

KRAFTWERK®

FAVORITE TOOLS SINCE 1979

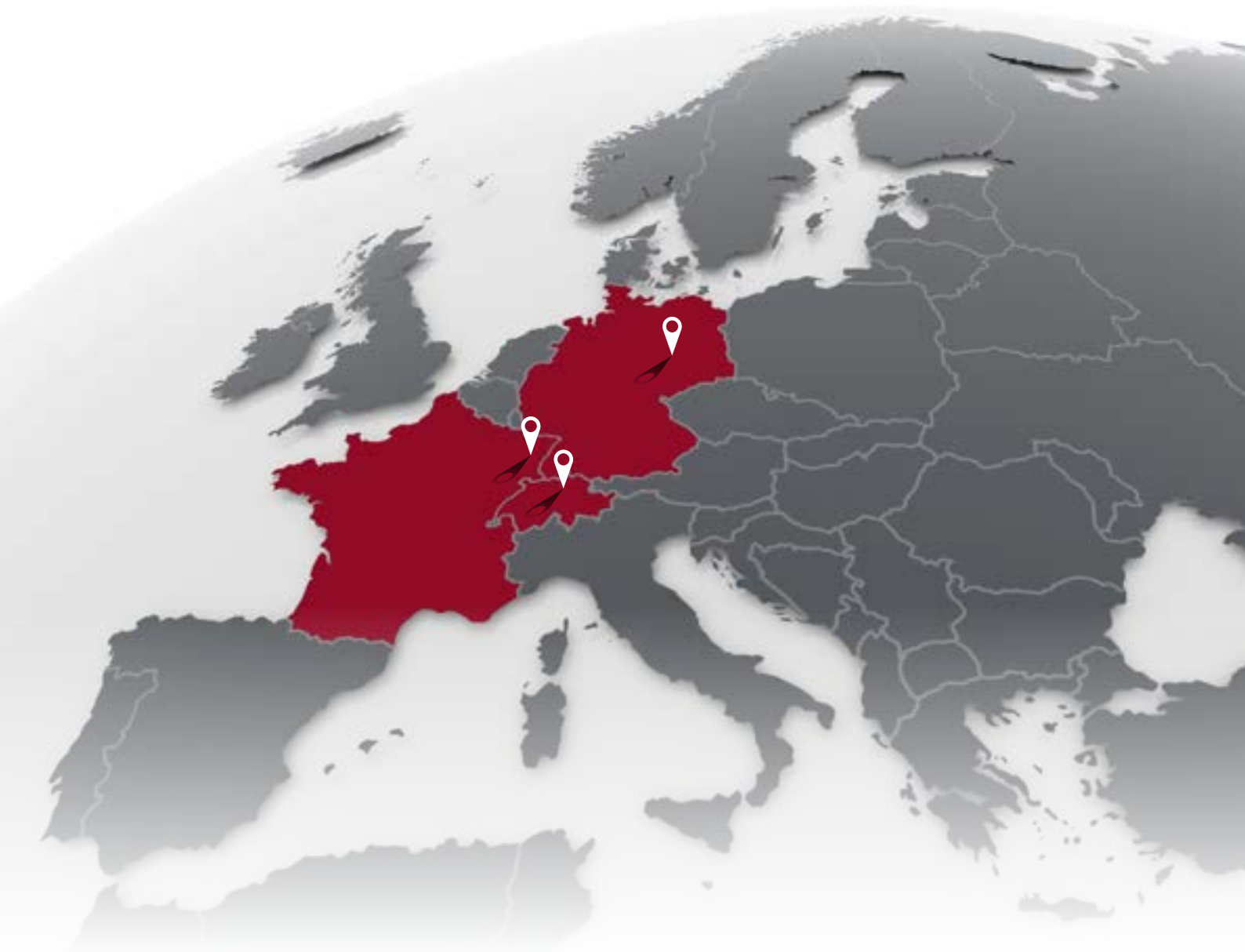


GENERAL COLLECTION

kraftwerktools.com

KRAFTWERK®

FAVORITE TOOLS SINCE 1979



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KRAFTWERK - QUALITY AND SUSTAINABILITY AS THE CORNERSTONE OF SUCCESS

KRAFTWERK is a **Swiss company** that manufactures high-quality hand tools and workshop equipment. Since 1979, the family-run company has been operating successfully in attractive segments such as automotive, agriculture, construction, industry and hobby crafts.

With its own **production facility for workshop trolleys in Stassfurt, Germany**, KRAFTWERK guarantees top quality and 100% made in Germany. The company strives to be recognised nationally and internationally as the preferred supplier of tools for professional tradesmen and discerning hobby craftsmen.

Through **innovative** and **sustainable** products, KRAFTWERK aims to offer the best solution for every requirement and ensure its long-term success. KRAFTWERK's corporate values emphasise partnerships and customer satisfaction. The company strives to develop tools that will become every craftsman's favourite tool.

With Swiss precision, German quality and a clear focus on customer satisfaction and sustainability, KRAFTWERK has established itself as a trustworthy partner for professional tradesmen and hobby craftsmen.

The company will continue to develop and produce innovative solutions in order to further expand its position in the tool industry.

TOOL CABINETS, MOBILE WORKBENCHES & TRANSPORT TROLLEYS



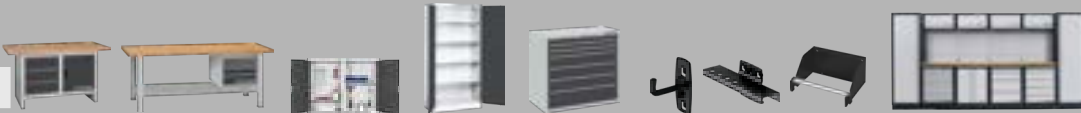
EVA TOOL INLAYS / EQUIPPED & EMPTY



TOOL CASES, BAGS & BOXES



WORKBENCHES & STORAGE SOLUTIONS



HAND TOOLS



PNEUMATICS, HYDRAULICS / LIFTING TOOLS



BATTERY POWERED TOOLS



EQUIPMENT FOR THE WORKSHOP



1. Tool cabinets, mobile workbenches & transport trolleys

1.1. Tool cabinet PT LINE	11
1.2. Tool cabinet BT LINE	15
Accessories & spare parts BT LINE	28
1.3. Tool cabinet LT LINE	31
Accessories & spare parts LT LINE	35
1.4. Mobile workbenches & transport trolleys	37

1

2. EVA tool inlays / equipped & empty

2.1. PRO LINE EVA inlays 20 × 40 cm / equipped & empty	46
PRO LINE EVA inlays 60 × 40 cm / equipped & empty	53
2.2. BASIC LINE EVA inlays 20 × 40 cm / equipped & empty	56
BASIC LINE EVA inlays 60 × 40 cm / equipped & empty	66
2.3. VDE EVA inlays 60 × 40 cm / equipped & empty	70

2

3. Tool cases, bags & boxes

3.1. PRO LINE tool case	76
3.2. BASIC LINE tool case	84
3.3. Tool bags	95
3.4. Tool boxes	99

3

4. Workbenches & Storage solutions

4.1. Industrial equipment COMPACT	102	4.2. MOBILIO workshop equipment system	128
Industrial equipment MODULAR	108	MOBILIO single furniture	130
Work and welding tables	116	MOBILIO DEEP	136
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Hinged door cabinet	122	MOBILIO accessories	138
Drawer cabinets	123	MOBILIO spare parts	146

4

5. Hand tools

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5.2. Reversible ratchets	175	5.8. Pliers	273
5.3. Sockets	180	5.9. Impact tools	307
5.4. Extensions / adapters / accessories	201	5.10. Cutting / filing / drilling tools	319
5.5. Socket wrench sets	214	5.11. Measuring tools	348
5.6. Torque wrench / torque angle measuring devices	241	5.12. Bits / puller / hook & bolt extractor	353

