

2017 | 2018

T O O L S C A T A L O G



KAMASA TOOLS

Modern workshops bear little resemblance to those of the old days. However, one thing hasn't changed. Professional automotive mechanics, who still solve their customers' problems day after day. You have the knowledge and experience; we have the tools and storage solutions. Together we can make your customers happy.

For professional automotive mechanics

If you want to guarantee effective servicing and repairs, you'll love our 2017–2018 tool range. Why are we so sure? Because we listen to professional automotive mechanics when we're developing and expanding our range. To ensure our tools make your job easier.

Ergonomic and functional

It is naturally important to prevent damage and injury in the workshop. That's why we take great care when designing our tools. They are light, easy to handle and their carefully designed functions make for comfortable work.

Long-lasting tools

Durability and wear-resistance have been important factors since Zygmunt Joseph Kamasa founded the brand nearly 50 years ago. So don't be surprised if you find Kamasa Tools products in your grandfather's old tool box - your own grandchildren will find yours too.

Kamasa Tools Warranty

Each Kamasa Tools product undergoes strict testing during manufacturing. In very rare cases, material or manufacturing defects may be present. The Kamasa Tools Warranty provides extra peace of mind when you buy. More details on the warranty can be found at the back of this catalog.



Kamasa-TOOLS

BALL VALVE
1/2" 1/4"

SYMBOLS

The symbols provide quick and clear information about dimensions and other product specific data. Here are the explanations of the symbols used in the catalog.



01. 1/4" drive



02. 3/8" drive



03. 1/2" drive



04. 3/4" drive



05. 1" drive



06. 1 1/2" drive



07. 66 point



08. 12 point



09. RIBE female



10. RIBE male



11. Torx male



12. Torx female



13. Safety-Torx male



14. XZN



15. Allen head



16. Slot



17. Pozidrive



18. Phillips



19. Movement



20. Movement with ball



21. Round file



22. Half round file



23. Hand file



24. Saw file



25. Single grade



26. Double grade



27. Magnet



28. Spark plug socket



29. Impact resistant



30. Resilient



31. Articulated



32. Lock function



33. Half round jaws



34. Straight jaws



35. Round jaws



36. Centered phase



37. Small phase



38. No phase



39. Chrome molybdenum steel



40. Chrome vanadium steel



41. CE marking

Engine timing tools

Replacing a timing belt is a complicated and time-consuming job which, if not done properly, can cause serious engine damage. The Kamasa Tools engine timing tools are designed for a wide range of engines, and saves time while guaranteeing high service quality.

The engine timing tools comprises precision-manufactured, engine-specific tool sets which guarantee accurate fixing of camshafts, crankshaft, tensioners and other moving engine parts. The locking tools are fitted as per the workshop manual, allowing the timing belt or timing chain to be replaced smoothly and simply.

The tool sets are available in a range of sizes, with the smallest designed for one specific engine and the largest for a number of engines. The table shows all the sizes and the engines with which they are compatible.

Note The engine timing tools are difficult to recommend for a certain vehicle or model year with absolute certainty, as the engines vary widely. Therefore we have designed the table for search using the **engine code** for the vehicle being serviced.

All vehicle-specific data given are made under reservations. For all work on the vehicle, only the data prescribed by the vehicle manufacturer are applicable.

This ensures that the correct engine timing kit is ordered and fitted.

1. Check the engine code for the vehicle model.
2. Look up the engine code in the table to locate the item number for the appropriate tools. The tool kits are divided into colors where gray represent engine locking tools, green represent tension tools and yellow represent holding tools.
3. Before fitting the timing tools to the engine, check that the workshop manual's original part number matches the original part number on the respective tool.

Engine locking tool
Tension tool
Holding tools

Engine code →	Art. no.
169A4.000	K 10555
188A5.000	K 10536
188A5.000	K 10563
1X	K 10543
1Y	K 10543
1ZR-FE	K 10553
1ZZ-FE	K 10553
2AZ-FSE	K 10553
2E	K 10568
2ZR-FAE	K 10553
3ZR-FAE	K 10553

Engine code →	Art. no.
3ZZ-FE	K 10553
4ZZ-FE	K 10553
5FR(EP6DT)	K 10557
5FR(EP6DT)	K 10559
5FT(EP6DT)	K 10557
5FT(EP6DT)	K 10559
5FW(EP6)	K 10558
5FW(EP6)	K 10559
5FV(EP6DT)	K 10557
5FV(EP6DT)	K 10559
5FX(EP6DT)	K 10557

Engine code →	Art. no.
5FX(EP6DT)	K 10559
5FY(EP6DTS)	K 10557
5FY(EP6DTS)	K 10559
8140.43	K 10572
8140.43S	K 10549
8140.43S	K 10572
8140.47	K 10549
8140.47	K 10572
8FS(EP3)	K 10557
8FS(EP3)	K 10558

Engine code →	Art. no.
9HT(DV6BUTED4)	K 10534
9HT(DV6BUTED4)	K 10538
9HT(DV6BUTED4)	K 10542
9HXDV6TED4	K 10534
9HXDV6TED4	K 10538
9HXDV6TED4	K 10542
9HZ(DV6TED4)	K 10534
9HZ(DV6TED4)	K 10538
9HZ(DV6TED4)	K 10542

Engine code →	Art. no.
AAD	K 10529
AAD	K 10568
AAZ	K 10543
ABK	K 10529
ABK	K 10568
ABL	K 10543
ABS	K 10568
ABS	K 10568
ADP	K 10529
ADR	K 10529
ADR	K 10548
ADY	K 10568
ADZ	K 10568
AEB	K 10529
AEB	K 10548
AEB	K 10550
AEF	K 10543
AEG	K 10529
AEG	K 10568
AEH	K 10529
AEH	K 10568
AEY	K 10543
AFK	K 10543
AFN	K 10543
AFT	K 10529
AFT	K 10568
AGD	K 10543
AGG	K 10568
AGN	K 10548

Engine code →	Art. no.
AGP	K 10543
AGR	K 10543
AGU	K 10550
AHB	K 10543
AHF	K 10543
AHG	K 10543
AHL	K 10529
AHU	K 10543
AHW	K 10543
AJH	K 10548
AJH	K 10550
AJH	K 10563
AJH	K 10573
AJH	K 10574
AJV	K 10543
AKL	K 10529
AKL	K 10568
AKQ	K 10543
AKU	K 10543
AKW	K 10543
ALE	K 10525
ALE	K 10543
ALE	K 10563
ALE	K 10568
ALH	K 10543
ANA	K 10529
ANB	K 10529
ANB	K 10548
ANB	K 10550

Engine code →	Art. no.
APE	K 10543
APF	K 10529
APF	K 10568
APG	K 10548
APK	K 10529
APK	K 10568
APT	K 10529
APT	K 10548
APU	K 10529
APU	K 10548
APU	K 10550
AQA	K 10548
AQA	K 10550
AQM	K 10543
AQQ	K 10543
AQV	K 10543
AQX	K 10543
AQY	K 10529
AQY	K 10543
AQY	K 10568
ARC	K 10543
ARG	K 10529
ARG	K 10548
ARK	K 10529
ARK	K 10548
ARM	K 10529
ARR	K 10543
ARZ	K 10548
ASV	K 10543

Engine code →	Art. no.
ASX	K 10543
ATM	K 10548
ATM	K 10550
ATN	K 10543
AUA	K 10543
AUB	K 10543
AUK	K 10535
AUM	K 10548
AUM	K 10550
AWA	K 10535
AWC	K 10548
AWC	K 10550
AWC	K 10563
AWC	K 10573
AWC	K 10574
AWD	K 10550
AVH	K 10529
AVH	K 10568
AVJ	K 10548
AWT	K 10529
AWT	K 10548
AVU	K 10529
AVU	K 10568
AVV	K 10529
AVV	K 10548
AVY	K 10543
AXP	K 10543
AXU	K 10535
AXW	K 10535

Engine locking tool
Tension tool
Holding tools

Engine code →	Art. no.	Engine code →	Art. no.	Engine code →	Art. no.	Engine code →	Art. no.
AXX	K 10535	BMB	K 10535	D4F722	K 10567	F8Q632	K 10537
AYP	K 10543	BME	K 10543	D4F740	K 10528	F8Q632	K 10539
AYQ	K 10543	BMP	K 10550	D4F740	K 10537	F8Q632	K 10549
AZG	K 10529	BMP	K 10556	D4F740	K 10539	F8Q632	K 10567
AZG	K 10568	BMP	K 10566	D4F740	K 10549	FP4	K 10555
AZJ	K 10529	BMR	K 10550	D4F740	K 10567	FYDA	K 10551
AZJ	K 10568	BMR	K 10566	D5244T	K 10570	FYDA	K 10563
AZQ	K 10543	BPJ	K 10535	D5244T10	K 10570	FYDB	K 10551
B4184S11	K 10546	BPY	K 10535	D5244T13	K 10570	FYDB	K 10563
B4184S11	K 10551	BRD	K 10550	D5244T14	K 10570	FYDC	K 10551
B4184S8	K 10546	BRD	K 10566	D5244T16	K 10570	FYDC	K 10563
B4184S8	K 10551	BRS	K 10550	D5244T4	K 10570	FYDD	K 10551
B4204S4	K 10546	BRS	K 10556	D5244T5	K 10570	FYDD	K 10563
B4204S4	K 10551	BRS	K 10566	D5244T5	K 10570	FYDH	K 10551
B5244S	K 10570	BSU	K 10550	D5244T8	K 10570	FYDH	K 10563
B5244S2	K 10570	BSU	K 10566	E7J634	K 10564	G8DA	K 10550
B5244S5	K 10570	BUD	K 10543	E7J635	K 10564	G8DB	K 10550
B5244SG	K 10570	BUL	K 10535	E7J718	K 10564	G9U720	K 10539
B5244SG2	K 10570	BWA	K 10535	E7J719	K 10564	G9U754	K 10539
B5244T	K 10570	BWE	K 10535	E7J754	K 10564	GPDA	K 10550
B5244T3	K 10570	BVY	K 10545	E7J780	K 10564	GPDC	K 10550
B5254T2	K 10570	BVY	K 10548	EDDB	K 10531	HCBP	K 10551
B5254T3	K 10570	BVY	K 10556	EDDB	K 10546	HCBP	K 10563
B6284T	K 10570	BVY	K 10573	EDDB	K 10563	HCPA	K 10551
B6304S3	K 10570	BVZ	K 10545	EDDC	K 10531	HCPA	K 10563
BAD	K 10543	BVZ	K 10548	EDDC	K 10546	HHDA	K 10550
BAG	K 10535	BVZ	K 10556	EDDC	K 10563	HHDB	K 10550
BBY	K 10529	BVZ	K 10573	EDDD	K 10531	K4J700	K 10528
BBY	K 10543	BXE	K 10550	EDDD	K 10546	K4J710	K 10528
BBZ	K 10543	BXE	K 10566	EDDD	K 10563	K4J711	K 10528
BBZ	K 10543	BZG	K 10543	EDDF	K 10531	K4J712	K 10528
BCA	K 10543	C14NZ	K 10552	EDDF	K 10546	K4J713	K 10528
BCB	K 10543	C14SE	K 10552	EDDF	K 10563	K4J714	K 10528
BDW	K 10535	C16SE	K 10552	EJ20	K 10569	K4J750	K 10528
BEJ	K 10529	CBAB	K 10550	EP6	K 10558	K4M700	K 10528
BEJ	K 10568	CBAB	K 10556	EP6	K 10559	K4M701	K 10528
BER	K 10529	CBAB	K 10566	EP6DT	K 10557	K4M704	K 10528
BER	K 10568	CBBB	K 10550	EP6DT	K 10559	K4M708	K 10528
BEX	K 10550	CBBB	K 10556	EP6DTS	K 10557	K4M760	K 10528
BFB	K 10550	CBPA	K 10529	EP6DTS	K 10559	K4M760	K 22087
BFQ	K 10529	CBPA	K 10568	EW10A	K 10544	K4M761	K 10528
BFQ	K 10568	CCSA	K 10550	F3R722	K 10528	K4M761	K 22087
BGB	K 10535	CEVA	K 10540	F3R722	K 10537	K7J700	K 10564
BHP	K 10529	CEVA	K 10566	F3R722	K 10539	K7J701	K 10564
BHP	K 10568	CEVA	K 10573	F3R722	K 10549	K9K700	K 10537
BJB	K 10550	CGGA	K 10543	F3R722	K 10567	K9K700	K 10539
BJB	K 10566	CGGA	K 10543	F3R723	K 10528	K9K702	K 10537
BKC	K 10550	CGPA	K 10540	F3R723	K 10537	K9K702	K 10539
BKC	K 10566	CGPA	K 10566	F3R723	K 10539	K9K704	K 10537
BKG	K 10535	CGPA	K 10573	F3R723	K 10549	K9K704	K 10539
BKH	K 10535	D223L	K 10533	F3R723	K 10567	K9K710	K 10537
BKP	K 10550	D4204T	K 10551	F3R750	K 10528	K9K710	K 10539
BKP	K 10566	D4204T	K 10561	F3R750	K 10537	K9K834	K 10537
BKY	K 10543	D4F712	K 10528	F3R750	K 10539	K9K834	K 10539
BLF	K 10535	D4F712	K 10537	F3R750	K 10549	K9K836	K 10537
BLN	K 10535	D4F712	K 10539	F3R750	K 10567	K9K836	K 10539
BLP	K 10535	D4F712	K 10549	F3R751	K 10528	KDY(TU3M)	K 10527
BLR	K 10545	D4F712	K 10567	F3R751	K 10537	KDY(TU3M)	K 10530
BLR	K 10548	D4F714	K 10528	F3R751	K 10539	KDY(TU3M)	K 10565
BLR	K 10556	D4F714	K 10537	F3R751	K 10549	KDZ(TU3M)	K 10527
BLR	K 10573	D4F714	K 10539	F3R751	K 10567	KDZ(TU3M)	K 10530
BLS	K 10550	D4F714	K 10549	F8Q630	K 10528	KDZ(TU3M)	K 10565
BLS	K 10566	D4F714	K 10567	F8Q630	K 10537	KFW(TU3JP)	K 10527
BLY	K 10545	D4F722	K 10528	F8Q630	K 10539	KFW(TU3JP)	K 10530
BLY	K 10548	D4F722	K 10537	F8Q630	K 10549	KFW(TU3JP)	K 10565
BLY	K 10556	D4F722	K 10539	F8Q630	K 10567	KFX(TU3JP)	K 10527
BLY	K 10573	D4F722	K 10549	F8Q632	K 10528	KFX(TU3JP)	K 10527

ENGINE CODE → KIT



Engine locking tool
Tension tool
Holding tools

Engine code →	Art. no.	Engine code →	Art. no.	Engine code →	Art. no.	Engine code →	Art. no.
KFX(TU3JP)	K 10530	N46B20C	K 10547	NGD	K 10563	RWPA	K 10551
KFX(TU3JP)	K 10530	N47D20A	K 10560	QXBB	K 10551	RWPA	K 10563
KFX(TU3JP)	K 10565	NFZ(TU5JP)	K 10527	QXWA	K 10551	SNJA	K 10551
KFX(TU3JP)	K 10565	NFZ(TU5JP)	K 10530	QXWB	K 10551	SNJA	K 10563
L1E	K 10526	NFZ(TU5JP)	K 10565	RDA	K 10526	SNJB	K 10551
L1E	K 10531	NGA	K 10526	RDA	K 10531	SNJB	K 10563
L1E	K 10541	NGA	K 10531	RDA	K 10541	UFBA	K 10551
L1E	K 10546	NGA	K 10541	RDA	K 10546	UFWA	K 10551
L1E	K 10563	NGA	K 10546	RDA	K 10563	WJY(DW8B)	K 10530
LFY(XU7JP4)	K 10530	NGA	K 10563	RFJ(EW10A)	K 10544	WJZ(DW8)	K 10530
M9R	K 10554	NGB	K 10531	RFN	K 10531	X10XE	K 10532
M9R780	K 10554	NGB	K 10546	RFN	K 10541	X12XE	K 10532
N12B14A	K 10558	NGB	K 10563	RFN	K 10563	X14SZ	K 10552
N12B14A	K 10559	NGC	K 10531	RKC	K 10526	X20XEV	K 10571
N12B16A	K 10558	NGC	K 10546	RKC	K 10531	Z12XE	K 10532
N12B16A	K 10559	NGC	K 10563	RKC	K 10541	Z12XEP	K 10532
N46B20	K 10547	NGD	K 10531	RKC	K 10546		
N46B20A	K 10547	NGD	K 10546	RKC	K 10563		



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Refractometer



A high-precision refractometer which is easy to use and calibrate. The following fluid concentrations can be measured: Glycol (propylene and ethylene), washer fluid (ethanol and isopropanol) and battery acid (sulfuric acid).

Description	Article No
Refractometer, 3 parts	K 3640

Content
1 refractometer
1 calibration device
1 pipette

Capacity	
Glycol, propylene °C	-50 - 0
Glycol, ethylene °C	-50 - 0
Washer fluid, ethanol °C	-40
Washer fluid, Isopropanol °C	-40
Battery acid, sulfuric acid Kg/l	1.10 – 1.40

Cooling system filler set



Effective tool for refilling the cooling system and preventing air pockets. Using compressed air, a vacuum is created in the cooling system and on the pressure gauge it is possible to see if there is a leak in the system. Delivered with six adapters that fit most cooling systems.

Description	Article No
Cooling system filler set	K 200

Radiator pressure test set



Complete set for pressure testing cooling system and radiator filler cap. The set contains aluminum adapters to fit most cars and a universal device for cars with non-standard dimensions.

Description	Article No
Radiator pressure testing set	K 185

Vacuum and pressure test set



Complete set with hand pump (vacuum and pressure) and adapters for easy problem-solving in many different systems, such as fuel system, carburettor, fuel pressure regulator, brake servo, etc. Can also be used with advantage for brake bleeding and removal of fluids by suction.

Description	Article No
Vacuum & pressure test set	K 201

T-wrenches with spark plug socket



Thin-walled spark plug sockets with integral torque limiter to minimize overloading.

Dimension mm	Length mm	Capacity Nm	Article No
14	545	19	K 2678
16	545	20	K 2676
21	590	25	K 2677

Ignition coil puller, K 418



Tool for loosening ignition coils on VAG-engine. Bora, Golf, Passat, Sharan, Touareg, R32, Phaeton, T5, V5 2.3, V6 3.2

Description	Article No
Ignition coil puller	K 418

Ignition coil puller, K 419



Tool for loosening ignition coils on VAG-engine. Bora, Golf, Beetle, Passat, Polo, Touran, Lupo, Phaeton, T4.

Description	Article No
Ignition coil puller	K 419

Ignition coil puller, K 420



Tool for loosening ignition coils on VAG-engine. 8 and 12 cylinder, Phaeton, 1.8T, GTI, FSI 2.0.

Description	Article No
Ignition coil puller	K 420

Ignition coil puller, K 421



Tool for loosening ignition coils on VAG-engine.

Description	Article No
Ignition coil puller	K 421

Ignition coil tool VAG, 4-piece



Set with four different tools for loosening ignition coils on VAG-engines. For, among others, 4, 5, 6, 8, 12-cyl. engines incl. FSI-models.

Description	Article No
Ignition coil tool VAG, 4-piece	K 202

Content
1 piece Ignition coil tool for, Bora, Golf, Passat, Sharan, Touareg, R32, Phaeton, T5, V5 2.3, V6 3.2
1 piece Ignition coil tool for, Bora, Golf, Beetle, Passat, Polo, Touran, Lupo, Phaeton, T4
1 piece Ignition coil tool for, 8 and 12 cylinders, Phaeton, 1.8T, GTI, FSI 2.
1 piece Ignition coil tool for, most VAG-engines

Injector puller, set



This set is used in combination with an air hammer e.g. Kamasa Tools K 9870, an effective solution for removing Diesel injectors from the cylinder head. The set consists of an extractor bar and 7 adapters for the most common Diesel injectors, an angle coupling for angling the tool and 2 tools for removing injectors.

Description	Article No
Injector puller, set	K 11249

Content	Thread
Air hammer extractor bar	5/8"
Injector adapter, Siemens	M25
Injector adapter, Denso	M20
Injector adapter, Siemens	M27
Injector adapter, high pressure	M12
Injector adapter, Delphi	M14
Injector adapter, Denso	M16
Angle coupling for injector adapter	5/8" - 5/8"
Removal socket for injectors, Bosch	1/2"
Removal socket for injectors, Denso	

Air hammer extractor bar



The extractor bar effectively transmits impact power to pulling power, and vibration to the removal adapters with 5/8" thread. Used for removing injectors, etc. Used with air hammer K 9870.

Description	Article No
Air hammer extractor bar	K 11250

Injector adapter, Siemens M25



An adapter for effective removal of Siemens Diesel injectors with M25 thread. Used with air hammer K 9870 and extractor bar K 11250.

Description	Article No
Injector adapter, Siemens M25	K 11251

Removal socket for injectors



Removal socket for valve seats on Denso Diesel injectors. 3 pieces 2 mm pins with 12 mm c/c distance.

Description	Article No
Removal socket for valve seats, Denso	K 11258

Injector adapter, Denso M16



An adapter for effective removal of Denso Diesel injectors with M16 thread. Used with air hammer K 9870 and extractor bar K 11250.

Description	Article No
Injector adapter, Denso M16	K 11257

Removal socket for injectors



Socket for removing Bosch Diesel injectors. 10 mm hex head, 1/2" fitting.

Description	Article No
Removal socket, Bosch diesel injectors	K 11259

Injector adapter, Denso M20



An adapter for effective removal of Denso Diesel injectors with M20 thread. Used with air hammer K 9870 and extractor bar K 11250.

Description	Article No
Injector adapter, Denso M20	K 11252

Injector adapter, Siemens M27



An adapter for effective removal of Siemens Diesel injectors with M27 thread. Used with air hammer K 9870 and extractor bar K 11250.

Description	Article No
Injector adapter, Siemens M27	K 11253

Injector adapter, high pressure M12



An adapter with internal M12 thread for effective removal of older types of high-pressure Diesel injectors. Used with air hammer K 9870 and extractor bar K 11250.

Description	Article No
Injector adapter, high pressure M12	K 11254

Injector adapter, Delphi M14



An adapter for effective removal of Delphi Diesel injectors with M14 thread. Used with air hammer K 9870 and extractor bar K 11250.

Description	Article No
Injector adapter, Delphi M14	K 11255

Ball joint coupling for injector adapter



Ball joint coupling for injector adapters, max. 15° angle.

Description	Article No
Angle coupling for injector adapters	K 11256

Injector tool set, 2-piece



Injector tools for removing injectors with impact hammer. The tool grips the inner and outer threads of the injector at the same time, which significantly reduces the risk of cracking the injector.

Description	Article No
Injector tool set, 2-piece	K 449

Content
1 piece Adapter, outside thread
1 piece Adapter, inside thread

Injector puller set, 3-piece



Complete set with extractor key for removing the inner part of the injector, window socket to open the injector and a puller to remove the injector without the use of a slide hammer. To remove for example Mercedes-Benz Sprinter, ML 270, E-Class, C-Class, Grand Cherokee 2,7 crd from 2000.

Description	Article No
Injector puller set, 3-piece	K 439

Content
1 piece Allen bits socket
1 piece Socket, 29 mm
1 piece Puller

Injector puller set, 7-piece



CrV

A complete set to remove injectors without having to disassemble the cylinder head on Mercedes-Benz. With this set you can either pull the injector out or use the glide hammer. Includes adapter and hooks to fit beneath the injector shell.

Description	Article No
Injector puller set, 7-piece	K 440

Content
1 piece Slide hammer
2 pieces Hooks
1 piece Puller
1 piece Adapter
1 piece Thread tap, M6x1.0

Injector removal set, VAG, 5-piece



CrV

Set with 0,5 kg slide hammer and adapter for removing stuck Diesel injectors from 1.9-4.2 D/SDI/TDI VAG-engine. The adapter connects to the injectors with a thread or with hooks beneath the injector shell.

Description	Article No
Injector removal set, VAG, 5-piece	K 438

Content
4 pieces adapters
1 piece Slide hammer, 500 g

Injector nozzle sockets



1/2 CrMo

Sockets for installing and removing modern Siemens and Bosch Common Rail fuel injectors.

Dimension mm	Length mm	Article No
25	100	K 431
28	100	K 432
29	100	K 433
30	100	K 434

Injector nozzle socket set, 4-piece, mm



1/2 CrMo

Set with sockets for installing and removing modern Siemens and Bosch Common Rail fuel injectors.

Description	Article No
Injector nozzle socket set, 4-piece	K 430

Content	
Dimension mm	Length mm
25	100
27	100
29	100
30	100

Injector extractor tool set, 4-piece



Set containing two extractor tools for Bosch/Delphi injectors, a connector for the adapter and slide hammer and a special 10 mm bits socket for removing the injector. Designed to be used with a slide hammer with M16 x 1.5 thread or a wrench to loosen the injector with vibrations.

Description	Article No
Injector extractor tool set, 4-piece	K 437

Content
3 pcs. adapters
1 pc. bit socket, 10 mm

Copper washer removal tool



For effective installation and removal of injectors' copper washers in the cylinder head. The 230 mm long tool is designed to install copper washers on deep seated injectors.

Length mm	Article No
230	K 435

Slide hammer, 2.6 kg



Rugged slide hammer with many uses, such as removing fuel injectors with tool set K 437.

Dimension	Length mm	Article No
M16 x 1,5	460	K 448

Injector tool adapter



Injector tool adapter; female thread 5/8" for male thread M16 x 1.5 also makes it possible to use impact hammer K 448 for M16 x 1.5 threaded injector tool. Made of hardened, galvanized, carbon steel (S45C).

Description	Article No
Injector tool adapter	K 10281

Diesel pump tool set



Special sockets for opening Bosch Diesel pumps, very common on VAG vehicles, etc.

Description	Article No
Diesel pump tool set, Bosch	K 10677

Content			
Type	Quantity	Dimension mm	OEM
Socket for EDC-VE pump housings from 1996 to 2003, Bosch	1 pc.	7	0986 612 605
Socket for Bosch VE pumps, Bosch	1 pc.	12.6	0986 611 750

Compression gauge, Diesel



Complete set for compression test of Diesel engines. The set contains gauge with pressure relief valve, flexible hose, and adapters for different glow plugs.

Description	Article No
Compression tester, diesel	K 220

Content Description	Measuring range bar
Gauge	0-70
Hose	
Adapters	

Oil pressure gauge set



Complete set for measuring the engine oil pressure and pressure sensor. All adapters have a quick-coupling for easy assembly.

Description	Article No
Oil pressure measurement set	K 211

Content Description	Measuring range bar
Gauge	0-10
Hose	
Adapters	

Compression gauge, gasoline



Complete set for compression test of gasoline engines. The set contains gauge with pressure relief valve, flexible hose, and adapters for different spark plug threads.

Description	Article No
Compression tester, gasoline	K 209

Content Description	Measuring range bar
Gauge	0-20
Hose	
Adapters	

Glow plug sockets



Glow plug socket for easy removal and installation of glow plugs. With rubber ring that holds the glow plug.

Dimension mm	Length mm	Article No
8	83	K 442
9	83	K 443
10	83	K 444
12	83	K 445
14	83	K 446
16	83	K 447

Glow plug socket set, 6-piece



Set with flexible glow plug sockets for easy removal and installation of most available glow plugs. With rubber ring that holds the glow plug.

Description	Article No
Glow plug socket set, 6-piece	K 441

Content	
Dimension mm	Length mm
8	83
9	83
10	83
12	83
14	83
16	83

Spark plug sockets with rubber holder



Chromed spark plug sockets with rubber holder.

Dimension mm	Points	Article No
14	12	K 4783
16	6	K 21009
18	6	K 21010
21	6	K 21008

Spark plug sockets with spring holder



12-point socket, with spring holder for spark plug.

Dimension mm	Length mm	Article No
14*	65	K 4782
16	65	K 4971
18	65	K 4972
21	65	K 4973

* For spark plugs with 12-point drive, PSA, BMW, etc.

Spark plug sockets, long



Long and thin-walled spark plug sockets for engines where the spark plug is located deep down in the cylinder head.

Dimension mm	Length mm	Points	Article No
14	250	12	K 4968
14*	250	12	K 4970
16	250	6	K 4969

* For spark plugs with bigger porcelain body, PSA, BMW, etc.

Special socket, 22 mm/30 mm



3/8 CrMo

Socket for installing and removing oxygen sensors.

Description	Dimension mm	Length mm	Article No
Socket for oxygen sensor	22	30	K 166

Special socket, 22 mm/90 mm



3/8 CrMo

Socket for installing and removing oxygen sensors.

Description	Dimension mm	Length mm	Article No
Socket for oxygen sensor	22	90	K 168

Special socket, 22 mm/80 mm



3/8 CrMo

Socket for installing and removing oxygen sensors.

Description	Dimension mm	Length mm	Article No
Socket for oxygen sensor	22	80	K 167

Special socket, 1 1/16"/74 mm



3/8 CrMo

Socket for installing and removing oil pressure sensor.

Description	Dimension Inch	Length mm	Article No
Socket for oil pressure sensor	1 1/16"	74	K 169

Threading tools for spark plugs



CrV

Tools for cleaning the spark plug threads in the cylinder head. Thread cleaning starts at the bottom of the threads and brings up any dirt and metal filings so that they do not end up in the combustion chamber.

Dimension	Article No
M12 x 1,25	K 197
M14 x 1,25	K 198
M18 x 1,5	K 199

M14/M18 treading tool for K 209



Description	Article No
M14/M18 treading tool for K 209	KR 209 1

M10/M12 treading tool for K 209



Description	Article No
M10/M12 treading tool for K 209	KR 209 2

Cleaning tool, glow plugs



CrMo

Cleaning tool for easy cleaning of glow plug seats. Titanium nitride-coated for optimal cutting and durability.

Dimension	Length mm	Cutting edge size mm	Article No
M12 x 1,25	30	6.5x24	K 10242
M12 x 1,25	30	6.9x27	K 10243
M10 x 1.0	30	5.7x27.5	K 10241

Cleaning tool kit, glow plugs



CrMo

Cleaning tool for easy cleaning of glow plug seats. The set includes a cleaning tool for the three most common glow plug shapes, thus covering a major part of the Diesel fleet. The tool is titanium nitride-coated for optimal cutting and durability.

Description	Article No
Cleaning tool kit, 3 part	K 10240

Content	Dimensions	Length mm
Cutting edge size mm		
6.5x24	M12x1.25	30
6.9x27	M12x1.25	30
5.7x27.5	M10x1.0	30

Injector seat cutter set



3/8 CrV

Set with T-handle and reamer to clean or recondition faces in the cylinder head and injectors when replacing injectors on, e.g., Bosch/Delphi, to avoid blow back and poor emissions.

Description	Article No
Injector seat cutter set	K 436

Content	Use
15 mm straight reamer	Universal
17 mm straight reamer	BMW/Peugeot/Renault
17 mm angled reamer	Fiat/ Iveco
17 mm straight reamer	Mercedes CRD

Spark plug sockets with rubber holder



1/2 CrV

Chromed spark plug sockets with rubber holder.

Dimension mm	Article No
16	K 22010
21	K 22011

Spark plug sockets with spring holder



1/2 CrV

12-point socket, with spring for spark plug.

Dimension mm	Length mm	Article No
16	65	K 4974
18	65	K 4975
21	65	K 4976

Special socket 22/80 mm



1/2 CrMo

Socket for dismantling/fitting Diesel injectors on Nissan, VW, etc.

Description	Dimension mm	Length mm	Article No
Injector nozzle	22	80	K 10287

Special socket, 22 mm/50 mm



1/2 CrMo

Sockets for installing and removing oxygen sensors.

Description	Dimension mm	Length mm	Article No
Socket for oxygen sensor	22	50	K 165

Special socket 22/110 mm



1/2 CrMo

Socket for dismantling/fitting Diesel injectors on Audi, VW, BMW, Ford, Opel, Mercedes, Volvo, etc.

Description	Dimension mm	Length mm	Article No
Injector nozzle	22	110	K 10286

Special socket, 27 mm/85 mm



1/2 CrMo

Socket for installing and removing temperature sensor.

Description	Dimension mm	Length mm	Article No
Socket for temperature sensor	27	85	K 171

Special socket, 29 mm/90 mm



1/2 CrMo

Socket for installing and removing oil pressure sensor.

Description	Dimension mm	Length mm	Article No
Socket for oil pressure sensor	29	90	K 170

Special socket 28/ 83 mm



1/2 CrMo

Socket for dismantling/fitting Diesel injectors on Volvo, Chrysler, Alfa Romeo, Scania and MAN, etc.

Description	Dimension mm	Length mm	Article No
Injector nozzle	28	83	K 10288

Special socket set



3/8 1/2 CrMo

Set of special sockets for installing and removing oxygen sensors, oil pressure sensors, and temperature sensors.

Description	Article No
Special socket set 7-piece	K 164

Content	Dimensions mm	Length mm
Oxygen sensor offset	22	30
Oxygen sensor offset	22	50
Oxygen sensor	22	90
Oxygen sensor	22	80
Oil pressure sensor	1 1/16"	74
Oil pressure sensor	29	90
Temperature sensors	27	85

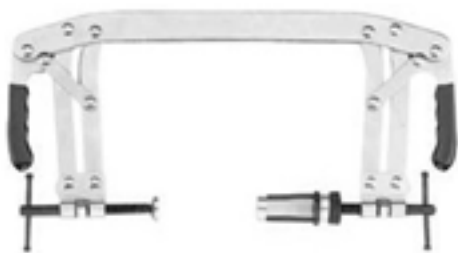
Fan nut wrench



Holding tool for fan connection on Ford, BMW, Opel, Vauxhall and GM.

Dimension mm	Article No
32-36	K 223

Valve spring compressor, universal



Universal valve spring compressor for most engines.

Width mm	Clamping depth mm	Article No
55 - 175	165	K 216

Stretch belt tool



This tool ensures simple, fast and safe fitting and removal of flexible multi-rib belts. Because the belt drive does not have a tensioning device, the belt cannot be slackened or re-tensioned. This tool can be used to stretch belts without causing damage, and is easy to fit.

Description	Article No
Stretch belt tool, 2 parts	K 10445

Content
Removal tool
Fitting tool

Tool set for belt pulleys



1/2

Set with 18 special tools for removing and fitting belt pulleys on freewheel hubs. Suitable for the majority of generators, e.g. Bosch, Valeo, Magnetti Marelli, etc.

Description	Article No
Tool set for belt pulleys	K 10631

Content	Length mm
Bit socket 1/2" XZN M10 with holding nut	95
Bit socket 1/2" T50 with holding nut	95
Bit adapter 1/2"	
Bits, hex head, 10 mm	70
Bits, hex head, 8 mm	70
Bit, XZN M10	70
Bit, XZN M8	70
Bit, T50	70
Bit, T40	70
Holding nut x 4	

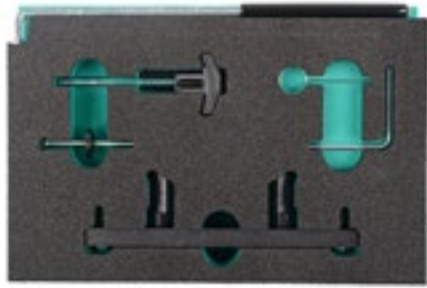
Piston ring compressor



Piston ring compressor with self-locking and endless variable setting.

Height mm	Capacity Ø mm	Article No
76	53-175	K 207
100	60-175	K 210

Audi/VW engine locking tool



Engine locking tool for Audi, Volkswagen 2.0 FSi and TFSi engines. Complete kit for locking engines and tensioning belts.

Description	Article No
Audi/VW engine locking tool	K 10548

Content	
OEM	
3366	T20018
T10020	T20044
T10060	T20167
T10060A	T40011
T10092	T40098
T10252	V.159

VAG engine locking tool



Engine locking tool for a wide range of gasoline and Diesel engines. Complete kit for locking engines and pumps and tensioning belts.

Description	Article No
VAG engine locking tool	K 10529

Content	
OEM	
2064	MP1-300
2065A	MP1-301
2587	MP1-302
3359	MP1-312
9995193	T10008
15-046	T10016
21-105	T10050
23-047	T20038
23-058	T20046
23-059	T20102
310-084	U20003
310-085	U30009
999-5190	U40021
999-5193	U40074
Matra V159	

VAG engine locking tool



Locking tool for Audi, Seat, Volkswagen, Volvo and Ford Galaxy Diesel engines, etc.

Description	Article No
VAG engine locking tool	K 10525

Content	
OEM	
2064	21-105
2065A	23-047

VAG engine locking tool



Engine locking tool for VAG gasoline engines, including FSi and TFSi engines. 1.4, 1.6, 2.0, 2.4 and 3.2. Complete kit for locking engines, cams and TDC control.

Description	Article No
VAG engine locking tool	K 10535

Content OEM	
T10020	T10340
T10060	T10414
T10060A	T20046
T10092	T40011
T10100	T40058
T10115	T40069
T10170	T40070
T10171	T40071
T10252	VAS6079
T10340	3366
T10341	3369

VAG engine locking tool



Engine locking tool for a wide range of VAG engines, both gasoline and Diesel. Complete kit containing locking tools for camshafts, crankshafts and pumps, as well as pre-tension tools.

Description	Article No
VAG engine locking tool	K 10543

Content OEM	
2064	T10016
3242	T10020
3359	T10050
3387	T20038
3418	T20046
3458	T20102
2065A	U-20003
23-058	U-30009
23-059	U-40021
310-084	U-40074
310-085	V.159
T10008	

VAG engine locking tool



Engine locking tool for VAG 1.2 gasoline engines. Lupo, Polo, Cordoba, Ibiza, Fabia, Roomster, 3 cylinder 6/12V 1.2 liter. Complete kit for locking engines and camshafts.

Description	Article No
VAG engine locking tool	K 10540

Content OEM	
T10120	T10123
T10121	

VAG engine locking tool



Engine locking tool for 2.0 TDi, Pd, DOHC Diesel engines. Complete kit for locking engines and pumps and tensioning belts.

Description	Article No
VAG engine locking tool	K 10545

Content	OEM
23-059	T10060A
3359	T10100
303-1054	T10115
310-085	T20102
MP1-301	T20167
MP1-301	T40098
T10050	U40074
T10060	

VAG engine locking tool



Engine locking tool for VAG engines, both petrol and Diesel, including FSI and TFSi. A comprehensive set for locking engines, TDC and belt tensioning.

Description	Article No
VAG engine locking tool	K 10550

Content	OEM	OEM
T10008	T40071	3242
T10016	T40098	3313
T10020	U20003	3359
T10050	U30009	3366
T10060	U40021	3369
T10060A	U40074	3387
T10074	V.159	3418
T10092	VAS6079	3458
T10098	VM9660	5190
T10100	1860895000	5193
T10115	1895879000	9995190
T10170	15-046	9995193
T10171	2064A	999-5190
T10252	21-105	999-5193
T20018	23-047	KM571A
T20038	23-058	MatraV159
T20044	23-059	MP1-300
T20046	303-1054	MP1-301
T20102	310-084	MP1-302
T40058	310-085	MP1-312
T40069	2064	
T40070	2587	

VAG engine locking tool



Engine locking tool for Audi, Seat, Volkswagen 1.6 and 2.0 TDi CR "BlueMotion" Diesel engines. Complete kit for locking engines and pumps and tensioning.

Description	Article No
VAG engine locking tool	K 10556

Content	OEM
T10050	T20102
T10051	T40098
T10052	U40074
T10100	23-059
T10255	310-085
T10264	MP1-301
T10265	3359

BMW engine locking tool



Engine locking tool for BMW 1.6, 1.8, 2.0 gasoline engines. Complete kit for locking engines and tensioning chains.

Description	Article No
BMW engine locking tool	K 10547

Content	OEM
112300	119351
119190	12-108
119290	12-171
119291	KM813
119292	LRT12-108
119293	LRT-12-108
119340	LRT12-171
119341	LRT-12-171
119350	

BMW engine locking tool



Engine locking tool for BMW 2.0 Diesel engines. Complete kit for locking engines and pumps and tensioning chains.

Description	Article No
BMW engine locking tool	K 10560

Content	OEM
113340	118760
115320	12-172
116480	LRT12-172
118740	LRT-12-172

Citr/Peug/Mini engine locking tool



Engine locking tool for Citroen, Peugeot and BMW/Mini 1.6 Turbo gasoline engines. Complete kit for locking engines.

Description	Article No
Citr/Peug/Mini engine locking tool	K 10557

Content	OEM
0197-A1	119551
0197-A2	119552
0197-B	119590
119550	

Citroen/Peugeot engine locking tool



Engine locking tool for Citroen and Peugeot EW gasoline engines. Complete kit for locking engines and tensioning belts.

Description	Article No
Citroen/Peugeot engine locking tool	K 10544

Content	OEM
0132AB	1870900100
0132AJ1	1871007800
0132AJ2	1871007900
0132AK	1871008000
0153AK	1871008100
0178D	2 000023200
0187B	21-260
0188K	21-263
0188M	303-1277
0188M	303-732
0189A	303-735
0189AZ	4527-TS2
0189B	4533-TAC
0189K	4533-TAC2
0189L	4533-TAD
0189R	49JE02018
0189S1	49JE02021
0189S2	5711-TD
0194A	9997122
0194B	9997169
0189C	999-7122
07744-00104-00	999-7169
119790	MOT1430
1860617000	MOT1436

Citr/Peug/Mini engine locking tool



Engine locking tool for Citroen, Peugeot and BMW/Mini 1.4, 1.6 gasoline engines. Complete kit for locking engines.

Description	Article No
Citr/Peug/Mini engine locking tool	K 10558

Content	OEM
0197-A1	119540
0197-A3	119590
0197-B	

ENGINE LOCKING TOOLS



Fiat engine locking tool

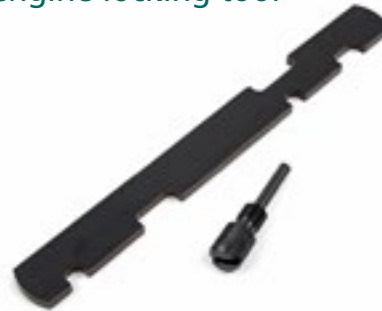


Engine locking tool for Fiat 1.2 16V engines. Complete kit for piston positioning, cam locking and pre-tension tool.

Description	Article No
Fiat engine locking tool	K 10536

Content	
OEM	
1860985000	991768610
1860987000	303-1472
1860992000	EN-46781
1871000900	

Ford engine locking tool



Engine locking tool for Ford engines, including Zetec engines. Fiesta, Puma, Escort, Focus, Courier, Mondeo, Tourneo, Transit, Transit Connect 1.8/2.0. Also some Mazda 121.

Description	Article No
Ford engine locking tool	K 10526

Content	
OEM	
21-162B	303-376
21-163	303-507
21-210	303-574

Fiat/Ford engine locking tool



Engine locking tool for 1.2, 1.4 8V gasoline engines. Complete kit for locking engines and tensioning belts.

Description	Article No
Fiat/Ford engine locking tool	K 10555

Content	
OEM	
1860987000	2190754200
2000004200	2190754400
2000004300	2190754500
2000004400	303-1477
2000004500	303-1479

Ford engine locking tool



Engine locking tool for Ford engines, both gasoline and Diesel, including Zetec engines. Complete kit for locking engines and pumps.

Description	Article No
Ford engine locking tool	K 10531

Content	
OEM	
0188F	49N010101
15-046	49UN303376
2064	49JE01054
2065A	5711-TB
21-104	9995190
21-105	9995193
21-123	9997119
21-162	9997120
21-162B	9997151
21-163	9997152
21-168	9997201
21-210	999-5190
23-019	999-5193
23-020	999-7119
23-029	999-7120
23-047	999-7120
23-058	999-7151
23-059	999-7152
303-1272	999-7201
303-367	KM 6011
303-393	MP 1-300
303-393-01	MP 1-301
303-507	MP1-300
303-574	MP1-301
303-620	T10008
310-084	T10050
310-085	T20102
3359	U20003
5190	U40021
5193	U40074

Ford engine locking tool



Engine locking tool for Ford Duratorq engines. Complete kit for locking engines and camshafts. Compatible with 1.4 TDCi, 2.0 & 2.2 TDCi and 2.4 TDi, etc.

Description	Article No
Ford engine locking tool	K 10534

Content	
OEM	
119790	21-263
1860617000	303-1277
0132AB	303-675
0132AJ1	303-698
0178D	303-732
0187B	303-734
0188M	303-735
0189B	4527-TS2
0194A	5711-TD
0194B	9997121
0194C	9997122
07744-00104-00	9997169
21-234	999-7121
21-251	999-7122
21-260	999-7169
21-262	MOT1430

Ford engine locking tool



Engine locking tool for Ford Duratorq Diesel engines. Complete kit for locking engines, cams and pumps. The kit also includes tools for removing and installing pumps on 2.0 and 2.4 engines.

Description	Article No
Ford engine locking tool	K 10538

Content OEM	
0132AB	21-260
0132AJ1	21-262
0178D	21-263
0187B	303-1151
0188M	303-1277
0189B	303-675
0194A	303-679A
0194B	303-698
0194C	303-732
07744-00104-00	303-734
119790	303-735
1860617000	310-083A
9997121	4527-TS2
9997122	5711-TD
9997169	999-7121
21-234	999-7122
21-238	999-7169
21-251	MOT1430

Ford engine locking tool



Engine locking tool for Ford 1.8 TDDi, TDCi Diesel engines with timing belt and chain drive on the pump. Complete kit for locking engines, cams and pumps, TDC control and pullers for cam wheels. The kit also contains tools for a range of 1.6, 1.8 gasoline engines.

Description	Article No
Ford engine locking tool	K 10541

Content OEM	
0188F	303-651
21-104	49UN303376
21-162	49JE01054
21-162B	9997119
21-168	9997151
21-229	999-7119
303-1272	999-7120
303-367	999-7151
303-393	

Ford engine locking tool



Engine locking tool for Ford 1.4/1.6 TDCi Diesel engines with chain drive. Complete kit containing adjustment tools for both camshafts and crankshafts and locking tools for crankshafts.

Description	Article No
Ford engine locking tool	K 10542

Content	
OEM	
0132AB	303-732
0132AJ1	303-734
0178D	303-735
0187B	4527-TS2
0188M	49JE02018
0189B	49JE02020
0194A	49JE02021
0194B	5711-TD
0194C	999-7121
07744-00104-00	999-7122
119790	999-7169
1 860 617 000	9 997 121
21-260	9 997 122
21-262	9 997 169
21-263	MOT1430
303-1277	

Ford/Volvo engine locking tool

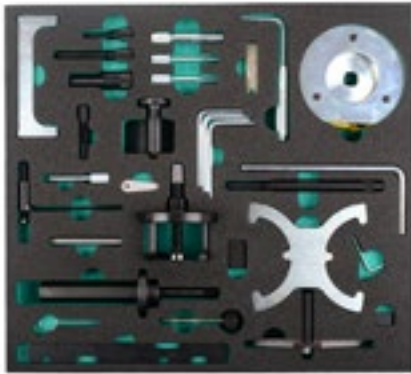


Engine locking tool for Ford 1.25, 1.4, 1.6 gasoline and Volvo 1.8, 2.0 gasoline, as well as Volvo C30, S40, V50, V70 1.6. 1.8, 2.0 engines: B4184S8, B4184S11, B4204S3, B4204S4. Complete kit for locking engines and tensioning.

Description	Article No
Ford/Volvo engine locking tool	K 10546

Content	
OEM	
21-163	49N010101
21-210	9 997 151
21-259	9997152
303-376	9997152
303-376B	9997201
303-507	999-7151
303-574	999-7152
303-620	999-7152
303-748	999-7201
49JE01061	999-7406

Ford/Volvo engine locking tool



Engine locking tool for Ford TDDi, TDCi, Duratorq Diesel engines. as well as Volvo C30, S40, V50, V70 1.6, 1.8, 2.0 engines: B4184S8, B4184S11, B4204S3, B4204S4. Complete kit for locking engines and tensioning.

Description	Article No
Ford/Volvo engine locking tool	K 10551

Content OEM	
0132AB 999-5190	21-238
0132AJ1 999-5193	21-251
0178D 999-7119	21-259
0187B 999-7120	21-260
0188F 999-7121	21-262
0188M 999-7122	21-263
0188X 999-7151	23-019
0189B 999-7152	23-047
0194A 999-7169	23-058
0194B 999-7201	23-059
0194C 999-7406	303-1054
07744-00104-00 999-7429	303-1059
119790 MOT1430	303-1097
15-046 MP1-300	303-1151
1860617000 MP1-301	303-1270
2064 T10008	303-1272
2065A T10050	303-1277
21-104 T10115	303-376
21-105 T20046	303-376B
21-163 T20102	303-393
21-168 U20003	303-393-01
21-210 U40021	303-393-02
21-229 U40074	303-507
21-230	303-574
21-234	303-620

Volvo engine locking tool



Engine locking tool for Ford, PSA and Volvo 2.0, 2.2 CR Diesel engines. Complete kit for locking engines.

Description	Article No
Volvo engine locking tool	K 10561

Content OEM	
0132AJ1	303-393
0187B	303-393-01
0188F	303-735
0188M	49JE02021
0188X	9997119
0189B	9997120
0194B	9997121
21-168	9997122
21-263	999-7119
303-1059	999-7120
303-1270	999-7121
303-1272	999-7122
303-1277	MOT1430

PSA engine locking tool



A set of locking tools for Citroen and Peugeot. Compatible with a wide range of 1.0-1.9 gasoline and Diesel engines. Locking tool for crankshafts and timing belt pre-tension tool.

Description	Article No
PSA engine locking tool	K 10527

Content	
OEM	
0132R	4507TB
0132QZ	4507TJ
0153AA	7014TN
0153G	KM 955
4507TA	

PSA engine locking tool



Engine locking tool for Citroen/Peugeot HPI (gasoline) and HDi (Diesel) engines. Complete kit for locking engines and pumps and tensioning belts.

Description	Article No
PSA engine locking tool	K 10530

Content	
OEM	
0132AB 7017TR	0188M
0132AJ1 7017TW	0188P
0132AJ2 7099TM	0188P2
0132AK 9041TZ	0188X
0132Q 9044-T	0188Y
0132QZ 9765.54	0189A
0132R 9767.27	0189AZ
0132X 9767.34	0189B
0134AF 999-7122	0189C
0134Q 999-7169	0189K
0153A Facom D86	0189L
0153AA MOT1430	0194A
0153AB MOT1436	0194B
0153AK OUT0000127	0288D
0153G	1860161000
0153N	1860617000
0153ZY	1860863000
0178D	1860863000
0178E	1860965000
0187B	1867030000
0188D	1870765001
0188F	1870827000
0188H	1870900100
0188J	1871008100
0188J/J1	2000023200
0188J2	9997122
0188K	9997169

PSA engine locking tool



Engine locking tool for Citroen, Renault, Fiat 2.5, 2.8 Diesel engines. Complete kit for locking engines, TDC and belt tensioning.

