0410	10x11	14.0	15.0	11.0	120.0	1	63
518.0412	12x13	16.5	17.5	13.0	130.0	2	96
518.0414	14x15	19.5	20.0	14.0	140.0	2	132
518.0416	16x17	21.0	22.0	16.0	150.0	2	155
518.0418	18x19	23.0	24.0	18.0	160.0	2	187
518.0420	20x22	26.0	28.0	20.0	170.0	2	275
518.0421	21x23	27.0	29.0	21.0	180.0	2	310
518.0424	24x26	30.0	32.0	24.0	190.0	3	365
518.0425	25x28	31.0	34.0	25.0	200.0	3	410
518.0427	27x29	34.0	36.0	27.0	210.0	3	540
518.0430	30x32	37.0	39.0	30.0	220.0	3	610

Tommy bar for double box spanner

- Hardened
- Matt finish
- Chrome vanadium



		A1	A2	A3	L		
	mm	mm	mm	mm	mm	mm	
518.0450	6x7-10x11	2.6	5.0	5.0	100.0	1	10
518.0455	12x13-21x23	5.9	7.0	9.3	170.0	2	80
518.0460	24x26-30x32	11.6	12.5	12.5	290.0	3	280

ULTIMATEplus Double box head spanner set

- FlankTraction profile 12 point)
- DIN 896 form A / ISO 2236
- Extremely versatile
- With centre hole
- Can use a ring spanner to drive
- Matt finish
- Chrome vanadium



518.0405	10 pcs	ULTIMATEplus Double box head spanner set	1,16
8 x		6x7 - 8x9 - 10x11 - 12x13 - 14x15 - 16x17 - 18x19 - 20x22 mm	
2 x		#1 100 mm + #2 170 mm	

Extended bar HGV wheel nut wrench set

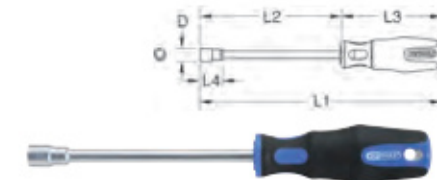
- Two sided serviceable
- Large head depth for projecting bolts
- 1,200 mm extended drive bar
- Loading capacity at 1,000 N·m
- Ideally suited for commercial vehicles
- Matt finish
- Special steel



518.0840	4 pcs	32x33 mm	3,90

ERGOTORQUEplus® socket screwdriver

- 6 point
- Two component handle
- With hanging hole
- Matt finish
- Chrome vanadium



		D	L1	L2	L3	L4	
	mm	mm	mm	mm	mm	mm	
159.1201	4	6.6	255.0	150.0	105.0	4.3	60
159.1202	5	7.6	255.0	150.0	105.0	4.4	70
159.1203	5.5	8.2	255.0	150.0	105.0	4.8	80
159.1204	6	8.8	255.0	150.0	105.0	5.5	80
159.1205	7	10.0	255.0	150.0	105.0	6.8	110
159.1206	8	11.2	264.0	150.0	114.0	7.0	110
159.1207	9	13.9	264.0	150.0	114.0	9.3	110
159.1208	10	15.0	264.0	150.0	114.0	9.9	120
159.1209	11	16.5	264.0	150.0	114.0	10.3	130
159.1210	12	17.6	264.0	150.0	114.0	11.2	180
159.1211	13	17.6	264.0	150.0	114.0	11.6	180
159.1212	14	18.9	264.0	150.0	114.0	13.0	180

ERGOTORQUEplus® socket screwdriver set

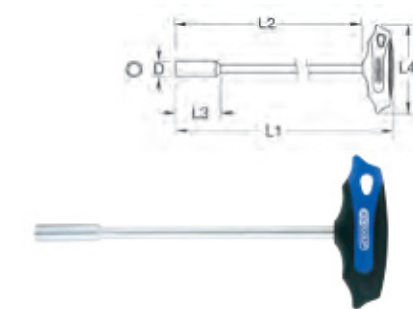
- 6 point
- Two component handle
- With hanging hole
- Matt finish
- Chrome vanadium



159.1200	8 pcs	5 - 6 - 7 - 8 - 10 - 11 - 12 - 13	800

CHROMEplus® T-handle socket screwdriver, long

- 6 point
- Two component handle
- With hanging hole
- Chrome plated and mirror polished
- Chrome vanadium



		D	L1	L2	L3	L4	
	mm	mm	mm	mm	mm	mm	
158.50055	5.5	9.9	264.0	230.0	10.0	95.0	80
158.5006	6	9.9	264.0	230.0	10.0	95.0	100
158.5007	7	10.1	264.0	230.0	10.0	95.0	120
158.5008	8	12.5	270.0	230.0	14.0	115.0	140
158.5009	9	13.6	270.0	230.0	12.0	115.0	150
158.5010	10	14.5	270.0	230.0	14.0	115.0	160
158.5011	11	15.7	270.0	230.0	15.0	115.0	180
158.5012	12	16.7	270.0	230.0	15.0	115.0	180
158.5013	13	17.6	270.0	230.0	16.0	115.0	180
158.5014	14	19.2	270.0	230.0	15.0	115.0	190

CHROMEplus® T-handle socket screwdriver set

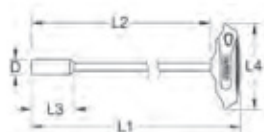
- 6 point
- Two component handle
- With hanging hole
- Chrome plated and mirror polished
- Chrome vanadium



158.5000	6 pcs	6 - 8 - 10 - 12 - 13 - 14 mm	1,40

CHROMEplus® T-handle socket screwdriver, extra long

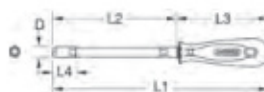
- 6 point
- Two component handle
- With hanging hole
- Chrome plated and mirror polished
- Chrome vanadium



	mm	D mm	L1 mm	L2 mm	L3 mm	L4 mm	kg
158.5408	8	12.6	390.0	350.0	13.0	115.0	180
158.5409	9	13.6	390.0	350.0	14.0	115.0	190
158.5410	10	14.7	390.0	350.0	15.0	115.0	220
158.5413	13	17.7	390.0	350.0	15.0	115.0	230
158.5414	14	19.1	390.0	350.0	16.0	115.0	250

ERGOTORQUE® socket screwdriver

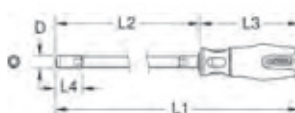
- 6 point
- Flexible
- Limited torque
- Double spiral shaft
- Plastic protective coating
- With hanging hole
- Chrome vanadium



	mm	D mm	L1 mm	L2 mm	L3 mm	L4 mm	kg
911.1126	6	10.8	259.0	150.0	109.0	9.3	155
911.1127	7	11.7	259.0	150.0	109.0	10.0	155
911.1128	8	11.9	259.0	150.0	109.0	10.0	155
911.1125	10	12.5	279.0	170.0	109.0	14.3	170

ERGOTORQUEplus® socket screwdriver, extra long

- 6 point
- Flexible
- Limited torque
- Double spiral shaft
- Plastic protective coating
- Two component handle
- With hanging hole
- Chrome vanadium

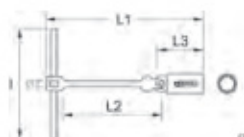


	mm	D mm	L1 mm	L2 mm	L3 mm	L4 mm	kg
911.1175	5	11.9	614.0	500.0	114.0	8.9	270
911.1176	6	10.9	614.0	500.0	114.0	11.3	280
911.1177	7	11.7	614.0	500.0	114.0	11.3	280
911.1178	8	11.7	614.0	500.0	114.0	11.3	280

T-HANDLE FLEXIBLE WRENCH

CLASSIC T-Handle Spark plug socket

- FlankTraction profil
- Flexible head
- For diffi ult to access areas
- Matt finish
- Chrome vanadium



	mm	I mm	L1 mm	L2 mm	L3 mm	kg
517.1131	14,0	200,0	500,0	418,5	81,5	490
517.1132	16,0	200,0	500,0	418,5	81,5	500
517.1133	18,0	200,0	500,0	418,5	81,5	580
517.1134	21,0	200,0	500,0	418,5	81,5	590

CLASSIC T-handle universal wrench, extra long

- 6 point
- With flexible head
- For diffi ult to access areas
- Matt finish
- Chrome vanadium



	mm	B mm	I mm	L mm	kg
517.1108	8	12.0	200.0	394.0	400
517.1109	9	14.5	200.0	395.0	420
517.1110	10	15.3	200.0	490.0	460
517.1111	11	17.0	200.0	491.0	470
517.1112	12	18.0	200.0	493.0	485
517.1113	13	18.0	200.0	493.0	485
517.1114	14	20.0	200.0	495.0	480
517.1115	15	22.0	200.0	495.0	480
517.1116	16	22.0	200.0	496.0	490
517.1117	17	24.0	200.0	469.0	495
517.1118	18	26.0	200.0	500.0	500
517.1119	19	28.0	200.0	500.0	520

CLASSIC T-Handle universal wrench for sockets, extra long

- In accordance to DIN 3122 / ISO 3315
- With flexible head
- For diffi ult to access areas
- Matt finish
- Chrome vanadium

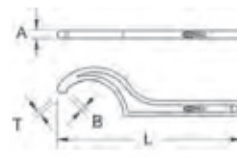


	B mm	I mm	L mm	kg	
517.1125	1/4"	6.3	200.0	490.0	420
517.1126	3/8"	9.5	200.0	495.0	540
517.1127	1/2"	12.6	200.0	500.0	760

HOOK WRENCH

Fixed hook wrench with nose

- In accordance to DIN 1810 Form A
- With hanging hole
- For slotted nuts
- Burnished
- Chrome vanadium



	mm	A mm	B mm	L mm	T mm	kg
517.1370	12 - 14	2.5	2.0	109.5	1.5	22
517.1371	16 - 20	2.5	2.0	109.5	1.5	22
517.1372	25 - 28	4.0	2.5	135.9	2.0	36
517.1373	30 - 32	4.0	2.5	135.9	2.0	36
517.1374	34 - 36	5.0	3.0	170.2	2.0	82
517.1375	40 - 42	5.0	3.0	170.3	2.0	76
517.1376	45 - 50	6.0	3.5	195.0	2.0	132
517.1377	52 - 55	7.0	3.5	220.0	2.5	176
517.1378	58 - 62	7.0	4.0	240.0	2.5	224
517.1379	68 - 75	7.6	4.0	260.0	3.0	280
517.1380	80 - 90	8.0	5.0	280.0	3.5	368
517.1381	92 - 100	8.0	5.0	280.0	3.5	394
517.1382	110 - 115	9.5	5.0	334.9	4.0	590
517.1383	120 - 130	9.5	5.0	334.9	4.0	540



Fixed hook wrench with pin

- In accordance to DIN 1810 Form B
- With hanging hole
- For pin type round nuts
- Burnished
- Chrome vanadium



	mm	A mm	B mm	L mm	T mm	kg
517.1471	12 - 14	3.0	2.0	110.0	2.0	25
517.1472	16 - 18	3.0	2.5	110.0	2.5	25
517.1473	20 - 22	3.0	2.5	110.0	2.5	25
517.1474	25 - 28	4.0	3.0	136.0	3.0	55
517.1488	30 - 32	5.0	4.0	136.0	3.0	55
517.1476	34 - 36	5.0	4.0	170.0	3.5	100
517.1477	40 - 42	5.0	4.0	170.0	3.5	100
517.1478	45 - 50	6.0	5.0	206.0	4.0	165
517.1479	52 - 55	6.0	5.0	206.0	4.0	165
517.1480	58 - 62	7.0	5.0	240.0	5.0	270
517.1485	120 - 130	8.0	8.0	335.0	8.0	610
517.1482	80 - 90	8.0	6.0	280.0	6.0	410
517.1483	95 - 100	8.0	8.0	280.0	6.0	410
517.1484	110 - 115	8.0	8.0	335.0	8.0	610
517.1485	120 - 130	8.0	8.0	335.0	8.0	610
517.1486	135 - 145	8.0	8.0	380.0	8.0	790
517.1487	155 - 165	8.0	8.0	380.0	8.0	790

Pin-type face wrench

- DIN 3,116 A
- Phosphate
- Special steel



	mm	A mm	B mm	L mm	T mm	W
517.2013	13	3.0	2.5	90.0	3.0	27
517.2015	15	3.0	3.0	90.0	4.0	27
517.2020	20	4.0	3.0	122.0	5.0	50
517.2025	25	4.0	3.0	137.0	4.0	65
517.2030	30	4.0	4.0	164.0	5.0	85
517.2035	35	5.0	5.0	180.0	6.0	120
517.2040	40	5.0	4.0	167.0	5.0	120
517.2045	45	5.0	4.0	187.0	5.0	145
517.2050	50	5.0	5.0	198.0	6.0	175
517.2060	60	6.0	5.0	213.0	6.0	220
517.2075	75	6.0	6.0	243.0	7.0	330
517.2090	90	6.0	7.0	270.0	7.5	410

Hook wrench with nose

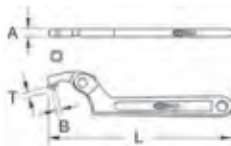
- In accordance to DIN 1810 Form A
- With flexible head
- With hanging hole
- For slotted nuts
- Matt finish
- Chrome vanadium



	mm	A mm	B mm	L mm	T mm	W	
517.1302	19-50	3/4-2"	9.0	3.5	162.0	2.9	100
517.1303	32-76	1.1/4-3"	11.5	4.5	205.0	3.7	210
517.1304	50-120	2-4 3/4"	12.4	6.5	295.0	4.6	420
517.1305	114-158	4.1/2-6.1/4"	12.4	9.8	315.0	8.3	440

Flexible hook wrench with pin

- In accordance to DIN 1810 Form B
- With flexible head
- With hanging hole
- For pin type round nuts
- Matt finish
- Chrome vanadium



	mm	A mm	B mm	L mm	T mm	W	
517.1312	19-50	3/4-2"	9.2	4.0	165.0	4.0	110
517.1313	32-76	1.1/4-3"	11.3	5.0	210.0	4.7	220
517.1314	50-120	2-4 3/4"	12.5	6.0	295.0	5.5	420
517.1315	114-158	4.1/2-6.1/4"	12.6	8.0	320.0	7.6	440

Hook wrench with nose

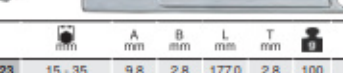
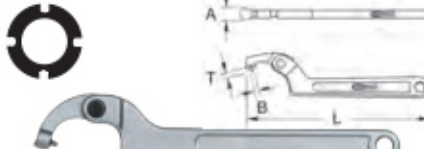
- In accordance to DIN 1810 Form A
- With flexible head
- With hanging hole
- For slotted nuts
- Matt finish
- Chrome vanadium



	mm	A mm	B mm	L mm	T mm	W
517.1316	13-35	5.2	3.2	175.0	3.2	80
517.1317	35-50	5.9	4.0	202.0	4.2	186
517.1318	50-80	7.5	4.9	280.0	5.2	382
517.1319	80-120	8.2	5.3	345.0	5.8	642
517.1320	120-180	10.8	8.9	465.0	7.8	1286

Flexible hook wrench with pin

- In accordance to DIN 1810 Form B
- With flexible head
- With hanging hole
- For pin type round nuts
- Matt finish
- Chrome vanadium



	mm	A mm	B mm	L mm	T mm	W
517.1323	15-35	9.8	2.8	177.0	2.8	100
517.1324	35-50	10.7	3.8	202.0	3.6	186
517.1325	50-80	14.0	4.8	280.0	5.0	382
517.1326	80-120	17.2	5.8	345.0	7.0	642
517.1327	120-180	19.2	7.8	465.0	9.0	1286

Hook wrench with nose

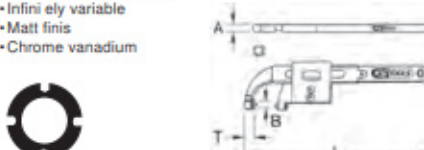
- In accordance to DIN 1810 Form A
- With flexible head
- With hanging hole
- For slotted nuts
- Infinitely variable
- Matt finish
- Chrome vanadium



	mm	A mm	B mm	L mm	T mm	W
517.1397	10-50	7.6	4.2	210.0	4.5	380
517.1398	20-100	8.2	6.8	360.0	5.5	840
517.1399	30-200	10.6	9.4	570.0	7.0	2250

Flexible hook wrench with pin

- In accordance to DIN 1810 Form B
- With flexible head
- With hanging hole
- For pin type round nuts
- Infinitely variable
- Matt finish
- Chrome vanadium

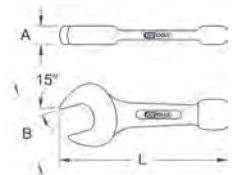


	mm	A mm	B mm	L mm	T mm	W
517.1328	10-50	8.3	2.6	210.0	2.5	380
517.1329	20-100	12.3	4.0	360.0	4.5	840
517.1330	30-200	17.3	5.8	570.0	4.8	2250

SLOGGING SPANNER

Slogging open end spanner

- DIN 133
- Jaw 15° offset
- Impact area
- For heavy duty applications
- Phosphate finish
- Chrome vanadium



	mm	A mm	B mm	L mm	W
517.2122	22	16.0	55.0	180.0	0.28
517.0124	24	16.0	55.0	180.0	0.28
517.0127	27	16.3	56.0	181.0	0.39
517.0130	30	16.7	62.0	188.0	0.45
517.0132	32	17.2	66.0	196.0	0.55
517.0136	36	18.2	76.0	211.0	0.71
517.0141	41	19.2	88.0	227.0	1.00
517.0146	46	19.7	98.0	256.0	1.26
517.0150	50	21.2	106.5	281.0	1.61
517.0155	55	23.6	117.0	310.0	2.13
517.0160	60	24.1	128.0	321.0	2.48
517.0165	65	27.6	139.0	351.0	3.34
517.0170	70	29.6	150.0	370.0	4.33
517.0175	75	31.0	161.5	390.0	5.11
517.0180	80	34.0	172.5	406.0	6.02
517.0185	85	34.0	172.5	406.0	5.77
517.0190	90	38.4	194.0	456.0	9.81
517.0195	95	38.4	194.0	456.0	8.99
517.0196	100	46.0	225.0	500.0	13.32
517.2105	105	46.3	225.5	500.0	13.22
517.2110	110	46.3	225.5	500.0	13.05
517.2115	115	54.2	245.5	525.0	17.66
517.2120	120	54.2	254.5	525.0	17.61
517.2125	125	50.0	255.0	545.0	16.76
517.2130	130	55.0	275.0	575.0	19.03
517.2135	135	55.0	275.0	575.0	18.88
517.2140	140	55.0	275.0	575.0	17.88
517.2145	145	60.0	305.0	640.0	26.67
517.2150	150	60.0	305.0	640.0	24.66
517.2155	155	60.0	305.0	640.0	24.20
517.2160	160	60.0	305.0	640.0	25.69
517.2165	165	70.0	342.0	715.0	39.56
517.2170	170	70.0	342.0	715.0	37.76
517.2175	175	70.0	342.0	715.0	36.84
517.2180	180	70.0	392.0	715.0	37.00
517.2185	185	70.0	392.0	715.0	36.00
517.2190	190	78.0	392.0	800.0	53.30
517.2195	195	78.0	392.0	800.0	52.90
517.2200	200	78.0	392.0	800.0	52.50
517.2205	205	78.0	392.0	800.0	52.50
517.2210	210	78.0	392.0	800.0	51.70
517.2220	220	72.0	415.0	800.0	51.30
517.2251	1.1/16"	16.3	56.0	181.0	0.39
517.2254	1.1/8"	16.3	56.0	181.0	0.39
517.2255	1.3/16"	16.7	62.0	188.0	0.47
517.2253	1.1/4"	16.7	62.0	188.0	0.46
517.2258	1.5/16"	17.2	66.0	196.0	0.54
517.2257	1.3/8"	17.2	66.0	196.0	0.55
517.2260	1.7/16"	18.2	76.0	211.0	0.71
517.2252	1.1/2"	18.2	76.0	211.0	0.70
517.2262	1.9/16"	19.2	88.0	227.0	1.25
517.2259	1.5/8"	19.2	88.0	227.0	0.98
517.2263	1.11/16"	19.2	88.0	227.0	0.98
517.2256	1.3/4"	19.2	88.0	227.0	0.99
517.2264	1.13/16"	19.7	98.0	256.0	1.27
517.2261	1.7/8"	19.7	98.0	256.0	1.27
517.2265	1.15/16"	21.2	106.5	281.0	1.05
517.2266	2"	21.2	106.5	281.0	1.59
517.2267	2.1/16"	21.2	106.5	281.0	1.64
517.2270	2.1/8"	21.2	106.0	281.0	1.56
517.2271	2.3/16"	23.6	117.0	310.0	2.12

	mm	A mm	B mm	L mm	kg
517.2269	2.1/4"	23.6	117.0	310.0	2.10
517.2274	2.5/16"	23.6	117.0	310.0	1.90
517.2273	2.3/8"	23.6	128.0	321.0	2.47
517.2276	2.7/16"	23.6	128.0	321.0	2.40
517.2268	2.1/2"	23.6	128.0	321.0	2.60
517.2278	2.9/16"	27.6	139.0	351.0	3.49
517.2275	2.5/8"	27.6	139.0	351.0	3.27
517.2272	2.3/4"	29.6	150.0	370.0	4.28
517.2279	2.13/16"	29.6	150.0	370.0	4.20
517.2277	2.7/8"	29.6	150.0	370.0	4.20
517.2280	2.15/16"	31.0	161.5	390.0	4.10
517.2281	3"	31.0	161.5	390.0	4.88
517.2284	3.1/8"	34.0	172.5	406.0	5.95
517.2283	3.1/4"	34.0	172.5	406.0	5.80
517.2286	3.3/8"	34.0	172.5	406.0	5.64
517.2282	3.1/2"	38.4	194.0	456.0	8.91
517.2287	3.5/8"	38.4	194.0	456.0	7.80
517.2285	3.3/4"	38.4	194.0	456.0	8.56
517.2288	3.7/8"	46.3	225.5	500.0	13.47
517.2289	4"	46.3	225.5	500.0	13.64
517.2292	4.1/8"	46.3	225.5	500.0	13.64
517.2291	4.1/4"	47.0	235.0	810.0	14.10
517.2290	4.1/2"	47.0	235.0	510.0	18.98
517.2293	4.3/4"	50.0	255.0	545.0	16.40
517.2294	5"	50.0	255.0	545.0	15.50
517.2296	5.3/8"	55.0	275.0	575.0	19.80
517.2295	5.3/4"	55.0	275.0	575.0	18.90
517.2297	6"	60.0	305.0	640.0	26.70

Slogging ring spanner

- FlankTraction profile (12 point)
- DIN 7444
- Impact area
- For heavy duty applications
- Phosphate finish
- Chrome vanadium



	mm	A mm	B mm	L mm	kg
517.0922	22	15.0	43.0	165.0	0.22
517.0924	24	15.0	42.5	160.0	0.26
517.0927	27	15.5	47.0	180.0	0.33
517.0930	30	16.5	51.5	190.0	0.39
517.0932	32	16.5	54.0	195.0	0.53
517.0936	36	19.5	60.0	205.0	0.67
517.0941	41	20.5	66.0	225.0	0.79
517.0946	46	22.5	75.0	240.0	1.00
517.0950	50	23.5	80.0	250.0	1.09
517.0955	55	25.0	87.5	270.0	1.45
517.0960	60	26.0	93.5	270.0	1.58
517.0965	65	29.0	101.0	290.0	2.58
517.0970	70	32.5	109.5	320.0	2.58
517.0975	75	34.0	114.5	325.0	3.01
517.0980	80	35.0	123.0	345.0	3.52
517.0985	85	37.0	129.0	360.0	3.90
517.0990	90	41.5	152.0	400.0	6.37
517.0995	95	41.5	152.0	400.0	6.29
517.0996	100	41.5	152.0	400.0	6.03
517.1905	105	47.5	172.0	435.0	8.66
517.1910	110	47.5	172.0	435.0	8.44
517.1915	115	47.5	172.0	435.0	8.16
517.1920	120	54.0	182.0	480.0	9.86
517.1925	125	54.0	182.0	480.0	9.67
517.1930	130	58.0	202.0	520.0	12.30
517.1935	135	58.0	202.0	520.0	11.79
517.1940	140	58.0	202.0	520.0	11.96
517.1945	145	64.0	228.0	580.0	18.55
517.1950	150	64.0	228.0	580.0	17.98
517.1955	155	64.0	228.0	580.0	16.94
517.1960	160	64.0	228.0	580.0	17.89
517.1965	165	70.0	265.0	650.0	26.66
517.1970	170	70.0	265.0	650.0	26.31
517.1975	175	70.0	265.0	650.0	25.92
517.1980	180	70.0	265.0	650.0	24.60
517.1985	185	75.0	290.0	700.0	33.00
517.1990	190	75.0	290.0	700.0	32.60

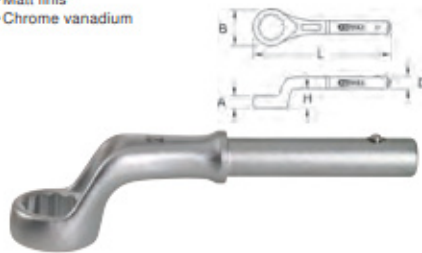
	mm	A mm	B mm	L mm	kg
517.1995	195	75.0	290.0	700.0	31.80
517.2900	200	75.0	290.0	700.0	32.00
517.2905	205	80.0	320.0	750.0	40.50
517.2910	210	80.0	320.0	750.0	39.50
517.2915	215	80.0	320.0	750.0	39.00
517.2920	220	80.0	320.0	750.0	37.40
517.2930	230	80.0	320.0	750.0	35.40
517.2951	1.1/16"	15.5	47.0	180.0	0.33
517.2954	1.1/8"	15.5	47.0	180.0	0.32
517.2955	1.3/16"	16.5	51.5	190.0	0.39
517.2953	1.1/4"	16.5	51.5	190.0	0.39
517.2958	1.5/16"	16.5	53.0	195.0	0.42
517.2957	1.3/8"	16.5	53.0	195.0	0.41
517.2960	1.7/16"	19.5	60.0	205.0	0.66
517.2952	1.1/2"	19.5	60.0	205.0	0.64
517.2962	1.9/16"	20.5	66.0	225.0	0.70
517.2959	1.5/8"	20.5	66.0	225.0	0.82
517.2963	1.11/16"	20.5	66.0	225.0	0.77
517.2956	1.3/4"	20.5	66.0	225.0	0.77
517.2964	1.13/16"	22.5	75.0	240.0	0.98
517.2961	1.7/8"	22.5	75.0	240.0	0.99
517.2965	1.15/16"	23.5	80.0	250.0	1.10
517.2966	2"	23.5	80.0	250.0	1.09
517.2967	2.1/16"	23.5	80.0	250.0	1.08
517.2970	2.1/8"	23.5	80.0	250.0	1.04
517.2971	2.3/16"	25.0	87.5	270.0	1.43
517.2969	2.1/4"	25.0	87.5	270.0	1.40
517.2974	2.5/16"	26.0	93.5	270.0	1.64
517.2973	2.3/8"	26.0	93.5	270.0	1.62
517.2976	2.7/16"	26.0	93.5	270.0	1.53
517.2968	2.1/2"	29.0	101.0	290.0	1.64
517.2978	2.9/16"	29.0	101.0	290.0	2.08
517.2975	2.5/8"	29.0	101.0	290.0	2.04
517.2972	2.3/4"	32.5	109.5	320.0	2.55
517.2979	2.13/16"	32.5	109.5	320.0	2.95
517.2977	2.7/8"	32.5	109.5	320.0	2.95
517.2980	2.15/16"	34.0	114.5	325.0	2.80
517.2981	3"	34.0	114.5	325.0	3.01
517.2984	3.1/8"	35.0	123.0	345.0	3.37
517.2983	3.1/4"	36.0	126.0	360.0	4.00
517.2986	3.3/8"	36.0	126.0	360.0	3.79
517.2982	3.1/2"	40.0	142.0	390.0	5.13
517.2987	3.5/8"	40.0	142.0	390.0	5.30
517.2985	3.3/4"	41.5	152.0	400.0	6.13
517.2988	3.7/8"	45.0	155.0	420.0	6.15
517.2989	4"	45.0	155.0	420.0	6.43
517.2992	4.1/8"	45.0	155.0	420.0	6.21
517.2991	4.1/4"	48.0	170.0	450.0	8.30
517.2990	4.1/2"	48.0	170.0	450.0	7.48
517.2993	4.3/4"	54.0	182.0	480.0	9.90
517.2994	5"	54.0	182.0	480.0	9.50
517.2995	5.1/8"	58.0	202.0	520.0	12.70
517.2997	5.3/8"	58.0	202.0	520.0	12.70
517.2996	5.3/4"	64.0	228.0	580.0	19.30
517.2998	6"	64.0	228.0	580.0	19.30

Intermediate sizes are also available upon request.