5

6. Pneumatics, hydraulics / lifting tools

6.1. Pneumatics	383
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6

7. Battery powered tools

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7.2. Battery charger	398
7.3. Powertools	401

7

8. Equipment for the workshop

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8.2. Engine tools	415
8.3. Bodywork tools	429
8.4. Chassis, underfloor & framework tools	435
8.5. Wheel and tyre tools	442
8.6. Lighting	446

8





TOOL CABINETS, MOBILE WORKBENCHES & TRANSPORT TROLLEYS

EVA TOOL INLAYS FOR ALL KRAFTWERK TOOL CABINETS

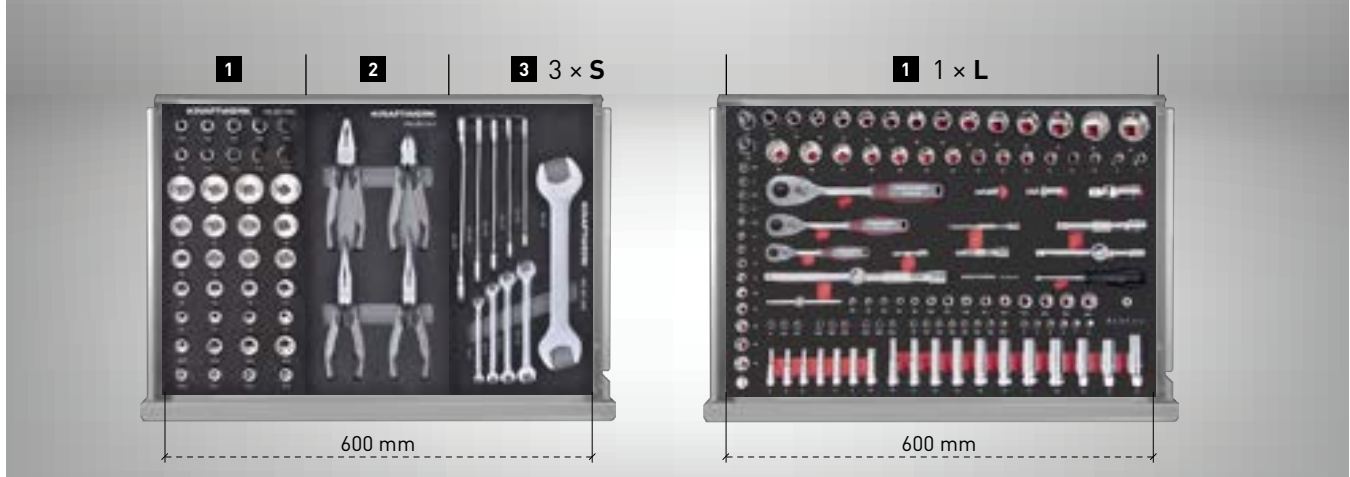
For BT700, BT900, BT1100, BT1800, LT700, PT800 & PT1000

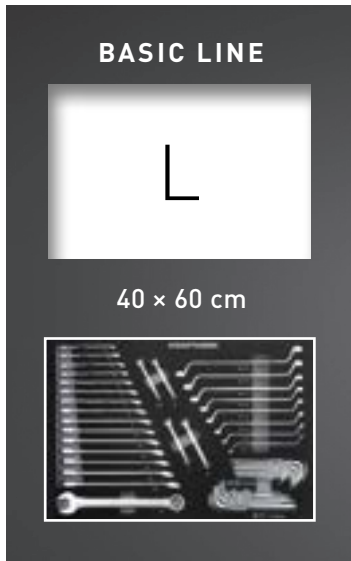
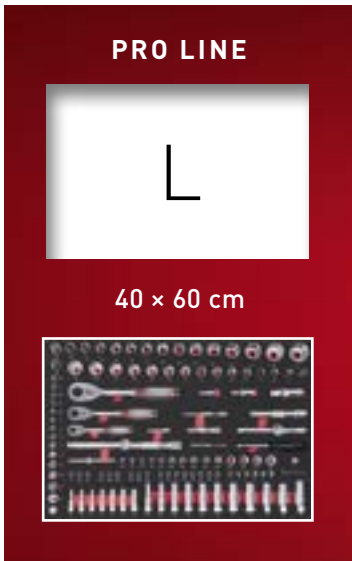


CHOOSE YOUR TOOL CABINET ACCORDING TO YOUR NEEDS



CREATE YOUR OWN TOOL INLAYS:

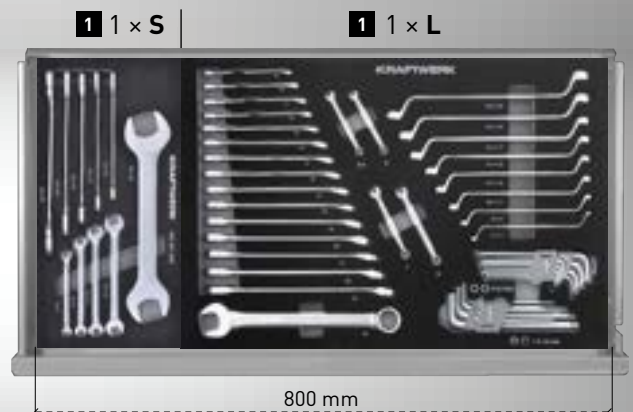
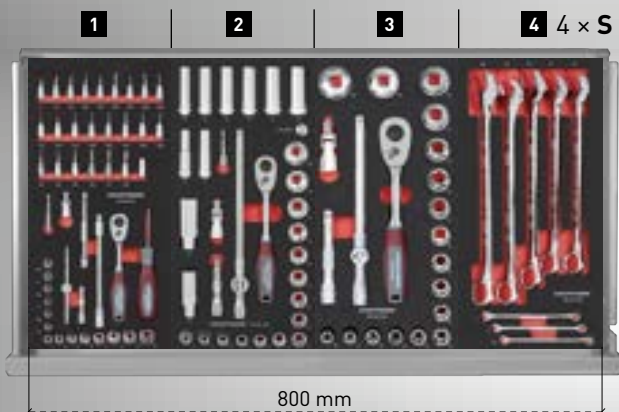




CHOOSE YOUR TOOL CABINET ACCORDING TO YOUR NEEDS



CREATE YOUR OWN TOOL INLAYS:



1.1. TOOL CABINET **PT LINE**



11 - 14

1.2. TOOL CABINET **BT LINE**



15 - 30

1.3. TOOL CABINET **LT LINE**



31 - 36

1.4. MOBILE WORKBENCHES & TRANSPORT TROLLEYS



37 - 43



PT 800

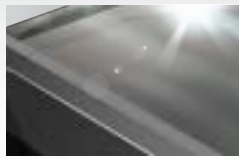
PT 1000



Made in Germany

TOOL CABINET PT LINE

TOOL CABINET PT LINE PT800



Solvent-resistant stainless steel worktop

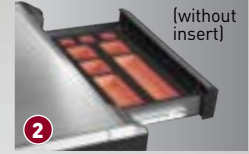
450 kg load capacity (dynamic)

Anti-tilt device (prevents several drawers from opening at the same time)

300 × 300 × 50 mm



300 × 300 × 50 mm



Storage options on the worktop, intelligent use of space with additional small side drawers on both sides for storing personal items



Ergonomic handle with non-slip grip surface, **KRAFTWERK DESIGN**



Plastic bumper-protects against vehicle bodywork damage **ABS and TPR**



Drawers with full extension ball bearing rails and 45 kg load capacity each



Central locking of all drawers by cylinder lock in protected position integrated in handle