Description	Article No
PSA engine locking tool	K 10549

Content	OEM
0132AB	4527-TS2
0178D	49JE02018
0194A	5711-TD
07744-00104-00	9997169
119790	999-7169
1860617000	KM6031
1860638000	MOT1054
21-260	MOT861
303-732	MOT863

Renault engine locking tool



Locking tool for 1.4, 1.6, 1.8, 2.0 gasoline engines. Complete kit for locking engines, camshafts and TDC control.

Description	Article No
Renault engine locking tool	K 10528

Content	OEM
MOT1054	MOT1496
MOT1489	MOT1750

Renault engine locking tool



Engine locking tool for Renault 1.5 and 1.9 DCi engines. Complete kit for locking engines, cams and TDC control.

Description	Article No
Renault engine locking tool	K 10537

Content	OEM
0132AJ1	9997122
0187B	999-7122
0188M	KM6031
0189B	MOT1054
0194B	MOT1430
21-263	MOT1489
303-1277	MOT861
303-735	MOT863

Renault engine locking tool



Engine locking tool for Renault 2.0 IDE gasoline engines. Complete kit for locking engines and TDC control.

Description	Article No
Renault engine locking tool	K 10567

Content	OEM
MOT1054	MOT861
MOT1526	

Renault/Opel engine locking tool



Engine locking tool for Renault 1.5, 1.9, 2.2, 2.3 and 2.5 Diesel engines. Renault Clio, Kangoo, Laguna II, Megane, Espace, Trafic & Master. Complete kit for locking engines, cams, pumps and TDC control.

Description	Article No
Renault/Opel engine locking tool	K 10539

Content	
OEM	
MOT1054	KM6234
MOT1430	0132AJ1
MOT1489	0187B
MOT1534	0188M
MOT1536	0189B
MOT1537	0194B
MOT1538	1543
MOT1543	21-263
MOT861	303-1277
MOT863	303-735
KM6203	6204
KM6204	6205
KM6205	9997122
KM6031	999-7122

Opel/Renault engine locking tool



Engine locking tool for Opel, Renault, Nissan 2.0 dCi and 2.0 CDT1 Diesel engines. Complete kit for locking engines, adjusting cams and tensioning.

Description	Article No
Opel/Renault engine locking tool	K 10554

Content	
OEM	
09953-05010	KM956-1
EN-48330	MOT1766
EN-48331	MOT1769
EN-48332	MOT1770
EN-48334	MOT1773
KM6130	MOT1970

Opel engine locking tool



Engine locking tool for Opel gasoline engines with chain drive, 1.0-12V and 1.2-16V. Complete kit for locking engines, camshafts and tensioners.

Description	Article No
Opel engine locking tool	K 10532

Content	
OEM	
KM952	KM954
KM953	KM955

Opel engine locking tool



Camshaft locking tool for Opel 2.0, 2.2 16V Ecotec engines.

Description	Article No
Opel engine locking tool	K 10571

Content
OEM
KM853

Saab engine locking tool



Engine locking tool for Saab 9-3/9-5 with 2.2DTi, D223L, and Opel Ecotec 2.0 and 2.2 engines in Vectra-B, Sintra, Zafira, Frontera-B. Complete kit for locking engines, camshafts, pumps and tensioners.

Description	Article No
Saab engine locking tool	K 10533

Content	
OEM	
8395337	KM927
8395352	KM929
8395386	KM932
8395394	KM933
9395394	

Subaru holding tool



Sprocket holding wrench for Subaru.

Description	Article No
Subaru holding tool	K 10569

Content	
OEM	
9995433	

VAG holding tool



Holding tool for VAG. For use on 1.6 FSi and 1.8 turbo engines, etc.

Description	Article No
VAG holding tool	K 10566

Content	
OEM	
T10172	

Citroen/Peugeot holding tool



Tool for adjusting the camshaft during belt replacement on Citroen, Peugeot 1.4, 1.6 gasoline engines.

Description	Article No
Citroen/Peugeot holding tool	K 10565

Content	
OEM	
0132AE	4533-TZ

Volvo holding tool



Holding tool for Volvo. Used on series 30, 40, 50, 60, 70, 80 and 90.

Description	Article No
Volvo holding tool	K 10570

Content	
OEM	
9995433	

HOLDING TOOLS



Universal holding tool



Adjustable holding tool compatible with numerous vehicle makes.

Description	Article No
Universal holding tool	K 10563

Content	
OEM	
3036	15-030A
5199	15-30-A
9880	205-072
9995199	6016T
9995645	999-5199
9995705	999-5645
1822146000	999-5705
1822155000	MOT799
184212800	MP1-216
1860831000	U20002
1860885000	

Holding tool, universal



Universal holder for camshaft sprocket, pump sprocket, etc., when tightening attachment bolt.

Length mm	Article No
330	K 222

Holder for belt pulleys



For holding belt pulleys when tightening center bolt.

Type	Article No
Multirib belt	K 214
V-belt	K 217

VAG tension tool



Tool for adjusting timing belts on a wide range of VAG engines.

Description	Article No
VAG tension tool	K 10568

Content	
OEM	
T10020	MatraV159

VAG tension tool



Tool for locking tensioners for timing belts/drive belts on a wide range of VAG gasoline and Diesel engines.

Description	Article No
VAG tension tool	K 10573

Content	
OEM	
T10060	T40011
T10060A	T40098
T10115	303-1054
T20167	

VAG tension tool



Tool for adjusting timing belts on a wide range of VAG engines.

Description	Article No
VAG tension tool	K 10574

Content	
OEM	
T10092	

Fiat/Peugeot tension tool



Tool for locking tensioners. Used on Fiat/Peugeot 2.5 and 2.8 Diesel engines.

Description	Article No
Fiat/Peugeot tension tool	K 10572

Content	
OEM	
1860638000	

TENSION TOOLS



Opel 41 mm tension tool



Tool for adjusting water pumps on Opel engines.

Description	Article No
Opel 41 mm tension tool	K 10552

Content
OEM
KM421A

Renault tension tool



Tool for adjusting timing chains on Renault engines.

Description	Article No
Renault tension tool	K 10564

Content
OEM
MOT1135

Citr/Peug/Mini tension tool



Tool for adjusting timing chains on Citroen, Peugeot and BMW/Mini engines.

Description	Article No
Citr/Peug/Mini tension tool	K 10559

Content
OEM
119340
119341

Light vehicles

Heavy vehicles

Workshop equipment

Socket tools

Socket wrench sets

Wrenches

Screwdriver tools

Pliers

Impact tools

Sharp-edged tools

Storage

Oil filler funnel



Makes oil filling easier by securing the funnel in the oil filler hole with spring-loaded universal mountings compatible with most vehicles.

Description	Article No
Oil filler funnel	K 10630

Technical data	
Material	Black/clear plastic
Length mm	280
Diameter at top mm	120
Mounting Diameter	35 - 70

Oil extractor, 6.5 liters



Suitable for draining all types of oil from cars, motorcycles, boat engines, stationary engines and industrial machines. Can also be used to bleed brake systems and drain other fluids with low viscosity, e.g. water. Powered by pneumatic or manual pumping. Made from composite material and supplied with 1 complete brake bleed hose, 1 container connection hose and 2 extension hoses of Ø 6.7 mm and Ø 4.5 mm.

Description	Article No
Oil extractor, 6.5 liters	K 10655

Technical data	
Volume L	6.5
Fluid temperature °C	1 - 95
Working pressure bar	3 - 12
Weight kg	3.1
Length x width x height mm	320 x 240 x 440

Content	
Type	Dimension
Container including air connection, non-return valve and hand pump	6.5 l
Hose for bleeding brake systems, silicone	1.5 m
Hose with container connection, nylon, Ø 9.8 mm	1 m
Extension hose, nylon, Ø 6.7 mm	1 m
Extension hose with control wire, nylon, Ø 4.5 mm	1 m

OIL SERVICE TOOL



Oil filler, 5L



For filling gearboxes, differentials, etc. with oil. Quick, easy and controllable filling operations. Supplied with pressure gage and hanging bracket. Operates using overpressure for pumping up to 1.7 bar max. Can be supplemented with a filler pipe set or separate filler pipes.

Description	Article No
Oil filler, 5L	K 10600

Technical data	
Volume L	5
Max. pressure bar	1.7
Hose	1.5m

Filler pipe set



Set of 11 filler pipes/adapters to facilitate oil filling operations, for example, on gearboxes and differentials. For use with the K 10600 oil filler and suitable for most vehicle models.

Description	Article No
Filler pipe set for K 10600	K 10601

Content
Filler pipe, straight, 55 mm
Filler pipe, straight, 85 mm
Filler pipe, with elbow, 150 mm
Filler pipe, with short elbow, 140 mm
Filler pipe, with elbow, 140 mm
Filler pipe, straight, 110 mm
Filling adapter M30
Filling adapter M24
Filling adapter M22
Filling adapter M12
Filling adapter with hose, M18

Oil filter socket, Ø 64.5-14



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- Lexus engines from 2006. Among others, ES, GS, IS, LS RX.
- Toyota V6-engines 2007-2008

Points	Type	Article No
14	1 step	K 136

Oil filter socket, Ø 65/67-14



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- Daihatsu • Toyota
- etc.

Points	Type	Article No
14	2 step	K 123

Oil filter socket, Ø 64.5-14



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- Fits:
- Lexus 4-cylinder engines 2006-
 - Toyota 4-cylinder engines 2007-

Points	Type	Article No
14	1 step	K 137

Oil filter socket, Ø 66-6



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- Fiat (e.g. Punto 1,2)
- Renault (e.g., Clio 1,2; Express; Kangoo; Rapid; Twingo)
- etc.

Points	Type	Article No
6	1 step	K 101

Oil filter socket, Ø 65-14



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- Fiat • Daihatsu • Nissan • Toyota
- etc.

Points	Type	Article No
14	1 step	K 115

Oil filter socket, Ø 67-14



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- Mazda • Ford
- etc.

Points	Type	Article No
14	1 step	K 116

Oil filter socket, Ø 72-14



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- Toyota • Mini Diesel
- etc.

Points	Type	Article No
14	1 step	K 117

Oil filter socket, Ø 74/76-15



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- VW-Audi • Mercedes • Opel
- etc.

Points	Type	Article No
15	2 step	K 118

Oil filter socket, Ø 74-8



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- Fiat (e.g. Marea)
- Lancia (e.g., Delta)
- etc.

Points	Type	Article No
8	1 step	K 102

Oil filter socket, Ø 74-30



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- Ford
- etc.

Points	Type	Article No
30	1 step	K 127

Oil filter socket, Ø 76-14



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- Audi (e.g. A3 TDI)
- BMW (E36 with 4 cyl. Motor)
- Citroën • Fiat • Ford • Lancia • Mazda
- Mercedes (e.g., CDI Engines, C-and E-class with 4-and 6-cyl. gasoline engines)
- Nissan • Opel • Peugeot • Porsche • Renault • Toyota
- VW (e.g., Golf IV TDI)
- etc.

Points	Type	Article No
14	1 step	K 119

Oil filter socket, Ø 75/77-15



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- Ford • Opel
- etc.

Points	Type	Article No
15	2 step	K 126

Oil filter socket, Ø 76-12



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- Fiat (e.g. Ducato, Scudo, Ulysee)
- Mercedes (with Purflux Filter LS 918)
- Renault (e.g., Megane, Laguna Espace III, Trafic 1,9 Diesel, Master 1,9 Diesel.)
- Honda (e.g., Prelude BA4 2,0 16V Motor)
- Opel (e.g., Vivaro)
- etc.

Points	Type	Article No
12	1 step	K 103

Oil filter socket, Ø84-14



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- Dodge Sprinter
- Mercedes-Benz E320
- Jeep Cherokee, V6, Diesel

Points	Type	Article No
14	1 step	K 138

Oil filter socket, Ø 79-15



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- Ford • Honda • Isuzu • Mazda • Nissan
- Opel • Subaru • Toyota
- etc.

Points	Type	Article No
15	1 step	K 120

Oil filter socket, Ø 86-16



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- BMW (e.g., 316i, 318i from 01, etc.)
- Volvo (e.g., S40, S70)
- etc.

Points	Type	Article No
16	1 step	K 104

Oil filter socket, Ø 80/82-15



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- Honda • Mazda • Nissan • Subaru • Toyota
- etc.

Points	Type	Article No
15	2 step	K 124

Oil filter socket, Ø 86-18



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- VW (e.g., Golf III/ Passat-96 with TDI-engine)
- Audi (e.g., A6-96 with TDI-engine 85 kW / 115 PS)
- Renault (e.g., Clio; Rapid 1,9 D and Laguna, Safrane; Espace III 2,1 D)
- etc.

Points	Type	Article No
18	1 step	K 105

Oil filter socket, Ø 89-15



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- Honda • Isuzu • Mitsubishi
- etc.

Points	Type	Article No
15	1 step	K 125

Oil filter socket, Ø 93-15



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- Alfa Romeo • Fiat • Ford • Honda • Mazda • Mitsubishi
- Nissan • Opel • Porsche • Renault • Volvo • VW • Audi
- etc.

Points	Type	Article No
15	1 step	K 121

Oil filter socket, Ø 92-10



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- Fiat (e.g. Cinquecento, Coupé, Croma, Pocha, Regata, Ritmo, Seicento, Tempra and Tipo)
- Lancia (e.g., Beta, Dedra, Kappa, Monte Carlo, Prisma, Thema and Trevi)
- etc.

Points	Type	Article No
10	1 step	K 106

Oil filter socket, Ø 93-45



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- VW-Audi (Diesel, TDI and 2,4/ 2,6 and 2,8 L engine)
- etc.

Points	Type	Article No
45	1 step	K 107

Oil filter socket, Ø 92-36



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- Ford
- etc.

Points	Type	Article No
36	1 step	K 122

Oil filter socket, Ø 96-18



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- Audi (e.g. A4 with TDI engine)
- VW (e.g. Touareg with V 10 TDI engine, Passat 97-with TDI engine)
- Renault (e.g. Laguna; Safrane; Espace III 2,2 D
- R19; Rapid and Megane 1,9 / 2,1 D / TD)
- Opel (e.g., Movano 2,5 / 2,8 D / TD)
- Renault (e.g. Master 2,5/ 2,8 D/TD)
- etc.

Points	Type	Article No
18	1 step	K 108

Oil filter socket, Ø 100-15



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- Isuzu • Mitsubishi
- etc.

Points	Type	Article No
15	1 step	K 128

Oil filter socket, Ø 106-15



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- Fiat (e.g. Ducato 2,5 D/ TD)
- etc.

Points	Type	Article No
15	1 step	K 109

Oil filter socket, Ø 108-15



3/8

Profiled oil filter socket for removing and installing oil filter housing for replacement of oil filter element.

- Volvo (e.g., C70/S70/V70 – TDI Turbo Diesel, 850 TDI Turbo Diesel)
- etc.

Points	Type	Article No
15	1 step	K 110

Oil filter socket, 27 mm.



3/8 CV

For removing and installing oil filter housing for replacement of oil filter element.

- Mercedes
- Smart

Dimension mm	Article No
27	K 129

Oil filter socket, 32 mm.



3/8 CV

For removing and installing oil filter housing for replacement of oil filter element.

- Opel, e.g., X10XE, X12XE, Y17DT, Y17DTL Engines
- Mercedes LV e.g., OM 364, OM 366 Engines
- etc.

Dimension mm	Article No
32	K 130

Oil filter socket, 36 mm



3/8 CV

For removing and installing oil filter housing for replacement of oil filter element.

- Mercedes Diesel engines OM604, OM605, OM606
- BMW engines M52 (6-cyl.), M60 (8-cyl.), M70 (12-cyl.)
- VW VR6-engine, Mini One/ Cooper/ Cooper S
- Volvo Diesel (5-cyl) D5244T4

Dimension mm	Article No
36	K 131

Oil filter socket set, 13-piece



3/8 1/2

Profiled oil filter sockets for removing and installing oil filter housing for replacement of oil filter element. Also fits over ordinary oil filters.

Description	Article No
Cup type oil filter socket set, 13 pieces	K 100

Content Dimension Ø mm	Points	Contents	Stock no.
86	18	• VW • Audi • Renault • etc.	K 105
96	18	• Audi • VW • Renault • Opel • etc.	K 108
93	45	• VW • Audi • etc.	K 107
66	6	• Fiat • Renault • etc.	K 101
76	12	• Fiat • Mercedes • Renault • Honda • Opel • etc.	K 103
108	18	• Renault • etc.	K 111
106	15	• Fiat • etc.	K 109
74	8	• Fiat • Lancia • etc.	K 102
92	10	• Fiat • Lancia • etc.	K 106
86	16	• BMW • Volvo • etc.	K 104
108	15	• Volvo • etc.	K 110
--	--	• Adapter 1/2" - 3/8"	K 113
--	--	• Oil filter tool with 3-claws Ø 65 - 120 mm	K 112

Oil filter socket set, 15-piece



3/8 1/2

Profiled oil filter sockets for removing and installing oil filter housing for replacement of oil filter element.

Description	Article No
Cup type oil filter socket set, 15 pieces	K 114

Content Dimension Ø mm	Points	Contents	Stock no.
74	14	• Audi • BMW • Citroën • Fiat • Ford • Lancia • Mazda • Mercedes • Nissan • Opel • Peugeot • Porsche • Renault • Toyota • VW • etc.	K 119
75-77	15	• Ford • Opel • etc.	K 126
74-76	15	• VW-Audi • Mercedes • Opel • etc.	K 118
91	15	• Alfa Romeo • Fiat • Ford • Honda • Mazda • Mitsubishi • Nissan • Opel • Porsche • Renault • Volvo • VW Audi etc.	K 121
79	15	• Ford • Honda • Isuzu • Mazda • Nissan • Opel • Subaru • Toyota • etc.	K 120
74	30	• Ford • etc.	K 127
92	36	• Ford • etc.	K 122
64	14	• Fiat • Daihatsu • Nissan • Toyota • etc.	K 115
65-67	14	• Daihatsu • Toyota • etc.	K 123
72	14	• Toyota • Mini Diesel • etc.	K 117
67	14	• Mazda • Ford • etc.	K 116
80-82	15	• Honda • Mazda • Nissan • Subaru • Toyota • etc.	K 124
89	15	• Honda • Isuzu • Mitsubishi • etc.	K 125
100	15	• Isuzu • Mitsubishi • etc.	K 128
		• Adapter 1/2" - 3/8"	K 113

Oil filter wrench, 27 mm



1/2

Oil filter wrench for Ford Diesel Duratorq and Citroen and Peugeot TDCi-HDi engines from 2010 onwards, etc.

Dimension mm	Article No
27	K 10671

Oil filter wrench, 32 mm



Oil filter wrench for Opel 2.0 and 2.2 gasoline engines from 2010 onwards, etc. OEM number KM-6150.

Capacity mm	Article No
32	K 10672

Oil filter wrench, 46 mm



1/2

Oil filter wrench for VAG Haldex differentials. OEM number T10066.

Dimension mm	Article No
46	K 10670

Adapter



3/8 1/2

Description	Article No
Adapter oil filter	K 113

Oil filter wrenches, Ø 60-98 mm



3/8

Compact oil filter tool for fast and simple removal of oil filters.

Capacity Ø mm	Article No
60-80	K 135
80-98	K 134

Oil filter wrench, Ø 45-75 mm



3/8 1/2

Oil filter tool for removing small oil filters.

Capacity Ø mm	Article No
45-75	K 133

Oil filter wrench, Ø 65-110 mm



3/8 1/2

Oil filter wrench 50 mm long, knurled claws of hardened, chromed steel.

Capacity Ø mm	Article No
65-110	K 6251

Oil filter pliers, self-locking



CrV

Self-locking multifunction pliers with adjustable opening and quick-release.

Capacity Ø mm	Article No
53-118	K 142

Oil filter wrench, nylon



1/2

Oil filter tool with nylon strap for removal of oil filter.

Capacity Ø mm	Article No
0-150	K 132

Tool for oil plugs, VAG



Designed to be used with a 1/4" 6-point socket. Suitable for oil plugs on VAG 4 cylinder generation 3 engines, for example Golf VII, Audi, Seat Leon. Even suitable for plugs in cam housing to be found in 1.6 and 2.0 VAG Diesel Twin Cam engines. Equivalent to OEM T10549.

Description	Article No
Tool for oil plugs, VAG	K 10679

Oil filter wrench, chain



1/2

Oil filter tool with chain for removing oil filters.

Capacity Ø mm	Article No
120	K 143

Oil plug socket, XZN, VAG, mm



1/2 CrMo

Black-annealed oil plug socket for Audi and VW, among others. A3, A4, Golf 4, and VW LT.

Dimension	Length mm	Article No
16 TP-XZN	60	K 203

Bit sockets for oil plugs, 4-point



Bit sockets for oil plugs, 4-point

Dimension mm	Length mm	Article No
8	43	K 22103
10	43	K 22104

Bits sockets for oil plugs, 6-point, mm



Bits sockets for oil plugs, 6-point, mm

Dimension mm	Length mm	Article No
8	43	K 22094
10	43	K 22095
11	43	K 22096
12	43	K 22097
13	43	K 22098
14	43	K 22099
17	43	K 22100
19	43	K 22101
3/8"	43	K 22102

Socket bits set for oil plug, 12-piece



Special bits sockets for oil plugs. The bits do not bottom out in the oil plug, instead the socket has solid contact against the oil plug. Dimensions: 225x130x40 mm.

Description	Article No
Socket bits set for oil plug, 12-piece	K 25002

Content
9 pieces 6-point sockets, 8, 3/8", 10, 11, 12, 13, 14, 17, 19 mm
2 pieces square sockets, 8, 10 mm
1 piece adapter for 3/8" tools

SPECIAL PLIERS



Hose plier set, 3-piece



Self-locking pliers for closing off water, air, and fuel hose with slip-protection on jaws. Made of spark-free, reinforced rugged plastic.

Description	Article No
Hose pliers, 3 pieces	K 228

Content	
Quantity pieces	Dimension Ø mm
1	11-19
1	22-42
1	22-60

Hose plier set, 2-piece



Self-locking pliers for closing off water, air, and fuel hose with slip-protection on jaws. Made of spark-free, reinforced rugged plastic.

Description	Article No
Hose pliers, 2 pieces	K 257

Content	
Quantity pieces	Dimension Ø mm
2	22-42

Pliers set for fuel lines

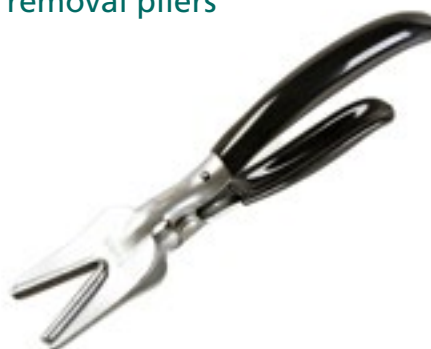


For removing fuel line connections on most cars.

Description	Article No
Pliers set for fuel lines, 3 pieces	K 231

Content	
Quantity pieces	Dimension Ø mm
1	8
1	10
1	GM-Opel

Hose removal pliers



For fast and simple removal of rubber or plastic hose from fuel or vacuum line at the transition to a pipe.

Dimension Ø mm	Article No
4-13	K 237

Hose clamp tool



For fast and easy tensioning and cutting of hose clamps for installation on driveshaft gaiter.

Length mm	Article No
210	K 256

Clamp pliers



Crimping pliers for installing ear hose clamps in hard-to-reach places where the pliers are used in parallel with the hose clamp.

Length mm	Article No
240	K 229

Hose clamp cutter



Pliers with an angled head for cutting stainless steel hose clamp on shaft gaiters, cooling and fuel hoses.

Length mm	Article No
220	K 232

Clamp pliers, Corbin



Pliers with lock function for installing and removing spring hose clamps (Corbin). Jaws are articulated to facilitate access. Jaws with "+" slot.

Length mm	Article No
220	K 234

Clamp tool



For installing CV-clamps with specified tightening torque. Especially important when installing thermoplastic boot gaiters and their rugged stainless straps. Used together with 3/8" torque wrench.

Length mm	Article No
280	K 10201

Clamp pliers, V-slot



Pliers with lock function for installing and removing spring hose clamps. Jaws are articulated to facilitate access. Jaws with "V"-slot.

Length mm	Article No
220	K 235

SPECIAL PLIERS



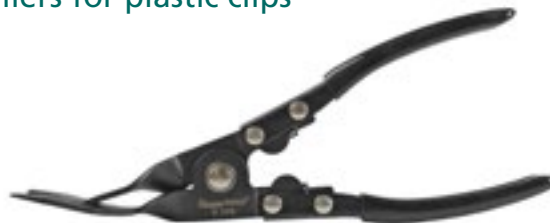
Clamp pliers, Mobeas



Pliers with lock function for installing and removing spring hose clamps (Mobeas). The jaws are articulated to facilitate use in inaccessible positions.

Length mm	Article No
220	K 236

Pliers for plastic clips



Pliers for removing door panels and other interior trim attached with plastic clips.

Length mm	Article No
240	K 226

Clamp pliers, VAG



For installing and removing hose clamps with spring-action, with pointed ends, on modern VAG 2.0 TDI engines: BKD. Among others, VW Passat from 2005, Touran, Golf V, SKODA Octavia, AUDI A3. Especially suited for the hard-to-reach lower radiator hose, with the 630 mm flexible wire. Max. clamp diameter: 55 mm

Length mm	Article No
630	K 10203

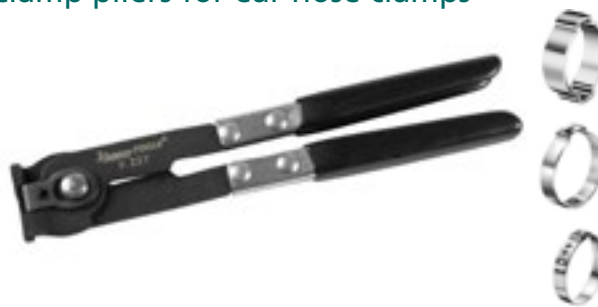
Removal pliers, exhaust system



Removal pliers for exhaust system suspension mounts. Makes the removal of exhaust system rubber suspension mounts much easier and saves time.

Length mm	Article No
360	K 10231

Clamp pliers for ear hose clamps



Crimping pliers for installing ear hose clamps. Also suitable for installing Perma-Quick clamps.

Length mm	Article No
240	K 227

Brake pipe pliers



Bending pliers for brake pipes made of copper or steel. Especially suitable for part adjustment on the vehicle. For pipe dimensions: 1/4" 3/16" 4.75 mm 6.00 mm

Length mm	Article No
230	K 10200

Clamp pliers for hose clamps without ears



Crimping pliers for installing hose clamps without ears.

Length mm	Article No
240	K 230

Clamp pliers for spring hose clamps



For installing and removing flat hose clamps in hard-to-reach places with a long flexible wire with lock function.

Length mm	Article No
630	K 233

Clamp pliers, Click and Click-R



For installing and removing reusable Click clamps. Spring-loaded.

Length mm	Article No
220	K 255

PULLERS



Ball joint separator, 19 mm



CrV

Universal separator for ball joints, etc.

Grip width mm	Article No
19	K 158

Ball joint separator



CrV

Universal separator for ball joints.

Grip width mm	Type	Weight kg	Article No
18	Passenger car	0.3	K 6070
23	Truck	0.5	K 6071

Ball joint separator, 20 mm



CrV

Universal separator for ball joints, etc.

Grip width mm	Article No
20	K 162

Ball joint separator



CrMo

Universal separator for ball joints, etc.

Grip width mm	Article No
24	K 163
39	K 10740

Ball joint separator, 120 mm



CrV

Universal separator for ball joints, etc.

Grip width mm	Article No
120	K 161

Fork separator, short



Tapered fork separator for ball joints.

Grip width mm	Length mm	Article No
18	200	K 159

Fork separator, long



Tapered fork separator for ball joints.

Grip width mm	Length mm	Article No
18	410	K 157

Puller, two-jaw, reversible



The jaws can be slid and locked in position on the crossbar. Reversible for inner or outer grip. Jaws with a large contact surface.

Outer span mm	Inner span mm	Max. clamping depth mm	Capacity ton	Article No
90 - 140	20 - 80	85	2	K 10153
90 - 180	20 - 120	85	2	K 10154
130 - 250	20 - 160	140	6	K 10155
130 - 290	20 - 200	140	6	K 10156
180 - 380	25 - 250	170	15	K 10157

Puller, two-armed, external



External two-armed self-gripping puller. Can be used with the K 10173 slide hammer. Replaceable shear pin protects against overloading.

Clamping Width mm	Max. clamping depth mm	Capacity ton	Article No
12 - 90	70	0,9	K 10150
14 - 160	125	0,9	K 10151
15 - 225	170	1,3	K 10152

Puller, three-armed, external



External three-armed pullers, self-gripping. Can be used with slide hammer K 10173. Replaceable shear pin protects against overloading

Clamping Width mm	Clamping depth mm	Capacity ton	Article No
12 - 140	145	3	K 10158
20 - 180	200	4	K 10159
30 - 280	250	4	K 10160

PULLERS



Puller, three-armed, internal



Internal, three-armed self-gripping puller. Can be used with the K 10173 slide hammer. Replaceable shear pin protects against overloading.

Clamping Width mm	Clamping depth mm	Capacity ton	Article No
60 - 135	140	3	K 10167
60 - 180	190	4	K 10168

Hydraulic puller set



Hydraulic multifunction puller with adjustable jaws for internal or external gripping. Can be used with two or three jaws.

Clamping Width mm	Max. clamping depth mm	Capacity ton	Article No
100 - 240	150	10	K 160

Bearing puller plates



Bearing puller plates for use with puller sets (K 10373 - K 10375) to form stable and secure pullers for cylindrical/external grips, e.g. on bearing races.

Dimension Ø mm	Article No
5 - 60	K 10370
15 - 110	K 10371
15 - 150	K 10372

Bearing puller sets



Bearing puller sets for use with puller plates (K 10370 - K 10372) to form stable and secure pullers for cylindrical/external grips, e.g. on bearing races.

Dimension mm	Article No
60	K 10373
110	K 10374
150	K 10375

Crossbar for press cylinder on K 10374



The crossbar enables the use of K 10194 hydraulic press cylinder on the K 10374 puller.

Description	Thread	Article No
Crossbar for press cylinder on K 10374	M 38	K 10397

Puller for wiper arms



Two-jaw universal puller for wiper arms. Designed to cope with built-in wiper nozzles

Width mm	Article No
13 - 45	K 10175

Puller set for wiper arms



The universal puller for wiper arms comes with two pairs of jaws, in order to adapt to different designs for wiper arm attachment.

Description	Article No
Puller set for wiper arms	K 10176

Content	Width mm	Maximum clamping depth mm
Type	0-60	50
2 special jaws		

Puller set for windshield wiper arms



A universal special puller set for windshield wiper arms. Contains an sliding hammer, a spindle puller and pressure parts.

Content	Article No
Puller set for windshield wiper arms, 8 pieces	K 258

PULLERS



Steering wheel puller



Two-jaw steering wheel puller, for use on Opel, Ford and a number of other car brands.

Width mm	Max. clamping depth mm	Article No
35	74	K 10174

Puller for belt pulleys



Compact pullers to facilitate dismounting of ribbed belt pulleys.

Width mm	Article No
32 - 160	K 10177

Puller set for belt pulleys, 8 parts



Universal puller set for ribbed belt pulleys. All jaws can be combined.

Description	Article No
Puller set for belt pulleys, 8 pieces	K 10178

Content	Width mm	Maximum clamping depth mm
1 crossbar	40-130	
1 crossbar	80-220	
2 straight jaws		30
2 straight jaws		75
2 curved jaws		30

Cam pulley puller



Universal puller for cam pulleys, can also be used for injector pump wheels. Compact design for use in tight spaces. Can be used with two or three arms.

Description	Article No
Cam pulley puller	K 10149

Hydraulic press tool set



Hydraulic press tool set for press mounted ball joints.

Description	Article No
Hydraulic press tool set, 8 pieces	K 10193

Content	Length mm	Width mm
Type		
1 frame	340	115
1 hydraulic press cylinder		
2 extensions for press frame	125	
1 adapter	29	
1 extension for hydraulic cylinder	29	
1 extension for hydraulic cylinder	35	
1 extension for hydraulic cylinder	85	

Bushing press tool set

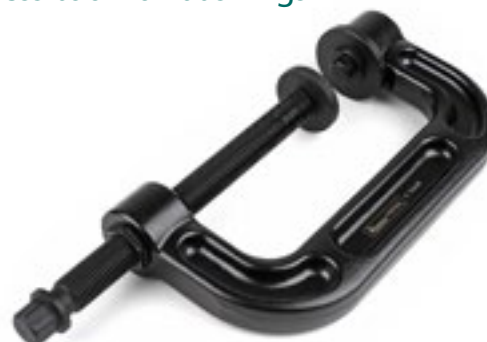


Universal press tool set for dismounting and mounting of silent bearings, bushings and shaft seals. The sleeves can also be used in workshop presses.

Description	Article No
Bushing press tool set, 28 pieces	K 10188

Content	Diameter, outer sleeves mm	Diameter, inner sleeves mm	Thread mm
Type			
20 press sleeves	44-82	34-72	
4 step discs			
1 pulling spindle with nut			M12x340
1 pulling spindle with nut			M14x340
1 pulling spindle with nut			M16x340
1 pulling spindle with nut			M18x340

Press tool for bushings



For dismounting and mounting ball studs and bushings without holes, etc. Can be used with a impact wrench. Compatible with sockets in set K 10188, hydraulic press cylinder K 10194 and extension K 10197, K 10198 and centering socket K 10199.

Clamping depth mm	Article No
245	K 10249

PULLERS



CV joint puller, universal



Special tool for dismounting of CV joints, universal.

Inner diameter mm	Article No
135	K 10187

Extension bolts, M14, 4 pieces



For wheel hubs without studs

Description	Article No
M14 extension bolts	K 10356

Disc for wheel hub puller



Wheel hub disc for puller. 10 holes, made for 3, 4 and 5 wheel hubs, thread M38, used in combination with slide hammer K 10190, K 10191 and K 10192 or hydraulic press cylinder K 10194.

Mounting Diameter	Outer diameter mm	Height mm	Article No
96 - 138	164	90	K 10189

Hydraulic press cylinder



Hydraulic press cylinder, 12 tons, outer thread M38 x 95 mm.

Outer thread	Hydraulic working range mm	Capacity ton	Article No
M38 x 95	14	12	K 10194

Extension bolts, M12, 4 pieces



M12 extension bolts for wheel hub pullers without studs. Used with wheel hub K 10189.

Description	Article No
M12 extension bolts	K 10355

Slide hammer adapter



Adapter for use between slide hammer and puller disc with M20/M38 thread. Used in combination with slide hammer K 10190 and wheel hub disc K 10189.

Length mm	Article No
90	K 10192

Slide hammer shaft



Slide hammer shaft, M20 thread, for use with hammer K 10191.

Length mm	Article No
935	K 10190

Hammer for slide hammer



Hammer for slide hammer for variable weight – 3, 6 or 9 kg. For use with K 10190.

Weight kg	Article No
3-9	K 10191

Press tool for wheel bearings



Universal press tool set for dismounting and mounting wheel bearings. Avoids damage to the bearings during mounting. For bearing diameters of 60 to 85 mm. Fits, among others VW, Audi, Seat, Ford, Opel, BMW.

Description	Article No
Press tool for wheel bearings, 23 pieces	K 10204

Content	Diameter, inner mm	Diameter, outer mm	Thread mm
8 bearing rings		60-85	
8 bearing center		34-45	
1 disassemble housing	90		
1 housing adapter, outer	90		
1 housing adapter, inner	70-80		
1 pulling spindle with nut			M12 x 340
1 outer spindle adapter			
1 inner spindle adapter, with bearing			

PULLERS



Puller for inner bearing race



When dismantling a wheel hub, the inner bearing race often remains on the axle. This tool has been developed to remove the inner bearing race quickly and efficiently. Various methods where grinders, chisels or gas welding are used increases the risk of injury. The tool set can be used for removing inner bearing races with diameters between 40 and 61 mm.

Description	Article No
Puller for inner bearing race	K 10638

Content
Puller tool
Grip socket Ø 40-45mm
Grip socket Ø 45-51mm
Grip socket Ø 50-55mm
Grip socket Ø 55-61mm
Wrench Ø 58.9mm
Wrench Ø 82.7mm

Hydraulic cylinder, 17 tons



Hydraulic cylinder for removing and fitting wheel bearings, drive shafts, wheel hubs, bushings, etc. The hollow piston cylinder works with press as well as pull spindles, and can be combined with different spindles, adapters and sockets. Used in combination with the hydraulic foot pump K 22501. The cylinder comes with an adapter and a hose connection.

Description	Article No
Hydraulic cylinder, 17 tons	K 22500

Content
Hydraulic cylinder, 17 ton
Adapter, 3/8" x 1/4"
Hose connection, 1/4"

Hydraulic foot pump



The hydraulic pump K 22501 is used in combination with hydraulic cylinder K 22500. The pump is powered by air-pressure and operated via a foot pedal. Pump is supplied with adapter, pressure gage and hose.

Description	Article No
Hydraulic pump	K 22501

Content
Hydraulic foot pump, compressed air-powered
Adapter
Pressure gage
Hose 2.5 m

Adapter 2 1/4"-14 UNS to 2 1/4"-14 UNS



Use in combination with hydraulic piston K 22500 and puller disk K 22506.

Description	Article No
Adapter 2 1/4"-14UNS t 2 1/4"	K 22507

Disk for wheel hub



Used in combination with hydraulic cylinder K 22500. 8 hole for 3, 4 and 5 wheel bolts.

Description	Article No
Disk for wheel hub	K 22506

Press spindle



M20 x 350 mm. Used in combination with hydraulic cylinder K 22500 and pulling tools.

Description	Article No
Press spindle, M20 x 350 mm	K 22511

Pressure piece



For removing drive shafts. 20 mm pin diameter. Used as part of hydraulic cylinder K 22500 accessories .

Description	Article No
Pressure piece	K 22512

PULLERS



Adapter 2 1/4"-14UNS-M20



Use in combination with a slide hammer with M20 thread and puller disk K 22506.

Description	Article No
Adapter 2 1/4"-14UNS - M20	K 22515

Pull spindle



M20 x 570 mm. Used in combination with hydraulic cylinder K 22500 and pulling tools.

Description	Article No
Pull spindle, M20 x 570 mm	K 22510

Socket adapter



Adapter with bearing. Used in combination with hydraulic cylinder K 22500 and pulling tools.

Description	Article No
Socket adapter	K 22509

Pressure plate



For generation II wheel bearings. Used in combination with hydraulic cylinder K 22500 and bearing puller for generation II wheel bearings. Internal thread, 2 1/4"-14 UNS.

Description	Article No
Pressure plate	K 22508

Clamping nut



Clamping nut M20, external diameter, Ø29 and 29.9 mm

Description	Article No
Nut 29/29.9 mm	K 22505

Light vehicles

Heavy vehicles

Workshop equipment

Socket tools

Socket wrench sets

Wrenches

Screwdriver tools

Pliers

Impact tools

Sharp-edged tools

Storage

Push rods, set



Push rods for type II wheel bearing removal/fitting sets.

Description	Length mm	Article No
Push rods, set, 78-82 mm	78-82	K 22513
Push rods, set, 62-72 mm	62-72	K 22514

Basic tool set for wheel bearings, generation II



On many new cars, bearings and wheel hubs are assembled as a single unit. In these cases special tools are needed to avoid damaging the bearing. This basic set can be supplemented with either fitting or removal tools adapted to the vehicle's specific bearing diameter. The basic set is suitable for 62-72 mm diameter bearings.

Description	Article No
Basic set	K 10347

Content
1 piece mounted spindle
1 piece nut
1 piece pressure plate
5 pieces push rods

Removal set, 62 mm wheel bearings



On many new cars, bearings and wheel hubs are assembled as a single unit. In these cases special tools are needed to avoid damaging the bearing. This set can be used to remove 62 mm diameter bearings. Used in combination with K 10347 basic set/ K 22508.

Fits, among others: Audi A2 00-/ VW Lupo 99-

Description	Article No
Removal set	K 10348

Content
1 piece 62 mm clamping ring
2 pieces fitting jaws

Fitting set, 62 mm wheel bearings



On many new cars, bearings and wheel hubs are assembled as a single unit. In these cases special tools are needed to avoid damaging the bearing. This set can be used to fit 62 mm diameter bearings. Used in combination with K 10347 basic set/ K 22508.

Fits, among others: Audi A2 00-/ VW Lupo 99-

Description	Article No
Installation kit	K 10349

Content
1 piece 62 mm clamping ring
2 pieces fitting jaws

Removal set, 66 mm wheel bearings



On many new cars, bearings and wheel hubs are assembled as a single unit. In these cases special tools are needed to avoid damaging the bearing. This set can be used to remove 66 mm diameter bearings. Used in combination with K 10347 basic set/ K 22508.

Fits, among others: Skoda Fabia 00-/ VW Fox, Polo 02-

Description	Article No
Removal set	K 10350

Content
1 piece 66 mm clamping ring
2 pieces fitting jaws

Removal set, 72 mm wheel bearings



On many new cars, bearings and wheel hubs are assembled as a single unit. In these cases special tools are needed to avoid damaging the bearing. This set can be used to remove 72 mm diameter bearings. Used in combination with K 10347 basic set/ K 22508.

Fits, among others: Audi / Seat / Skoda / VW 00-

Description	Article No
Removal set	K 10352

Content
1 piece 72 mm clamping ring
2 pieces fitting jaws

Fitting set, 66 mm wheel bearings



On many new cars, bearings and wheel hubs are assembled as a single unit. In these cases special tools are needed to avoid damaging the bearing. This set can be used to fit 66 mm diameter bearings. Used in combination with K 10347 basic set/ K 22508.

Fits, among others: Skoda Fabia 00-/ VW Fox, Polo 02-

Description	Article No
Installation kit	K 10351

Content
1 piece 66 mm clamping ring
2 pieces fitting jaws

Fitting set, 72 mm wheel bearings



On many new cars, bearings and wheel hubs are assembled as a single unit. In these cases special tools are needed to avoid damaging the bearing. This set can be used to fit 72 mm diameter bearings. Used in combination with K 10347 basic set/ K 22508. Fits, among others: Audi / Seat / Skoda / VW 00-

Description	Article No
Fitting set	K 10353

Content
1 pc. Compression ring 72 mm
2 pieces Fitting jaws

Wheel bearing tool, 78 mm wheel bearing



For safe installation and/or removal of 78 mm generation II wheel bearings. On many new cars, bearings and wheel hubs are assembled as a single unit. In these cases special tools are needed to avoid damaging the bearing. This set can be used to remove and fit 78 mm diameter bearings.

Fits, among others: Ford Focus 04-/ Mazda 3 03-/ Volvo C30, C70, S40, V50

Description	Article No
Wheel bearing tool	K 10354

Content
1 piece spindle
1 piece nut
1 piece pressure plate
1 piece bearing guide
1 piece 78 mm clamping ring
4 pieces push rods
2 pieces fitting jaws
2 pieces fitting jaws

Removal set, 82 mm wheel bearings



Because bearings and bearing hubs are now integral, special tools are required to prevent damage to the bearing. This set can be used to remove 82 mm diameter bearings. Used in combination with hydraulic cylinder K 22500 or basic set K 10598.

Fits, among others: Volvo V70 III, S60 II, V 60, S 80II (10/2007), XC 60, XC70 II, Ford S-Max, Mondeo (2006-)

Description	Article No
Removal set	K 10594

Content
1 82 mm pressure ring
2 fitting jaws

Fitting set, 82 mm wheel bearings



Because bearings and bearing hubs are now integral, special tools are required to prevent damage to the bearing. This set can be used to remove 82 mm diameter bearings. Used in combination with hydraulic cylinder K 22500 or basic set K 10598.

Fits, among others: Volvo V70 III, S60 II, V 60, S 80II (10/2007), XC 60, XC70 II, Ford S-Max, Mondeo (2006-)

Description	Article No
Fitting set	K 10595

Content
1 82 mm pressure ring
2 fitting jaws

PULLERS



Slide hammer



Used with K 10150-K 10152, K10158-K 10160, K 10167-K 10168 pullers. Thread M16x200 mm.

Length mm	Weight kg	Article No
660	2.6	K 10173

Locking pliers puller



With its 1.3 kg slide hammer, this locking pliers puller is an excellent tool for removing rusty screws, locking pins, cotter keys, dents, etc. The pliers have serrated jaws and integrated side cutters for welding rods, etc.

Length mm	Article No
610	K 1161

Bearing and seal driver set



The set contains a drift and nine aluminum pressure discs that fit most common bearings and pack boxes.

Dimension Ø mm	Article No
40, 44, 50, 59, 63, 65, 72, 76, 81	K 212

Bearing and stuffing box tool



Adjustable tool for fitting bearing races and stuffing boxes.

Dimension mm	Article No
18-90	K 10650

Stud bolt extractor set, mm



Four stud bolt extractors made of chrome vanadium steel with hex wrench grip and inside 1/2" drive.

Description	Article No
Stud bolt extractor set, 4 pieces	K 179

Content	Capacity mm	Length mm
	6	60
	8	60
	10	69
	12	69

Stud bolt extractor, mm



Four stud bolt extractors made of chrome vanadium steel with hex wrench grip and inside 1/2" drive.

Length mm	Capacity mm	Article No
60	6	K 180
60	8	K 181
69	10	K 182
69	12	K 183

Screw extractor bits for Hex head and Torx*



Screw extractor bits in S2 steel for removing worn Hex head and Torx screws.

Dimension mm	Length mm	Article No
3	25	K 20076
4	25	K 20077
5	25	K 20078
6	25	K 20079
7	25	K 20080
8	25	K 20081
10	25	K 20082
12	25	K 20083

* Torx® is a registered trademark of Acument Intellectual Properties LLC.

Screw extractor set, Hex head and Torx*



Screw extractor set for removing worn Hex head and Torx screws. The kit contains 8 screw extractors in S2 steel. Dimensions: 3-12 mm

Description	Article No
Screw extractor set, Hex head and Torx	K 20075

Content
Dimension mm
3
4
5
6
7
8
10
12

* Torx® is a registered trademark of Acument Intellectual Properties LLC.

PULLERS



Screw extractor set, M5-M16



For removing broken screws, M5-M16. A drill guide is used to drill a hole in the screw remaining in the hole. The screw extractor is tapped securely in the hole without the screw expanding.

Description	Article No
Screw extractor set	K 20074

Content
5 drills
10 drill guides
5 drivers

Screw extractor set



Screw extractor set

Dimension	Article No
M3-M18	K 186

Screw extractor set, 2-10 mm



3/8

Screw extractor set 2-10 mm med 3/8" fitting. For effective removal of sheared-off bolts. The set consists of 6 bolt extractors made of special-alloy steel.

Description	Article No
Screw extractor set	K 187

Content
1 piece 2 mm extractor
1 piece 3 mm extractor
1 piece 4 mm extractor
1 piece 6 mm extractor
1 piece 8 mm extractor
1 piece 10 mm extractor

Adapter set for brake caliper tools, universal



The set contains two universal-type adjustable adapters for back adjustment of brake pistons on newer vehicles, including vehicles with electric handbrakes.

Description	Article No
Adapter set for brake tools, universal	K 25090

Content
Universal two-pin adapter
Universal three-pin adapter

Brake wrenches, mm



Wrenches with slot for pipe/hose. Suitable for brake pipes and AC pipes.

Dimension mm	Article No
10x11	K 2956
12x13	K 2957

Brake wrench set, mm



Wrenches with slot for pipe/hose. Suitable for brake pipes and AC pipes.

Description	Article No
Brake wrench set, 2 piece	K 2952

Content
Dimension mm
10x11
12x13

Flange nut wrenches, flexible



Flexible wrenches with slot for pipe/hose. Suitable for brake pipes and AC pipes.

Dimension mm	Article No
7	K 10730
8	K 10731
10	K 10732
11	K 10733
12	K 10734
13	K 10735

BRAKE TOOLS



Brake caliper tool, pneumatic



Complete set for retracting brake pistons without damage to pistons or rubber gaiters. The set contains a basic tool with a compressed air cylinder that pushes out a journal supplied with 15 adapters. Both for left and right hand threaded caliper.

Content	Article No
Brake caliper tool, 16 pieces	K 244

Brake caliper tool



Complete set for retracting brake pistons without damage to the piston or rubber gaiter. The set contains a basic tool and 9 adapters as well as a pressure plate.

Content	Article No
Brake caliper tool , 11 pieces	K 239

Brake caliper tool, universal



1/2

For easy retraction of brake pistons without damage to the piston or rubber gaiter.

Clamping Width mm	Article No
0 - 65	K 240

Disc brake pad puller



Sliding hammer for removing brake pads.

Length mm	Article No
260	K 242

Brake spring tool



For removing and installing return springs for brake shoes.

Length mm	Article No
320	K 241

Tool for brake spring washers



For removing and installing large and small brake spring washers. Knurled shaft for a better grip.

Length mm	Article No
235	K 243

Brake pipe flaring tool



Handy tool for clamping in a vice. For single and double flaring. Complete set for pipe dimensions: 4.75 mm, 3/16", 1/4", 5/16", 3/8".

Content	Article No
6 pieces	K 218

Brake flaring tool, portable



Hydraulic tool for flaring brake pipes directly on vehicle. For SAE or DIN, single or double flaring. Complete with tools, punch, and jaws for copper pipes 4.75, 5, 6 mm.

Description	Article No
Brake flaring tool, portable	K 264

Pipe cutter, 3-22 mm



Small and handy pipe cutter for copper and brass pipes. With automatic stop to save the cutting wheel.

Grip width mm	Article No
3-22	K 260

Brake pipe pliers



Bending pliers for brake pipes made of copper or steel. Especially suitable for part adjustment on the vehicle. For pipe dimensions: 1/4" 3/16" 4.75 mm 6.00 mm

Length mm	Article No
230	K 10200

BRAKE TOOLS



Bending tool for brake pipes



Bending tool for copper pipes and thin-walled steel pipes.

Max. bend angle degrees	Pipe dimensions mm	Article No
90	6,8,10	K 10232

Bit socket for brake calipers, Hex head, 9 mm



Description	Article No
Bit socket for brake calipers, Hex head	K 10686

Brake caliper file



Double-sided coarse file for cleaning brake calipers before fitting new brake pads.