SINGLE RING ENDED SPANNER

CLASSIC offset single ring spanner

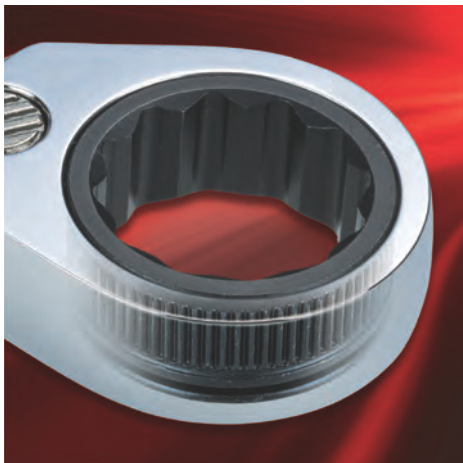
- FlankTraction Profil
- Ring head 75° offset
- With shaft for snap-on handle
- With locking pin
- Heavy duty to deliver maximum torque
- Matt finish
- Chrome vanadium



	mm	A mm	B mm	D mm	H mm	L mm	kg
517.9022	22	17.0	38.0	18.3	29.0	180.0	0.37
517.9024	24	17.0	38.0	19.0	29.5	180.0	0.35

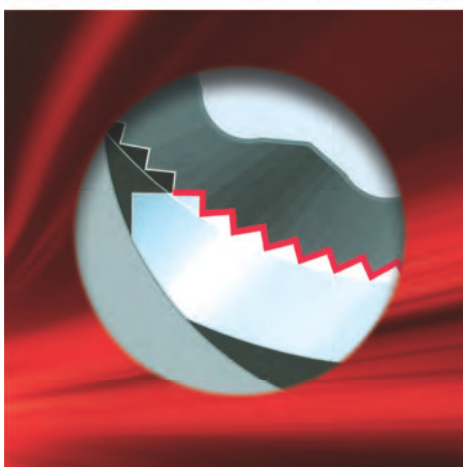
	mm	A mm	B mm	D mm	H mm	L mm	kg
517.9027	27	17.0	42.0	19.0	31.5	190.0	0.40
517.9030	30	18.0	48.0	19.0	33.5	195.0	0.45
517.9032	32	18.0	49.0	21.8	34.0	200.0	0.55
517.9036	36	18.0	49.0	21.8	34.0	200.0	0.65
517.9041	41	20.0	54.0	21.8	35.5	205.0	0.75
517.9046	46	22.0	62.0	25.0	39.5	265.0	1.05
517.9050	50	23.0	69.0	25.0	40.0	280.0	1.15
517.9055	55	25.5	76.0	25.0	42.5	290.0	1.40
517.9060	60	28.0	81.0	30.0	45.5	300.0	2.10
517.9065	65	30.5	90.0	30.0	49.0	345.0	2.30
517.9070	70	33.0	98.0	30.0	53.0	355.0	2.60
517.9075	75	35.5	105.0	30.0	55.0	365.0	3.00
517.9080	80	38.0	110.0	30.0	57.5	375.0	3.45
517.9085	85	40.5	125.0	30.0	59.0	385.0	3.80
517.9090	90	45.0	140.0	30.0	63.0	410.0	4.88
517.9095	95	45.0	140.0	30.0	63.0	410.0	5.67
517.9100	100	47.0	140.0	30.0	63.0	412.0	6.66
517.9105	105	47.0	143.0	30.0	63.0	415.0	7.50
517.9111	1"	17.0	38.0	18.3	29.0	180.0	0.37
517.9112	1.1/16"	17.0	38.0	18.3	31.5	185.0	0.41
517.9115	1.1/8"	17.0	38.0	18.3	33.0	185.0	0.41
517.9116	1.3/16"	18.0	48.0	18.3	33.0	195.0	0.49
517.9114	1.1/4"	18.0	49.0	21.3	34.0	230.0	0.72
517.9119	1.5/16"	20.0	54.0	21.3	34.0	240.0	0.72
517.9118	1.3/8"	20.0	54.0	21.3	35.0	240.0	0.84
517.9121	1.7/16"	20.0	54.0	21.3	35.0	250.0	0.84
517.9113	1.1/2"	20.0	54.0	21.3	39.0	240.0	0.84
517.9123	1.9/16"	23.0	69.0	21.3	39.0	250.0	0.94
517.9120	1.5/8"	23.0	69.0	21.3	39.0	250.0	0.94
517.9124	1.11/16"	23.0	69.0	21.3	39.0	250.0	0.94
517.9117	1.3/4"	22.0	62.0	21.4	40.0	250.0	0.94
517.9125	1.13/16"	23.0	69.0	21.3	40.0	260.0	1.30
517.9122	1.7/8"	23.0	69.0	24.1	40.0	260.0	1.30
517.9126	2"	28.0	81.0	24.1	42.0	270.0	1.45
517.9127	2.1/16"	28.0	81.0	24.1	42.0	270.0	1.45
517.9130	2.1/8"	28.0	81.0	24.1	45.0	270.0	1.45
517.9131	2.3/16"	28.0	81.0	24.1	45.0	270.0	1.50
517.9129	2.1/4"	28.0	81.0	24.1	45.0	270.0	1.50
517.9134	2.5/16"	30.5	90.0	29.1	49.0	325.0	2.40
517.9133	2.3/8"	30.5	90.0	29.1	49.0	325.0	2.40
517.9135	2.7/16"	30.5	90.0				

GEARplus® RATCHETING SPANNER



The GEARplus® ratcheting spanner offer all the benefits of a ratchet and much more...

The ultra slimline design of the ring sides allows work in very narrow places, even where normal ratchets and sockets can't be used
Allows very quick loosening or tightening of difficult nuts and bolts.



Further development of the progressive gearing means an increase in the transmission of up to 30% more torque compared to previous ring ratcheting spanners. The components of the ratchet mechanism are manufactured from special high grade steel. Thereby the GEARplus® exceeds and even surpasses the DIN and ANSI torque standards for standard combination spanners.



The especially robust ratchet mechanism with 72 teeth works with a ratcheting angle of only 5° which makes it possible to work in confined spaces. The future of ratchets.
Standard combination wrenches require a ratcheting angle of at least 30° which means continual re-mounting of the wrench. This awkward process now belongs to the past.



All GEARplus® ratchet ring spanners are of course fitted with the proven FlankTraction system to optimise the torque transmission. This enables 100% power transfer to the faces of the nuts or bolts being worked on. A further multitude of applications are offered by the valued bit and socket adaptors which can be obtained as separate accessories.



GEARplus® MINI REVERSIBLE COMBINATION SPANNER

GEARplus® combination ratcheting spanner, stubby

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- With reverse lever
- High quality finis
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	g
503.4631	8	6.5	4.0	16.6	16.7	90.0	30
503.4632	9	6.9	4.4	18.4	18.8	93.0	40
503.4633	10	7.3	4.8	20.0	20.8	95.0	45
503.4634	11	7.7	5.2	21.8	23.0	103.0	50
503.4635	12	8.2	5.5	22.7	25.0	106.0	55
503.4636	13	8.6	5.8	24.7	27.1	108.0	60
503.4637	14	9.0	6.2	27.0	29.2	115.0	70
503.4638	15	9.4	6.5	28.3	31.3	119.0	90
503.4639	16	10.0	6.8	30.0	33.4	123.0	100
503.4640	17	10.3	7.2	31.8	35.5	127.0	110
503.4641	18	10.7	7.7	32.6	37.6	131.0	120
503.4642	19	11.2	8.2	33.8	39.7	139.0	150



GEARplus® combination ratcheting spanner set, stubby

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- With reverse lever
- High quality finis
- Chrome vanadium
- In durable plastic storage case



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	g
503.4652	12 pcs	GEARplus® combination ratcheting spanner set, stubby					1.08
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm					

GEARplus® combination ratcheting spanner set, stubby

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- With reverse lever
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- High quality finis
- Chrome vanadium
- In durable plastic storage case



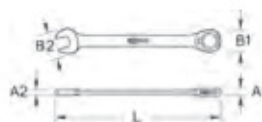
1/4" 3/8" 1/2"

	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	g
503.4653	16 pcs	GEARplus® combination ratcheting spanner set, stubby					1.35
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm					
1 x		1/4"					
3 x		1/4" - 3/8" - 1/2"					

GEARplus® COMBINATION SPANNER

GEARplus® Combination ratcheting spanner

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	g
503.42055	5,5	6,3	3,9	14,0	15,0	127,5	20
503.4206	6	6,3	3,9	14,0	15,0	128,0	25
503.4207	7	6,5	4,0	16,8	16,7	140,0	30
503.4208	8	6,5	4,0	16,8	16,7	140,0	30
503.4209	9	6,9	4,4	18,8	18,7	149,0	40
503.4210	10	7,3	4,8	20,8	20,8	158,0	50
503.4211	11	7,7	5,2	21,8	23,0	165,0	60
503.4212	12	8,2	5,5	22,8	24,6	171,0	70
503.4213	13	8,6	5,8	24,8	26,8	178,0	80
503.4214	14	9,0	6,2	27,8	29,0	190,0	110
503.4215	15	9,4	6,5	28,8	31,0	199,0	120
503.4216	16	9,9	6,8	30,8	33,0	208,0	150
503.4217	17	10,3	7,2	31,8	35,5	225,0	180
503.4218	18	10,7	7,7	32,8	37,5	236,0	210

	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	g
503.4219	19	11,2	8,2	33,8	39,4	247,0	240
503.4221	21	13,0	9,0	40,0	45,8	289,0	340
503.4222	22	13,0	9,0	40,0	45,8	289,0	345
503.4224	24	14,5	10,0	46,0	51,8	322,0	470
503.4227	27	15,5	10,5	52,0	56,4	358,0	580
503.4228	30	17,0	11,4	58,0	62,7	401,0	860
503.4229	32	17,5	12,5	62,0	66,4	424,0	1060
503.4230	34	17,5	13,0	62,0	70,0	459,0	1170
503.4248	41	19,5	16,5	71,0	86,0	565,0	2000
503.4102	5/16"	6,5	4,0	16,8	16,7	140,0	30
503.4103	3/8"	7,3	4,8	20,8	20,8	158,0	40
503.4104	7/16"	7,7	5,2	21,8	23,0	165,0	50
503.4105	1/2"	8,6	5,8	24,8	26,8	178,0	70
503.4106	9/16"	9,0	6,2	27,8	29,0	190,0	110
503.4107	5/8"	9,9	6,8	30,8	33,0	208,0	130
503.4108	11/16"	10,3	7,2	31,8	35,5	225,0	170
503.4109	3/4"	11,2	8,2	33,8	39,4	247,0	220

GEARplus® Combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	g
503.4202	5 pcs	5/16" - 3/8" - 1/2" - 11/16" - 3/4"					0.69
503.4204	4 pcs	10 - 13 - 17 - 19 mm					0.65
503.4205	5 pcs	8 - 10 - 13 - 17 - 19 mm					0.69
503.4270	4 pcs	24 - 27 - 30 - 32 mm					3.07

GEARplus® ratchet combination spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	g
503.4255	5 pcs	GEARplus® ratchet combination spanner set					670
5 x		8 - 10 - 13 - 17 - 19 mm					



GEARplus® combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic storage case



503.4259	6 pcs	GEARplus® combination ratcheting spanner set	0.97
6 x		8 - 10 - 12 - 13 - 17 - 19 mm	

GEARplus® combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic storage case



503.4265	12 pcs	GEARplus® combination ratcheting spanner set	1.88
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	



GEARplus® combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Straight form
- Exact gearing with 72 teeth
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic storage case



503.4260	10 pcs	GEARplus® combination ratcheting spanner set	1.06
6 x		8 - 10 - 12 - 13 - 17 - 19 mm	
1 x		1/4"	
3 x		1/4" - 3/8" - 1/2"	

GEARplus® combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Straight form
- Exact gearing with 72 teeth
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic storage case



503.4266	16 pcs	GEARplus® combination ratcheting spanner set	1.73
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
1 x		1/4"	
3 x		1/4" - 3/8" - 1/2"	

GEARplus® combination ratcheting spanner display

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium



503.4200	70 pcs	GEARplus® combination ratcheting spanner display	2.87
60 x		5 x (8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm)	
5 x		1/4"; 1/4" - 3/8" - 1/2"	
5 x		5/16" - 10 mm	



GEARplus® REVERSIBLE COMBINATION SPANNER

GEARplus® eversing combination ratcheting spanner

- FlankTraction Profil
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- With reverse lever
- High quality finish
- Chrome vanadium



	mm		A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
503.4606	6		6.3	3.9	14.0	15.0	127.5	30
503.4607	7		6.5	4.6	16.4	16.2	140.0	30
503.4608	8		6.5	4.6	16.4	16.2	140.0	30
503.4609	9		6.9	4.9	18.3	18.2	150.0	40
503.4610	10		7.3	5.3	20.0	20.5	159.0	50
503.4611	11		7.7	5.6	21.4	22.6	166.0	60
503.4612	12		8.2	6.0	22.6	24.6	172.0	70
503.4613	13		8.6	6.4	24.5	26.7	178.0	80
503.4614	14		9.0	6.8	27.0	28.8	191.0	100
503.4615	15		9.4	7.0	28.2	30.8	200.0	120
503.4616	16		9.9	7.2	30.3	33.2	208.0	150
503.4617	17		10.3	7.7	31.6	35.1	225.0	160
503.4618	18		10.7	8.2	32.3	37.2	236.0	190
503.4619	19		11.2	8.8	33.7	39.3	248.0	220
503.4621	21		13.0	9.0	40.1	46.2	290.0	245
503.4622	22		13.0	9.0	40.1	46.2	290.0	360
503.4624	24		14.5	10.0	46.5	51.5	323.0	470
503.4627	27		15.5	10.5	52.5	56.5	357.0	660

	mm		A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
503.4628	30		17.0	11.4	58.5	62.7	400.0	860
503.4629	32		17.5	12.5	62.5	66.4	423.0	1050
503.4630	34		17.5	13.0	62.5	70.6	460.0	1200
503.4643	36		18.0	13.4	65.8	79.0	488.0	1300
503.4644	38		18.0	13.4	65.8	79.0	488.0	1400
503.4648	41		19.5	16.5	71.0	86.0	565.0	2000
503.4681	5/16"	8.5	4.0	16.6	16.7	145.0	30	
503.4683	3/8"	7.3	4.8	20.0	20.8	159.0	60	
503.4684	7/16"	7.7	5.2	21.8	23.0	165.0	70	
503.4685	1/2"	8.6	5.8	24.7	27.1	178.0	80	
503.4686	9/16"	9.0	6.5	27.0	29.2	190.0	100	
503.4687	5/8"	9.9	6.8	30.0	33.4	208.0	140	
503.4688	11/16"	10.3	7.2	31.8	35.5	225.0	170	
503.4689	3/4"	11.2	8.2	33.8	39.7	248.0	230	

GEARplus® eversing combination ratcheting spanner

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- With reverse lever
- High quality finish
- Chrome vanadium



			kg
503.4604	4 pcs	10 - 13 - 17 - 19 mm	650
503.4605	5 pcs	8 - 10 - 13 - 17 - 19 mm	700
503.4602	5 pcs	5/16" - 3/8" - 1/2" - 11/16" - 3/4"	600

GEARplus® eversing combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- With reverse lever
- High quality finish
- Chrome vanadium
- In durable plastic storage case



			kg
503.4646	6 pcs	GEARplus® eversing combination ratcheting spanner set	1,04
6 x		8 - 10 - 12 - 13 - 17 - 19 mm	

GEARplus® eversing combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- With reverse lever
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- High quality finish
- Chrome vanadium
- In durable plastic storage case



1/4" 3/8" 1/2"

			kg
503.4650	9 pcs	GEARplus® eversing combination ratcheting spanner set	1,10
5 x		8 - 10 - 13 - 17 - 19 mm	
1 x		1/4"	
3 x		1/4" - 3/8" - 1/2"	

GEARplus® eversing combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- With reverse lever
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- High quality finish
- Chrome vanadium
- In durable plastic storage case



1/4" 3/8" 1/2"

			kg
503.4647	10 pcs	GEARplus® eversing combination ratcheting spanner set	1,11
6 x		8 - 10 - 12 - 13 - 17 - 19 mm	
1 x		1/4"	
3 x		1/4" - 3/8" - 1/2"	

GEARplus® reversing combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- With reverse lever
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- High quality finis
- Chrome vanadium
- In durable plastic storage case



1/4" 3/8" 1/2"

		KG	
503.4666	16 pcs	GEARplus® reversing combination ratcheting spanner set	1.79
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
1 x		1/4"	
3 x		1/4" - 3/8" - 1/2"	

GEARplus® reversing combination ratcheting spanner set

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- With reverse lever
- High quality finis
- Chrome vanadium
- In durable plastic storage case



		KG	
503.4665	12 pcs	GEARplus® reversing combination ratcheting spanner set	1.71
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	

GEARplus® reversing combination ratcheting spanner display

- FlankTraction profile 12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- With reverse lever
- High quality finis
- Chrome vanadium



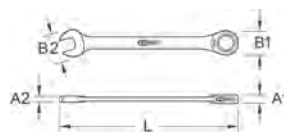
1/4" 3/8" 1/2" 5/16" 3/8" 10 mm

		KG	
503.4600	70 pcs	GEARplus® reversing combination ratcheting spanner display	2.82
60 x		5 x (8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm)	
5 x		1/4" ; 1/4" - 3/8" - 1/2"	
5 x		5/16" - 10 mm	

DUO GEARplus® COMBINATION RATCHETING SPANNER

DUO GEARplus® combination spanner set with ratchet mechanism in ring and open jaw

- Open end side with innovative ratchet mechanism
- FlankTraction Profil
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Straight form
- Exact gearing with 72 teeth
- High quality finis
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	Nm	Nm	KG
503.5208	8	6.5	4.1	16.4	16.2	140.0	15.0	36.0	30
503.5209	9	6.9	4.3	18.3	18.3	150.0	21.1	48.0	40
503.5210	10	7.3	4.8	20.0	20.0	159.0	31.1	85.2	50
503.5211	11	7.7	5.1	21.4	21.4	166.0	46.1	96.0	60
503.5212	12	8.2	5.3	22.6	22.6	172.0	49.1	109.2	70
503.5213	13	8.6	5.9	24.5	24.5	178.0	62.1	138.0	80
503.5214	14	9.0	6.3	27.0	27.0	191.0	86.0	189.6	110
503.5215	15	9.4	6.6	28.2	28.2	200.0	104.1	240.0	120
503.5216	16	9.9	6.9	30.3	30.3	208.0	124.1	297.6	150
503.5217	17	10.3	7.3	31.6	31.6	225.0	139.1	320.4	170
503.5218	18	10.7	7.8	32.3	32.3	236.0	155.1	364.8	210
503.5219	19	11.2	8.3	33.7	33.7	248.0	186.1	387.6	220
503.5221	21	13.0	8.8	40.1	46.2	290.0	248.1	446.4	340
503.5222	22	13.0	8.8	40.1	46.2	290.0	279.1	489.6	340
503.5224	24	14.5	9.8	46.5	51.5	323.0	341.2	610.8	470
503.5227	27	15.5	10.4	52.9	56.1	352.0	432.0	805.2	650
503.5228	30	17.1	11.2	57.6	62.5	396.0	570.0	954.0	875
503.5229	32	17.6	12.1	61.9	66.2	418.0	650.0	1086.0	1035

DUO GEARplus® combination spanner set with ratchet mechanism in ring and open jaw

- Open end side with innovative ratchet mechanism
- FlankTraction Profil
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Straight form
- Exact gearing with 72 teeth
- High quality finis
- Chrome vanadium
- In durable plastic holder



		KG	
503.5205	5 pcs	8 - 10 - 13 - 17 - 19 mm	0.66

DUO GEARplus® combination spanner with ratchet mechanism in ring and open jaw, reversible

- Open end side with innovative ratchet mechanism
- FlankTraction Profil
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ring head 15° offset
- With reverse lever
- Exact gearing with 72 teeth
- High quality finis
- Chrome vanadium



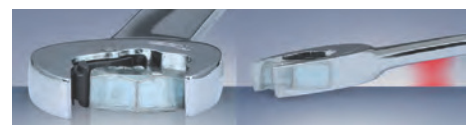
	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	Nm	Nm	KG
503.5908	8	6.5	4.1	16.4	16.2	140.0	15.0	36.0	40
503.5909	9	6.9	4.3	18.3	18.2	150.0	21.1	48.0	45
503.5910	10	7.3	4.8	20.0	20.5	159.0	31.1	85.2	50
503.5911	11	7.7	5.1	21.4	22.6	166.0	46.1	96.0	60
503.5912	12	8.2	5.3	22.6	24.6	172.0	49.1	109.2	70
503.5913	13	8.6	5.9	24.5	26.7	178.0	62.1	138.0	80
503.5914	14	9.0	6.3	27.0	28.8	191.0	86.0	189.6	100
503.5915	15	9.4	6.6	28.2	30.8	200.0	104.1	240.0	120
503.5916	16	9.9	6.9	30.3	33.2	208.0	124.1	297.6	140
503.5917	17	10.3	7.3	31.6	35.1	225.0	139.1	320.4	170
503.5918	18	10.7	7.8	32.3	37.2	236.0	155.1	364.8	200
503.5919	19	11.2	8.3	33.7	39.3	248.0	186.1	387.6	210
503.5921	21	13.0	8.8	40.1	46.2	290.0	248.1	446.4	340
503.5922	22	13.0	8.8	40.0	46.2	290.0	279.1	489.6	340
503.5924	24	14.5	9.8	46.5	51.5	323.0	341.2	610.8	470
503.5927	27	15.5	10.4	52.9	56.1	352.0	432.0	805.2	650
503.5928	30	17.1	11.2	57.6	62.5	396.0	570.0	954.0	875
503.5929	32	17.6	12.1	61.9	66.2	418.0	650.0	1086.0	1035

DUO GEARplus® combination spanner set with ratchet mechanism in ring and open jaw, reversible

- Open end side with innovative ratchet mechanism
- FlankTraction Profil
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ring head 15° offset
- With reverse lever
- Exact gearing with 72 teeth
- High quality finis
- Chrome vanadium
- In durable plastic holder



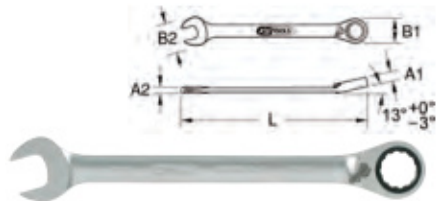
		KG	
503.5905	5 pcs	8 - 10 - 13 - 17 - 19 mm	0.66



GEARplus® RING STOP COMBINATION SPANNER

GEARplus® reversing combination ratcheting spanner

- FlankTraction profile (12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- With reverse lever
- Ring stop function
- High quality finis
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
503.4908	8	6.5	4.6	16.6	16.7	140.0	40
503.4909	9	6.9	4.9	18.4	18.8	150.0	45
503.4910	10	7.3	5.3	20.0	20.8	159.0	50
503.4911	11	7.7	5.6	21.8	23.0	165.0	60
503.4912	12	8.2	6.0	22.7	25.0	172.0	70
503.4913	13	8.6	6.4	24.7	27.1	178.0	80
503.4914	14	9.0	6.8	27.0	29.2	191.0	100
503.4915	15	9.4	7.0	28.3	31.1	200.0	120
503.4916	16	9.9	7.2	30.0	33.4	208.0	140
503.4917	17	10.3	7.7	31.8	35.5	226.0	170
503.4918	18	10.7	8.2	32.6	37.6	237.0	200
503.4919	19	11.2	8.8	33.8	39.7	248.0	210

GEARplus® Socket adapter with go through

- FlankTraction profile (12 point)
- With go through function
- Suitable for ring stop spanners
- Chrome plated and mirror polished
- Chrome vanadium



	mm	B mm	L mm	kg
503.4978	8	12.0	19.8	10
503.4979	9	12.0	21.2	10
503.4980	10	15.0	22.6	10
503.4981	11	16.2	22.9	10
503.4982	12	17.4	24.5	20
503.4983	13	18.7	25.8	20
503.4984	14	19.9	26.1	20
503.4985	15	20.8	28.0	30
503.4986	16	22.6	29.5	30
503.4987	17	23.7	30.6	30
503.4988	18	24.5	32.0	40
503.4989	19	26.1	33.5	50

GEARplus® reversing combination ratcheting spanner set

- FlankTraction profile (12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- With reverse lever
- High quality finis
- Chrome vanadium
- In durable plastic storage case



	mm	kg
503.4955	5 pcs 8 - 10 - 13 - 17 - 19 mm	660

GEARplus® reversing combination ratcheting spanner set

- FlankTraction profile (12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- Ratchet head 15° offset
- With reverse lever
- Versatile sockets with go through function
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- High quality finis
- Chrome vanadium
- In durable plastic storage case



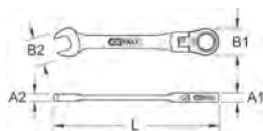
1/4" 3/8" 1/2" 5/16" 10 mm

		GEARplus® reversing combination ratcheting spanner set	kg
503.4960	30 pcs	GEARplus® reversing combination ratcheting spanner set	2,43
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
3 x		1/4" - 5/16" - 10 mm	
3 x		1/4" - 3/8" - 1/2"	

GEARplus® FLEXIBLE COMBINATION RATCHETING SPANNER

GEARplus® fl xible combination ratcheting spanner

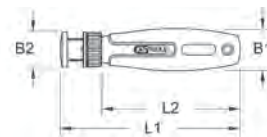
- FlankTraction profile (12 point)
- In accordance to DIN 3110 / ISO 3318
- Jaw 15° offset
- Exact gearing with 72 teeth
- With fl xible head
- 180° revolving head
- High quality finis
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
503.4708	8	6.5	4.3	16.7	16.2	127.0	30
503.4709	9	6.9	4.6	18.6	18.2	131.5	40
503.4710	10	7.3	5.0	20.0	20.3	136.0	50
503.4711	11	7.7	5.4	21.8	22.5	141.0	60
503.4712	12	8.2	5.8	23.0	24.3	147.5	70
503.4713	13	8.6	6.1	25.2	26.8	154.0	80
503.4714	14	9.0	6.4	26.8	28.3	160.0	100
503.4715	15	9.4	6.9	28.3	29.8	169.0	120
503.4716	16	9.9	7.2	29.8	31.8	179.0	150
503.4717	17	10.3	7.6	31.8	32.8	190.0	160
503.4718	18	10.7	8.0	32.8	37.0	203.0	190
503.4719	19	11.2	8.6	33.9	39.2	215.0	220
503.4721	21	13.0	9.0	40.0	46.0	274.0	400
503.4722	22	13.0	9.0	40.0	46.0	274.0	400
503.4724	24	14.5	10.0	46.0	52.2	296.0	550

Handle for fl xible combination ratcheting spanner

- Two component handle
- Suitable as a crank handle ratchet
- Mirror polished chrome
- Chrome vanadium



	mm	B1 mm	B2 mm	L1 mm	L2 mm	kg
503.0100	8-19	34.0	28.0	143.0	110.0	160

GEARplus® fl xible combination ratcheting spanner set

- FlankTraction profile (12 point)
- In accordance to DIN 3110 / ISO 3318
- Jaw 15° offset
- Exact gearing with 72 teeth
- With fl xible head
- 180° revolving head
- High quality finis
- Chrome vanadium
- In durable plastic storage case



		GEARplus® fl xible combination ratcheting spanner set	kg
503.4759	6 pcs	GEARplus® fl xible combination ratcheting spanner set	1,90
6 x		8 - 10 - 12 - 13 - 17 - 19 mm	



GEARplus® fl xible combination ratcheting spanner set

- FlankTraction profile (12 point)
- In accordance to DIN 3110 / ISO 3318
- Jaw 15° offset
- Exact gearing with 72 teeth
- With fl xible head
- 180° revolving head
- Square drive adaptor to DIN 3120-ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- High quality finis
- Chrome vanadium
- In durable plastic storage case



1/4" 3/8" 1/2"

		kg	
503.4760	10 pcs	GEARplus® fl xible combination ratcheting spanner set	2.00
6 x		8 - 10 - 12 - 13 - 17 - 19 mm	
1 x		1/4"	
3 x		1/4" - 3/8" - 1/2"	

GEARplus® fl xible combination ratcheting spanner set

- FlankTraction profile (12 point)
- In accordance to DIN 3110 / ISO 3318
- Jaw 15° offset
- Exact gearing with 72 teeth
- With fl xible head
- 180° revolving head
- Square drive adaptor to DIN 3120-ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- High quality finis
- Chrome vanadium
- In durable plastic storage case



1/4" 3/8" 1/2"

		kg	
503.4766	16 pcs	GEARplus® fl xible combination ratcheting spanner set	2.66
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
1 x		1/4"	
3 x		1/4" - 3/8" - 1/2"	

GEARplus® fl xible combination ratcheting spanner set

- FlankTraction profile (12 point)
- In accordance to DIN 3110 / ISO 3318
- Jaw 15° offset
- Exact gearing with 72 teeth
- With fl xible head
- 180° revolving head
- High quality finis
- Chrome vanadium
- In durable plastic storage case



		kg	
503.4765	12 pcs	GEARplus® fl xible combination ratcheting spanner set	2.56
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	

GEARplus® fl xible combination ratcheting spanner display

- FlankTraction profile (12 point)
- In accordance to DIN 3110 / ISO 3318
- Jaw 15° offset
- Exact gearing with 72 teeth
- With fl xible head
- 180° revolving head
- High quality finis
- Chrome vanadium



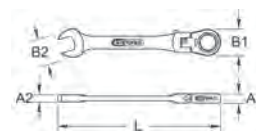
1/4" 3/8" 1/2" 5/16" 10 mm

		kg	
503.4700	70 pcs	GEARplus® fl xible combination ratcheting spanner display	2.74
60 x		5 x (8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm)	
5 x		1/4" ; 1/4" - 3/8" - 1/2"	
5 x		5/16" - 10 mm	

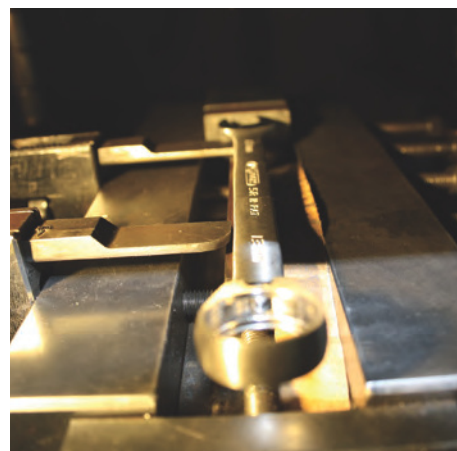
GEARplus® FLEXIBLE LOCKING COMBINATION RATCHETING SPANNER

GEARplus® fl xible locking combination ratcheting spanner

- FlankTraction profile (12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- With fl xible locking head
- Exact gearing with 72 teeth
- 180° revolving head
- High quality finis
- Chrome vanadium

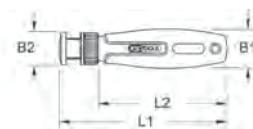


	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
503.4808	8	6.5	4.3	16.7	16.2	127.0	30
503.4809	9	6.9	4.6	18.6	18.2	131.5	40
503.4810	10	7.3	5.0	20.0	20.3	136.0	50
503.4811	11	7.7	5.4	21.8	22.5	141.0	60
503.4812	12	8.2	5.8	23.0	24.3	147.5	70
503.4813	13	8.6	6.1	25.2	26.8	154.0	80
503.4814	14	9.0	6.4	26.8	28.7	160.0	100
503.4815	15	9.4	6.9	28.3	30.5	169.0	120
503.4816	16	9.9	7.2	29.8	32.9	179.0	150
503.4817	17	10.3	7.6	31.8	34.5	190.0	160
503.4818	18	10.7	8.0	32.8	37.0	203.0	190
503.4819	19	11.2	8.6	33.9	39.2	215.0	220



Handle for fl xible combination ratcheting spanner

- Two component handle
- Suitable as a crank handle ratchet
- Mirror polished chrome
- Chrome vanadium



	mm	B1 mm	B2 mm	L1 mm	L2 mm	kg
503.0100	8-19	34.0	28.0	143.0	110.0	160

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GEARplus® fl xible locking combination ratcheting spanner set

- FlankTraction profile (12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- With fl xible locking head
- Exact gearing with 72 teeth
- 180° revolving head
- High quality finis
- Chrome vanadium
- In durable plastic storage case



503.4859	6 pcs	GEARplus® fl xible locking combination ratcheting spanner set	1.21
6 x		8 - 10 - 12 - 13 - 17 - 19 mm	

GEARplus® fl xible locking combination ratcheting spanner set

- FlankTraction profile (12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- With fl xible locking head
- Exact gearing with 72 teeth
- 180° revolving head
- Square drive adaptor to DIN 3120-ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- High quality finis
- Chrome vanadium
- In durable plastic storage case



503.4867	12 pcs	GEARplus® fl xible locking combination ratcheting spanner set	1.30
6 x		8 - 10 - 12 - 13 - 17 - 19 mm	
3 x		1/4" - 5/16" - 10 mm	
3 x		1/4" - 3/8" - 1/2"	

GEARplus® fl xible locking combination ratcheting spanner set

- FlankTraction profile (12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- With fl xible locking head
- Exact gearing with 72 teeth
- 180° revolving head
- High quality finis
- Chrome vanadium
- In durable plastic storage case



503.4865	12 pcs	GEARplus® fl xible locking combination ratcheting spanner set	2.56
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	

GEARplus® fl xible locking combination ratcheting spanner set

- FlankTraction profile (12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- With fl xible locking head
- Exact gearing with 72 teeth
- 180° revolving head
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- High quality finis
- Chrome vanadium
- In durable plastic storage case