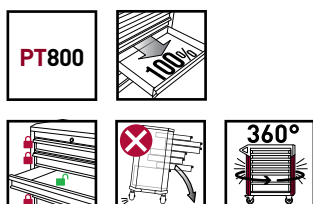
360°- protection even when drawer is opened due to drawer corner protection



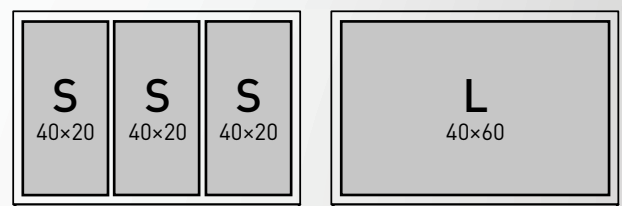
Side panels with perforated wall pattern for optimized compatibility with our hook systems

With two fixed and swivel castors with brakes
Wheel diameter 125 mm

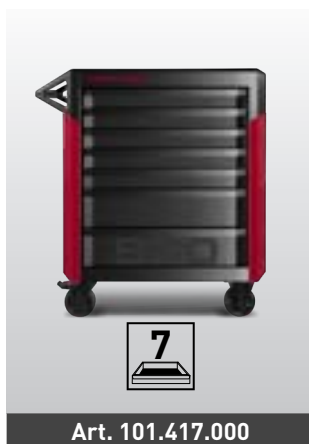
Made in Germany



EVA inlay system



TOOL CABINET PT LINE PT800

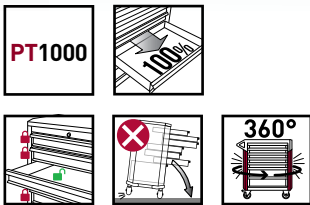


Art.	↑ mm	↔ mm	↔ mm	↘ mm	⚖ kg	▬	▬ ↓ mm ⊕ 400 × 600 mm	⚖ kg	⚖ kg
101.415.000	1000	919	800	479	450	5	1 × 225; 2 × 75; 2 × 160 mm	45	78
101.417.000	1000	919	800	479	450	7	2 × 150; 5 × 75 mm	45	87

TOOL CABINET PT LINE PT1000

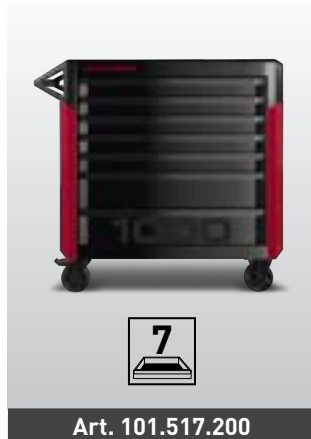
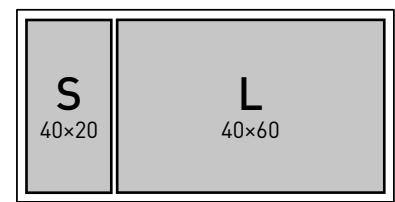
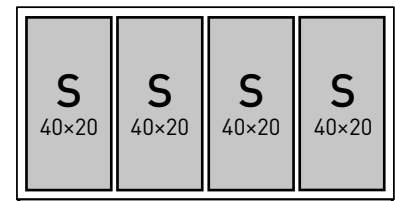


Storage options on the worktop, intelligent use of space with additional small side drawers on both sides for storing personal items



Made in Germany

EVA inlay system



Art.	↓ mm	↔ mm	↖ mm	↗ mm	⚖ kg	📏	📏 📏 600 × 800 mm	⚖ kg	♻️ kg
101.515.000	1000	1119	1000	479	450	5	1 × 225; 2 × 75; 2 × 160 mm	45	89
101.517.000	1000	1119	1000	479	450	7	2 × 150; 5 × 75 mm	45	98

BT700

BT900

BT1100



Made in Germany

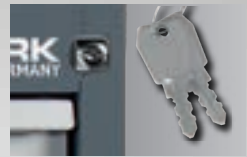
TOOL CABINET BT LINE

TOOL CABINET BT LINE BT700



Storage surface made of PS (polystyrene), solvent-resistant, with integrated storage compartments

450 kg load capacity (dynamic)



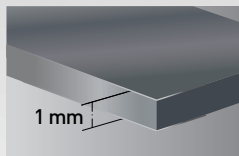
Lateral central locking of all drawers with cylinder lock



Side panels with perforated wall pattern for optimized compatibility with our hook systems



Anti-tilt device (prevents several drawers from opening at the same time)



Very sturdy double-walled sheet steel construction


Individual drawer locking over the entire runner (one-hand operation)



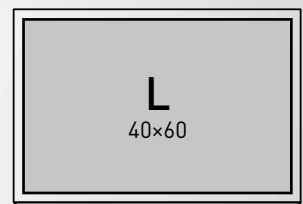
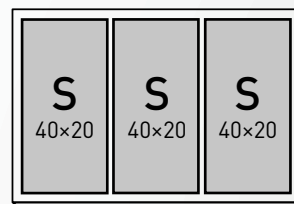
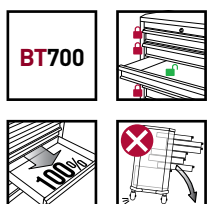
With two fixed and swivel castors with brakes
Wheel diameter 125 mm



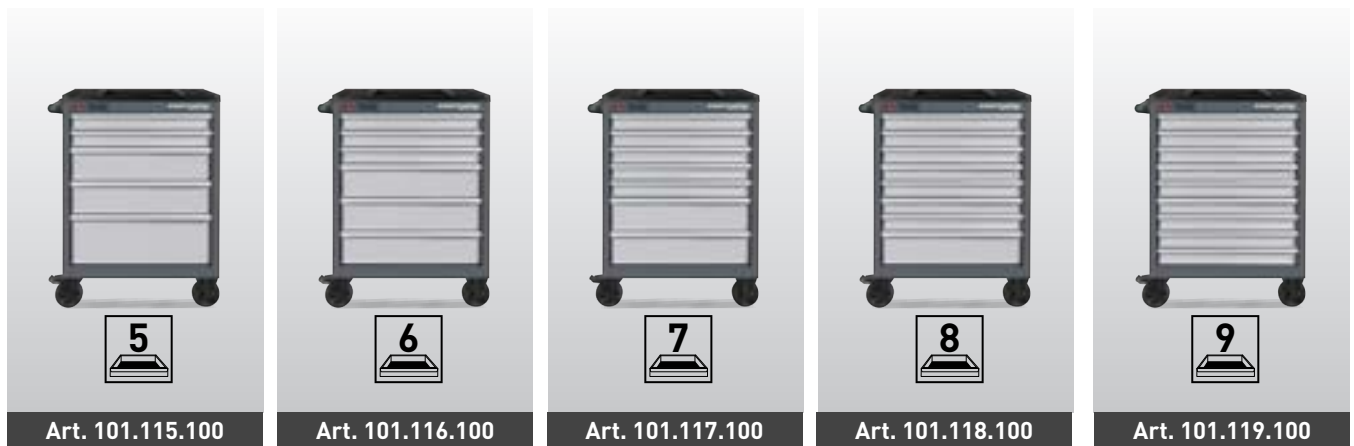
Drawers with full extension ball bearing rails and 45 kg load capacity each

 **Made in Germany**

EVA inlay system



TOOL CABINET BT LINE BT700



Art.	↑ mm	↔ mm	↶ mm	↷ mm	⚖ kg	—	— ↑ mm ⊕ 600 × 400 mm	⚖ kg	⚖ kg
101.115.100	1000	799	719	474	450	5	1 × 225; 2 × 150; 2 × 75 mm	45	65.28
101.116.100	1000	799	719	474	450	6	3 × 150; 3 × 75 mm	45	66.139
101.117.100	1000	799	719	474	450	7	2 × 150; 5 × 75 mm	45	71.71
101.118.100	1000	799	719	474	450	8	1 × 150; 7 × 75 mm	45	73.145
101.119.100	1000	799	719	474	450	9	9 × 75 mm	45	73.145