Length mm	Article No
200	K 10678

5-point socket for brake calipers, 19 mm



Description	Article No
5-point socket for brake calipers, 1/2"	K 10685

Honing tool



Three-armed honing tool for honing of brake cylinders. Used together with drill with variable speed. Grain size 200.

Length mm	Capacity Ø mm	Article No
28	19-69	K 238

Bit sockets for brake calipers, Hex head, mm



Description	Article No
Bit sockets for brake calipers, Hex head	K 10684

Content
1 pcs. 7 mm bit socket
1 pcs. 8 mm bit socket

Brake bleeder, 2 L



Pneumatic brake bleeder, 2 L.
 Economical-enables quick and easy handling for bleeding by one person.
 Versatile-compatible with most standard brake systems.
 Clean - holds up to 2 liters of brake fluid without spills.
 Quiet - equipped with silencer.

Description	Article No
Brake bleeder	K 9875

Technical data	
Hose	1 meter with universal nipple
Air connection	1/4"
Air Consumption l/m	57
Working pressure bar	3 - 12
Length x width x height mm	220 x 185 x 250

Brake fluid filler, 1 L



Practical filler bottle that automatically fills brake fluid to the correct level. 1 liter volume.

Description	Article No
Brake fluid filler	K 9876

Brake fluid tester



Pen-style tester, providing an easy way to check if there is water in the brake fluid. Impact-resistant design. Produced according to the CE-directive. Intended for DOT 2-DOT 3-DOT 4. 5-diode indicator. Powered by 1 x 1.5V AAA. Auto shut-off after 12 seconds.

Description	Article No
Brake fluid tester	K 10346

Five pcs ABS reamer set



When replacing the ABS sensor, the cleaning of the sensor position is made easier with these reamers. The 5 different reamers in this set will fit the most common car makes on the market.

Description	Article No
Five pcs ABS reamer set	K 10244

Content	
1 x reamer, 10 x 150 mm for VW and Audi, amongst others	
1 x reamer, 14 x 32 mm for BMW and Mercedes, amongst others	
1 x reamer, 15 x 23 mm for Mercedes and Ford, amongst others	
1 x reamer, 18 x 23 mm and 18 x 34 mm for Audi, VW, BMW, Mercedes, Peugeot and Renault, amongst others	

BRAKE TOOLS



Brush for brake calipers, steel



Brake caliper brush, steel.

Description	Article No
Brake caliper brush, steel	K 10648

Brush for brake calipers, brass



Brake caliper brush, brass.

Description	Article No
Brake caliper brush, brass	K 10649

Pipe cutter with ratchet function, 28-67 mm



Cut thin-walled steel pipes, copper pipes, and PVC pipes without having to rotate the entire tool. Perfect for confined spaces and excellent for cutting exhaust pipes on cars.

Grip width mm	Article No
28-67	K 254

Pipe cutter, 3-30 mm



Sturdy pipe cutter for copper and brass pipes. With automatic stop to save the cutting wheel, and folding deburring device.

Grip width mm	Article No
3-30	K 261

Camber tool, BMW



This tool enables fast, accurate adjustment of the front axle assembly's camber angles. Camber angles are adjusted by carefully aligning the spring strut's upper fixing points. Professional, accurate adjustment of the camber angles is almost impossible without this tool.

Article No
K 10636

Content
Camber tool for BMW E87, E46, E38, E39, E65, E66, E70, E83, E85

Camber tool, BMW



This tool enables fast, accurate adjustment of the front axle assembly's camber angles. Camber angles are adjusted by carefully aligning the spring strut's upper fixing points. Professional, accurate adjustment of the camber angles is almost impossible without this tool.

Article No
K 10637

Content
Camber tool for BMW E60, E61, E63, E64

Tool set for self-adjusting clutch (SAC)



Complete set for assembling and disassembling self-adjusting clutches (SAC). Suitable for clutches with 3-4 fixing points, e.g. VW-Audi, BMW, Mercedes, Volvo, Opel, Renault, etc. The tool set prevents damage to the SAC and enables the clutch plate to be centered, even on vehicles without crankshaft guide bearings. Replacing a clutch without using an SAC tool usually results in deformation or damage to the clutch, causing disengagement problems or shattering. A clutch which is incorrectly mounted or deformed is defective, and must be replaced.

Description	Article No
Tool set for self-adjusting clutch (SAC)	K 10635

Content Type	Quantity	Dimension
Clamping plate	1 pc.	
Face spanner	1 pc.	
Press spindle	1 pc.	
Centering tool	1 pc.	19.75 mm
Centering tool	1 pc.	20.75 mm
Centering tool, stepped	1 pc.	19/15/14 mm
Centering tool, stepped	1 pc.	22/20/15 mm
BMW centering tool	1 pc.	15 x 23 mm
BMW centering tool	1 pc.	15 x 28 mm
BMW centering tool	1 pc.	15 x 34 mm
BMW centering tool	1 pc.	15 x 26.5 mm
BMW centering tool	1 pc.	15 x 32.5 mm
Resetting tool	1 pc.	
Press spindle handle	2 pcs.	
Nuts for threaded bolts	4 pcs.	
Threaded bolt set	4 pcs.	M6x1
Threaded bolt set	4 pcs.	M8x1.25
Threaded bolt set	4 pcs.	M7x1

Dismounting tool for spring strut



The tool is adjustable and is therefore suitable for steering joints with centered and non-centered slits. Can be used on a number of vehicles including Audi/ Volkswagen/ Skoda/ Seat/ BMW/ Ford/ Citroen/ Renault/ Peugeot as well as Japanese vehicles.

Clamping Width mm	Article No
21 - 75	K 10186

McPherson spring compressor set



Complete, universal spring compressor for all McPherson spring struts. Max. load 3.8 tons. 3 different spring clamp pairs with a stroke of 300 mm. Approved for impact wrenches.

Description	Article No
Spring compressor set, 8-piece	K 470

Content	Dimension mm
2pcs spring clamp	110
2pcs spring clamp	150
2pcs spring clamp	195
1pc spring clamp	453
1pc adapter	

Spring clamp, McPherson



Extra big spring clamps for Spring compressor set K 470. For, among others, BMW 7-series E38 / Chrysler / Renault.

Dimension Ø mm	Article No
180 - 240	K 471

Spring compressor set for wishbone and multilink suspensions



A universal telescopic spring compressor with three-point locking mechanism for quick and safe removal/fitting of coil springs on wish bone and multi-link springs without removing the axle. The tool enhances safety while facilitating work, saving a great deal of time.

Description	Article No
Spring compressor set for wishbone and multilink suspensions	K 472

Content	Diameter mm
Spring clamp with small center hole	32
Spring clamp with large center hole	70 - 130
Spring clamp with small center hole	90 - 150
Spring clamp with large center hole	90 - 150
Spindle	

Coil spring compressor



1/2

With 1/2" drive and outside 21 mm hex socket for socket wrench.

Grip width mm	Article No
230	K 152
370	K 154

Tension tool, MacPherson



A tool which solves the problem by pulling out and holding the piston rod on the MacPherson spring strut with tensioned stop springs. The tool holds shock absorbers extended without risking scratches on the surface of the piston rod and allows simple, quick and safe assembly during spring replacement, for example.

Description	Article No
Tension tool, MacPherson	K 10633

Content
1 x internal thread base ring
1 x telescopic extension pipe
1 set clamping jaws with nylon clamp surfaces
1 x handle
1 set clamp bolt
1 x hex head T-handle, 6mm

Tool set for shock absorbers



1/2

Comprehensive tool set for removing and replacing shock absorbers.

Description	Article No
Tool set for shock absorbers	K 10632

Content
Socket ø10.5 x 22mm, 3.5mm heel
Socket ø12.5 x 22mm, 3.5mm heel
Socket ø14.5 x 22mm, 5mm heel
Socket ø14.x 22mm, 3mm heel
Bit socket 5 x 60mm 1/2"
Bit socket 5 x 47mm 1/2"
Socket ø15.x 22mm, 5mm heel
Socket ø12.5 x 15,5mm, 3mm heel

Wrench for inner steering joint



1/2

CrMo

A smooth, powerful tool for removing and fitting inner steering joints. 1/2" drive for ratchet wrench. For steering rods from 25 to 55 mm.

Handgrip	Article No
25 – 55	K 225

Nut splitters



Set of four nut splitters.

Description	Article No
Nut buster 4-piece	K 184

Content	Dimension mm
Contents pieces	
1	9-12
1	12-16
1	16-22
1	22-27

Installation tools



Specially designed for body work such as removing and installing moldings, door upholstery, and door clips mm. Made of durable nylon material.

Description	Article No
Installation tools, 5-piece	K 245

Hook tool set



CrV

Hook tool with ergonomic handle and 4 different types of replaceable hooks.

Hook length mm	Diameter mm	Article No
83	3,5	K 1932

Seal puller



The tool makes removing seals so much easier. Two hook sizes and a head, which can be adjusted in five positions, enable it to fit most seal sizes and the adjustable head increases accessibility, for example, for front crankshaft seal or trans shafts on front-wheel drive vehicles.

Description	Article No
Seal puller	K 10651

Wheel nut wrench, telescopic



1/2 CrV

Chromed and extendible to 550 mm. Reversible socket.

Dimension mm	Capacity mm	Article No
17x19	330-550	K 4539

Wheel nut wrench, telescopic, 2 sockets



1/2 CrV

Chromed and extendible to 550 mm. 2 reversible sockets.

Dimension mm	Capacity mm	Article No
17x19, 21x22	330-550	K 4542

Impact sockets with protection, mm



Black-annealed, thin-walled sockets for good access. With external protection for rims and internal protection for cap nuts. Intended for torques up to 700 Nm.

Dimension mm	Color	Article No
17	Blue	K 8817
19	Yellow	K 8819
21	Red	K 8821
22	Green	K 8822

Impact socket set with protection, mm



Black tempered 6-point sockets in chrome molybdenum steel for impact wrenches, etc. Thin walled for good accessibility. With external protection for rims and internal protection for cap nuts. Intended for torques up to 700 Nm.

Description	Article No
Impact socket set with protection	K 25080

Content	
Dimension mm	Color
17	Blue
19	Yellow
21	Red

Impact sockets with protection, reinforced, mm



Extra reinforced six-point sockets for impact wrenches, etc. Thin walled for good accessibility with external protection for rims and internal protection for cap nuts. Intended for torques up to 700 Nm. Superior durability compared to sockets without reinforcement ring.

Dimension mm	Color	Article No
17	Blue	K 25082
19	Yellow	K 25083
21	Red	K 25084

Impact socket set with protection, reinforced, mm



Extra reinforced six-point sockets for impact wrenches, etc. Thin walled for good accessibility with external protection for rims and internal protection for cap nuts. Intended for torques of up to 700 Nm. Superior durability compared to sockets without reinforcement ring.

Description	Article No
Impact socket set with protection, reinforced, mm	K 25081

Content	
Dimension mm	Color
17	Blue
19	Yellow
21	Red

MB wheel bolt socket



1/2 CrMo

Wheel bolt socket for modern Mercedes Benz vehicles. CL-GLK-ML-S-class from 2010 onwards. Compatible with MB new "hex convex" OEM wheel bolts: 000 990 5407. For impact wrenches, etc. Thin walled for good accessibility. Intended for torques up to 700 Nm.

Dimension mm	Length mm	Article No
17	80	K 25085

Torque bars with fixed socket, mm



1/2

Torque bars of alloy steel that restrict the tightening torque to the desired level when using impact wrenches. Recommended for quick assembly of vehicle rims without overloading. NOTE! Not for loosening. The color code indicates socket diameter and preset torque level.

Color	Capacity Nm	Article No
Green	75	K 8370
Red	110	K 8371
Yellow	90	K 8372
Blue	110	K 8373
Gray	135	K 8374
Black	80	K 8375
Orange	110	K 8376

Torque bar set with fixed socket



1/2

Torque bars of alloy steel that restrict the tightening torque to the desired level when using impact wrenches. Recommended for quick assembly of vehicle rims without overloading. NOTE! Not for loosening. The color code indicates socket diameter and preset torque level.

Description	Article No
Torque bar set, 7-piece	K 8993

Content	
Dimension mm	Capacity Nm
2x17, 3x19, 2x21	75-135

Fuel filter wrench, 108 mm



3/8

Fuel filter wrench for Citroen, Peugeot and Renault HDi engines, etc.

Dimension mm	Article No
108	K 10673

Fuel filter wrench, 109 mm



3/8

Fuel filter wrench for Citroen, Peugeot and Renault engines, etc.

Dimension mm	Article No
109	K 10674

Fuel filter tool set



1/2

Fuel filter tool for Chevrolet, Citroen, Fiat, Peugeot, Opel, Saab and Suzuki, etc. The tool can be used to dismantle the filter housing when replacing filter inserts on 1.3, 1.9, 2.0, 2.2, 2.8 and 3.0 Diesel engines. The set includes a holding tool and a filter bowl tool with a 115 mm socket.

Dimension mm	Article No
115	K 10675

Tank sensor tool



Tool for removing fuel tank sensors. 3-arm tool.

Dimension mm	Article No
75-160	K 10676

Cutting pliers



Single-component insulation for work at voltages up to 1000 volts.

Produced and tested in accordance with international standard IEC900 and VDE norm DIN EN60 900.

Each tool undergoes a series of tests prior to approval: 10,000-volt load for 3 minutes (10 times higher than normal use)

- Heat/flame test
- Penetration load test
- Drag/restraint test

DIN standard pliers: 5746

Length mm	Article No
160	K 10454

Combination pliers



Single-component insulation for work at voltages up to 1000 volts.

Produced and tested in accordance with international standard IEC900 and VDE norm DIN EN60 900.

Each tool undergoes a series of tests prior to approval: 10,000-volt load for 3 minutes (10 times higher than normal use)

- Heat/flame test
- Penetration load test
- Drag/restraint test

DIN standard pliers: 5746

Length mm	Article No
180	K 10453

Wire strippers



Single-component insulation for work at voltages up to 1000 volts.

Produced and tested in accordance with international standard IEC900 and VDE norm DIN EN60 900.

Each tool undergoes a series of tests prior to approval: 10,000-volt load for 3 minutes (10 times higher than normal use)

- Heat/flame test
- Penetration load test
- Drag/restraint test

DIN standard pliers: 5746

Length mm	Article No
160	K 10455

Slot screwdrivers



Single-component insulation for work at voltages up to 1000 volts.

Produced and tested in accordance with international standard IEC900 and DIN EN60 900.

Each tool undergoes a series of tests prior to approval: 10,000-volt load for 3 minutes (10 times higher than normal use)

- Heat/flame test
- Penetration load test
- Drag/restraint test

DIN standard chisel: 5262

Dimension mm	Blade length mm	Article No
2.5	75	K 10486
4	125	K 10487
5	125	K 10488
6	150	K 10489

Phillips screwdrivers



Single-component insulation for work at voltages up to 1000 volts.
 Produced and tested in accordance with international standard IEC900 and DIN EN60 900.
 Each tool undergoes a series of tests prior to approval:
 10,000-volt load for 3 minutes (10 times higher than normal use)
 Heat/flame test
 Penetration load test
 Drag/restraint test
 DIN standard chisel: 5262

Dimension	Blade length mm	Article No
PH0	60	K 10482
PH1	80	K 10483
PH2	125	K 10484
PH3	150	K 10485

Torx* screwdrivers



Single-component insulation for work at voltages up to 1000 volts.
 Produced and tested in accordance with international standard IEC900 and DIN EN60 900.
 Each tool undergoes a series of tests prior to approval:
 10,000-volt load for 3 minutes (10 times higher than normal use)
 Heat/flame test
 Penetration load test
 Drag/restraint test
 DIN standard chisel: 5262

Dimension	Blade length mm	Article No
T20	100	K 10479
T25	100	K 10480
T30	125	K 10481

* Torx® is a registered trademark of Acument Intellectual Properties LLC.

Open-end wrenches, mm



Single-component insulation for work at voltages up to 1000 volts.
 Produced and tested in accordance with international standard IEC900 and DIN EN60 900.
 Each tool undergoes a series of tests prior to approval:
 10,000-volt load for 3 minutes (10 times higher than normal use)
 Heat/flame test
 Penetration load test
 Drag/restraint test

Dimension mm	Article No
10	K 10456
11	K 10457
12	K 10458
13	K 10459
14	K 10460
15	K 10461
17	K 10462
19	K 10463
22	K 10464
24	K 10465

Ratchet wrench



Single-component insulation for work at voltages up to 1000 volts.
 Produced and tested in accordance with international standard IEC900 and DIN EN60 900.
 Each tool undergoes a series of tests prior to approval:
 10,000-volt load for 3 minutes (10 times higher than normal use)
 Heat/flame test
 Penetration load test
 Drag/restraint test

Length mm	Article No
195	K 10466

Extension



3/8

Single-component insulation for work at voltages up to 1000 volts.

Produced and tested in accordance with international standard IEC900 and DIN EN60 900.

Each tool undergoes a series of tests prior to approval: 10,000-volt load for 3 minutes (10 times higher than normal use)

Heat/flame test

Penetration load test

Drag/restraint test

Length mm	Article No
100	K 10467

Knife



Single-component insulation for work at voltages up to 1000 volts.

Produced and tested in accordance with international standard IEC900 and VDE norm DIN EN60 900.

Each tool undergoes a series of tests prior to approval: 10,000-volt load for 3 minutes (10 times higher than normal use)

Heat/flame test

Penetration load test

Drag/restraint test

Length mm	Blade length mm	Article No
200	50	K 10490

Sockets, mm



3/8

Single-component insulation for work at voltages up to 1000 volts.

Produced and tested in accordance with international standard IEC900 and DIN EN60 900.

Each tool undergoes a series of tests prior to approval: 10,000-volt load for 3 minutes (10 times higher than normal use)

Heat/flame test

Penetration load test

Drag/restraint test

Dimension mm	Length mm	Article No
8	27	K 10468
9	27	K 10469
10	27	K 10470
11	27	K 10471
12	27	K 10472
13	27	K 10473
14	27	K 10474
17	29	K 10475
19	29	K 10476
22	30	K 10477
24	30	K 10478

Voltage tester



Voltage tester pen. ABS casing and 3.5 mm chisel tips in steel.

Capacity V	Length mm	Article No
100-250	190	K 10491

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Workshop equipment

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Sharp-edged tools

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Socket for hub nuts, 80 mm



CrMo

Socket for Scania hub nuts, etc. 80 mm, 8-point with 41 mm 6-point drive.

Dimension mm	Length mm	Article No
80	102	K 10742

Socket for BPW hub cover, 95 mm



3/4 CrMo

Socket for hub cover on BPW axles. 95 mm.

Dimension mm	Length mm	Article No
95	70	K 10749

Socket for hub nuts, 100 mm



3/4 CrMo

Socket for Scania rear hub nuts, etc. 100 mm, 8-point.

Dimension mm	Length mm	Article No
100	84	K 10743

Socket for BPW hub cover, 110 mm



CrMo

Socket for hub cover on BPW axles. 110 mm, with 41 mm, 6-point drive.

Dimension mm	Length mm	Article No
110	94	K 10745

Socket for hub cover, 115 mm



3/4 CrMo

Socket for Volvo front/rear hub cover, etc. 115 mm, 8-point.

Dimension mm	Length mm	Article No
115	81	K 10744

Socket for hub nuts, 74 mm



3/4 CrMo

Socket for hub nuts on e.g. VW, Mercedes, Opel, Renault, 74 mm toothed.

Dimension mm	Length mm	Article No
74	25	K 10746

SPECIAL SOCKETS



Socket for lock nut, 80-95mm



3/4

Socket for lock nuts on MB Atego, Vitaro 814 and MAN, 80-95mm.

Dimension mm	Length mm	Article No
80-95	175	K 10747

Socket for lock nut, 133-145 mm



Socket for lock nuts on TGA axles. 133-145 mm with 60 mm 6-point drive.

Dimension mm	Length mm	Article No
133-145	155	K 10748

Socket for removing ball joints



Socket for removing ball joints on steering rods and tensile links after the cone is loosened. Can be used with a nut impact wrench. Shaft for 36 mm socket.

Description	Article No
Socket for removing ball joints	K 10750

Ball joint separator



Universal separator for ball joints.

Grip width mm	Type	Weight kg	Article No
23	Truck	0.5	K 6071

Ball joint separator



Universal separator for ball joints, etc.

Grip width mm	Article No
24	K 163
39	K 10740

Puller, two-jaw, reversible



The jaws can be slid and locked in position on the crossbar. Reversible for inner or outer grip. Jaws with a large contact surface.

Outer span mm	Inner span mm	Max. clamping depth mm	Capacity ton	Article No
130 - 290	20 - 200	140	6	K 10156
180 - 380	25 - 250	170	15	K 10157

Puller, two-armed, external



External two-armed self-gripping puller. Can be used with the K 10173 slide hammer. Replaceable shear pin protects against overloading.

Clamping Width mm	Max. clamping depth mm	Capacity ton	Article No
15 - 225	170	1,3	K 10152

PULLERS



Puller, three-armed, external



External three-armed pullers, self-gripping. Can be used with slide hammer K 10173. Replaceable shear pin protects against overloading

Clamping Width mm	Clamping depth mm	Capacity ton	Article No
30 - 280	250	4	K 10160

Bearing puller plates



Bearing puller plates for use with puller sets (K 10373 - K 10375) to form stable and secure pullers for cylindrical/external grips, e.g. on bearing races.

Dimension Ø mm	Article No
15 - 150	K 10372

Puller, three-armed, internal



Internal, three-armed self-gripping puller. Can be used with the K 10173 slide hammer. Replaceable shear pin protects against overloading.

Clamping Width mm	Clamping depth mm	Capacity ton	Article No
60 - 180	190	4	K 10168

Bearing puller sets



Bearing puller sets for use with puller plates (K 10370 - K 10372) to form stable and secure pullers for cylindrical/external grips, e.g. on bearing races.

Dimension mm	Article No
150	K 10375

Impact wrench 3/4"



Heavy-duty impact wrench for the toughest jobs. High power and low sound level in a compact and handy format. Suitable for jobs with trucks and other heavy vehicles. Powerful Twin Hammer impact mechanism in a steel hammer housing. Adjustable working torque and simple forward and reverse control.

Description	Article No
Impact wrench 3/4"	K 9804

Technical data	
Revolutions rpm	6000
Max. torque Nm	1898
Air connection	3/8" NPT
Air Consumption l/m	198
Max. Sound level dBA	87
Length mm	215
Weight g	3300

Impact wrench, 1500 Nm, 3/4"



An extra powerful impact wrench for the heaviest tasks, 1500Nm in a compact and smooth format. Suitable for jobs on trucks and other heavy vehicles. Powerful Twin Hammer impact mechanism in a steel hammer housing. Adjustable working torque in three stages for tightening and consistent full loosening power. All settings can be adjusted using one hand.

Description	Article No
Impact wrench 3/4"	K 9831

Technical data	
Revolutions rpm	5000
Max. torque Nm	1500
Air connection	1/4" NPT
Air Consumption l/m	139
Max. Sound level dBA	94.3
Length mm	191
Weight g	2600

Impact wrench 1"



Heavy-duty impact wrench for the toughest jobs. High power and low sound level in a compact and handy format. Suitable for jobs with trucks and other heavy vehicles. Powerful twin hammer impact mechanism inside a steel hammer housing. Adjustable working torque and simple forward and reverse control.

Description	Article No
Impact wrench 1"	K 9805

Technical data	
Revolutions rpm	6000
Max. torque Nm	1898
Air connection	3/8" NPT
Air Consumption l/m	198
Max. Sound level dBA	87
Length mm	223
Weight g	3400

1" impact wrench, straight



For wheel replacement on HGVs and industrial maintenance. Powerful Twin Hammer impact mechanism in a steel hammer housing. Three-stage power setting with integrated forward and reverse adjustment. Short support for optimum access.

Description	Article No
1" impact wrench, straight	K 10385

Technical data	
Revolutions rpm	6000
Max. torque Nm	2400
Air connection	1/2" NPT
Air Consumption l/m	282
Max. Sound level dBA	88
Length mm	324
Weight g	6500

1" impact wrench, straight, long



For tire replacement on HGVs and industrial maintenance. Powerful Twin Hammer impact mechanism in a steel hammer housing. Three-stage power setting with integrated forward and reverse adjustment. 6" extension support.

Description	Article No
1" impact wrench, straight, long	K 10386

Technical data	
Revolutions rpm	6000
Max. torque Nm	2400
Air connection	1/2" NPT
Air Consumption l/m	282
Max. Sound level dBA	88
Length mm	437
Weight g	7300

SOCKET WRENCH SETS 3/4"



Ratchet wrench



3/4 CrV

Knurled, round handle.

Length mm	Article No
500	K 1735

Torque wrench



3/4 CrV

For clockwise tightening of preselected torque with accuracy of $\pm 3\%$. Simple torque settings at Nm and Ft.lbs. in window scale. A distinct snap marks the torque being reached. The set value remains after torque has been reached.

Length mm	Capacity Nm	Article No
845	50-700	K 2743

Ratchet wrench, telescopic



3/4 CrV

Extra long ratchet wrench of chromed chrome vanadium steel. With telescopic handle, up to 770 mm length for extra strength.

Length mm	Article No
490 - 770	K 1739

Flex handle

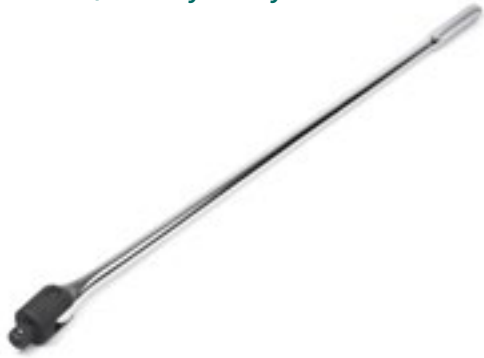


3/4 CrV

Knurled, round handle.

Length mm	Length inch	Article No
500	20	K 1730

Flex handle, Heavy-Duty



3/4 CV

Extra long Heavy-Duty flex handle of chromed chrome vanadium steel. Handles torque up to 1,720 Nm. Round handle.

Length mm	Article No
1000	K 1737

Extension



3/4 CV

Length mm	Article No
200	K 1732
400	K 1733

Sockets, mm



3/4 CV

Dimension mm	Length mm	Article No
22	50	K 1738
24	52	K 1740
26	52	K 1742
27	53	K 1743
30	55	K 1745
32	57	K 1746
36	58	K 1748
38	61	K 1749
41	64	K 1751
46	68	K 1754
50	72	K 1756

Sockets, inch



3/4 CV

Dimension Inch	Length mm	Article No
7/8"	50	K 1759
15/16"	52	K 1760
1"	52	K 1761
1 1/16"	53	K 1762
1 1/8"	55	K 1764
1 1/4"	57	K 1765
1 5/16"	58	K 1766
1 1/2"	61	K 1768
1 5/8"	64	K 1769
1 3/4"	66	K 1770
1 13/16"	68	K 1771
1 7/8"	70	K 1772
2"	72	K 1773

SOCKET WRENCH SETS 3/4"



Crowfoot wrenches, mm



For, e.g., hydraulic pipe connections or pipe joints that are difficult to reach. Chromed 12-point crowfoot wrenches. Square drive (4-point) for extensions, flex handle, or ratchet wrench.

Dimension mm	Article No
36	K 21075
41	K 21076

Impact sockets, mm



Black-annealed sockets. Locking set K 8460 recommended for sockets K 8419 – K 8447. Locking set K 8462 recommended for socket K 8450.

Dimension mm	Length mm	Article No
19	50	K 8419
20	50	K 8420
21	50	K 8421
22	50	K 8422
23	50	K 8423
24	50	K 8424
26	50	K 8426
27	56	K 8427
28	56	K 8428
29	56	K 8429
30	56	K 8430
31	56	K 8431
32	56	K 8432
33	56	K 8433
34	56	K 8434
36	56	K 8436
37	58	K 8437
38	58	K 8438
41	58	K 8441
42	58	K 8442
43	63	K 8443
46	63	K 8446
47	68	K 8447
50	72	K 8450

Impact sockets, long, mm



Black-annealed sockets.

Locking set K 8460 recommended for these sockets.

Dimension mm	Length mm	Article No
19	95	K 8519
20	95	K 8520
21	95	K 8521
22	95	K 8522
23	95	K 8523
24	95	K 8524
26	95	K 8526
27	95	K 8527
28	95	K 8528
29	95	K 8529
30	95	K 8530
31	95	K 8531
32	95	K 8532
33	95	K 8533
34	95	K 8534
36	95	K 8536
37	95	K 8537
38	95	K 8538
41	95	K 8541
42	95	K 8542
43	95	K 8543
46	95	K 8546

Impact sockets, inch



Black-annealed sockets.

Locking set K 8461 recommended for K 10425 – K 10428.

Locking set K 8460 recommended for K 10429 – K 10437.

Locking set K 8462 recommended for K 10438

Dimension Inch	Length mm	Article No
7/8"	53	K 10425
15/16"	53	K 10426
1"	53	K 10427
1 1/16"	53	K 10428
1 1/8"	53	K 10429
1 1/4"	53	K 10430
1 5/16"	57	K 10431
1 1/2"	57	K 10432
1 9/16"	63	K 10433
1 5/8"	63	K 10434
1 3/4"	63	K 10435
1 13/16"	69	K 10436
1 7/8"	69	K 10437
2"	74	K 10438

Extension for power tools



Length mm	Article No
150	K 8924
250	K 8927

SOCKET WRENCH SETS 3/4"



Universal joint for power tools



3/4 CrMo

Locking set K 8460 recommended for this socket.

Drive Inch	Hole	Length mm	Article No
3/4"	3/4"	105	K 8919

Air filter socket for brake systems



Developed for removing air brake filters on heavy vehicles which can be difficult to loosen. Can be used for diameters between 104 and 150 mm. Can also be used to loosen and fit oil filters. Tool is spring-loaded and has a 1/2" shaft or 24 mm 6-point drive.

Description	Dimension mm	Article No
Air filter socket, brake systems	104-150	K 10752

Enlarger for power tools



1 3/4 CrMo

Locking set K 8460 recommended for this socket.

Drive Inch	Hole	Length mm	Article No
1"	3/4"	63	K 8915

Locking sets



Locking sets consisting of pin and O-ring for 3/4" and 1" power tools.

	Article No
	K 8460
	K 8461
	K 8462

Socket for adjusting brake calipers



These sockets can be used for adjusting brake calipers on, for example Scania and Volvo, ADDB22X, SN6, SN7 and SK7. Shaft for 24 mm impact socket.

Description	Dimension mm	Article No
Socket for adjusting brake calipers	26	K 10751

Impact sockets, mm



Black-annealed sockets.
Locking set K 8462 recommended for K 8554 – K 8595.

Dimension mm	Length mm	Article No
24	58	K 8554
27	58	K 8557
28	58	K 8558
29	60	K 8559
30	60	K 8560
32	60	K 8562
33	60	K 8563
34	62	K 8564
36	65	K 8566
38	65	K 8568
41	67	K 8571
42	74	K 8572
43	74	K 8573
46	74	K 8576
47	74	K 8577
50	80	K 8580
52	84	K 8582
55	84	K 8585
56	84	K 8586
60	87	K 8590
65	90	K 8595
70	86	K 8596
75	86	K 8597
80	90	K 8598
85	90	K 8599
90	100	K 8600
95	100	K 8601
105	115	K 10741

Impact sockets, long, mm



Black-annealed sockets.
Locking set K 8462 recommended for these sockets.

Dimension mm	Length mm	Article No
24	100	K 8655
27	100	K 8656
30	100	K 8657
32	100	K 8658
33	100	K 8659
34	100	K 8660
36	100	K 8661
38	100	K 8662
41	100	K 8663
46	115	K 8664

Extension for power tools



Locking set K 8462 recommended for these extensions.

Length mm	Article No
150	K 8936
250	K 8940

SOCKET TOOLS 1"



Universal joint for power tools



1 CrMo

Locking set K 8462 recommended for this socket.

Drive Inch	Hole	Length mm	Article No
1"	1"	133	K 8925

Enlarger for power tools



1 1/2 1 CrMo

Locking set K 8462 recommended for this socket.

Drive Inch	Hole	Length mm	Article No
1 1/2"	1"	90	K 8917

Reducer for power tools



1 3/4 CrMo

Locking set K 8462 recommended for this socket.

Drive Inch	Hole	Length mm	Capacity Nm	Article No
3/4"	1"	75	2000	K 8916

Socket for adjusting brake calipers



These sockets can be used for adjusting brake calipers on, for example Scania and Volvo, ADDB22X, SN6, SN7 and SK7. Shaft for 24 mm impact socket.

Description	Dimension mm	Article No
Socket for adjusting brake calipers	26	K 10751

Air filter socket for brake systems



Developed for removing air brake filters on heavy vehicles which can be difficult to loosen. Can be used for diameters between 104 and 150 mm. Can also be used to loosen and fit oil filters. Tool is spring-loaded and has a 1/2" shaft or 24 mm 6-point drive.

Description	Dimension mm	Article No
Air filter socket, brake systems	104-150	K 10752

Locking sets



Locking sets consisting of pin and O-ring for 3/4" and 1" power tools.

Article No
K 8460
K 8461
K 8462

Socket wrench set, 24-piece, mm



A complete range of robust 1/2" tools, including an extra close-stepped ratchet with 2-component grip. Together they solve many of the problems with bolt sizes from 10 mm all the way up to 32 mm. Dimensions: 320x320x80 mm.

Description	Article No
Socket wrench set, 1/2", mm	K 25008

Content
18 pieces six-point sockets, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm
1 piece ratchet wrench, 250 mm
2 pieces extension, 125, 250 mm
1 piece T-adapter, 3/8"x1/2"
1 piece flex handle with rubber grip, 250 mm
1 piece universal joint

Socket wrench set, 24-piece, inch



A complete range of robust 1/2" tools, including an extra close-stepped ratchet with 2-component grip. Together they solve many of the problems from bolts with inch dimension 3/8" all the way up to 1 1/4". Dimensions: 320x320x80 mm.

Description	Article No
Socket wrench set, 1/2", inch	K 25009

Content
18 pieces six-point sockets, 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 21/32, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4"
1 piece ratchet wrench, 250 mm
2 pieces extension, 125, 250 mm
1 piece T-adapter, 3/8"x 1/2"
1 piece flex handle with rubber grip, 250 mm
1 piece universal joint

SOCKET TOOLS 3/4"



Socket wrench set, 15-piece, mm



Standard ratchet wrench, extra rugged model. Bright chrome sockets. Dimensions: 540x185x80 mm.

Description	Article No
Socket wrench set 3/4" mm	K 4672

Content
10-piece six-point sockets, 22, 24, 27, 30, 32, 36, 38, 41, 46, 50 mm
1 piece ratchet wrench, 500 mm
2-piece extension, 200, 400 mm
1 piece torque wrench handle, 500 mm
1 piece universal joint

Socket wrench set, 15-piece, inch



Standard ratchet wrench, extra rugged model. Bright chrome sockets. Dimensions: 540x185x80 mm.

Description	Article No
Socket wrench set 3/4" inch	K 4673

Content
10-piece twelve-point sockets, 1", 1 1/16, 1 1/8, 1 1/4, 1 5/16, 1 1/2, 1 5/8, 1 3/4, 1 7/8, 2"
1 piece ratchet wrench, 500 mm
2-piece extension, 200, 400 mm
1 piece torque wrench handle, 500 mm
1 piece universal joint

Adjustable wrenches, standard



Adjustable wrench with mm scale, hardened jaws with 10% larger opening width. Extra "tight" mechanism minimizes play. Wider grip for improved comfort. Black-annealed.

Length mm	Length inch	Grip width mm	Article No
450	18	60	K 7268
600	24	60	K 7275

Combination wrenches, mm



Bright chrome and polished combination wrenches with 15° angled ring part.

Dimension mm	Length mm	Article No
23	270	K 10017
24	280	K 10018
25	290	K 10019
26	300	K 10020
27	310	K 10021
28	320	K 10022
29	330	K 10023
30	340	K 10024
32	360	K 10025
33	380	K 1217
36	410	K 1218
38	430	K 1219
41	460	K 1220
46	500	K 1221
50	540	K 1222
55	600	K 10700
60	650	K 10701
65	700	K 10702

Combination wrenches, inch



Bright chrome and polished combination wrenches with 15° angled ring part. Wrenches with inch dimension according to American (ANSI) type.

Dimension Inch	Length mm	Article No
15/16"	280	K 1297
1"	290	K 1298
1 1/16"	310	K 1299
1 1/8"	330	K 1300
1 1/4"	358	K 1301
1 3/8"	400	K 1302
1 7/16"	405	K 1303
1 1/2"	405	K 1304

Double-deep offset wrenches, mm



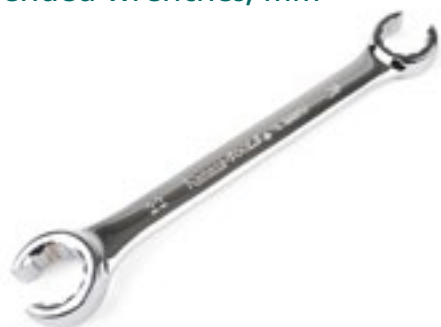
Wrenches with polished chrome finish and with box-ends at both ends. Two dimensions per wrench.

Dimension mm	Length mm	Article No
21x23	295	K 10078
24x26	360	K 10079
24x27	370	K 10080
25x28	370	K 10081
30x32	380	K 10082

WRENCHES



Open-ended wrenches, mm



Bright chrome and polished open-ended wrenches. Two dimensions per wrench.

Dimension mm	Article No
14x15	K 10090
16x17	K 10091
18x19	K 10092
20x22	K 10093
21x23	K 10094
24x27	K 10095
30x32	K 10096

Open-end wrenches, mm



Wrenches with polished chrome finish and with open-end jaw at both ends. Two dimensions per wrench.

Dimension mm	Length mm	Article No
21x23	245	K 10058
22x24	255	K 10059
23x26	275	K 10060
24x27	295	K 10061
30x32	340	K 10062

Impact wrenches



Impact wrenches made from hardened chrome vanadium steel.

Dimension mm	Length mm	Article No
27	175	K 10493
30	190	K 10494
32	190	K 10495
36	210	K 10496
41	230	K 10497
46	250	K 10498
50	280	K 10499
55	300	K 10500
60	320	K 10501
65	340	K 10502
70	370	K 10503
75	380	K 10504
80	400	K 10505
85	400	K 10506
90	450	K 10507
95	450	K 10508
100	490	K 10509

Slogging wrench, boxed



Slogging wrench made from hardened chrome vanadium steel.

Dimension mm	Length mm	Article No
27	175	K 10710
30	185	K 10711
32	185	K 10712
36	210	K 10713
38	210	K 10714
41	230	K 10715
46	230	K 10716
50	250	K 10717
55	270	K 10718
60	270	K 10719
65	300	K 10720
70	320	K 10721
75	330	K 10722
80	350	K 10723
85	360	K 10724
90	390	K 10725

SCREWDRIVER TOOLS



Hex keys, mm



Hex keys, mm

Contains pc/ pack.	Dimension mm	Length mm	Article No
1	14	155	K 1475
1	17	175	K 1476
1	19	200	K 1477

Hex keys, inch



Hex keys, inch

Contains pc/pack.	Dimension Inch	Article No
1	9/16"	K 10412
1	5/8"	K 10413
1	3/4"	K 10414

Water pump pliers



Slip jointed with milled head Forged of nickel chromium steel. Serrated jaws with pipe grip.

Length mm	Grip width mm	Article No
400	105	K 1136

Pipe wrenches



Pipe wrenches with hardened, serrated jaws. Outer grip arm of sturdy sheet metal and inner grip arm of chrome vanadium steel.

Length mm	Grip width mm	Capacity inches	Article No
375	60	1 1/2	K 4835
490	70	2	K 4837

Bolt cutters



With adjustable and exchangeable cutting edges. Grip arms of pressed sheet metal.

Length mm	Capacity mm	Article No
750	13	K 1082
900	16	K 1083

IMPACT TOOLS



Crow bar, 460 mm



CrV

Crow bar with one flat end for breaking and one round, pointed end for centering.

Length mm	Article No
460	K 10279

Breaker bars



With through-blade of alloy steel. Two-component grip with impact protected top. Bent, chisel shaped tip, for optimal power.

Length mm	Blade length mm	Article No
635	460	K 1946

Ball peen hammer, all-forged



All-forged hammer with secure grip, vibration-damping molded rubber handle. With round head and ball.

Weight g	Weight Oz.	Article No
680	24	K 1979

Ball peen hammer



With round head and ball. Hickory shaft.

Weight g	Weight Oz.	Article No
680	24	K 1972

Workshop hammer



Forged square head with peen at an angle to the shaft. Hard-wearing hickory shaft with protective neck.

Weight g	Weight Oz.	Article No
1500	53	K 1986

Hand sledge



With square head and hickory shaft.

Weight g	Weight Oz.	Article No
1000	35	K 5199

Dead-blow hammers

Dead-blow hammers, fully covered in impact-resistant synthetic rubber. Rigid steel shaft with soft grip.

Weight g	Impact diameter mm	Article No
1050	50	K 5202

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Workshop equipment

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Socket tools 1/2"	169		
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Socket tools

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Sharp-edged tools

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Angle grinder 18V, 4 Ah



A Ø 125 mm angle grinder with a powerful 4-pole 18V motor. The machine has an ergonomically designed chassis in composite material and gear box in metal. The machine has a surge protector, constant speed and a low gear housing for good accessibility. Supplied in a plastic box with 2 x 4.0 Ah Li-Ion batteries with a charge indicator and charger.

Description	Article No
Angle grinder, 18V	K 10640

Technical data	
Disc diameter mm	125
Voltage V	18
Battery capacity Ah	4.0
Speed rpm	7000
Weight incl. Battery g	2350
Dimensions LxWxH mm	340x140x90

Content	
1 x Ø 125 mm angle grinder	
2 x 18 V 4.0 Ah batteries	
1 x 18 V rapid charger	

Cordless drill/ driver, 10.8 V, 2 x batteries



A compact, small and lightweight cordless drill and driver with high and low gears, 10.8 V, 1.5 Ah. Ergonomic handle with rubber pad for best grip and LED lighting. Sturdy 10 mm quick chuck with spindle lock function. Powerful motor with replaceable carbon brushes, 10 torque settings and drilling position. Supplied in a plastic box with 2 x 1.5 Ah Li-Ion batteries and charger.

Description	Article No
Cordless drill/driver, 10.8 V, 2 x batteries	K 10614

Technical data	
Quick release mm	10
Voltage V	10.8
Battery capacity Ah	1.5
Max. torque Nm	24
Low gear max.	360
High gear max.	1550
Weight incl. Battery g	1000
Dimensions LxWxH mm	199x55x193

Content	
1 x 10 mm cordless drill/driver	
2 x 10.8 V Li-Ion batteries	
1 x 10.8 V rapid charger	

Cordless drill/ driver, 18 V, 2 x batteries



A strong, compact cordless drill and driver with high and low gears. Sturdy 13 mm quick chuck with spindle lock function. Powerful 18 V motor with replaceable carbon brushes, 16 torque settings and drilling position. Ergonomic handle with rubber pad for best grip. Supplied in a plastic box with 2 x 2.0 Ah Li-Ion batteries with charging indicator and rapid charger.

Description	Article No
Cordless drill/driver, 18V, 2 x batteries	K 10613

Technical data	
Quick release mm	13
Voltage V	18
Battery capacity Ah	2.0
Max. torque Nm	45
Low gear max.	340
High gear max.	1200
Weight incl. Battery g	2000
Dimensions LxWxH mm	230x80x250

Content	
1 x 13 mm cordless drill/driver	
2 x 18 V Li-Ion batteries	
1 x 18 V rapid charger	

Impact wrench, 10.8 V



A very compact and light 3/8" impact wrench with 103 Nm torque, suitable for lighter assembly jobs. Sturdy chassis, handle with rubber inlays, and LED-lighting. Powerful motor with replaceable carbon brushes. Delivered with 1.5 Ah Li-Ion battery and charger.

Description	Article No
Impact wrench, 10.8 V	K 10252

Technical data	
Drive Inch	3/8"
Voltage V	10.8
Battery capacity Ah	1.5
Max. torque Nm	103
Speed rpm	0 - 2 200
Weight incl. Battery g	870
Dimensions LxWxH mm	144x54x192

Content	
1 piece Impact wrench 3/8"	
1 piece Li-Ion battery 10.8 V	
1 piece Rapid charger 10.8 V	

Impact wrench, 18 V



A very powerful 1/2" impact wrench with 539 Nm torque. Extra sturdy impact unit and all-metal gearbox. Powerful motor with replaceable carbon brushes. Sturdy chassis and handle with rubber inlays. Delivered with 3.0 Ah Li-Ion battery with charging indicator and rapid charger.

Description	Article No
Impact wrench, 18 V	K 10253

Technical data	
Drive Inch	1/2"
Voltage V	18
Battery capacity Ah	3.0
Max. torque Nm	539
Speed rpm	0 - 1 800
Weight incl. Battery g	2900
Dimensions LxWxH mm	255x80x270

Content	
1 piece Impact wrench 1/2"	
1 piece Li-Ion battery 18 V	
1 piece Rapid charger 10.8 - 18 V	

Polishing machine, 3"



A small and easy to use polishing machine, ideal for polishing small surfaces, e.g. headlamp lenses. Comfortable throttle with two-finger grip. Powerful motor with adjustable speed. Battery with charge indicator. Supplied with 2 batteries and battery charger.

Description	Article No
3" polishing machine, 10.8V	K 10618

Technical data	
Speed rpm	0 - 3 200
Pad diameter	75mm/ 3"
Voltage V	10.8
Battery capacity Ah	1.5
Weight incl. Battery g	875
Dimensions LxWxH mm	140x55x175

Content	
1 x polishing machine	
1 x pad with velcro fastener	
2 x Li-Ion batteries, 10.8 V	
1 x rapid charger, 10.8 V	

Work light 10.8 V



Handy hangable and foldable work light, with LED-technology that gives powerful lighting with low energy consumption. Durable technology with long intervals between charging, 9 hours of light per charge. Uses the same 10.8 V battery and charger as the small drill/drivers and impact wrenches (battery K 10254, rapid charger K 10257). Delivered without battery and charger.

Description	Article No
Work light, 10.8 V	K 10259

Technical data	
Run time	9
Light intensity	350
Voltage V	10.8
Service life LED	3000
Weight incl. Battery g	500
Dimensions LxWxH mm	300x50x55

Rapid charger 10.8 V



Rapid charger for Kamasa Tools 10.8 V, 1.5Ah Li-Ion battery (K 10254, K 10619). Indicator lights for battery diagnosis. Input voltage 100-240 V.

Description	Article No
Rapid charger 10.8 V	K 10257

Rapid charger 10.8-18 V



Rapid charger for Kamasa Tools Li-Ion batteries 10.8 V (K 10254, K 10619), 14.4 V (K10255) and 18 V (K10256). Input voltage 100-240 V.

Description	Article No
Rapid charger 10.8 - 18 V	K 10258

Rapid charger 18V



Rapid charger for Kamasa Tools Li-Ion batteries 18 V (K10615)

Description	Article No
Rapid charger	K 10616

Battery 10.8V, 1.5Ah



Battery for Kamasa Tools Polishing machine K 10618. Also suitable for K 10614 drill/driver, K 10252 impact wrench and K 10259 work light.

Description	Article No
Battery 10.8 V, 1.5 Ah	K 10254

Battery 10.8V, 1.5 Ah with indicator



Battery for Kamasa Tools Polishing machine K 10618. Also suitable for K 10614 drill/driver, K 10252 impact wrench and K 10259 work light. The battery has a charge indicator.

Description	Article No
Battery with indicator	K 10619

Battery 18 V, 3.0 Ah



Battery for Kamasa Tools impact wrench K 10253. With charging indication.

Description	Article No
Battery 18 V, 3.0Ah	K 10256

Battery 14.4 V, 3.0Ah



Battery for Kamasa Tools drill and driver K 10251. With charging indication.

Description	Article No
Battery 14.4V, 3.0 Ah	K 10255

Battery 18V, 4 Ah



Battery for Kamasa Tools K 10640 angle grinder. With charging indicator.

Description	Article No
Battery cell Li-Ion 18V 4AH	K 10641

18V, 2.0 Ah battery



Battery for Kamasa Tools drill and driver K 10613 . With charging indicator.

Description	Article No
18V, 2.0 Ah battery	K 10615

Cable reel



Heavy-duty cable reel with rubber cable provided with grounded connections at both ends. Max. load: 250V 16A IP44. Provided with overload protection.

Length m	Capacity	Article No
10	16	K 9861

Impact wrench mini 3/8"



Compact impact wrench for tight spaces, but also powerful enough for changing wheels. Suitable for work with brakes, clutches, and exhaust systems. Powerful twin hammer impact mechanism inside a steel hammer housing. Adjustable working torque and easy to use forward and reverse control.

Description	Article No
Impact wrench mini 3/8"	K 9801

Technical data	
Revolutions rpm	10000
Max. torque Nm	339
Air connection	1/4" NPT
Air Consumption l/m	113
Max. Sound level dBA	83
Length mm	153
Weight g	1200

Stubby 1/2" impact wrench



Compact impact wrench with chassis in composite material for low weight and good insulation. Extremely short chassis for optimum accessibility, only 122 mm long. Adjustable working torque for tightening and consistent full loosening power. All settings can be adjusted using one hand.

Description	Article No
Stubby 1/2" impact wrench	K 9827

Technical data	
Revolutions rpm	9000
Max. torque Nm	610
Air connection	1/4" NPT
Air Consumption l/m	120
Max. Sound level dBA	89
Length mm	122
Weight g	1300

Impact wrench mini 1/2"



Compact impact wrench for tight spaces, but also powerful enough for changing wheels. Suitable for work with brakes, clutches, and exhaust systems. Powerful Twin Hammer impact mechanism inside a steel hammer housing. Adjustable working torque and easy to use forward and reverse control.

Description	Article No
Impact wrench mini 1/2"	K 9802

Technical data	
Revolutions rpm	11000
Max. torque Nm	407
Air connection	1/4" NPT
Air Consumption l/m	113
Max. Sound level dBA	83
Length mm	153
Weight g	1200

Impact wrench 1/2"



Compact impact wrench suitable for heavier jobs in modern tire and automotive workshops. Powerful Twin Hammer impact mechanism inside a steel hammer housing. Adjustable working torque and easy to use forward and reverse control.