503.4868	18 pcs	GEARplus® fl xible locking combination ratcheting spanner set	2.90
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
3 x		1/4" - 5/16" - 10 mm	
3 x		1/4" - 3/8" - 1/2"	

GEARplus® fl xible locking combination ratcheting spanner display

- FlankTraction profile (12 point)
- In accordance to DIN 3113 / ISO 3318
- Jaw 15° offset
- With fl xible locking head
- Exact gearing with 72 teeth
- 180° revolving head
- High quality finis
- Chrome vanadium



1/4" 3/8" 1/2" 5/8" 3/4" 1"

503.4800	70 pcs	GEARplus® fl xible locking combination ratcheting spanner display	2.82
60 x		5 x (8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm)	
5 x		1/4" ; 1/4" - 3/8" - 1/2"	
5 x		5/16" - 10 mm	

GEARplus® DOUBLE RING SPANNER

GEARplus® Double ratchet ring spanner

- FlankTraction profile (12 point)
- In accordance to DIN 3110 / ISO 3318
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium



mm	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
503.4502	8x9	6.5	6.9	16.8	20.2	128.0	60
503.4511	8x10	7.3	6.5	20.0	17.0	128.0	40
503.4503	10x11	7.3	7.7	20.2	20.2	150.0	80
503.4512	10x13	7.3	8.6	20.2	20.2	150.0	80
503.4504	12x13	8.2	8.6	23.0	23.0	170.0	100
503.4505	14x15	9.0	9.4	26.5	26.5	190.0	140
503.4506	16x18	9.9	10.7	29.5	29.5	210.0	180
503.4507	17x19	10.3	11.2	31.5	31.5	230.0	220
503.4402	5/16"x3/8"	6.5	7.3	16.8	20.2	128.0	40
503.4403	7/16"x1/2"	7.7	8.6	23.0	24.8	170.0	80
503.4404	9/16"x5/8"	9.0	9.9	26.5	29.5	190.0	125
503.4405	11/16"x3/4"	10.3	11.2	31.5	33.5	230.0	200

GEARplus® double ratchet ring spanner set

- FlankTraction profile (12 point)
- In accordance to DIN 3310 / ISO 3318
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium



503.4552	2 pcs	10x13 - 17x19 mm	335

GEARplus® double ratchet ring spanner set

- FlankTraction profile (12 point)
- In accordance to DIN 3310 / ISO 3318
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium
- Supplied in a leather pouch



503.4557	6 pcs	8x9 - 10x11 - 12x13 - 14x15 - 16x18 - 17x19 mm	900
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GEARplus® double ratchet ring spanner set

- FlankTraction profile (12 point)
- In accordance to DIN 3310 / ISO 3318
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic storage case



503.4556	6 pcs	GEARplus® double ratchet ring spanner set	790
6 x		8x9 - 10x11 - 12x13 - 14x15 - 16x18 - 17x19 mm	

GEARplus® double ratchet ring spanner set

- FlankTraction profile (12 point)
- In accordance to DIN 3310 / ISO 3318
- Straight form
- Exact gearing with 72 teeth
- Square drive adaptor to DIN 3120- ISO 1174 with ball lock
- For bits to DIN 3126 / C 6,3
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic storage case



1/4" 3/8" 1/2"

503.4560	10 pcs	GEARplus® double ratchet ring spanner set	1.20
6 x		8x9 - 10x11 - 12x13 - 14x15 - 16x18 - 17x19 mm	
1 x		1/4"	
3 x		1/4" - 3/8" - 1/2"	

GEARplus® 4 IN 1 DOUBLE RING SPANNER

4 in 1 GEARplus® reversing double ratchet ring spanner

- FlankTraction profile (12 point)
- In accordance to DIN 3110 / ISO 3318
- Straight form
- Exact gearing with 72 teeth
- Four different sizes on each spanner
- With reverse lever
- High quality finis
- Chrome vanadium



	mm	A1 mm	A2 mm	A3 mm	A4 mm	B1 mm	B2 mm	L mm	kg
503.4541	8x11-9x10	7.7	7.3	14.6	13.8	21.8	20.0	150.0	68
503.4556	8x10-12x13	8.6	7.3	16.8	13.8	24.8	16.8	150.0	86
503.4543	12x15-13x14	9.4	9.0	18.0	17.1	29.5	18.0	190.0	147
503.4565	10x19-13x17	11.2	9.0	21.9	17.1	33.6	21.9	190.0	196
503.4546	16x19-17x18	11.2	10.3	21.9	20.2	33.5	21.9	230.0	244
503.4657	14x17-18x19	11.2	10.3	21.9	19.3	33.5	21.9	230.0	245
503.4553	21x27-22x24	16.0	13.0	30.0	26.0	52.0	40.0	275.0	610
503.4554	30x36-32x34	18.0	18.0	36.0	35.0	65.0	62.0	360.0	1400

	mm	A1 mm	A2 mm	A3 mm	A4 mm	B1 mm	B2 mm	L mm	kg
503.4586	5/16"x1/2"-3/8"x7/16"	8.6	7.3	16.8	13.8	24.8	20.2	150.0	91
503.4589	9/16"x3/4"-5/8"x11/16"	11.2	10.3	21.9	19.3	33.5	31.5	230.0	238

4 in 1 GEARplus® fl xible reversing double ratchet ring spanner

- FlankTraction profile (12 point)
- In accordance to DIN 3110 / ISO 3318
- Straight form
- Exact gearing with 72 teeth
- With fl xible head
- Four different sizes on each spanner
- With reverse lever
- High quality finis
- Chrome vanadium



	mm	A1 mm	A2 mm	A3 mm	A4 mm	B1 mm	B2 mm	L mm	kg
503.4745	10x13-17x19	11.2	9.0	22.0	17.1	33.7	27.0	253.0	196

4 in 1 GEARplus® reversing double ratchet ring spanner

- FlankTraction profile (12 point)
- Straight form
- Exact gearing with 72 teeth
- Four different sizes on each spanner
- With reverse lever
- High quality finis
- Chrome vanadium

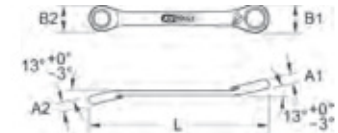


	pcs	mm	kg
503.4655	2 pcs	8x10 - 12x13 - 14x17 - 18x19 mm	340
503.4550	2 pcs	21x27 - 22x24 - 30x36 - 32x34 mm	2010
503.4540	3 pcs	8x11 - 9x10 - 12x15 - 13x14 - 16x19 - 17x18 mm	550

GEARplus® REVERSIBLE DOUBLE RING SPANNER

GEARplus® reversing double ratchet ring spanner

- FlankTraction profile (12 point)
- In accordance to DIN 3110 / ISO 3318
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- With reverse lever
- High quality finis
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
503.4571	8x9	6.9	6.5	20.2	16.8	128.0	60
503.4572	8x10	7.4	6.7	20.2	16.7	128.0	65
503.4573	10x11	7.7	7.3	21.8	20.2	150.0	70
503.4574	10x13	8.7	7.4	25.4	20.5	150.0	80
503.4575	12x13	8.6	8.2	24.8	23.0	170.0	100
503.4576	14x15	9.4	9.0	29.5	26.5	190.0	140
503.4577	16x18	10.7	9.9	33.5	29.5	210.0	180
503.4578	17x19	11.2	10.3	33.5	31.5	230.0	220

GEARplus® double reversing ratchet ring spanner

- FlankTraction profile (12 point)
- In accordance to DIN 3110 / ISO 3318
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- With reverse lever
- High quality finis
- Chrome vanadium
- Supplied in a leather pouch

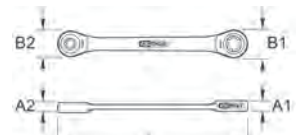


503.4580	6 pcs	8x9 - 10x11 - 12x13 - 14x15 - 16x18 - 17x19 mm	790
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GEARplus® TX DOUBLE RING SPANNER

GEARplus® Double ring ratchet spanner for TX E profil

- TX E profil
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium



	mm	A1 mm	A2 mm	B1 mm	B2 mm	L mm	kg
503.4351	E6 x E8	6.5	6.9	16.8	20.2	128.0	70
503.4353	E10 x E12	7.3	7.7	20.2	21.8	150.0	60
503.4355	E14 x E18	9.0	9.9	26.5	29.5	190.0	150
503.4357	E20 x E24	10.3	11.2	31.5	33.5	230.0	230

GEARplus® Double ring ratchet spanner set for TX E profil

- TX E profil
- Straight form
- Exact gearing with 72 teeth
- Chrome plated and mirror polished
- Chrome vanadium



503.4364	4 pcs	E6xE8 - E10xE12 - E14xE18 - E20xE24	630
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GEARplus® UNIVERSAL DOUBLE RING SPANNER SETS

GEARplus® Universal double ratchet ring spanner set

- 6 point
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- Reversible
- With go-through facility
- The collar on each insert prevents slipping
- Especially suitable for narrow hard to access areas
- Matt finish
- Chrome vanadium
- In durable plastic storage case



503.4625	8 pcs	GEARplus® Universal double ratchet ring spanner set	500
1 x		14 x 19 mm	
7 x		5/16" - 3/8" - 7/16" - 1/2" - 9/16" - 5/8" - 11/16"	

GEARplus® Universal double ratchet ring spanner set

- 6 point
- Ratchet head 15° offset
- Exact gearing with 72 teeth
- Reversible
- With go-through facility
- The collar on each insert prevents slipping
- Especially suitable for narrow hard to access areas
- Matt finish
- Chrome vanadium
- In durable plastic storage case

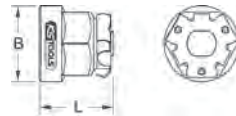


503.4645	10 pcs	GEARplus® Universal double ratchet ring spanner set	500
1 x		14 x 19 mm	
9 x		8 - 9 - 10 - 11 - 12 - 13 - 15 - 16 - 17 mm	

GEARplus® ACCESSORIES

GEARplus® Bit adapter

- FlankTraction profile (12 point)
- Chrome plated and mirror polished
- Chrome vanadium



1/4" 5/16" 10 mm

	mm	mm	B mm	L mm	g
503.4290	10,0	1/4"	11,0	15,7	6
503.4292	13,0	5/16"	15,5	15,3	11
503.4293	13,0	10 mm	21,0	21,0	17

GEARplus® Bit adapter set

- FlankTraction profile (12 point)
- Chrome plated and mirror polished
- Chrome vanadium



5/16" 10 mm

503.4294	2 pcs	GEARplus® Bit adapter set	100
2 x		13 mm x 5/16" - 13 mm x 10 mm	

GEARplus® Socket adapter

- 6 point
- With quick release locking function
- Suitable for GEARplus® spanners
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- Chrome plated and mirror polished
- Chrome vanadium



1/4" 3/8" 1/2"

	mm	mm	B mm	L mm	g
503.4296	10 mm	1/4"	11,1	16,7	50
503.4297	13 mm	3/8"	14,5	21,7	70
503.4298	19 mm	1/2"	21,4	28,8	100

GEARplus® Socket adapter set, for metric spanner

- FlankTraction profile (12 point)
- Suitable for metric GEARplus® spanners
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- For bits to DIN 3126 / C 6.3
- Chrome plated and mirror polished
- Chrome vanadium



1/4" 3/8" 1/2"

503.4286	4 pcs	GEARplus® Socket adapter set, for metric spanner	270
1 x		10 mm x 1/4"	
3 x		10 mm x 1/4" - 13 mm x 3/8" - 19 mm x 1/2"	

GEARplus® Socket adapter set, for imperial spanners

- FlankTraction profile (12 point)
- Suitable for imperial GEARplus® spanners
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- For bits to DIN 3126 / C 6.3
- Chrome plated and mirror polished
- Chrome vanadium

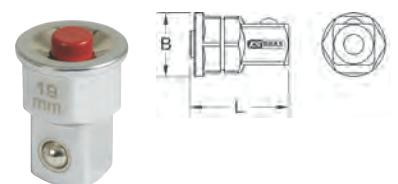


1/4" 3/8" 1/2"

503.4287	4 pcs	GEARplus® Socket adapter set, for imperial spanners	100
1 x		3/8" x 1/4"	
3 x		3/8" x 1/4" - 1/2" x 3/8" - 3/4" x 1/2"	

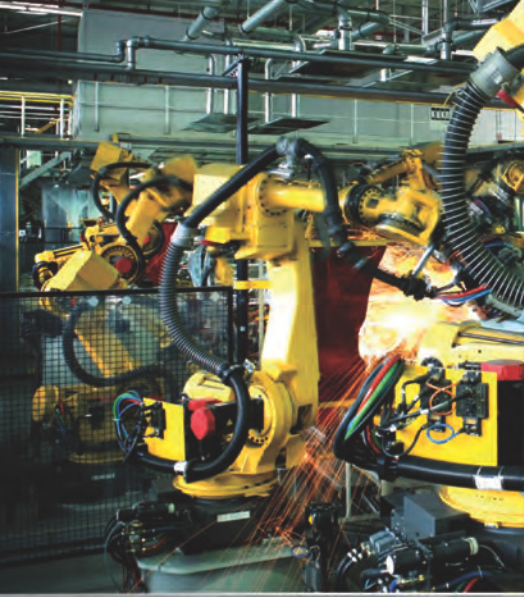
GEARplus® Socket adapter for ring stop spanner

- 6 point
- With quick release locking function
- Suitable for ring stop spanners
- Square drive adaptor to DIN 3120 - ISO 1174 with ball lock
- Chrome plated and mirror polished
- Chrome vanadium



1/2"

	mm	mm	B mm	L mm	g
503.4998	19 mm	1/2"	21,4	28,8	100



KS TOOLS®

Innovation is our mission!

SPANNERS

CLASSIC

CHROME^{plus}

ULTIMATE^{PLUS}

GEAR^{plus}®



SOCKETS AND OPERATING TOOLS



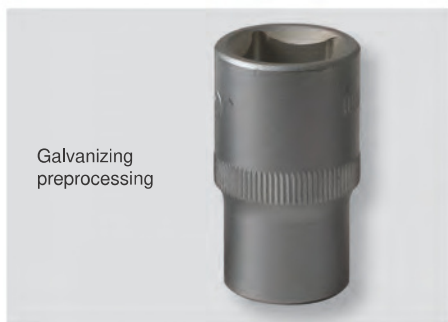
KSTOOLS

*Innovation is
our mission!*

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SOCKETS AND OPERATING TOOLS

Manufacturing and fabrication steps



Drive profile



Profil

FlankTraction 6 point



- Perfect grip even on screws and nuts which are not true to size or damaged
- Larger contact area for better pressure distribution
- Avoids damage of head of screws
- Perfect torque transfer to the flanks of nuts and bolts

FlankTraction 12 point



- The recessed corners typical for this profil ensure that the corners are protected and the power is transmitted onto the flat area
- Also does not need to be 100% the exact size so is suitable for damaged screws and/or nuts
- Good pressure distribution
- Screw head is protected
- Ideal for corroded screws and high power expenditure

E-TX



- This profile is considered as a further development of Phillips and hexagonal heads
- The six notched star form with rounded tip is typical
- No cam distortion effect due to vertical driving force
- Optimal power transmission
- T = Internal profil
- E = Outer profile (external)

Socket profil

CLASSIC

- For manual operation
- Matt finis
- Chrome vanadium
- FlankTraction Profil



CHROME^{plus}

- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- FlankTraction Profil



KRAFT

- For machinery usage
- Phosphate
- Chrome molybdenum



1/4" SOCKETS

CLASSIC Hexagonal socket

- 6 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finish
- Chrome vanadium



	mm		L mm	D1 mm	D2 mm	T mm	g
917.1404	4.0		25.0	7.0	12.0	2.0	9
917.14045	4.5		25.0	8.0	12.0	2.0	10
917.1405	5.0		25.0	8.0	12.0	3.0	10
917.14055	5.5		25.0	9.0	12.0	3.0	10
917.1406	6.0		25.0	9.0	12.0	4.0	10
917.1407	7.0		25.0	11.0	12.0	4.0	12
917.1408	8.0		25.0	12.0	12.0	5.0	14
917.1409	9.0		25.0	13.0	13.0	5.0	16
917.1410	10.0		25.0	14.0	14.0	6.0	20
917.1411	11.0		25.0	16.0	16.0	7.0	25
917.1412	12.0		25.0	17.0	17.0	8.0	30
917.1413	13.0		25.0	18.0	18.0	8.0	35
917.1414	14.0		25.0	20.0	20.0	10.0	40
917.1499		5/32"	25.0	5.6	10.7	2.0	9
917.1516		3/16"	25.0	8.0	12.0	3.0	10
917.1517		7/32"	25.0	9.0	12.0	3.0	10
917.1518		1/4"	25.0	10.0	12.0	4.0	10
917.1519		9/32"	25.0	11.0	12.0	4.0	12
917.1520		5/16"	25.0	12.0	12.0	5.0	14
917.1521		11/32"	25.0	13.0	13.0	5.0	16
917.1522		3/8"	25.0	14.0	14.0	6.0	20
917.1523		7/16"	25.0	16.0	16.0	7.0	25
917.1524		1/2"	25.0	18.0	18.0	8.0	35
917.1601		9/16"	25.0	20.0	20.0	10.0	40

CLASSIC Hexagonal socket set

- 6 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finish
- Includes storage rail



	mm		L mm	D1 mm	D2 mm	T mm	g
917.0620	10 pcs	4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12					0.35
		- 13 mm					

CLASSIC Hexagonal socket, deep

- 6 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Matt finish
- Chrome vanadium



	mm		L mm	D1 mm	D2 mm	T mm	g
917.1525	4.0		50.0	7.0	11.0	3.0	15
917.1526	4.5		50.0	8.0	11.0	3.0	15
917.1527	5.0		50.0	8.0	11.0	4.0	15

	mm		L mm	D1 mm	D2 mm	T mm	g
917.1528	5.5		50.0	9.0	11.0	5.0	20
917.1426	6.0		50.0	9.0	11.0	5.0	20
917.1427	7.0		50.0	11.0	11.0	6.0	20
917.1428	8.0		50.0	12.0	12.0	8.0	30
917.1429	9.0		50.0	13.0	13.0	8.0	30
917.1430	10.0		50.0	14.0	14.0	9.0	40
917.1431	11.0		50.0	16.0	16.0	11.0	50
917.1432	12.0		50.0	17.0	17.0	12.0	50
917.1433	13.0		50.0	18.0	18.0	12.0	50
917.1515		5/32"	50.0	6.7	10.7	3.0	13
917.1531		3/16"	50.0	8.0	11.0	4.0	15
917.1532		7/32"	50.0	9.0	11.0	5.0	20
917.1533		1/4"	50.0	10.0	11.0	5.0	20
917.1534		9/32"	50.0	11.0	11.0	6.0	20
917.1535		5/16"	50.0	12.0	12.0	8.0	30
917.1536		11/32"	50.0	13.0	13.0	8.0	30
917.1537		3/8"	50.0	14.0	14.0	9.0	40
917.1538		7/16"	50.0	16.0	16.0	11.0	50
917.1539		1/2"	50.0	18.0	18.0	12.0	70

CLASSIC Hexagonal socket set, deep

- 6 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Matt finish
- Includes storage rail



	mm		L mm	D1 mm	D2 mm	T mm	g
917.0610	10 pcs	4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12					0.36
		- 13 mm					

CHROMEplus® Hexagonal socket

- 6 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	mm		L mm	D1 mm	D2 mm	T mm	g
918.1404	4.0		7.0	12.0	25.0	2.0	10
918.14045	4.5		7.0	12.0	25.0	2.0	40
918.1405	5.0		8.0	12.0	25.0	3.0	40
918.14055	5.5		9.0	12.0	25.0	3.0	40
918.1406	6.0		9.0	12.0	25.0	4.0	40
918.1407	7.0		11.0	12.0	25.0	4.0	40
918.1408	8.0		12.0	12.0	25.0	5.0	40
918.1409	9.0		13.0	13.0	25.0	5.0	12
918.1410	10.0		14.0	14.0	25.0	6.0	40
918.1411	11.0		16.0	16.0	25.0	7.0	40
918.1412	12.0		17.0	17.0	25.0	8.0	40
918.1413	13.0		18.0	18.0	25.0	8.0	40
918.1414	14.0		20.0	20.0	25.0	10.0	40
918.1511		5/32"	5.6	10.7	25.0	2.0	10
918.1512		3/16"	8.0	12.0	25.0	3.0	10
918.1513		7/32"	9.0	12.0	25.0	3.0	10
918.1514		1/4"	10.0	12.0	25.0	4.0	10
918.1515		9/32"	11.0	12.0	25.0	4.0	12
918.1516		5/16"	12.0	12.0	25.0	5.0	14
918.1517		11/32"	13.0	13.0	25.0	5.0	16
918.1518		3/8"	14.0	14.0	25.0	6.0	20
918.1519		7/16"	16.0	16.0	25.0	7.0	25
918.1520		1/2"	18.0	18.0	25.0	8.0	35
918.15205		9/16"	20.0	20.0	25.0	10.0	40

CHROMEplus® Hexagonal socket set

- 6 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Includes storage rail



	mm		L mm	D1 mm	D2 mm	T mm	g
918.0620	10 pcs	4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12					0.35
		- 13 mm					

CHROMEplus® Hexagonal socket, deep

- 6 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	mm		L mm	D1 mm	D2 mm	T mm	g
918.1424	4.0		7.0	11.0	50.0	3.0	15
918.14245	4.5		8.0	11.0	50.0	3.0	15
918.1425	5.0		8.0	11.0	50.0	4.0	15
918.14255	5.5		9.0	11.0	50.0	5.0	20
918.1426	6.0		9.0	11.0	50.0	5.0	20
918.1427	7.0		11.0	11.0	50.0	6.0	20
918.1428	8.0		12.0	12.0	50.0	8.0	25
918.1429	9.0		13.0	13.0	50.0	8.0	30
918.1430	10.0		14.0	14.0	50.0	9.0	35
918.1431	11.0		16.0	16.0	50.0	11.0	45
918.1432	12.0		17.0	17.0	50.0	12.0	50
918.1433	13.0		18.0	18.0	50.0	12.0	65
918.1521		5/32"	6.7	10.7	50.0	3.0	20
918.1522		3/16"	8.0	11.0	50.0	4.0	15
918.1523		7/32"	9.0	11.0	50.0	5.0	20
918.1524		1/4"	10.0	11.0	50.0	5.0	20
918.1525		9/32"	11.0	11.0	50.0	6.0	20
918.1526		5/16"	12.0	12.0	50.0	8.0	25
918.1527		11/32"	13.0	13.0	50.0	8.0	30
918.1528		3/8"	14.0	14.0	50.0	9.0	35
918.1529		7/16"	16.0	16.0	50.0	11.0	50
918.1530		1/2"	18.0	18.0	50.0	12.0	65

CHROMEplus® hexagonal socket set, deep

- 6 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



	mm		L mm	D1 mm	D2 mm	T mm	g
918.0610	10 pcs	4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12					0.36
		- 13 mm					

12 Point socket

- 12 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finis
- Chrome vanadium



1/4"

	mm	mm	D1 mm	D2 mm	L mm	g
917.1461	4,0		7,0	12,0	25,0	10
917.1462	4,5		8,0	12,0	25,0	10
917.1463	5,0		8,0	12,0	25,0	10
917.1464	5,5		9,0	12,0	25,0	12
917.1465	6,0		10,0	12,0	25,0	10
917.1466	7,0		11,0	12,0	25,0	10
917.1467	8,0		12,0	12,0	25,0	15
917.1468	9,0		13,0	13,0	25,0	15
917.1469	10,0		15,0	15,0	25,0	20
917.1470	11,0		16,0	16,0	25,0	25
917.1471	12,0		17,0	17,0	25,0	25
917.1472	13,0		18,0	18,0	25,0	30
917.1473	14,0		20,0	20,0	25,0	40
917.1474		3/16"	8,0	12,0	25,0	11
917.1475		7/32"	9,0	12,0	25,0	12
917.1476		1/4"	10,0	12,0	25,0	13
917.1477		9/32"	11,0	12,0	25,0	14
917.1478		5/16"	12,0	12,0	25,0	15
917.1479		11/32"	13,0	13,0	25,0	15
917.1480		3/8"	14,0	14,0	25,0	15
917.1481		7/16"	16,0	16,0	25,0	25
917.1482		1/2"	18,0	18,0	25,0	30
917.1483		9/16"	20,0	20,0	25,0	40

12 point socket set

- 12 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finis
- Includes storage rail

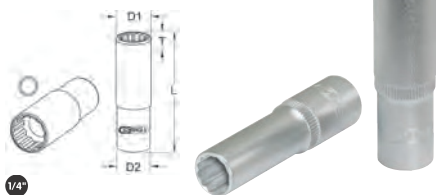


1/4"

	mm	mm	D1 mm	D2 mm	L mm	g
917.0625	10 pcs	4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12	- 13 mm			0,35

12 Point socket, deep

- 12 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Matt finishe
- Chrome vanadium



1/4"

	mm	mm	D1 mm	D2 mm	L mm	g
917.1604	4,0		7,0	11,0	50,0	15
917.16045	4,5		8,0	11,0	50,0	15
917.1605	5,0		8,0	11,0	50,0	15
917.16055	5,5		9,0	11,0	50,0	20
917.1606	6,0		9,0	11,0	50,0	20

	mm	mm	D1 mm	D2 mm	L mm	g
917.1607	7,0		11,0	11,0	50,0	20
917.1608	8,0		12,0	12,0	50,0	25
917.1609	9,0		13,0	13,0	50,0	30
917.1610	10,0		14,0	14,0	50,0	35
917.1611	11,0		16,0	16,0	50,0	45
917.1612	12,0		17,0	17,0	50,0	50
917.1613	13,0		18,0	18,0	50,0	65
917.1565		3/16"	8,0	12,0	50,0	11
917.1566		7/32"	9,0	12,0	50,0	12
917.1567		1/4"	10,0	12,0	50,0	13
917.1568		9/32"	11,0	12,0	50,0	14
917.1569		5/16"	12,0	12,0	50,0	15
917.1570		11/32"	13,0	13,0	50,0	15
917.1571		3/8"	14,0	14,0	50,0	15
917.1572		7/16"	16,0	16,0	50,0	25
917.1573		1/2"	18,0	18,0	50,0	30
917.1574		9/16"	20,0	20,0	50,0	40

12 Point socket set, deep

- 12 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Matt finis
- Includes storage rail



1/4"

	mm	mm	D1 mm	D2 mm	L mm	g
917.0630	10 pcs	4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12	- 13 mm			0,35

CHROMEplus® 12 point socket

- 12 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



1/4"

	mm	mm	D1 mm	D2 mm	L mm	g
918.1502	4,0		7,0	12,0	25,0	10
918.1503	4,5		7,0	12,0	25,0	10
918.1504	5,0		8,0	12,0	25,0	10
918.1506	5,5		9,0	12,0	25,0	10
918.1507	6,0		9,0	12,0	25,0	10
918.1508	7,0		11,0	12,0	25,0	10
918.1509	8,0		12,0	12,0	25,0	10
918.1541	9,0		13,0	13,0	25,0	11
918.1542	10,0		14,0	14,0	25,0	12
918.1543	11,0		16,0	16,0	25,0	17
918.1544	12,0		17,0	17,0	25,0	20
918.1546	13,0		18,0	18,0	25,0	23
918.1547	14,0		20,0	20,0	25,0	40
918.1548		3/16"	8,0	12,0	25,0	9
918.1549		7/32"	9,0	12,0	25,0	9
918.1551		1/4"	10,0	12,0	25,0	10
918.1552		9/32"	11,0	12,0	25,0	10
918.1553		5/16"	12,0	12,0	25,0	9
918.1554		11/32"	13,0	13,0	25,0	11
918.1555		3/8"	14,0	14,0	25,0	12
918.1556		7/16"	16,0	16,0	25,0	25
918.1557		1/2"	18,0	18,0	25,0	23
918.1559		9/16"	20,0	20,0	25,0	40

CHROMEplus® 12 Point socket set

- 12-point
- FlankTraction-Profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Includes storage rail



1/4"

	mm	mm	D1 mm	D2 mm	L mm	g
918.0615	10 pcs	4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12	- 13 mm			0,35

CHROMEplus® 12 Point socket, deep

- 12 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



1/4"

	mm	mm	D1 mm	D2 mm	L mm	g
918.1561	4,0		7,0	11,0	50,0	15
918.1562	4,5		8,0	11,0	50,0	15
918.1563	5,0		8,0	11,0	50,0	15
918.1589	5,5		9,0	11,0	50,0	20
918.1591	6,0		9,0	11,0	50,0	20
918.1592	7,0		11,0	11,0	50,0	20
918.1596	8,0		12,0	12,0	50,0	25
918.1597	9,0		13,0	13,0	50,0	30
918.1598	10,0		14,0	14,0	50,0	35
918.1599	11,0		16,0	16,0	50,0	45
918.1418	12,0		17,0	17,0	50,0	50
918.1419	13,0		18,0	18,0	50,0	65
918.1423		3/16"	8,0	11,0	50,0	15
918.1601		7/32"	9,0	11,0	50,0	20
918.1602		1/4"	10,0	11,0	50,0	20
918.1603		9/32"	11,0	11,0	50,0	20
918.1611		5/16"	12,0	12,0	50,0	25
918.1613		11/32"	13,0	13,0	50,0	30
918.1615		3/8"	14,0	14,0	50,0	35
918.1616		7/16"	16,0	16,0	50,0	50
918.1618		1/2"	18,0	18,0	50,0	65

CHROMEplus® 12-point socket-set, deep

- 12 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Chrome plated and mirror polished
- Includes storage rail



1/4"

	mm	mm	D1 mm	D2 mm	L mm	g
918.0630	10 pcs	4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12	- 13 mm			0,35

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TX E Socket

- TX E
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finish
- Chrome vanadium



		D1 mm	D2 mm	L mm	T mm	Weight
911.4313	E4	6.0	11.0	25.0	5.0	10
911.4314	E5	7.0	11.0	25.0	5.0	10
911.4315	E6	8.0	11.0	25.0	5.0	10
911.4316	E7	10.0	11.0	25.0	6.0	10
911.4317	E8	11.0	12.0	25.0	7.0	15
911.4332	E10	13.0	13.0	25.0	7.0	15
911.4350	E11	14.0	15.0	25.0	8.0	15

TX E Socket set

- TX E
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finish
- Chrome vanadium
- Includes storage rail



		D1 mm	D2 mm	L mm	T mm	Weight
911.4355	7 pcs	E4 - E5 - E6 - E7 - E8 - E10 - E11				0.10

CHROMEplus® TX E Socket

- TX E
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



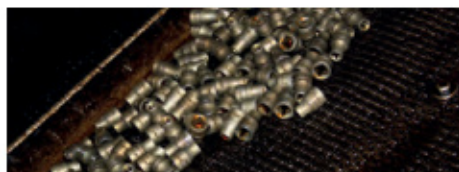
		D1 mm	D2 mm	L mm	T mm	Weight
918.1582	E4	6.0	11.0	25.0	5.0	10
918.1583	E5	7.0	11.0	25.0	5.0	10
918.1584	E6	8.0	11.0	25.0	5.0	10
918.1585	E7	10.0	11.0	25.0	6.0	10
918.1586	E8	11.0	12.0	25.0	7.0	15
918.1587	E10	13.0	13.0	25.0	7.0	15
918.1588	E11	13.0	15.0	25.0	8.0	15