TOOL CABINET BT LINE BT900



Storage surface made of PS (polystyrene), solvent-resistant, with integrated storage compartments

450 kg load capacity (dynamic)



Lateral central locking of all drawers with cylinder lock



Side panels with perforated wall pattern for optimized compatibility with our hook systems



Anti-tilt device (prevents several drawers from opening at the same time)

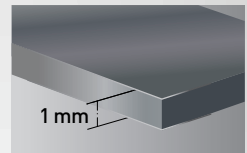
Individual drawer locking over the entire runner (one-hand operation)



Drawers with full extension ball bearing rails and 45 kg load capacity each

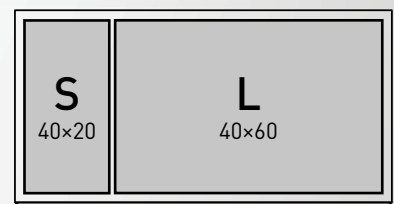
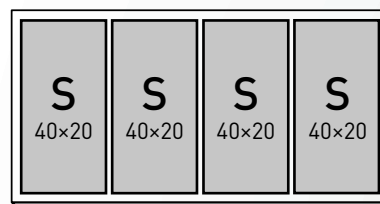
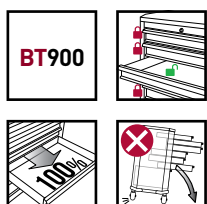
With two fixed and swivel castors with brakes
Wheel diameter 125 mm

Very sturdy double-walled sheet steel construction



Made in Germany

EVA inlay system

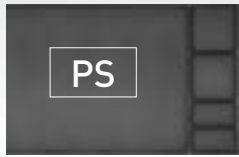


TOOL CABINET BT LINE BT900



Art.	↑ mm	← 1 mm	← 2 mm	↘ mm	kg	mm	mm mm	800 × 400 mm	kg	kg
101.215.100	1000	999	919	474	450	5	1 × 225; 2 × 150; 2 × 75 mm		45	76.61
101.216.100	1000	999	919	474	450	6	3 × 150; 3 × 75 mm		45	77.377
101.217.100	1000	999	919	474	450	7	2 × 150; 5 × 75 mm		45	78.15
101.218.100	1000	999	919	474	450	8	1 × 150; 7 × 75 mm		45	78.932
101.219.100	1000	999	919	474	450	9	9 × 75 mm		45	79.72

TOOL CABINET BT LINE BT1100



Storage surface made of PS (polystyrene), solvent-resistant, with integrated storage compartments

450 kg load capacity (dynamic)



Lateral central locking of all drawers with cylinder lock



Anti-tilt device (prevents several drawers from opening at the same time)

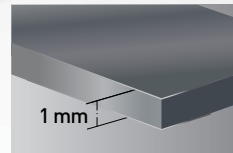
Individual drawer locking over the entire runner (one-hand operation)



Drawers with full extension ball bearing rails and 45 kg load capacity each

With two fixed and swivel castors with brakes
Wheel diameter 125 mm

Very sturdy double-walled sheet steel construction

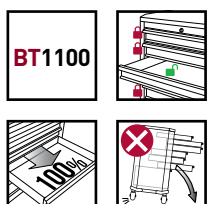


Cabinet with shelf, 25 kg load capacity

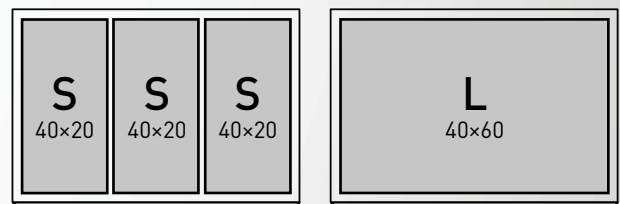


1720 x 365 x 465 mm

Made in Germany



EVA inlay system

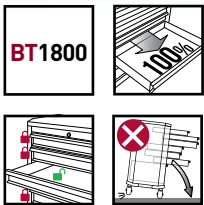
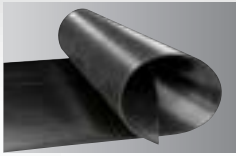


TOOL CABINET BT LINE BT1100



Art.	↑ mm	↔ mm	↔ mm	↗ mm	⚖ kg	▬	▬ ↓ mm ⚡ 600 × 400 mm	⚖ kg	⚖ kg
101.315.100	1000	1199	1119	474	450	5	1 × 225; 2 × 150; 2 × 75 mm	45	79.72
101.316.100	1000	1199	1119	474	450	6	3 × 150; 3 × 75 mm	45	83.718
101.317.100	1000	1199	1119	474	450	7	2 × 150; 5 × 75 mm	45	83.718
101.318.100	1000	1199	1119	474	450	8	1 × 150; 7 × 75 mm	45	85.401
101.319.100	1000	1199	1119	474	450	9	9 × 75 mm	45	86.255

TOOL CABINET BT LINE BT1800



BT LINE MOBILE TOOL TROLLEY BT1800

MADE IN GERMANY

Two separately lockable drawer units

EVA insert compatible

Cabinet with shelf

Anti-tilt function

Standard BT drawer size 400 × 600 mm

Wheel diameter 120 mm

Single drawer opening (prevents simultaneous opening of several drawers)

With perforated side panels

Left drawer unit: 2 × drawers 75 mm; 2 × drawers 150 mm; 1 × drawer 240 mm

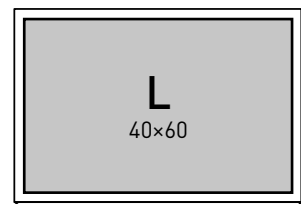
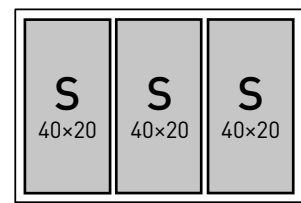
Right drawer unit: 7 × drawer 75 mm; 1x drawer 150 mm

Central cabinet H: 720 **W:** 365mm **D:** 465 mm

Standard with rubber mat, wooden top 191.505.007 available as accessory on customer request

Made in Germany

EVA inlay system



Art.	↑ mm	← mm	↘ mm	↗ mm	Kg		↑ mm 600 × 400 mm	Kg	kg
101.401.000	1000	1885	1805	470	450	13	1 × 225; 3 × 150; 9 × 75 mm	45	175.8

SERVICE TROLLEY BT LINE BT700 | BT900



Art.	↑ mm	← 1 mm	← 2 mm	↘ mm	kg	mm	kg	Δ kg
101.911.000	1000	799	719	474	300	-	100	27.3
101.911.001	1000	999	919	474	225	-	75	35

TOOL CABINET BT LINE BT700



**BT LINE MOBILE TOOL CABINET BT700
YELLOW 60/40 7 DRAWERS**

MADE IN GERMANY

Storage surface made of PS (polystyrene), solvent-resistant, with integrated storage compartments

Very sturdy double-walled sheet steel construction

7 drawers with ball bearings, fully extendable

Individual drawer locking over the whole ledge (one-hand operation)

Anti-tilt device (prevents several drawers from opening at the same time)

Lateral central locking of all drawers by cylinder lock

Load capacity per drawer: 45 kg

Total load capacity 450 kg (dynamic)

Drawers 5 x 75 mm / 2 x 150 mm

2 swivel castors with brake, 2 rigid castors

Wheel diameter 120 mm

With perforated side panels

Made in Germany



Art.	↑ mm	← mm	↘ mm	↗ mm	Kg		↑ mm 600 x 400 mm	Kg	kg
101.117.101	1000	799	719	474	450	7	2 x 150; 5 x 75 mm	45	71.71