Description	Article No
Impact wrench 1/2"	K 9803

Technical data	
Revolutions rpm	7000
Max. torque Nm	815
Air connection	1/4" NPT
Air Consumption l/m	113
Max. Sound level dBA	83
Length mm	183
Weight g	1900

Impact wrench, 1150 Nm, 1/2"



Compact impact wrench with extra high torque, 1150 Nm. Chassis in composite material for low weight and good insulation. Powerful Twin Hammer impact mechanism in a steel hammer housing. Adjustable working torque for tightening and consistent full loosening power. All settings can be adjusted using one hand.

Description	Article No
Impact wrench 1150 Nm, 1/2"	K 9828

Technical data	
Revolutions rpm	6500
Max. torque Nm	1150
Air connection	1/4" NPT
Air Consumption l/m	136
Max. Sound level dBA	91
Length mm	165
Weight g	2000

Impact wrench 3/4"



Heavy-duty impact wrench for the toughest jobs. High power and low sound level in a compact and handy format. Suitable for jobs with trucks and other heavy vehicles. Powerful Twin Hammer impact mechanism in a steel hammer housing. Adjustable working torque and simple forward and reverse control.

Description	Article No
Impact wrench 3/4"	K 9804

Technical data	
Revolutions rpm	6000
Max. torque Nm	1898
Air connection	3/8" NPT
Air Consumption l/m	198
Max. Sound level dBA	87
Length mm	215
Weight g	3300

Impact wrench, 1500 Nm, 3/4"



3/4 CE

An extra powerful impact wrench for the heaviest tasks, 1500Nm in a compact and smooth format. Suitable for jobs on trucks and other heavy vehicles. Powerful Twin Hammer impact mechanism in a steel hammer housing. Adjustable working torque in three stages for tightening and consistent full loosening power. All settings can be adjusted using one hand.

Description	Article No
Impact wrench 3/4"	K 9831

Technical data	
Revolutions rpm	5000
Max. torque Nm	1500
Air connection	1/4" NPT
Air Consumption l/m	139
Max. Sound level dBA	94.3
Length mm	191
Weight g	2600

Impact wrench 1"



1 CE

Heavy-duty impact wrench for the toughest jobs. High power and low sound level in a compact and handy format. Suitable for jobs with trucks and other heavy vehicles. Powerful twin hammer impact mechanism inside a steel hammer housing. Adjustable working torque and simple forward and reverse control.

Description	Article No
Impact wrench 1"	K 9805

Technical data	
Revolutions rpm	6000
Max. torque Nm	1898
Air connection	3/8" NPT
Air Consumption l/m	198
Max. Sound level dBA	87
Length mm	223
Weight g	3400

Impact wrench 1", straight



For wheel replacement on HGVs and industrial maintenance. Powerful Twin Hammer impact mechanism in a steel hammer housing. Three-stage power setting with integrated forward and reverse adjustment. Short support for optimum access.

Description	Article No
Impact wrench 1", straight	K 10385

Technical data	
Revolutions rpm	6000
Max. torque Nm	2400
Air connection	1/2" NPT
Air Consumption l/m	282
Max. Sound level dBA	88
Length mm	324
Weight g	6500

Impact wrench 1", straight, long



For tire replacement on HGVs and industrial maintenance. Powerful Twin Hammer impact mechanism in a steel hammer housing. Three-stage power setting with integrated forward and reverse adjustment. 6" extension support.

Description	Article No
Impact wrench 1", straight, long	K 10386

Technical data	
Revolutions rpm	6000
Max. torque Nm	2400
Air connection	1/2" NPT
Air Consumption l/m	282
Max. Sound level dBA	88
Length mm	437
Weight g	7300

Ratchet wrench mini 1/4"



A small, handy machine for tight spaces. Ergonomically designed with adjustable working torque and forward and reverse control as well as accurate control of the power throttle setting.

Description	Article No
Ratchet wrench mini 1/4"	K 9806

Technical data	
Revolutions rpm	260
Max. torque Nm	24
Air connection	1/4" NPT
Air Consumption l/m	85
Max. Sound level dBA	83
Length mm	120
Weight g	400

Ratchet wrench 3/8"



Heavy-duty ratchet wrench with ergonomic design suitable for, e.g., exhaust and clutch jobs. Heavy-duty lock mechanism, rubberized head, and planet gear gives longer life. Adjustable working torque and forward and reverse control. Accurate control of the power throttle setting.

Description	Article No
Ratchet wrench 3/8"	K 9808

Technical data	
Revolutions rpm	150
Max. torque Nm	68
Air connection	1/4" NPT
Air Consumption l/m	113
Max. Sound level dBA	83
Length mm	254
Weight g	1200

Ratchet wrench mini 3/8"



A small, handy machine with socket drive with waist, enabling extra angles in confined spaces. Ergonomically designed with adjustable working torque and forward and reverse control as well as accurate control of the power throttle setting.

Description	Article No
Ratchet wrench mini 3/8"	K 9807

Technical data	
Revolutions rpm	260
Max. torque Nm	24
Air connection	1/4" NPT
Air Consumption l/m	85
Max. Sound level dBA	83
Length mm	120
Weight g	400

Ratchet wrench 1/2"



Heavy-duty ratchet wrench with ergonomic design suitable for, e.g., exhaust and clutch jobs. Heavy-duty lock mechanism, rubberized head, and planet gear gives longer life. Adjustable working torque and forward and reverse control. Accurate control of the power throttle setting.

Description	Article No
Ratchet wrench 1/2"	K 9809

Technical data	
Revolutions rpm	150
Max. torque Nm	68
Air connection	1/4" NPT
Air Consumption l/m	113
Max. Sound level dBA	83
Length mm	254
Weight g	1200

Reaction-free ratchet wrench, 1/2"



A reaction-free ratchet wrench which is easy to use due to a low counter force for easy use. Robust tool with rubberized chassis for good grip and thermal insulation. Extra strong impact and ratchet mechanism and planetary gears for longer life. Motor noise very effectively damped, with no loss of power. Exhaust via handle, away from the user. Forward and reverse control. Precise control of throttle opening. Throttle lever is flush with chassis at full throttle.

Description	Article No
Reaction-free ratchet wrench 1/2"	K 9880

Technical data	
Revolutions rpm	400
Max. torque Nm	102
Air connection	1/4" NPT
Air Consumption l/m	113
Max. Sound level dBA	83
Length mm	280
Weight g	1280

Drill, mini, 6 mm



Very small (L=148 mm), easy-to-use pneumatic drill with chassis of composite material for low weight and good thermal insulation. Fitted with 6 mm Jacobs quick-release metal chuck. Motor noise very effectively damped, with no loss of power. Exhaust via handle, away from the user.

Description	Article No
Drill, mini, 6 mm	K 9891

Technical data	
Speed rpm	2600
Chuck mm	6
Air connection	1/4" NPT
Air Consumption l/m	113
Max. Sound level dBA	84
Length mm	148
Weight g	600

Drill, 10 mm



Well-balanced drill with 10 mm quick-release metal chuck. Rugged planet gear and metal chuck for longer life. Accurate control of the power throttle setting.

Description	Article No
Drill 10 mm	K 9814

Technical data	
Revolutions rpm	2600
Chuck mm	10
Air connection	1/4" NPT
Air Consumption l/m	113
Max. Sound level dBA	83
Length mm	185
Weight g	1100

Angle drill



An angled drill for work in confined spaces. Rigid bearing arrangement and powerful bevel gear. Fitted with 10 mm Jacobs quick-release metal chuck. Rubberized grip with accurate control of the power throttle setting. Exhaust via handle, away from the user.

Description	Article No
Angle drill, 10 mm	K 9885

Technical data	
Revolutions rpm	1400
Chuck mm	10
Air connection	1/4" NPT
Air Consumption l/m	113
Max. Sound level dBA	85
Length mm	214
Weight g	1200

Drill, 13 mm



Reversible drill with 13 mm quick-release metal chuck. Rugged double planet gears for longer life. Accurate control of the power throttle setting. Equipped with support handle.

Description	Article No
Drill 13 mm reversible	K 9816

Technical data	
Revolutions rpm	800
Chuck mm	13
Air connection	1/4" NPT
Air Consumption l/m	113
Max. Sound level dBA	83
Length mm	218
Weight g	1300

Mini grinder, straight



A handy, straight machine with adjustable power for jobs both with details and big surfaces. Features built-in speed regulator. Throttle control with safety lock, flush with housing at full throttle.

Description	Article No
Mini grinder, straight	K 9810

Technical data	
Revolutions rpm	25000
Chuck mm	6
Air connection	1/4" NPT
Air Consumption l/m	113
Max. Sound level dBA	79
Length mm	165
Weight g	500

Mini grinder, angled



A handy, angled machine with adjustable power for jobs both with details and big surfaces. Features built-in speed regulator. Throttle control with safety lock, flush with housing at full throttle.

Description	Article No
Mini grinder, angled	K 9811

Technical data	
Revolutions rpm	20000
Chuck mm	6
Air connection	1/4" NPT
Air Consumption l/m	113
Max. Sound level dBA	79
Length mm	170
Weight g	600

Angle grinder



Heavy-duty angle grinder suitable for tougher jobs, e.g., rust and welding jobs. Features handy lock button, facilitating disc changes as well as throttle control with safety lock. The spark deflector can be adjusted to different angles without tools, and support handle can be changed to left or right side.

Description	Article No
Angle grinder 5"	K 9812

Technical data	
Revolutions rpm	10000
Disc diameter mm	125
Air connection	1/4" NPT
Air Consumption l/m	113
Max. Sound level dBA	83
Length mm	238
Weight g	2000

Cut-off tool



Cut-off tool for cutting in tight spaces, e.g., when working on exhaust systems. Reversible, so that sparks can be directed safely to where you want them. Throttle control with safety lock, flush with housing at full throttle.

Description	Article No
Cut-off tool	K 9813

Technical data	
Revolutions rpm	18000
Disc diameter mm	75
Air connection	1/4" NPT
Air Consumption l/m	113
Max. Sound level dBA	92
Length mm	195
Weight g	900

Cut-off tool, 400 mm



Extra long cutting machine for tight jobs around, e.g., the front end and transmissions. Powerful motor of 0.7 hp (520 W) with effectively dampened motor noise. Disc protector can easily be adjusted to 8 different positions, without tools. Rubberized grip and rotating air connection.

Description	Article No
Cutting machine, 400 mm	K 9818

Technical data	
Revolutions rpm	17000
Disc diameter mm	75-100
Air connection	1/4" NPT
Air Consumption l/m	113
Max. Sound level dBA	84
Length mm	400
Weight g	1700

Air body saw



Effective air body saw with low sound, weight, and air consumption. The tool also has very good values for vibrations. The chuck is dimensioned for standard blades for air-driven air body saw.

Description	Article No
Air body saw	K 9819

Technical data	
Stroke length mm	10
Vibrations m/s ²	3
Air connection	1/4" NPT
Air Consumption l/m	60
Max. Sound level dBA	80
Length mm	265
Weight g	570

Air body saw



Effective, easy to use body saw, lightweight with low air consumption. The machine has a long, 14 mm stroke which reduces wear on the saw blade. The chuck is dimensioned for standard blades for air body saws.

Description	Article No
Air body saw	K 9829

Technical data	
Stroke length mm	14
Vibrations m/s ²	5.18
Air connection	1/4" NPT
Air Consumption l/m	45
Max. Sound level dBA	89.5
Length mm	300
Weight g	560

Belt sander



Belt sander for 10 mm grinding belts. Effective damping of motor noise and 360 degree rotating air connection. Aluminum chassis equipped with rubberized grip and throttle control with safety lock.

Description	Article No
Belt sander	K 9817

Technical data	
Revolutions rpm	18000
Grinding belts mm	10x330
Air connection	1/4" NPT
Air Consumption l/m	113
Max. Sound level dBA	80
Length mm	323
Weight g	900

Grinder



Grinder with powerful 0.5 hp motor suitable for lighter jobs, e.g., rust and grinding jobs. Reversible, so that sparks can be directed safely to where you want them. Supplied with three backing disks: 76, 114, and 140 mm. For 76-140 mm fibre discs.

Description	Article No
Grinder	K 9815

Technical data	
Revolutions rpm	16000
Disc diameter mm	76/114/140
Air connection	1/4" NPT
Air Consumption l/m	113
Max. Sound level dBA	83
Length mm	142
Weight g	1000

Polishing machine, mini, 3"



Polishing machine with lightweight composite chassis, weighs just 720 grams. Ideal for polishing small surfaces, e.g. head lamp lenses. Comfortable throttle with two-finger grip. Powerful motor with adjustable speed and very low motor noise (80 dBA).

Description	Article No
Polishing machine, 3"	K 9825

Content	
1 x pad with velcro, 75 mm	
2 x polishing pads of differing hardness	
1 x sheepskin pad	

Technical data	
Revolutions rpm	3200
Pad diameter	75mm/ 3"
Air connection	1/4" NPT
Air Consumption l/m	91
Max. Sound level dBA	80
Length mm	115
Weight g	720

Air hammer



A powerful air hammer with built-in power controller, speed adjustment and quick-release chuck. A versatile tool which can be used for chiseling in sheet metal and removing injectors, etc..

Description	Article No
Air hammer	K 9870

Technical data	
Impact rate	2200
Stroke length mm	9.8
Air connection	1/4" BSPT
Air Consumption l/m	113
Weight g	2570

Tire inflator



Tire inflator with shock-proof 63 mm gauge and high accuracy. Measures 0-10 bar (0-140 psi). 0.5 m hose and nipple for car/ motorcycle.

Air connection	Length mm	Article No
1/4" NPT	200	K 9865

Air gun



Plastic air gun. Variable control of air flow.

Air connection	Length mm	Article No
1/4" NPT	220	K 3784

Hose reel



Heavy-duty hose reel with 3/8" PU-hose. 1/4" hose couplings at both ends. Max. working pressure: 15 bar.

Length m	Max. bar	Article No
10	15	K 9860

Swivel coupling



360 degree rotating air coupling made of aluminum-reinforced composite material. 1/4" NPT threads at both ends. Max. air flow 750 litres/minute.

Air connection	Article No
1/4" NPT	K 9757

Couplings, NPT outside



Couplings compatible with Cejn 320, Hansen Auto Flo 24, Proquix 1420 and 1421, Legris 94xx A, Oetiker SC Serie C, Prevost ESC 07/ERC07, Rectus-Tema 25, 26 and 1600.

Air connection	Article No
NPT 1/4" external	K 9843
NPT 3/8" external	K 9844
NPT 1/2" external	K 9845

Couplings, NPT inside



Couplings compatible with Cejn 320, Hansen Auto Flo 24, Proquix 1420 and 1421, Legris 94xx A, Oetiker SC Serie C, Prevost ESC 07/ERC07, Rectus-Tema 25, 26 and 1600.

Air connection	Article No
NPT 1/4" internal	K 9840
NPT 3/8" internal	K 9841
NPT 1/2" internal	K 9842

Couplings, hose connection



Couplings compatible with Cejn 320, Hansen Auto Flo 24, Proquix 1420 and 1421, Legris 94xx A, Oetiker SC Serie C, Prevost ESC 07/ERC07, Rectus-Tema 25, 26 and 1600.

Dimension Inch	Article No
1/4"	K 9846
5/16"	K 9847
3/8"	K 9848
1/2"	K 9849

Nipples, NPT inside



Couplings compatible with Cejn 320, Hansen Auto Flo 24, Proquix 1420 and 1421, Legris 94xx A, Oetiker SC Serie C, Prevost ESC 07/ERC07, Rectus-Tema 25, 26 and 1600.

Air connection	Article No
1/4" internal	K 9850
3/8" internal	K 9851

Nipples, hose connection



Couplings compatible with Cejn 320, Hansen Auto Flo 24, Proquix 1420 and 1421, Legris 94xx A, Oetiker SC Serie C, Prevost ESC 07/ERC07, Rectus-Tema 25, 26 and 1600.

Dimension Inch	Article No
1/4"	K 9854
5/16"	K 9855
3/8"	K 9856

Nipples, NPT outside



Couplings compatible with Cejn 320, Hansen Auto Flo 24, Proquix 1420 and 1421, Legris 94xx A, Oetiker SC Serie C, Prevost ESC 07/ERC07, Rectus-Tema 25, 26 and 1600.

Air connection	Article No
1/4" external	K 9852
3/8" external	K 9853
1/2" external	K 9857

Nipple, BSPT outside



Nipple, BSPT outside

Air connection	Article No
1/4" external	K 9858

Garage jack, 2 ton



Stable garage jack for professional workshops with low minimum height that extends to 380 mm on lift chassis. Equipped with a foot pedal to quickly reach the lifting point and a safety valve to prevent overloading. Lowering Control System (LCS) as standard. Equipped with polyamide wheels to reduce noise and a rubber pad on the lifting saddle to prevent damage to body panels and paint. A center wheel makes the jack easier to handle during movement with no load. Automatic setting return to prevent accidental operation. Ergonomic handle adjustable in two positions.

Lift height mm	Weight kg	Article No
75 - 520	35,5	K 21240

Garage jack, 3 ton



Stable garage jack with low minimum height that extends to 360 mm on the lift chassis for heavier lifting in professional workshops. Equipped with a foot pedal to quickly reach the lifting point and a safety valve to prevent overloading. Lowering Control System (LCS) as standard. Equipped with polyamide wheels to reduce noise and a rubber pad on the lifting saddle to prevent damage to body panels and paint. A center wheel makes the jack easier to handle during movement with no load. Automatic setting return to prevent accidental operation. Ergonomic handle adjustable in two positions.

Lift height mm	Weight kg	Article No
90 - 520	38	K 21242

Jack, Alu, 2 tons



A light, easy to handle quick-lifting aluminum jack. Dual pump system allows the maximum lift height to be reached in just 6 pump strokes. Perfect for mobile use, e.g. in a service bus. Smart, two-part rubberized handle with rapid locking and a knurled grip surface for the best grip. Provided with a rubber saddle to prevent damage to body panels and paint at the lifting point. CE-and TÜV-compliant.

Lift height mm	Weight kg	Article No
90 - 450	19	K 10230

Transmission jack, 300 kg



A stable, versatile transmission jack which provides excellent support for both transmission work and a variety of other operations on raised vehicles, including fitting exhaust systems, and to support a container during oil draining. Lowering control System (LCS) as standard, other features include overload valve and dead man's switch.

Height mm	Weight kg	Article No
1150-2000	25	K 21214

LIFTING EQUIPMENT



Workshop crane, 1000 kg



Stable, powerful and smooth, easy to maneuver workshop crane. Takes up very little space when folded. Rotating hydraulics ensure better ergonomics and load control. Quick adjustment of lifting arm length. Lowering control System (LCS) as standard, other features include overload valve and dead man's switch. A load leveler is available as a useful accessory for an engine hoist.

Max. lifting height mm	Protrusion mm	Weight kg	Article No
2410	1100-1400	94	K 21216

Load leveler, 500 kg



An accessory for the K 21216 workshop crane, facilitates engine hoisting operations. As well as providing a secure attachment, also allows loads to be balanced simply and safely.

Max. capacity kg	Length mm	Weight kg	Article No
500	1000	7.4	K 21228

Lifting clamp for oil drums



An accessory for the K 21216 workshop crane, facilitates lifting of oil drums.

Max. load: 300 kg

Capacity Kg	Article No
300	K 21229

Bottle jacks



With adjustment screw for additional lifting height.

Height mm	Capacity ton	Article No
158-308	2	K 4860
195-380	3	K 4861
197-382	5	K 4862
205-390	8	K 4863
215-400	12	K 4864
244-449	20	K 4865

Engine support, universal



This engine support has been developed to eliminate the need for a floor-based lift when temporarily moving the engine and/or gearbox to replace the cam belt or clutch, for example. Operations are easier thanks to improved accessibility and more freedom to raise and lower the vehicle on the lift. The support is universal, but is primarily intended for vehicles with transverse engines. The length of the support, the position of the fastening hooks, and the angle, position and height of the support legs are adjustable, making this a very versatile tool.

Max. load	Weight kg	Article No
400	9.9	K 11300

Power pack, 4 ton



Complete set for pressing, lifting, and pressure operations. The pump can be used both horizontally and vertically. The mechanical parts have quick-couplings.

Description	Article No
Power pack, 4 ton	K 5170

Content
Press cylinder 4 ton
Spreader 1/2 ton
Junction pipe 80 cm
Junction pipe 140 cm
Junction pipe 210 cm
Junction pipe 435 cm
Hydraulic pump
Nipple
Hose
Cylinder lug
Junction coupling
Wedge-shaped pressure head
Knurled pressure head
V-shaped pressure head
Rubberized pressure head
Piston lug
Rubberized base plate

LIFTING EQUIPMENT



Power pack, 10 ton



Complete set for pressing, lifting, and pressure operations. The pump can be used both horizontally and vertically. The mechanical parts have quick-couplings.

Description	Article No
Power pack, 10 ton	K 5171

Content
Press cylinder 10 ton
Spreader 1/2 ton
Junction pipe 10 cm
Junction pipe 20 cm
Junction pipe 30 cm
Junction pipe 55 cm
Hydraulic pump
Nipple
Hose
Cylinder lug
Junction coupling
Wedge-shaped pressure head
Knurled pressure head
V-shaped pressure head
Rubberized pressure head
Piston lug
Rubberized base plate

Axle stands



Height mm	Weight kg	Capacity ton	Article No
290-425	2	1,5	K 5160
335-540	4	3	K 5159

Four-way wheel nut wrench



Dimension mm	Article No
17, 19, 21, 22	K 144
17, 19, 21, 23	K 145

Mechanic's creeper, 6 wheels



Featuring a rugged steel frame with ball bearing, rotating wheels to handle high loads and padded surface and headrest. Max load 140 kg.

Dimension mm	Article No
1040x445	K 6253

Mechanic's creeper, 4 wheels



Mechanic's creeper made of oil-resistant, molded plastic. Ergonomic design for comfortable working position. With two side compartments for tools and parts. Solid swivelling plastic wheels. Delivered unassembled with nuts and bolts. Max load 120 kg.

Dimension mm	Article No
1000x490	K 6254

Vice



Rugged vices with anvil. Jaws of hardened steel and fully sealed spindles. Cast iron housing and anvil.

Capacity mm	Article No
125	K 5162
150	K 5164
200	K 5169

Vice jaw protectors, flat



Flat jaw protectors in aluminum.

Dimension mm	Article No
125	K 5090
150	K 5091
200	K 5092

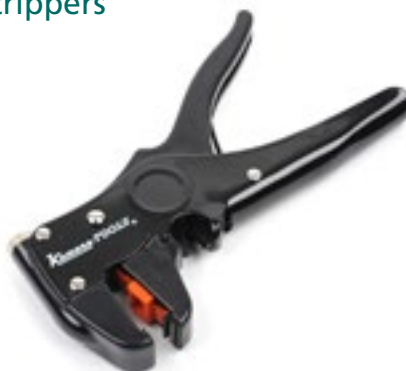
Vice jaw protectors, prismatic



Prismatic jaw protectors in aluminum.

Dimension mm	Article No
125	K 5093
150	K 5094
200	K 5095

Wire strippers



Automatic wire strippers with 11 mm wide steel jaws for stripping cables of up to 6 mm². Adjustable stripping depth 3-20 mm. Built in cutting function.

Description	Article No
Pistol wire strippers	K 10492

Crimping tool



Built-in lock function that does not release until pressing is complete. Supplied with 6 sets of quick-change hardened jaws. Suitable for terminal types: Insulated, Uninsulated, Ferrules, and Cable lugs.

Dimension mm ²	Article No
0.5-16.0	K 248

Removal tool, red



For dismantling and installing round and flat pins in connectors.

Color	Article No
Red	K 155

Removal tool, green



For dismantling and installing round and flat pins in contact pieces.

Color	Article No
Green	K 156

Voltage tester 3-48 V



Testing tool for electronics, 3-48V. Suitable for electrical and electronic vehicle components. Two LED lights indicate the polarity. Contact tip and spring-loaded needle probe for measuring through insulation. Supplied with 1.3 m cable to be used with contact probe or crocodile clip.

Description	Article No
Voltage tester	K 12150

Content
1 pc. Testing tool with 1.3 m cable
1 pc. Crocodile clip
1 pc. Contact probe

Voltage tester



Lighting tester with needle probe for penetrating insulation. With protective casing, cable, and crocodile clip.

Capacity V	Article No
6-24	K 150

Multifunction test light



For operating tests of electrical components such as cooling fan motors, window lift motors, electric fuel pumps, relays and lamps. Cable length: 5 m.

Capacity V	Article No
6-24	K 151

Mechanic's gloves



Mechanic's gloves, Pro-Mek, made of Clarino* synthetic leather with top made of stretch material. Reinforced fingertips, inside seams and Velcro closing. Machine-washable.

Color	Size	Article No
Black	XL	K 9704
Black	XXL	K 9705

Mechanic's gloves, vibration-damping



Heavy-Duty gloves with extra reinforcement and thicker material with vibration-damping silicon pads.

Color	Size	Article No
Black	M	K 9712
Black	XL	K 9714
Black	XXL	K 9715

Oil cans



With metal pressure pump. Delivered with both a flexible and a fixed spout.

Type	Volume L	Article No
Flexible / Fixed	0.25	K 23002
Flexible / Fixed	0.5	K 23003

Grease gun with grease cartridge



Grease gun with 80 g grease. Ideal for greasing the impact mechanism in Kamasa Tools impact wrench tools.

Description	Article No
Grease gun with 80 g grease	K 9898

Grease gun



Extra rugged grease gun adapted for 400 ml grease in loose weight. Rugged 2-piston pump guarantees strong flow even with short strokes. Aluminum housing and zinc-plated metal parts prevent rusting. Air bleed valve and filler valve simplify loose weight filling. Rubberized grips on both pump handle and housing for best grip. Supplied with both metal pipes and hoses with nipple.

Length mm	Article No
400	K 1795

Magnetic bowl, rectangular



Magnetic bowl for small parts, bolts and nuts.

Dimension mm	Article No
140x240	K 195

Magnetic bowl, round



Magnetic bowl for small parts, bolts and nuts.

Dimension mm	Article No
Ø 150	K 192

Inspection camera



This inspection camera features a compact 3.5" screen and dual camera with front and side view, and is the perfect tool for inspecting and documenting areas normally hidden from view. The SD card makes it possible to save both images and video images for printing or viewing on a computer.

Description	Article No
Inspection camera	K 12100

Content
1 pcs. main unit with LCD screen
1 pcs. probe 1m
1 pcs. SD card
1 pcs. USB cable
1 pcs. AV-out cable
1 pcs. magnet
4 pcs. AA batteries
1 pcs. strap

Inspection mirror, 240-715 mm



Telescopic mirror with pocket clip.

Dimension Ø mm	Length mm	Article No
55	240 - 715	K 189

Inspection mirror, 185-535 mm



Telescopic mirror with pocket clip.

Dimension Ø mm	Length mm	Article No
32	460	K 190

Magnetic pick-up tools, 125-640 mm



Telescopic with clips.

Capacity Kg	Length mm	Article No
0.5	90	K 191

Magnetic pick-up tools, 170-762 mm



Telescopic with clips.

Capacity Kg	Length mm	Article No
3.6	170 - 762	K 196

Pick up tool with magnet and lamp



Pick up tools are a practical aid for accessing screws, washers, etc. in hard-to-reach places. The tools have a 650 mm long flexible arm with a magnet, three claws and lighting.

Length mm	Grip width mm	Article No
650	25	K 1921

Pick up tool



Pick up tools are a practical aid for accessing screws, washers, etc. in hard-to-reach places. The tools have a 500 mm long flexible arm and three claws with a grip width of 27 mm.

Length mm	Grip width mm	Article No
500	27	K 1920

Scriber



Straight and angled point with knurled handle.

Length mm	Article No
200	K 194

Gasket scrapers



Heavy-duty gasket scrapers with stainless throughblade and rubberized handle.

Width mm	Length mm	Type	Article No
32	225	Straight	K 251
32	225	Angled	K 252

Gasket scrapers, set



Gasket scrapers, set

Description	Article No
Gasket scrapers, 3 pieces	K 250

Content	Width mm	Length mm
Straight	32	225
Straight	50	225
Angled	32	225

MEASUREMENT TOOLS



Refractometer



A high-precision refractometer which is easy to use and calibrate. The following fluid concentrations can be measured: Glycol (propylene and ethylene), washer fluid (ethanol and isopropanol) and battery acid (sulfuric acid).

Description	Article No
Refractometer, 3 parts	K 3640

Content
1 refractometer
1 calibration device
1 pipette

Capacity	
Glycol, propylene °C	-50 - 0
Glycol, ethylene °C	-50 - 0
Washer fluid, ethanol °C	-40
Washer fluid, Isopropanol °C	-40
Battery acid, sulfuric acid Kg/l	1.10 – 1.40

Sliding calipers



Sliding calipers of hardened stainless steel with thread table. Scales in mm and inches. Accuracy 0.05 mm.

Length mm	Article No
150	K 3633

Sliding calipers, digital



Sliding calipers of hardened stainless steel with thread table. Accuracy 0.01 mm, manufactured according to DIN 862/ IP54. Measures in mm and inches. NOTE! Also measures in fractions, e.g, 3/8. A CR2032 battery is included.

Length mm	Article No
150	K 3636

Micrometer, analog



Analog micrometer, 0-25 mm. Measuring surfaces in tungsten steel. Supplied with calibration key.

Description	Article No
Micrometer, analog	K 3645

Technical data	
Measurement range mm	25
Graduation mm	0.001

Feeler gauges



13 blades with 100 mm blade length. Lockable holder.

Dimension mm	Article No
0.05 - 1.00	K 3657

Magnetic base for dial gauge



Magnetic base for dial gauge. Two ball joints adjustable using a single knob. Fine adjustment of the dial gauge position. Fits dial gauge with 8 mm attachment.

Magnet strength: 60 kg
Base stand: 176 mm
End stand: 150 mm

Scope mm	Article No
300	K 10441

Dial gauge, analogue



Analogue dial gauge. Anti-glare, splinter-and scratch-resistant glass. Pivoting measurement scale with adjustable max/min limits. Set screw for manual resetting.

Measurement display: Ø 52 mm
Measuring range: 1-10 mm
Graduation: 0.01 mm

Description	Article No
Dial gauge, analogue	K 10440

Measuring tape



Measuring tape in rubberized housing. Shock-absorbing, quick power tape return. Floating end hook attached with three rivets. Automatic stop/locking function, two buttons for return. Produced in accordance with E814 and EGII. Packed on card.

Length m	Width mm	Article No
5	19	K 3568

Folding rule



Folding rule with sturdy joints and shanks. Grading in mm on both sides. Plastic material, easy to keep clean.

Length m	Article No
2	K 2783

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Light vehicles

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Workshop equipment

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Socket tools

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Socket wrench sets

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Sharp-edged tools

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Storage

Mini-ratchet



For hex bits and 1/4" sockets. Reversible.

Length mm	Article No
98	K 6081

Mini-ratchet for bits



Close-step mechanism with reversal, 60 teeth, requires only 6° of movement. 8 mm box-end wrench at opposite end. Built-in turntable.

Length mm	Article No
90	K 6100

Ratchet wrench, chrome



Compact ratchet head with quick-release button. Extra heavy-duty 72-teeth, reversible lock mechanism requires only 5° of movement. Bright chrome vanadium body with rubber for better grip.

Length mm	Article No
140	K 4136 D

Ratchet wrench, 72-teeth



Compact ratchet head with quick-release button. Extra heavy-duty 72-teeth, reversible lock mechanism requires only 5° of movement. The rubberized handle gives good grip and is resistant to all common fluids in a workshop environment.

Length mm	Article No
143	K 4132 D

Ratchet wrench, 64-teeth



Close-step mechanism, 64 teeth, requires only 6° of movement. Recessed quick-release button for the socket, chromed and reversible.

Length mm	Article No
135	K 20000

Ratchet wrench, 45-teeth



Ratchet mechanism with 45 teeth requires only 8° movement. Impact-resistant, oil and cold-resistant handle with integrated steel shaft reinforcement. Quick-release button. Reversible.

Length mm	Article No
150	K 6170

SOCKET TOOLS 1/4"



Ratchet wrench, endless variable, short



1/4 CrV

Short metal grip, bright chrome finish, with ball and very small head for optimal access in tight spaces. Reverses with square through-pin.

Length mm	Article No
77	K 4105

Flex handle



1/4 CrV

Chromed flex handle med oil-resistant plastic grip.

Length mm	Article No
130	K 20001

Torque wrench



1/4 CrV

For clockwise tightening of preselected torque with accuracy of $\pm 3\%$. Simple torque settings at Nm and Ft.lbs. in window scale. A distinct snap marks the torque being reached. The set value remains after torque has been reached.

Length mm	Capacity Nm	Article No
305	3-25	K 2739

Extension



1/4 CrV

Length mm	Article No
50	K 20003
75	K 20004
100	K 20005
150	K 20006
300	K 20007

T-handle



1/4 CrV

Length mm	Article No
115	K 20002

Extension, flexible



1/4 CrV

NOTE! Not adapted for loosening.

Length mm	Article No
145	K 20008

Universal prop shaft joint



1/4 CrV

Hole	Drive Inch	Article No
1/4"	1/4"	K 20009

Turntable



1/4 CrV

Hole	Drive Inch	Article No
1/4"	1/4"	K 20011

Universal ball joint



1/4 CrMo

Hole	Drive Inch	Article No
1/4"	1/4"	K 8708

Sockets, mm



1/4 CrV

Chrome sockets with lock hole for tightening tool's lock ball.

Dimension mm	Length mm	Article No
4	25	K 20012
4.5	25	K 20013
5	25	K 20014
5.5	25	K 20015
6	25	K 20016
7	25	K 20017
8	25	K 20018
9	25	K 20019
10	25	K 20020
11	25	K 20021
12	25	K 20022
13	25	K 20023
14	25	K 20024

Enlarger



3/8 1/4 CrV

Hole	Drive Inch	Article No
1/4"	3/8"	K 20010

SOCKET TOOLS 1/4"



Sockets, long, mm



Chrome sockets with lock hole for tightening tool's lock ball.

Dimension mm	Length mm	Article No
4	50	K 20034
5	50	K 20035
6	50	K 20036
7	50	K 20037
8	50	K 20038
9	50	K 20039
10	50	K 20040
11	50	K 20041
12	50	K 20042
13	50	K 20043

Sockets, inch



Chrome sockets with lock hole for tightening tool's lock ball.

Dimension Inch	Length mm	Article No
3/16"	25	K 20025
7/32"	25	K 20026
1/4"	25	K 20027
9/32"	25	K 20028
5/16"	25	K 20029
11/32"	25	K 20030
3/8"	25	K 20031
7/16"	25	K 20032
1/2"	25	K 20033

Bit sockets, Hex head, mm



Chrome sockets with lock hole for tightening tool's lock ball.

Dimension mm	Length mm	Article No
3	32	K 20044
4	32	K 20045
5	32	K 20046
6	32	K 20047
8	32	K 20048
10	32	K 20049

Bit sockets for inside Torx*



Chrome sockets with lock hole for tightening tool's lock ball.

Dimension Torx* no.	Length mm	Article No
TX8	32	K 20050
TX10	32	K 20051
TX15	32	K 20052
TX20	32	K 20053
TX25	32	K 20054
TX27	32	K 20055
TX30	32	K 20056
TX40	32	K 20057

* Torx® is a registered trademark of Acument Intellectual Properties LLC.

Bit sockets for outside Torx*



Chrome-plated sockets with locking hole for tightening tool's detent ball.

Dimension Torx* no.	Length mm	Article No
E5	25	K 20061
E6	25	K 20058
E7	25	K 20059
E8	25	K 20060
E10	25	K 20062

* Torx® is a registered trademark of Acument Intellectual Properties LLC.

T-wrenches, bearing handle



Knurled and bearing handle for optimal grip and quickness.

Length mm	Article No
325	K 2673

Bit socket set, 5-point Safety-Torx*, 7 pcs



For internal 5-point Safety-Torx.

Description	Article No
Bit socket set, 5-point Safety-Torx*, 7 pcs	K 10450

Content	Length mm
Dimension mm	
TS 10	32
TS 15	32
TS 20	32
TS 25	32
TS 27	32
TS 30	32
TS 40	32

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SOCKET TOOLS 3/8"



Ratchet wrench, chrome



Compact ratchet head with quick-release button. Extra heavy-duty 72-teeth, reversible lock mechanism requires only 5° of movement. Bright chrome vanadium body with rubber for better grip.

Length mm	Article No
205	K 4137 D

Ratchet wrench, 64-teeth



Close-step mechanism, 64 teeth, requires only 6° of movement. Recessed quick-release button for the socket, chromed and reversible.

Length mm	Article No
185	K 21000

Ratchet wrench, 72-teeth



Compact ratchet head with quick-release button. Extra heavy-duty 72-teeth, reversible lock mechanism requires only 5° of movement. The rubberized handle gives good grip and is resistant to all common fluids in a workshop environment.

Length mm	Article No
190	K 4133 D

Ratchet wrench, 45-teeth



Ratchet mechanism with 45 teeth requires only 8° movement. Impact-resistant, oil and cold-resistant handle with integrated steel shaft reinforcement. Quick-release button. Reversible.

Length mm	Article No
200	K 6171

Ratchet wrench, flexible



Long flexible ratchet wrench with small ratchet head for tight spaces. Recessed quick-release button for the socket. Super close-step with 72 teeth, requires only 5° of movement. Reversible with dial and ergonomically designed grip with friction surfaces.

Length mm	Article No
250	K 4130 D

Ratchet wrench, stepless, short



Short metal grip in bright chrome finish with ball and very small head for optimum accessibility in confined spaces. Reversed with through square pin.

Length mm	Article No
106	K 4106

Torque wrench

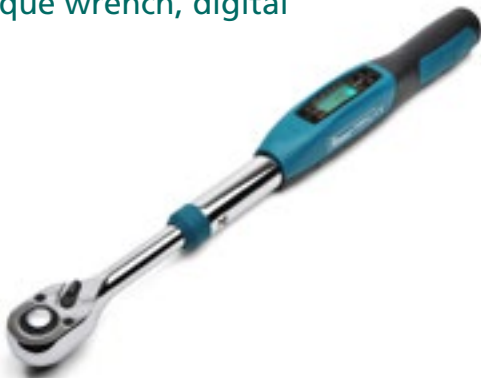


3/8 CV

For clockwise tightening of preselected torque with accuracy of ± 3%. Simple torque settings at Nm and Ft.lbs. in window scale. A distinct snap marks the torque being reached. The set value remains after torque has been reached.

Length mm	Capacity Nm	Article No
403	20-110	K 2740

Torque wrench, digital



3/8 CV CE

With both peak and track function as well as protractor. Simple setting of the desired torque, with +/-2% accuracy. Also measures kg-cm, kg-m, lb-in, lb-ft. Display with lighting. Auto shut-off after 80 seconds. Total battery operating time approx. 110 hours. 2 AA-batteries supplied.

Length mm	Capacity Nm	Article No
480	27-135	K 2750

T-wrenches, bearing handle



3/8 CV

Knurled and bearing handle for optimal grip and quickness.

Length mm	Article No
325	K 2674

Flex handle



3/8 CV

Chromed flex handle med oil-resistant plastic grip.

Length mm	Article No
190	K 21001

Extension



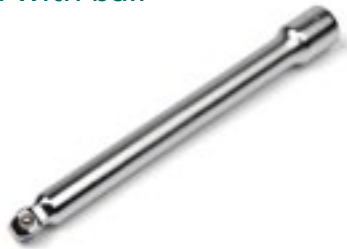
3/8 CV

Length mm	Article No
75	K 21002
150	K 21003

SOCKET TOOLS 3/8"



Extension with ball



3/8 CrV

Extension that gives 13° angle without universal joint.

Length mm	Article No
75	K 4086
150	K 4087
250	K 4088

Extension with lock function, set



3/8 CrV

Content	Article No
Length mm 75, 100, 250	K 4100

Extension with ball, set



3/8 CrV

Content	Article No
Dimension mm 75, 150, 250	K 4098

Universal prop shaft joint

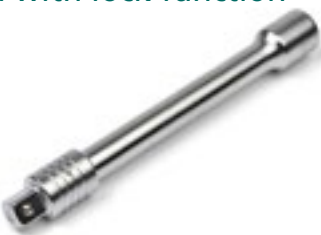


3/8 CrV

Universal prop shaft joint

Hole	Drive Inch	Article No
3/8"	3/8"	K 21005

Extension with lock function



3/8 CrV

Extension with lock safeguards connection between several socket tools.

Length mm	Article No
75	K 4092
150	K 4093
250	K 4094

Universal ball joint



3/8 CrMo

Universal ball joint

Hole	Drive Inch	Article No
3/8"	3/8"	K 8709

Adapter



Plug-in adapter with a robust design which takes up very little space. Fastened with built-in magnets.

Hole	Drive inch	Article No
3/8"	1/2"	K 8911

Sockets, mm



Chrome sockets with lock groove for tightening tool's lock ball.

Dimension mm	Length mm	Article No
8	26	K 21011
9	26	K 21012
10	26	K 21013
11	26	K 21014
12	26	K 21015
13	26	K 21016
14	26	K 21017
15	26	K 21018
16	29	K 21019
17	29	K 21020
18	29	K 21021
19	29	K 21022
20	29	K 21023
21	29	K 21024
22	29	K 21025

Enlarger



Hole	Drive Inch	Article No
3/8"	1/2"	K 21007

Reduction



Hole	Drive Inch	Article No
3/8"	1/4"	K 21006

SOCKET TOOLS 3/8"



Sockets, long, mm



Chrome sockets with lock groove for tightening tool's lock ball.

Dimension mm	Length mm	Article No
8	46	K 21026
9	46	K 21027
10	46	K 21028
11	46	K 21029
12	46	K 21030
13	46	K 21031
14	50	K 21032
15	53	K 21033
16	56	K 21034
17	56	K 21035
18	56	K 21036
19	56	K 21037
20	64	K 21038
21	64	K 21039
22	64	K 21040

Sockets, mm



Chrome-plated 12-point sockets with locking groove for tightening tool's detent ball.

Dimension mm	Length mm	Article No
8	26	K 21080
10	26	K 21081
11	26	K 21082
12	26	K 21083
13	26	K 21084
14	26	K 21085
15	26	K 21086
16	29	K 21087
17	29	K 21088
18	29	K 21089
19	29	K 21090
20	29	K 21091
21	29	K 21092
22	29	K 21093

Sockets, long, mm



Chrome-plated 12-point sockets with locking groove for tightening tool's detent ball.

Dimension mm	Length mm	Article No
8	46	K 21150
10	46	K 21151
11	46	K 21152
12	46	K 21153
13	46	K 21154
14	50	K 21155
15	53	K 21156
16	56	K 21157
17	56	K 21158
18	56	K 21159
19	56	K 21160
20	64	K 21161
21	64	K 21162
22	64	K 21163

Sockets, inch



Chrome sockets with lock groove for tightening tool's lock ball.

Dimension Inch	Length mm	Article No
5/16"	26	K 21041
3/8"	26	K 21042
7/16"	26	K 21043
1/2"	26	K 21044
9/16"	26	K 21045
5/8"	29	K 21046
11/16"	29	K 21047
3/4"	29	K 21048
13/16"	29	K 21049
7/8"	29	K 21050
1"	29	K 21051

Sockets, long, inch



Chrome sockets with lock hole for tightening tool's lock ball.

Dimension Inch	Length mm	Article No
3/8"	46	K 21052
7/16"	46	K 21053
1/2"	46	K 21054
9/16"	50	K 21055
5/8"	56	K 21056
11/16"	56	K 21057
3/4"	56	K 21058
13/16"	64	K 21059
7/8"	64	K 21060
1"	64	K 21061

SOCKET TOOLS 3/8"



Universal sockets



Universal sockets that fit 4-point, 6-point, 12-point, and Spline 12.

Dimension mm	Dimension Inch	Dimension Torx* no.	Dimension XZN	Article No
8	5/16"	E10		K 4944
9	11/32"			K 4945
10	3/8"	E12	10	K 4946
11	7/16"	E14		K 4947
12	15/32"	E16	12	K 4948
13	1/2"			K 4949
14		E18	14	K 4950
15	9/16"			K 4951
16	5/8"	E20	16	K 4952
17				K 4953
18	11/16"	E22	18	K 4954
19	3/4"	E24		K 4955

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Bit sockets, Hex head, mm



Chrome sockets with lock hole for tightening tool's lock ball.

Dimension mm	Length mm	Article No
5	50	K 4120
6	50	K 4121
7	50	K 4122
8	50	K 4123
10	50	K 4124
12	50	K 4125
14	50	K 4126

Bit sockets, Hex head, long, mm



Chrome sockets with lock hole for tightening tool's lock ball.

Dimension mm	Length mm	Article No
5	80	K 4057
6	80	K 4058
7	80	K 4059
8	80	K 4060
10	80	K 4061

Bit socket set, Hex head, 12-piece, mm



For inside hex.

Description	Article No
Bit socket set, 12-piece	K 4102

Content	Dimension mm	Length mm
Quantity		
7	5, 6, 7, 8, 9, 10, 12, 14	32
5	5, 6, 7, 8, 10	80

Bit set, long and short, Hex head



Description	Article No
Bit set, Hex head, 15 pieces	K 25026

Content	
Dimension Hex head	Length mm
Bit adapter 3/8	
Bit adapter 1/2	
6	30
7	30
8	30
10	30
12	30
14	30
5	75
6	75
7	75
8	75
10	75
12	75
14	75

Bit sockets for inside Torx*, long



Chrome sockets with lock hole for tightening tool's lock ball.

Dimension Torx* no.	Length mm	Article No
T30	80	K 4053
T40	80	K 4054
T45	80	K 4055
T50	80	K 4056

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Bit sockets for inside Torx*



Chrome sockets with lock hole for tightening tool's lock ball.

Dimension Torx* no.	Length mm	Article No
T30	50	K 4056 T30
T40	50	K 4056 T40
T45	50	K 4056 T45
T50	50	K 4056 T50

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SOCKET TOOLS 3/8"



Bit sockets for outside Torx*



Chrome-plated sockets with locking hole for tightening tool's detent ball.

Dimension Torx* no.	Length mm	Article No
E8	29	K 4056 E8
E10	29	K 4056 E10
E12	29	K 4056 E12
E14	29	K 4056 E14
E16	29	K 4056 E16
E18	29	K 4056 E18

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Socket and bit socket set, for Torx* heads, 12-piece



For inside and outside Torx*.

Description	Article No
Socket and bit socket set, Torx*, 12-piece	K 4104

Content	Quantity	Dimension Torx* no.	Length mm
	4	T30-T50	50
	4	T30-T50	80
	4	E8-E14	29

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Bit set, long and short, Torx



Description	Article No
Bit set, Torx*, 14 pieces	K 25027

Content	Length mm
Bit adapter 3/8	
Bit adapter 1/2	
T20	30
T30	30
T40	30
T45	30
T50	30
T55	30
T20	75
T30	75
T40	75
T45	75
T50	75
T55	75

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Bits sockets, XZN, mm



Chromed sockets with lock holes for the tightening tool's lock ball.

Dimension mm	Length mm	Article No
8	50	K 21062
10	50	K 21063

Bit set, long and short, XZN



Description	Article No
Bit set, XZN, 14 pieces	K 25025

Content	
Dimension XZN	Length mm
Bit adapter 3/8	
Bit adapter 1/2	
5	30
6	30
8	30
10	30
12	30
14	30
5	75
6	75
8	75
10	75
12	75
14	75

Impact sockets, mm



Black-annealed 6-point sockets for impact wrenches, etc. Thin-walled for good accessibility. Intended for torques up to 700 Nm.

Dimension mm	Length mm	Article No
10	38	K 8010
11	38	K 8011
12	38	K 8012
13	38	K 8013
14	38	K 8014
15	38	K 8015
16	38	K 8016
17	38	K 8017
18	38	K 8018
19	38	K 8019

Impact sockets, long, mm



Black-annealed, thin-walled sockets for good access.

Dimension mm	Length mm	Article No
10	65	K 8110
11	65	K 8111
12	65	K 8112
13	65	K 8113
14	65	K 8114
15	65	K 8115
16	65	K 8116
17	65	K 8117
18	65	K 8118
19	65	K 8119

SOCKET TOOLS 3/8"



Impact sockets, cutting, set, mm



3/8 CrMo

Set of cutting sockets for removing damaged bolt heads and oil plugs.

Description	Article No
Impact socket set, cutting, 9-piece	K 146

Content
Dimension mm
10, 11, 12, 13, 14, 15, 16, 17, 19

Twist sockets, mm



3/8 CrMo

Twist sockets for removing damaged bolt heads and oil plugs.

Dimension mm	Length mm	Article No
10	32	K 400
11	32	K 401
12	32	K 402
13	32	K 403
14	32	K 404
15	32	K 405
16	32	K 406
17	34	K 407
19	34	K 408

Extension for power tools



3/8 CrMo

Length mm	Article No
100	K 8715
150	K 8717

Universal joint for power tools



3/8 CrMo

Hole	Drive Inch	Length mm	Article No
3/8"	3/8"	50	K 8710

Enlarger for power tools



3/8 1/2 CrMo

Hole	Drive Inch	Length mm	Article No
3/8"	1/2"	36	K 8730

Reducer for power tools



3/8 1/2 CrMo

Hole	Drive Inch	Length mm	Capacity Nm	Article No
1/2"	3/8"	38	350	K 8731

Spark plug sockets with spring holder



3/8 CrV

12-point socket, with spring holder for spark plug.

Dimension mm	Length mm	Article No
14*	65	K 4782
16	65	K 4971
18	65	K 4972
21	65	K 4973

* For spark plugs with 12-point drive, PSA, BMW, etc.

Spark plug sockets with rubber holder



3/8 CrV

Chromed spark plug sockets with rubber holder.

Dimension mm	Points	Article No
14	12	K 4783
16	6	K 21009
18	6	K 21010
21	6	K 21008

Spark plug sockets, long



3/8 CrV

Long and thin-walled spark plug sockets for engines where the spark plug is located deep down in the cylinder head.

Dimension mm	Length mm	Points	Article No
14	250	12	K 4968
14*	250	12	K 4970
16	250	6	K 4969

* For spark plugs with bigger porcelain body, PSA, BMW, etc.

SOCKET TOOLS 3/8"



Special socket, 22/30 mm



3/8 CrMo

Socket for installing and removing oxygen sensors.

Description	Dimension mm	Length mm	Article No
Socket for oxygen sensor	22	30	K 166

Special socket, 22/80 mm



3/8 CrMo

Socket for installing and removing oxygen sensors.

Description	Dimension mm	Length mm	Article No
Socket for oxygen sensor	22	80	K 167

Special socket, 22/90 mm



3/8 CrMo

Socket for installing and removing oxygen sensors.

Description	Dimension mm	Length mm	Article No
Socket for oxygen sensor	22	90	K 168

Special socket, 1 1/16"/74 mm



3/8 CrMo

Socket for installing and removing oil pressure sensor.