CHROMEplus® TX E Socket set

- TX E
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finish
- Chrome vanadium
- Includes storage rail



		D1 mm	D2 mm	L mm	T mm	Weight
918.4355	7 pcs	E4 - E5 - E6 - E7 - E8 - E10 - E11				100



1/4" BIT SOCKETS

Bit socket for slotted screws

- Slotted
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finish
- Chrome vanadium



	mm	D mm	L mm	T mm	Weight
911.1418	4.0	12.0	37.0	18.0	20
911.1419	5.5	12.0	37.0	18.0	20
917.1421	6.5	12.0	37.0	18.0	20
911.1420	7.0	12.0	37.0	18.0	20
917.1422	8.0	12.0	37.0	18.0	20

CHROMEplus® Bit socket for slotted screws

- Slotted
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	mm	D mm	L mm	T mm	Weight
918.1487	4.0	12.0	37.0	18.0	20
918.1488	5.0	12.0	37.0	18.0	20
918.1489	6.5	12.0	37.0	18.0	20
918.1491	7.0	12.0	37.0	18.0	20
918.1486	8.0	12.0	37.0	18.0	20

Bit socket for phillips head screws PH

- PH
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- With press fi ted nickel plated insert bit
- For manual operation
- Matt finish
- Chrome vanadium



		D mm	L mm	T mm	Weight
911.1482	PH0	12.0	37.0	18.0	15
911.1415	PH1	12.0	37.0	18.0	20
911.1416	PH2	12.0	37.0	18.0	20
911.1417	PH3	12.0	37.0	18.0	20
911.1421	PH4	12.0	37.0	18.0	20

CHROMEplus® Bit socket for phillips screws PH

- PH
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		D mm	L mm	T mm	Weight
918.1416	PH0	12.0	37.0	18.0	20
918.1468	PH1	12.0	37.0	18.0	20
918.1469	PH2	12.0	37.0	18.0	20
918.1436	PH3	12.0	37.0	18.0	20
918.1440	PH4	12.0	37.0	18.0	20



Bit socket for phillips head screws PZ

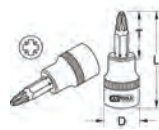
- PZ
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- With press fi ted nickel plated insert bit
- For manual operation
- Matt finish
- Chrome vanadium



		D mm	L mm	T mm	Weight
911.1483	PZ 0	12.0	37.0	18.0	15
911.1401	PZ 1	12.0	37.0	18.0	14
911.1402	PZ 2	12.0	37.0	18.0	15
911.1403	PZ 3	12.0	37.0	18.0	15
917.1415	PZ 4	12.0	37.0	18.0	20

CHROMEplus® Bit socket for phillips screws PZ

- PZ
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium

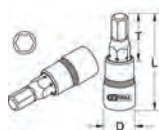


1/4"

		D mm	L mm	T mm	⌀
918.1417	PZ0	12.0	37.0	18.0	14
918.1477	PZ1	12.0	37.0	18.0	15
918.1478	PZ2	12.0	37.0	18.0	15
918.1437	PZ3	12.0	37.0	18.0	15
918.1448	PZ4	12.0	37.0	18.0	20

Bit socket for hexagon screws

- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium



1/4"

		D mm	L mm	T mm	⌀
917.1434	2.0	12.0	37.0	18.0	12
917.1435	2.5	12.0	37.0	18.0	13
911.1436	3.0	12.0	37.0	18.0	14
911.1437	4.0	12.0	37.0	18.0	20
911.1438	5.0	12.0	37.0	18.0	20
911.1439	6.0	12.0	37.0	18.0	25
911.1440	7.0	12.0	37.0	18.0	25
911.1441	8.0	12.0	37.0	18.0	25
917.1440	1/8"	12.0	37.0	18.0	25
917.1441	5/32"	12.0	37.0	18.0	25
917.1442	3/16"	12.0	37.0	18.0	25
917.1443	7/32"	12.0	37.0	18.0	25
917.1444	1/4"	12.0	37.0	18.0	25

Bit socket set for hexagon screws

- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail

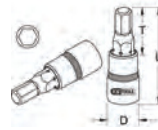


1/4"

911.1544	7 pcs	2,5 - 3 - 4 - 5 - 6 - 7 - 8 mm			0.17

CHROMEplus® Bit socket for hexagon screws

- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium

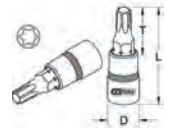


1/4"

		D mm	L mm	T mm	⌀
918.1438	2.0	12.0	37.0	18.0	12
918.1439	2.5	12.0	37.0	18.0	13
918.1461	3.0	12.0	37.0	18.0	20
918.1462	4.0	12.0	37.0	18.0	20
918.1463	5.0	12.0	37.0	18.0	15
918.1464	6.0	12.0	37.0	18.0	25
918.1465	7.0	12.0	37.0	18.0	25
918.1466	8.0	12.0	37.0	18.0	25
918.1531	1/8"	12.0	37.0	18.0	25
918.1532	5/32"	12.0	37.0	18.0	25
918.1533	3/16"	12.0	37.0	18.0	25
918.1534	7/32"	12.0	37.0	18.0	25
918.1535	1/4"	12.0	37.0	18.0	25

CHROMEplus® Bit socket set for hexagon screws

- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail

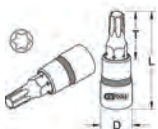


1/4"

918.1670	7 pcs	2,5 - 3 - 4 - 5 - 6 - 7 - 8 mm			0.17

Bit socket for TX screws

- TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium



1/4"

		D mm	L mm	T mm	⌀
911.1448	T8	12.0	37.0	18.0	10
911.1478	T9	12.0	37.0	18.0	10
911.1442	T10	12.0	37.0	18.0	10
911.1443	T15	12.0	37.0	18.0	10
911.1444	T20	12.0	37.0	18.0	10
911.1445	T25	12.0	37.0	18.0	14
911.1449	T27	12.0	37.0	18.0	15
911.1446	T30	12.0	37.0	18.0	15
911.1447	T40	12.0	37.0	18.0	20

Bit socket set for TX screws

- TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



1/4"

911.1458	7 pcs	T10 - T15 - T20 - T25 - T27 - T30 - T40			0.16

CHROMEplus® Bit socket for TX screws

- TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



1/4"

		D mm	L mm	T mm	⌀
918.1492	T8	12.0	37.0	18.0	20
918.1494	T9	12.0	37.0	18.0	20
918.1479	T10	12.0	37.0	18.0	20
918.1480	T15	12.0	37.0	18.0	20
918.1481	T20	12.0	37.0	18.0	20
918.1482	T25	12.0	37.0	18.0	20
918.1483	T27	12.0	37.0	18.0	20
918.1484	T30	12.0	37.0	18.0	20
918.1485	T40	12.0	37.0	18.0	20

CHROMEplus® Bit socket set for TX screws

- TX
- Internal square drive adaptor to DIN 3120 / ISO 1174
- With press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail

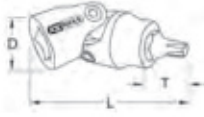


1/4"

918.1558	7 pcs	T10 - T15 - T20 - T25 - T27 - T30 - T40			0.16

CHROMEplus® bit socket with joint for TX screws

- TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- With press fi ted nickel plated insert bit
- For manual operation
- Ideal for diffi ult to access areas
- Screwed joints
- Especially short execution
- Chrome plated and mirror polished
- Chrome vanadium



		D mm	L mm	T mm	⚖
917.1491	T8	15.0	40.0	10.0	22
917.1492	T10	15.0	40.0	10.0	22
917.1493	T15	15.0	40.0	10.0	22
917.1494	T20	15.0	40.0	10.0	22
917.1495	T25	15.0	40.0	10.0	23
917.1496	T27	15.0	40.0	10.0	23
917.1497	T30	15.0	40.0	10.0	23
917.1498	T40	15.0	40.0	10.0	25

CHROMEplus® bit socket set with joint for TX screws

- TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- With press fi ted nickel plated insert bit
- For manual operation
- Ideal for diffi ult to access areas
- Screwed joints
- Especially short execution
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic storage case



		⚖
917.1490	8 pcs T8 - T10 - T15 - T20 - T25 - T27 - T30 - T40	350



Bit socket for TX tamperproof screws

- For tamperproof TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- With press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium



		D mm	L mm	T mm	⚖
911.1461	TB8	12.0	37.0	20.0	14
911.1485	TB9	12.0	37.0	18.0	14
911.1462	TB10	12.0	37.0	20.0	14
911.1463	TB15	12.0	37.0	20.0	14
911.1464	TB20	12.0	37.0	20.0	14
911.1465	TB25	12.0	37.0	20.0	15
911.1466	TB27	12.0	37.0	20.0	15
911.1467	TB30	12.0	37.0	20.0	15
911.1468	TB40	12.0	37.0	20.0	20

Bit socket set for TX tamperproof screws

- For tamperproof TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated stud
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



		⚖
911.1460	7 pcs TB10 - TB15 - TB20 - TB25 - TB27 - TB30 - TB40	0.16

CHROMEplus® Bit socket for TX tamperproof screws

- For tamperproof TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		D mm	L mm	T mm	⚖
918.1467	TB8	12.0	37.0	18.0	20
918.1415	TB9	12.0	37.0	18.0	20
918.1470	TB10	12.0	37.0	18.0	20
918.1471	TB15	12.0	37.0	18.0	20
918.1472	TB20	12.0	37.0	18.0	20
918.1473	TB25	12.0	37.0	18.0	20
918.1474	TB27	12.0	37.0	18.0	20
918.1475	TB30	12.0	37.0	18.0	20
918.1476	TB40	12.0	37.0	18.0	20

CHROMEplus® Bit socket set for TX tamperproof screws

- For tamperproof TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated stud
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



		⚖
918.1460	7 pcs TB10 - TB15 - TB20 - TB25 - TB27 - TB30 - TB40	0.16

Bit socket for spline (XZN®) screws

- Spline (XZN®)
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium



		D mm	L mm	T mm	⚖
917.1541	M4	12.0	37.0	18.0	20
917.1542	M5	12.0	37.0	18.0	20
917.1543	M6	12.0	37.0	18.0	20
917.1544	M7	12.0	37.0	18.0	16
917.1545	M8	12.0	37.0	18.0	20
917.1546	M10	12.0	37.0	18.0	20

Bit socket set for spline (XZN®) screws

- Spline (XZN®)
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



		⚖
911.1547	6 pcs M4 - M5 - M6 - M7 - M8 - M10	0.16

CHROMEplus® Bit socket for spline (XZN®) screws

- Spline (XZN®)
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fitted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	D	L	T	⌀	
	mm	mm	mm	mm	
918.1441	M4	12.0	37.0	18.0	20
918.1442	M5	12.0	37.0	18.0	20
918.1443	M6	12.0	37.0	18.0	20
918.1444	M7	12.0	37.0	18.0	20
918.1445	M8	12.0	37.0	18.0	20
918.1446	M10	12.0	37.0	18.0	20

CHROMEplus bit socket set for spline (XZN®) screws

- Spline (XZN®)
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fitted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



	⌀	
918.0645	6 pcs M4 - M5 - M6 - M7 - M8 - M10	0.16

Bit socket for five star tamperproof screws

- Five star bit, tamperproof
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finish
- Chrome vanadium



	D	L	T	⌀	
	mm	mm	mm	mm	
911.1471	TS10	12.0	25.0	6.0	10
911.1472	TS15	12.0	25.0	6.0	10
911.1473	TS20	12.0	25.0	7.0	10
911.1474	TS25	12.0	25.0	7.0	10
911.1475	TS27	12.0	25.0	8.0	10
911.1476	TS30	12.0	25.0	8.0	10
911.1477	TS40	12.0	25.0	9.0	10

Bit socket set for tamperproof five star screws

- Five star bit, tamperproof
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finish
- Chrome vanadium
- Includes storage rail



	⌀	
911.1470	7 pcs TS10 - TS15 - TS20 - TS25 - TS27 - TS30 - TS40	0.16

CLASSIC Bit set for tamperproof five star screws

- Five star bit, tamperproof
- External hexagon drive to DIN 3126 / ISO 1173 - E 6,3
- Can be used by hand or with an electric screwdriver
- 1/4" Bit adaptor socket
- Ideally suited for fittings in trade and industry
- Nickel plated
- Special steel



	⌀	
911.1480	8 pcs TS10 - TS15 - TS20 - TS25 - TS27 - TS30 - TS40	50



CHROMEplus® Bit socket for five star tamperproof screws

- Five star bit, tamperproof
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	D	L	T	⌀	
	mm	mm	mm	mm	
918.1575	TS10	12.0	25.0	6.0	10
918.1576	TS15	12.0	25.0	6.0	10
918.1577	TS20	12.0	25.0	7.0	10
918.1578	TS25	12.0	25.0	7.0	10
918.1579	TS27	12.0	25.0	8.0	10
918.1580	TS30	12.0	25.0	8.0	10
918.1581	TS40	12.0	25.0	9.0	10

CHROMEplus® Bit socket set for five star tamperproof screws

- Five star bit, tamperproof
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



	⌀	
918.1545	7 pcs TS10 - TS15 - TS20 - TS25 - TS27 - TS30 - TS40	0.16

Automotive bit socket set

- Problem solver for many automotive applications
- Matt finish
- Chrome vanadium
- In durable plastic storage case



	⌀	
911.4500	38 pcs Automotive bit socket set	6.50

9 x		1/4": 37 mm, TS10 - TS15 - TS20 - TS25 - TS27 - TS30 - TS40 - TS45 - TS50
5 x		1/2": 55 mm, 14 - 17 - 19 - 22 - 24 mm
1 x		1/2": 55 mm, M16
1 x		1/2": 75 mm, M18
1 x		1/2": 100 mm, M9
2 x		1/2": 110 mm, M9 - M16
1 x		1/2": 110 mm, TB80
3 x		1/2": 140 mm, 10 - 11 - 13 mm
6 x		1/2": 140 mm, T40 - T45 - T50 - T55 - T60 - T70
3 x		1/2": 140 mm, M10 - M12 - M14
1 x		1/2": 140 mm, M10
1 x		1/2": 160 mm, 5 mm
1 x		1/2": 240 mm, 7 mm
2 x		1/2": 240 mm, M7 - M8
1 x		1/2": 300 mm, TB30

1/4" ADAPTERS

Bit adaptor socket

- Internal square to DIN 3120 / ISO 1174 with ball reception
- For 1/4" bits with external hexagon drive to DIN 3126 / ISO 1173
- For manual operation
- Matt finish
- Chrome vanadium



	D1 mm	D2 mm	L mm	T mm	⌀
911.4337	10.0	12.0	25.0	8.0	10

CHROMEplus® Bit adaptor socket

- Internal square to DIN 3120 / ISO 1174 with ball reception
- For 1/4" bits with external hexagon drive to DIN 3126 / ISO 1173
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	D1 mm	D2 mm	L mm	T mm	⌀
918.1421	10.0	12.0	25.0	8.0	10

Bit adaptor socket

- With clamping ring
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For 1/4" bits with external hexagon drive to DIN 3126 / ISO 1173
- For manual operation
- Matt finish
- Chrome vanadium



	D1 mm	D2 mm	L mm	T mm	⌀
911.4327	10.0	12.0	25.0	8.0	10

CHROMEplus® Bit adaptor socket

- Clamping ring
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For 1/4" bits with external hexagon drive to DIN 3126 / ISO 1173
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	D1 mm	D2 mm	L mm	T mm	⌀
918.1422	10.0	12.0	25.0	8.0	10

Adaptor

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finish
- Chrome vanadium



	□	■	L mm	⌀
911.1494	1/4"	3/8"	25.0	30

Adaptor and reducing adaptor set

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finish
- Chrome vanadium
- In durable plastic case



	□	■	L mm	⌀
911.0106	6 pcs	1/4" x 3/8" - 3/8" x 1/4" - 3/8" x 1/2" - 1/2" x 3/8" - 1/2" x 3/4" - 3/4" x 1/2"		0.66

CHROMEplus® Adaptor

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	□	■	L mm	⌀
918.1501	1/4"	3/8"	25.0	30

CHROMEplus® adaptor and reducing adaptor set

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic storage case



	□	■	L mm	⌀
918.0106	6 pcs	1/4" x 3/8" - 3/8" x 1/4" - 3/8" x 1/2" - 1/2" x 3/8" - 1/2" x 3/4" - 3/4" x 1/2"		0.66

1/4" UNIVERSAL JOINTS

Universal joint

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- With flexible joint
- For manual operation
- Matt finish
- Chrome vanadium



	□	■	L mm	⌀
911.1450	1/4"	1/4"	38.0	20

CHROMEplus® Universal joint

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- With flexible joint
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



Art. No.	□	■	L mm	W
918.1450	1/4"	1/4"	38.0	20

Power universal ball joint

- Ideal for use with electric screwdriver
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Very low running rotation
- New joint construction
- Outstanding use of angles up to 45°
- Very resistant to breakage
- Can be used by hand or with and electric screwdriver
- Matt finish
- Chrome vanadium



Art. No.	□	■	L mm	W
917.1450	1/4"	1/4"	35.0	30

CHROMEplus® Power universal ball joint

- Ideal for use with electric screwdriver
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Very low running rotation
- New joint construction
- Outstanding use of angles up to 45°
- Very resistant to breakage
- Can be used by hand or with and electric screwdriver
- Chrome plated and mirror polished
- Chrome vanadium

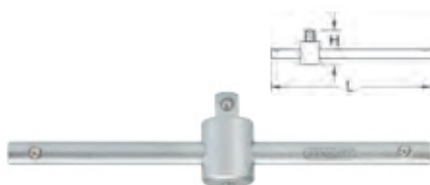


Art. No.	□	■	L mm	W
919.1450	1/4"	1/4"	35.0	30

1/4" T-HANDLES

Sliding T-handle

- DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- For manual operation
- Matt finish
- Chrome vanadium



Art. No.	□	H mm	L mm	W
911.1425	1/4"	6.0	110.0	50

CHROMEplus® Sliding T-handle

- DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



Art. No.	□	H mm	L mm	W
918.1451	1/4"	6.0	110.0	50

1/4" EXTENSIONS

Flexible extension

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Limited torque due to a spiral spring
- For difficult to access areas
- For manual operation
- Matt finish
- Chrome vanadium



Art. No.	L mm	W
911.1422	150.0	60

CHROMEplus® Flexible extension

- Square drive adaptor to DIN 3123 / ISO 3316 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Limited torque due to a spiral spring
- For difficult to access areas
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



Art. No.	L mm	W
918.1505	150.0	60

Extension with hexagon drive

- Square drive to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- With hexagon drive
- For manual operation
- Matt finish
- Chrome vanadium



Art. No.	L mm	W
911.1423	50.0	30
911.1486	75.0	35
911.1424	100.0	40
911.1451	150.0	90
911.1504	250.0	130

Extension set

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- With hexagon drive
- For manual operation
- Matt finish
- Chrome vanadium



Art. No.	QTY	Description	W
911.0007	9 pcs	Extension set	1.22
3 x		1/4" : 50 - 100 - 250 mm	
4 x		3/8" : 45 - 75 - 150 - 200 mm	
2 x		1/2" : 125 - 250 mm	



CHROMEplus® Extension

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	L mm	W
918.1452	50.0	20
918.1453	75.0	30
918.1455	100.0	50
918.1454	150.0	60
918.1652	250.0	130

CHROMEplus® Extension set

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	L mm	W
918.0007	9 pcs	1.22
3 x	1/4" : 50 - 100 - 250 mm	
4 x	3/8" : 45 - 75 - 150 - 200 mm	
2 x	1/2" : 125 - 250 mm	

Wobble extension with hexagon drive

- Internal square to DIN 3120 / ISO 1174 with ball reception
- Wobble extension with ball lock
- 8° tilt angle to each side
- Hexagon drive
- For manual operation
- Matt finish
- Chrome vanadium



	L mm	W
911.1506	50.0	20
911.1509	75.0	35
911.1507	100.0	40
911.1508	150.0	60
911.1543	250.0	130



Wobble extension set

- Internal square to DIN 3120 / ISO 1174 with ball reception
- Wobble extension with ball lock
- 8° tilt angle to each side
- For manual operation
- Matt finish
- Chrome vanadium



	L mm	W
911.0009	9 pcs	1.22
3 x	1/4" : 50 - 100 - 250 mm	
4 x	3/8" : 45 - 75 - 150 - 200 mm	
2 x	1/2" : 125 - 250 mm	

CHROMEplus® Wobble extension

- Internal square to DIN 3120 / ISO 1174 with ball reception
- Wobble extension with ball lock
- 8° tilt angle to each side
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	L mm	W
918.1403	50.0	20
918.1653	75.0	35
918.1401	100.0	40
918.1402	150.0	60
918.1458	250.0	100

CHROMEplus® Wobble extension set

- Internal square to DIN 3120 / ISO 1174 with ball reception
- Wobble extension with ball lock
- 8° tilt angle to each side
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	L mm	W
918.0009	9 pcs	1.22
3 x	1/4" : 50 - 100 - 250 mm	
4 x	3/8" : 45 - 75 - 150 - 225 mm	
2 x	1/2" : 125 - 250 mm	

CHROMEplus® extension with interlock

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Interlocking mechanism against accidental loosening
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	L mm	W
919.1402	100.0	40
919.1404	150.0	60
919.1406	250.0	100

CHROMEplus® Extension set with interlock

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Interlocking mechanism against accidental loosening
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	L mm	W
919.0143	3 pcs	0.33



CHROMEplus® Extension set with interlock

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Interlocking mechanism against accidental loosening
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium

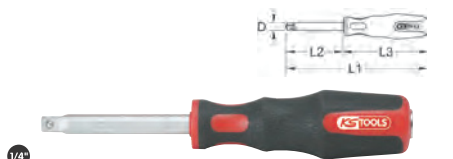


	L mm	W
919.0007	7 pcs	1.24
2 x	1/4" : 100 - 150 mm	
3 x	3/8" : 75 - 150 - 250 mm	
2 x	1/2" : 125 - 250 mm	

1/4" MANUAL DRIVE TOOLS

Square drive screwdriver

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Protective cap on the handle end
- Dual component handle
- Matt finish
- Chrome vanadium



	D mm	L1 mm	L2 mm	L3 mm	g
911.1434	6.0	150.0	60.0	90.0	140

CHROMEplus® Square drive screwdriver

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Dual component handle
- Chrome plated and mirror polished
- Chrome vanadium



	D	L1 mm	L2 mm	L3 mm	g
918.1434	1/4"	150.0	60.0	90.0	60

ERGOTORQUE® Square screwdriver

- Flexible blade with double spiral shaft
- Limited torque
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Plastic protective coating
- One component handle
- With hanging hole



	D mm	L1 mm	L2 mm	L3 mm	g
911.1120	15.0	200.0	150.0	50.0	150

1/4" RATCHETS

ERGOTORQUE®max T-handle ratchet

- DIN 3122 / ISO 3315
- Reversible
- 1/4" square drive adaptor to DIN 3120 / ISO 1174
- With ball lock
- Exact gearing with 45 teeth
- Two component handle
- With hanging hole
- Handy and compact
- Matt finish
- Chrome vanadium



	B mm	L1 mm	L2 mm	g
151.1109	115.0	110.0	55.0	40

Mini reversible ratchet

- According to DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Fine gearing 72 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Ergonomic dual component handle
- Recessed reverse lever
- Matt finish
- Chrome vanadium



	A mm	D mm	L mm	Repair set	g
911.1510	10.0	22.0	110.0	911.1599	70

CHROMEplus® Mini reversible ratchet

- According to DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Fine gearing 72 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Ergonomic dual component handle
- Recessed reverse lever
- Chrome plated and mirror polished
- Chrome vanadium



	A mm	D mm	L mm	Repair set	g
918.1510	10.0	22.0	110.0	911.1599	70

Reversible ratchet

- DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Exact gearing 45 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Ergonomic dual component handle with soft zone
- Matt finish
- Chrome vanadium



	A mm	D mm	L mm	Repair set	g
911.1400	12.0	25.0	145.0	911.1499	130

CHROMEplus® Reversible ratchet

- DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Exact gearing 45 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Ergonomic dual component handle
- Chrome plated and mirror polished
- Chrome vanadium



	A mm	D mm	L mm	Repair set	g
918.1400	12.0	25.0	145.0	911.1499	130

Reversible ratchet

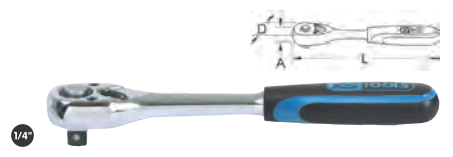
- According to DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Fine gearing 72 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Ergonomic dual component handle
- Recessed reverse lever
- Matt finish
- Chrome vanadium



	A mm	D mm	L mm	Repair set	g
914.1490	12.0	26.0	145.0	914.1497	130

CHROMEplus® Reversible ratchet

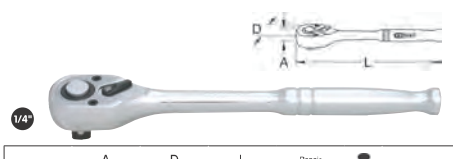
- According to DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Fine gearing 72 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Ergonomic dual component handle
- Recessed reverse lever
- Chrome plated and mirror polished
- Chrome vanadium



	A mm	D mm	L mm	Repair set	g
918.1490	12.0	26.0	145.0	914.1497	130

CHROMEplus® Reversible ratchet

- According to DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Fine gearing 72 teeth ratchet mechanism
- With ejection mechanism on the ratchet head
- Recessed reverse lever
- Chrome plated and mirror polished
- Chrome vanadium



	A mm	D mm	L mm	Repair set	g
918.1593	12.0	25.0	145.0	914.1497	150

SlimPOWER reversible ratchet

- According to DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- 102 N·m maximum load
- Reversible
- Extremely slim head
- Fine gearing 72 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Ergonomic dual component handle with soft zone
- Chrome plated and mirror polished
- Chrome vanadium



	A mm	D mm	L mm	Repair set	g
920.1490	20.0	20.0	140.0	920.1490-1	80



SlimPOWER reversible ratchet set

- According to DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Extremely slim head
- Fine gearing 72 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Ergonomic dual component handle with soft zone
- Chrome plated and mirror polished
- Chrome vanadium



920.0002	2 pcs	1/4" + 1/2"	430
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Flexibel head reversible ratchet

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- 180° revolving head with locking device
- Reversible
- Exact gearing 45 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Ergonomic dual component handle
- Recessed reverse lever
- Matt finish
- Chrome vanadium



	A mm	D mm	L mm	Head set	Weight
911.1495	12.0	25.0	140.0	911.1499	160

CHROMEplus® Flexibel head reversible ratchet

- DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- 180° revolving head
- Reversible
- Exact gearing 72 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Ergonomic dual component handle
- Recessed reverse lever
- Chrome plated and mirror polished
- Chrome vanadium



	A mm	D mm	L mm	Head set	Weight
918.1493	12.0	25.0	140.0	914.1497	130

1/4" SET ASSORTMENTS

CHROMEplus® Socket set

- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic storage case



918.0613	13 pcs	CHROMEplus® Socket set	0.78
11 x		4 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 13 mm	
1 x		100 mm	
1 x		140 mm	

Socket set

- 6 point
- FlankTraction profil
- Matt finish
- Chrome vanadium
- In durable plastic storage case



911.0623	23 pcs	Socket set	0.45
12 x		4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 12 - 13 mm	
1 x		1/4"	
1 x		100 mm	
1 x		1/4"	
2 x		PH1 - PH2	
2 x		PZ1 - PZ2	
4 x		T15 - T20 - T25 - T30	

Socket set

- 6 point
- FlankTraction profil
- Matt finish
- Chrome vanadium
- In durable plastic storage case



911.0625	25 pcs	Socket set	0.83
13 x		4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 12 - 13 - 14 mm	
2 x		50 - 100 mm	
1 x		150 mm	
1 x		1/4"	
1 x		1/4"	
1 x		1/4"	
1 x		1/4" x 1/4"	
4 x		1.0 - 1.5 - 2.0 - 2.5 mm	
1 x		1/4"	

Socket set

- 6 point
- FlankTraction profil
- Matt finish
- Chrome vanadium
- In durable metal case



917.4030	30 pcs	Socket set	1.20
11 x		4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 mm	
3 x		4 - 5.5 - 6 mm	
3 x		PH1 - PH2 - PH3	
3 x		PZ1 - PZ2 - PZ3	
4 x		3 - 4 - 5 - 6 mm	
2 x		50 - 100 mm	
1 x		1/4"	
1 x		1/4"	
1 x		1/4"	
1 x		1/4"	

Socket set

- 6 point
- FlankTraction profil
- Matt finis
- Chrome vanadium
- In durable metal case



1/4"

911.0833	33 pcs	Socket set	1,52
13 x		4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 12 - 13 - 14 mm	
6 x		3 - 4 - 5 - 6 - 7 - 8 mm	
7 x		TB10 - TB15 - TB20 - TB25 - TB27 TB30 - TB40	
2 x		50 - 100 mm	
1 x		1/4"	
1 x		1/4"	
1 x		1/4": 110 mm	
1 x		1/4" x 1/4"	
1 x		140 mm	

CHROMEplus® Socket set

- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic storage case



1/4"

918.0640	40 pcs	CHROMEplus® Socket set	0,80
13 x		4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 12 - 13 - 14 mm	
2 x		PH1 - PH2	
6 x		PZ1 - PZ2	
7 x		3 - 4 - 5 - 6 - 7 - 8 mm	
5 x		T10 - T15 - T20 - T25 - T27 - T30 T40	
1 x		M4 - M5 - M6 - M8 - M10	
1 x		1/4"	
1 x		100 mm	
1 x		1/4"	
1 x		1/4"	
1 x		110 mm	

Socket set

- 6 point
- FlankTraction profil
- Matt finis
- Chrome vanadium
- In durable plastic storage case



1/4"

911.0646	46 pcs	Socket set	1,10
13 x		4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 12 - 13 - 14 mm	
3 x		4 - 5,5 - 7 mm	
3 x		PH1 - PH2 - PH3	
2 x		PZ1 - PZ2	
6 x		3 - 4 - 5 - 6 - 7 - 8 mm	
7 x		T10 - T15 - T20 - T25 - T27 - T30 T40	
2 x		50 - 100 mm	
1 x		150 mm	
1 x		1/4"	
1 x		1/4"	
1 x		1/4"	
4 x		1 - 1,5 - 2 - 2,5 mm	
1 x		1/4" x 1/4"	
1 x		1/4"	

CHROMEplus® Socket set

- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic case



1/4"

918.0646	46 pcs	CHROMEplus® Socket set	1,10
13 x		4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 12 - 13 - 14 mm	
3 x		4 - 5,5 - 7 mm	

3 x		PH1 - PH2 - PH3
2 x		PZ1 - PZ2
6 x		3 - 4 - 5 - 6 - 7 - 8 mm
7 x		T10 - T15 - T20 - T25 - T27 - T30 T40
2 x		50 - 100 mm
1 x		150 mm
1 x		1/4"
1 x		1/4"
1 x		1/4"
4 x		1 - 1,5 - 2 - 2,5 mm
1 x		1/4" x 1/4"
1 x		145 mm

CHROMEplus® Socket set

- Imperial sizes
- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic case



1/4"