BT LINE TOP FOR MOBILE TOOL CABINET BT700 + BT900




Delivery without cover



Made in Germany

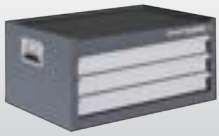
BT700



2

Art. 101.900.002

BT700




3

Art. 101.900.003




BT900



2


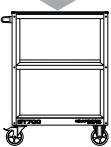
Art. 101.901.002

BT900

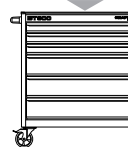
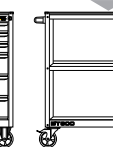


3

Art. 101.901.003

Art. 101.115.100
Art. 101.116.100
Art. 101.117.100
Art. 101.118.100
Art. 101.119.100
Art. 101.911.000

Art. 101.215.100
Art. 101.216.100
Art. 101.217.100
Art. 101.218.100
Art. 101.219.100
Art. 101.911.001

Art.	↓ mm	← mm	↘ mm	⬇️ Kg	▬	▬ ↓ mm	⊕ mm	⬇️ Kg	Δ kg
101.900.002	369	719	474	420	2	1 × 150; 1 × 75	600 × 400	45	27.02
101.900.003	369	719	474	420	3	3 × 75	600 × 400	45	30.06
101.901.002	369	919	474	415	2	1 × 150; 1 × 75	800 × 400	45	32.97
101.901.003	369	919	474	415	3	3 × 75	800 × 400	45	36.73

PERFORATED BACK PANEL FOR MOBILE TOOL CABINET BT LINE



BT700

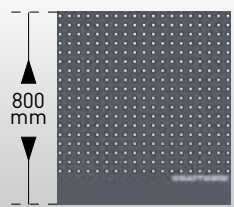
BT900

BT1100

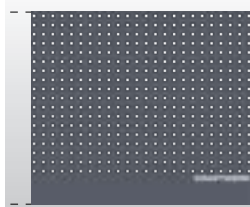
Made in Germany

Perforated back panel for all BT LINE tool cabinets

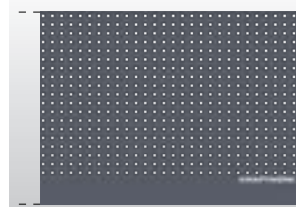
For holding additional tools
Clear tool mounting
Sturdy sheet steel construction
Incl. mounting material



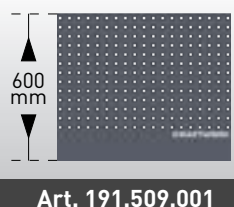
Art. 191.509.002



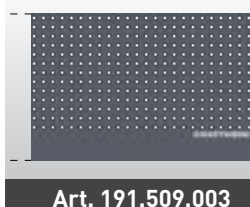
Art. 191.509.004



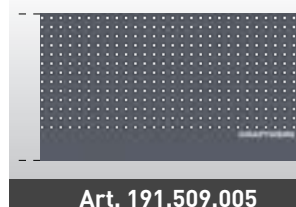
Art. 191.509.006



Art. 191.509.001



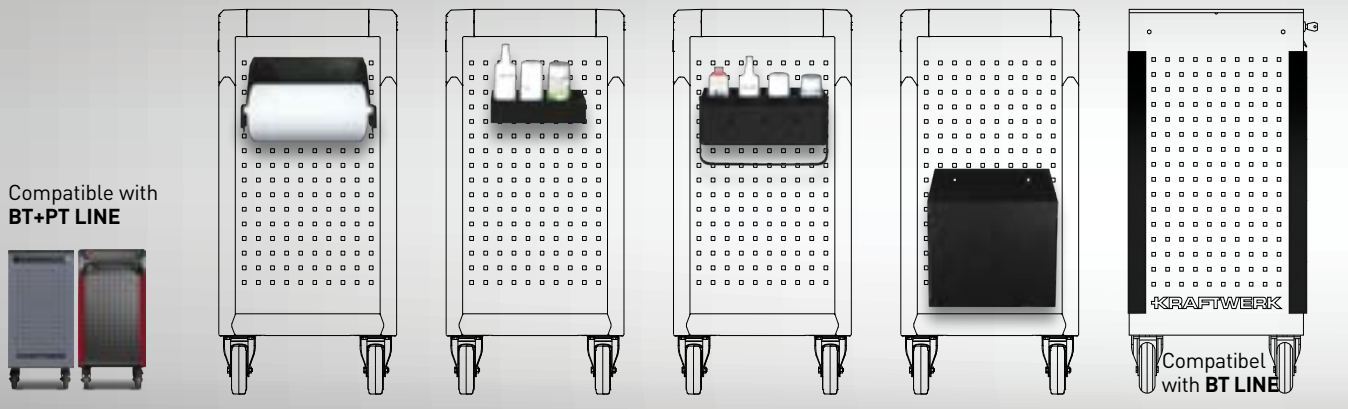
Art. 191.509.003



Art. 191.509.005

Art.	↑ mm	↔ mm	↘ mm		Δ kg
191.509.001	600	719	30	101.115.100 101.116.100 101.117.100 101.118.100 101.119.100 101.911.000	3.5
191.509.002	800	719	30	101.115.100 101.116.100 101.117.100 101.118.100 101.119.100 101.911.000	4.6
191.509.003	600	919	30	101.215.100 101.216.100 101.217.100 101.218.100 101.219.100 101.911.001	4
191.509.004	800	919	30	101.215.100 101.216.100 101.217.100 101.218.100 101.219.100 101.911.001	5.3
191.509.005	600	1119	30	101.315.100 101.316.100 101.317.100 101.318.100 101.319.100	4.3
191.509.006	800	1119	30	101.315.100 101.316.100 101.317.100 101.318.100 101.319.100	5.7

ACCESSORIES FOR MOBILE TOOL CABINET BT + PT LINE



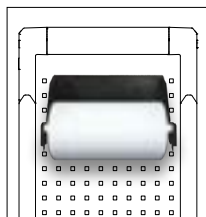
Compatible with
BT+PT LINE



Compatibel
with **BT LINE**



BT+PT LINE



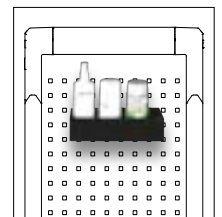
Art. 145.143.010

Paper roll holder

For paper rolls up to Ø 300 mm
Tube diameter = 20 mm
H 300 × W 150 × D 220 mm, Δ 1,6 kg



BT+PT LINE



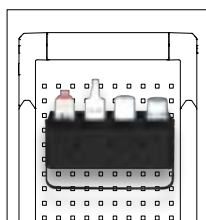
Art. 145.143.011

Storage compartment

For tins and small items
H 60 × W 215 × D 90 mm, Δ 0,5 kg



BT+PT LINE



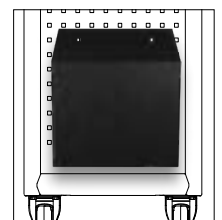
Art. 145.143.012

Storage compartment with handle for 8 cans

Compartment size 75 × 80 mm, large handle, variably divisible (= chemical can holder)
H 300 × W 100 × D 160 mm, Δ 2,5 kg