Description	Dimension Inch	Length mm	Article No
Socket for oil pressure sensor	1 1/16"	74	K 169

Crowfoot wrenches, mm



3/8 CrV

Chrome 12-point crowfoot wrenches. Square connection for extension, flex handle, or ratchet wrench. With locking hole for ratchet ball in wrench. For use in, for example, hydraulic pipe connections or pipe joints that are difficult to reach.

Dimension mm	Article No
10	K 2610
11	K 2611
12	K 2612
13	K 2613
14	K 2614
15	K 2615
16	K 2616
17	K 2617
18	K 2618
19	K 2619

Crowfoot set, 12-piece



Complete set of crowfoot wrenches suitable for, e.g., hose and pipe couplings. Dimensions: 225x130x40 mm.

Description	Article No
Crowfoot set, 12-piece	K 25003

Content
10 pcs 12-point crowfoot wrenches, 10-19 mm
1 pc flex handle, 250 mm
1 pc extension, 150 mm

Chuck set, M3-M12



Chuck set for screw taps M3-M12. Jaws of hardened steel. Works directly on ratchet handle, therefore also perfect in tight spaces.

Description	Article No
Chuck set M3-M12, 3 pieces	K 4956

Content
2 pcs Chucks
1 pc Chuck tool

Screw extractor set, 2-10 mm



Screw extractor set 2-10 mm med 3/8" fitting. For effective removal of sheared-off bolts. The set consists of 6 bolt extractors made of special-alloy steel.

Description	Article No
Screw extractor set	K 187

Content
1 pc 2 mm extractor
1 pc 3 mm extractor
1 pc 4 mm extractor
1 pc 6 mm extractor
1 pc 8 mm extractor
1 pc 10 mm extractor

Universal sockets, set



Compiled of the 11 most used socket dimensions.

Description	Article No
Socket set, 11-piece	K 4943

Content
Dimension mm/inch
8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19
5/16, 3/8, 7/16, 1/2, 15/32, 9/16, 5/8, 11/16, 3/4"

SOCKET TOOLS 1/2"



Ratchet wrench, chrome



Compact ratchet head with quick-release button. Extra heavy-duty 72-teeth, reversible lock mechanism requires only 5° of movement. Bright chrome vanadium body with rubber for better grip.

Length mm	Article No
245	K 4135 D

Ratchet wrench, 72-teeth



Compact ratchet head with quick-release button. Extra heavy-duty 72-teeth, reversible lock mechanism requires only 5° of movement. The rubberized handle gives good grip and is resistant to all common fluids in a workshop environment.

Length mm	Article No
250	K 4134 D

Ratchet wrench, extra long



Extra long ratchet wrench with small ratchet head for tight spaces. Recessed quick-release button for the socket. Super close-step with 72 teeth, requires only 5° of movement. Reversible with dial and ergonomically designed grip with friction surfaces. Handles torques up to 610 Nm.

Length mm	Article No
450	K 4139 D

Ratchet wrench, flexible



Long flexible ratchet wrench with small ratchet head for tight spaces. Recessed quick-release button for the socket. Super close-step with 72 teeth, requires only 5° of movement. Reversible with dial and ergonomically designed grip with friction surfaces.

Length mm	Article No
285	K 4131 D

Ratchet wrench, flexible, extra long



Extra long ratchet wrench with joint and small ratchet head for tight spaces. Recessed quick-release button for the socket. Extra close-step with 72 teeth. Reversible with dial and ergonomically designed grip with friction surfaces. Handles torques up to 700 Nm.

Length mm	Article No
575	K 22220

Ratchet wrench, 64-teeth

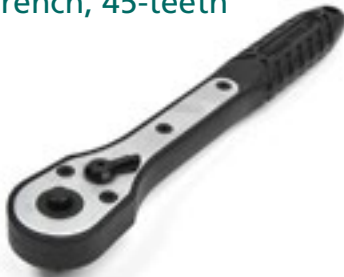


1/2 CV 6°

Close-step mechanism, 64 teeth, requires only 6° of movement. Recessed quick-release button for the socket, chromed and reversible.

Length mm	Article No
260	K 22000

Ratchet wrench, 45-teeth



1/2 8°

Ratchet mechanism with 45 teeth requires only 8° movement. Impact-resistant, oil and cold-resistant handle with integrated steel shaft reinforcement. Quick-release button. Reversible.

Length mm	Article No
270	K 6172

Ratchet wrench, endless variable, short



1/2 CV

Short metal grip, bright chrome finish, with ball and very small head for optimal access in tight spaces. Reverses with square through-pin.

Length mm	Article No
115	K 4107

Torque wrench



1/2 CV

For clockwise tightening of preselected torque with accuracy of ± 3%. Simple torque settings at Nm and Ft.lbs. in window scale. A distinct snap marks the torque being reached. The set value remains after torque has been reached.

Length mm	Capacity Nm	Article No
490	30-210	K 2741
625	50-350	K 2742

Digital torque indicator



1/2 CE

Digital torque indicator with display lighting and both peak and track function as well as gyro for angle-tightening. Control of both left-hand and right-hand tightening. Alarm with both sound and diodes when tightening, +/-2% accuracy as well as between 5-360 grader, +/-3% accuracy. Also measures kg-cm, kg-m, lb-in, lb-ft. Memory for 50 measuring values and auto shut-off after 80 seconds. An alternative to the torque wrench.

Capacity Nm	Article No
40-200	K 2753

SOCKET TOOLS 1/2"



T-handle



1/2 CV

Length mm	Article No
250	K 22002

T-adapter



3/8 1/2 CV

For 1/2 extension. Through-hole Ø 17 mm.

Hole	Drive Inch	Article No
3/8"	1/2"	K 22003

Flex handle, Heavy-Duty



1/2 CV

Chromed flex handle, knurled for optimal grip.

Length mm	Article No
375	K 4540
600	K 4541

Flex handle



1/2 CV

Chromed flex handle med oil-resistant plastic grip.

Length mm	Article No
250	K 22001

T-wrenches, bearing handle



1/2 CV

Knurled and bearing handle for optimal grip and quickness.

Length mm	Article No
325	K 2675

Torque wrenches, digital



1/2 CV CE

With both peak and track function as well as protractor. Simple setting with +/-2% accuracy. Also measures kg-cm, kg-m, lb-in, lb-ft. Display with lighting. Auto shut-off after 80 seconds. Total battery operating time approx. 110 hours. 2 AA-batteries supplied.

Length mm	Article No
480	K 2751
530	K 2752

Wheel nut wrench, telescopic



Chromed and extendible to 550 mm. Reversible socket.

Dimension mm	Capacity mm	Article No
17x19	330-550	K 4539

Enlarger



1/2"-3/4"

Hole	Drive Inch	Article No
1/2"	3/4"	K 22009

Wheel nut wrench, telescopic, 2 sockets



Chromed and extendible to 550 mm. 2 reversible sockets.

Dimension mm	Capacity mm	Article No
17x19, 21x22	330-550	K 4542

Adapters



Hole	Drive inch	Article No
1/2"	3/4"	K 8912

Reduction



1/2"-3/8"

Hole	Drive Inch	Article No
1/2"	3/8"	K 22008

Extension



Length mm	Article No
125	K 22004
250	K 22005

SOCKET TOOLS 1/2"



Extension with ball



1/2 CrV

Extension that gives 13° angle without universal joint.

Length mm	Article No
75	K 4089
125	K 22006
150	K 4090
250	K 4091

Extension with ball, set



1/2 CrV

Description	Article No
Extension with ball, 3-piece	K 4099

Content
Dimension mm
75, 150, 250

Universal prop shaft joint



1/2 CrV

Hole	Drive Inch	Article No
1/2"	1/2"	K 22007

Universal ball joint



1/2 CrMo

Hole	Drive Inch	Article No
1/2"	1/2"	K 8712

Sockets, mm



Chrome sockets with lock groove for tightening tool's lock ball.

Dimension mm	Length mm	Article No
10	38	K 22012
11	38	K 22013
12	38	K 22014
13	38	K 22015
14	38	K 22016
15	38	K 22017
16	38	K 22018
17	38	K 22019
18	38	K 22020
19	38	K 22021
20	40	K 22022
21	40	K 22023
22	40	K 22024
23	40	K 22025
24	43	K 22026
25	43	K 22027
27	43	K 22028
30	43	K 22029
32	43	K 22030
34	43	K 22031

Sockets, long, mm



Chrome sockets with lock groove for tightening tool's lock ball.

Dimension mm	Length mm	Article No
10	82	K 22032
11	82	K 22033
12	82	K 22034
13	82	K 22035
14	82	K 22036
15	82	K 22037
16	82	K 22038
17	82	K 22039
18	82	K 22040
19	82	K 22041
20	82	K 22042
21	82	K 22043
22	82	K 22044

SOCKET TOOLS 1/2"



Sockets, inch



Chrome sockets with lock groove for tightening tool's lock ball.

Dimension Inch	Length mm	Article No
3/8"	38	K 22045
7/16"	38	K 22046
1/2"	38	K 22047
9/16"	38	K 22048
19/32"	38	K 22049
5/8"	38	K 22050
21/32"	38	K 22051
11/16"	38	K 22052
3/4"	38	K 22053
25/32"	38	K 22054
13/16"	40	K 22055
7/8"	40	K 22056
15/16"	43	K 22057
1"	43	K 22058
1 1/16"	43	K 22059
1 1/8"	43	K 22060
1 5/16" *	43	K 22061
1 1/4"	43	K 22062

Bit sockets, hex head, long, mm



Dimension mm	Length mm	Article No
5	100	K 22115
6	100	K 22116
7	100	K 22072
8	100	K 22073
10	100	K 22074
12	100	K 22075
14	100	K 22117
17	100	K 22118
19	100	K 22119

Bit sockets, Hex head, mm



Dimension mm	Length mm	Article No
5	53	K 22063
6	53	K 22064
7	53	K 22065
8	53	K 22066
10	53	K 22067
12	53	K 22068
14	55	K 22069
17	55	K 22070
19	60	K 22071

Light vehicles

Heavy vehicles

Workshop equipment

Socket tools

Socket wrench sets

Wrenches

Screwdriver tools

Pliers

Impact tools

Sharp-edged tools

Storage

Socket bits set, Hex head, 17-piece



Complete range of hex head socket bits. Dimensions: 225x130x40 mm.

Description	Article No
Socket bits set, 17-piece	K 25000

Content
4-piece bits sockets, 1/4", 3, 4, 5, 6 mm
9-piece bits sockets, 1/2", 5, 6, 7, 8, 10, 12, 14, 17, 19 mm
4-piece extra long bits sockets, 1/2", 7, 8, 10, 12 mm

Bit set, long & short, Hex head



Description	Article No
Bit set, Hex head, 15 pieces	K 25026

Content	
Dimension Hex head	Length mm
Bit adapter 3/8	
Bit adapter 1/2	
6	30
7	30
8	30
10	30
12	30
14	30
5	75
6	75
7	75
8	75
10	75
12	75
14	75

SOCKET TOOLS 1/2"



Bit sockets for outside Torx*



Dimension Torx* no.	Length mm	Article No
E10	38	K 22090
E12	38	K 22091
E14	38	K 22092
E16	38	K 22093

* Torx® is a registered trademark of Acument Intellectual Properties LLC.

Bit sockets for inside Torx*



Dimension Torx* no.	Length mm	Article No
T25	55	K 22110
T27	55	K 22111
T30	55	K 22112
T40	55	K 22085
T45	55	K 22086
T50	55	K 22087
T55	55	K 22088
T60	55	K 22089

* Torx® is a registered trademark of Acument Intellectual Properties LLC.

Bit set, long & short, Torx



Description	Article No
Bit set, Torx*, 14 pieces	K 25027

Content	Length mm
Bit adapter 3/8	
Bit adapter 1/2	
T20	30
T30	30
T40	30
T45	30
T50	30
T55	30
T20	75
T30	75
T40	75
T45	75
T50	75
T55	75

* Torx® is a registered trademark of Acument Intellectual Properties LLC.

Socket bits set for Torx*, 26-piece



Complete set with bits sockets and wrenches for Torx* bolts.
Dimensions: 225x130x40 mm.

Description	Article No
Socket bits set for Torx*, 26-piece	K 25001

Content
3 pieces 1/4" bit sockets for outside Torx*no., E6, E7, E8
4 pieces 1/2" bit sockets for outside Torx*no., E10, E12, E14, E16
7 pieces 1/4" bit sockets for inside Torx*no., T8, T10, T15, T20, T25, T27, T30
5 pieces 1/2" bit sockets for inside Torx*no., T40, T45, T50, T55, T60
7 pieces angle wrenches for T10, T15, T20, T25, T27, T30, T40

* Torx® is a registered trademark of Acument Intellectual Properties LLC.

Bit set, long & short, XZN



Description	Article No
Bit set, XZN, 14 pieces	K 25025

Content	Dimension XZN	Length mm
Bit adapter 3/8		
Bit adapter 1/2		
5		30
6		30
8		30
10		30
12		30
14		30
5		75
6		75
8		75
10		75
12		75
14		75

Bits sockets, XZN, mm



Dimension mm	Length mm	Article No
5	53	K 22076
6	53	K 22077
8	53	K 22078
10	53	K 22079
12	53	K 22080
14	53	K 22081

SOCKET TOOLS 1/2"



Bits sockets, XZN, long, mm



Dimension mm	Length mm	Article No
8	100	K 22082
10	100	K 22083
12	100	K 22084

RIBE-socket set, 7-piece



Bits sockets for engines and vehicles with RIBE bolts. For jobs on brake and engine bolts.

Description	Article No
Socket set RIBE, 7-piece	K 277

Content	Length mm
Dimension Ribe	
M7	55
M8	55
M10 Fiat	140
M10 VW	140
M12	140
M13	140
M14	140

RIBE-sockets



For jobs on brake and engine bolts.

Dimension	Length mm	Article No
M7	55	K 270
M8	55	K 271
M10 Fiat	140	K 272
M10 VW	140	K 273
M12	140	K 274
M13	140	K 275
M14	140	K 276

Universal joint for power tools



Hole	Drive Inch	Article No
1/2"	1/2"	K 8713

Enlarger for power tools



1/2 3/4 CrMo

Hole	Drive Inch	Length mm	Article No
1/2"	3/4"	48	K 8732

Reducer for power tools



3/8 1/2 CrMo

Hole	Drive Inch	Length mm	Capacity Nm	Article No
1/2"	3/8"	38	350	K 8731

Impact sockets, mm



1/2 CrMo

Black-annealed 6-point sockets for impact wrenches, etc. Thin-walled for good accessibility. Intended for torques up to 700 Nm.

Dimension mm	Length mm	Article No
10	38	K 8210
11	38	K 8211
12	38	K 8212
13	38	K 8213
14	38	K 8214
15	38	K 8215
16	38	K 8216
17	38	K 8217
18	38	K 8218
19	38	K 8219
20	38	K 8220
21	38	K 8221
22	38	K 8222
23	38	K 8223
24	40	K 8224
27	40	K 8227
28	50	K 8228
30	50	K 8230
32	50	K 8232

SOCKET TOOLS 1/2"



Impact sockets, long, mm



Black-annealed 6-point sockets for impact wrenches, etc. Thin-walled for good accessibility. Intended for torques up to 700 Nm.

Dimension mm	Length mm	Article No
10	78	K 8310
11	78	K 8311
12	78	K 8312
13	78	K 8313
14	78	K 8314
15	78	K 8315
16	78	K 8316
17	78	K 8317
18	78	K 8318
19	78	K 8319
20	78	K 8320
21	78	K 8321
22	78	K 8322
23	78	K 8323
24	78	K 8324
27	78	K 8327
28	78	K 8328
30	78	K 8330
32	78	K 8332

Impact socket set, mm



Black tempered 6-point sockets for impact wrenches, etc. Thin-walled for good accessibility. Intended for torques up to 700 Nm.

Description	Article No
Impact socket set, 10-piece	K 8998

Content
Dimension mm
10, 11, 12, 13, 14, 17, 19, 21, 22, 24

Impact socket set, long, mm



Black tempered 6-point sockets for impact wrenches, etc. Thin-walled for good accessibility. Intended for torques up to 700 Nm.

Description	Article No
Impact socket set, 10-piece	K 8999

Content
Dimension mm
10, 11, 12, 13, 14, 17, 19, 21, 22, 24

Impact sockets, Heavy-Duty, mm



Black-annealed, thin-walled sockets of extra powerful design, withstands over 60 % more torque than standard power sockets.

Dimension mm	Length mm	Article No
17	78	K 8350
19	78	K 8351
21	78	K 8352
22	78	K 8353

Impact socket set, Heavy-Duty, mm



Long black tempered, thin-walled sockets of extra powerful design, withstands over 60 % more torque than standard power sockets.

Description	Article No
Impact socket set, 4-piece	K 8995

Content
Dimension mm
17, 19, 21, 22

Impact sockets, reversible, mm



Dimension mm	Length mm	Article No
17x19	76	K 8647
19x21	76	K 8649

Impact sockets with protection, mm



Black-annealed, thin-walled sockets for good access. With external protection for rims and internal protection for cap nuts. Intended for torques up to 700 Nm.

Dimension mm	Color	Article No
17	Blue	K 8817
19	Yellow	K 8819
21	Red	K 8821
22	Green	K 8822

SOCKET TOOLS 1/2"



Impact socket set with protection, mm



Black tempered 6-point sockets in chrome molybdenum steel for impact wrenches, etc. Thin walled for good accessibility. With external protection for rims and internal protection for cap nuts. Intended for torques up to 700 Nm.

Description	Article No
Impact socket set with protection, 3-piece	K 25080

Content	
Dimension mm	Color
17	Blue
19	Yellow
21	Red

Impact socket set with protection, reinforced, mm



Extra reinforced six-point sockets for impact wrenches, etc. Thin walled for good accessibility with external protection for rims and internal protection for cap nuts. Intended for torques of up to 700 Nm. Superior durability compared to sockets without reinforcement ring.

Description	Article No
Impact socket set with protection, reinforced, mm	K 25081

Content	
Dimension, mm	Color
17	Blue
19	Yellow
21	Red

Impact sockets with protection, reinforced, mm



Extra reinforced six-point sockets for impact wrenches, etc. Thin walled for good accessibility with external protection for rims and internal protection for cap nuts. Intended for torques up to 700 Nm. Superior durability compared to sockets without reinforcement ring.

Dimension mm	Color	Article No
17	Blue	K 25082
19	Yellow	K 25083
21	Red	K 25084

MB wheel bolt socket



Wheel bolt socket for modern Mercedes Benz vehicles. CL-GLK-ML-S-class from 2010 onwards. Compatible with MB new "hex convex" OEM wheel bolts: 000 990 5407. For impact wrenches, etc. Thin walled for good accessibility. Intended for torques up to 700 Nm.

Dimension mm	Length mm	Article No
17	80	K 25085

Impact bit sockets, Hex head, mm



Dimension mm	Length mm	Article No
6	75	K 8606
7	75	K 8607
8	75	K 8608
10	75	K 8610
12	75	K 8612
14	75	K 8614
17	75	K 8617
19	75	K 8619

Impact bits socket set, Hex head, mm



Black tempered bits sockets for impact wrenches.

Description	Article No
Impact socket set, Hex head, 6-piece	K 8620

Content
Dimension mm
6, 7, 8, 10, 12, 14

Impact bits sockets, hex, inch



Black-annealed impact bits sockets

Dimension Inch	Length mm	Article No
5/16"	76	K 10415
3/8"	76	K 10416
7/16"	76	K 10417
1/2"	76	K 10418
9/16"	76	K 10419

Impact bit sockets for inside Torx*



Dimension Torx* no.	Length mm	Article No
T40	55	K 8740
T45	55	K 8745
T50	55	K 8750
T55	55	K 8755
T60	55	K 8760
T70	55	K 8770

* Torx® is a registered trademark of Acument Intellectual Properties LLC.

SOCKET TOOLS 1/2"



Impact bit socket set, for inside Torx*



Black tempered bit sockets for impact wrenches.

Description	Article No
Impact bit socket set, inside Torx*, 6-piece	K 8771

Content
Dimension Torx*
T40, T45, T50, T55, T60, T70

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Impact bit sockets for inside outside Torx*



Dimension Torx* no.	Length mm	Article No
E10	38	K 8630
E12	38	K 8632
E14	38	K 8634
E16	38	K 8636
E18	38	K 8637
E20	38	K 8638
E22	45	K 8641
E24	38	K 8639

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Impact bit sockets, XZN, mm



Dimension mm	Length mm	Article No
5	55	K 8780
6	55	K 8781
8	55	K 8782
10	55	K 8783
12	55	K 8784
14	55	K 8785
16	55	K 8786
18	55	K 8787

Impact bit socket set, XZN, mm



Black tempered bit sockets for impact wrenches.

Description	Article No
Impact socket set, XZN, 8-piece	K 8788

Content
Dimension XZN
5, 6, 8, 10, 12, 14, 16, 18

Twist sockets, mm



1/2 CrMo

Twist sockets for removing damaged bolt heads and oil plugs.

Dimension mm	Length mm	Article No
10	34	K 450
11	34	K 451
12	34	K 452
13	34	K 453
14	34	K 454
15	34	K 455
16	34	K 456
17	34	K 457
19	34	K 458

Impact sockets, tapered cutting, mm



1/2 CrMo

Black-annealed sockets with cutting left-hand thread that can be simply tightened on the bolt head and then the bolt is unscrewed by continuing to tighten to the left. Perfect for troublesome rim locks or damaged bolt heads.

Dimension mm	Length mm	Article No
17	55	K 8360
18.5	55	K 8361
20.5	55	K 8362
21.5	55	K 8363
23	55	K 8364
24.5	55	K 8365
26	55	K 8366
27.5	55	K 8367

Impact socket set, cutting, mm



1/2 CrMo

Black-annealed sockets with cutting left-hand thread that can be simply tightened on the bolt head and then the bolt is unscrewed by continuing to tighten to the left. Perfect set for removing damaged bolt heads and oil plugs.

Description	Article No
Impact socket set, 9-piece	K 148
Content	
Dimension mm	
10, 11, 12, 13, 14, 15, 16, 17, 19	

Impact socket set, tapered cutting, mm



1/2 CrMo

Black tempered sockets with cutting left-hand thread that can be simply tightened on the bolt head and then the bolt is unscrewed by continuing to tighten to the left. Perfect for troublesome rim locks or damaged wheel bolts.

Description	Article No
Impact socket set, 8-piece	K 8994
Content	
Dimension mm	
17, 18.5, 20, 21.5, 23, 24.5, 26, 27.5	

SOCKET TOOLS 1/2"



Impact sockets, long, cutting, mm



1/2 CrMo

Extra long black-annealed sockets with cutting left-hand thread that can be simply tightened on the bolt head and then the bolt is unscrewed by continuing to tighten to the left. Perfect for troublesome rim locks or damaged bolt heads.

Dimension mm	Length mm	Article No
17	150	K 461
19	150	K 462
21	150	K 463
22	150	K 464

Impact socket set, long, cutting, 4-piece



1/2 CrMo

Set with extra long black tempered sockets with cutting left-hand thread that can be simply tightened on the bolt head and then the bolt is unscrewed by continuing to tighten to the left. Perfect for troublesome rim locks or damaged bolt heads.

Description	Article No
Power socket set, cutting, 4-piece	K 460

Content	Length mm
Dimension mm	
17	150
19	150
21	150
22	150

Torque bars with fixed socket, mm



1/2

Torque bars of alloy steel that restrict the tightening torque to the desired level when using impact wrenches. Recommended for quick assembly of vehicle rims without overloading. NOTE! Not for loosening. The color code indicates socket diameter and preset torque level.

Color	Capacity Nm	Article No
Green	75	K 8370
Red	110	K 8371
Yellow	90	K 8372
Blue	110	K 8373
Gray	135	K 8374
Black	80	K 8375
Orange	110	K 8376

Torque bar set with fixed socket



1/2

Torque bars of alloy steel that restrict the tightening torque to the desired level when using impact wrenches. Recommended for quick assembly of vehicle rims without overloading. NOTE! Not for loosening. The color code indicates socket diameter and preset torque level.

Description	Article No
Torque bar set, 7-piece	K 8993

Content	Capacity Nm
Dimension mm	
2x17, 3x19, 2x21	75-135

Extension for power tools



1/2 CrMo

Length mm	Article No
125	K 8719
250	K 8723

Impact extension



1/2 CrMo

Extension with ball for angle tightening. Can be locked in straight position.

Length mm	Article No
50	K 8720
125	K 8721
250	K 8722

Socket for lock nut, 24 mm



1/2 CrV

Socket for 12-point nuts on wheel hubs, 24 mm, 1/2"-essential for jobs on front and rear axles. For Volvo, Ford, Mercedes, Subaru, Renault, etc.

Dimension mm	Length mm	Article No
24	85	K 269

Socket for lock nut, 30 mm



1/2 CrV

For BMW, Citroen, Ford, Mercedes, Opel, Renault, Toyota, VW, and others.

Dimension mm	Length mm	Article No
30	75	K 265

Socket for lock nut, 32 mm



1/2 CrV

For Fiat, Ford, Mercedes, Nissan, Opel, Subaru, and others.

Dimension mm	Length mm	Article No
32	75	K 266

Socket for lock nut, 34 mm



1/2 CrV

For Fiat, Lancia, Renault, and others.

Dimension mm	Length mm	Article No
34	75	K 267

SOCKET TOOLS 1/2"



Socket for lock nut, 36 mm



For Audi, BMW, Ford, Seat, Nissan, VW, and others.

Dimension mm	Length mm	Article No
36	75	K 268

Spark plug sockets with rubber holder



Chromed spark plug sockets with rubber holder.

Dimension mm	Article No
16	K 22010
21	K 22011

Socket set for lock nuts, mm, 4-piece



Sockets for wheel hubs. 75 mm long.

Description	Article No
Socket set for lock nuts, 4-piece	K 278

Content	
Dimension mm	Type
30	BMW, Citroen, Ford, Mercedes, Opel, Renault, Toyota, VW, and others.
32	Fiat, Ford, Mercedes, Nissan, Opel, Subaru, and others.
34	Fiat, Lancia, Renault, and others.
36	Audi, BMW, Ford, Seat, Nissan, VW, and others.

Spark plug sockets with spring holder



12-point socket, with spring for spark plug.

Dimension mm	Length mm	Article No
16	65	K 4974
18	65	K 4975
21	65	K 4976

Special socket, 22 mm/50 mm



Sockets for installing and removing oxygen sensors.

Description	Dimension mm	Length mm	Article No
Socket for oxygen sensor	22	50	K 165

Special socket, 27 mm/85 mm



Socket for installing and removing temperature sensor.

Description	Dimension mm	Length mm	Article No
Socket for temperature sensor	27	85	K 171

Bit sockets for oil plugs, 4-point



Dimension mm	Length mm	Article No
8	43	K 22103
10	43	K 22104

Special socket, 29 mm/90 mm



Socket for installing and removing oil pressure sensor.

Description	Dimension mm	Length mm	Article No
Socket for oil pressure sensor	29	90	K 170

Bits sockets for oil plugs, 6-point, mm



Dimension mm	Length mm	Article No
8	43	K 22094
10	43	K 22095
11	43	K 22096
12	43	K 22097
13	43	K 22098
14	43	K 22099
17	43	K 22100
19	43	K 22101
3/8"	43	K 22102

Oil plug socket, XZN, VAG, mm



Black-annealed oil plug socket for Audi and VW, among others. A3, A4, Golf 4, and VW LT.

Dimension	Length mm	Article No
16 TP-XZN	60	K 203

SOCKET TOOLS 1/2"



Socket bits set for oil plug, 12-piece



Special bits sockets for oil plugs. The bits do not bottom out in the oil plug, instead the socket has solid contact against the oil plug. Dimensions: 225x130x40 mm.

Description	Article No
Socket bits set for oil plug, 12-piece	K 25002

Content
9 pieces 6-point sockets, 8, 3/8", 10, 11, 12, 13, 14, 17, 19 mm
2 pieces square sockets, 8, 10 mm
1 piece adapter for 3/8" tools

Crowfoot wrenches, mm



For, e.g., hydraulic pipe connections or pipe joints that are difficult to reach. Chromed 12-point crowfoot wrenches. Square drive (4-point) for extensions, flex handle, or ratchet wrench.

Dimension mm	Article No
22	K 21070
24	K 21071
27	K 21072
30	K 21073
32	K 21074

Ratchet wrench



3/4 CV

Knurled, round handle.

Length mm	Article No
500	K 1735

Torque wrench



3/4 CV

For clockwise tightening of preselected torque with accuracy of $\pm 3\%$. Simple torque settings at Nm and Ft.lbs. in window scale. A distinct snap marks the torque being reached. The set value remains after torque has been reached.

Length mm	Capacity Nm	Article No
845	50-700	K 2743

Ratchet wrench, telescopic



3/4 CV

Extra long ratchet wrench of chromed chrome vanadium steel. With telescopic handle, up to 770 mm length for extra strength.

Length mm	Article No
490 - 770	K 1739

Flex handle



3/4 CV

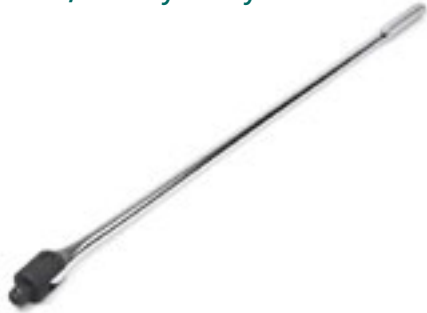
Knurled, round handle.

Length mm	Length inch	Article No
500	20	K 1730

SOCKET TOOLS 3/4"



Flex handle, Heavy-Duty



3/4 CV

Extra long Heavy-Duty flex handle of chromed chrome vanadium steel. Handles torque up to 1,720 Nm. Round handle.

Length mm	Article No
1000	K 1737

T-handle



3/4 CV

Length mm	Article No
460	K 1731

Extension



3/4 CV

Length mm	Article No
200	K 1732
400	K 1733

Reduction



1/2 3/4 CV

3/4"-1/2"

Hole	Drive Inch	Article No
3/4"	1/2"	K 4787

Sockets, mm



3/4 CV

Dimension mm	Length mm	Article No
22	50	K 1738
24	52	K 1740
26	52	K 1742
27	53	K 1743
30	55	K 1745
32	57	K 1746
36	58	K 1748
38	61	K 1749
41	64	K 1751
46	68	K 1754
50	72	K 1756

Sockets, inch



Dimension Inch	Length mm	Article No
7/8"	50	K 1759
15/16"	52	K 1760
1"	52	K 1761
1 1/16"	53	K 1762
1 1/8"	55	K 1764
1 1/4"	57	K 1765
1 5/16"	58	K 1766
1 1/2"	61	K 1768
1 5/8"	64	K 1769
1 3/4"	66	K 1770
1 13/16"	68	K 1771
1 7/8"	70	K 1772
2"	72	K 1773

Impact sockets, mm



Black-annealed sockets. Locking set K 8460 recommended for sockets K 8419 – K 8447. Locking set K 8462 recommended for socket K 8450.

Dimension mm	Length mm	Article No
19	50	K 8419
20	50	K 8420
21	50	K 8421
22	50	K 8422
23	50	K 8423
24	50	K 8424
26	50	K 8426
27	56	K 8427
28	56	K 8428
29	56	K 8429
30	56	K 8430
31	56	K 8431
32	56	K 8432
33	56	K 8433
34	56	K 8434
36	56	K 8436
37	58	K 8437
38	58	K 8438
41	58	K 8441
42	58	K 8442
43	63	K 8443
46	63	K 8446
47	68	K 8447
50	72	K 8450

Crowfoot wrenches, mm



For, e.g., hydraulic pipe connections or pipe joints that are difficult to reach. Chromed 12-point crowfoot wrenches. Square drive (4-point) for extensions, flex handle, or ratchet wrench.

Dimension mm	Article No
36	K 21075
41	K 21076

SOCKET TOOLS 3/4"



Impact sockets, long, mm



Black-annealed sockets.

Locking set K 8460 recommended for these sockets.

Dimension mm	Length mm	Article No
19	95	K 8519
20	95	K 8520
21	95	K 8521
22	95	K 8522
23	95	K 8523
24	95	K 8524
26	95	K 8526
27	95	K 8527
28	95	K 8528
29	95	K 8529
30	95	K 8530
31	95	K 8531
32	95	K 8532
33	95	K 8533
34	95	K 8534
36	95	K 8536
37	95	K 8537
38	95	K 8538
41	95	K 8541
42	95	K 8542
43	95	K 8543
46	95	K 8546

Impact sockets, inch



Black-annealed sockets.

Locking set K 8461 recommended for K 10425 – K 10428.

Locking set K 8460 recommended for K 10429 – K 10437.

Locking set K 8462 recommended for K 10438

Dimension Inch	Length mm	Article No
7/8"	53	K 10425
15/16"	53	K 10426
1"	53	K 10427
1 1/16"	53	K 10428
1 1/8"	53	K 10429
1 1/4"	53	K 10430
1 5/16"	57	K 10431
1 1/2"	57	K 10432
1 9/16"	63	K 10433
1 5/8"	63	K 10434
1 3/4"	63	K 10435
1 13/16"	69	K 10436
1 7/8"	69	K 10437
2"	74	K 10438

Extension for power tools



Length mm	Article No
150	K 8924
250	K 8927

Universal joint for power tools



3/4 CrMo

Locking set K 8460 recommended for this socket.

Hole	Drive Inch	Length mm	Article No
3/4"	3/4"	105	K 8919

Adapters



1 3/4 CrMo

Plug-in adapter with a robust design which takes up very little space. Fastened with built-in magnets.

Hole	Drive inch	Article No
3/4"	1"	K 8913

Enlarger for power tools



1 3/4 CrMo

Locking set K 8460 recommended for this socket.

Hole	Drive Inch	Length mm	Article No
3/4"	1"	63	K 8915

Locking sets



Locking sets consisting of pin and O-ring for 3/4" and 1" power tools.

	Article No
	K 8460
	K 8461
	K 8462

Reducer for power tools



3/4 CrMo

Locking set K 8460 recommended for this socket.

Hole	Drive Inch	Length mm	Article No
3/4"	1/2"	56	K 8914

SOCKET TOOLS 1"



Impact sockets, mm



Black-annealed sockets.
Locking set K 8462 recommended for K 8554 – K 8595.

Dimension mm	Length mm	Article No
24	58	K 8554
27	58	K 8557
28	58	K 8558
29	60	K 8559
30	60	K 8560
32	60	K 8562
33	60	K 8563
34	62	K 8564
36	65	K 8566
38	65	K 8568
41	67	K 8571
42	74	K 8572
43	74	K 8573
46	74	K 8576
47	74	K 8577
50	80	K 8580
52	84	K 8582
55	84	K 8585
56	84	K 8586
60	87	K 8590
65	90	K 8595
70	86	K 8596
75	86	K 8597
80	90	K 8598
85	90	K 8599
90	100	K 8600
95	100	K 8601
105	115	K 10741

Impact sockets, long, mm



Black-annealed sockets.
Locking set K 8462 recommended for these sockets.

Dimension mm	Length mm	Article No
24	100	K 8655
27	100	K 8656
30	100	K 8657
32	100	K 8658
33	100	K 8659
34	100	K 8660
36	100	K 8661
38	100	K 8662
41	100	K 8663
46	115	K 8664

Extension for power tools



Locking set K 8462 recommended for these extensions.

Length mm	Article No
150	K 8936
250	K 8940

Universal joint for power tools



1 CrMo

Locking set K 8462 recommended for this socket.

Hole	Drive Inch	Length mm	Article No
1"	1"	133	K 8925

Locking sets



Locking sets consisting of pin and O-ring for 3/4" and 1" power tools.

	Article No
	K 8460
	K 8461
	K 8462

Enlarger for power tools



1 1/2 **1** CrMo

Locking set K 8462 recommended for this socket.

Hole	Drive Inch	Length mm	Article No
1"	1 1/2"	90	K 8917

Reducer for power tools



1 **3/4** CrMo

Locking set K 8462 recommended for this socket.

Hole	Drive Inch	Length mm	Capacity Nm	Article No
1"	3/4"	75	2000	K 8916

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Workshop equipment

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SOCKET WRENCH SETS

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Sharp-edged tools

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Socket wrench set, 16-piece, mm



Compact case containing a basic range of handy 1/4" tools. Together they solve many of the problems with bolt sizes from 4 mm all the way up to 13 mm. Fits excellent in the leg pocket. Dimensions: 160x80x37 mm.

Description	Article No
Socket wrench set, 1/4", mm	K 25004

Content
12 pieces six-point sockets, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
1 piece ratchet wrench, 140 mm
2 pieces extension, 75, 150 mm
1 piece T-handle

Socket wrench set, 34-piece, mm



With extra close-stepped ratchet with 2-component grip. Both short and long sockets as well as extension, T-handle, and assorted TX-bits. Dimensions: 225x165x45 mm

Description	Article No
Socket wrench set, 1/4", mm	K 25005

Content
12 pieces six-point sockets, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
9 pieces long six-point sockets, 4, 5, 6, 7, 8, 9, 10, 12, 13 mm
8 pieces bits for Torx* no., T8, T10, T15, T20, T25, T27, T30, T40
1 piece bit adapter, 1/4" x 1/4"
2 pieces extension, 75, 150 mm
1 piece T-handle
1 piece ratchet wrench, 140 mm

Socket wrench set, 44-piece, mm



Compact set with 1/4" sockets and bits as well as 60-teeth mini-ratchet wrench. It's easier to reach all types of screws and bolts with the mini-ratchet wrench. Dimensions: 165x90x35.

Description	Article No
Socket wrench set 1/4" mm	K 7102

Content
1 piece Mini-ratchet wrench for 1/4"+ 8 mm
10-piece 1/4" sockets, 5.5 - 14.0 mm
4-piece Phillips bits, PH1, PH2, PH3, PH4
3-piece Pozidrive bits, PZD1, PZD2, PZD3
9-piece Torx* bits, T7, T8, T10, T15, T20, T25, T27, T30, T40
7-piece Safety-Torx* bits, TP8, TP10, TP15, TP20, TP25, TP30, TP40
6-piece Hex key bits, 3, 4, 5, 6, 7, 8 mm
3-piece Slot bits, 4, 6.5, 7 mm
1 piece 1/4" adapter

* Torx® is a registered trademark of Acument Intellectual Properties LLC.

SOCKET WRENCH SETS 3/8"



Socket wrench set, 34-piece, mm



3/8" set with extra close-stepped ratchet wrench with 2-component grip. Includes sockets, torque handle, extension, spark plug sockets, universal joint, as well as a wide range of screw tools. Dimensions: 320x320x80 mm

Description	Article No
Socket wrench set, 1/4" and 3/8", mm	K 25007

Content
12 pcs. 6-point sockets, 10-22 mm
6 pcs. hex head bits, length 25 mm, 3-8 mm
3 pcs. slot screwdriver bits, length 25 mm, 4, 5.5, 7 mm
3 pcs. Phillips bits, length 25 mm, PH1, PH2, PH3
1 pc. 1/4" bits and socket handle
1 pc. adapter, 1/4" x 1/4"
1 pc. adapter, 1/4" x 3/8"
1 pc. ratchet wrench, 205 mm
2 pcs. extensions, 75, 150 mm
1 pc. universal joint
2 pcs. spark plug sockets, 16, 21 mm
1 pc. flex handle with rubber grip, 215 mm

Socket wrench set, 34-piece, mm



A practical 3/8" set containing an extra close-stepped ratchet with 2-component grip and sockets. Both long and short sockets, extensions, spark plug sockets, and universal joint. Dimensions: 320x320x80 mm.

Description	Article No
Socket wrench set, 3/8", mm	K 25006

Content
15 pieces six-point sockets, 8-22 mm
12 pieces long six-point sockets, 8, 9, 10, 11, 12, 13, 14, 15, 17, 19, 20, 22 mm
3 pieces spark plug sockets, 16, 18, 21 mm
1 piece ratchet wrench, 205 mm
2 pieces extension with ball, 75, 150 mm
1 piece universal joint

Socket wrench set, 28-piece, inch



This kit, with its smooth but strong 3/8" format contains short and long sockets, 5/16"-1", extensions, a universal joint, spark plug sockets and a close-step ratchet wrench.

Description	Article No
Socket wrench set, 3/8", inch	K 25010

Content
11 x 6-point sockets, 5/16" - 1"
10 x long 6-point sockets, 3/8" - 1"
3 x spark plug sockets, 16, 18, 21 mm
1 x ratchet wrench, 72 teeth
2 x extension with ball, 75, 150 mm
1 pc. universal joint

Socket wrench set, 24-piece, mm



A complete range of robust 1/2" tools, including an extra close-stepped ratchet with 2-component grip. Together they solve many of the problems with bolt sizes from 10 mm all the way up to 32 mm. Dimensions: 320x320x80 mm.

Description	Article No
Socket wrench set, 1/2", mm	K 25008

Content
18 pieces six-point sockets, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32 mm
1 piece ratchet wrench, 250 mm
2 pieces extension, 125, 250 mm
1 piece T-adapter, 3/8"x1/2"
1 piece flex handle with rubber grip, 250 mm
1 piece universal joint

Socket wrench set, 24-piece, inch



A complete range of robust 1/2" tools, including an extra close-stepped ratchet with 2-component grip. Together they solve many of the problems from bolts with inch dimension 3/8" all the way up to 1 1/4". Dimensions: 320x320x80 mm.

Description	Article No
Socket wrench set, 1/2", inch	K 25009

Content
18 pieces six-point sockets, 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 21/32, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 1, 1 1/16, 1 1/8, 1 3/16, 1 1/4"
1 piece ratchet wrench, 250 mm
2 pieces extension, 125, 250 mm
1 piece T-adapter, 3/8"x 1/2"
1 piece flex handle with rubber grip, 250 mm
1 piece universal joint

SOCKET WRENCH SETS 3/4"



Socket wrench set, 15-piece, mm



Standard ratchet wrench, extra rugged model. Bright chrome sockets. Dimensions: 540x185x80 mm.

Description	Article No
Socket wrench set 3/4" mm	K 4672

Content
10-piece six-point sockets, 22, 24, 27, 30, 32, 36, 38, 41, 46, 50 mm
1 piece ratchet wrench, 500 mm
2-piece extension, 200, 400 mm
1 piece torque wrench handle, 500 mm
1 piece universal joint

Socket wrench set, 15-piece, inch



Standard ratchet wrench, extra rugged model. Bright chrome sockets. Dimensions: 540x185x80 mm.

Description	Article No
Socket wrench set 3/4" inch	K 4673

Content
10-piece twelve-point sockets, 1", 1 1/16, 1 1/8, 1 1/4, 1 5/16, 1 1/2, 1 5/8, 1 3/4, 1 7/8, 2"
1 piece ratchet wrench, 500 mm
2-piece extension, 200, 400 mm
1 piece torque wrench handle, 500 mm
1 piece universal joint

Mechanic's set, 84-piece, mm



Mechanic's set including a wide range of the best tools from Kamasa Tools. The case includes 2 socket wrench sets (1/4" and 3/8") as well as both combination wrenches and flex head wrenches, plus a wide range of screwdriver tools. A total of 84 tools. Together they solve a wide variety of mechanical problems. Dimensions: 350x350x85 mm.

Description	Article No
Socket wrench set 1/4" & 3/8", mm	K 25013

Content
1/4" set:
12 pcs. 6-point sockets; 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
9 pcs. long 6-point sockets; 4, 5, 6, 7, 8, 9, 10, 12, 13 mm
1 pc. ratchet wrench; 140 mm
1 pc. T-handle
1 pc. bit adapter; 1/4" x 1/4"
3 pcs. slot screwdriver bits; 4, 5.5, 7 mm
3 pcs. Phillips bits; PH1, PH2, PH3
3 pcs. Pozidrive bits; PZD1, PZD2, PZD3
6 pcs. hex head bits; 3, 4, 5, 6, 8, 10 mm
11 pcs. bits for Torx*; T5, T6, T7, T8, T10, T15, T20, T25, T27, T30, T40
1 pc. 1/4" bit and socket handle
2 pcs. extensions; 50, 150 mm
1 pc. universal joint
3/8" set:
12 pcs. 6-point sockets; 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22 mm
1 pc. ratchet wrench; 205 mm
2 pcs. extensions; 75, 150 mm
2 pcs. spark plug sockets; 16, 21 mm
1 pc. universal joint
Other:
1 pc. Phillips screwdriver PH2
1 pc. slot screwdriver 6.5 x 150 mm
6 pcs. combination wrenches; 8, 10, 12, 13, 14, 17 mm
4 pcs. swivel head wrenches; 8x9, 10x11, 12x13, 14x15 mm

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Mechanic's set, 97-piece, mm



Mechanic's set including a wide range of the best tools from Kamasa Tools. The case includes 2 socket wrench sets (1/4" and 1/2") as well as a wide range of screwdriver tools, 30 different bits tools, extra long combination wrenches as well as pliers and an adjustable wrench. A total of 97 tools. Together they solve a wide variety of mechanical problems. Dimensions: 350x350x85 mm.

Description	Article No
Socket wrench set, 1/4" & 1/2", mm	K 25012

Content
1/4" set:
12 pcs. 6-point sockets; 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
9 pcs. long 6-point sockets; 4, 5, 6, 7, 8, 9, 10, 12, 13 mm
1 pc. ratchet wrench, 140 mm
2 pcs. extensions, 50, 100 mm
1 pc. T-handle
1 pc. universal joint
1 pc. 1/4" bit and socket handle
1 pc. bit adapter; 1/4" x 1/4"
1 pc. bit adapter, drive 1/4" x 1/4"
1 pc. bit holder with magnet, 75 mm
Bits 1/4", length 25 mm:
3 pcs. slot bits; 4, 5.5, 7 mm
4 pcs. Phillips bits; PH0, PH1, PH2, PH3
3 pcs. Pozidrive bits; PZD1, PZD2, PZD3
6 pcs. hex head bits; 3, 4, 5, 6, 8, 10 mm
8 pcs. bits for Torx*; T8, T10, T15, T20, T25, T27, T30, T40
Bits 5/16", length 32 mm:
3 pcs. bits for Torx*; T45, T50, T55 mm
1/2" set:
14 pcs. 6-point sockets; 10, 11, 12, 13, 14, 15, 16, 17, 19, 22, 24, 27, 30, 32 mm
1 pc. ratchet wrench; 250 mm
2 pcs. extensions 125, 250 mm
1 pc. T-adapter; 3/8" x 1/2"
1 pc. universal joint
1 pc. spark plug socket; 21 mm
1 pc. adapter; 5/16" x 1/2"
Other:
3 pcs. hex keys, 1.5, 2, 2.5 mm
13 pcs. combination wrenches, long; 7-19 mm
1 pc. adjustable wrench; 8"
1 pc. combination pliers; 180 mm

* Torx® is a registered trademark of Acument Intellectual Properties LLC.

Mechanic's set, 89-piece, mm



Mechanic's set including a wide range of the best tools from Kamasa Tools. The case includes 2 socket wrench sets (1/4" and 3/8") as well as a wide range of screw tools, extra long combination wrenches as well as pliers and adjustable wrench, for a total of 89 tools. Together they solve most mechanical problems, both small and big. Dimensions: 350x350x85 mm.

Description	Article No
Socket wrench set, 3/8" and 1/4", mm	K 25014

Content
1/4" set:
12 pcs. 6-point sockets, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
9 pcs. 6-point sockets, long, 4, 5, 6, 7, 8, 9, 10, 12, 13 mm
1 pc. ratchet wrench, 140 mm
1 pc. T-handle
1 pc. bits adapter, 1/4" x 1/4"
3 pcs. slot screwdriver bits, 4, 5.5, 7 mm
3 pcs. Phillips bits, PH1, PH2, PH3
3 pcs. Pozidrive bits, PZD1, PZD2, PZD3
6 pcs. hex head bits, 3-8 mm
11 pcs. bits for Torx*, T5, T6, T7, T8, T10, T15, T20, T25, T27, T30, T40
1 pc. 1/4" bit and socket handle
2 pcs. extensions, 50, 150 mm
1 pc. universal joint
3/8" set:
12 pcs. 6-point sockets, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 22 mm
1 pc. ratchet wrench, 205 mm
2 pcs. extensions, 75, 150 mm
2 pcs. spark plug sockets, 16, 21 mm
1 pc. universal joint
Other:
13 pcs. combination wrenches, long, 7-19 mm
1 pc. adjustable wrench, 8"
1 pc. Phillips screwdriver, PH2
1 pc. slot screwdriver, 6,5 x 150
1 pc. combination pliers, 180 mm

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Mechanic's set, 92-piece, mm



Mechanic's set with 2 complete socket wrench sets (1/4" and 1/2"), as well as both combination wrenches and flex head wrenches. Also includes more than 30 different bits tools. Dimensions: 350x350x85 mm.

Description	Article No
Socket wrench set, 1/4" & 1/2", mm	K 25015

Content
1/4" set:
12-piece Hex sockets, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
10-piece long hex sockets, 4-13 mm
1 piece ratchet wrench, 140 mm
2-piece extensions, 50, 100 mm
1 piece T-handle
1 piece universal joint
1 piece 1/4" bits and socket handle
1 piece bit adapter, 1/4" x 1/4"
1 piece bit adapter, tap, 1/4" x 1/4"
1 piece bits holder with magnet, 75 mm
Bits 1/4", length 25 mm:
3-piece Slot bits, 4, 5.5, 7 mm
4-piece Phillips bits, PH0, PH1, PH2, PH3
3-piece Pozidrive bits, PZD1, PZD2, PZD3
6-piece Hex head bits, 3, 4, 5, 6, 8, 10 mm
8-piece bits for Torx* no., T8, T10, T15, T20, T25, T27, T30, T40
Bits 5/16", length 32 mm:
3-piece bits for Torx* no., T45, T50, T55
1/2" set:
14-piece Hex sockets, 10, 11, 12, 13, 14, 15, 16, 17, 19, 22, 24, 27, 30, 32 mm
1 piece ratchet wrench, 250 mm
2-piece extensions, 125, 250 mm
1 piece T-adapter, 3/8" x 1/2"
1 piece universal joint
1 piece spark plug socket, 21 mm
1 piece adapter, 5/16" x 1/2"
Other:
3-piece Hex keys, 1.5, 2, 2.5 mm
6-piece combination wrenches, 8, 10, 12, 13, 14, 17mm
4-piece flex head wrenches, 8x9, 10x11, 12x13, 14x15 mm

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Mechanic's set, 99-piece, inch and mm



This mechanic's set includes 2 socket wrench sets (1/4" and 1/2"), combination wrenches, swivel head wrenches, and screw tools. Together they solve most mechanical problems, both small and big. Behind the lexan plastic covers there are 12 variable compartments, suitable for supplementary tools or storing nuts, bolts and screws. Dimensions: 480x480x110 mm.