918.0847	47 pcs	CHROMEplus® Socket set	1,13
10 x		5/32" - 3/16" - 7/32" - 1/4" - 9/32" 5/16" - 11/32" - 3/8" - 7/16" - 1/2"	
10 x		5/32" - 3/16" - 7/32" - 1/4" - 9/32" 5/16" - 11/32" - 3/8" - 7/16" - 1/2"	
3 x		4 - 5,5 - 7 mm	
2 x		PH1 - PH2	
5 x		1/8" - 5/32" - 3/16" - 7/32" - 1/4"	
6 x		T10 - T15 - T20 - T25 - T30 - T40	
4 x		M4 - M5 - M6 - M8	
2 x		50 - 100 mm	
1 x		150 mm	
1 x		1/4"	
1 x		1/4"	
1 x		110 mm	
1 x		110 mm	

Socket set

- 6 point
- FlankTraction profil
- Matt finis
- Chrome vanadium
- In durable plastic storage case



911.0651	51 pcs	Socket set	1.35
13 x		4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm	
3 x		4 - 5.5 - 7 mm	
3 x		PH1 - PH2 - PH3	
3 x		PZ1 - PZ2 - PH3	
6 x		3 - 4 - 5 - 6 - 7 - 8 mm	
7 x		T10 - T15 - T20 - T25 - T27 - T30 - T40	
2 x		50 - 100 mm	
1 x		150 mm	
1 x		1/4"	
1 x		1/4"	
1 x		1/4"	
1 x		1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm	
1 x		145 mm	

Socket set

- 6 point
- FlankTraction profil
- Matt finis
- Chrome vanadium
- In durable plastic storage case



911.0653	53 pcs	Socket set	1.55
13 x		4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm	
7 x		6 - 7 - 8 - 10 - 11 - 12 - 13 mm	
3 x		4 - 5.5 - 7 mm	
3 x		PH1 - PH2 - PH3	

3 x		PZ1 - PZ2 - PZ3
6 x		3 - 4 - 5 - 6 - 7 - 8 mm
6 x		T10 - T15 - T20 - T25 - T30 - T40
2 x		50 - 100 mm
1 x		150 mm
1 x		1/4"
1 x		1/4"
1 x		1/4"
1 x		1 - 1.5 - 2 - 2.5 mm
1 x		1/4" x 1/4"
1 x		145 mm

1/4" SET ASSORTMENTS

TX Socket set

- Matt finis
- Chrome vanadium
- In durable plastic case



911.4307	21 pcs	TX Socket set	1.15
4 x		1/4": E4 - E5 - E6 - E8	
5 x		1/2": E10 - E12 - E14 - E18 - E20	
7 x		1/4": T8 - T10 - T15 - T20 - T25 - T27 - T30	
5 x		1/2": T40 - T45 - T50 - T55 - T60	



TX Socket set

- Matt finis
- Chrome vanadium
- In durable plastic case



911.4302	31 pcs	TX Socket set	1.40
6 x		1/4": T10 - T15 - T20 - T25 - T27 - T30	
3 x		5/16": T40 - T45 - T50	
3 x		1/4": TB30 x 30 mm - TB25 x 75 mm - TB30 x 75 mm	
2 x		1/2": T55 - T60	
4 x		1/4": E5 - E6 - E7 - E8	
3 x		3/8": E10 - E12 - E14	
3 x		1/2": E16 - E18 - E20	
3 x		1/4" x 1/4" - 3/8" x 5/16" - 1/2" x 5/16"	
4 x		E6 x E8 - E7 x E11 - E10 x E12 - E14 x E18 -	

TX Socket and bit set

- Matt finis
- Chrome vanadium
- In durable plastic case



911.4305	57 pcs	TX Socket and bit set	2.00
2 x		3/8" x 10mm - 1/2" x 1/4"	
12 x		1/4": E4 - E5 - E6 - E7 - E8; 3/8": E10 - E11 - E12 - E14; 1/2": E16 - E18 - E20	
7 x		4 - 5 - 6 - 7 - 8 - 10 - 12 mm	
9 x		TB20 - TB25 - TB27 - TB30 - TB40 - TB45 - TB50 - TB55 - TB60	
5 x		M5 - M6 - M8 - M10 - M12	
2 x		8 - 10 mm	
2 x		PH2 - PH3	
5 x		5 - 6 - 7 - 8 - 10 mm	
9 x		T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60	
4 x		M6 - M8 - M10 - M12	

TX Socket and bit set

- Matt finis
- Chrome vanadium
- In durable plastic case



1/4" 3/8" 1/2"

		kg	
911.4301-1	30 pcs	TX Socket and bit set	1,45
5 x		1/4": E4 - E5 - E6 - E7 - E8	
4 x		3/8": E10 - E11 - E12 - E14	
5 x		1/2": E16 - E18 - E20 - E22 - E24	
2 x		3/8" x 10 mm - 1/2" x 10mm	
7 x		30 mm (T20 - T25 - T30 - T40 - T45 T50 - T55)	
7 x		75 mm (T20 - T25 - T30 - T40 - T45 T50 - T55)	

TX Bit socket set for TX tamperproof screws

- Matt finis
- Chrome vanadium
- In durable plastic case



1/4" 3/8" 1/2"

		kg	
911.4301-2	30 pcs	TX Bit socket set for TX tamperproof screws	1,45
5 x		1/4": E4 - E5 - E6 - E7 - E8	
4 x		3/8": E10 - E11 - E12 - E14	
5 x		1/2": E16 - E18 - E20 - E22 - E24	
2 x		3/8" x 10 mm - 1/2" x 10mm	
7 x		30 mm (TB20 - TB25 - TB30 - TB40 TB45 - TB50 - TB55)	
7 x		75 mm (TB20 - TB25 - TB30 - TB40 TB45 - TB50 - TB55)	

Socket set

- 6 point
- FlankTraction profil
- Matt finis
- Chrome vanadium
- In durable plastic storage case



1/4" 1/2"

		kg	
917.4052	52 pcs	Socket set	6,25
11 x		1/4": 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 11 - 13 mm	
13 x		1/2": 10 - 11 - 12 - 13 - 14 - 15 - 17 19 - 21 - 24 - 27 - 30 - 32 mm	
3 x		1/4": 4 - 5,5 - 7 mm	
3 x		1/4": PH1 - PH3 - PH4	
4 x		1/4": 3 - 4 - 5 - 6 mm	
2 x		1/2": 8 - 10 mm	
1 x		1/2": PH3	
5 x		1/2": 7 - 8 - 10 - 12 - 14 mm	
2 x		1/4": 50 - 100 mm	
2 x		1/2": 125 - 250 mm	
1 x		1/4"	
1 x		1/4"	
1 x		1/2"	
1 x		1/4"	
1 x		1/4": 145 mm	
1 x		1/2": 250 mm	



Socket set

- 6 point
- FlankTraction profil
- Matt finis
- Chrome vanadium
- In a classy aluminium case



1/4" 1/2"

		kg	
911.0670	70 pcs	Socket set	7,30
13 x		1/4": 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 11 - 12 - 13 - 14 mm	
3 x		1/4": 8 - 10 - 13 mm	
12 x		1/2": 15 - 16 - 17 - 18 - 19 - 20 - 21 22 - 24 - 27 - 30 - 32 mm	
2 x		1/2": 17 - 19 mm	
3 x		1/4": 4 - 5,5 - 7 mm	
2 x		1/4": PH1 - PH2	
2 x		1/4": PZ1 - PZ2	
6 x		1/4": 3 - 4 - 5 - 6 - 7 - 8 mm	
6 x		1/4": T10 - T15 - T20 - T25 - T30 - T40	
3 x		1,5 - 2 - 2,5 mm	
2 x		1/4": 50 - 100 mm	
1 x		1/4"	
1 x		1/4"	
1 x		1/4"	
1 x		1/4": 145 mm	
2 x		1/2": 125 - 250 mm	
1 x		1/2" x 3/8"	
1 x		1/2"	
1 x		1/2": 250 mm	
7 x		8 - 10 - 12 - 13 - 14 - 17 - 19 mm	



CHROMEplus® Socket set

- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic case



1/4" - 1/2"

918.0678	78 pcs	CHROMEplus® Socket set	6.30	
13 x		1/4": 4-4.5-5-5.5-6-7-8-9-10-11-12-13-14 mm		
8 x		1/4": 6-7-8-9-10-11-12-13 mm		
15 x		1/2": 13-14-15-16-17-18-19-20-21-22-24-27-30-32-34 mm		
5 x		1/2": 14-15-17-19-22 mm		
3 x		1/2": 16-18-21 mm		
2 x		1/4": PH1-PH2		
2 x		1/4": PZ1-PZ2		
6 x		1/4": 3-4-5-6-7-8 mm		
7 x		1/4": T10-T15-T20-T25-T27 T30-T40		
6 x		1/4": M4-M5-M6-M7-M8-M10		
1 x		1/4"		
2 x		1/4": 50-100 mm		
1 x		1/4"		
1 x		1/4": 145 mm		
1 x		F3/8" x M1/2"		
2 x		1/2": 125-250 mm		
1 x		1/2"		
1 x		1/2": 250 mm		

Socket set

- 6 point
- FlankTraction profil
- Matt finis
- Chrome vanadium
- In durable plastic storage case



1/4" - 1/2"

911.0682	82 pcs	Socket set	5.80	
13 x		1/4": 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm		
12 x		1/2": 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm		
2 x		1/2": 16 - 21 mm		
3 x		1/4": 4 - 5.5 - 7 mm		
2 x		1/4": PH1 - PH2		
2 x		1/4": PZ1 - PZ2		
4 x		1/4": 3 - 4 - 5 - 6 mm		
6 x		1/4": T8 - T10 - T15 - T20 - T25 - T30		
3 x		5/16": 8 - 10 - 12 mm		
2 x		5/16": PH3 - PH4		
2 x		5/16": PZ3 - PZ4		
4 x		5/16": 8 - 10 - 12 - 14		
4 x		5/16": T40 - T45 - T50 - T55		
2 x		1/4": 50 - 100 mm		
1 x		1/4": 150 mm		
1 x		1/4"		
1 x		1/4"		
1 x		1/4"		
1 x		1/4"		
1 x		1/4"		
2 x		1/2": 125 + 250 mm		
1 x		1/2"		
1 x		1/2"		
1 x		1/2" x 5/16"		
1 x		1/2"		
9 x		8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 mm		

Socket set

- 6 point
- FlankTraction profil
- Matt finis
- Chrome vanadium
- In durable plastic storage case



1/4" - 1/2"

911.0694	94 pcs	Socket set	6.20	
13 x		1/4": 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm		
8 x		1/4": 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm		
18 x		1/2": 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 27 - 30 - 32 mm		
4 x		1/2": 14 - 15 - 17 - 19 mm		
2 x		1/2": 16 - 21 mm		
3 x		1/4": 4 - 5.5 - 7 mm		
2 x		1/4": PH1 - PH2		
2 x		1/4": PZ1 - PZ2		
4 x		1/4": 3 - 4 - 5 - 6 mm		
6 x		1/4": T8 - TB10 - TB15 - TB20 - TB25 - TB30		
2 x		1/4": 50 - 100 mm		
1 x		1/4": 150 mm		
3 x		5/16": 8 - 10 - 12 mm		
2 x		5/16": PH3 - PH4		
2 x		5/16": PZ3 - PZ4		
4 x		5/16": 8 - 10 - 12 - 14 mm		
4 x		5/16": TB40 - TB45 - TB50 - TB55		
1 x		1/4"		
1 x		1/4"		
1 x		1/4"		
1 x		1/4": 145 mm		
4 x		1 - 1.5 - 2 - 2.5 mm		
1 x		1/4"		
2 x		1/2": 125 - 250 mm		
1 x		1/2"		
1 x		1/2"		
1 x		1/2" x 5/16"		
1 x		1/2"		
1 x		1/2": 250 mm		

CHROMEplus® Socket set

- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic case



1/4" - 3/8"

918.0694	94 pcs	CHROMEplus® Socket set	6.38
13 x		1/4": 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 11 - 12 - 13 - 14 mm	
8 x		1/4": 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm	
18 x		1/2": 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 19 - 20 - 21 - 22 - 23 - 24 - 27 - 30 - 32 mm	
4 x		1/2": 14 - 15 - 17 - 19 mm	
2 x		1/2": 16 - 21 mm	
3 x		1/4": 4 - 5,5 - 7 mm	
2 x		1/4": PH1 - PH2	
2 x		1/4": PZ1 - PZ2	
4 x		1/4": 3 - 4 - 5 - 6 mm	
6 x		1/4": TB8 - TB10 - TB15 - TB20 TB25 - TB30	
2 x		1/4": 50 - 100 mm	
1 x		1/4": 150 mm	
3 x		5/16": 8 - 10 - 12 mm	
2 x		5/16": PH3 - PH4	
2 x		5/16": PZ3 - PZ4	
4 x		5/16": 8 - 10 - 12 - 14 mm	
4 x		5/16": T40 - T45 - T50 - T55	
1 x		1/4"	
1 x		1/4"	
1 x		1/4"	
1 x		1/4": 145 mm	
4 x		1 - 1,5 - 2 - 2,5 mm	
1 x		1/4"	
2 x		1/2": 125 - 250 mm	
1 x		F3/8" x M1/2"	
1 x		1/2"	
1 x		1/2" x 5/16"	
1 x		1/2": 250 mm	



CHROMEplus® Socket set

- Imperial sizes
- 6 point
- FlankTraction Profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic case



1/4" 3/8"

918.0699	99 pcs	CHROMEplus® Socket set	6.30
12 x		1/4": 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 11 - 12 - 13 mm	
10 x		1/4": 5/32" - 3/16" - 7/32" - 1/4" - 9/32" 5/16" - 11/32" - 3/8" - 7/16" - 1/2"	
16 x		3/8": 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 16 - 17 - 18 - 19 - 20 - 21 - 22 24 mm	
5 x		3/8": 10 - 12 - 13 - 17 - 19 mm	
11 x		3/8": 1/4" - 5/16" - 3/8" - 7/16" - 1/2" 9/16" - 5/8" - 11/16" - 3/4" - 13/16" 7/8"	
5 x		3/8": 3/8" - 7/16" - 1/2" - 9/16" - 5/8"	
3 x		3/8": 16 - 18 - 21 mm	
3 x		3/8": 5,5 - 6,5 - 8 mm	
2 x		3/8": PH1 - PH2	
2 x		3/8": PZ1 - PZ2	
5 x		3/8": 5 - 6 - 7 - 8 - 10 mm	
5 x		3/8": 5/32" - 3/16" - 1/4" - 5/16" - 3/8"	
8 x		3/8": T10 - T15 - T20 - T25 - T27 - T30 T40 - T45	
5 x		3/8": M4 - M5 - M6 - M8 - M10	
1 x		1/4"	
1 x		1/4": 100 mm	
1 x		1/4"	
2 x		3/8": 75 - 150 mm	
1 x		3/8"	
1 x		3/8": 200 mm	

CHROMEplus® Socket set

- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In a classy aluminium case



1/4" - 1/2"

918.0702	102 pcs	CHROMEplus® Socket set	9.70
13 x		1/4": 4 - 4,5 - 5,5 - 6 - 7 - 8 - 9 - 10 11 - 12 - 13 - 14 mm	
3 x		1/4": 8 - 10 - 13 mm	
13 x		1/2": 13 - 15 - 17 - 18 - 19 - 20 - 21 22 - 24 - 27 - 30 - 32 - 34 mm	
5 x		1/2": 14 - 15 - 17 - 19 - 22 mm	
3 x		1/4": PH1 - PH2 - PH3	
2 x		1/4": PZ1 - PZ2	
4 x		1/4": 3 - 4 - 5 - 6 mm	
7 x		1/4": T10 - T15 - T20 - T25 - T27 T30 - T40	
3 x		1/4": M4 - M5 - M6	
3 x		1/4": E6 - E7 - E8	
6 x		1/2": E10 - E12 - E14 - E16 - E18 E20	
2 x		1/2": 16 - 21 mm	
1 x		1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	
1 x		5/16": PZ3	
2 x		5/16": 8 - 10 mm	
4 x		5/16": TB45 - TB50 - TB55 - TB60	
3 x		5/16": M8 - M10 - M12	
1 x		1/4"	
1 x		1/4"	
2 x		1/4": 50 - 100 mm	
2 x		1/2": 125 - 250 mm	
1 x		F3/8" x M1/2"	
1 x		1/2"	
1 x		1/2" x 5/16"	
2 x		1/4" - 1/2"	
7 x		7 - 8 - 10 - 12 - 13 - 17 - 19 mm	

Socket set

- 6 point
- FlankTraction profil
- Matt finis
- Chrome vanadium
- In durable plastic storage case



1/4" 1/2"

911.0708	108 pcs	Socket set	7.00
13 x		1/4": 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm	
8 x		1/4": 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm	
5 x		1/4": E4 - E5 - E6 - E7 - E8	
3 x		1/4": 4 - 5,5 - 6,5 mm	
2 x		1/4": PH1 - PH2	
2 x		1/4": PZ1 - PZ2	
4 x		1/4": 3 - 4 - 5 - 6 mm	
7 x		1/4": T8 - T10 - T15 - T20 - T25 - T27 - T30	
17 x		1/2": 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm	
5 x		1/2": 14 - 15 - 17 - 19 - 22 mm	
8 x		1/2": E10 - E11 - E12 - E14 - E16 - E18 - E20 - E24	
2 x		1/2": 16 - 21 mm	
2 x		1/4": 50 - 100 mm	
3 x		5/16": 8 - 10 - 12 mm	
2 x		5/16": PH3 - PH4	
2 x		5/16": PZ3 - PZ4	
5 x		5/16": 7 - 8 - 10 - 12 - 14 mm	
5 x		5/16": T40 - T45 - T50 - T55 - T60	
1 x		1/4"	
1 x		1/4"	
1 x		1/4"	
1 x		1/4": 145 mm	
3 x		1,5 - 2 - 2,5 mm	
1 x		1/2": 125 - 250 mm	
1 x		1/2"	
1 x		1/2"	
1 x		1/2" x 5/16"	
1 x		1/2": 250 mm	

CHROMEplus® Socket set

- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic case



1/4" 3/8" 1/2"

918.0724	124 pcs	CHROMEplus® Socket set	9.50
10 x		1/4": 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm	
6 x		1/4": 5 - 6 - 7 - 8 - 9 - 10 mm	
11 x		3/8": 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
6 x		3/8": 10 - 11 - 12 - 13 - 14 - 15 mm	
8 x		3/8": E8 - E10 - E11 - E12 - E14 - E16 - E18 - E20	
8 x		1/2": 20 - 21 - 22 - 24 - 27 - 30 - 32 - 34 mm	
6 x		1/2": 10 - 12 - 13 - 14 - 17 - 19 mm	
2 x		1/2": E22 - E24	
2 x		1/2": 16 - 21 mm	
1 x		1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
2 x		3/8": 4 - 5,5 mm	
3 x		3/8": PH1 - PH2 - PH3	
3 x		3/8": PZ1 - PZ2 - PZ3	
5 x		3/8": 3 - 4 - 5 - 6 - 8 mm	
5 x		3/8": T20 - T30 - T40 - T45 - T50	
4 x		3/8": M4 - M5 - M6 - M8	
7 x		1/4": T10 - T15 - T20 - T25 - T27 - T30 - T40	
1 x		1/4"	
1 x		1/4"	
1 x		1/4": 100 mm	
2 x		3/8": 75 - 150 mm	
2 x		1/2": 125 - 250 mm	
3 x		1/4" - 3/8" - 1/2"	
2 x		1/2": F1/2" x M 3/8"	
3 x		1/4" - 3/8" - 1/2"	

Socket set

- 6 point
- Matt finis
- Chrome vanadium
- In durable plastic storage case



1/4" 3/8" 1/2"

917.0779	175 pcs	Socket set	9.00
13 x		1/4": 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm	
7 x		1/4": 4 - 5 - 6 - 7 - 8 - 9 - 10 mm	
10 x		3/8": 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
6 x		3/8": 10 - 11 - 12 - 13 - 14 - 15 mm	
17 x		1/2": 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm	
5 x		1/2": 16 - 17 - 18 - 19 - 22 mm	
1 x		3/8": 18 mm	
2 x		1/2": 16 - 21 mm	
4 x		1/4": 4 - 5,5 - 6,5 - 7 mm	
3 x		1/4": PH0 - PH1 - PH2	
3 x		1/4": PZ0 - PZ1 - PZ2	
4 x		1/4": 3 - 4 - 5 - 6 mm	
8 x		1/4": T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30	
8 x		1/4": TB8 - TB9 - TB10 - TB15 - TB20 - TB25 - TB27 - TB30	
5 x		1/4": E4 - E5 - E6 - E7 - E8	
6 x		3/8": E10 - E11 - E12 - E14 - E16 - E18	
2 x		1/2": E20 - E24	
11 x		1/4": T5 - T6 - T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30	
1 x		1/4": TB7	
3 x		1/4": M5 - M6 - M8	
5 x		1/4": M5 - M6 - M7 - M8 - M9	
8 x		1/4": TS10 - TS15 - TS20 - TS25 - TS27 - TS30 - TS40 - TS45	
3 x		5/16": 8 - 10 - 12 mm	
5 x		5/16": 7 - 8 - 10 - 12 - 14 mm	
2 x		5/16": PH3 - PH4	
2 x		5/16": PZ3 - PZ4	
6 x		5/16": T40 - T45 - T50 - T55 - T60 - T70	
6 x		5/16": TB40 - TB45 - TB50 - TB55 - TB60 - TB70	

7 x		1,3 - 1,5 - 2 - 2,5 - 3 - 4 - 5 mm
1 x		1/4": 150 mm
1 x		1/4": 110 mm
2 x		1/4": 50 - 100 mm
1 x		3/8": 150 mm
2 x		1/2": 125 - 250 mm
3 x		1/4" - 3/8" - 1/2"
1 x		1/4" x 1/4"
1 x		3/8" x 5/16"
1 x		1/2" x 5/16"
1 x		3/8" Fx1/2" M
3 x		1/4" - 3/8" - 1/2"

Tool kit

- Matt finish
- Chrome vanadium
- In durable plastic storage case



1/4" - 1/2"

911.0688	88 pcs	Tool kit	7,45
12 x		1/4": 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm	
17 x		1/2": 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 30 - 32 mm	
1 x		1/4": 911.2060	
2 x		1/4": 50 - 100 mm	
1 x		1/4"	
1 x		1/4"	
1 x		1/4": 145 mm	
1 x		1/2": 125 mm	
1 x		1/2": 250 mm	
2 x		6,5 - 8 mm	
2 x		PH1 - PH2	
1 x		150 - 250 V	
1 x		250 mm	
1 x		180 mm	
1 x		300 g	
12 x		6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 mm	

Universal tool kit

- 6 point
- Flank Traction profil
- Matt finish
- Chrome vanadium
- In a classy aluminium case



1/4" - 1/2"

911.0727	127 pcs	Universal tool kit	15,50
13 x		1/4": 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm	
13 x		1/2": 10 - 13 - 14 - 16 - 17 - 18 - 19 - 20 - 22 - 24 - 27 - 30 - 32 mm	
2 x		1/2": 16 - 21 mm	
1 x		1/4": 911.2060	
1 x		1/4" x 1/4"	
2 x		1/4": 50 - 100 mm	
1 x		1/4"	
1 x		1/4": 110 mm	
1 x		1/4": 145 mm	
1 x		1/4"	
2 x		1/2": 125 - 250 mm	
1 x		F3/8" x M1/2"	
1 x		1/2"	
1 x		1/2": 250 mm	
1 x		2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	
1 x		T10 - T15 - T20 - T25 - T30 - T40 - T45 - T50	
2 x		5,5 - 6,5 mm	
2 x		PH1 - PH2	
1 x		1/4": 150 mm	
8 x		8 - 9 - 10 - 11 - 13 - 14 - 17 - 19 mm	
1 x		160 mm	
1 x		180 mm	
1 x		200 mm	
1 x		250 mm	
1 x		200 mm	
1 x		145 mm	
1 x		300 g	
1 x		150 - 250 V	
1 x		250 mm	
1 x		250 mm	

1 x		200 mm
1 x		150 mm
3 x		907.2131
1 x		
1 x		
1 x		0 - 150 mm
1 x		400 mm
1 x		5 m x 19 mm
1 x		
1 x		

Universal tool kit

- Removeable plastic trays
- Matt finish
- Chrome vanadium
- Telescopic carrying handle
- In a classy aluminium trolley



1/4" - 1/2"

911.0735	135 pcs	Universal tool kit	17,50
9 x		1/4": 4 - 5 - 6 - 7 - 8 - 9 - 11 - 12 - 13 mm	
4 x		1/4": 8 - 9 - 10 - 13 mm	
13 x		1/2": 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 mm	
1 x		1/4": 911.2060	
1 x		2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	
1 x		T10 - T15 - T20 - T25 - T30 - T40 - T45 - T45 - T50	
1 x		1/4": 100 mm	
1 x		1/4": 150 mm	
1 x		1/4"	
1 x		1/4": 145 mm	
2 x		1/2": 125 - 250 mm	
1 x		1/2"	
1 x		1/2": 250 mm	
2 x		4 - 8 mm	
3 x		PH1 - PH2 - PH3	
3 x		PZ1 - PZ2 - PZ3	
11 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 16 - 17 - 18 - 19 mm	

1 x		150 - 250 V
1 x		2,5 mm
2 x		PH1 - PH2
1 x		max. 2 kg
1 x		160 mm
1 x		160 mm
1 x		240 mm
1 x		250 mm
1 x		250 mm
1 x		10"
1 x		
1 x		140 mm
1 x		165 mm
1 x		3 - 42 mm
1 x		250 mm
1 x		300 mm
1 x		8 mm
1 x		300 g
1 x		5 m x 19 mm
1 x		400 mm



CHROMEplus® Tool kit

- 6 point
- FlankTraction profil
- With removeable plastic storage trays
- Chrome plated and mirror polished
- Chrome vanadium
- Telescopic carrying handle
- In a classy aluminium trolley



1/4" 1/2"

918.0690	90 pcs	CHROMEplus® Tool kit	10.50
13 x		1/4": 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 11 - 12 - 13 - 14 mm	
10 x		1/2": 15 - 17 - 18 - 19 - 20 - 22 - 24 27 - 30 - 32 mm	
2 x		1/2": 16 - 21 mm	
1 x		1/4"	
2 x		1/4": 50 - 100 mm	
1 x		1/4"	
1 x		1/4" x 1/4"	
1 x		1/4": 185 mm	
1 x		1/4"	
1 x		1/4": 140 mm	
2 x		1/2": 125 - 250 mm	
1 x		1/2"	
1 x		1/2": F3/8" - M1/2"	
1 x		1/2": 250 mm	
6 x		1/4": 3 - 4 - 5 - 6 - 7 - 8 mm	
5 x		1/4": PH0 - PH1 - 2 x PH2 - PH3	
5 x		1/4": PZ0 - PZ1 - 2 x PZ2 - PZ3	
6 x		1/4": 3 - 4 - 5 - 6 - 7 - 8 mm	
7 x		1/4": T10 - T15 - T20 - T25 - T27 T30 - T40	
1 x		1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	
7 x		7 - 8 - 10 - 12 - 13 - 17 - 19 mm	
2 x		5,5 - 6,5 mm	
2 x		PH1 - PH2	
1 x		240 mm	
1 x		180 mm	



Universal tool kit

- 6 point
- Flank Traction profil
- With 3 drawers and upper insert storage
- Matt finish
- Chrome vanadium
- In durable steel tool chest



1/4" 1/2"

911.0100	100 pcs	Universal tool kit	19.80
12 x		1/4": 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 11 - 12 - 13 mm	
12 x		1/2": 14 - 15 - 16 - 17 - 18 - 19 - 20 22 - 24 - 27 - 30 - 32 mm	
2 x		1/2": 16 - 21 mm	
1 x		1/4": 911.2060	
1 x		1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	
4 x		1/4": 50 - 100 mm; 1/2": 125 - 250 mm	
2 x		1/4": 100 mm; 1/2": 250 mm	
1 x		1/4"	
2 x		1/4" - 1/2"	
2 x		1/4": 145 mm; 1/2": 250 mm	
12 x		6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 17 19 - 22 mm	
4 x		4,0 x 100 mm - 4,5 x 100 mm 5,0 x 100 mm - 5,0 x 150 mm	
2 x		PH1 x 75 mm - PH2 x 100 mm	
1 x		160 mm	
1 x		180 mm	
1 x		200 mm	
1 x		10"	

CHROMEplus® Universal tool set

- With 3 drawers and upper insert storage
- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable steel tool chest



1/4" 1/2"

918.0100	99 pcs	CHROMEplus® Universal tool set	19.50
13 x		1/4": 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 13 - 14 mm	
3 x		1/4": 8 - 10 - 13 mm	
1 x		1/4": 50 mm	
1 x		1/4"	
1 x		1/4": 110 mm	
1 x		1/4": 140 mm	
3 x		1/4": 4 - 5,5 - 7 mm	
2 x		1/4": PH1 - PH2	
2 x		1/4": PZ1 - PZ2	
6 x		1/4": 3 - 4 - 5 - 6 - 7 - 8 mm	
7 x		1/4": T10 - T15 - T20 - T25 - T27 T30 - T40	
12 x		1/2": 13 - 15 - 17 - 18 - 19 - 20 - 21 22 - 24 - 27 - 30 - 32 mm	
2 x		1/2": 17 - 19 mm	
2 x		1/2": 16 - 21 mm	
2 x		1/2": 125 - 250 mm	
1 x		1/2": F3/8" x M 1/2"	
1 x		1/2"	
1 x		1/2": 250 mm	
1 x		1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 7 - 8 - 10 mm	
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 mm	
6 x		6 x 38 - 3 x 75 - 4 x 100 - 5,5 x 100 6,5 x 125 - 8 x 150 mm	
4 x		PH2 x 38 mm - PH1 x 75 mm - PH2 x 100 mm - PH3 x 150 mm	
1 x		160 mm	
1 x		180 mm	
1 x		200 mm	
1 x		10"	
1 x		250 mm	
1 x		300 g	

CHROMEplus® Universal tool set

- With 3 drawers and upper insert storage
- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable steel tool chest



1/4" 1/2"

918.0200	99 pcs	CHROMEplus® Universal tool set	19.50
13 x		1/4": 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 11 - 12 - 13 - 14 mm	
3 x		1/4": 8 - 10 - 13 mm	
1 x		1/4": 50 mm	
1 x		1/4"	
1 x		1/4": 110 mm	
1 x		1/4": 145 mm	
3 x		1/4": 4 - 4,5 - 7 mm	
2 x		1/4": PH1 - PH2	
2 x		1/4": PZ1 - PZ2	
6 x		1/4": 3 - 4 - 5 - 6 - 7 - 8 mm	
7 x		1/4": T10 - T15 - T20 - T25 - T27 T30 - T40	
12 x		1/2": 13 - 15 - 17 - 18 - 19 - 20 - 21 22 - 24 - 27 - 30 - 32 mm	
2 x		1/2": 17 - 19 mm	
2 x		1/2": 16 - 21 mm	
2 x		1/2": 125 - 250 mm	
1 x		1/2": F3/8" x M 1/2"	
1 x		1/2"	
1 x		1/2": 250 mm	
1 x		1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 mm	
6 x		6 x 38 mm - 3 x 75 mm - 4 x 100 mm 5,5 x 100 mm - 6,5 x 125 mm - 8 x 150 mm	
4 x		PH2 x 38 mm - PH1 x 75 mm PH2 x 100 mm - PH3 x 150 mm	
1 x		160 mm	
1 x		180 mm	
1 x		200 mm	
1 x		10"	
1 x		250 mm	
1 x		300 g	