BT+PT LINE



Art. 145.143.013

Waste basket

H 300 × W 300 × D 160 mm, Δ 3,5 kg

Art. 191.510.004

BT LINE | LT LINE



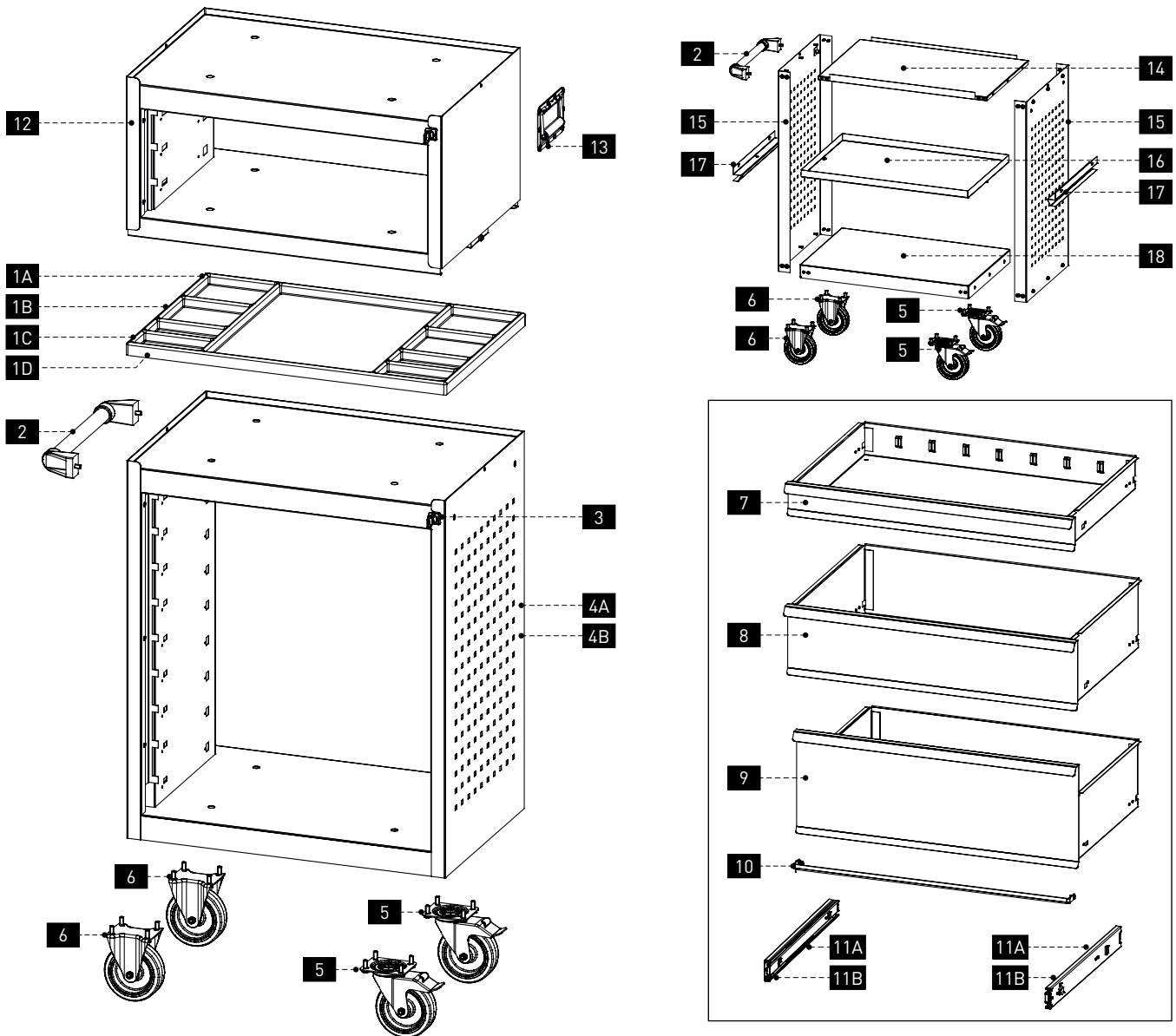
Art. 191.510.001

BT LINE | LT LINE

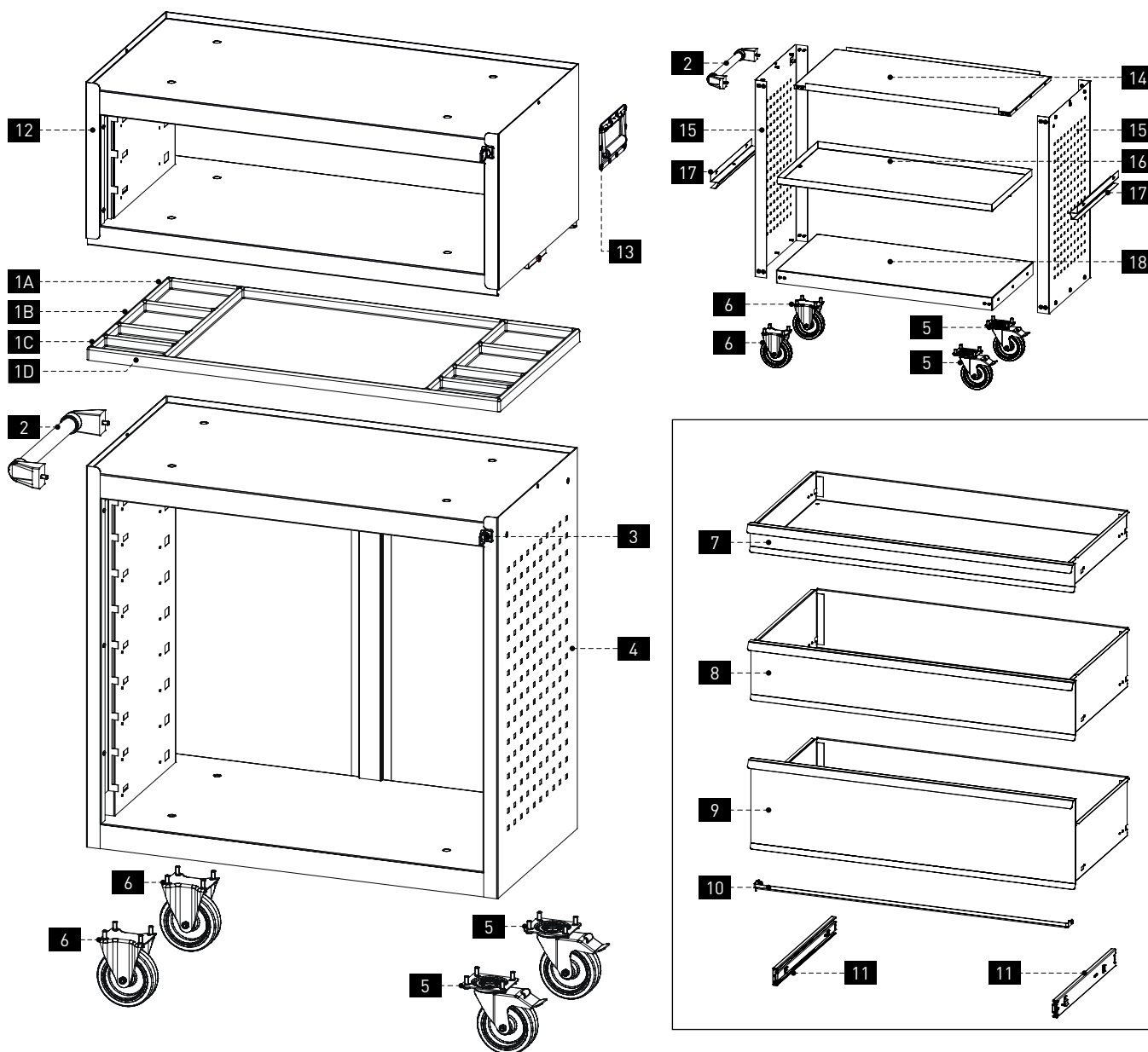


Edge protector

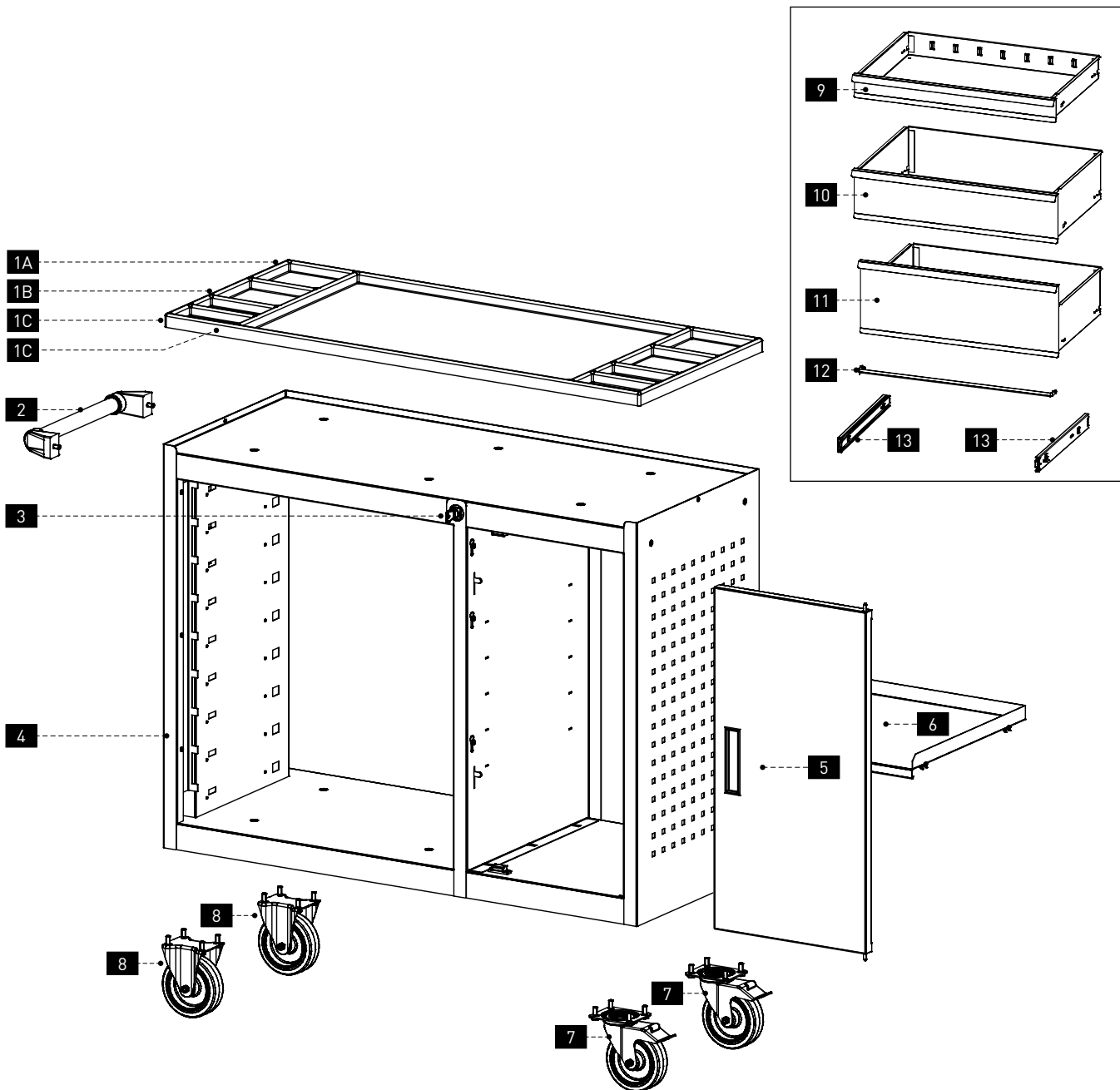
Suitable for all KRAFTWERK Mobile Tool Cabinets of the BT-Series
Prevents damage to paint and bodywork
W 710 × H 35 × D 35 mm



No.	Art.	Description	Quant.
1A	191.501.001	Rubber mat for Mobile Tool Cabinet BT700	1
1B	143.998.201	PS Cover for Mobile Tool Cabinet BT700	1
1C	191.505.001	Wooden top for Mobile Tool Cabinet BT700	1
1D	191.505.004	Stainless steel cover top for BT700	1
2	143.998.101	Cabinet handle for tool trolley BT700/BT900/BT1100	1
3	191.504.001	Lock for Mobile Tool Cabinet BT700/BT900/BT1100	1
4A	191.502.011	Body for Mobile Tool Cabinet BT700s	1
4B	191.502.001	Body for Mobile Tool Cabinet BT700	1
5	143.998.001	Swivel castor with brake for Mobile Tool Cabinet BT	1
6	143.998.002	Rigid castor for Mobile Tool Cabinet BT700/ BT900/ BT1100	1
7	191.503.001	Drawer for Mobile Tool Cabinet BT700/ BT1100 H 75 mm	1
8	191.503.002	Drawer for Mobile Tool Cabinet BT700/ BT1100 150 mm height	1
9	191.503.003	Drawer for Mobile Tool Cabinet BT700/ BT1100 225 mm height	1
10	191.504.002	Unlocking bar for drawer BT700/ BT1100	1
11A	191.117.010	Rail pair for LT700/BT700s without anti-tilt function	2
11B	191.117.011	Rail for BT700/BT900/BT1100 with anti-tilt function	2
12	191.507.001	Carcass to top 40 x 60	1
13	191.508.001	Handle to top BASIC trolley	1