Description	Article No
Socket wrench set, 1/4" and 1/2", mm and inch	K 25016

Content
1/4" set:
12 pcs. 6-point sockets, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
9 pcs. 6-point sockets, long, 4, 5, 6, 7, 8, 9, 10, 12, 13 mm
6 pcs. hex head bits, 3, 4, 5, 6, 8, 10 mm
3 pcs. slot screwdriver bits, 4, 5.5, 7 mm
4 pcs. Phillips bits, PH1, PH2, PH3, PH4
8 pcs. bits for Torx*, T8, T10, T15, T20, T25, T27, T30, T40
1 pc. 1/4" bits and socket handle
1 pc. bits adapter, 1/4" x 1/4"
1 pc. ratchet wrench, 140 mm
2 pcs. extensions, 50, 100 mm
1 pc. T-handle
1 pc. universal joint
1/2" set:
15 pcs. 6-point sockets, 10, 12, 13, 14, 15, 16, 17, 18, 20, 21, 23, 24, 27, 32, 34 mm
9 pcs. 6-point sockets, 3/8, 7/16, 1/2, 9/16, 11/16, 3/4, 13/16, 7/8, 1 3/16"
1 pc. ratchet wrench, 250 mm
2 pcs. extensions, 125, 250 mm
1 pc. T-adapter, 3/8"x 1/2"
1 pc. universal joint
1 pc. spark plug socket, 21 mm
Other:
3 pcs. 6-point wrenches, 1.5, 2, 2.5 mm
13 pcs. combination wrenches, 7-19 mm
4 pcs. swivel head wrenches, 8x9, 10x11, 12x13, 14x15 mm

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Mechanic's set, 139-piece, inch and mm



A complete heavyweight with a total of 139 tools, meeting almost all possible needs. The mechanic's set includes 3 socket wrench sets (1/4", 3/8", and 1/2"), with a wide range of sockets, combination wrenches, flex wrenches, extensions, joints as well as bits tools. Also includes three extra close-stepped ratchet wrenches with 2-component grip. Dimensions: 480x480x110 mm.

Description	Article No
Socket wrench set, 1/4", 3/8" and 1/2", mm and inch	K 25017

Content
1/4" set:
12 pcs. 6-point sockets, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
10 pcs. 6-point sockets, long, 4-13 mm
1 pc. ratchet wrench, 140 mm
4 pcs. extensions, 50, 100, 150, 300 mm
1 pc. T-handle
1 pc. universal joint
1 st 1/4" bits and socket handle
Bits 1/4", length 25 mm:
1 pc. bits ratchet wrench, 90 mm
3 pcs. slot bits, 4, 5.5, 7 mm
3 pcs. Phillips bits, PH1, PH2, PH3
3 pcs. Pozidrive bits, PZD1, PZD2, PZD3
6 pcs. hex head bits, 3, 4, 5, 6, 8, 10 mm
10 pcs. bits for Torx*, T8, T10, T15, T20, T25, T27, T30, T40, T45, T50
2 pcs. bits adapters, 1/4" x 1/4", 3/8" x 5/16"
3/8" set:
15 pcs. 6-point sockets, 8-22 mm
1 pc. ratchet wrench, 205 mm
2 pcs. extensions, 75, 150 mm
1 pc. universal joint
3 pcs. spark plug sockets, 16, 18, 21 mm
1 pc. flex handle with rubber grip, 215 mm
8 pcs. 12-point crowfeet, 10, 11, 13, 14, 15, 17, 18, 19 mm
1/2" set:
16 pcs. 6-point sockets, 10, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 23, 24, 27, 32, 34 mm
9 pcs. 6-point sockets, 3/8, 7/16, 1/2, 9/16, 11/16, 3/4, 13/16, 7/8, 1 3/16"
1 pc. ratchet wrench, 250 mm
2 pcs. extensions, 125, 250 mm
1 pc. T-adapter, 3/8" x 1/2"
1 pc. universal joint
Other:
13 pcs. combination wrenches, 7-19 mm
4 pcs. swivel head wrenches, 8x9, 10x11, 12x13, 14x15 mm
3 pc. hex head wrenches, 1.5, 2, 2.5 mm

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Mechanic's set, 166-piece, mm



A real heavyweight and the largest mechanic's set in the Kamasa Tools range, meeting almost all possible needs. The kit has extra tools for Torx and hex head solutions. The mechanic's set includes a total of 3 socket wrench sets (1/4", 3/8" and 1/2"), with a wide range of socket bits, crowfeet, as well as both short and long sockets and a wide range of combination wrenches (6-22 mm), extensions, joints, and bits tools. Also includes three extra close-stepped ratchet wrenches with 2-component grip. Dimensions: 480x480x110 mm.

Description	Article No
Socket wrench set, 1/4", 3/8" and 1/2", mm	K 25018

Content
1/4" set:
12 pcs. 6-point sockets, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13 mm
10 pcs. 6-point sockets, long, 4-13 mm
1 pc. ratchet wrench, 140 mm
4 pcs. hex head bit sockets, 3, 4, 5, 6 mm
7 pcs. bit sockets for Torx*, T8, T10, T15, T20, T25, T27, T30
3 pcs. sockets for external Torx*, E6, E7, E8
3 pcs. extensions, 75, 150, 300 mm
1 pc. T-handle
1 pc. universal joint
1 pc. close-stepped bits ratchet wrench, 90 mm
Bits 1/4", length 25 mm:
3 pcs. slot bits, 4, 5.5, 7 mm
3 pcs. Phillips bits, PH1, PH2, PH3
3 pcs. Pozidrive bits, PZD1, PZD2, PZD3
6 pcs. hex bits, 3, 4, 5, 6, 8, 10 mm
7 pcs. bits for Torx*, T8, T10, T15, T20, T25, T27, T30
3 pcs. 3/16" bits for Torx*, T40, T45, T50
1 pc. bits adapter, 1/4" x 1/4"
3/8" set:
15 pcs. 6-point sockets, 8-22 mm
3 pcs. spark plug sockets, 16, 18, 21 mm
10 pcs. 12-point crowfeet, 10-19 mm
1 pc. ratchet wrench, 205 mm
2 pcs. extensions, 75, 150 mm
1 pc. universal joint
1 pc. flex handle with rubber grip, 215 mm
1 pc. bits adapter, 3/8" x 5/16"
1/2" set:
19 pcs. 6-point sockets, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27, 30, 32, 34 mm
9 pcs. hex head bit sockets, 5, 6, 7, 8, 10, 12, 14, 17, 19 mm
4 pcs. hex head bit sockets, long, 7, 8, 10, 12 mm
5 pcs. bit sockets for Torx*, T40, T45, T50, T55, T60
4 pcs. sockets for external Torx*, E10, E12, E14, E16
1 pc. ratchet wrench, 250 mm
2 pcs. extensions, 125, 250 mm
1 pc. T-adapter, 3/8" x 1/2"
1 pc. universal joint
Other:
17 pcs. combination wrenches: 6-22 mm

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Adjustable wrenches, standard



Adjustable wrench with mm scale, hardened jaws with 10% larger opening width. Extra "tight" mechanism minimizes play. Wider grip for improved comfort. Black-annealed.

Length mm	Length inch	Grip width mm	Article No
100	4	17	K 7254
150	6	23	K 7256
200	8	28	K 7258
250	10	32	K 7260
300	12	38	K 7262
375	15	50	K 7265
450	18	60	K 7268
600	24	60	K 7275

FLEX HEAD WRENCHES



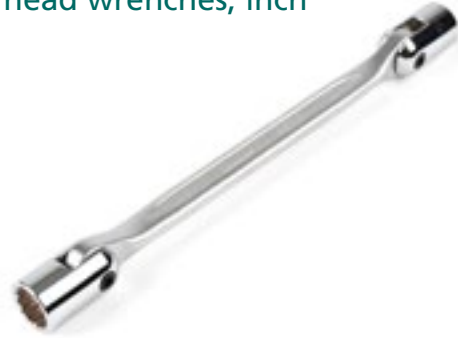
Flex head wrenches, mm



Extra thin, deep sockets for optimal access. Chrome finish. All sockets are screwed into the handle.

Dimension mm	Article No
6x7	K 2420
8x9	K 2421
10x11	K 2422
12x13	K 2423
14x15	K 2424
16x17	K 2425
18x19	K 2426
20x22	K 2427
21x23	K 10510
24x27	K 10511

Flex head wrenches, inch



Extra thin, deep sockets for optimal access. Chrome finish. All sockets are screwed into the handle.

Dimension Inch	Article No
3/8" x 7/16"	K 2428
1/2" x 9/16"	K 2429
5/8" x 11/16"	K 2430
3/4" x 7/8"	K 2431

Flex head wrench set, mm



Extra thin, deep sockets for best access. All sockets are screwed into the handle. Roll-up case.

Description	Article No
Flex head wrench set, 6-piece	K 2432

Content
Dimension mm
8x9
10x11
12x13
14x15
16x17
18x19

Combination wrenches, mm



Bright chrome and polished combination wrenches with 15° angled ring part.

Dimension mm	Length mm	Article No
6	100	K 10000
7	110	K 10001
8	120	K 10002
9	130	K 10003
10	140	K 10004
11	150	K 10005
12	160	K 10006
13	170	K 10007
14	180	K 10008
15	190	K 10009
16	200	K 10010
17	210	K 10011
18	220	K 10012
19	230	K 10013
20	240	K 10014
21	250	K 10015
22	260	K 10016
23	270	K 10017
24	280	K 10018
25	290	K 10019
26	300	K 10020
27	310	K 10021
28	320	K 10022
29	330	K 10023
30	340	K 10024
32	360	K 10025
33	380	K 1217
36	410	K 1218
38	430	K 1219
41	460	K 1220
46	500	K 1221
50	540	K 1222
55	600	K 10700
60	650	K 10701
65	700	K 10702

Combination wrench set, 8-19 mm in box



Bright chrome and polished combination wrenches with 15° angled ring part. The insert can be removed from the box and has the dimensions: 255x165x45 mm.

Description	Article No
Combination wrench set, 12-piece	K 10026

Content
Dimension mm
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

Combination wrench set, 8-19 mm



Combination wrenches packed in wear-resistant roll-up case.

Description	Article No
Combination wrench set in roll-up case, 12-piece	K 10027

Content
Dimension mm
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

COMBINATION WRENCHES



Combination wrench set, 20-32 mm



Combination wrenches packed in wear-resistant roll-up case.

Description	Article No
Combination wrench set in roll-up case, 12-piece	K 10028

Content
Dimension mm
20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 32

Combination wrench set, 8-19 mm, long



Extra long combination wrenches in plastic hanger that can also be screwed to the wall as holder.

Description	Article No
Combination wrench set long, 12-piece	K 10042

Content
Dimension mm
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

Combination wrenches, long, mm



Extra long bright chrome and polished combination wrenches with 15° angled ring part.

Dimension mm	Length mm	Article No
7	138	K 10029
8	147	K 10030
9	159	K 10031
10	166	K 10032
11	185	K 10033
12	195	K 10034
13	204	K 10035
14	222	K 10036
15	232	K 10037
16	242	K 10038
17	261	K 10039
18	272	K 10040
19	280	K 10041

Combination wrenches, angled, mm



Bright chrome and polished angled combination wrenches. Jaw angle 15 degrees, handle angle 10 degrees.

Dimension mm	Length mm	Article No
8	115	K 1330
9	125	K 1331
10	135	K 1332
11	145	K 1333
12	155	K 1334
13	170	K 1335
14	185	K 1336
15	185	K 1337
16	205	K 1338
17	220	K 1339
18	230	K 1340
19	245	K 1341

Combination wrench set, angled, 8-19 mm



Combination wrenches with 15° jaw angle. Handle angle 10 degrees. Packed in a hard-wearing roll-up case.

Description	Article No
Combination wrench set angled, 12-piece	K 1342

Content
Dimension mm
8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

Adapter set for combination wrenches



Easily adapts wrenches to very compact socket or bits tools. The adapter for socket tool has a recessed quick-release button for the socket. The adapters have a high polished chrome finish.

Description	Article No
Adapter set for wrenches, 5-piece	K 2802

Content	Dimension
Dimension mm	Dimension
10	1/4 drive
10	1/4 bit drive
13	5/16 bit drive
13	3/8 drive
19	1/2 drive

Combination wrenches with ratchet , mm



With close-step, 72 teeth mechanism, requires only 5° of movement. Durable mechanism with reversing that can be changed without removing the wrench from the bolt or nut. Chromed silk finish.

Dimension mm	Length mm	Article No
6	130	K 2718
8	140	K 2560
9	150	K 2561
10	159	K 2562
11	165	K 2563
12	172	K 2564
13	178	K 2565
14	191	K 2566
15	200	K 2567
16	208	K 2568
17	226	K 2569
18	237	K 2570
19	248	K 2571
21	270	K 2719
22	290	K 2815
24	323	K 2816
27	331	K 2817

COMBINATION WRENCHES



Combination wrench set with ratchet, 10-19 mm



With close-step, 72 teeth mechanism, requires only 5° of movement. Durable mechanism with reversing that can be changed without removing the wrench from the bolt or nut. Chromed bright finish.

Description	Article No
Combination wrench set with ratchet, 7-piece	K 2824

Content
Dimension mm
10, 12, 13, 14, 16, 17, 19

Combination wrenches with ratchet, short, mm



With close-step, 72 teeth mechanism, requires only 5° of movement. Durable mechanism with reversing that can be changed without removing the wrench from the bolt or nut. Chromed bright finish.

Dimension mm	Length mm	Article No
10	95	K 2825
12	106	K 2826
13	108	K 2827
14	115	K 2828
16	123	K 2821

Combination wrenches with ratchet, long, mm



Extra long combination wrenches with ratchet. Close-stepped mechanism, 72 teeth, requires only 5 degrees of movement. Durable mechanism with reversing that can be changed without removing the wrench from the bolt or nut. Chromed bright finish.

Dimension mm	Length mm	Article No
8	160	K 10100
10	190	K 10101
11	210	K 10102
12	220	K 10103
13	240	K 10104
14	255	K 10105
16	295	K 10106
17	310	K 10107
19	350	K 10108

Combination wrenches with ratchet, flexible



With close-step, 72 teeth mechanism, requires only 5° of movement. Durable mechanism without reversing. Chromed silk finish.

Dimension mm	Length mm	Article No
8	127	K 2549
10	137	K 2553
11	140	K 2550
12	147	K 2554
13	153	K 2555
14	160	K 2556
16	178	K 2557
17	189	K 2558
18	203	K 2551
19	213	K 2559

Combination wrench set with ratchet, flexible, 10-19 mm



With close-step, 72 teeth mechanism, requires only 5° of movement. Durable mechanism without reversing. Chromed bright finish.

Description	Article No
Combination wrench set with ratchet, flexible, 7-piece	K 2823

Content
Dimension mm
10, 12, 13, 14, 16, 17, 19

Box-end ratchet wrenches, mm



Extra long box-end ratchet wrenches with flexible ring ends of double dimensions. Extra close-step ratchet mechanisms with 90 teeth requires only 4 degrees of movement. The wrenches are reversible and the 12-point rings protrude on one side for better access. With their extra length they are excellent tools for accessing bolts in tight spaces, e.g., in engine compartments or around transmissions.

Dimension mm	Length mm	Article No
8x10	315	K 2840
12x14	395	K 2841
13x15	405	K 2842
16x18	420	K 2843
17x19	460	K 2844

Starter motor keys



The special U-shape gives access to screw joints in tight spaces. It is reversible and close-stepped and only needs a movement of 5°. Manufactured in chrome vanadium-steel and chrome plated.

Dimension mm	Article No
6x8	K 10110
10x11	K 10111
12x13	K 10112
14x15	K 10113
16x17	K 10114
18x19	K 10115

Starter motor keys, Torx*



The special U-shape gives access to screw joints in tight spaces.

Dimension Torx* no.	Article No
E6xE8	K 10145
E10xE12	K 10146
E14xE18	K 10147
E20xE24	K 10148

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COMBINATION WRENCHES



Combination wrenches, inch



Bright chrome and polished combination wrenches with 15° angled ring part. Wrenches with inch dimension according to American (ANSI) type.

Dimension Inch	Length mm	Article No
1/4"	100	K 1285
5/16"	120	K 1286
3/8"	140	K 1287
7/16"	150	K 1288
1/2"	170	K 1289
9/16"	180	K 1290
5/8"	200	K 1292
11/16"	210	K 1293
3/4"	230	K 1294
13/16"	260	K 1295
7/8"	270	K 1296
15/16"	280	K 1297
1"	290	K 1298
1 1/16"	310	K 1299
1 1/8"	330	K 1300
1 1/4"	358	K 1301
1 3/8"	400	K 1302
1 7/16"	405	K 1303
1 1/2"	405	K 1304

Combination wrench set, 1/4"-3/4"



Combination wrenches packaged in a durable roll-up case.

Description	Article No
Combination wrench set, 9-piece	K 1254
Content	
Dimension inch	
1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	

Combination wrenches with ratchet, inch



72 teeth mechanism, requires only 5° of movement.

Dimension Inch	Length mm	Article No
3/8"	159	K 2572
7/16"	165	K 2573
1/2"	178	K 2574
9/16"	190	K 2575
5/8"	208	K 2576
11/16"	225	K 2577
3/4"	248	K 2578

Combination wrench set with ratchet, 3/8" - 3/4"



With close-step, 72 teeth mechanism, requires only 5° of movement. Durable mechanism with reversing that can be changed without removing the wrench from the bolt or nut. Chromed bright finish.

Description	Article No
Combination wrench set with ratchet, 7-piece	K 2820

Content
Dimension inch
3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"

Boxed wrench with ratchet: Torx



Tough interlock mechanism with close-step, 72 teeth mechanism, requires only 5° of movement. Chromed silk finish. Two dimensions per wrench.

Dimension Torx* no.	Length mm	Article No
E6xE8	120	K 2960
E10xE12	137	K 2961
E14xE18	178	K 2962
E18xE20	200	K 2964
E22xE24	223	K 2966

* Torx® is a registered trademark of Acument Intellectual Properties LLC.

Wrench for Torx*



Wrench with both ends boxed. Two dimensions per wrench

Description	Article No
Torx wrench set, 2 piece	K 2953

Content
Dimension Torx* no.
E6xE8
E10xE12

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Double-deep offset wrenches, mm



Wrenches with polished chrome finish and with box-ends at both ends. Two dimensions per wrench.

Dimension mm	Length mm	Article No
6x7	165	K 10070
8x9	180	K 10071
10x11	200	K 10072
12x13	225	K 10073
14x15	235	K 10074
16x17	245	K 10075
18x19	255	K 10076
20x22	295	K 10077
21x23	295	K 10078
24x26	360	K 10079
24x27	370	K 10080
25x28	370	K 10081
30x32	380	K 10082

COMBINATION WRENCHES



Open-ended wrenches, mm



Bright chrome and polished open-ended wrenches. Two dimensions per wrench.

Dimension mm	Article No
14x15	K 10090
16x17	K 10091
18x19	K 10092
20x22	K 10093
21x23	K 10094
24x27	K 10095
30x32	K 10096

Open-end wrenches, mm



Wrenches with polished chrome finish and with open-end jaw at both ends. Two dimensions per wrench.

Dimension mm	Length mm	Article No
6x7	115	K 10050
8x9	127	K 10051
10x11	133	K 10052
12x13	165	K 10053
14x15	185	K 10054
16x17	198	K 10055
18x19	225	K 10056
20x22	240	K 10057
21x23	245	K 10058
22x24	255	K 10059
23x26	275	K 10060
24x27	295	K 10061
30x32	340	K 10062

Impact wrenches



Impact wrenches made from hardened chrome vanadium steel.

Dimension mm	Length mm	Article No
27	175	K 10493
30	190	K 10494
32	190	K 10495
36	210	K 10496
41	230	K 10497
46	250	K 10498
50	280	K 10499
55	300	K 10500
60	320	K 10501
65	340	K 10502
70	370	K 10503
75	380	K 10504
80	400	K 10505
85	400	K 10506
90	450	K 10507
95	450	K 10508
100	490	K 10509

Slogging wrench, boxed



Slogging wrench made from hardened chrome vanadium steel.

Dimension mm	Length mm	Article No
27	175	K 10710
30	185	K 10711
32	185	K 10712
36	210	K 10713
38	210	K 10714
41	230	K 10715
46	230	K 10716
50	250	K 10717
55	270	K 10718
60	270	K 10719
65	300	K 10720
70	320	K 10721
75	330	K 10722
80	350	K 10723
85	360	K 10724
90	390	K 10725

WRENCHES



Pipe wrenches



Polished chrome pipe wrenches suitable for joints with long threads. 6-point socket at the long end and a through 12-point socket at the short end.

Dimension mm	Article No
6	K 10120
7	K 10121
8	K 10122
9	K 10123
10	K 10124
11	K 10125
12	K 10126
13	K 10127
14	K 10128
15	K 10129
16	K 10130
17	K 10131
18	K 10132
19	K 10133
20	K 10134
21	K 10135
22	K 10136
23	K 10137
24	K 10138
27	K 10139
30	K 10140
32	K 10142

Brake wrenches, mm



Wrenches with slot for pipe/hose. Suitable for brake pipes and AC pipes.

Dimension mm	Article No
10x11	K 2956
12x13	K 2957

Brake wrench set, mm



Wrenches with slot for pipe/hose. Suitable for brake pipes and AC pipes.

Description	Article No
Brake wrench set, 2 piece	K 2952

Content
Dimension mm
10x11
12x13

Flange nut wrenches, flexible



Flexible wrenches with slot for pipe/hose. Suitable for brake pipes and AC pipes.

Dimension mm	Article No
7	K 10730
8	K 10731
10	K 10732
11	K 10733
12	K 10734
13	K 10735

T-wrenches with spark plug socket



Thin-walled spark plug sockets with integral torque limiter to minimize overloading.

Dimension mm	Length mm	Capacity Nm	Article No
14	545	19	K 2678
16	545	20	K 2676
21	590	25	K 2677

LIGHT VEHICLES

Engine tools.....	10	Oil service tool	42	Automotive tools.....	80
Engine locking tools	24	Special pliers.....	53	Tools for electric & hybrid vehicles	88
Holding tools.....	38	Pullers	57		
Tension tools	40	Brake tools.....	74		

Light vehicles

HEAVY VEHICLES

Special sockets	92	Socket tools 1"	104	Screwdriver tools.....	111
Pullers	94	Socket wrench sets 1/2"	106	Pliers.....	112
Pneumatic tools.....	96	Socket tools 3/4"	107	Impact tools.....	113
Socket wrench sets 3/4"	99	Wrenches	108		

Heavy vehicles

WORKSHOP EQUIPMENT

Electric tools	116	Measurement tools.....	147
Pneumatic tools.....	121		
Lifting equipment	136		
Workshop equipment.....	140		

Workshop equipment

SOCKET TOOLS

Socket tools 1/4"	150	Socket tools 1"	197
Socket tools 3/8"	155		
Socket tools 1/2"	169		
Socket tools 3/4"	192		

Socket tools

SOCKET WRENCH SETS

Socket wrench sets 1/4"	200	Mechanic's sets.....	204
Socket wrench sets 3/8"	201		
Socket wrench sets 1/2"	202		
Socket wrench sets 3/4"	203		

Socket wrench sets

WRENCHES

Adjustable wrenches	210
Flex head wrenches	211
Combination wrenches.....	212
Wrenches	221

Wrenches

SCREWDRIVER TOOLS

Screwdrivers.....	224
Bits	230
Hex keys	235

Screwdriver tools

PLIERS

Cutters	240	Lock ring pliers.....	247
Vicégrip pliers.....	241	Hose pliers	249
Pliers.....	242	Holding pliers.....	253
Fine mechanics pliers.....	246	Shears	255

Pliers

IMPACT TOOLS

Hammers.....	258
Drift pin	260
Impact tools.....	262

Impact tools

SHARP-EDGED TOOLS

Drills	266
Files	273
Cutters	275
Sharp-edged tools.....	276

Sharp-edged tools

STORAGE

Tool trolleys	283	Workshop interior.....	311
Tool sets.....	293		
Tool cabinets.....	309		
Tool boxes.....	310		

Storage

Mini screwdrivers



Dimension	Length mm	Article No
1.4	130	K 6386
2	130	K 6387
2.4	130	K 6388
3	130	K 6389
PH00	130	K 6398
PH0	130	K 6399

Mini screwdrivers, set

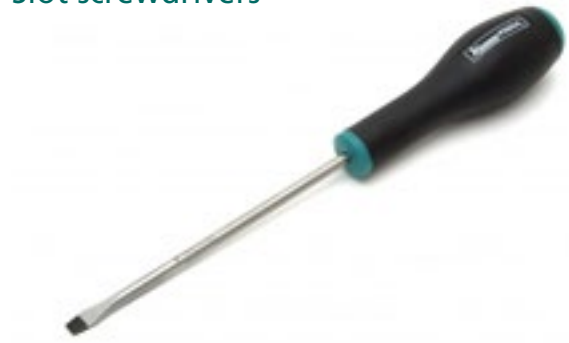


Rubber handle with rotating top. For slot and Phillips screws

Description	Article No
Precision screwdriver set 6-piece	K 6352

Content	Längd mm
Dimension	
1.4	130
2	130
2.4	130
3	130
PH00	130
PH0	130

Slot screwdrivers



Long, rubberized handles with wide body for maximum turning power. The small front diameter makes for fast tightening and loosening of screws.

Dimension mm	Blade length mm	Article No
3	75	K 63036
4	25 Stubby	K 63043
4	100	K 63037
4	400	K 63028
5.5	125	K 63038
5.5	400	K 63029
6.5	25 Stubby	K 63044
6.5	150	K 63039
8	175	K 63040
10	200	K 63041
12	250	K 63042

Slot head screwdrivers with through-blade



Through-blades that withstand high loads. The screwdrivers are also provided with a bigger 6-point attachment for extra turning power. Long, rubberized handles with wide body for maximum torsional strength. The small front diameter makes for fast tightening and loosening of screws.

Dimension mm	Blade length mm	Article No
6.5	150	K 63001
8	150	K 63002
10	200	K 63003

SCREWDRIVERS



Phillips screwdrivers



Long, rubberized handles with wide body for maximum turning power. The small front diameter makes for fast tightening and loosening of screws.

Dimension	Blade length mm	Article No
PH1	25 Stubby	K 63048
PH1	80	K 63045
PH1	400	K 63030
PH2	25 Stubby	K 63049
PH2	100	K 63046
PH2	400	K 63031
PH3	150	K 63047

Phillips screwdrivers with through-blade



Through-blades that withstand high loads. The screwdrivers are also provided with a bigger 6-point attachment for extra turning power. Long, rubberized handles with wide body for maximum torsional strength. The small front diameter makes for fast tightening and loosening of screws.

Dimension	Blade length mm	Article No
PH1	80	K 63004
PH2	100	K 63005
PH3	150	K 63006

Pozidrive screwdrivers



Screwdrivers with long, rubberized handles and wide body for maximum turning power. Handle with small front diameter makes for fast tightening and loosening of screws.

Dimension	Blade length mm	Article No
PZD1	25 Stubby	K 63053
PZD1	80	K 63050
PZD2	25 Stubby	K 63054
PZD2	100	K 63051
PZD3	150	K 63052

Torx* screwdrivers



Long, rubberized handles with wide body for maximum turning power. The small front diameter makes for fast tightening and loosening of screws.

Dimension	Blade length mm	Article No
T8	60	K 63055
T10	80	K 63056
T10	400	K 63021
T15	80	K 63057
T15	400	K 63022
T20	100	K 63058
T20	400	K 63023
T25	100	K 63059
T25	400	K 63024
T27	115	K 63060
T30	115	K 63061
T30	400	K 63025
T40	130	K 63062

* Torx® is a registered trademark of Acument Intellectual Properties LLC.

Screwdriver set, 4-piece



A set with the most used screwdrivers, covering the most common screw heads. Long, rubberized handles with wide body for maximum turning power. Handle with small front diameter makes for fast tightening and loosening of screws.

Description	Article No
Screwdriver set, 4-piece	K 63063

Content	
Dimension	Length mm
3.0	75
6.5	150
PH2	100
PZD2	100

Screwdriver set, 6-piece



6-piece set for most screw heads. Long, rubberized handles with wide body for maximum turning power. Handle with small front diameter makes for fast tightening and loosening of screws.

Description	Article No
Screwdriver set, 6-piece	K 63065

Content	
Dimension	Length mm
3.0	75
6.5	150
PH1	80
PH2	100
PZD1	80
PZD2	100

Screwdriver set with through-blade, 6-piece



Through-blades that withstand high loads. The screwdrivers are also provided with a bigger 6-point attachment and rubberized handles with wide body for maximum turning power. The small front diameter makes for fast tightening and loosening of screws.

Description	Article No
Screwdriver set 6-piece	K 63007

Content	
Dimension	Length mm
6.5	150
8.0	150
10.0	200
PH1	80
PH2	100
PH3	150

Screwdriver set PH and PZD, 6-piece



6-piece set that can handle all Phillips-shaped screw heads. Long, rubberized handles with wide body for maximum turning power. Handle with small front diameter makes for fast tightening and loosening of screws.

Description	Article No
Screwdriver set, 6-piece	K 63064

Content	
Dimension	Length mm
PH1	80
PH2	100
PH3	150
PZD1	80
PZD2	100
PZD3	150

SCREWDRIVERS



Screwdriver set Torx*, 6-piece



A set with a wide range of screwdrivers covering most of all Torx* screw heads. Long, rubberized handles with wide body for maximum turning power. The small front diameter makes for fast tightening and loosening of screws.

Description	Article No
Screwdriver set 6-piece	K 63066

Content	
Dimension	Length mm
T10	80
T15	80
T20	100
T25	100
T27	115
T30	115

* Torx® is a registered trademark of Acument Intellectual Properties LLC.

Screwdriver set with extra long blade, Torx*, 5-piece



A set with extra long screwdrivers covering a wide range of Torx screw heads. Long, rubberized handles with wide body for maximum turning power. The small front diameter makes for fast tightening and loosening of screws.

Description	Article No
Screwdriver set, 5-piece	K 63026

Content	
Dimension	Length mm
T10	400
T15	400
T20	400
T25	400
T30	400

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Screwdriver set extra long blade, 4-piece



A set with extra long screwdrivers covering the most common screw heads. Long, rubberized handles with wide body for maximum turning power. The small front diameter makes for fast tightening and loosening of screws.

Description	Article No
Screwdriver set, 4-piece	K 63032

Content	
Dimension	Length mm
4.0	400
5.5	400
PH1	400
PH2	400

Hose clamp screwdrivers, mm



Long, rubberized handles with wide body for maximum turning power. The small front diameter makes for fast tightening and loosening of screws. Heavy-duty spiral blade with 6-point (hex) socket end.

Dimension mm	Blade length mm	Article No
6	160	K 63009
7	160	K 63010
8	160	K 63011
10	160	K 63012

Hose clamp screwdriver set, mm, 4-piece



A set with a wide range of screwdrivers covering many 6-point (hex) hose clamp screw heads. Long, rubberized handles with wide body for maximum turning power. The small front diameter makes for fast tightening and loosening of screws. Heavy-duty spiral blade with 6-point socket end.

Description	Article No
Hose clamp screwdrivers, 4-piece	K 63013

Content	
Dimension mm	Length mm
6	160
7	160
8	160
10	160

Screwdriver handle for sockets



Long, rubberized handle with wide body for maximum turning power. The small front diameter makes for fast tightening and loosening of screws.

Dimension Inch	Blade length mm	Article No
1/4"	60	K 63035

Bit holder screwdriver



Rubberized handle with wide body for maximum torsional strength. The small front diameter makes for fast tightening and loosening of screws.

Dimension Inch	Blade length mm	Article No
1/4"	10	K 63033
1/4"	100	K 63034

Impact screwdriver set, 8-piece



Description	Article No
Impact screwdriver set, 8 pieces	K 6390

Content
1-piece Impact screwdriver
1-piece Bits holder for 5/16"
2-piece Screwdriver bits, 8, 10 mm
2-piece Phillips bits, PH2, PH3
2-piece Pozidrive bits, PZD2, PZD3

SCREWDRIVERS



Bit for impact screwdriver, slot



For 5/16" bit holder.

Dimension mm	Article No
8	K 6391
10	K 6392

Bit for impact screwdriver, Phillips



For 5/16" bit holder.

Dimension	Article No
PH2	K 6393
PH3	K 6394

Bit for impact screwdriver, Pozidrive



For 5/16" bit holder.

Dimension	Article No
PZD2	K 6395
PZD3	K 6396

Bits, Phillips, long



Contains pc/pack.	Dimension	Length mm	Article No
3	PH1	50	K 11140
3	PH2	50	K 11141
3	PH3	50	K 11142

Bits, Torx*, long



Contains pc/pack.	Dimension	Length mm	Article No
3	T10	50	K 11146
3	T15	50	K 11147
3	T20	50	K 11148
3	T25	50	K 11149
3	T27	50	K 11150
3	T30	50	K 11151
3	T40	50	K 11152

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Bits, Pozidrive, long



Contains pc/pack.	Dimension	Length mm	Article No
3	PZD1	50	K 11143
3	PZD2	50	K 11144
3	PZD3	50	K 11145

Bits, Hex head, long



Contains pc/pack.	Dimension mm	Length mm	Article No
3	4	50	K 11153
3	5	50	K 11154

BITS



Bits, Phillips



Contains pc/pack.	Dimension	Length mm	Article No
3	PH0	25	K 11100
3	PH1	25	K 11101
3	PH2	25	K 11102
3	PH3	25	K 11103
3	PH4	35	K 11104

Bits, Pozidrive



Contains pc/pack.	Dimension	Length mm	Article No
3	PZD0	25	K 11105
3	PZD1	25	K 11106
3	PZD2	25	K 11107
3	PZD3	25	K 11108
3	PZD4	35	K 11109

Bits, Torx*



Contains pc/pack.	Dimension	Length mm	Article No
3	T8	25	K 11113
3	T10	25	K 11114
3	T15	25	K 11115
3	T20	25	K 11116
3	T25	25	K 11117
3	T27	25	K 11118
3	T30	25	K 11119
3	T40	25	K 11120

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Bits, Hex key



Contains pc/pack.	Dimension mm	Length mm	Article No
3	2	25	K 11131
3	2.5	25	K 11132
3	3	25	K 11133
3	4	25	K 11134
3	5	25	K 11135
3	6	25	K 11136
3	7	35	K 11137
3	8	35	K 11138

Bits, Safety-Torx*



Dimension	Length mm	Article No
TP8	25	K 11122
TP10	25	K 11124
TP15	25	K 11125
TP20	25	K 11126
TP25	25	K 11127
TP27	25	K 11128
TP30	25	K 11129
TP40	25	K 11130

* Torx® is a registered trademark of Acument Intellectual Properties LLC.

Bit set, PH, PZD, slot, 12 pieces



Bit set, PH, PZD, slot, 12 pieces

Description	Article No
Bit set, 12 pieces, PH, PZD, slot	K 11162

Content
4 PH, PH1, 2xPH2, PH3
4 PZD, PZD1, 2xPZD2, PZD3
3 slots, 4.5, 5.5, 6.5
1 bit holder with magnet

Bit set, PH, PZD, 7 pieces



Bit set, PH, PZD, 7 pieces

Description	Article No
Bit set, 7 pieces, PH, PZD	K 11161

Content
3 PH bits, PH1, PH2, PH3
3 PZD bits, PZD1, PZD2, PZD3
1 bit holder with magnet

Bit set, Torx*, 7 pieces



Bit set, Torx*, 7 pieces

Description	Article No
Bit set, 1/4" 7 pieces, Torx*	K 11160

Content
6 Torx bits, T10, T15, T20, T25, T30, T40
1 bit holder with magnet

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BITS



6-point sockets, magnetic, mm



Dimension mm	Length mm	Article No
6	42	K 11170
8	42	K 11171
10	42	K 11172

Bit holder with magnet and lock



Bit holder with magnet and lock.

Hole	Length mm	Article No
1/4"	68	K 21069

Bit holder with magnet



Hole	Drive Inch	Length mm	Article No
1/4"	1/4"	60	K 11173

Bit set, 31-piece



Practical set with belt clip containing 30 different bits and bits holder.

Description	Article No
Bit set, 31-piece	K 6128

Content
5-piece Philips, PH1, 3xPH2, PH3
5-piece PZD, PZD1, 3xPZD2, PZD3
10-piece Torx*, T7, T8, T9, T10, T15, T20, T25, T27, T30, T40
4-piece Slot, 5-6-7-8 mm
4-piece Hex key, 3-4-5-6 mm
2-piece Robertson, R1, R2
1-piece Machine bits holder

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Bit holder with quick-release chuck



Hole	Drive Inch	Length mm	Article No
1/4"	1/4"	60	K 11174

Bit adapters



Hole	Length mm	Article No
1/4"	25	K 6079
1/4"	50	K 21067

Bits adapter, drive



Drive Inch	Drive Square	Article No
1/4"	1/4"	K 3915

Bit adapter, 1/4" with lock



Bit adapter with lock.

Hole	Length mm	Article No
1/4"	23	K 21068

Bits adapters



Hole	Drive Square	Article No
1/4"	3/8"	K 21065
5/16"	3/8"	K 21064
5/16"	1/2"	K 21066

HEX KEYS



T-wrench set with ball



Hex keys with T-handle for comfortable grip. Blades made of durable S2 steel.

Description	Article No
T-wrenches Hex head, 5 piece	K 1481

Content
Dimension mm
3, 4, 5, 6, 8

Hex keys with ball, long, mm



Contains pc/pack.	Dimension mm	Length mm	Article No
1	1.5	90	K 1450
1	2	100	K 1451
1	2.5	115	K 1449
1	3	126	K 1452
1	4	140	K 1453
1	5	160	K 1454
1	6	180	K 1455
1	8	200	K 1456
1	10	224	K 1457
1	12	250	K 1458

Hex keys, mm



Contains pc/pack.	Dimension mm	Length mm	Article No
1	14	155	K 1475
1	17	175	K 1476
1	19	200	K 1477

Hex keys, inch



Contains pc/pack.	Dimension Inch	Article No
1	7/16"	K 10410
1	1/2"	K 10411
1	9/16"	K 10412
1	5/8"	K 10413
1	3/4"	K 10414

Hex key set with ball, long, mm



Set with plastic holder. Rubberized tightening handle for better grip.

Description	Article No
Hex key set, mm	K 1410

Content
Dimension mm
1.5, 2, 2.5, 3, 4, 5, 6, 8, 10

Hex key set with ball, long, inch



Set with plastic holder. Rubberized tightening handle for better grip.

Description	Article No
Hex key set, inch	K 1411

Content
Dimension inch
1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 1/4, 5/16, 3/8"

Hex key set on ring, mm



Description	Article No
Hex key set, mm	K 1425

Content
Dimension mm
1.5, 2, 2.5, 3, 4, 5, 5.5, 6, 7, 8, 10

Hex key set on ring, inch



Description	Article No
Hex key set, inch	K 1424

Content
Dimension inch
1/16, 5/64, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, 3/8"

HEX KEYS



Folding set of Hex keys, mm



Folding set with composite handle. Made from S2 steel.

Description	Article No
Hex key set, mm	K 1413

Content
Dimension mm
2.5, 3, 4, 5, 6, 8, 10

Folding set of Torx* keys, mm



Folding set with composite handle. Made from S2 steel.

Description	Article No
Torx* wrench set, T8-T40	K 1414

Content
Dimension
T8, T10, T15, T20, T25, T27, T30, T40

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Hex key set for Torx*



Set with plastic holder. Supplied with rubberized tightening handle for better grip.

Description	Article No
Torx wrench set, T10-T50	K 1415

Content
Dimension
T10, T15, T20, T25, T27, T30, T40, T45, T50

* Torx® is a registered trademark of Acument Intellectual Properties LLC.

Key set for Safety-Torx*



Set with plastic holder. Supplied with rubberized tightening handle for better grip.

Description	Article No
Torx* wrench set, 9 piece	K 1412

Content
Dimension
TP10, TP15, TP20, TP25, TP27, TP30, TP40, TP45, TP50

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Heavy vehicles

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Workshop equipment

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Socket tools 1/4"	150	Socket tools 1"	197
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Socket tools

SOCKET WRENCH SETS

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Socket wrench sets 1/2"	202		
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Socket wrench sets

WRENCHES

Adjustable wrenches	210
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Wrenches

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Screwdriver tools

PLIERS

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IMPACT TOOLS

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Impact tools

SHARP-EDGED TOOLS

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Sharp-edged tools

STORAGE

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Storage

Side cutters



Cutters with compound action joints for high force and better power. The rubberized handles give good grip. Forged in nickel chromium steel with induction-hardened cutting edge.

Length mm	Cutting capacity steel wire mm ²	Article No
140	1.6	K 1112
160	1.6	K 1113
180	1.6	K 1114

Cable cutters



Cutter with compound action joints for high force and better power. The rubberized handles give good grip. Forged in nickel chromium steel with induction-hardened cutting edge.

Length mm	Cutting capacity copper cable mm ²	Article No
200	50	K 1124

End cutters



Cutter with compound action joints for high force and better power. The rubberized handles give good grip. Forged in nickel chromium steel with induction-hardened cutting edge.

Length mm	Cutting capacity steel wire mm ²	Article No
200	2.1	K 1123

VICEGRIP PLIERS



Water pump pliers



Slip jointed with milled head Forged of nickel chromium steel. Serrated jaws with pipe grip.

Length mm	Grip width mm	Article No
125	13	K 1133
250	47	K 1134
300	50	K 1135
400	105	K 1136

Water pump pliers



Double slip jointed for optimal stability. Forged from chrome nickel steel. Serrated jaws with pipe grip.

Length mm	Grip width mm	Article No
175	30	K 1117
250	45	K 1119
300	50	K 1118

Water pump pliers, Speedy



Box jointed with quick adjustment locking function. Effective, serrated, thin jaws with pipe grip. Plastic covered handles for simple cleaning.

Length mm	Grip width mm	Article No
250	50	K 1132
350	65	K 1145

Radio pliers, straight jaws



With serrated jaws and cutting function. Forged of nickel chromium steel with induction-hardened cutting edge. Compound action with high power for better force. Rubberized handle.

Length mm	Cutting capacity steel wire mm ²	Article No
140	1.7	K 1127
160	1.7	K 1128
200	1.7	K 1129

Radio pliers, curved jaws



With serrated jaws and cutting function. Forged of nickel chromium steel with induction-hardened cutting edge. Compound action with high power for better force. Rubberized handle.

Length mm	Cutting capacity steel wire mm ²	Article No
160	1.7	K 1130
200	1.7	K 1131

Needle nose pliers, straight nose



Needle nose pliers with plastic-covered shanks.

Length mm	Article No
280	K 262

Needle nose pliers, angled nose



Needle nose pliers with plastic-covered shanks.

Length mm	Article No
275	K 263

PLIERS



Combination pliers



Serrated jaws with pipe grip and cutting function. Forged of nickel chromium steel with induction-hardened cutting edge. Compound action with high power for better force. Rubberized handle.

Length mm	Cutting capacity steel wire mm ²	Article No
180	2.0	K 1125
200	2.3	K 1126

Nut pliers



These pliers are specially designed for a steady, powerful grip on hex nuts and screw heads.

Length mm	Max. grip width mm	Article No
250	30	K 1160

Pipe wrenches



Pipe wrenches with hardened, serrated jaws. Outer grip arm of sturdy sheet metal and inner grip arm of chrome vanadium steel.

Length mm	Grip width mm	Capacity inches	Article No
215	30	3/4	K 4833
295	30	1	K 4838
375	60	1 1/2	K 4835
490	70	2	K 4837

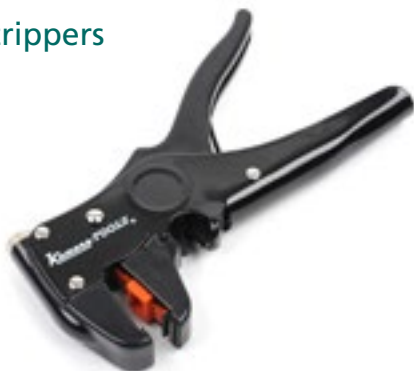
Pop rivet pliers



Housing of aluminum-alloy with sturdy handle. Jaws of hardened S45C steel for maximum life. Supplied with nozzle tool.

Length mm	Capacity mm	Article No
280	2.4, 3.2, 4.0, 4.8	K 1159

Wire strippers



Automatic wire strippers with 11 mm wide steel jaws for stripping cables of up to 6 mm². Adjustable stripping depth 3-20 mm. Built in cutting function.

Description	Article No
Pistol wire strippers	K 10492

Jaws for crimping tool



Jaws for crimping tool, K 248. For insulated crimp lugs.

Description	Article No
Jaws for crimping tool, insulated straight crimp lugs	K 10245
Jaws for crimping tool, insulated flag terminals	K 10246

Crimping tool



Built-in lock function that does not release until pressing is complete. Supplied with 6 sets of quick-change hardened jaws. Suitable for terminal types: Insulated, Uninsulated, Ferrules, and Cable lugs.

Dimension mm ²	Article No
0.5-16.0	K 248

Crimping pliers



For insulated and non-insulated cable shoes. With hardened cutter, bolt cutters M2.6-M5 and cable strippers. Comfortable grip.

Length mm	Article No
230	K 4515

PLIERS



Brake pipe pliers



Bending pliers for brake pipes made of copper or steel. Especially suitable for part adjustment on the vehicle. For pipe dimensions: 1/4" 3/16" 4.75 mm 6.00 mm

Length mm	Article No
230	K 10200

Removal pliers, exhaust system



Removal pliers for exhaust system suspension mounts. Makes the removal of exhaust system rubber suspension mounts much easier and saves time.

Length mm	Article No
360	K 10231

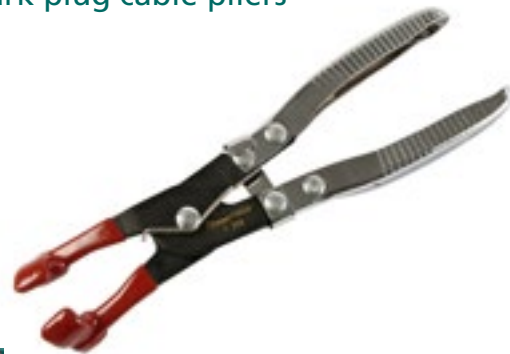
Pliers for plastic clips



Pliers for removing door panels and other interior trim attached with plastic clips.

Length mm	Article No
240	K 226

Spark plug cable pliers



Pliers for safe and simple removal of ignition cables from spark plugs.

Length mm	Article No
230	K 205

Side cutters, diagonal



Small, user-friendly carbon steel pliers with rubberized handles and durable return spring. Cuts 2.0 mm copper wire, 1.0 mm steel wire and 0.5 mm hard steel wire.

Length mm	Article No
115	K 7046

Radio pliers



Small, user-friendly carbon steel pliers with rubberized handles and durable return spring. Cuts 2.0 mm copper wire, 1.0 mm steel wire and 0.5 mm hard steel wire.

Length mm	Article No
125	K 7047

Combination pliers, mini



Small, user-friendly carbon steel pliers with rubberized handles and durable return spring. Cuts 2.0 mm copper wire, 1.0 mm steel wire and 0.5 mm hard steel wire.

Length mm	Article No
110	K 7044

LOCK RING PLIERS



Lock ring pliers for external lock rings



Lock ring pliers with straight jaws. Forged of chrome-nickel steel with hardened points.

Length mm	Point diameter mm	Dimension Ø mm	Article No
180	1,8	19 - 60	K 1139

Lock ring pliers for internal lock rings



Lock ring pliers with straight jaws. Forged of chrome-nickel steel with hardened points.

Dimension Ø mm	Length mm	Point diameter mm	Article No
8 - 25	140	0,9	K 1141
19 - 60	180	1,8	K 1143

Lock ring pliers for external lock rings, 90°



Lock ring pliers with bent jaws. Forged of chrome-nickel steel with hardened points.

Length mm	Point diameter mm	Dimension Ø mm	Article No
170	1,8	19 - 60	K 1140

Lock ring pliers for internal lock rings, 90°



Lock ring pliers with bent jaws. Forged of chrome-nickel steel with hardened points.

Dimension Ø mm	Length mm	Point diameter mm	Article No
8 - 25	130	0,9	K 1142
19 - 60	170	1,8	K 1144

Lock ring pliers set with 4 jaws



For external and internal lock rings with straight noses 180° and bent noses 45° and 90°. The replaceable noses are easy to change to 6 inside or outside functions.

Description	Article No
Lock ring pliers set, ring, 10-50 mm	K 4780

Content	Point diameter Ø mm	Dimension Ø mm
1 piece Straight nose	1.2	10-50
1 piece Straight nose	1.45	10-50
1 piece Bent nose, 45°	1.45	10-50
1 piece Bent nose, 90°	1.45	10-50

HOSE PLIERS



Hose plier set, 3-piece



Self-locking pliers for closing off water, air, and fuel hose with slip-protection on jaws. Made of spark-free, reinforced rugged plastic.

Description	Article No
Hose pliers, 3 pieces	K 228

Content	
Quantity pieces	Dimension Ø mm
1	11-19
1	22-42
1	22-60

Hose plier set, 2-piece



Self-locking pliers for closing off water, air, and fuel hose with slip-protection on jaws. Made of spark-free, reinforced rugged plastic.

Description	Article No
Hose pliers, 2 pieces	K 257

Content	
Quantity pieces	Dimension Ø mm
2	22-42

Pliers set for fuel lines



For removing fuel line connections on most cars.

Description	Article No
Pliers set for fuel lines, 3 pieces	K 231

Content	
Quantity pieces	Dimension Ø mm
1	8
1	10
1	GM-Opel

Hose removal pliers



For fast and simple removal of rubber or plastic hose from fuel or vacuum line at the transition to a pipe.

Dimension Ø mm	Article No
4-13	K 237

Hose clamp tool



For fast and easy tensoning and cutting of hose clamps for installation on driveshaft gaiter.

Length mm	Article No
210	K 256

Clamp tool



3/8

For installing CV-clamps with specified tightening torque. Especially important when installing thermoplastic boot gaiters and their rugged stainless straps. Used together with 3/8" torque wrench.

Length mm	Article No
280	K 10201

Hose clamp cutter



Pliers with an angled head for cutting stainless steel hose clamp on shaft gaiters, cooling and fuel hoses.

Length mm	Article No
220	K 232

Clamp pliers



Crimping pliers for installing ear hose clamps in hard-to-reach places where the pliers are used in parallel with the hose clamp.