CHROMEplus® Universal tool set

- With 3 drawers and upper insert storage
- Imperial sizes
- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable steel tool chest



1/4" 1/2"

918.0150	99 pcs	CHROMEplus® Universal tool set	25.60
13 x		1/4": 5/32" - 3/16" - 7/32" - 1/4" - 9/32" - 5/16" 11/32" - 3/8" - 13/32" - 7/16" - 15/32" - 1/2" - 9/16"	
3 x		1/4": 5/16" - 3/8" - 1/2"	
1 x		1/4": 50 mm	
1 x		1/4"	
1 x		1/4": 110 mm	
1 x		1/4": 140 mm	
3 x		1/4": 5/32" - 1/4" - 9/32"	
2 x		1/4": PH1 - PH2	
2 x		1/4": PZ1 - PZ2	
6 x		1/4": 1/8" - 5/32" - 3/16" - 7/32" - 1/4" - 5/16"	
7 x		1/4": T10 - T15 - T20 - T25 - T27 - T30 - T40	
12 x		1/2": 7/16" - 1/2" - 9/16" - 5/8" - 11/16" - 3/4" 13/16" - 7/8" - 15/16" - 1.1/16" - 1.3/16" - 1.1/4"	
2 x		1/2": 11/16" - 3/4"	
2 x		1/2": 16 - 21 mm	
2 x		1/2": 125 - 250 mm	
1 x		1/2": F3/8" x M 1/2"	
1 x		1/2"	
1 x		1/2": 250 mm	
1 x		1/16" - 5/64" - 3/32" - 1/8" - 5/32" - 3/16" 7/32" - 1/4" - 5/16" - 3/8"	
12 x		1/4" - 5/16" - 3/8" - 7/16" - 1/2" - 9/16" - 5/8" 11/16" - 3/4" - 13/16" - 7/8" - 15/16"	
6 x		6 x 38 mm - 3 x 75 mm - 4 x 100 mm 5,5 x 100 mm - 6,5 x 125 mm - 8 x 150 mm	
4 x		PH2 x 38 mm - PH1 x 75 mm PH2 x 100 mm - PH3 x 150 mm	
1 x		125 mm	
1 x		180 mm	
1 x		200 mm	
1 x		10"	
1 x		250 mm	
1 x		300 g	

 1
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1/4" POINT OF SALE DISPLAYS

Socket display

- Superlock
- Matt finish
- Chrome vanadium



		1/4"	
911.0320	379 pcs	Socket display	13.50
179 x		19x(4-5-6-7-8mm)-17x9mm-16x10mm-14x11mm-13x(12-13mm)-11x14mm	
20 x		150 mm	
20 x		100 mm	
11 x		110 mm	
129 x		19x(6-7-8mm)-17x9mm-15x10mm-14x11mm-13x(12-13mm)	
20 x		25 mm	

CHROMEplus® Socket display

- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In point of sale display



		1/4"	
918.0320	379 pcs	CHROMEplus® Socket display	13.50
179 x		19x(4-5-6-7-8mm)-17x9mm-16x10mm-14x11mm-13x(12-13mm)-11x14mm	
20 x		150 mm	
20 x		100 mm	
11 x		110 mm	
129 x		19x(6-7-8mm)-17x9mm-15x10mm-14x11mm-13x(12-13mm)	
20 x		25 mm	

Bit socket display

- Matt finish
- Chrome vanadium
- In point of sale display



		1/4"	
911.0330	540 pcs	Bit socket display	13.00
40 x		20 x (4 - 5,5 mm)	
60 x		20 x (PH1 - PH2 - PH3)	
60 x		20 x (PZ1 - PZ2 - PZ3)	
100 x		20 x (3 - 4 - 5 - 6 - 7 mm)	
80 x		20 x (T10 - T15 - T20 - T25)	
160 x		20 x (TB8 - TB10 - TB15 - TB20 - TB25 - TB27 - TB30 - TB40)	
40 x		20 x (50 - 100mm)	

CHROMEplus® Bit socket display

- Chrome plated and mirror polished
- Chrome vanadium
- In point of sale display



		1/4"	
918.0330	540 pcs	CHROMEplus® Bit socket display	13.00
40 x		20 x (4 - 5,5 mm)	
60 x		20 x (PH1 - PH2 - PH3)	
60 x		20 x (PZ1 - PZ2 - PZ3)	
100 x		20 x (3 - 4 - 5 - 6 - 7 mm)	
80 x		20 x (T10 - T15 - T20 - T25)	
160 x		20 x (TB8 - TB10 - TB15 - TB20 - TB25 - TB27 - TB30 - TB40)	
40 x		20 x (50 - 100mm)	

3/8" SOCKETS

CLASSIC Hexagonal socket

- 6 point
- FlankTraction Profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finish
- Chrome vanadium



	mm	mm	D1 mm	D2 mm	L mm	T mm	mm
917.3806	6.0		10.0	18.0	28.0	5.0	20
917.3807	7.0		11.0	18.0	28.0	5.0	22
917.3808	8.0		12.0	18.0	28.0	9.0	24
917.3809	9.0		14.0	18.0	28.0	9.0	26
917.3810	10.0		15.0	18.0	28.0	9.0	30
917.3811	11.0		16.0	18.0	28.0	9.0	30
917.3812	12.0		17.0	18.0	28.0	9.0	32
917.3813	13.0		19.0	18.0	28.0	9.0	35
917.3814	14.0		20.0	18.0	29.0	11.0	40
917.3815	15.0		21.0	20.0	30.0	13.0	42
917.3816	16.0		22.0	21.0	30.0	13.0	48
917.3817	17.0		24.0	22.0	30.0	13.0	55
917.3818	18.0		25.0	23.0	30.0	13.0	60
917.3819	19.0		26.0	24.0	30.0	13.0	70
917.3820	20.0		27.0	25.0	31.0	13.0	75
917.3821	21.0		29.0	26.0	31.0	14.0	82
917.3822	22.0		30.0	26.0	32.0	15.0	85
917.3824	24.0		31.0	27.0	32.0	16.0	88
917.3870	1/4"		10.0	18.0	30.0	6.0	20
917.3871	9/32"		11.0	18.0	30.0	7.0	22
917.3872	5/16"		12.0	18.0	30.0	7.0	24
917.3873	11/32"		13.0	18.0	30.0	7.0	26
917.3874	3/8"		14.0	18.0	30.0	9.0	26
917.3875	7/16"		16.0	16.0	27.0	10.0	30
917.3876	1/2"		18.0	18.0	30.0	12.0	30
917.3877	9/16"		20.0	20.0	30.0	13.0	30
917.3801	19/32"		19.0	20.8	30.0	13.0	40
917.3878	5/8"		22.0	22.0	30.0	13.0	40
917.3879	11/16"		23.0	24.0	30.0	14.0	50
917.3880	3/4"		25.0	26.0	30.0	15.0	60
917.3881	13/16"		21.0	28.0	32.0	16.0	70
917.3882	7/8"		29.0	30.0	32.0	18.0	80



CLASSIC hexagonal socket set

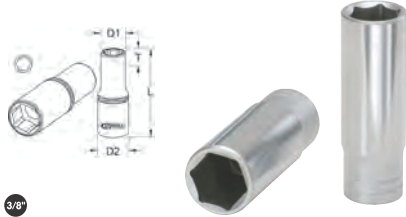
- 6 point
- FlankTraction Profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finish
- Chrome vanadium
- Includes storage rail



		1/4"	
911.0608	11 pcs	8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	0.75

CLASSIC Hexagonal socket, deep

- 6 point
- FlankTraction Profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Matt finis
- Chrome vanadium



	mm	mm	D1 mm	D2 mm	L mm	T mm	g
917.3828	8.0		12.0	16.0	63.0	10.0	110
917.3829	9.0		14.0	17.0	63.0	11.0	110
917.3830	10.0		15.0	18.0	63.0	11.0	110
917.3831	11.0		16.0	18.0	63.0	12.0	120
917.3832	12.0		17.0	18.0	63.0	14.0	120
917.3833	13.0		19.0	19.0	63.0	14.0	140
917.3834	14.0		20.0	20.0	63.0	17.0	140
917.3835	15.0		21.0	21.0	63.0	17.0	140
917.3836	16.0		22.0	22.0	63.0	17.0	150
917.3837	17.0		24.0	21.0	63.0	17.0	150
917.3838	18.0		24.0	25.0	63.0	20.0	150
917.3839	19.0		26.0	22.0	63.0	20.0	150
917.3840	20.0		28.0	24.0	63.0	20.0	150
917.3841	21.0		28.0	24.0	63.0	20.0	150
917.3842	22.0		30.0	24.0	63.0	23.0	150
917.3843		3/8"	15.0	18.0	63.0	11.0	50
917.3844		7/16"	16.0	18.0	63.0	12.0	50
917.3845		1/2"	19.0	19.0	63.0	14.0	70
917.3846		9/16"	20.0	20.0	63.0	17.0	70
917.3847		5/8"	22.0	22.0	63.0	17.0	90
917.3848		11/16"	24.0	21.0	63.0	17.0	90
917.3849		3/4"	26.0	22.0	63.0	20.0	90
917.3802		13/16"	27.0	25.0	63.0	23.0	180
917.3803		7/8"	29.0	26.5	63.0	25.0	190

CLASSIC hexagonal socket set, deep

- 6 point
- FlankTraction Profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



	mm	mm	D1 mm	D2 mm	L mm	T mm	g
911.0611	11 pcs	8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm					0.75

CHROMEplus® hexagonal socket

- 6 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	mm	mm	D1 mm	D2 mm	L mm	T mm	g
918.3936	6.0		10.0	18.0	28.0	5.0	20
918.3937	7.0		11.0	18.0	27.0	5.0	22

	mm	mm	D1 mm	D2 mm	L mm	T mm	g
918.3808	8,0		12,0	18,0	27,0	9,0	24
918.3809	9,0		14,0	18,0	27,0	9,0	26
918.3810	10,0		15,0	18,0	27,0	9,0	30
918.3811	11,0		16,0	18,0	27,0	9,0	30
918.3812	12,0		17,0	18,0	30,0	9,0	32
918.3813	13,0		19,0	18,0	30,0	9,0	35
918.3814	14,0		20,0	18,0	30,0	11,0	40
918.3815	15,0		21,0	20,0	30,0	13,0	42
918.3816	16,0		22,0	21,0	30,0	13,0	48
918.3817	17,0		24,0	22,0	30,0	13,0	55
918.3818	18,0		25,0	24,0	30,0	13,0	60
918.3819	19,0		26,0	25,0	30,0	13,0	70
918.3820	20,0		27,7	24,9	30,0	16,0	70
918.3821	21,0		27,8	25,0	32,0	16,0	63
918.3822	22,0		29,8	26,6	30,0	16,0	82
918.3824	24,0		31,7	29,0	30,0	16,0	92
918.3901		1/4"	10,5	16,9	28,0	11,5	20
918.3912		9/32"	10,6	16,9	28,0	11,5	22
918.3902		5/16"	11,9	16,9	28,0	11,5	20
918.3903		11/32"	14,2	16,9	28,0	11,5	26
918.3913		3/8"	14,6	16,9	28,0	11,5	26
918.3904		7/16"	15,6	16,9	28,0	11,5	30
918.3905		1/2"	17,8	16,9	28,0	11,5	30
918.3906		9/16"	19,8	16,9	28,0	14,3	30
918.3951		19/32"	19,0	20,8	30,0	13,0	40
918.3907		5/8"	21,8	18,8	28,0	14,3	40
918.3908		11/16"	23,9	19,9	30,0	16,4	50
918.3909		3/4"	25,8	22,9	30,0	16,4	60
918.3910		13/16"	27,8	25,0	30,0	16,4	70
918.3911		7/8"	29,8	28,8	30,0	16,4	80

CHROMEplus® Hexagonal socket set

- 6 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Includes storage rail



	mm	mm	D1 mm	D2 mm	L mm	T mm	g
918.0608	11 pcs	8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm					0.75

CHROMEplus® Hexagonal socket, deep

- 6 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	mm	mm	D1 mm	D2 mm	L mm	T mm	g
918.3828	8		12,6	16,9	63,0	4,3	
918.3829	9		17,0	13,0	63,0	4,5	
918.3830	10		14,6	16,9	63,0	5,1	
918.3831	11		16,0	16,9	63,0	5,2	
918.3832	12		17,8	16,9	63,0	5,9	
918.3833	13		17,8	16,9	63,0	7,5	
918.3834	14		19,6	17,9	63,0	7,7	
918.3835	15		21,8	19,6	63,0	7,8	
918.3836	16		21,8	19,6	63,0	8,2	
918.3837	17		23,7	21,8	63,0	10,7	
918.3838	18		25,7	22,9	63,0	12,0	
918.3839	19		25,7	22,9	63,0	14,9	
918.3840	20		27,8	25,2	63,0	15,4	
918.3841	21		27,8	25,5	63,0	15,0	

	mm	mm	D1 mm	D2 mm	L mm	T mm	g
918.3842	22		29,9	26,8	63,0	15,9	
918.3923		3/8"	14,6	16,9	63,0	5,0	
918.3924		7/16"	15,9	16,9	63,0	5,0	
918.3925		1/2"	17,8	16,9	63,0	7,0	
918.3926		9/16"	19,8	18,0	63,0	7,0	
918.3927		5/8"	23,8	21,7	63,0	9,0	
918.3928		11/16"	23,8	21,7	63,0	9,0	
918.3929		3/4"	25,8	23,2	63,0	9,0	
918.3706		13/16"	27,0	25,0	63,0	13,0	
918.3707		7/8"	29,0	26,5	63,0	18,0	

CHROMEplus® hexagonal socket set, deep

- 6 point
- FlankTraction Profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 - ISO 1174 with ball reception
- Long execution
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



	mm	mm	D1 mm	D2 mm	L mm	T mm	g
918.0611	11 pcs	8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm					0.75

Classic hexagonal socket with flexible joint

- 6 point
- FlankTraction Profil
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Screwed joints
- For manual operation
- Matt finis
- Chrome vanadium



	mm	D1 mm	D2 mm	L mm	T mm	g
917.3941	10,0	15,0	20,0	40,0	6,0	50
917.3942	11,0	16,0	20,0	40,0	6,0	60
917.3943	12,0	17,0	20,0	40,0	7,0	70
917.3944	13,0	19,0	20,0	40,0	7,0	80
917.3945	14,0	20,0	20,0	40,0	9,0	80
917.3946	15,0	21,0	20,0	40,0	9,0	80
917.3947	16,0	22,0	20,0	40,0	10,0	80
917.3948	17,0	24,0	20,0	40,0	11,0	80
917.3949	18,0	24,0	20,0	40,0	12,0	100
917.3951	19,0	26,0	20,0	40,0	13,0	100

Classic hexagonal socket set with flexible joint

- 6 point
- FlankTraction Profil
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Screwed joints
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



	mm	mm	D1 mm	D2 mm	L mm	T mm	g
917.3940	10 pcs	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm					1.10

CHROMEplus® hexagonal socket with flexible joint

- 6 point
- FlankTraction Profil
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Screwed joints
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	mm	D1 mm	D2 mm	L mm	T mm	g
911.3841	10,0	15,0	20,0	40,0	6,0	50
911.3842	11,0	16,0	20,0	40,0	6,0	60
911.3843	12,0	17,0	20,0	40,0	7,0	70
911.3844	13,0	19,0	20,0	40,0	7,0	80
911.3845	14,0	20,0	20,0	40,0	9,0	80
911.3846	15,0	21,0	20,0	40,0	9,0	80
911.3847	16,0	22,0	20,0	40,0	10,0	80
911.3848	17,0	24,0	20,0	40,0	11,0	80
911.3849	18,0	24,0	20,0	40,0	12,0	100
911.3851	19,0	26,0	20,0	40,0	13,0	100

CHROMEplus® hexagonal socket set with flexible joint

- 6 point
- FlankTraction Profil
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Screwed joints
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



	mm	g
911.3840	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	1.11

12 Point socket

- 12 point
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finish
- Chrome vanadium

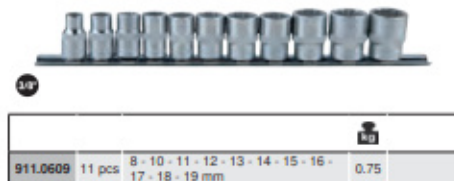


	mm	D1 mm	D2 mm	L mm	T mm	g
917.3804	6,0	10,0	18,0	28,0	5,0	20
917.3805	7,0	11,0	18,0	28,0	5,0	22
911.3981	8,0	12,0	18,0	28,0	9,0	24
911.3982	9,0	14,0	18,0	28,0	9,0	26
911.3983	10,0	15,0	18,0	28,0	9,0	30
911.3984	11,0	16,0	18,0	28,0	9,0	30
911.3985	12,0	17,0	18,0	28,0	9,0	32
911.3986	13,0	19,0	18,0	28,0	9,0	35

	mm	D1 mm	D2 mm	L mm	T mm	g
911.3987	14,0	20,0	18,0	29,0	11,0	40
911.3988	15,0	21,0	20,0	30,0	13,0	42
911.3989	16,0	22,0	21,0	30,0	13,0	48
911.3992	17,0	24,0	22,0	30,0	13,0	55
911.3993	18,0	25,0	23,0	30,0	13,0	60
911.3994	19,0	26,0	24,0	30,0	13,0	70
911.3996	21,0	29,0	26,0	31,0	14,0	82
911.3997	22,0	30,0	26,0	32,0	15,0	85
911.3998	24,0	31,0	27,0	32,0	15,0	90
917.3823	1/4"	10,0	18,0	30,0	6,0	20
917.3825	9/32"	11,0	18,0	30,0	7,0	22
917.3826	5/16"	12,0	18,0	30,0	7,0	24
917.3827	11/32"	13,0	18,0	30,0	7,0	26
917.3851	3/8"	14,0	18,0	30,0	9,0	26
917.3852	7/16"	16,0	16,0	27,0	10,0	30
911.4000	1/2"	18,0	19,0	28,0	9,0	35
911.4001	9/16"	20,0	19,0	29,0	11,0	40
911.4002	19/32"	21,0	20,0	30,0	13,0	42
911.4003	5/8"	22,0	21,0	30,0	13,0	48
911.4004	11/16"	24,0	23,0	30,0	13,0	55
911.4005	3/4"	26,0	24,0	30,0	13,0	70
917.3854	13/16"	21,0	28,0	32,0	16,0	70
911.4006	7/8"	30,0	27,0	32,0	15,0	100

12 point socket set

- 12 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finish
- Includes storage rail



	mm	g
911.0609	8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	0.75

12 Point socket, deep

- 12 point
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Matt finish
- Chrome vanadium



	mm	D1 mm	D2 mm	L mm	T mm	g
917.3855	8,0	12,0	16,0	63,0	10,0	40
917.3856	9,0	14,0	17,0	63,0	10,0	43
917.3970	10,0	15,0	18,0	63,0	11,0	50
917.3971	11,0	16,0	18,0	63,0	12,0	60
917.3972	12,0	17,0	18,0	63,0	14,0	65
917.3973	13,0	19,0	19,0	63,0	14,0	70
917.3974	14,0	20,0	20,0	63,0	17,0	85
917.3975	15,0	21,0	21,0	63,0	17,0	85
917.3976	16,0	22,0	22,0	63,0	17,0	95
917.3977	17,0	24,0	21,0	63,0	17,0	105
917.3978	18,0	25,0	22,0	63,0	20,0	110
917.3979	19,0	26,0	22,0	63,0	20,0	120
917.3980	20,0	27,0	24,0	63,0	20,0	135
917.3981	21,0	29,0	24,0	63,0	20,0	145
917.3982	22,0	30,0	24,0	63,0	23,0	160
917.3983	3/8"	14,0	18,0	63,0	11,0	50
917.3984	7/16"	16,0	18,0	63,0	12,0	60
917.3985	1/2"	18,0	19,0	63,0	14,0	70
917.3986	9/16"	20,0	20,0	63,0	17,0	85
917.3987	5/8"	22,0	22,0	63,0	17,0	95
917.3988	11/16"	24,0	21,0	63,0	17,0	105
917.3989	3/4"	26,0	22,0	63,0	20,0	135
917.3990	13/16"	28,0	24,0	63,0	20,0	145
917.3991	7/8"	30,0	24,0	63,0	23,0	160

12 Point socket set, deep

- 12 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Matt finish
- Includes storage rail



	mm	g
911.0606	8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	0.75

CHROMEplus® 12 point socket

- 12 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725-1
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	mm	D1 mm	D2 mm	L mm	T mm	g
918.3723	6,0	10,0	18,0	28,0	5,0	20
918.3725	7,0	11,0	18,0	28,0	5,0	22
918.3708	8,0	12,0	18,0	28,0	9,0	24
918.3709	9,0	14,0	18,0	28,0	9,0	26
918.3710	10,0	15,0	18,0	28,0	9,0	30
918.3711	11,0	16,0	18,0	28,0	9,0	30
918.3712	12,0	17,0	18,0	28,0	9,0	32
918.3713	13,0	19,0	18,0	28,0	9,0	35
918.3714	14,0	20,0	18,0	29,0	11,0	40
918.3715	15,0	21,0	20,0	30,0	13,0	42
918.3716	16,0	22,0	21,0	30,0	13,0	48
918.3717	17,0	24,0	22,0	30,0	13,0	55
918.3718	18,0	25,0	23,0	30,0	13,0	60
918.3719	19,0	26,0	24,0	30,0	13,0	70
918.3720	20,0	27,0	25,0	31,0	13,0	75
918.3721	21,0	29,0	26,0	31,0	14,0	82
918.3722	22,0	30,0	26,0	32,0	15,0	85
918.3724	24,0	31,0	27,0	32,0	16,0	88
918.3726	1/4"	10,0	18,0	30,0	6,0	20
918.3727	9/32"	11,0	18,0	30,0	7,0	22
918.3728	5/16"	12,0	18,0	30,0	7,0	24
918.3729	11/32"	13,0	18,0	30,0	7,0	26
918.3731	3/8"	14,0	18,0	30,0	9,0	26
918.3732	7/16"	16,0	18,0	30,0	10,0	30
918.3733	1/2"	18,0	18,0	30,0	12,0	30
918.3734	9/16"	20,0	20,0	30,0	13,0	30
918.3741	19/32"	19,0	20,8	30,0	13,0	40
918.3735	5/8"	22,0	22,0	30,0	13,0	40
918.3736	11/16"	23,0	24,0	30,0	14,0	50
918.3737	3/4"	25,0	26,0	30,0	15,0	60
918.3738	13/16"	21,0	28,0	32,0	16,0	70
918.3739	7/8"	29,0	30,0	32,0	18,0	80

CHROMEplus® 12 Point socket set

- 12-point
- FlankTraction-Profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Includes storage rail



	mm	g
918.0601	8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	0.75

CHROMEplus® 12 Point socket, deep

- 12 point
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	mm	D1 mm	D2 mm	L mm	T mm	kg
918.3742	8,0	12,0	16,0	63,0	10,0	45
918.3743	9,0	14,0	17,0	63,0	10,0	50
918.3744	10,0	15,0	18,0	64,0	11,0	50
918.3745	11,0	16,0	18,0	64,0	12,0	60
918.3746	12,0	17,0	18,0	64,0	14,0	65
918.3747	13,0	19,0	19,0	64,0	14,0	70
918.3748	14,0	20,0	20,0	64,0	17,0	85
918.3749	15,0	21,0	21,0	64,0	17,0	85
918.3751	16,0	22,0	22,0	64,0	17,0	95
918.3752	17,0	24,0	21,0	64,0	17,0	105
918.3753	18,0	25,0	22,0	64,0	20,0	110
918.3754	19,0	26,0	22,0	64,0	20,0	120
918.3755	20,0	27,0	24,0	64,0	20,0	135
918.3756	21,0	29,0	24,0	64,0	20,0	145
918.3757	22,0	30,0	24,0	64,0	23,0	160
918.3758	3/8"	14,0	18,0	64,0	11,0	50
918.3759	7/16"	16,0	18,0	64,0	12,0	60
918.3761	1/2"	18,0	19,0	64,0	14,0	70
918.3762	9/16"	20,0	20,0	64,0	17,0	85
918.3763	5/8"	22,0	22,0	64,0	17,0	95
918.3764	11/16"	24,0	22,0	64,0	17,0	105
918.3765	3/4"	26,0	22,0	64,0	20,0	135
918.3766	13/16"	28,0	24,0	64,0	20,0	145
918.3767	7/8"	30,0	24,0	64,0	23,0	160

CHROMEplus® 12-point socket-set, deep

- 12 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Chrome plated and mirror polished
- Includes storage rail

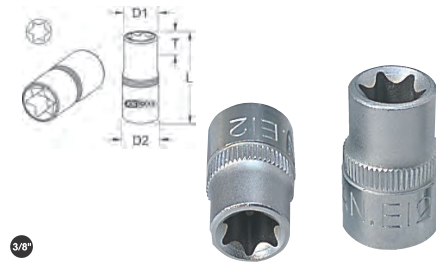


	mm	kg
918.0602	11 pcs 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	0,75



TX E socket

- TX E
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finis
- Chrome vanadium



		D1 mm	D2 mm	L mm	T mm	kg
911.4338	E4	7,0	17,0	28,0	5,0	25
911.4339	E5	7,0	18,0	28,0	5,0	25
911.4340	E6	9,0	18,0	28,0	5,0	25
911.4341	E7	10,0	18,0	28,0	6,0	25
911.4342	E8	11,0	18,0	28,0	6,0	25
911.4318	E10	13,0	18,0	28,0	9,0	30
911.4319	E11	14,0	18,0	28,0	9,0	30
911.4320	E12	15,0	18,0	28,0	9,0	30
911.4321	E14	17,0	18,0	28,0	9,0	35
911.4343	E16	18,0	19,0	28,0	9,0	40
911.4344	E18	19,0	19,0	28,0	9,0	40
911.4345	E20	19,0	20,0	28,0	9,0	40

TX E socket set

- TX E
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



	mm	kg
911.3930	10 pcs E5 - E6 - E7 - E8 - E10 - E11 - E12 - E14 - E16 - E18	0,31

CHROMEplus® TX E socket

- TX E
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		D1 mm	D2 mm	L mm	T mm	kg
918.3971	E4	7,0	17,0	28,0	5,0	25
918.3972	E5	7,0	18,0	28,0	5,0	25
918.3973	E6	9,0	18,0	28,0	5,0	25
918.3974	E7	10,0	18,0	28,0	6,0	25
918.3975	E8	11,0	18,0	28,0	6,0	25
918.3976	E10	13,0	18,0	28,0	9,0	30
918.3977	E11	14,0	18,0	28,0	9,0	30
918.3978	E12	15,0	18,0	28,0	9,0	30
918.3979	E14	17,0	18,0	28,0	9,0	35
918.3980	E16	18,0	23,0	28,0	9,0	40
918.3981	E18	19,0	24,0	28,0	9,0	40
918.3982	E20	19,0	17,0	28,0	9,0	40

CHROMEplus® TX E socket set

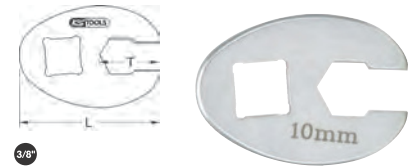
- TX E
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



	mm	kg
918.3955	10 pcs E5 - E6 - E7 - E8 - E10 - E11 - E12 - E14 - E16 - E18	0,31

Crawfoot wrench, hexagonal

- 6 point
- With internal square drive
- For manual operation
- Matt finis
- Chrome vanadium



	mm	L mm	T mm	kg
913.3810	10,0	40,0	16,0	40
913.3811	11,0	37,0	13,0	40
913.3812	12,0	37,0	15,0	40
913.3813	13,0	36,0	14,0	40
913.3814	14,0	43,0	18,0	60
913.3815	15,0	42,0	20,0	60
913.3816	16,0	43,0	22,0	60
913.3817	17,0	48,0	23,0	80
913.3818	18,0	46,0	21,0	80
913.3819	19,0	44,0	22,0	80

Crawfoot wrench, hexagonal

- 6 point
- Internal square drive
- For manual operation
- Matt finis
- Chrome vanadium



	mm	kg
913.3800	10 pcs 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	0,63

CHROMEplus® 12 point crawfoot wrench

- 12 point
- Internal square drive
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	mm	L mm	T mm	kg
913.3910	10,0	36,0	13,0	40
913.3911	11,0	36,0	17,0	40
913.3912	12,0	37,0	14,0	40
913.3913	13,0	37,0	17,0	40
913.3914	14,0	41,0	19,0	60
913.3915	15,0	42,0	21,0	60
913.3916	16,0	43,0	22,0	60
913.3917	17,0	46,0	22,0	80
913.3919	19,0	46,0	23,0	80
913.3922	22,0	54,0	30,0	90

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CHROMEplus® 12 point crawfoot wrench set

- 12 point
- Internal square drive
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



913.3900	10 pcs	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 19 - 22 mm	0.50
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Spark plug socket

- DIN 3124 / ISO 3315
- Internal square to DIN 3120 / ISO 1174 with ball reception
- With rubber stop for holding the sparks plugs
- Long execution
- For manual operation
- Matt finish
- Chrome vanadium



	Profile	mm	D1 mm	D2 mm	L mm	kg
911.3990	○	14,0	26,0	20,0	63,0	60
911.3804	○	16,0	20,0	18,0	63,0	60
911.3823	○	18,0	26,0	21,0	63,0	135
911.3805	○	21,0	22,0	19,0	63,0	60
911.3909	○	5/8"	22,0	20,0	63,0	60
911.3908	○	13/16"	27,0	20,0	63,0	60

CHROMEplus® Spark plug socket

- DIN 3124 / ISO 3315
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Rubber stop for holding the sparks plugs
- Long execution
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	Profile	mm	D1 mm	D2 mm	L mm	kg
918.3990	○	14	20,0	18,0	63,0	60
918.3804	○	16,0	22,0	19,0	63,0	60
918.3805	○	18,0	26,0	20,0	63,0	60
918.3806	○	21,0	28,0	21,0	63,0	60
918.3991	○	13/16"	27,0	20,0	63,0	60
918.3992	○	5/8"	22,0	20,0	63,0	60

3/8" BIT SOCKETS

Bit socket for slotted screws

- Slotted
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finish
- Chrome vanadium



	mm	D mm	L mm	T mm	kg
911.3946	4.0	18.0	50.0	24.0	45
911.3947	5.0	18.0	50.0	24.0	45
911.3878	5.5	18.0	50.0	24.0	45
911.3879	6.5	18.0	50.0	24.0	45
911.3880	8.0	18.0	50.0	24.0	50
911.3948	12.0	18.0	50.0	24.0	50
911.3949	10.0	18.0	50.0	24.0	50

CHROMEplus® bit socket for slotted screws

- Slotted
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	mm	D mm	L mm	T mm	kg
918.3851	4.0	18.0	50.0	24.0	40
918.3852	5.0	18.0	50.0	24.0	40
918.3853	5.5	18.0	50.0	24.0	45
918.3854	6.5	18.0	50.0	24.0	45
918.3855	8.0	18.0	50.0	24.0	50
918.3986	10.0	18.0	50.0	24.0	50
918.3987	12.0	18.0	50.0	24.0	50