14	191.507.006	Top floor for service trolley BT700	1
15	191.507.003	Side panel for service trolley BT700/ BT900	1
16	191.507.005	Middle floor for service trolley BT700	1
17	191.507.010	List for medium shelf service trolley BT700/ BT900	1
18	191.507.004	Bottom shelf for service trolley BT700	1



No.	Art.	Description	Quant.
1A	191.501.002	Rubber mat for Mobile Tool Cabinet BT900	1
1B	143.998.202	PS Cover for Mobile Tool Cabinet BT900	1
1C	191.505.002	Wooden top for Mobile Tool Cabinet BT900	1
1D	191.505.005	Stainless steel cover top for BT900	1
2	143.998.101	Cabinet handle for tool trolley BT700/BT900/BT1100	1
3	191.504.001	Lock for Mobile Tool Cabinet BT700/BT900/BT1100	1
4	191.502.002	Body for Mobile Tool Cabinet BT900	1
5	143.998.001	Swivel castor with brake for Mobile Tool Cabinet BT	1
6	143.998.002	Rigid castor for Mobile Tool Cabinet BT700/ BT900/ BT1100	1
7	191.503.011	Drawer for Mobile Tool Cabinet BT900 75 mm height	1
8	191.503.012	Drawer for Mobile Tool Cabinet BT900 150 mm height	1
9	191.503.013	Drawer for Mobile Tool Cabinet BT900 225 mm height	1
10	191.504.003	Unlocking bar for drawer BT900	1
11	191.117.011	Rail for BT700/BT900/BT1100 with anti-tilt function	2
12	191.507.002	Carcase to Top 40 x 80 cm	1
13	191.508.001	Handle to top BASIC trolley	1
14	191.507.009	Top floor for service trolley BT900	1
15	191.507.003	Side panel for service trolley BT700/ BT900	1
16	191.507.008	Middle floor for service trolley BT900	1
17	191.507.010	List for medium shelf service trolley BT700/ BT900	1
18	191.507.007	Bottom shelf for service trolley BT900	1