Length mm	Article No
240	K 229

HOSE PLIERS



Clamp pliers, Corbin



Pliers with lock function for installing and removing spring hose clamps (Corbin). Jaws are articulated to facilitate access. Jaws with "+" slot.

Length mm	Article No
220	K 234

Clamp pliers, Mobeas



Pliers with lock function for installing and removing spring hose clamps (Mobeas). The jaws are articulated to facilitate use in inaccessible positions.

Length mm	Article No
220	K 236

Clamp pliers, V-slot



Pliers with lock function for installing and removing spring hose clamps. Jaws are articulated to facilitate access. Jaws with "V"-slot.

Length mm	Article No
220	K 235

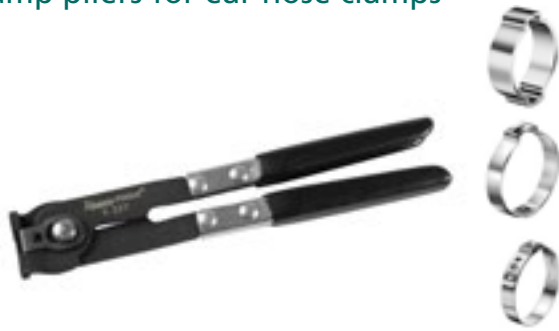
Clamp pliers, VAG



For installing and removing hose clamps with spring-action, with pointed ends, on modern VAG 2.0 TDI engines: BKD. Among others, VW Passat from 2005, Touran, Golf V, SKODA Octavia, AUDI A3. Especially suited for the hard-to-reach lower radiator hose, with the 630 mm flexible wire. Max. clamp diameter: 55 mm

Length mm	Article No
630	K 10203

Clamp pliers for ear hose clamps



Crimping pliers for installing ear hose clamps. Also suitable for installing Perma-Quick clamps.

Length mm	Article No
240	K 227

Clamp pliers, Click and Click-R



For installing and removing reusable Click clamps. Spring-loaded.

Length mm	Article No
220	K 255

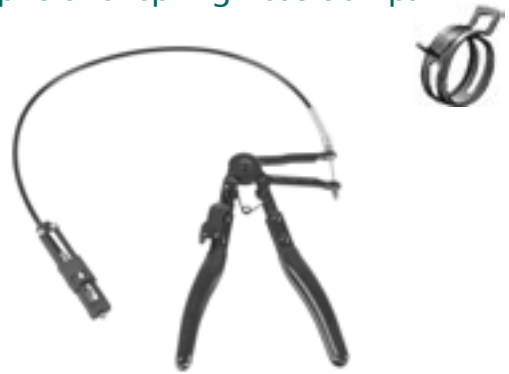
Clamp pliers for hose clamps without ears



Crimping pliers for installing hose clamps without ears.

Length mm	Article No
240	K 230

Clamp pliers for spring hose clamps



For installing and removing flat hose clamps in hard-to-reach places with a long flexible wire with lock function.

Length mm	Article No
630	K 233

HOLDING PLIERS



Locking pliers with pipe grip



CrV

Serrated jaws and integrated side cutters for welding rods, etc.

Length mm	Article No
125	K 1146
175	K 1147
250	K 1148

Claw pliers



CrV

Powerful, claw-shaped grip for car body sheet metal, etc.

Length mm	Article No
225	K 1150

Locking pliers with extra long jaws



CrV

Straight, extra long, serrated jaws. Integrated side cutters for welding rods, etc.

Length mm	Article No
165	K 1149

Parallel pliers



CrV

With C-shaped grip and moving gripping feet.

Length mm	Article No
175	K 1151
300	K 1152

Locking pliers, W-type



CrMo

User-friendly locking pliers suitable for lighter sheet metal and body work. Simple one-hand quick-release.

Description	Length mm	Article No
Locking pliers, Axial, W-type	180	K 1154

Light vehicles

Heavy vehicles

Workshop equipment

Socket tools

Socket wrench sets

Wrenches

Screwdriver tools

pliers

Impact tools

Sharp-edged tools

Storage

Locking pliers, LL-type



CrMo

User-friendly locking pliers suitable for lighter sheet metal and body work. Simple one-hand quick-release.

Description	Length mm	Article No
Locking pliers, Axial, LL-type	180	K 1155

Locking pliers, L-type



CrMo

User-friendly locking pliers suitable for lighter sheet metal and body work. Simple one-hand quick-release.

Description	Length mm	Article No
Locking pliers, Axial, L-type	180	K 1156

Oil filter pliers, self-locking



CrV

Self-locking multifunction pliers with adjustable opening and quick-release.

Capacity Ø mm	Article No
53-118	K 142

SHEARS



Bolt cutters



With adjustable and exchangeable cutting edges. Grip arms of pressed sheet metal.

Length mm	Capacity mm	Article No
450	8	K 1080
600	10	K 1081
750	13	K 1082
900	16	K 1083

Power scissors, straight



Power scissors with rubberized shanks for both right-hand and left-hand use. Also cuts thin steel wire.

Length mm	Capacity mm	Article No
178	0.5	K 4709

Sheet metal shears



Tinman's shears with finely serrated, hardened cutting edge and compound action for high cutting force. Handles of pressed sheet metal with ergonomic design two-component grip. Different coloured grips depending on type. With spring and locking lever.

Length mm	Capacity mm	Type	Color	Article No
245	1.2	Straight	Yellow	K 3525
240	1.2	Right	Green	K 3526
240	1.2	Left	Red	K 3527



LIGHT VEHICLES

Engine tools.....	10	Oil service tool	42	Automotive tools.....	80
Engine locking tools	24	Special pliers.....	53	Tools for electric & hybrid vehicles	88
Holding tools.....	38	Pullers	57		
Tension tools	40	Brake tools.....	74		

Light vehicles

HEAVY VEHICLES

Special sockets	92	Socket tools 1"	104	Screwdriver tools.....	111
Pullers	94	Socket wrench sets 1/2"	106	Pliers.....	112
Pneumatic tools.....	96	Socket tools 3/4"	107	Impact tools.....	113
Socket wrench sets 3/4"	99	Wrenches	108		

Heavy vehicles

WORKSHOP EQUIPMENT

Electric tools	116	Measurement tools.....	147
Pneumatic tools.....	121		
Lifting equipment	136		
Workshop equipment.....	140		

Workshop equipment

SOCKET TOOLS

Socket tools 1/4"	150	Socket tools 1"	197
Socket tools 3/8"	155		
Socket tools 1/2"	169		
Socket tools 3/4"	192		

Socket tools

SOCKET WRENCH SETS

Socket wrench sets 1/4"	200	Mechanic's sets.....	204
Socket wrench sets 3/8"	201		
Socket wrench sets 1/2"	202		
Socket wrench sets 3/4"	203		

Socket wrench sets

WRENCHES

Adjustable wrenches	210
Flex head wrenches	211
Combination wrenches.....	212
Wrenches	221

Wrenches

SCREWDRIVER TOOLS

Screwdrivers	224
Bits	230
Hex keys	235

Screwdriver tools

PLIERS

Cutters	240	Lock ring pliers.....	247
Vicégrip pliers.....	241	Hose pliers	249
Pliers.....	242	Holding pliers.....	253
Fine mechanics pliers.....	246	Shears	255

Pliers

IMPACT TOOLS

Hammers.....	258
Drift pin	260
Impact tools.....	262

Impact tools

SHARP-EDGED TOOLS

Drills	266
Files	273
Cutters	275
Sharp-edged tools.....	276

Sharp-edged tools

STORAGE

Tool trolleys	283	Workshop interior.....	311
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Tool cabinets.....	309		
Tool boxes.....	310		

Storage

Ball peen hammer, all-forged



All-forged hammer with secure grip, vibration-damping molded rubber handle. With round head and ball.

Weight g	Weight Oz.	Article No
230	8	K 1976
340	12	K 1977
460	16	K 1978
680	24	K 1979

Peen hammer



With round head and hickory shaft.

Weight g	Weight Oz.	Article No
285	10	K 1973
395	14	K 1974

Ball peen hammer



With round head and ball. Hickory shaft.

Weight g	Weight Oz.	Article No
340	12	K 1970
450	16	K 1971
680	24	K 1972

Workshop hammer



Forged square head with peen at an angle to the shaft. Hard-wearing hickory shaft with protective neck.

Weight g	Weight Oz.	Article No
800	28	K 1985
1500	53	K 1986

Hand sledge



With square head and hickory shaft.

Weight g	Weight Oz.	Article No
1000	35	K 5199

HAMMERS



Carpenter's hammer with steel shaft



Round head and octagonal neck. Perforated, rubber handle.

Weight g	Weight Oz.	Article No
450	16	K 5197

Carpenter's hammer with fiberglass shaft



Round head and octagonal neck. Perforated, rubber handle.

Weight g	Weight Oz.	Article No
450	16	K 5198

Dead-blow hammers



Dead-blow hammers, fully covered in impact-resistant synthetic rubber. Rigid steel shaft with soft grip.

Weight g	Impact diameter mm	Article No
400	30	K 5200
520	40	K 5201
1050	50	K 5202

Rubber mallet



Rubber mallet in natural rubber with Hickory shaft.

Weight g	Impact diameter mm	Article No
450	58	K 5206

Drift pin with handle, long



Long drift pins, round design with ergonomic insulated handle.

Length mm	Point diameter mm	Article No
145	3	K 1988
180	4	K 1989
185	5	K 1990
205	6	K 1991
225	8	K 1992

Drift pin handle



Drift pin, round design with ergonomic insulated handle.

Length mm	Point diameter mm	Article No
150	3	K 1994
150	4	K 1995
150	5	K 1996
150	6	K 1997
150	8	K 1998

Drift pin set, long, 5-piece



Long drift pins, round design with ergonomic insulated handles. Delivered in metal stand, can be hung on board.

Description	Article No
Drift pin, 5 pieces	K 1987

Content	
Length mm	Point diameter mm
145	3
180	4
185	5
205	6
225	8

Drift pin set, 5-piece



Long drift pins, round design with ergonomic insulated handles. Delivered in metal stand, can be hung on board.

Description	Article No
Drift pin, 5-piece	K 1993

Content	
Length mm	Point diameter mm
150	3
150	4
150	5
150	6
150	8

DRIFT PIN



Drift pin



Cylindrical drift pin with octagonal shaft.

Length mm	Point diameter mm	Article No
150	3	K 10512
150	4	K 10513
150	5	K 10514
150	6	K 10515
150	8	K 10516
150	10	K 10517

Drift pin set, 6-piece



Cylindrical drift pin with octagonal shaft. Supplied in metal box.

Description	Article No
Drift pin set, 6-piece	K 10519

Content	
Length mm	Point diameter mm
150	3
150	4
150	5
150	6
150	8
150	10

Crow bar, 460 mm



CrV

Crow bar with one flat end for breaking and one round, pointed end for centering.

Length mm	Article No
460	K 10279

Automatic center punch



Adjustable automatic punch 15-25 kg.

Length mm	Article No
160	K 178

Breaker bars



With through-blade of alloy steel. Two-component grip with impact protected top. Bent, chisel shaped tip, for optimal power.

Length mm	Blade length mm	Article No
440	315	K 1930
635	460	K 1946

Center punch



CrMo

Center punch in hardened steel. Octagonal shaft and ground tip.

Point diameter mm	Length mm	Article No
4	150	K 10518

Chisels



CrMo

Chisels in hardened steel.

Width mm	Length mm	Article No
18	150	K 10520
24	200	K 10521
28	250	K 10522

IMPACT TOOLS



Chisel set for air hammer



The set contains the five most common tools for working with the Kamasa Tools air hammer K 9870.

Description	Article No
Chisel set for air hammer	K 11110

Content
1 straight chisel
1 spot welding chisel
1 point chisel
1 exhaust pipe chisel
1 edge chisel

Chisel set for air hammer



Set of two chisels specially designed for opening joints in the exhaust system.

Description	Article No
Chisel set for air hammer	K 11111

Content
1 exhaust pipe chisel, internal
1 exhaust pipe chisel, external

Impact screwdriver set, 8-piece



Easily adjustable for right/ left turning

Description	Article No
Impact screwdriver set, 8 pieces	K 6390

Content
1-piece Impact screwdriver
1-piece Bits holder for 5/16"
2-piece Screwdriver bits, 8, 10 mm
2-piece Phillips bits, PH2, PH3
2-piece Pozidrive bits, PZD2, PZD3

Bit for impact screwdriver, slot



For 5/16" bit holder.

Dimension mm	Article No
8	K 6391
10	K 6392

Bit for impact screwdriver, Phillips

For 5/16" bit holder.

Dimension	Article No
PH2	K 6393
PH3	K 6394

Bit for impact screwdriver, Pozidrive

For 5/16" bit holder.

Dimension	Article No
PZD2	K 6395
PZD3	K 6396

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Heavy vehicles

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Socket wrench sets

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Impact tools

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Sharp-edged tools

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Storage

Step drill, 4 –30 mm, cobalt



Step drill, 4-30 mm, cobalt alloy for extra durability.

Dimension Ø mm	Article No
4-30	K 5085

HSS-R high-speed steel drills



Hot-rolled and steam-hardened drills with 118° cutting angle. Suitable for drilling in metals, plastic, and composites.

Dimension Ø mm	Contains pc/pack.	Article No
1	3	K 10800
1,5	3	K 10801
2	2	K 10802
2,5	2	K 10803
3	2	K 10804
3,5	2	K 10805
4	2	K 10806
4,5	2	K 10807
5	2	K 10808
5,5	2	K 10809
6	2	K 10810
6,5	1	K 10811
7	1	K 10812
7,5	1	K 10813
8	1	K 10814
8,5	1	K 10815
9	1	K 10816
9,5	1	K 10817
10	1	K 10818
10,5	1	K 10819
11	1	K 10820
11,5	1	K 10821
12	1	K 10822
12,5	1	K 10823
13	1	K 10824

DRILLS



HSS-R high-speed steel drills, 10-pack



Hot-rolled and steam-hardened drills with 118° cutting angle. Suitable for drilling in metals, plastic, and composites.

Dimension Ø mm	Contains pc/pack.	Article No
2	10	K 10935
2,5	10	K 10936
3	10	K 10937
3,5	10	K 10938
4	10	K 10939
4,5	10	K 10940
5	10	K 10941
6	10	K 10942
7	10	K 10943
8	10	K 10944

HSS-R pop rivet drills



Hot-rolled and steam-hardened drills with 118° cutting angle. Suitable for drilling in metals, plastic, and composites.

Dimension Ø mm	Contains pc/pack.	Article No
3,3	2	K 10825
4,1	2	K 10826
4,9	2	K 10827

HSS-R screw tap drill



Hot-rolled and steam-hardened drills with 118° cutting angle. Suitable for drilling in metals, plastic, and composites.

Dimension Ø mm	Contains pc/pack.	Article No
4,2 (M5)	2	K 10828
6,8 (M8)	2	K 10829
10,2 (M12)	1	K 10831

Drill set in plastic cassette, 19-piece



Hot-rolled and steam-hardened HSS-R drills with 118° cutting angle. Suitable for drilling in metals, plastic, and composites.

Description	Article No
Drill box, 19 pcs.	K 10832

Content
Dimension Ø mm
1, 1.5, 2, 2.5, 3, 3.5, 4,
4.5, 5, 5.5, 6, 6.5, 7, 7.5,
8, 8.5, 9, 9.5, 10

Drill set in metal cassette, 19-piece



Hot-rolled and steam-hardened HSS-R drills with 118° cutting angle. Suitable for drilling in metals, plastic, and composites.

Description	Article No
Drill box, 19 pcs.	K 10833

Content
Dimension Ø mm
1, 1.5, 2, 2.5, 3, 3.5, 4,
4.5, 5, 5.5, 6, 6.5, 7, 7.5,
8, 8.5, 9, 9.5, 10

Drill set in metal cassette, 25-piece



Hot-rolled and steam-hardened HSS-R drills with 118° cutting angle. Suitable for drilling in metals, plastic, and composites.

Description	Article No
Drill box, 25 pcs.	K 10834

Content
Dimension Ø mm
1, 1.5, 2, 2.5, 3, 3.5, 4,
4.5, 5, 5.5, 6, 6.5, 7, 7.5,
8, 8.5, 9, 9.5, 10, 10.5,
11, 11.5, 12, 12.5, 13

High-speed steel drills TIN



HSS drills made from solid steel with (2M) Titanium nitride coating for extended service life. Suitable for drilling in metals, plastic, and composites. Cross-grinding self-centers the drill without the need for center punching. 135° cutting angle.

Dimension Ø mm	Contains pc/pack.	Article No
1	3	K 10850
1,5	3	K 10851
2	2	K 10852
2,5	2	K 10853
3	2	K 10854
3,5	2	K 10855
4	2	K 10856
4,5	2	K 10857
5	2	K 10858
5,5	2	K 10859
6	2	K 10860
6,5	1	K 10861
7	1	K 10862
7,5	1	K 10863
8	1	K 10864
8,5	1	K 10865
9	1	K 10866
9,5	1	K 10867
10	1	K 10868
10,5	1	K 10869
11	1	K 10870
11,5	1	K 10871
12	1	K 10872
12,5	1	K 10873
13	1	K 10874

DRILLS



Titanium nitride high-speed steel drills, 10-pack



HSS drills made from solid steel with (2M) Titanium nitride coating for extended service life. Suitable for drilling in metals, plastic, and composites. Cross-grinding self-centers the drill without the need for center punching. 135° cutting angle.

Dimension Ø mm	Contains pc/pack.	Article No
2	10	K 10945
2,5	10	K 10946
3	10	K 10947
3,5	10	K 10948
4	10	K 10949
4,5	10	K 10950
5	10	K 10951
6	10	K 10952
7	10	K 10953
8	10	K 10954

TIN drill set in plastic cassette, 19-piece



HSS drills made from solid steel with (2 m) Titanium nitride coating for extended service life. Suitable for drilling in metals, plastic, and composites. Cross-grinding self-centers the drill without the need for center punching. 135° cutting angle.

Description	Article No
Drill box titanium nitride, 19 pcs.	K 10879

Content
Dimension Ø mm
1, 1.5, 2, 2.5, 3, 3.5, 4,
4.5, 5, 5.5, 6, 6.5, 7, 7.5,
8, 8.5, 9, 9.5, 10

Titanium nitride screw tap drill



HSS drills made from solid steel with (2M) Titanium nitride coating for extended service life. Suitable for drilling in metals, plastic, and composites. Cross-grinding self-centers the drill without the need for center punching. 135° cutting angle.

Dimension Ø mm	Contains pc/pack.	Article No
4,2 (M5)	2	K 10875
6,8 (M8)	2	K 10876
10,2 (M12)	1	K 10878

Light vehicles

Heavy vehicles

Workshop equipment

Socket tools

Socket wrench sets

Wrenches

Screwdriver tools

Pliers

Impact tools

Sharp-edged tools

Storage

TIN drill set in metal cassette, 19-piece



HSS drills made from solid steel with (2 m) Titanium nitride coating for extended service life. Suitable for drilling in metals, plastic, and composites. Cross-grinding self-centers the drill without the need for center punching. 135° cutting angle.

Description	Article No
Drill box titanium nitride, 19 pcs.	K 10880

Content
Dimension Ø mm
1, 1.5, 2, 2.5, 3, 3.5, 4,
4.5, 5, 5.5, 6, 6.5, 7, 7.5,
8, 8.5, 9, 9.5, 10

TIN drill set in metal cassette, 25-piece



HSS drills made from solid steel with (2 m) Titanium nitride coating for extended service life. Suitable for drilling in metals, plastic, and composites. Cross-grinding self-centers the drill without the need for center punching. 135° cutting angle.

Description	Article No
Drill box titanium nitride, 25 pcs.	K 10881

Content
Dimension Ø mm
1, 1.5, 2, 2.5, 3, 3.5, 4,
4.5, 5, 5.5, 6, 6.5, 7, 7.5,
8, 8.5, 9, 9.5, 10, 10.5,
11, 11.5, 12, 12.5, 13

Cobalt steel drills



Drills made from solid steel with higher temperature resistance and service life due to 5% cobalt alloy content. Suitable for drilling in metals, stainless steel, plastics, and composite materials. Cross-grinding self-centers the drill without the need for center punching. 135° cutting angle.

Dimension Ø mm	Contains pc/pack.	Article No
1	3	K 10900
1,5	3	K 10901
2	2	K 10902
2,5	2	K 10903
3	2	K 10904
3,5	2	K 10905
4	2	K 10906
4,5	2	K 10907
5	2	K 10908
5,5	2	K 10909
6	2	K 10910
6,5	1	K 10911
7	1	K 10912
7,5	1	K 10913
8	1	K 10914
8,5	1	K 10915
9	1	K 10916
9,5	1	K 10917
10	1	K 10918
10,5	1	K 10919
11	1	K 10920
11,5	1	K 10921
12	1	K 10922
12,5	1	K 10923
13	1	K 10924

DRILLS



Cobalt steel drills, 10-pack



Drills made from solid steel with higher temperature resistance and service life due to 5% cobalt alloy content. Suitable for drilling in metals, stainless steel, plastics, and composite materials. Cross-grinding self-centers the drill without the need for center punching. 135° cutting angle.

Dimension Ø mm	Contains pc/pack.	Article No
2	10	K 10955
2,5	10	K 10956
3	10	K 10957
3,5	10	K 10958
4	10	K 10959
4,5	10	K 10960
5	10	K 10961
6	10	K 10962
7	10	K 10963
8	10	K 10964

Pop rivet drills, Cobalt



Drills made from solid steel with higher temperature resistance and service life due to 5% cobalt alloy content. Suitable for drilling in metals, stainless steel, plastics, and composite materials. Cross-grinding self-centers the drill without the need for center punching. 135° cutting angle.

Dimension Ø mm	Contains pc/pack.	Article No
3,3	2	K 10925
4,1	2	K 10926
4,9	2	K 10927

Screw tap drill, cobalt



Drills made from solid steel with higher temperature resistance and service life due to 5% cobalt alloy content. Suitable for drilling in metals, stainless steel, plastics, and composite materials. Cross-grinding self-centers the drill without the need for center punching. 135° cutting angle.

Dimension Ø mm	Contains pc/pack.	Article No
4,2 (M5)	2	K 10928
6,8 (M8)	2	K 10929
10,2 (M12)	1	K 10931

Cobalt drill set in plastic cassette, 19-piece



Drills made from solid steel with higher temperature resistance and service life due to 5% cobalt alloy content. Suitable for drilling in metals, stainless steel, plastics, and composite materials. Cross-grinding self-centers the drill without the need for center punching. 135° cutting angle.

Description	Article No
Drill box, 19 pcs.	K 10932

Content
Dimension Ø mm
1, 1.5, 2, 2.5, 3, 3.5, 4,
4.5, 5, 5.5, 6, 6.5, 7, 7.5,
8, 8.5, 9, 9.5, 10

Cobalt drill set in metal cassette, 19-piece

Cobalt drill set in metal cassette, 25-piece



Drills made from solid steel with higher temperature resistance and service life due to 5% cobalt alloy content. Suitable for drilling in metals, stainless steel, plastics, and composite materials. Cross-grinding self-centers the drill without the need for center punching. 135° cutting angle.

Drills made from solid steel with higher temperature resistance and service life due to 5% cobalt alloy content. Suitable for drilling in metals, stainless steel, plastics, and composite materials. Cross-grinding self-centers the drill without the need for center punching. 135° cutting angle.

Description	Article No
Drill box, 19 pcs.	K 10933

Description	Article No
Drill box, 25 pcs.	K 10934

Content
Dimension Ø mm
1, 1.5, 2, 2.5, 3, 3.5, 4,
4.5, 5, 5.5, 6, 6.5, 7, 7.5,
8, 8.5, 9, 9.5, 10

Content
Dimension Ø mm
1, 1.5, 2, 2.5, 3, 3.5, 4,
4.5, 5, 5.5, 6, 6.5, 7, 7.5,
8, 8.5, 9, 9.5, 10, 10.5,
11, 11.5, 12, 12.5, 13

FILES



Saw file



Medium coarse, single cut steel file with flat edges. Rubberized handle for optimal grip.

Length mm	Article No
200	K 2137

Round file



Medium coarse, double cut round steel file with tapered point. Rubberized handle for optimal grip.

Length mm	Article No
200	K 2140

Hand file



Medium fine, double cut steel file with sharp edges and tapered point. Rubberized handle for optimal grip.

Length mm	Article No
200	K 2138

File set, 4-piece



Steel files with rubberized handle.

Description	Article No
File set, 4-piece	K 2142

Half-round file



Medium coarse, double cut half-round steel file with sharp edges and tapered point. Rubberized handle for optimal grip.

Length mm	Article No
200	K 2139

Content Type	Gauge	Length mm
Saw file	Medium coarse	200
Hand file	Medium fine	200
Half-round file	Medium coarse	200
Round file	Medium coarse	200

Hacksaw



Hacksaw with storage for extra blades in the saw.

Blade dimension mm	Article No
300	K 4851

Hacksaw blade



Blade of special-alloyed high-speed steel, 300 mm (12"), 24 teeth/inch.

Description	Article No
Hacksaw blade, 2-piece	K 4607

Hacksaw, rubberized handle



Sturdy hacksaw with rubberized handle.

Blade dimension mm	Article No
300	K 4850

Brake caliper file



Double-sided coarse file for cleaning brake calipers before fitting new brake pads.

Length mm	Article No
200	K 10678

Hacksaw, one-hand grip



Hacksaw with rubberized one-hand grip.

Blade dimension mm	Article No
300	K 4852

CUTTERS



Pipe cutter with ratchet function, 28-67 mm



Cut thin-walled steel pipes, copper pipes, and PVC pipes without having to rotate the entire tool. Perfect for confined spaces and excellent for cutting exhaust pipes on cars.

Grip width mm	Article No
28-67	K 254

Pipe cutter, 3-22 mm



Small and handy pipe cutter for copper and brass pipes. With automatic stop to save the cutting wheel.

Grip width mm	Article No
3-22	K 260

Pipe cutter, 3-30 mm



Sturdy pipe cutter for copper and brass pipes. With automatic stop to save the cutting wheel, and folding deburring device.

Grip width mm	Article No
3-30	K 261

Light vehicles

Heavy vehicles

Workshop equipment

Socket tools

Socket wrench sets

Wrenches

Screwdriver tools

Pliers

Impact tools

Sharp-edged tools

Storage

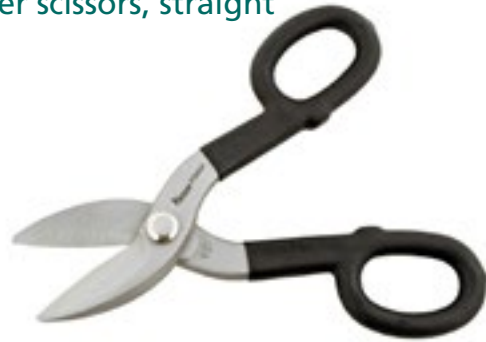
Deburring tool



Deburring tool for deburring of holes in soft metal. Supplied with extra cutting edge.

Description	Article No
	K 21100

Power scissors, straight



Power scissors with rubberized shanks for both right-hand and left-hand use. Also cuts thin steel wire.

Length mm	Capacity mm	Article No
178	0.5	K 4709

Sheet metal shears



Tinman's shears with finely serrated, hardened cutting edge and compound action for high cutting force. Handles of pressed sheet metal with ergonomic design two-component grip. Different coloured grips depending on type. With spring and locking lever.

Length mm	Capacity mm	Type	Color	Article No
245	1.2	Straight	Yellow	K 3525
240	1.2	Right	Green	K 3526
240	1.2	Left	Red	K 3527

Chisels



Chisels in hardened steel.

Width mm	Length mm	Article No
18	150	K 10520
24	200	K 10521
28	250	K 10522

SHARP-EDGED TOOLS



Universal knife



For 18 mm break-off blades with 10 cutting points/blade. Easy-grip rubber handle and blade locking at different lengths. Magazine with four extra blades in the handle.

Length mm	Article No
165	K 3654

Blades for universal knife



Content	Article No
5 extra blades	K 3655

Hole saws



Hole saws with cobalt alloy for extra toughness and durability. Developed for high-precision hole piercing with clean cutting edges in steel, stainless steel, aluminum, wood and plastic. HSS M42 bimetallic steel with 8% cobalt makes the saws tough and durable.

Dimension Ø mm	Length mm	Article No
20	50	K 11200
25	50	K 11204
29	50	K 11206
35	50	K 11210
40	50	K 11213
44	50	K 11216
54	50	K 11221
60	50	K 11224
68	50	K 11228
76	50	K 11233
89	50	K 11238
127	50	K 11248

Adapters for hole saws



Adapter for hole saws including centering drill.

Dimension Ø mm	Article No
-30	K 11260
30 - 152	K 11261

Centering drill for hole saw



Centering drill for hole saw. Spare part for K 11260 and K 11261.

Length mm	Article No
90	K 11262

Thread taps



Taps in high-speed steel, HSS, with high clarity and durability.

Dimension	Type	Article No
M5 x 0,8	I	K 11405
M5 x 0,8	II	K 11406
M5 x 0,8	III	K 11407
M6 x 1,0	I	K 11408
M6 x 1,0	II	K 10401
M6 x 1,0	III	K 10407
M8 x 1,25	I	K 11411
M8 x 1,25	II	K 10402
M8 x 1,25	III	K 10408
M8 x 1,0	I	K 11414
M8 x 1,0	III	K 11415
M10 x 1,5	I	K 11416
M10 x 1,5	II	K 10403
M10 x 1,5	III	K 10409
M10 x 1,25	I	K 11419
M10 x 1,25	III	K 11420
M12 x 1,25	I	K 11421
M12 x 1,75	II	K 11422
M12 x 1,75	III	K 11423
M16 x 2,0	I	K 11426
M16 x 2,0	II	K 11427
M16 x 2,0	III	K 11428

Thread dies



Thread dies in high-speed steel, HSS in high-speed steel HSS, with high clarity and durability.

Dimension	Article No
M5 x 0,8	K 11436
M6 x 1,0	K 10404
M8 x 1,25	K 10405
M8 x 1,0	K 11439
M10 x 1,5	K 10406
M10 x 1,25	K 11441
M12 x 1,75	K 11442
M16 x 2,0	K 11444

Tap wrench for thread taps



Tap wrench for thread taps in standardized sizes.

Dimension	Article No
M6 - M20	K 10665
M1 - M8	K 10666

Die stock for thread dies



Die stock for thread dies in standardized sizes.

Dimension mm	Article No
Ø45 x 18	K 10660
Ø38 x 14	K 10661
Ø30 x 11	K 10662
Ø25 x 9	K 10663
Ø20 x 7	K 10664

Screw extractor bits for Hex head and Torx



Screw extractor bits in S2 steel for removing worn Hex head and Torx screws.

Dimension mm	Length mm	Article No
3	25	K 20076
4	25	K 20077
5	25	K 20078
6	25	K 20079
7	25	K 20080
8	25	K 20081
10	25	K 20082
12	25	K 20083

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Screw extractor set, Hex head and Torx*



Screw extractor set for removing worn Hex head and Torx screws. The kit contains 8 screw extractors in S2 steel. Dimensions: 3-12 mm

Description	Article No
Screw extractor set, Hex head and Torx	K 20075

Content
Dimension mm
3
4
5
6
7
8
10
12

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Screw extractor set, M5-M16



For removing broken screws, M5-M16. A drill guide is used to drill a hole in the screw remaining in the hole. The screw extractor is tapped securely in the hole without the screw expanding.

Description	Article No
Screw extractor set	K 20074

Content
5 drills
10 drill guides
5 drivers

Screw extractor set



Dimension	Article No
M3-M18	K 186

Threading tools for spark plugs



CrV

Tools for cleaning the spark plug threads in the cylinder head. Thread cleaning starts at the bottom of the threads and brings up any dirt and metal filings so that they do not end up in the combustion chamber.

Dimension	Article No
M12 x 1,25	K 197
M14 x 1,25	K 198
M18 x 1,5	K 199

M14/M18 treading tool for K 209



Description	Article No
M14/M18 treading tool for K 209	KR 209 1

M10/M12 treading tool for K 209



Description	Article No
M10/M12 treading tool for K 209	KR 209 2

SHARP-EDGED TOOLS



Chuck set, M3-M12



3/8 CV

Chuck set for screw taps M3-M12. Jaws of hardened steel. Works directly on ratchet handle, therefore also perfect in tight spaces.

Description	Article No
Chuck set M3-M12, 3 pieces	K 4956

Content
2 pieces Chucks
1 piece Chuck tool

Bolt extractor set, 2-10 mm



3/8

Screw extractor set 2-10 mm med 3/8" fitting. For effective removal of sheared-off bolts. The set consists of 6 bolt extractors made of special-alloy steel.

Description	Article No
Screw extractor set	K 187

Content
1 piece 2 mm extractor
1 piece 3 mm extractor
1 piece 4 mm extractor
1 piece 6 mm extractor
1 piece 8 mm extractor
1 piece 10 mm extractor

Gasket scrapers



Heavy-duty gasket scrapers with stainless throughblade and rubberized handle.

Width mm	Length mm	Type	Article No
32	225	Straight	K 251
32	225	Angled	K 252

Gasket scrapers, set



Description	Article No
Gasket scrapers, 3 pieces	K 250

Content Type	Width mm	Length mm
Straight	32	225
Straight	50	225
Angled	32	225

Light vehicles

Heavy vehicles

Workshop equipment

Socket tools

Socket wrench sets

Wrenches

Screwdriver tools

Pliers

Impact tools

Sharp-edged tools

Storage

Wire brushes



Wooden handle.

Type	Article No
2 rows	K 3923
4 rows	K 4513

Brush for brake calipers, steel



Brake caliper brush, steel.

Description	Article No
Brake caliper brush, steel	K 10648

Brush for brake calipers, brass



Brake caliper brush, brass.

Description	Article No
Brake caliper brush, brass	K 10649

LIGHT VEHICLES

Engine tools.....	10	Oil service tool	42	Automotive tools.....	80
Engine locking tools	24	Special pliers.....	53	Tools for electric & hybrid vehicles	88
Holding tools.....	38	Pullers	57		
Tension tools	40	Brake tools.....	74		

Light vehicles

HEAVY VEHICLES

Special sockets	92	Socket tools 1"	104	Screwdriver tools.....	111
Pullers	94	Socket wrench sets 1/2"	106	Pliers.....	112
Pneumatic tools.....	96	Socket tools 3/4"	107	Impact tools.....	113
Socket wrench sets 3/4"	99	Wrenches	108		

Heavy vehicles

WORKSHOP EQUIPMENT

Electric tools	116	Measurement tools.....	147
Pneumatic tools.....	121		
Lifting equipment	136		
Workshop equipment.....	140		

Workshop equipment

SOCKET TOOLS

Socket tools 1/4"	150	Socket tools 1"	197
Socket tools 3/8"	155		
Socket tools 1/2"	169		
Socket tools 3/4"	192		

Socket tools

SOCKET WRENCH SETS

Socket wrench sets 1/4"	200	Mechanic's sets.....	204
Socket wrench sets 3/8"	201		
Socket wrench sets 1/2"	202		
Socket wrench sets 3/4"	203		

Socket wrench sets

WRENCHES

Adjustable wrenches	210
Flex head wrenches	211
Combination wrenches.....	212
Wrenches	221

Wrenches

SCREWDRIVER TOOLS

Screwdrivers.....	224
Bits	230
Hex keys	235

Screwdriver tools

PLIERS

Cutters	240	Lock ring pliers.....	247
Vicegrip pliers.....	241	Hose pliers	249
Pliers.....	242	Holding pliers.....	253
Fine mechanics pliers.....	246	Shears	255

Pliers

IMPACT TOOLS

Hammers.....	258
Drift pin	260
Impact tools.....	262

Impact tools

SHARP-EDGED TOOLS

Drills.....	266
Files	273
Cutters	275
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Sharp-edged tools

STORAGE

Tool trolleys.....	283	Workshop interior.....	311
Tool sets.....	293		
Tool cabinets.....	309		
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Storage

Tool trolley with tools, 7 drawers, green



3/8 1/2 1/4

Trolley with 7 drawers, of which 1 drawer has been left empty for other tools. A comprehensive tool solution, well designed for vehicle mechanics. The trolley comes with both a wooden panel and a ridged rubber mat for the work surface. The wooden panel is easier to dry off while the deep ridges in the rubber mat prevent spilled water from running down into the trolley. The stable trolley is excellent as a mobile workplace and can be supplemented with a top cabinet as required.

Color: Green

Max load per drawer: 40 kg

Max load per trolley: 700 kg

Dimensions, trolley (incl. wheel), H x W x D: 993 x 723 x 481 mm

Dimensions, drawers, H x W x D: 75/154 x 569 x 410 mm

Description	Article No
Trolley and Tool set 1/2", 3/8" and 1/4"	K 7626

Content Included item	Quantity	Contents
K 10359	1	Tool trolley, central locking, 7 drawers
K 26152	1	Slot screwdrivers
K 26153	1	Screwdrivers: PH, PZD
K 26041	1	Screwdrivers, T8-T30
K 26043	1	Pliers: Side cutters, combination pliers, long nose pliers, vice grip pliers
K 26045	1	Pliers: Lock ring pliers, external and internal
K 26050	1	Combination wrenches: 8-24 mm
K 26052	1	Flex head wrenches: 8-19 mm
K 26053	1	Socket tool 1/4":short and long socket
K 26062	1	hex head & torx 1/4": bits sockets and wrenches
K 26057	1	Socket tool 3/8": Ratchet wrenches, universal joint, extension, spark plug sockets
K 26058	1	Sockets short and long 3/8": 8-22 mm
K 26064	1	Sockets short and long 3/8": Hex head
K 26065	1	Sockets short and long 3/8": Torx T & E
K 26054	1	Socket tool 1/2": Ratchet wrench, universal joint, extension, spark plug sockets
K 26074	1	Sockets: 1/2", 10 - 34 mm
K 26056	1	Impact sockets long: 1/2" 10 - 24 mm
K 26030	1	Drawer interior: 1/3 drawer

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Tool trolley with tools, 7 drawers, gray



3/8 1/2 1/4

Trolley with 7 drawers, of which 1 drawer has been left empty for other tools. A comprehensive tool solution, well designed for vehicle mechanics. The trolley comes with both a wooden panel and a ridged rubber mat for the work surface. The wooden panel is easier to dry off while the deep ridges in the rubber mat prevent spilled water from running down into the trolley. The stable trolley is excellent as a mobile workplace and can be supplemented with a top cabinet as required.

Color: Gray RAL9006

Max load per drawer: 40 kg

Max load per trolley: 700 kg

Dimensions, trolley (incl.wheel), H x W x D: 993 x 723 x 481 mm

Dimensions, drawers, H x W x D: 75/154 x 569 x 410 mm

Description	Article No
Trolley and Tool set 1/2", 3/8" and 1/4"	K 7627

Content Included item	Quantity	Contents
K 10360	1	Tool trolley, central locking, gray, 7 drawers
K 26152	1	Slot screwdrivers
K 26153	1	Screwdrivers: PH, PZD
K 26041	1	Screwdrivers T8-T30
K 26043	1	Pliers: Side cutters, combination pliers, long nose pliers, vice grip pliers
K 26045	1	Pliers: Lock ring pliers, external and internal
K 26050	1	Combination wrenches: 8-24 mm
K 26052	1	Flex head wrenches: 8-19 mm
K 26053	1	Socket tool 1/4": short and long socket
K 26062	1	Hex head & Torx: 1/4" Bits sockets & wrenches
K 26057	1	Socket tool 3/8": ratchet wrench, universal joint, extension, spark plug sockets
K 26058	1	Sockets short and long 3/8": 8-22 mm
K 26064	1	Sockets short and long 3/8": Hex head
K 26065	1	Sockets short and long 3/8": Torx T & E
K 26054	1	Socket tool 1/2": ratchet wrench, universal joint, extension, spark plug sockets
K 26074	1	Sockets: 1/2" 10-34 mm
K 26056	1	Impact sockets long: 1/2" 10-24 mm
K 26030	1	Drawer interior: 1/3 drawer

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Tool trolley with tools, 10 drawers, green



3/8 1/2 1/4

A comprehensive tool solution designed for vehicle mechanics. Trolley with 7 drawers and top cabinet with 3 drawers of which 2 drawers have been left empty for other tools. The trolley is supplied with both a wooden panel and a ridged rubber mat for the work surface. The wooden panel is easier to dry off while the deep ridges in the rubber mat prevent spilled water from running down into the trolley. A comprehensive mobile tool storage solution, which takes up very little floor space.

Color: Green

Max load per drawer: 40 kg

Max load per trolley: 700 kg

Dimensions, trolley (incl. wheel), H x W x D: 1360 x 723 x 481 mm

Dimensions, drawers, H x W x D: 75/154 x 569 x 410 mm

Description	Article No
Trolley and Tool set 1/2", 3/8" and 1/4"	K 7632

Content Included item	Quantity	Contents
K 10359	1	Tool trolley, central locking, 7 drawers
K 10363	1	Top cabinet, central locking, 3 drawers
K 26152	1	Slot screwdrivers
K 76153	1	Screwdrivers: PH, PZD
K 26041	1	Screwdrivers: Torx 8-30
K 26044	1	Screwdrivers: Slotted, PH with through-blade
K 26043	1	Pliers: Side cutters, combination pliers, long nose pliers, vice grip pliers
K 26045	1	Pliers: Lock ring pliers, external and internal
K 26049	1	Combination wrenches with ratchet 8-19 mm
K 26050	1	Combination wrenches: 8-24 mm
K 26051	1	Combination wrenches: 25-32 mm
K 26052	1	Flex head wrenches: 8-19 mm
K 26053	1	Socket tool 1/4": short and long socket
K 26062	1	Hex head & Torx: 1/4" Bits sockets & wrenches
K 26057	1	Socket tool 3/8": ratchet wrench, universal joint, extension, spark plug sockets
K 26058	1	Sockets short and long 3/8": 8-22 mm
K 26064	1	Sockets short and long 3/8": Hex head
K 26065	1	Sockets short and long 3/8": Torx T & E
K 26054	1	Socket tool 1/2": ratchet wrench, universal joint, extension, spark plug sockets
K 26074	1	Sockets: 1/2" 10-34 mm
K 26056	1	Impact sockets long: 1/2" 10-24 mm
K 26061	1	Sockets short and long 1/2": Hex head
K 26063	1	Sockets short and long 1/2": XZN/Torx T & E
K 26046	1	Power scissors and universal knife
K 26047	1	Impact tools: hammers, punches, center punches
K 26030	2	Drawer interior: 1/3 drawer

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Tool trolley with tools, 10 drawers, gray



3/8 1/2 1/4

A comprehensive tool solution designed for vehicle mechanics. Trolley with 7 drawers and top cabinet with 3 drawers of which 2 drawers have been left empty for other tools. The trolley is supplied with both a wooden panel and a ridged rubber mat for the work surface. The wooden panel is easier to dry off while the deep ridges in the rubber mat prevent spilled water from running down into the trolley. A comprehensive mobile tool storage solution, which takes up very little floor space.

Color: Gray RAL9006

Max load per drawer: 40 kg

Max load per trolley: 700 kg

Dimensions, trolley (incl. wheel), H x W x D: 1360 x 723 x 481 mm

Dimensions, drawers, H x W x D: 75/154 x 569 x 410 mm

Description	Article No
Trolley and Tool set 1/2", 3/8" and 1/4"	K 7633

Content Included item	Quantity	Contents
K 10360	1	Tool trolley, central locking, gray, 7 drawers
K 10365	1	Top cabinet, central locking, gray, 3 drawers
K 26152	1	Slot screwdrivers
K 76153	1	Screwdrivers: PH, PZD
K 26041	1	Screwdrivers: Torx 8-30
K 26044	1	Screwdrivers: Slotted, PH with through-blade
K 26043	1	Pliers: Side cutters, combination pliers, long nose pliers, vice grip pliers
K 26045	1	Pliers: Lock ring pliers, external and internal
K 26049	1	Combination wrenches with ratchet 8-19 mm
K 26050	1	Combination wrenches: 8-24 mm
K 26051	1	Combination wrenches: 25-32 mm
K 26052	1	Flex head wrenches: 8-19 mm
K 26053	1	Socket tool 1/4": short and long socket
K 26062	1	Hex head & Torx: 1/4" Bits sockets and wrenches
K 26057	1	Socket tool 3/8": ratchet wrench, universal joint, extension, spark plug sockets
K 26058	1	Sockets short and long 3/8": 8-22 mm
K 26064	1	Sockets short and long 3/8": Hex head
K 26065	1	Sockets short and long 3/8": Torx T and E
K 26054	1	Socket tool 1/2": ratchet wrench, universal joint, extension, spark plug sockets
K 26074	1	Sockets: 1/2" 10-34 mm
K 26056	1	Impact sockets long: 1/2" 10-24 mm
K 26061	1	Sockets short and long 1/2": Hex head
K 26063	1	Sockets short and long 1/2": XZN/Torx T and E
K 26046	1	Power scissors and universal knife
K 26047	1	Impact tools: hammers, punches, center punches
K 26030	2	Drawer interior: 1/3 drawer

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Tool trolley with tools, 13 drawers, green



3/8 1/2 1/4

A comprehensive tool solution designed for vehicle mechanics. Trolley with 13 drawers of which the 4 lower drawers have been left empty for other tools. The trolley is supplied with a sturdy wooden panel for the work surface. A comprehensive mobile tool storage solution, with generous working surface.

Color: Green

Max load per drawer: 40 kg

Max load per trolley: 1000 kg

Dimensions, trolley (incl. wheel), H x W x D: 993 x 1091 x 481 mm

Dimensions, drawers, H x W x D: 75/120/155 x 308/569/960 x 410

Description	Article No
Trolley and Tool set 1/2", 3/8" and 1/4"	K 7628

Content Included item	Quantity	Contents
K 10361	1	Tool trolley, central locking, 13 drawers
K 26152	1	Slot screwdrivers
K 26153	1	Screwdrivers: PH, PZD
K 26041	1	Screwdrivers: Torx 8-30
K 26044	1	Screwdrivers: Slotted, PH with through-blade
K 26043	1	Pliers: Side cutters, combination pliers, long nose pliers, vice grip pliers
K 26045	1	Pliers: Lock ring pliers, external and internal
K 26049	1	Combination wrenches with ratchet 8-19 mm
K 26050	1	Combination wrenches: 8-24 mm
K 26051	1	Combination wrenches: 25-32 mm
K 26052	1	Flex head wrenches: 8-19 mm
K 26053	1	Socket tool 1/4": short and long socket
K 26062	1	Hex head & Torx: 1/4" Bits sockets & wrenches
K 26057	1	Socket tool 3/8": ratchet wrench, universal joint, extension, spark plug sockets
K 26058	1	Sockets short and long 3/8": 8-22 mm
K 26064	1	Sockets short and long 3/8": Hex head
K 26065	1	Sockets short and long 3/8": Torx T & E
K 26054	1	Socket tool 1/2": ratchet wrench, universal joint, extension, spark plug sockets
K 26074	1	Sockets: 1/2" 10-34 mm
K 26056	1	Impact sockets long: 1/2" 10-24 mm
K 26061	1	Sockets short and long 1/2": Hex head
K 26063	1	Sockets short and long 1/2": XZN/Torx T & E
K 26046	1	Power scissors and universal knife
K 26047	1	Impact tools: hammers, punches, center punches
K 26032	3	Drawer interior: U-profile 120 x 410 mm

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TOOL TROLLEYS



Tool trolley with tools, 13 drawers, gray



3/8 1/2 1/4

A comprehensive tool solution designed for vehicle mechanics. Trolley with 13 drawers of which the 4 lower drawers have been left empty for other tools. The trolley is supplied with a sturdy wooden panel for the work surface. A comprehensive mobile tool storage solution, with generous working surface.

Color: Gray RAL9006

Max load per drawer: 40 kg

Max load per trolley: 1000 kg

Dimensions, trolley (incl. wheel), H x W x D: 993 x 1091 x 481 mm

Dimensions, drawers, H x W x D: 75/120/155 x 308/569/960 x 410 mm

Description	Article No
Trolley and Tool set 1/2", 3/8" and 1/4"	K 7629

Content	Included item	Antal	Contents
K 10364	1	1	Tool trolley, central locking, gray, 13 drawers
K 26152	1	1	Slot screwdrivers
K 26153	1	1	Screwdrivers: PH, PZD
K 26041	1	1	Screwdrivers: Torx 8-30
K 26044	1	1	Screwdrivers: Slotted, PH with through-blade
K 26043	1	1	Pliers: Side cutters, combination pliers, long nose pliers, vice grip pliers
K 26045	1	1	Pliers: Lock ring pliers, external and internal
K 26049	1	1	Combination wrenches with ratchet 8-19 mm
K 26050	1	1	Combination wrenches: 8-24 mm
K 26051	1	1	Combination wrenches: 25-32 mm
K 26052	1	1	Flex head wrenches: 8-19 mm
K 26053	1	1	Socket tool 1/4": short and long socket
K 26062	1	1	Hex head & Torx: 1/4" Bits sockets & wrenches
K 26057	1	1	Socket tool 3/8": ratchet wrench, universal joint, extension, spark plug sockets
K 26058	1	1	Sockets short and long 3/8": 8-22 mm
K 26064	1	1	Sockets short and long 3/8": Hex head
K 26065	1	1	Sockets short and long 3/8": Torx T & E
K 26054	1	1	Socket tool 1/2": ratchet wrench, universal joint, extension, spark plug sockets
K 26074	1	1	Sockets: 1/2" 10-34 mm
K 26056	1	1	Impact sockets long: 1/2" 10-24 mm
K 26061	1	1	Sockets short and long 1/2": Hex head
K 26063	1	1	Sockets short and long 1/2": XZN/Torx T & E
K 26046	1	1	Power scissors and universal knife
K 26047	1	1	Impact tools: hammers, punches, center punches
K 26032	3	3	Drawer interior: U-profile 120 x 410 mm

* Torx® is a registered trademark of Acument Intellectual Properties LLC.

Tool trolley, 5 drawers, green



Tool trolley in sturdy double-wall steel construction. The drawers pull out fully and have sturdy, 46 mm ball bearing runners. To avoid the risk of the trolley tipping forward under the weight of the tools, only one drawer can be opened at a time. All drawers are locked with a central locking system. All drawers also have transport locking when closed, ensuring that the trolley can be moved without the drawers sliding out. Large, caster wheels (TPR), two with braking function, 127x50 mm. Wooden board and heavy-duty rubber mat for the work surface and thinner mats for all drawers.

All drawers are endurance tested at a 40 kg load for 50,000 cycles. Max load for the whole trolley on wheels: 700 kg. The trolley is endurance tested at a 300 kg load via a 20 km drum test with obstacle.