Bit socket for phillips head screws PH

- PH
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finish
- Chrome vanadium



		D mm	L mm	T mm	kg
911.3875	PH 1	18.0	50.0	24.0	35
911.3876	PH 2	18.0	50.0	24.0	45
911.3877	PH 3	18.0	50.0	24.0	50



CHROMEplus® bit socket for Phillips screws PH

- PH
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		D mm	L mm	T mm	kg
918.3868	PH 1	18.0	50.0	24.0	35
918.3869	PH 2	18.0	50.0	24.0	45
918.3891	PH 3	18.0	50.0	24.0	50

Bit socket for Phillips head screws PZ

- PZ
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finish
- Chrome vanadium



		D mm	L mm	T mm	kg
911.3881	PZ 1	18.0	50.0	24.0	40
911.3882	PZ 2	18.0	50.0	24.0	40
911.3883	PZ 3	18.0	50.0	24.0	55

CHROMEplus® bit socket for Phillips screws PZ

- PZ
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		D mm	L mm	T mm	kg
918.3877	PZ 1	18.0	50.0	24.0	40
918.3878	PZ 2	18.0	50.0	24.0	40
918.3892	PZ 3	18.0	50.0	24.0	55

Bit socket for hexagon screws

- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium



	mm	D mm	L mm	T mm	kg
911.3863	3,0	18,0	50,0	24,0	40
911.3864	4,0	18,0	50,0	24,0	43
911.3865	5,0	18,0	50,0	24,0	44
911.3866	6,0	18,0	50,0	24,0	45
911.3867	7,0	18,0	50,0	24,0	46
911.3868	8,0	18,0	50,0	24,0	47
917.3857	10,0	18,0	50,0	24,0	60
911.3862	12,0	18,0	50,0	24,0	65
917.3962	5/32"	18,0	50,0	24,0	40
917.3963	3/16"	18,0	50,0	24,0	43
917.3964	1/4"	18,0	50,0	24,0	44
917.3965	5/16"	18,0	50,0	24,0	45
917.3966	3/8"	18,0	50,0	24,0	46
917.3967	1/2"	18,0	50,0	24,0	47
917.3968	7/32"	18,0	50,0	24,0	60

Bit socket set for hexagon key screws

- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted stud
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



	mm	D mm	L mm	T mm	kg
911.3945	7 pcs	4 - 5 - 6 - 7 - 8 - 10 - 12 mm			0,31

CHROMEplus® Bit socket for hexagon screws

- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	mm	D mm	L mm	T mm	kg
918.3861	3,0	18,0	50,0	24,0	40
918.3862	4,0	18,0	50,0	24,0	43
918.3863	5,0	18,0	50,0	24,0	44
918.3864	6,0	18,0	50,0	24,0	45
918.3865	7,0	18,0	50,0	24,0	46
918.3866	8,0	18,0	50,0	24,0	47
918.3867	10,0	18,0	50,0	24,0	60
918.3961	12,0	18,0	50,0	24,0	65
918.3962	5/32"	18,0	50,0	24,0	40
918.3963	3/16"	18,0	50,0	24,0	43
918.3964	1/4"	18,0	50,0	24,0	44
918.3965	5/16"	18,0	50,0	24,0	45
918.3966	3/8"	18,0	50,0	24,0	46
918.3967	1/2"	18,0	50,0	24,0	47
918.3968	7/32"	18,0	50,0	24,0	60

CHROMEplus® bit socket set for hexagon screws

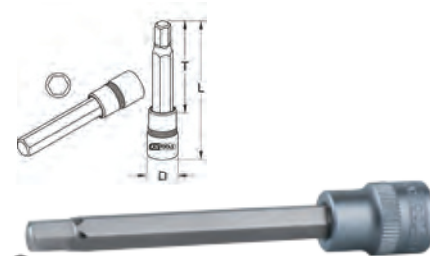
- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted stud
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



	mm	D mm	L mm	T mm	kg
918.3921	7 pcs	4 - 5 - 6 - 7 - 8 - 10 - 12 mm			0,31

Bit socket for hexagon screws, long

- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium



	mm	D mm	L mm	T mm	kg
911.1561	4,0	18,0	100,0	74,0	50
911.1562	5,0	18,0	100,0	74,0	50
911.1563	6,0	18,0	100,0	74,0	50
911.1564	7,0	18,0	100,0	74,0	50
911.1565	8,0	18,0	100,0	74,0	60
911.1566	10,0	18,0	100,0	74,0	60
911.1567	12,0	18,0	100,0	74,0	60

Bit socket set for hexagon screws, long

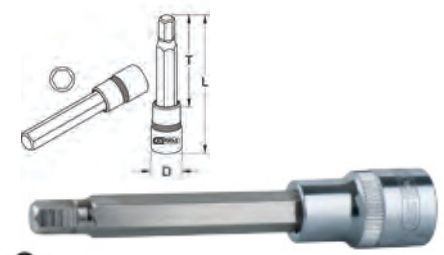
- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



	mm	D mm	L mm	T mm	kg
911.1560	7 pcs	4 - 5 - 6 - 7 - 8 - 10 - 12 mm			0,52

CHROMEplus® bit socket for hexagon screws, long

- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	mm	D mm	L mm	T mm	kg
918.3914	4,0	18,0	100,0	74,0	50
918.3915	5,0	18,0	100,0	74,0	50
918.3916	6,0	18,0	100,0	74,0	50
918.3917	7,0	18,0	100,0	74,0	50
918.3918	8,0	18,0	100,0	74,0	60
918.3919	10,0	18,0	100,0	74,0	60
918.3920	12,0	18,0	100,0	74,0	60

CHROMEplus® bit socket set for hexagon screws, long

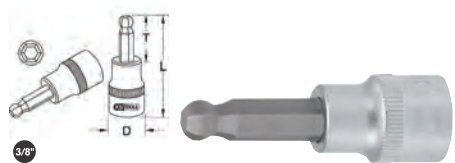
- Hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



	mm	D mm	L mm	T mm	kg
918.3960	7 pcs	4 - 5 - 6 - 7 - 8 - 10 - 12 mm			0,52

Bit socket for hexagon screws with ball end

- Ball end hexagon socket
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium



	mm	D mm	L mm	T mm	kg
917.3860	3,0	18,0	50,0	24,0	45
917.3861	4,0	18,0	50,0	24,0	45
917.3862	5,0	18,0	50,0	24,0	45
917.3863	6,0	18,0	50,0	24,0	45
917.3864	7,0	18,0	50,0	24,0	45
917.3868	8,0	18,0	50,0	24,0	45
917.3869	10,0	18,0	50,0	24,0	45

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Bit socket set for hexagon-screws with ball end

- Ball end hexagon socket
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



911.3922	7 pcs.	3 - 4 - 5 - 6 - 7 - 8 - 10 mm	0.41
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CHROMEplus® bit socket for hexagon screws with ball end

- Ball end hexagon socket
- In accordance with DIN 7422
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	mm	D mm	L mm	T mm	⌀
918.3870	3,0	18,0	50,0	24,0	45
918.3871	4,0	18,0	50,0	24,0	45
918.3872	5,0	18,0	50,0	24,0	45
918.3873	6,0	18,0	50,0	24,0	45
918.3874	7,0	18,0	50,0	24,0	45
918.3875	8,0	18,0	50,0	24,0	45
918.3876	10,0	18,0	50,0	24,0	45

CHROMEplus® bit socket-set for hexagon screws with ball end

- Ball end hexagon socket
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



918.3772	7 pcs.	3 - 4 - 5 - 6 - 7 - 8 - 10 mm	0.41
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Bit socket for TX screws

- TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium



		D mm	L mm	T mm	⌀
911.3921	T9	18.0	50.0	24.0	42
911.3887	T10	18.0	50.0	24.0	45
911.3869	T15	18.0	50.0	24.0	45
911.3870	T20	18.0	50.0	24.0	45
911.3871	T25	18.0	50.0	24.0	45
911.3872	T27	18.0	50.0	24.0	45
911.3873	T30	18.0	50.0	24.0	45
911.3874	T40	18.0	50.0	24.0	45
911.3885	T45	18.0	50.0	24.0	50
911.3884	T50	18.0	50.0	24.0	70
911.3888	T55	18.0	50.0	24.0	70
911.3889	T60	18.0	50.0	24.0	70

Bit socket set for TX screws

- TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



911.3935	10 pcs.	T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55	0.41
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CHROMEplus® bit socket for TX screws

- TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		D mm	L mm	T mm	⌀
918.3768	T9	18.0	50.0	24.0	42
918.3879	T10	18.0	50.0	24.0	45
918.3880	T15	18.0	50.0	24.0	45
918.3881	T20	18.0	50.0	24.0	45
918.3882	T25	18.0	50.0	24.0	45
918.3883	T27	18.0	50.0	24.0	45
918.3884	T30	18.0	50.0	24.0	45
918.3885	T40	18.0	50.0	24.0	35
918.3886	T45	18.0	50.0	24.0	50
918.3887	T50	18.0	50.0	24.0	70
918.3888	T55	18.0	50.0	24.0	70
918.3889	T60	18.0	50.0	24.0	70

CHROMEplus® bit socket set for TX screws

- TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail

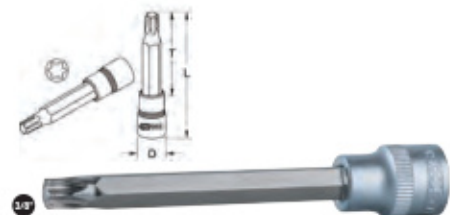


918.3939	10 pcs.	T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55	0.41
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Bit socket for TX screws, long

- TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium



		D mm	L mm	T mm	⌀
911.1551	T20	18.0	100.0	74.0	50
911.1552	T25	18.0	100.0	74.0	50
911.1553	T27	18.0	100.0	74.0	50
911.1554	T30	18.0	100.0	74.0	60
911.1555	T40	18.0	100.0	74.0	60
911.1556	T45	18.0	100.0	74.0	60
911.1557	T50	18.0	100.0	74.0	60
911.1558	T55	18.0	100.0	74.0	80
911.1559	T60	18.0	100.0	74.0	100

Bit socket set for TX screws, long

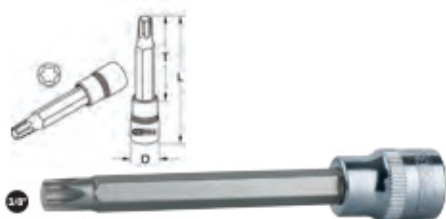
- TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



911.1550	9 pcs.	T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60	0.65
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CHROMEplus® bit socket for TX screws, long

- TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		D mm	L mm	T mm	Ⓜ
918.4011	T20	18.0	100.0	74.0	50
918.4012	T25	18.0	100.0	74.0	50
918.4013	T27	18.0	100.0	74.0	50
918.4014	T30	18.0	100.0	74.0	60
918.4015	T40	18.0	100.0	74.0	60
918.4016	T45	18.0	100.0	74.0	60
918.4017	T50	18.0	100.0	74.0	60
918.4018	T55	18.0	100.0	74.0	80
918.4019	T60	18.0	100.0	74.0	100

CHROMEplus® bit socket set for TX screws, long

- TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



		D mm	L mm	T mm	Ⓜ
918.1550	9 pcs T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60				0.65

Bit socket for TX tamperproof screws

- For tamperproof TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium



		D mm	L mm	T mm	Ⓜ
911.3960	TB10	18.0	47.0	24.0	33
911.3961	TB15	18.0	47.0	24.0	34
911.3962	TB20	18.0	47.0	24.0	34
911.3963	TB25	18.0	47.0	24.0	34
911.3964	TB27	18.0	46.0	24.0	34
911.3965	TB30	18.0	64.0	24.0	35
911.3966	TB40	18.0	64.0	24.0	35
911.3967	TB45	18.0	64.0	24.0	38
911.3968	TB50	18.0	77.0	24.0	40
911.3969	TB55	18.0	77.0	24.0	45
911.3970	TB60	18.0	50.0	24.0	48

Bit socket set for TX tamperproof screws

- For tamperproof TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



		D mm	L mm	T mm	Ⓜ
911.3940	10 pcs TB10 - TB15 - TB20 - TB25 - TB27 - TB30 - TB40 - TB45 - TB50 - TB55				0.40



CHROMEplus® bit socket for TX tamperproof screws

- For tamperproof TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		D mm	L mm	T mm	Ⓜ
918.3940	TB10	18.0	50.0	24.0	47
918.3941	TB15	18.0	50.0	24.0	47
918.3942	TB20	18.0	50.0	24.0	47
918.3943	TB25	18.0	50.0	24.0	47
918.3944	TB27	18.0	50.0	24.0	34
918.3945	TB30	18.0	50.0	24.0	34
918.3946	TB40	18.0	50.0	24.0	64
918.3947	TB45	18.0	50.0	24.0	39
918.3948	TB50	18.0	50.0	24.0	77
918.3949	TB55	18.0	50.0	24.0	77
918.3950	TB60	18.0	50.0	24.0	77

CHROMEplus® bit socket set for TX tamperproof screws

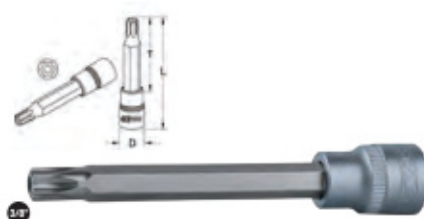
- For tamperproof TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



		D mm	L mm	T mm	Ⓜ
918.3970	10 pcs TB10 - TB15 - TB20 - TB25 - TB27 - TB30 - TB40 - TB45 - TB50 - TB55				0.40

Bit socket for TX tamperproof screws, long

- For tamperproof TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium



		D mm	L mm	T mm	Ⓜ
911.3971	TB20	18.0	100.0	74.0	50
911.3972	TB25	18.0	100.0	74.0	50
911.3973	TB27	18.0	100.0	74.0	50
911.3974	TB30	18.0	100.0	74.0	60
911.3975	TB40	18.0	100.0	74.0	60
911.3976	TB45	18.0	100.0	74.0	60
911.3977	TB50	18.0	100.0	74.0	60
911.3978	TB55	18.0	100.0	74.0	80
911.3979	TB60	18.0	100.0	74.0	100

Bit socket set for TX tamperproof screws, long

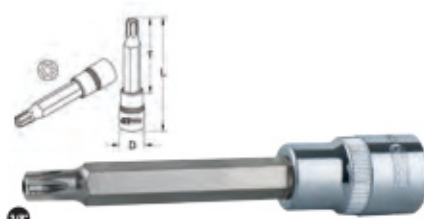
- For tamperproof TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



		D mm	L mm	T mm	Ⓜ
911.3980	9 pcs TB20 - TB25 - TB27 - TB30 - TB40 - TB45 - TB50 - TB55 - TB60				0.65

CHROMEplus® bit socket for TX tamperproof screws, long

- For tamperproof TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		D mm	L mm	T mm	Ⓜ
918.4001	TB20	18.0	100.0	74.0	50
918.4002	TB25	18.0	100.0	74.0	50
918.4003	TB27	18.0	100.0	74.0	50
918.4004	TB30	18.0	100.0	74.0	60
918.4005	TB40	18.0	100.0	74.0	60
918.4006	TB45	18.0	100.0	74.0	60
918.4007	TB50	18.0	100.0	74.0	60
918.4008	TB55	18.0	100.0	74.0	80
918.4009	TB60	18.0	100.0	74.0	100

CHROMEplus® bit socket set for TX tamperproof screws, long

- For tamperproof TX
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Long execution
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



918.3969	9 pcs	TB20 - TB25 - TB27 - TB30 - TB40 - TB45 - TB50 - TB55 - TB60	0.65
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Bit socket for XZN® screws

- Spline (XZN®)
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Matt finis
- Chrome vanadium



		D mm	L mm	T mm	⌀
911.3918	M4	18.0	50.0	24.0	43
911.3915	M5	18.0	50.0	24.0	44
911.3916	M6	18.0	50.0	24.0	45
911.3917	M8	18.0	50.0	24.0	47
911.3920	M10	18.0	50.0	24.0	48

Bit socket for spline (XZN®) screws

- Spline (XZN®)
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted insert bit
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



911.3923	5 pcs	M4 - M5 - M6 - M8 - M10	0.15
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CHROMEplus® bit socket for Spline(XZN®) screws

- Spline (XZN®)
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		D mm	L mm	T mm	⌀
918.3856	M4	18.0	50.0	24.0	43
918.3857	M5	18.0	50.0	24.0	44
918.3858	M6	18.0	50.0	24.0	45
918.3859	M8	18.0	50.0	24.0	47
918.3860	M10	18.0	50.0	24.0	48

CHROMEplus® bit socket set for Spline(XZN®) screws

- Spline (XZN®)
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Press fi ted nickel plated insert bit
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



918.3773	5 pcs	M4 - M5 - M6 - M8 - M10	0.15
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3/8" ADAPTERS

Bit adaptor socket

- Internal square to DIN 3120 / ISO 1174 with ball reception
- For 1/4" bits with external hexagon drive to DIN 3126 / ISO 1173
- For manual operation
- Matt finis
- Chrome vanadium



		L mm	D1 mm	D2 mm	T mm	⌀
911.3894	3/8"	25.0	12.0	17.0	11.0	20
911.4328	3/8"	30.0	13.0	17.0	14.0	30

CHROMEplus® bit adaptor socket

- Internal square to DIN 3120 / ISO 1174 with ball reception
- For 1/4" bits with external hexagon drive to DIN 3126 / ISO 1173
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		L mm	D1 mm	D2 mm	T mm	⌀
918.3983	3/8"	25.0	12.0	17.0	11.0	20
918.3984	3/8"	30.0	13.0	17.0	14.0	30
918.3985	3/8"	30.0	17.0	17.0	11.0	30

Bit adaptor socket

- Internal square to DIN 3120 / ISO 1174 with ball reception
- For 5/16" bits with external hexagon drive to DIN 3126 / ISO 1173
- For manual operation
- Matt finis
- Chrome vanadium



		L mm	D1 mm	⌀
911.4331	3/8"	28.0	13.0	25
911.4311	3/8"	30.0	17.0	30

Adaptor

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finis
- Chrome vanadium



		L mm	⌀
911.3892	3/8"	30.0	60

CHROMEplus® adaptor

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		L mm	⌀
918.3931	3/8"	30.0	60

Reducing adaptor

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finis
- Chrome vanadium



		L mm	⌀
911.3897	3/8"	30.0	60

CHROMEplus® reducing adaptor

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	□	■	L mm	g
918.3930	3/8"	1/4"	30.0	60

Adaptor and reducing adaptor set

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finish
- Chrome vanadium
- In durable plastic case



	□	■	L mm	g
911.0106	1/4" x 3/8" - 3/8" x 1/4" - 3/8" x 1/2" - 1/2" x 3/8" - 1/2" x 3/4" - 3/4" x 1/2"			0.66

CHROMEplus® adaptor and reducing adaptor set

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic storage case



	□	■	L mm	g
918.0106	1/4" x 3/8" - 3/8" x 1/4" - 3/8" x 1/2" - 1/2" x 3/8" - 1/2" x 3/4" - 3/4" x 1/2"			0.66

Sliding adaptor and reducing adaptor

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- To the use with extensions
- Also usably as adaptors and/or reducing adaptors
- For manual operation
- Matt finish
- Chrome vanadium



	□	■	L mm	g
911.1207	3/8"	1/2"	40.0	60
911.3826	1/2"	3/8"	40.0	60

CHROMEplus® sliding / adaptor and reducing adaptor

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- To the use with extensions
- Also usably as adaptors and/or reducing adaptors Reducing adaptor
- For manual operation
- Matt finish
- Chrome vanadium



	□	■	L mm	g
918.3807	1/2"	3/8"	40.0	60
918.1449	1/4"	3/8"	40.0	60



3/8" UNIVERSAL JOINTS

Universal joint

- DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Flexible joint
- For manual operation
- Matt finish
- Chrome vanadium



	□	■	L mm	g
911.3850	3/8"	3/8"	55.0	80

CHROMEplus® universal joint

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Flexible joint
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	□	■	L mm	g
918.3988	3/8"	3/8"	55.0	80

Power universal ball joint

- Ideal for use with electric screwdriver
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Very low running rotation
- New joint construction
- Outstanding use of angles up to 45°
- Very resistant to breakage
- Can be used by hand or with and electric screwdriver
- Matt finish
- Chrome vanadium



	□	■	L mm	g
917.3850	3/8"	3/8"	50.0	80

CHROMEplus® power universal joint

- Ideal for use with electric screwdriver
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square drive to DIN 3120 / ISO 1174 with ball reception
- Very low running rotation
- New joint construction
- Outstanding use of angles up to 45°
- Very resistant to breakage
- Can be used by hand or with and electric screwdriver
- Chrome plated and mirror polished
- Chrome vanadium

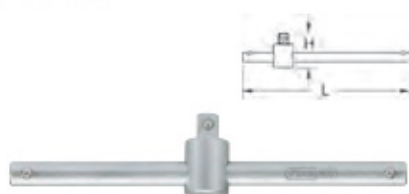


	□	■	L mm	g
919.3850	3/8"	3/8"	50.0	80

3/8" T-HANDLES

Sliding T-handle

- DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- For manual operation
- Matt finish
- Chrome vanadium

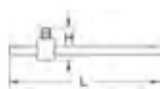


	■	H mm	L mm	⚖
911.3855	3/8"	40.0	160.0	160



CHROMEplus® sliding T handle

- DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	■	H mm	L mm	⚖
918.3845	3/8"	40.0	160.0	160

3/8" EXTENSIONS

Extension

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finish
- Chrome vanadium



	L mm	⚖
911.3852	45.0	40
911.3801	75.0	50
911.3802	150.0	160
911.3856	200.0	200
911.3803	250.0	240

Extension set

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- With hexagon drive
- For manual operation
- Matt finish
- Chrome vanadium



	⚖
911.0007 9 pcs Extension set	1.22
3 x 1/4" : 50 - 100 - 250 mm	
4 x 3/8" : 45 - 75 - 150 - 200 mm	
2 x 1/2" : 125 - 250 mm	

CHROMEplus® extension

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Hexagon drive
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	L mm	⚖
918.3769	45.0	40
918.3896	75.0	120
918.3897	150.0	150
918.3771	200.0	190
918.3898	250.0	240

CHROMEplus® Extension set

- DIN 3123 / ISO 3316
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	⚖
918.0007 9 pcs CHROMEplus® Extension set	1.22
3 x 1/4" : 50 - 100 - 250 mm	
4 x 3/8" : 45 - 75 - 150 - 200 mm	
2 x 1/2" : 125 - 250 mm	

Wobble extension

- Internal square to DIN 3120 / ISO 1174 with ball reception
- Wobble extension with ball lock
- 8° tilt angle to each side
- For manual operation
- Matt finish
- Chrome vanadium



	L mm	⚖
911.3910	45.0	40
911.3911	75.0	80
911.3912	150.0	140
911.3913	200.0	190
911.3914	250.0	240

Wobble extension set

- Internal square to DIN 3120 / ISO 1174 with ball reception
- Wobble extension with ball lock
- 8° tilt angle to each side
- For manual operation
- Matt finish
- Chrome vanadium



	⚖
911.0009 9 pcs Wobble extension set	1.22
3 x 1/4" : 50 - 100 - 250 mm	
4 x 3/8" : 45 - 75 - 150 - 200 mm	
2 x 1/2" : 125 - 250 mm	

CHROMEplus® wobble extension

- Internal square to DIN 3120 / ISO 1174 with ball reception
- Wobble extension with ball lock
- 8° tilt angle to each side
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	L mm	⚖
918.3935	45.0	120
918.3801	75.0	150
918.3802	150.0	145
918.3958	225.0	210
918.3803	250.0	240

CHROMEplus® Wobble extension set

- Internal square to DIN 3120 / ISO 1174 with ball reception
- Wobble extension with ball lock
- 8° tilt angle to each side
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	⚖
918.0009 9 pcs CHROMEplus® Wobble extension set	1.22



CHROMEplus® extension with interlock

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Interlocking mechanism against accidental loosening
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	L mm	g
919.3801	75,0	70
919.3804	150,0	140
919.3806	250,0	250

CHROMEplus® extension set with interlock

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Interlocking mechanism against accidental loosening
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		g
919.0383	3 pcs 75 - 150 - 250 mm	0,56

CHROMEplus® Extension set with interlock

- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Interlocking mechanism against accidental loosening
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



		g
919.0007	7 pcs CHROMEplus® Extension set with interlock	1,24
2 x	1/4" : 100 - 150 mm	
3 x	3/8" : 75 - 150 - 250 mm	
2 x	1/2" : 125 - 250 mm	

3/8" MANUAL DRIVE TOOLS

CHROMEplus® Flexi head drive handle

- Square drive to DIN 3120 / ISO 1174 with ball lock
- Ideal for difficult to access areas
- Protects ratchet and torque wrenches from overloading
- Burnished head
- Chrome plated and mirror polished
- Chrome vanadium



	L mm	head, spare	g
918.3700	260,0	918.3826-1	390
918.3826	400,0	918.3826-1	542
918.3701	450,0	918.3826-1	615

Offset handle

- DIN 3122 / ISO 3315
- Square drive according to DIN 3120 / ISO 1174 with ball lock
- For manual operation
- Matt finish
- Chrome vanadium



	L mm	g
911.3925	180,0	198

Crank handle

- DIN 3122 / ISO 3315
- Square drive according to DIN 3120 / ISO 1174 with ball lock
- For manual operation
- Matt finish
- Chrome vanadium



	L mm	g
911.3950	190,0	482

3/8" RATCHETS

Reversible ratchet

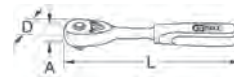
- According to DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Fine gearing 72 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Ergonomic dual component handle
- Recessed reverse lever
- Matt finish
- Chrome vanadium



	A mm	D mm	L mm	Repair set	g
914.3890	17,0	32,0	200,0	914.3897	130

CHROMEplus® reversible ratchet

- According to DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Fine gearing 72 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Two component handle with a soft zone, is ergonomic in design and comfortable in the hand
- Lightweight recessed reverse lever
- Chrome plated and mirror polished
- Chrome vanadium



	A mm	D mm	L mm	Repair set	g
918.3890	17,0	32,0	200,0	914.3897	130

CHROMEplus® reversible ratchet

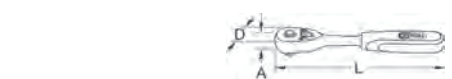
- According to DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Fine gearing 72 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Lightweight recessed reverse lever
- Chrome plated and mirror polished
- Chrome vanadium



	A mm	D mm	L mm	Repair set	g
918.3993	17,0	31,0	180,0	914.3897	540

SlimPOWER reversible ratchet

- According to DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- 102 N•m maximum load
- Reversible
- Extremely slim head
- Fine gearing 72 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Ergonomic dual component handle with soft zone
- Chrome plated and mirror polished
- Chrome vanadium



	A mm	D mm	L mm	Repair set	g
920.3890	14,0	26,0	190,0	920.3890-1	267

Reversible ratchet

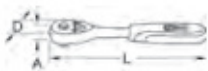
- DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Exact gearing 45 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Two component handle with a soft zone, is ergonomic in design and comfortable in the hand
- Matt finish
- Chrome vanadium



	A mm	D mm	L mm	Part no.	Wt. kg
911.3800	16.0	32.0	200.0	911.3899	310

CHROMEplus® reversible ratchet

- DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- Reversible
- Exact gearing 45 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Two component handle with a soft zone, is ergonomic in design and comfortable in the hand
- Chrome plated and mirror polished
- Chrome vanadium



	A mm	D mm	L mm	Part no.	Wt. kg
918.3800	16.0	32.0	200.0	911.3899	310

CHROMEplus® fl xible head reversible ratchet

- According to DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- 180° revolving head
- Reversible
- Fine gearing 72 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Recessed reverse lever
- Chrome plated and mirror polished
- Chrome vanadium

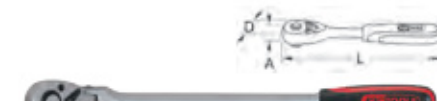


	A mm	D mm	L mm	Part no.	Wt. kg
918.3997	16.0	31.0	150.0	914.3897	170



Flexible head reversible ratchet

- According to DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- 180° revolving head
- Reversible
- Exact gearing 72 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Ergonomic dual component handle
- Recessed reverse lever
- Matt finish
- Chrome vanadium



	A mm	D mm	L mm	Part no.	Wt. kg
914.3896	16.0	30.0	275.0	914.3897	260

CHROMEplus® fl xible head reversible ratchet with cranked shaft

- According to DIN 3122 / ISO 3315
- Square drive adaptor to DIN 3120 / ISO 1174 with ball lock
- 180° revolving head
- Cranked shaft
- Reversible
- Fine gearing 72 teeth ratchet mechanism
- Ejection mechanism on the ratchet head
- Ergonomic dual component handle
- Lightweight recessed reverse lever
- Chrome plated and mirror polished
- Chrome vanadium



	A mm	D mm	L mm	Part no.	Wt. kg
918.3895	16.0	30.0	275.0	914.3897	230

3/8" SET ASSORTMENTS

CHROMEplus® spark plug service set

- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic case



	A mm	D mm	L mm	Part no.	Wt. kg
918.0607	7 pcs	CHROMEplus® spark plug service set			1.44
4 x			14 - 16 - 18 - 21 mm		
1 x			150 mm		
1 x			150 mm		
1 x			270 mm		

Socket set

- 12 point
- FlankTraction Profil
- Matt finish
- Chrome vanadium
- In durable plastic case



	A mm	D mm	L mm	Part no.	Wt. kg
911.3995	22 pcs	Socket set			2.00
15 x			8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 21 - 22 - 24 mm		
1 x			3/8"		
2 x			75 - 150 mm		
1 x			3/8"		
2 x			16 - 21 mm		
1 x			1/2" F x 3/8" M		

Socket set

- 6 point
- FlankTraction profil
- Matt finish
- Chrome vanadium
- In durable plastic storage case



	A mm	D mm	L mm	Part no.	Wt. kg
911.0626	25 pcs	Socket set			2.70
18 x			6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 24 mm		
2 x			16 - 21 mm		
3 x			50 - 75 - 200 mm		
1 x			3/8"		
1 x			3/8"		
1 x			200 mm		



CHROMEplus® socket set

- 6 point
- FlankTraction Profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic case



918.0627			
27 pcs	CHROMEplus® socket set	2.40	
13 x		8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 22 - 24 mm	
10 x		10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	
2 x		75 - 150 mm	
1 x		3/8"	
1 x		195 mm	

Socket set

- 6 point
- FlankTraction Profil
- Matt finis
- Chrome vanadium
- In durable steel case



917.4031			
30 pcs	Socket set	2.88	
16 x		6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 19 - 21 - 22 - 24 mm	
7 x		8 - 10 - 11 - 12 - 13 - 15 - 17 mm	
2 x		16 - 21 mm	
2 x		75 - 200 mm	
1 x		3/8"	
1 x		3/8"	
1 x		200 mm	

CHROMEplus® Socket set

- Imperial sizes
- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic case



918.0846			
46 pcs	CHROMEplus® Socket set	1.13	
11 x		1/4" - 5/16" - 3/8" - 7/16" - 1/2" - 9/16" - 5/8" - 11/16" - 3/4" - 13/16" - 7/8"	
6 x		3/8" - 7/16" - 1/2" - 9/16" - 11/16" - 3/4"	
2 x		5/8" - 13/16"	
7 x		1/8" - 5/32" - 3/16" - 7/32" - 1/4" - 5/16" - 3/8"	
10 x		T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55	
5 x		M4 - M5 - M6 - M8 - M10	
2 x		75 - 150 mm	
1 x		3/8"	
1 x		160 mm	
1 x		195 mm	

Socket set

- 6 point
- FlankTraction profil
- Matt finis
- Chrome vanadium
- In durable plastic storage case



911.0661			
61 pcs	Socket set	4.20	
18 x		6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 mm	
10 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 mm	
3 x		5,5 - 7 - 8 mm	
3 x		PH1 - PH2 - PH3	
3 x		PZ1 - PZ2 - PZ3	

7 x		3 - 4 - 5 - 6 - 7 - 8 - 10 mm
10 x		T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55
2 x		16 - 21 mm
2 x		75 - 250 mm
1 x		3/8"
1 x		3/8"
1 x		200 mm

CHROMEplus® socket set

- 6 point
- FlankTraction Profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic case



918.0661			
61 pcs	CHROMEplus® socket set	3.80	
18 x		6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 mm	
10 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 mm	
2 x		16 - 21 mm	
3 x		5,5 - 7 - 8 mm	
3 x		PH1 - PH2 - PH3	
3 x		PZ1 - PZ2 - PZ3	
7 x		3 - 4 - 5 - 6 - 7 - 8 - 10 mm	
10 x		T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55	
2 x		75 - 150 mm	
1 x		3/8"	
1 x		3/8"	
1 x		200 mm	



3/8" SET ASSORTMENTS

TX Socket and bit set

- Matt finish
- Chrome vanadium
- In durable plastic case



1/4" 3/8" 1/2"

		K	
911.4301-1	30 pcs	TX Socket and bit set	1,45
5 x		1/4": E4 - E5 - E6 - E7 - E8	
4 x		3/8": E10 - E11 - E12 - E14	
5 x		1/2": E16 - E18 - E20 - E22 - E24	
2 x		3/8" x 10 mm - 1/2" x 10mm	
7 x		30 mm (T20 - T25 - T30 - T40 - T45 - T50 - T55)	
7 x		75 mm (T20 - T25 - T30 - T40 - T45 - T50 - T55)	

TX Bit socket set for TX tamperproof screws

- Matt finish
- Chrome vanadium
- In durable plastic case



1/4" 3/8" 1/2"

		K	
911.4301-2	30 pcs	TX Bit socket set for TX tamperproof screws	1,45
5 x		1/4": E4 - E5 - E6 - E7 - E8	
4 x		3/8": E10 - E11 - E12 - E14	
5 x		1/2": E16 - E18 - E20 - E22 - E24	
2 x		3/8" x 10 mm - 1/2" x 10mm	
7 x		30 mm (TB20 - TB25 - TB30 - TB40 - TB45 - TB50 - TB55)	
7 x		75 mm (TB20 - TB25 - TB30 - TB40 - TB45 - TB50 - TB55)	

TX Socket set

- Matt finish
- Chrome vanadium
- In durable plastic case



1/4" 3/8" 1/2"

		K	
911.4302	31 pcs	TX Socket set	1,40
6 x		1/4": T10 - T15 - T20 - T25 - T27 - T30	
3 x		5/16": T40 - T45 - T50	
3 x		1/4": TB30 x 30 mm - TB25 x 75 mm - TB30 x 75 mm	
2 x		1/2": T55 - T60	
4 x		1/4": E5 - E6 - E7 - E8	
3 x		3/8": E10 - E12 - E14	
3 x		1/2": E16 - E18 - E20	
3 x		1/4" x 1/4" - 3/8" x 5/16" - 1/2" x 5/16"	
4 x		E6 x E8 - E7 x E11 - E10 x E12 - E14 x E18 -	

TX Socket and bit set

- Matt finish
- Chrome vanadium
- In durable plastic case



1/4" 3/8" 1/2"

		K	
911.4305	57 pcs	TX Socket and bit set	2,00
2 x		3/8" x 10mm - 1/2" x 1/4"	
12 x		1/4": E4 - E5 - E6 - E7 - E8; 3/8": E10 - E11 - E12 - E14; 1/2": E16 - E18 - E20	
7 x		4 - 5 - 6 - 7 - 8 - 10 - 12 mm	
9 x		TB20 - TB25 - TB27 - TB30 - TB40 - TB45 - TB50 - TB55 - TB60	
5 x		M5 - M6 - M8 - M10 - M12	
2 x		8 - 10 mm	
2 x		PH2 - PH3	
5 x		5 - 6 - 7 - 8 - 10 mm	
9 x		T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60	
4 x		M6 - M8 - M10 - M12	

CHROMEplus® Socket set

- Imperial sizes
- 6 point
- FlankTraction Profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic case



1/4" 3/8"

		K	
918.0699	99 pcs	CHROMEplus® Socket set	6,30
12 x		1/4": 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm	
10 x		1/4": 5/32" - 3/16" - 7/32" - 1/4" - 9/32" - 5/16" - 11/32" - 3/8" - 7/16" - 1/2"	
16 x		3/8": 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 24 mm	
5 x		3/8": 10 - 12 - 13 - 17 - 19 mm	
11 x		3/8": 1/4" - 5/16" - 3/8" - 7/16" - 1/2" - 9/16" - 5/8" - 11/16" - 3/4" - 13/16" - 7/8"	
5 x		3/8": 3/8" - 7/16" - 1/2" - 9/16" - 5/8"	
3 x		3/8": 16 - 18 - 21 mm	
3 x		3/8": 5,5 - 6,5 - 8 mm	
2 x		3/8": PH1 - PH2	
2 x		3/8": PZ1 - PZ2	
5 x		3/8": 5 - 6 - 7 - 8 - 10 mm	
5 x		3/8": 5/32" - 3/16" - 1/4" - 5/16" - 3/8"	
8 x		3/8": T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45	
5 x		3/8": M4 - M5 - M6 - M8 - M10	
1 x		1/4"	
1 x		1/4": 100 mm	
1 x		1/4"	
2 x		3/8": 75 - 150 mm	
1 x		3/8"	
1 x		3/8": 200 mm	



CHROMEplus® Universal tool kit set

- 3 drawers and upper insert storage
- 6 point
- FlankTraction Profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable steel tool chest



1/4" 3/8"

1/4" 3/8"			
918.0250	99 pcs	CHROMEplus® Universal tool kit set	22,00
13 x		1/4": 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm	
3 x		1/4": 8 - 10 - 13 mm	
1 x		1/4": 50 mm	
1 x		1/4"	
1 x		1/4": 110 mm	
1 x		1/4": 140 mm	
3 x		1/4": 4 - 5,5 - 7 mm	
2 x		1/4": PH1 - PH2	
2 x		1/4": PZ1 - PZ2	
6 x		1/4": 3 - 4 - 5 - 6 - 7 - 8 mm	
7 x		1/4": T10 - T15 - T20 - T25 - T27 T30 - T40	
12 x		3/8": 8 - 10 - 12 - 13 - 14 - 15 - 17 - 18 - 19 - 20 - 22 - 24 mm	
2 x		3/8": 17 - 19 mm	
2 x		3/8": 16 - 21 mm	
2 x		3/8": 75 - 150 mm	
1 x		3/8": F1/4" x M 3/8"	
1 x		3/8"	
1 x		3/8": 200 mm	
1 x		1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 mm	
6 x		6 x 38 mm - 3 x 75 mm - 4 x 100 mm 5,5 x 100 mm - 6,5 x 125 mm - 8 x 150 mm	
4 x		PH2 x 38 mm - PH1 x 75 mm PH2 x 100 mm - PH3 x 150 mm	
1 x		160 mm	
1 x		180 mm	
1 x		200 mm	
1 x		10"	
1 x		250 mm	
1 x		300 g	

CHROMEplus® Socket set

- 6 point
- FlankTraction profil
- Chrome plated and mirror polished
- Chrome vanadium
- In durable plastic case



1/4" 3/8" 1/2"

1/4" 3/8" 1/2"			
918.0724	124 pcs	CHROMEplus® Socket set	9,50
10 x		1/4": 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 13 mm	
6 x		1/4": 5 - 6 - 7 - 8 - 9 - 10 mm	
11 x		3/8": 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 mm	
6 x		3/8": 10 - 11 - 12 - 13 - 14 - 15 mm	
8 x		3/8": E8 - E10 - E11 - E12 - E14 - E16 E18 - E20	
8 x		1/2": 20 - 21 - 22 - 24 - 27 - 30 - 32 34 mm	
6 x		1/2": 10 - 12 - 13 - 14 - 17 - 19 mm	
2 x		1/2": E22 - E24	
2 x		1/2": 16 - 21 mm	
1 x		1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm	
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 mm	
2 x		3/8": 4 - 5,5 mm	
3 x		3/8": PH1 - PH2 - PH3	
3 x		3/8": PZ1 - PZ2 - PZ3	
5 x		3/8": 3 - 4 - 5 - 6 - 8 mm	
5 x		3/8": T20 - T30 - T40 - T45 - T50	
4 x		3/8": M4 - M5 - M6 - M8	
7 x		1/4": T10 - T15 - T20 - T25 - T27 T30 - T40	
1 x		1/4"	
1 x		1/4"	
1 x		1/4": 100 mm	
2 x		3/8": 75 - 150 mm	
2 x		1/2": 125 - 250 mm	
3 x		1/4" - 3/8" - 1/2"	
2 x		1/2": F1/2" x M 3/8"	
3 x		1/4" - 3/8" - 1/2"	

CHROMEplus® universal tool kit set

- 6 point
- FlankTraction Profil
- Removeable plastic storage trays
- Chrome plated and mirror polished
- Chrome vanadium
- Telescopic carrying handle
- In a classy aluminium trolley



3/8"

3/8"			
918.0772	172 pcs	CHROMEplus® universal tool kit set	19,00
16 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 - 24 mm	
2 x		16 - 21 mm	
3 x		5,5 - 6,5 - 8 mm	
4 x		M4 - M5 - M6 - M8 - M10	
5 x		5 - 6 - 7 - 8 - 10 mm	
8 x		T10 - T15 - T20 - T25 - T27 - T30 T40 - T45	
2 x		PH1 - PH2	
2 x		PZ1 - PZ2	
1 x			
1 x			
1 x		200 mm	
1 x		3/8"	
2 x		75 - 150 mm	
1 x		250 mm	
12 x		8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 mm	
4 x		6 x 38 mm - 3 x 75 mm 6,5 x 125 mm - 10 x 250 mm	
3 x		PH 1 x 75 mm - PH 2 x 100 mm PH 2 x 38 mm	
2 x		PZ 1 x 75 mm - PZ 2 x 38 mm	
1 x		160 mm	
1 x		165 mm	
1 x		180 mm	
1 x		250 mm	
1 x			
1 x		10"	
1 x		250 mm	
1 x		140 mm	
1 x		300 g	
1 x			
1 x		5 mm	

1 x		12 mm
1 x		
1 x		
1 x		100 mm
1 x		max. 2 kg
1 x		102 mm
1 x		
1 x		
1 x		
1 x		12,5 x 200 mm



Socket set

- 6 point
- Matt finis
- Chrome vanadium
- In durable plastic storage case



1/4" 3/8" 1/2"

917.0779	179 pcs	Socket set	9,00
13 x		1/4": 4 - 4,5 - 5 - 5,5 - 6 - 7 - 8 - 9 - 10 11 - 12 - 13 - 14 mm	
7 x		1/4": 4 - 5 - 6 - 7 - 8 - 9 - 10 mm	
10 x		3/8": 10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 mm	
6 x		3/8": 10 - 11 - 12 - 13 - 14 - 15 mm	
17 x		1/2": 10 - 11 - 12 - 13 - 14 - 15 - 16 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 30 - 32 mm	
5 x		1/2": 16 - 17 - 18 - 19 - 22 mm	
1 x		3/8": 18 mm	
2 x		1/2": 16 - 21 mm	
4 x		1/4": 4 - 5,5 - 6,5 - 7 mm	
3 x		1/4": PH0 - PH1 - PH2	
3 x		1/4": PZ0 - PZ1 - PZ2	
4 x		1/4": 3 - 4 - 5 - 6 mm	
8 x		1/4": T8 - T9 - T10 - T15 - T20 - T25 - T27 T30	
8 x		1/4": TB8 - TB9 - TB10 - TB15 - TB20 TB25 - TB27 - TB30	
5 x		1/4": E4 - E5 - E6 - E7 - E8	
6 x		3/8": E10 - E11 - E12 - E14 - E16 - E18	
2 x		1/2": E20 - E24	
11 x		1/4": T5 - T6 - T7 - T8 - T9 - T10 - T15 T20 - T25 - T27 - T30	
1 x		1/4": TB7	
3 x		1/4": M5 - M6 - M8	
5 x		1/4": M5 - M6 - M7 - M8 - M9	
8 x		1/4": TS10 - TS15 - TS20 - TS25 TS27 - TS30 - TS40 - TS45	
3 x		5/16": 8 - 10 - 12 mm	
5 x		5/16": 7 - 8 - 10 - 12 - 14 mm	
2 x		5/16": PH3 - PH4	
2 x		5/16": PZ3 - PZ4	
6 x		5/16": T40 - T45 - T50 - T55 - T60 - T70	
6 x		5/16": TB40 - TB45 - TB50 - TB55 TB60 - TB70	

7 x		1,3 - 1,5 - 2 - 2,5 - 3 - 4 - 5 mm
1 x		1/4": 150 mm
1 x		1/4": 110 mm
2 x		1/4": 50 - 100 mm
1 x		3/8": 150 mm
2 x		1/2": 125 - 250 mm
3 x		1/4" - 3/8" - 1/2"
1 x		1/4" x 1/4"
1 x		3/8" x 5/16"
1 x		1/2" x 5/16"
1 x		3/8"Fx1/2" M
3 x		1/4" - 3/8" - 1/2"

3/8" POINT OF SALE DISPLAYS

Socket display

- 6-point
- FlankTraction-Profil
- Matt finis
- Chrome vanadium
- In point of sale display



911.0340	169 pcs	Socket display	10,50
169 x		16 x (8 mm) 13 x (9 - 10 - 11 - 12 - 13 mm) 11 x (14 mm) 10 x (15 - 16 mm) 9 x (17 - 18 mm) 8 x (19 - 20 - 21 - 22 mm) 7 x (24 mm)	

CHROMEplus® socket display

- 6 point
- FlankTraction Profil
- Chrome plated and mirror polished
- Chrome vanadium
- In point of sale display



918.0340	169 pcs	CHROMEplus® socket display	10,50
169 x		16 x (8 mm) 13 x (9 - 10 - 11 - 12 - 13 mm) 11 x (14 mm) 10 x (15 - 16 mm) 9 x (17 - 18 mm) 8 x (19 - 20 - 21 - 22 mm) 7 x (24 mm)	

Bit socket display

- Matt finis
- Chrome vanadium



911.0350	229 pcs	Bit socket display	13,50
39 x		13 x (5,5 - 6,5 - 8 mm)	
39 x		13 x (PH1 - PH2 - PH3)	
39 x		13 x (PZ1 - PZ2 - PZ3)	
91 x		13 x (TB10 - TB15 - TB20 - TB25 - TB27 - TB30 - TB40)	
20 x		10 x (75 mm) 10 x (150 mm)	

CHROMEplus® Bit socket display

- Chrome plated and mirror polished
- Chrome vanadium



918.0350	229 pcs	CHROMEplus® Bit socket display	13,50
39 x		13 x (5,5 - 6,5 - 8 mm)	
39 x		13 x (PH1 - PH2 - PH3)	
39 x		13 x (PZ1 - PZ2 - PZ3)	
91 x		13 x (TB10 - TB15 - TB20 - TB25 - TB27 - TB30 - TB40)	
20 x		10 x (75 mm) 10 x (150 mm)	



1/2" SOCKETS

CLASSIC Hexagonal socket

- 6 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finis
- Chrome vanadium



	mm	D1 mm	D2 mm	L mm	T mm	g	
917.1340	8,0	13,0	22,0	38,0	14,0	45	
917.1341	9,0	14,0	22,0	38,0	14,0	48	
917.1210	10,0	15,0	22,0	38,0	14,0	48	
917.1211	11,0	16,0	22,0	38,0	14,0	51	
917.1212	12,0	18,0	22,0	38,0	14,0	50	
917.1213	13,0	19,0	22,0	38,0	14,0	54	
917.1214	14,0	20,0	22,0	38,0	14,0	54	
917.1215	15,0	21,0	22,0	38,0	14,0	51	
917.1216	16,0	22,0	21,0	38,0	14,0	48	
917.1217	17,0	24,0	22,0	38,0	14,0	63	
917.1218	18,0	25,0	23,0	38,0	14,0	63	
917.1219	19,0	26,0	23,0	38,0	17,0	63	
917.1220	20,0	28,0	24,0	38,0	17,0	85	
917.1221	21,0	28,0	25,0	38,0	17,0	77	
917.1222	22,0	30,0	26,0	38,0	17,0	90	
917.1223	23,0	32,0	28,0	38,0	17,0	114	
917.1224	24,0	32,0	28,0	38,0	17,0	104	
917.1342	25,0	34,0	30,0	42,0	20,0	130	
917.1343	26,0	36,0	30,0	42,0	20,0	162	
917.1227	27,0	36,0	30,0	42,0	20,0	150	
917.1344	28,0	38,0	32,0	42,0	20,0	167	
917.1345	29,0	38,0	32,0	42,0	20,0	185	
917.1230	30,0	40,0	34,0	44,0	22,0	192	
917.1225	31,0	42,0	36,0	44,0	22,0	254	
917.1232	32,0	42,0	36,0	44,0	22,0	215	
917.1346	34,0	44,0	36,0	45,0	22,0	177	
917.1226	33,0	44,0	36,0	44,0	22,0	531	
917.1347	36,0	48,0	40,0	45,0	22,0	270	
917.1228		5/16"	13,0	22,0	38,0	14,0	45
917.1229		11/32"	14,0	22,0	38,0	14,0	48
917.1348		3/8"	15,0	22,0	38,0	14,0	50
917.1231		13/32"	15,0	22,0	38,0	14,0	50
917.1349		7/16"	17,0	22,0	38,0	14,0	51
917.1350		1/2"	19,0	22,0	38,0	14,0	54
917.1351		9/16"	20,0	22,0	38,0	14,0	54
917.1352		19/32"	22,0	20,0	38,0	14,0	51
917.1353		5/8"	22,0	21,0	38,0	14,0	48
917.1354		11/16"	24,0	22,0	38,0	14,0	63
917.1355		3/4"	26,0	23,0	38,0	15,0	63
917.1233		25/32"	26,0	23,0	38,0	17,0	70
917.1356		13/16"	28,0	26,0	38,0	16,0	77
917.1357		7/8"	30,0	26,0	38,0	16,0	90
917.1358		15/16"	32,0	28,0	38,0	17,0	104
917.1359		1"	34,0	30,0	42,0	20,0	123
917.1360		1.1/16"	36,0	31,0	42,0	22,0	123
917.1329		1.1/8"	38,0	33,0	43,0	22,0	268
917.1234		1.3/16"	40,0	34,0	44,0	22,0	192
917.1330		1.1/4"	42,0	36,0	44,0	22,0	371

CLASSIC Hexagonal socket set

- 6 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



917.0635	10 pcs	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	0,72
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CLASSIC Hexagonal socket, deep

- 6 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Matt finis
- Chrome vanadium



	mm	D1 mm	D2 mm	L mm	T mm	g	
917.1240	10,0	16,0	16,0	76,0	14,0	110	
917.1241	11,0	17,0	17,0	76,0	13,0	110	
917.1242	12,0	18,0	18,0	76,0	13,0	110	
917.1243	13,0	20,0	19,0	76,0	13,0	120	
917.1244	14,0	21,0	21,0	76,0	13,0	120	
917.1245	15,0	22,0	22,0	76,0	15,0	140	
917.1246	16,0	23,0	24,0	76,0	15,0	140	
917.1247	17,0	24,0	24,0	76,0	15,0	140	
917.1248	18,0	26,0	26,0	76,0	17,0	150	
917.1249	19,0	27,0	27,0	76,0	17,0	150	
917.1258	20,0	27,0	28,0	76,0	17,0	150	
917.1259	21,0	27,0	28,0	76,0	19,0	190	
917.1252	22,0	28,0	30,0	76,0	19,0	200	
917.1257	24,0	30,0	32,0	76,0	19,0	250	
917.1254	27,0	34,0	36,0	76,0	19,0	280	
917.1255	30,0	35,0	37,0	76,0	21,0	290	
917.1256	32,0	36,0	38,0	76,0	23,0	310	
917.1235	34,0	45,0	36,5	76,0	37,0	430	
917.1201		3/8"	15,0	16,0	76,0	15,0	90
917.1202		7/16"	17,0	17,0	76,0	13,0	100
917.1203		1/2"	19,0	19,0	76,0	13,0	120
917.1205		9/16"	21,0	21,0	76,0	13,0	130
917.1236		5/8"	22,5	24,0	76,0	16,0	120
917.1206		11/16"	25,0	24,0	76,0	17,0	150
917.1207		3/4"	27,0	40,0	76,0	17,0	180
917.1237		13/16"	28,5	28,5	76,0	22,0	195
917.1208		7/8"	31,0	30,0	76,0	19,0	240
917.1204		15/16"	33,0	32,0	76,0	19,0	250
917.1209		1"	35,0	34,0	76,0	19,0	270



CLASSIC Hexagonal socket set, deep

- 6 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Matt finis
- Chrome vanadium
- Includes storage rail



917.0615	10 pcs	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	1,50
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CHROMEplus® Hexagonal socket

- 6 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	mm	D1 mm	D2 mm	L mm	T mm	kg
918.1208	8.0	13.0	23.0	38.0	7.0	45
918.1209	9.0	14.0	23.0	38.0	8.0	48
918.1210	10.0	16.0	23.0	38.0	14.0	50
918.1211	11.0	17.0	23.0	38.0	13.0	53
918.1212	12.0	18.0	23.0	38.0	13.0	55
918.1213	13.0	19.0	23.0	38.0	13.0	60
918.1214	14.0	21.0	23.0	38.0	13.0	62
918.1215	15.0	22.0	24.0	40.0	15.0	65
918.1216	16.0	23.0	24.0	40.0	15.0	68
918.1217	17.0	24.0	23.0	40.0	15.0	70
918.1218	18.0	26.0	23.0	40.0	17.0	72
918.1219	19.0	27.0	24.0	40.0	17.0	80
918.1220	20.0	28.0	26.0	40.0	17.0	85
918.1221	21.0	30.0	26.0	42.0	19.0	95
918.1222	22.0	31.0	26.0	42.0	19.0	100
918.1223	23.0	32.0	28.0	42.0	19.0	105
918.1224	24.0	33.0	28.0	42.0	19.0	110
918.1225	25.0	34.0	29.0	42.0	19.0	120
918.1226	26.0	36.0	29.0	42.0	19.0	130
918.1227	27.0	37.0	30.0	42.0	19.0	150
918.1228	28.0	38.0	31.0	43.0	20.0	165
918.1229	29.0	39.0	31.0	43.0	20.0	180
918.1230	30.0	41.0	33.0	43.0	21.0	200
918.1231	31.0	42.5	28.0	47.0	22.0	210
918.1232	32.0	53.0	35.0	45.0	23.0	210
918.1233	33.0	44.0	36.0	45.0	23.0	210
918.1234	34.0	46.0	37.0	45.0	23.0	260
918.1236	36.0	48.0	38.0	45.0	23.0	260
918.1235	5/16"	13.0	23.0	38.0	8.0	48
918.1237	11/32"	14.0	23.0	38.0	15.0	58
918.1301	3/8"	15.0	16.0	16.0	9.0	50
918.1238	13/32"	16.0	23.0	38.0	14.0	50
918.1302	7/16"	16.0	17.0	17.0	9.0	50
918.1303	1/2"	19.0	19.0	19.0	13.0	60
918.1304	9/16"	20.0	21.0	21.0	13.0	60
918.1305	19/32"	22.0	22.0	22.0	14.0	60
918.1306	5/8"	24.0	24.0	24.0	14.0	60
918.1307	11/16"	24.0	24.0	24.0	16.0	70
918.1308	3/4"	27.0	27.0	27.0	16.0	90
918.1239	25/32"	28.0	25.0	40.0	17.0	85
918.1309	13/16"	28.0	28.0	28.0	17.0	90
918.1310	7/8"	30.0	30.0	30.0	18.0	120
918.1311	15/16"	32.0	32.0	32.0	19.0	130
918.1312	1"	34.0	34.0	34.0	19.0	150
918.1313	1.1/16"	36.0	36.0	36.0	20.0	170
918.1314	1.1/8"	38.0	38.0	38.0	20.0	170
918.1255	1.3/16"	41.0	33.0	43.0	21.0	200
918.1315	1.1/4"	40.0	42.0	42.0	21.0	240

CHROMEplus® Hexagonal socket set

- 6 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



	pcs	mm	kg
918.0650	10 pcs	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	0.72



CHROMEplus® Hexagonal socket, deep

- 6 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium



	mm	D1 mm	D2 mm	L mm	T mm	kg
918.1240	10.0	16.0	16.0	76.0	13.0	110
918.1241	11.0	17.0	17.0	76.0	13.0	110
918.1242	12.0	18.0	18.0	76.0	13.0	110
918.1243	13.0	19.0	19.0	76.0	13.0	120
918.1244	14.0	21.0	21.0	76.0	13.0	120
918.1245	15.0	22.0	22.0	76.0	15.0	140
918.1246	16.0	23.0	24.0	76.0	15.0	140
918.1247	17.0	24.0	24.0	76.0	15.0	140
918.1248	18.0	26.0	26.0	76.0	17.0	150
918.1249	19.0	27.0	27.0	76.0	17.0	150
918.1260	20.0	27.0	28.0	76.0	17.0	150
918.1258	21.0	27.0	28.0	76.0	19.0	190
918.1252	22.0	28.0	30.0	76.0	19.0	200
918.1254	24.0	30.0	32.0	76.0	19.0	250
918.1257	27.0	34.0	36.0	76.0	19.0	280
918.1272	30.0	35.0	37.0	76.0	21.0	300
918.1273	32.0	36.0	38.0	76.0	23.0	310
918.1256	34.0	45.0	36.5	76.0	37.0	430
918.1318	3/8"	15.0	16.0	76.0	13.0	90
918.1319	7/16"	17.0	17.0	76.0	13.0	100
918.1320	1/2"	19.0	19.0	76.0	13.0	120
918.1321	9/16"	21.0	21.0	76.0	13.0	130
918.1269	5/8"	22.5	24.0	76.0	16.0	120
918.1322	11/16"	25.0	24.0	76.0	17.0	150
918.1323	3/4"	30.0	27.0	76.0	17.0	180
918.1283	13/16"	28.5	28.5	76.0	22.0	195
918.1324	7/8"	31.0	30.0	76.0	19.0	240
918.1325	15/16"	33.0	32.0	76.0	19.0	250
918.1326	1"	35.0	34.0	76.0	19.0	270

CHROMEplus® Hexagonal socket set, deep

- 6 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Long execution
- For manual operation
- Chrome plated and mirror polished
- Chrome vanadium
- Includes storage rail



	pcs	mm	kg
918.0612	10 pcs	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm	1.50

12 Point socket

- 12 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725-1
- Internal square to DIN 3120 / ISO 1174 with ball reception
- For manual operation
- Matt finish
- Chrome vanadium



	mm	D1 mm	D2 mm	L mm	T mm	kg
917.1361	8.0	13.0	23.0	38.0	7.0	45
917.1362	9.0	14.0	23.0	38.0	8.0	48
911.1570	10.0	16.0	23.0	38.0	14.0	50
911.1571	11.0	17.0	23.0	38.0	13.0	53
911.1572	12.0	18.0	23.0	38.0	13.0	55
911.1573	13.0	19.0	23.0	38.0	13.0	60
911.1574	14.0	21.0	23.0	38.0	13.0	62
911.1575	15.0	22.0	24.0	40.0	15.0	65
911.1576	16.0	23.0	24.0	40.0	15.0	68
911.1577	17.0	24.0	23.0	40.0	15.0	70
911.1578	18.0	26.0	23.0	40.0	17.0	72
911.1579	19.0	27.0	24.0	40.0	17.0	80
911.1580	20.0	28.0	26.0	42.0	17.0	85
911.1581	21.0	29.0	26.0	42.0	19.0	95
911.1582	22.0	31.0	26.0	42.0	19.0	100
911.1583	23.0	32.0	28.0	42.0	19.0	105
911.1584	24.0	33.0	28.0	42.0	19.0	110
917.1363	25.0	34.0	29.0	42.0	19.0	120
917.1364	26.0	36.0	29.0	42.0	19.0	130
911.1585	27.0	37.0	30.0	42.0	19.0	150
917.1365	28.0	38.0	31.0	43.0	20.0	165
917.1366	29.0	39.0	31.0	43.0	20.0	180
911.1586	30.0	41.0	33.0	43.0	21.0	200
917.1238	31.0	42.5	28.0	47.0	22.0	210
911.1587	32.0	43.0	35.0	45.0	23.0	210
917.1367	33.0	44.0	36.0	45.0	23.0	210
917.1239	34.0	46.0	37.0	45.0	23.0	260
911.1589	36.0	48.0	38.0	45.0	24.0	368
917.1368	5/16"	13.0	23.0	38.0	7.0	45
917.1369	11/32"	14.0	23.0	38.0	8.0	48
917.1370	3/8"	15.0	23.0	38.0	15.0	58
917.1371	13/32"	16.0	23.0	38.0	14.0	50
917.1372	7/16"	17.0	23.0	38.0	13.0	53
917.1373	1/2"	19.0	23.0	38.0	13.0	60
917.1374	9/16"	21.0	23.0	38.0	13.0	62
917.1375	19/32"	22.0	24.0	40.0	15.0	65
917.1376	5/8"	23.0	24.0	40.0	15.0	68
917.1377	11/16"	25.0	23.0	40.0	17.0	70
917.1378	3/4"	27.0	24.0	40.0	17.0	80
917.1379	25/32"	28.0	25.0	40.0	17.0	85
917.1380	13/16"	29.0	26.0	42.0	19.0	95
917.1381	7/8"	31.0	27.0	42.0	19.0	100
917.1382	15/16"	33.0	28.0	42.0	19.0	110
917.1383	1"	35.0	29.0	42.0	19.0	123
917.1384	1.1/16"	37.0	30.0	42.0	19.0	150
917.1385	1.1/8"	39.0	31.0	43.0	20.0	180
917.1386	1.3/16"	41.0	33.0	43.0	21.0	200
917.1387	1.1/4"	43.0	35.0	45.0	23.0	210

12 Point socket set

- 12 point
- FlankTraction profil
- According to DIN 3124 / ISO 2725-1
- Internal square to DIN 3120 / ISO 1174 with ball reception
- Short execution
- For manual operation
- Matt finish
- Chrome vanadium
- Includes storage rail



	pcs	mm	kg
911.1285	15 pcs	10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 mm	1.20