Max load per drawer: 40 kg

Dimensions, trolley (inc. wheels), H x W x D: 850 x 723 x 481 mm

Dimensions, drawers, H x W x D: 75/154 x 569 x 410 mm

Weight when empty: 54 kg

Description	Article No
Tool trolley, 5 drawers, ball bearing	K 10358

Tool trolley, 7 drawers, green



Tool trolley in sturdy double-wall steel construction. The drawers pull out fully and have sturdy, 46 mm ball bearing runners. To avoid the risk of the trolley tipping forward under the weight of the tools, only one drawer can be opened at a time. All drawers are locked with a central locking system. All drawers also have transport locking when closed, ensuring that the trolley can be moved without the drawers sliding out. Large, caster wheels (TPR), two with braking function, 127x50 mm. Wooden panel and heavy-duty rubber mat for the work surface and thinner mats for all drawers are included. All drawers are endurance tested at a 40 kg load for 50,000 cycles. The trolley is endurance tested at a 300 kg load via a 20 km drum test with obstacle.

Max load per drawer: 40 kg

Max load for the whole trolley on wheels: 700 kg

Dimensions, trolley (inc. wheels), H x W x D: 993 x 723 x 481 mm

Dimensions, drawers, H x W x D: 75/154 x 569 x 410 mm

Weight when empty: 67 kg

Description	Article No
Tool trolley, 7 drawers, ball bearing	K 10359

Tool trolley, 7 drawers, gray



Tool trolley in robust double-wall steel construction. The drawers pull out fully and have sturdy, 46 mm ball bearing runners. To avoid the risk of the trolley tipping forward under the weight of the tools, only one drawer can be opened at a time. All drawers are locked with a central locking system. All drawers also have transport locking when closed, ensuring that the cabinet can be moved without the drawers sliding out. Large, ball bearing wheels (TPR), two with braking function, 127x50 mm. Wooden panel and heavy-duty rubber mat for the work surface and thinner mats for all drawers are included. All drawers are endurance tested at a 40 kg load for 50,000 cycles. The trolley is endurance tested at a 300 kg load on a rolling shaker for 20 km.

Maximum load per drawer: 40 kg
 Maximum load for the whole trolley on wheels: 700 kg
 Dimensions, trolley (incl. wheels), H x W x D: 993 x 723 x 481 mm
 Dimensions, drawers, H x W x D: 75/154 x 569 x 410 mm
 Empty weight: 67 kg
 Color: RAL9006

Description	Article No
Tool trolley, 7 drawers, ball bearing	K 10360

Top cabinet, 3 drawers, green



Top cabinet in sturdy double-wall steel construction. The drawers pull out fully and have sturdy, 46 mm ball bearing runners. To avoid the risk of the cabinet tipping forward under the weight of the tools, only one drawer can be opened at a time. All drawers are locked with a central locking system. All drawers also have transport locking when closed, ensuring that the cabinet can be moved without the drawers sliding out. Heavy-duty rubber mat for the work surface and thinner mats for all drawers. All drawers are endurance tested at a 40 kg load for 50,000 cycles.

Max load per drawer: 40 kg
 Max load for cabinet frame: 1,000 kg
 Dimensions, top cabinet, H x W x D: 375 x 723 x 481 mm
 Dimensions, drawers, H x W x D: 75 x 569 x 410 mm
 Weight when empty: 30 kg

Description	Article No
Top cabinet, 3 drawers, ball bearing	K 10363

Top cabinet, 3 drawers, gray



Top cabinet in sturdy double-wall steel construction. The drawers pull out fully and have sturdy, 46 mm ball bearing runners. To avoid the risk of the cabinet tipping forward under the weight of the tools, only one drawer can be opened at a time. All drawers are locked with a central locking system. All drawers also have transport locking when closed, ensuring that the cabinet can be moved without the drawers sliding out. Heavy-duty rubber mat for the work surface and thinner mats for all drawers. All drawers are endurance tested at a 40 kg load for 50,000 cycles.

Max load per drawer: 40 kg
 Max load for cabinet frame: 1,000 kg
 Dimensions, top cabinet, H x W x D: 375 x 723 x 481 mm
 Dimensions, drawers, H x W x D: 75 x 569 x 410 mm
 Weight when empty: 30 kg
 Color: RAL9006

Description	Article No
Top cabinet, 3 drawers, ball bearing	K 10365

Tool trolley, 13 drawers, green



Tool trolley in sturdy double-wall steel construction. The drawers pull out fully and have sturdy, 46 mm ball bearing runners. The large top drawer has double runners. To avoid the risk of the trolley tipping forward under the weight of the tools, only one drawer can be opened at a time. All drawers are locked with a central locking system. All drawers also have transport locking when closed, ensuring that the trolley can be moved without the drawers sliding out. Large, caster wheels (PU), two with braking function, 127x50 mm. Wooden panel for the work surface and thinner mats for all drawers. All drawers are endurance tested at a 40 kg load for 50,000 cycles. The trolley is endurance tested at a 300 kg load via a 20 km drum test with obstacle.

Max load per drawer: 40 kg
 Max load for the whole trolley on wheels: 1,000 kg
 Dimensions, trolley (inc. wheels), H x W x D: 993 x 1091 x 481 mm
 Dimensions, drawers, H x W x D: 75/120/155 x 308/569/960 x 410 mm
 Weight when empty: 139 kg

Description	Article No
Tool trolley, 13 drawers, ball bearing	K 10361

Tool trolley, 13 drawers, gray



Tool trolley in robust double-wall steel construction. The drawers pull out fully and have sturdy, 46 mm ball bearing runners. The large top drawer has double runners. To avoid the risk of the trolley tipping forward under the weight of the tools, only one drawer can be opened at a time. All drawers are locked with a central locking system. All drawers also have transport locking mode when closed, ensuring that the cabinet can be moved without the drawers sliding out. Large, ball bearing (PU) wheels, two of which with braking function, 127 x 50 mm. Wooden panel for the work surface and thinner mats for all drawers. All drawers are endurance tested at a 40 kg load for 50,000 cycles. The trolley is endurance tested at a 300 kg load on a rolling shaker for 20 km.

Maximum load per drawer: 40 kg
 Maximum load for the whole trolley on wheels: 1,000 kg
 Dimensions, trolley (incl. wheels), H x W x D: 993 x 1091 x 481 mm
 Dimensions, drawers, H x W x D: 75/120/155 x 308/569/960 x 410 mm
 Empty weight: 139 kg
 Color: RAL9006

Description	Article No
Tool trolley, 13 drawers, ball bearing	K 10364

Top cabinet, 8 drawers, green



Top cabinet in sturdy double-wall steel construction. The drawers pull out fully and have sturdy, 46 mm ball bearing runners. To avoid the risk of the cabinet tipping forward under the weight of the tools, only one drawer can be opened at a time.

All drawers are locked with a central locking system. All drawers also have transport locking when closed, ensuring that the cabinet can be moved without the drawers sliding out. Heavy-duty rubber mat for the work surface and thinner mats for all drawers.

Max load per drawer: 40 kg
 All drawers are endurance tested at a 40 kg load for 50,000 cycles
 Max load for cabinet frame: 1,000 kg
 Dimensions, top cabinet, H x W x D: 375 x 723 x 481 mm
 Dimensions, drawers, H x W x D: 75 x 308/569 x 410 mm
 Weight when empty: 64 kg

Description	Article No
Top cabinet, 8 drawers, ball bearing	K 10362

Top cabinet, 8 drawers



Top cabinet in sturdy double-wall steel construction. The drawers pull out fully and have sturdy, 46 mm ball bearing runners. To avoid the risk of the cabinet tipping forward under the weight of the tools, only one drawer can be opened at a time. All drawers are locked with a central locking system. All drawers also have transport locking when closed, ensuring that the cabinet can be moved without the drawers sliding out. Heavy-duty rubber mat for the work surface and thinner mats for all drawers.

Max load per drawer: 40 kg

All drawers are endurance tested at a 40 kg load for 50,000 cycles

Max load for entire unit, with wheels: 1,000 kg

Dimensions, top cabinet, H x W x D: 375 x 723 x 481 mm

Dimensions, drawers, H x W x D: 75 x 308/569 x 410 mm

Weight when empty: 64 kg

Color: RAL9006

Description	Article No
Top cabinet, 8 drawers, gray	K 10366

Shelf for tool trolleys



Shelf with high edges. Excellent storage for spray bottles, etc. Screws securely to the nuts in the trolley.

Description	Article No
Side shelf for tool trolley, black	K 10369

Content		
Width mm	Depth mm	Height mm
430	90	70/120

Work table for tool trolleys



Folding work table to be hung on a tool trolley. Max. load: 10 kg.

Description	Article No
Work table for trolley, black	K 10367

Content		
Width mm	Depth mm	Height mm
434	405	178

Holder for paper roll



Stable paper holder to be installed on tool trolleys. Screws securely to the nuts in the trolley.

Description	Article No
Holder for paper roll, black	K 10368

Content		
Width mm	Depth mm	Height mm
346	263	25

Magnetic bowl, rectangular



Magnetic bowl for small parts, bolts and nuts.

Dimension mm	Article No
140x240	K 195

Magnetic bowl, round



Magnetic bowl for small parts, bolts and nuts.

Dimension mm	Article No
Ø 150	K 192

Shelf trolley, three shelves



Sturdy trolley with three shelves and high side walls. Large, rubber wheels with bearings, two wheels have brakes. Max. load per shelf: 50 kg.

Description	Article No
Shelf trolley, 3 shelves	K 6479

Content			
Width mm	Depth mm	Height mm	Shelf height mm
683	468	820	57

Special screwdrivers



Description	Article No
Special screwdrivers, 12 pieces	K 26151

Basic items	Contents
K 6352	Mini screwdriver sets
K 63048	Screwdriver, PH 1 stubby
K 63049	Screwdriver, PH 2 stubby
K 63053	Screwdriver, PZD 1 stubby
K 63054	Screwdriver, PZD 2 stubby
K 63043	Screwdriver, slothead 4.0 mm stubby
K 63044	Screwdriver, slothead 6.5 mm stubby

Screwdrivers, PH, PZD



Description	Article No
PH and PZD screwdrivers, 6 pieces	K 26153

Basic items	Contents
K 63045	Screwdriver, PH 1, 80 mm
K 63046	Screwdriver, PH 2, 100 mm
K 63047	Screwdriver, PH 3, 150 mm
K 63050	Screwdriver, PZD 1, 80 mm
K 63051	Screwdriver, PZD 2, 100 mm
K 63052	Screwdriver, PZD 3, 150 mm

Slot screwdrivers



Description	Article No
Slot screwdrivers, 6 pieces	K 26152

Basic items	Contents
K 63036	Screwdriver, slothead 3.0 x 75 mm
K 63037	Screwdriver, slothead 4.0 x 100 mm
K 63038	Screwdriver, slothead 5.5 x 125 mm
K 63039	Screwdriver, slothead 6.5 x 150 mm
K 63040	Screwdriver, slothead 8.0 x 175 mm
K 63041	Screwdriver, slothead 10.0 x 200 mm

Screwdrivers, Slot, PH, PZD



Description	Article No
Screwdrivers, 7 pieces	K 26040

Included part	Contents
K 63036	Screwdriver, Slot, 3.0 x 75 mm
K 63037	Screwdriver, Slot, 4.0 x 100 mm
K 63038	Screwdriver, Slot, 5.5 x 125 mm
K 63045	Screwdriver, PH1, 80 mm
K 63046	Screwdriver, PH2, 100 mm
K 63050	Screwdriver, PZD1, 80 mm
K 63051	Screwdriver, PZD2, 100 mm

Screwdrivers, T8-T30



Description	Article No
Screwdrivers, 7 pieces	K 26041

Included part	Contents
K 63055	Screwdriver, T8, 80 mm
K 63056	Screwdriver, T10, 80 mm
K 63057	Screwdriver, T15, 80 mm
K 63058	Screwdriver, T20, 100 mm
K 63059	Screwdriver, T25, 100 mm
K 63060	Screwdriver, T30, 115 mm
K 63061	Screwdriver, T27, 115 mm

Screwdrivers with through-blade



Description	Article No
Screwdrivers 6 pieces	K 26044

Included item	Contents
K 63001	Screwdriver 6.5 x 150 mm, through-blade for impact
K 63002	Screwdriver 8 x 150 mm, through-blade for impact
K 63003	Screwdriver 10 x 200 mm, through-blade for impact
K 63004	Screwdriver PH1 80 mm, through-blade for impact
K 63005	Screwdriver PH2 100 mm, through-blade for impact
K 63006	Screwdriver PH3 150 mm, through-blade for impact

Pliers



Description	Article No
Pliers, 4 pieces	K 26043

Included part	Contents
K 1113	Side cutters, 160 mm
K 1125	Combination pliers, 180mm
K 1128	Radio pliers, 160 mm
K 1134	Water pump pliers, 250 mm

TOOL SETS



Lock ring pliers



Description	Article No
Lock ring pliers, 4 pieces	K 26045

Included part	Contents
K 1139	Lock ring pliers, 180 mm, straight/ext.
K 1140	Lock ring pliers, 170 mm, bent/ext.
K 1143	Lock ring pliers, 180 mm, straight/int.
K 1144	Lock ring pliers, 170 mm, bent/int.

Hose clamp pliers



Description	Article No
Hose clamp pliers, 3 pieces	K 26072

Basic item	Contents
K 227	Pliers for ear hose clamps
K 255	Pliers for Click & Click-R
K 236	Pliers for Mobeas

Locking pliers and adjustable wrench



Description	Article No
Locking pliers and adjustable wrench, 4 pieces	K 26069

Basic item	Contents
K 7258	Adjustable wrench
K 1147	Locking pliers with pipe grip
K 1148	Locking pliers with pipe grip
K 1149	Locking pliers with extra long jaws

Electric power tools



Description	Article No
Electric power tools, 4 pieces	K 26155

Included item	Contents
K 248	Crimping tool
K 10454	Cutting pliers
K 10492	Wire strippers
K 150	Voltage tester

Light vehicles

Heavy vehicles

Workshop equipment

Socket tools

Socket wrench sets

Wrenches

Screwdriver tools

Pliers

Impact tools

Sharp-edged tools

Storage

Tools for brake repairs



Description	Article No
Tools for brake repairs, 5 pieces	K 26071

Basic item	Contents
K 260	Pipe cutters
K 6390	Impact screwdriver set
K 2952	Brake wrenches
K 10200	Brake pipe pliers
K 10346	Brake fluid tester

Sharp-edged tools



Description	Article No
Sharp-edged tools, 5 pieces	K 26046

Included part	Contents
K 10833	Drill cassette, 1-10 mm
K 3654	Universal knife, 18 mm
K 2140	Round file 8", 200 mm
K 2137	Saw file 8", 200 mm
K 4709	Power shears, straight, 178 mm

Measurement tools



Description	Article No
Measuring tools, 5 pieces	K 26150

Included item	Contents
K 3636	Sliding calipers, digital
K 3657	Feeler gages
K 10440	Indicator clock
K 10441	Stand for indicator clock
K 3645	Micrometer

Impact tools



Description	Article No
Impact tools, 10 pieces	K 26047

Included part	Contents
K 1970	Ball peen hammer, 340 gram
K 5201	Dead-blow hammer, 40 mm, 520 g
K 10521	Chisel, 200 mm
K 10518	Center punch, 150 mm
K 10512	Drift pin, 3 mm×150 mm
K 10513	Drift pin, 4 mm×150 mm
K 10514	Drift pin, 5 mm×150 mm
K 10515	Drift pin, 6 mm×150 mm
K 10516	Drift pin, 8 mm×150 mm
K 10517	Drift pin, 10 mm×150 mm

Combination wrenches, 6-23 mm



Description	Article No
Combination wrenches, 18 pieces	K 26050

Included item	Contents
K 10000	Combination wrench 6 mm
K 10002	Combination wrench 8 mm
K 10001	Combination wrench 7 mm
K 10003	Combination wrench 9 mm
K 10004	Combination wrench 10 mm
K 10005	Combination wrench 11 mm
K 10006	Combination wrench 12 mm
K 10007	Combination wrench 13 mm
K 10008	Combination wrench 14 mm
K 10009	Combination wrench 15 mm
K 10010	Combination wrench 16 mm
K 10011	Combination wrench 17 mm
K 10012	Combination wrench 18 mm
K 10013	Combination wrench 19 mm
K 10014	Combination wrench 20 mm
K 10015	Combination wrench 21 mm
K 10016	Combination wrench 22 mm
K 10017	Combination wrench 23 mm

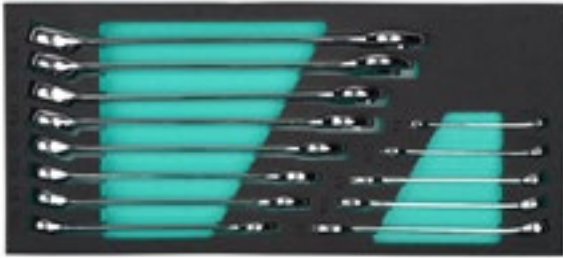
Combination wrenches, 24-32 mm



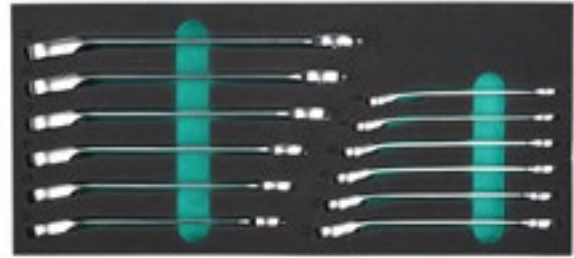
Description	Article No
Combination wrenches, 7 pieces	K 26051

Included item	Contents
K 10018	Combination wrench 24 mm
K 10019	Combination wrench 25 mm
K 10020	Combination wrench 26 mm
K 10021	Combination wrench 27 mm
K 10022	Combination wrench 28 mm
K 10024	Combination wrench 30 mm
K 10025	Combination wrench 32 mm

Combination wrenches, inch



Combination wrenches with ratchet, 8–19 mm



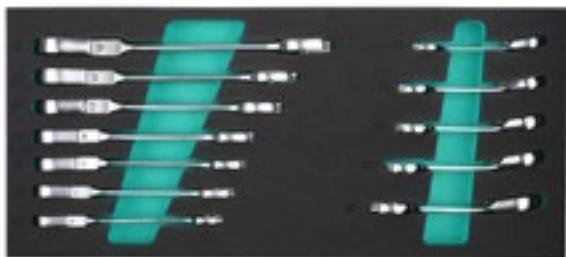
Description	Article No
Combination wrenches, inch, 13 pieces	K 26060

Included item	Contents
K 1285	Combination wrench, 1/4"
K 1286	Combination wrench, 5/16"
K 1287	Combination wrench, 3/8"
K 1288	Combination wrench, 7/16"
K 1289	Combination wrench, 1/2"
K 1290	Combination wrench, 9/16"
K 1292	Combination wrench, 5/8"
K 1293	Combination wrench, 11/16"
K 1294	Combination wrench, 3/4"
K 1295	Combination wrench, 13/16"
K 1296	Combination wrench, 7/8"
K 1297	Combination wrench, 15/16"
K 1298	Combination wrench, 1"

Description	Article No
Combination wrenches with ratchet, 12 pieces	K 26049

Included part	Contents
K 2560	Combination wrench with ratchet, 8 mm
K 2561	Combination wrench with ratchet, 9 mm
K 2562	Combination wrench with ratchet, 10 mm
K 2563	Combination wrench with ratchet, 11 mm
K 2564	Combination wrench with ratchet, 12 mm
K 2565	Combination wrench with ratchet, 13 mm
K 2566	Combination wrench with ratchet, 14 mm
K 2567	Combination wrench with ratchet, 15 mm
K 2568	Combination wrench with ratchet, 16 mm
K 2569	Combination wrench with ratchet, 17 mm
K 2570	Combination wrench with ratchet, 18 mm
K 2571	Combination wrench with ratchet, 19 mm

Combination wrenches with ratchet, 10–19 mm



Description	Article No
Combination wrenches with ratchet, 12 pieces	K 26048

Included part	Contents
K 2825	Combination wrench with ratchet, 10 mm, Stubby
K 2826	Combination wrench with ratchet, 12 mm, Stubby
K 2827	Combination wrench with ratchet, 13 mm, Stubby
K 2828	Combination wrench with ratchet, 14 mm, Stubby
K 2821	Combination wrench with ratchet, 16 mm, Stubby
K 2553	Combination wrench with ratchet, 10 mm, Flex
K 2554	Combination wrench with ratchet, 12 mm, Flex
K 2555	Combination wrench with ratchet, 13 mm, Flex
K 2556	Combination wrench with ratchet, 14 mm, Flex
K 2557	Combination wrench with ratchet, 16 mm, Flex
K 2558	Combination wrench with ratchet, 17 mm, Flex
K 2559	Combination wrench with ratchet, 19 mm, Flex

Open end wrench set 6–32 mm



Description	Article No
Open end wrench, 13 pieces	K 26066

Included item	Contents
K 10050	Open end wrench, 6-7 mm
K 10051	Open end wrench, 8-9 mm
K 10052	Open end wrench, 10-11 mm
K 10053	Open end wrench, 12-13 mm
K 10054	Open end wrench, 14-15 mm
K 10055	Open end wrench, 16-17 mm
K 10056	Open end wrench, 18-19 mm
K 10057	Open end wrench, 20-22 mm
K 10058	Open end wrench, 21-23 mm
K 10059	Open end wrench, 22-24 mm
K 10060	Open end wrench, 23-26 mm
K 10061	Open end wrench, 24-27 mm
K 10062	Open end wrench, 30-32 mm

Double-deep offset wrenches, 6–22 mm



Description	Article No
Double-deep offset wrenches, 8 pieces	K 26067

Included item	Contents
K 10070	Double-deep offset wrenches, 6-7 mm
K 10071	Double-deep offset wrenches, 8-9 mm
K 10072	Double-deep offset wrenches, 10-11 mm
K 10073	Double-deep offset wrenches, 12-13 mm
K 10074	Double-deep offset wrenches, 14-15 mm
K 10075	Double-deep offset wrenches, 16-17 mm
K 10076	Double-deep offset wrenches, 18-19 mm
K 10077	Double-deep offset wrenches, 20-22 mm

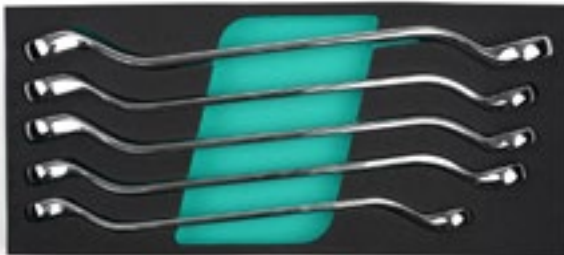
Flex head wrenches, 8-19 mm



Description	Article No
Flex head wrenches, 6 pieces	K 26052

Included part	Contents
K 2432	Flex head wrench set 8-19 mm

Double-deep offset wrenches, 21-32 mm



Description	Article No
Double-deep offset wrenches, 5 pieces	K 26068

Included item	Contents
K 10078	Double-deep offset wrenches, 21-23 mm
K 10079	Double-deep offset wrenches, 24-26 mm
K 10080	Double-deep offset wrenches, 24-27 mm
K 10081	Double-deep offset wrenches, 25-28 mm
K 10082	Double-deep offset wrenches, 30-32 mm

Socket tools 1/4"



Description	Article No
Socket tools 1/4", 29 pieces	K 26053

Included part	Contents
K 4132	Ratchet wrench, 1/4", close-stepped
K 20002	T-handle, 1/4", 115 mm
K 20003	Extension, 1/4", 50 mm
K 20004	Extension with ball, 1/4"
K 20005	Extension, 1/4", 100 mm
K 20006	Extension, 1/4", 300 mm
K 20009	Universal joint, 1/4"
K 20012	Socket, 1/4", 4.0 mm
K 20013	Socket, 1/4", 4.5 mm
K 20014	Socket, 1/4", 5.0 mm
K 20015	Socket, 1/4", 5.5 mm
K 20016	Socket, 1/4", 6.0 mm
K 20017	Socket, 1/4", 7.0 mm
K 20018	Socket, 1/4", 8.0 mm
K 20019	Socket, 1/4", 9.0 mm
K 20020	Socket, 1/4", 10 mm
K 20021	Socket, 1/4", 11 mm
K 20022	Socket, 1/4", 12 mm
K 20023	Socket, 1/4", 13 mm
K 20034	Socket, 1/4", 4.0 mm, long
K 20035	Socket, 1/4", 5.0 mm, long
K 20036	Socket, 1/4", 6.0 mm, long
K 20037	Socket, 1/4", 7.0 mm, long
K 20038	Socket, 1/4", 8.0 mm, long
K 20039	Socket, 1/4", 9.0 mm, long
K 20040	Socket, 1/4", 10 mm, long
K 20041	Socket, 1/4", 11 mm, long
K 20042	Socket, 1/4", 12 mm, long
K 20043	Socket, 1/4", 13 mm, long

Hex head and Torx*, wrenches and 1/4" sockets



Description	Article No
Allen head & Torx; 1/4" sockets & wrenches, 20 pieces	K 26062

Included part	Contents
K 20050	Socket, 1/4", T8
K 20051	Socket, 1/4", T10
K 20052	Socket, 1/4", T15
K 20053	Socket, 1/4", T20
K 20054	Socket, 1/4", T25
K 20055	Socket, 1/4", T27
K 20056	Socket, 1/4", T30
K 20057	Socket, 1/4", T40
K 1414	Torx* wrench set, folding set, T8-T40
K 20058	Socket, 1/4", E6
K 20059	Socket, 1/4", E7
K 20060	Socket, 1/4", E8
K 20044	Socket, 1/4", Hex head, 3 mm
K 20045	Socket, 1/4", Hex head, 4 mm
K 20046	Socket, 1/4", Hex head, 5 mm
K 20047	Socket, 1/4", Hex head, 6 mm
K 20048	Socket, 1/4", Hex head, 8 mm
K 20049	Socket, 1/4", Hex head, 10 mm
K 1410	Hex head wrench set, long, 1.5-10 mm
K 1413	Hex head wrench set, folding set, 2.5-10 mm

* Torx® is a registered trademark of Acument Intellectual Properties LLC.

Socket tools 3/8"



Sockets 3/8", 8–22 mm, long and short



Description	Article No
Socket tools 3/8", 9 pieces	K 26057

Included part	Contents
K 4133	Ratchet wrench, 3/8", close-stepped
K 4106	Ratchet wrench, 3/8", endless, Stubby
K 21005	Universal joint, 3/8"
K 21002	Extension with ball, 3/8", 75 mm
K 21003	Extension, 3/8", 150 mm
K 4088	Extension with ball, 3/8", 250 mm
K 21009	Spark plug socket, 3/8", 16 mm
K 21010	Spark plug socket, 3/8", 18 mm
K 21008	Spark plug socket, 3/8", 21 mm

Description	Article No
Sockets 3/8", mm, 30 pieces	K 26058

Included part	Contents
K 21011	Socket, 3/8", 8 mm
K 21012	Socket, 3/8", 9 mm
K 21013	Socket, 3/8", 10 mm
K 21014	Socket, 3/8", 11 mm
K 21015	Socket, 3/8", 12 mm
K 21016	Socket, 3/8", 13 mm
K 21017	Socket, 3/8", 14 mm
K 21018	Socket, 3/8", 15 mm
K 21019	Socket, 3/8", 16 mm
K 21020	Socket, 3/8", 17 mm
K 21021	Socket, 3/8", 18 mm
K 21022	Socket, 3/8", 19 mm
K 21023	Socket, 3/8", 20 mm
K 21024	Socket, 3/8", 21 mm
K 21025	Socket, 3/8", 22 mm
K 21026	Socket, 3/8", 8 mm, long
K 21027	Socket, 3/8", 9 mm, long
K 21028	Socket, 3/8", 10 mm, long
K 21029	Socket, 3/8", 11 mm, long
K 21030	Socket, 3/8", 12 mm, long
K 21031	Socket, 3/8", 13 mm, long
K 21032	Socket, 3/8", 14 mm, long
K 21033	Socket, 3/8", 15 mm, long
K 21034	Socket, 3/8", 16 mm, long
K 21035	Socket, 3/8", 17 mm, long
K 21036	Socket, 3/8", 18 mm, long
K 21037	Socket, 3/8", 19 mm, long
K 21038	Socket, 3/8", 20 mm, long
K 21039	Socket, 3/8", 21 mm, long
K 21040	Socket, 3/8", 22 mm, long

Sockets, 3/8", 5/16"-1"



Description	Article No
3/8" sockets, 21 pieces	K 26070

Basic item	Contents
K 21041	Socket, 3/8", 5/16"
K 21042	Socket, 3/8", 3/8"
K 21043	Socket, 3/8", 7/16"
K 21044	Socket, 3/8", 1/2"
K 21045	Socket, 3/8", 9/16"
K 21046	Socket, 3/8", 5/8"
K 21047	Socket, 3/8", 11/16"
K 21048	Socket, 3/8", 3/4"
K 21049	Socket, 3/8", 13/16"
K 21050	Socket, 3/8", 7/8"
K 21051	Socket, 3/8", 1"
K 21052	Socket, 3/8", 3/8", long
K 21053	Socket, 3/8", 7/16", long
K 21054	Socket, 3/8", 1/2", long
K 21055	Socket, 3/8", 9/16", long
K 21056	Socket, 3/8", 5/8", long
K 21057	Socket, 3/8", 11/16", long
K 21058	Socket, 3/8", 3/4", long
K 21059	Socket, 3/8", 13/16", long
K 21060	Socket, 3/8", 7/8", long
K 21061	Socket, 3/8", 1", long

Sockets Hex head, short and long, 3/8"



Description	Article No
Sockets; Allen head, short & long, 3/8", 12 pieces	K 26064

Included part	Contents
K 4120	Socket, 3/8", Hex head, 5 mm
K 4121	Socket, 3/8", Hex head, 6 mm
K 4122	Socket, 3/8", Hex head, 7 mm
K 4123	Socket, 3/8", Hex head, 8 mm
K 4124	Socket, 3/8", Hex head, 10 mm
K 4125	Socket, 3/8", Hex head, 12 mm
K 4126	Socket, 3/8", Hex head, 14 mm
K 4057	Socket, 3/8", Hex head, 5 mm, long
K 4058	Socket, 3/8", Hex head, 6 mm, long
K 4059	Socket, 3/8", Hex head, 7 mm, long
K 4060	Socket, 3/8", Hex head, 8 mm, long
K 4061	Socket, 3/8", Hex head, 10 mm, long

Sockets XZN, T and E, short and long, 3/8" Socket tools 1/2"



Description	Article No
Sockets; XZN, T & E, short and long, 3/8", 13 pieces	K 26065

Included item	Contents
K 4056 T30	Socket, 3/8", T30
K 4056 T40	Socket, 3/8", T40
K 4056 T45	Socket, 3/8", T45
K 4056 T50	Socket, 3/8", T50
K 4053	Socket, 3/8", T30, long
K 4054	Socket, 3/8", T40, long
K 4055	Socket, 3/8", T45, long
K 4056	Socket, 3/8", T50, long
K 4056 E10	Socket, 3/8", E10
K 4056 E12	Socket, 3/8", E12
K 4056 E14	Socket, 3/8", E14
K 21062	Socket, 3/8", XZN, 8 mm
K 21063	Socket, 3/8", XZN, 10 mm

Description	Article No
Socket tools 1/2", 9 pieces	K 26054

Included part	Contents
K 4134	Ratchet wrench, 1/2", close-stepped
K 22004	Extension, 1/2", 125 mm
K 22005	Extension, 1/2", 250 mm
K 4090	Extension with ball, 1/2", 150 mm
K 4089	Extension with ball, 1/2", 75 mm
K 22007	Universal joint, 1/2"
K 22010	Spark plug socket, 1/2", 16 mm
K 22011	Spark plug socket, 1/2", 21 mm

Impact sockets 1/2", 10–32 mm



Description	Article No
Impact sockets 1/2", mm, 18 pieces	K 26055

Included part	Contents
K 8210	Impact socket, 1/2", 10 mm
K 8211	Impact socket, 1/2", 11 mm
K 8212	Impact socket, 1/2", 12 mm
K 8213	Impact socket, 1/2", 13 mm
K 8214	Impact socket, 1/2", 14 mm
K 8215	Impact socket, 1/2", 15 mm
K 8216	Impact socket, 1/2", 16 mm
K 8217	Impact socket, 1/2", 17 mm
K 8218	Impact socket, 1/2", 18 mm
K 8219	Impact socket, 1/2", 19 mm
K 8220	Impact socket, 1/2", 20 mm
K 8221	Impact socket, 1/2", 21 mm
K 8222	Impact socket, 1/2", 22 mm
K 8223	Impact socket, 1/2", 23 mm
K 8224	Impact socket, 1/2", 24 mm
K 8227	Impact socket, 1/2", 27 mm
K 8230	Impact socket, 1/2", 30 mm
K 8232	Impact socket, 1/2", 32 mm

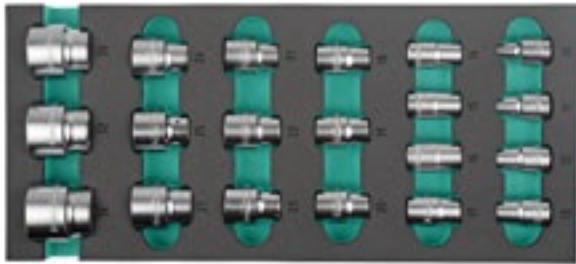
Impact sockets long, 1/2", 10–24 mm



Description	Article No
Impact sockets, long, 1/2", mm, 12 pieces	K 26056

Included item	Contents
K 8310	Impact socket, 1/2", 10 mm, long, thin
K 8311	Impact socket, 1/2", 11 mm, long, thin
K 8312	Impact socket, 1/2", 12 mm, long, thin
K 8313	Impact socket, 1/2", 13 mm, long, thin
K 8314	Impact socket, 1/2", 14 mm, long, thin
K 8315	Impact socket, 1/2", 15 mm, long, thin
K 8316	Impact socket, 1/2", 16 mm, long, thin
K 8350	Impact socket, 1/2", HD, 17 mm, long
K 8318	Impact socket, 1/2", 18 mm, long, thin
K 8351	Impact socket, 1/2", HD, 19 mm, long
K 8352	Impact socket, 1/2", HD, 21 mm, long
K 8324	Impact socket, 1/2", 24 mm, long, thin

Sockets, 1/2", 10-34 mm



Description	Article No
1/2" sockets, 20 pieces	K 26074

Basic item	Contents
K 22012	Socket, 1/2", 10mm
K 22013	Socket, 1/2", 11mm
K 22014	Socket, 1/2", 12mm
K 22015	Socket, 1/2", 13mm
K 22016	Socket, 1/2", 14mm
K 22017	Socket, 1/2", 15mm
K 22018	Socket, 1/2", 16mm
K 22019	Socket, 1/2", 17mm
K 22020	Socket, 1/2", 18mm
K 22021	Socket, 1/2", 19mm
K 22022	Socket, 1/2", 20mm
K 22023	Socket, 1/2", 21mm
K 22024	Socket, 1/2", 22mm
K 22025	Socket, 1/2", 23mm
K 22026	Socket, 1/2", 24mm
K 22027	Socket, 1/2", 25mm
K 22028	Socket, 1/2", 27mm
K 22029	Socket, 1/2", 30mm
K 22030	Socket, 1/2", 32mm
K 22031	Socket, 1/2", 34mm

Sockets, 1/2", 10-22 mm, long



Description	Article No
1/2" sockets, 13 pieces	K 26073

Basic item	Contents
K 22032	Socket, 1/2", 10mm, long
K 22033	Socket, 1/2", 11mm, long
K 22034	Socket, 1/2", 12mm, long
K 22035	Socket, 1/2", 13mm, long
K 22036	Socket, 1/2", 14mm, long
K 22037	Socket, 1/2", 15mm, long
K 22038	Socket, 1/2", 16mm, long
K 22039	Socket, 1/2", 17mm, long
K 22040	Socket, 1/2", 18mm, long
K 22041	Socket, 1/2", 19mm, long
K 22042	Socket, 1/2", 20mm, long
K 22043	Socket, 1/2", 21mm, long
K 22044	Socket, 1/2", 22mm, long

Sockets 1/2", 3/8"-1 1/4"



Description	Article No
Sockets 1/2", inch, 15 pieces	K 26059

Included part	Contents
K 22045	Socket 1/2", 3/8"
K 22046	Socket 1/2", 7/16"
K 22047	Socket 1/2", 1/2"
K 22048	Socket 1/2", 9/16"
K 22050	Socket 1/2", 5/8"
K 22052	Socket 1/2", 11/16"
K 22053	Socket 1/2", 3/4"
K 22055	Socket 1/2", 13/16"
K 22056	Socket 1/2", 7/8"
K 22057	Socket 1/2", 15/16"
K 22058	Socket 1/2", 1"
K 22059	Socket 1/2", 1 1/16"
K 22060	Socket 1/2", 1 1/8"
K 22061	Socket 1/2", 1 3/16"
K 22062	Socket 1/2", 1 1/4"

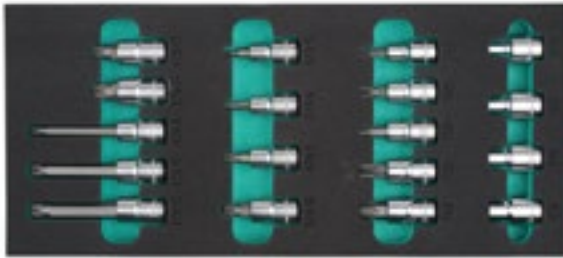
Sockets Hex head, short and long, 1/2"



Description	Article No
Sockets; Allen head, short & long, 1/2", 13 pieces	K 26061

Included part	Contents
K 22063	Socket, 1/2", Hex head, 5 mm
K 22064	Socket, 1/2", Hex head, 6 mm
K 22072	Socket, 1/2", Hex head, 7 mm, long
K 22065	Socket, 1/2", Hex head, 7 mm
K 22073	Socket, 1/2", Hex head, 8 mm, long
K 22066	Socket, 1/2", Hex head, 8 mm
K 22074	Socket, 1/2", Hex head, 10 mm, long
K 22067	Socket, 1/2", Hex head, 10 mm
K 22075	Socket, 1/2", Hex head, 12 mm, long
K 22068	Socket, 1/2", Hex head, 12 mm
K 22069	Socket, 1/2", Hex head, 14 mm
K 22070	Socket, 1/2", Hex head, 17 mm
K 22071	Socket, 1/2", Hex head, 19 mm

Sockets XZN, T and E, short and long, 1/2" Impact sockets 3/4"



Description	Article No
Sockets; XZN, T & E, short & long, 1/2", 18 pieces	K 26063

Description	Article No
Impact sockets 3/4", 12 pieces	K 26154

Included part	Contents
K 22090	Socket, 1/2", E10
K 22091	Socket, 1/2", E12
K 22092	Socket, 1/2", E14
K 22093	Socket, 1/2", E16
K 20085	Socket, 1/2", T40
K 20086	Socket, 1/2", T45
K 20087	Socket, 1/2", T50
K 20088	Socket, 1/2", T55
K 20089	Socket, 1/2", T60
K 22076	Socket, 1/2", XZN, 5 mm
K 22077	Socket, 1/2", XZN, 6 mm
K 22082	Socket, 1/2", XZN, 8 mm, long
K 22078	Socket, 1/2", XZN, 8 mm
K 22083	Socket, 1/2", XZN, 10 mm, long
K 22079	Socket, 1/2", XZN, 10 mm
K 22084	Socket, 1/2", XZN, 12 mm, long
K 22080	Socket, 1/2", XZN, 12 mm
K 22081	Socket, 1/2", XZN, 14 mm

Included item	Contents
K 8432	Impact socket, 3/4", 32 mm
K 8433	Impact socket, 3/4", 33 mm
K 8436	Impact socket, 3/4", 36 mm
K 8437	Impact socket, 3/4", 37 mm
K 8438	Impact socket, 3/4", 38 mm
K 8441	Impact socket, 3/4", 41 mm
K 8442	Impact socket, 3/4", 42 mm
K 8443	Impact socket, 3/4", 43 mm
K 8446	Impact socket, 3/4", 46 mm
K 8447	Impact socket, 3/4", 47 mm
K 8450	Impact socket, 3/4", 50 mm
K 8912	Adapter 1/2" - 3/4"

Drawer interior



Description	Length mm	Article No
Drawer interior, universal, 1/3 drawer	410x185	K 26030
Drawer interior, universal, one drawer	410x560	K 26031
Drawer interior, universal, U-profile	410x120	K 26032
Drawer interior, universal, U-profile	410x80	K 26033

Tool cabinet on legs, 1/2"



A classic wheeled tool cabinet which provides a good tool overview and prevents the need to lift from low down. The rear wall can be moved in, for hose storage, for example. Large wheels, 125 mm, two of which are lockable, stable legs and doors with built-in locks make this cabinet a reliable partner in your workshop.

Supplied with 105 holders.

Weight 36 kg.

Description	Article No
Tool cabinet on legs	K 6451

Tool set, 1/2", for tool cabinets



Description	Article No
Tool set, 1/2"	K 7006

Content Quantity pieces	Contents
16	Socket wrench set, 1/4", mm, 16-piece
13	Sockets, 1/2", 10-24 mm
6	Sockets, long, 1/2", 13, 14, 17, 18, 19, 21 mm
8	Sockets, Hex head, 1/2", 5, 6, 7, 8, 10, 12, 14, 17 mm
3	Sockets, Hex head, long, 1/2", 7, 8, 10 mm
4	Sockets, Torx*, 1/2", TX40, TX45, TX50, TX55
4	Sockets, Torx*, 1/2", E10, E12, E14, E16
3	Impact sockets, long, 1/2", 17, 19, 21 mm
3	Spark plug sockets with magnet, 1/2", 16, 18, 21 mm
1	Universal joint with ball joint, 1/2"x1/2"
1	Universal joint, 1/2"
1	Extension with socket lock, 1/2", 250 mm
2	Extension with ball, 1/2", 125, 250 mm
1	Flex handle, 1/2"
1	Ratchet wrench, 1/2", close-stepped
19	Combination wrenches, 6-24 mm
1	Combination wrench, 27 mm
3	Combination wrenches, extra long, 8, 10, 13 mm
3	Combination wrenches with ratchet, 8, 10, 13 mm
2	Brake wrench set, 10x11, 12x13 mm
1	Adjustable wrench 8"
1	Vicegrip pliers, 250 mm
1	Combination pliers, 180 mm
1	Side cutters, 160 mm
5	Drift, 3, 4, 5, 6, 8 mm
1	Dead-blow hammer, 40 mm, 520 g
1	Workshop hammer hickory handle, 800 g
2	Lock ring pliers, 180 mm, straight/outside & straight/inside
2	Needlenose pliers, extra long, straight & angled
1	Hose pliers, 3-piece
1	Hex head wrench set with ball 1.5-10 mm
2	Slot screwdrivers, 10.0 mm & 12.0 mm
2	Slot screwdrivers, 3.0 mm & 4.0 mm
1	Slot screwdriver, throughblade, 8.0x150 mm
1	Pozidrive screwdriver, PZD2
4	Philips screwdrivers, PH1, PH2x2, PH3
1	Philips screwdriver, throughblade, PH2
6	Torx* screwdrivers, T10, T15, T20, T25, T27, T30
1	Hose screwdriver, 7 mm, 160 mm
1	Knife
1	Power shears, straight
1	Gasket scraper
1	Sliding gauge
1	Feeler gauge, 0.05-1.00, 13-bladed
1	Magnetic pen, telescopic
1	Inspection mirror, telescopic

* Torx® is a registered trademark of Acument Intellectual Properties LLC.

Tool bag



Tool bag with 24 compartments of heavy-duty, double nylon fabric. Fitted with a hard bottom, sturdy comfortable handles and an adjustable shoulder strap. Extra reinforcement at all points and heavy-duty zipper.

Width mm	Length mm	Height mm	Article No
290	470	380	K 6011

Tool boxes



In heavy gauge sheet metal with impact resistant surface. Galvanised link arm. One piece end link and tubular handle. Extra strong attachments for the links. Lockable with padlock.

No. of drawers	Width mm	Length mm	Height mm	Article No
5	200	500	240	K 6015

Tools in box, 98-piece



5-compartment toolbox with tools.

Description	Article No
Toolbox with tools	K 6017

Content	Contents
1	Toolbox, 5-compartment
3	Adjustable wrenches, 4", 6", 8"
6	Flex head wrenches, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19 mm
12	Combination wrenches, 8-19 mm
1	Side cutters, 7"
1	Radio pliers, 6"
1	Gripping pliers, 10"
1	Vicegrip pliers, 10"
1	Combination pliers, 7"
1	Pipe wrench, 1 1/2"
1	Crimping tool
2	Phillips screwdrivers, PH1 and PH2
2	Screwdrivers, 100x6 mm & 150x8 mm
1	Hex key set, 2-8 mm
1	Hand file, medium coarse, 10"
1	Steel brush, 2-row
1	Peen hammer, 395 gr
3	Drift, 3, 4, 5 mm
1	Punch
1	Chisel, 200 mm
1	Work knife
1	Measuring rule, 2 m
1	Ratchet wrench, 1/2", close-stepped
1	Extension, 1/2"-10"
1	Universal joint, 1/2"
4	Sockets, 1/2", 12, 13, 17, 19 mm
1	Drill cassette, 1-10 mm
1	Bits set with 19 bits, 3 mm drill, and magnetic holder

Work bench



Stable work bench for heavy work and high loads. Sound-damping and shock-absorbing acoustic top and adjustable legs.

Width mm	Length mm	Height mm	Article No
700	1500	750-950	K 6428

Mat for workbench



Black rubber mat with good resistance against oils and grease.

Width mm	Length mm	Thickness mm	Article No
700	1500	2	K 6427

Tool board for workbench



Tool board for workbench

Width mm	Height mm	Article No
1480	960	K 6433

Tool board



Bend edges provides rigidity to the sheet metal. Thickness of sheet 1 mm. Round holes Ø 4.2 mm, cc distance 12 mm.

Height mm	Length mm	Article No
800	960	K 5145

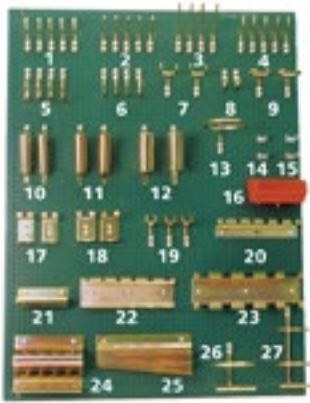
Installation set for tool board



Installation set for tool board

Description	Article No
Installation set for board K 6433	K 6432

Tool holders for tool board



Loose tool holders of various models for tool trolleys and tool boards with round holes, Ø 4.2 mm, and cc-distance 12 mm.

Type	Number	Article No
Holder for socket 1/2", 5-piece	1	K 5120
Holder for socket 3/8", 5-piece	1	K 5101
Holder straight 45 mm, 5-piece	2	K 5121
Holder straight 100 mm, 4-piece	3	K 5129
Holder bent 45 mm, 5-piece	4	K 5141
Holder semi-round 58 mm, 4-piece	5	K 5132
Holder semi-round 40 mm, 4-piece	6	K 5122
Holder fork 26 mm, 2-piece	7	K 5137
Holder hook 32 mm, 2-piece	8	K 5130
Holder pipe 15 mm, 2-piece	10	K 5152
Holder pipe 21 mm, 2-piece	11	K 5153
Holder pipe 29 mm, 2-piece	12	K 5154
Holder ring 80 mm, 1 piece	13	K 5155
Holder spring 20 mm, 2-piece	14	K 5117
Holder spring 30 mm, 2-piece	15	K 5118
Fastener for plastic box	--	K 5142
Plastic box	16	K 5143
Holder for 6 flex wrenches, 1 piece	20	K 5140
Holder for 3 screwdrivers, 1 piece	21	K 5135
Holder for 6 screwdrivers, 1 piece	22	K 5136
Holder for 5 tools, 1 piece	23	K 5133
Holder for 5 pliers, 1 piece	24	K 5139
Holder bottle 90 mm, 1 piece	26	K 5156
Holder spray 75 mm, 1 piece	27	K 5157
Mounting screw, 10x6.5, 25-piece	--	K 5148

Tool holders, set



A set with tool holders for the most common tools.

Description	Article No
Hook set, 40 pieces + screw	K 5147

Content	Type
Quantity pieces	
20	Holder straight 45 mm
4	Holder straight 100 mm
2	Holder semicircular 40 mm
2	Holder fork 26 mm
2	Holder hook 32 mm
2	Holder round 15 mm
2	Holder round 21 mm
4	Holder fork 15 mm
80	Sheet metal screws

Holder for sockets



Socket holder with aluminum track and plastic holder with spring-loaded steel ball.

Dimension	Length mm	Article No
1/4"	190	K 26100
3/8"	305	K 26101
1/2"	350	K 26102

ARTICLE INDEX



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WARRANTY

Every tool from Kamasa Tools is thoroughly monitored during manufacturing and is inspected for material and manufacturing defects before delivery to our customers. We are proud of the reliability of our products, and therefore we provide a full warranty, including material and manufacturing defects – without requiring proof of purchase.

Prerequisites for the Kamasa Tools Warranty to apply, are:

- the tool is a tool from Kamasa Tools®
- the tool has been used properly and correctly
- the tool has been well taken care of, i.e., has been cleaned and lubricated
- the tool has not been overloaded
- the tool is not worn

Conditions for the Kamasa Tools Warranty

Unless otherwise indicated, the warranty applies to all tools under normal conditions of use and gives the right to repair or a new product from the current range.

Warranty assessment

The defective product is submitted to the Kamasa Tools dealer or an agent appointed by Kamasa Tools. Before a defective tool is refunded, it is assessed according to the above criteria. Application of the warranty does not entitle an indemnity of any kind.

Exceptions from the Kamasa Tools Warranty are:

- consumables, i.e., products that are normally worn out or cease to function after a period of usage. For example: products such as drill-bits, screw-bits, files, saw blades, knives, batteries, etc.
- tools that have been used incorrectly or in a way not intended, tools that have been overloaded, tools that have been worn out due to prolonged usage, or tools that have been insufficiently maintained.
- tools that have been modified, altered or subjected to events of Force Majeure and nature.
- storage boxes, cases, interiors for cabinets and drawers and other packaging materials.
- tools containing electronics, pneumatics or hydraulics. For these tools, the statutory complaints right applies, normally one (1) year, upon presentation of proof of purchase.
- torque wrenches that have not been calibrated are not covered by the warranty.



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