No.	Art.	Description	Quant.
1A	191.501.003	Rubber mat for Mobile Tool Cabinet BT1100	1
1B	143.998.203	PS Cover for Mobile Tool Cabinet BT1100	1
1C	191.505.003	Wooden top for Mobile Tool Cabinet BT1100	1
1D	191.505.006	Stainless steel cover top for BT1100	1
2	143.998.101	Cabinet handle for tool trolley BT700/BT900/BT1100	1
3	191.504.001	Lock for Mobile Tool Cabinet BT700/BT900/BT1100	1
4	191.502.003	Body for Mobile Tool Cabinet BT1100	1
5	191.506.001	Door for Mobile Tool Cabinet BT1100	1
6	191.506.011	Storage compartment for Mobile Tool Cabinet BT1100	1
7	143.998.001	Swivel castor with brake for Mobile Tool Cabinet BT	1
8	143.998.002	Rigid castor for Mobile Tool Cabinet BT700/ BT900/ BT1100	1
9	191.503.001	Drawer for Mobile Tool Cabinet BT700/ BT1100 H 75 mm	1
10	191.503.002	Drawer for Mobile Tool Cabinet BT700/ BT1100 150 mm height	1
11	191.503.003	Drawer for Mobile Tool Cabinet BT700/ BT1100 225 mm height	1
12	191.504.002	Unlocking bar for drawer BT700/ BT1100	1
13	191.117.011	Rail for BT700/BT900/BT1100 with anti-tilt function	2

LT700



Made in Germany

TOOL CABINET LT LINE

TOOL CABINET LT LINE LT700



Storage surface made of PS (polystyrene), solvent-resistant

450 kg load capacity (dynamic)



Lateral central locking of all drawers with cylinder lock



Single drawer locking



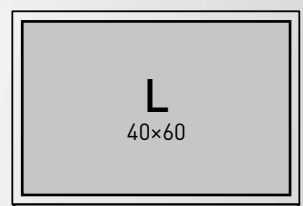
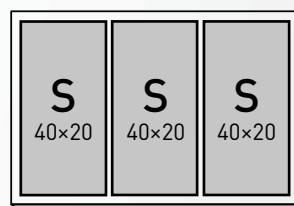
Drawers with full extension ball bearing rails and 45 kg load capacity each



With two fixed and swivel castors with brakes
Wheel diameter 125 mm

Made in Germany

EVA insert system

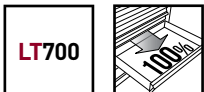


TOOL CABINET LT LINE LT700



Art.	↑ mm	↔ mm	↔ mm	↘ mm	⚖ kg	▬	▬ ↓ mm ⊕ 600 × 400 mm	⚖ kg	⚖ kg
101.105.200	1000	799	719	474	450	5	1 × 225; 2 × 150; 2 × 75 mm	45	57
101.107.200	1000	799	719	474	450	7	2 × 150; 5 × 75 mm	45	59

TOOL CABINET LT LINE LT700



 **Made in Germany**

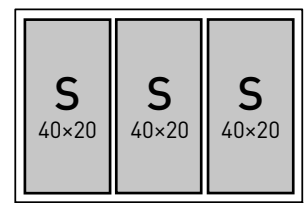








LT LINE SERVICE TOOL CABINET LT700, 3 DRAWERS, EMPTY

MADE IN GERMANY

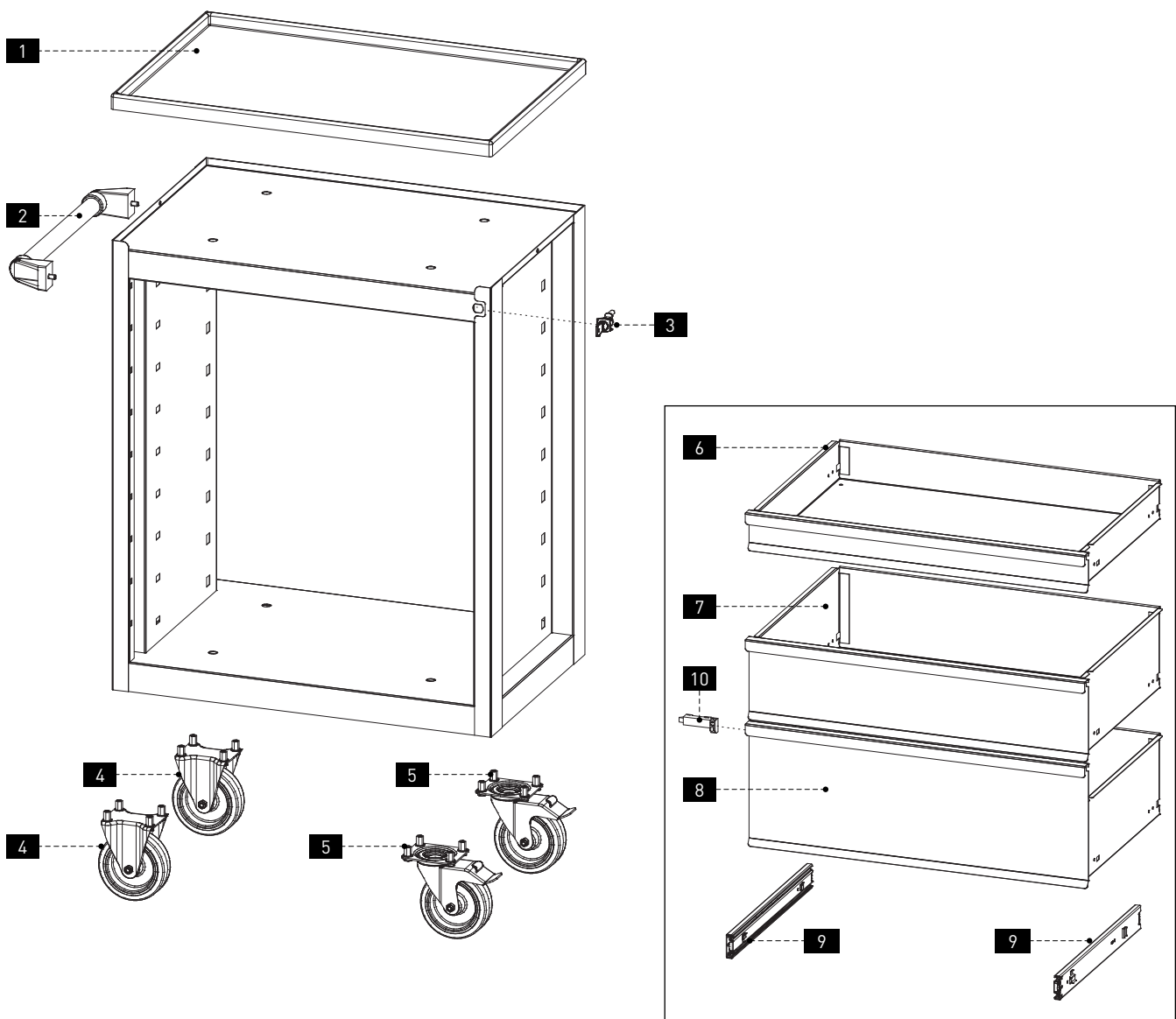
- PS working surface resistant against chemicals
- 3 drawers with professional ball-bearing guide rails, full extension
- Central lock of all drawers at the side with a cylinder lock
- 2 swivel castors, with brakes, 2 fix
- Load capacity per drawer 45 kg
- Total load capacity 450 kg
- Can be equipped with several Kraftwerk inserts
- Drawer inside dimension 400 × 600 mm
- Shipment without tools and accessories
- Drawers 2 × 75 mm / 2 × 150 mm

EVA insert system



Art.	↑ mm	← mm	↖ mm	↗ mm	 kg		 mm  600 × 400 mm	 kg	 kg
101.103.200	1000	780	700	400	450	3	1 × 225; 2 × 75 mm	45	55

1.3. ACCESSORIES & SPARE PARTS LT LINE



No.	Art.	Description	Quant.
1	143.998.204	PS Cover for workshop trolley LT700	1
2	143.998.103	Handle for tool trolley LT700	1
3	191.504.001	Lock for Mobile Tool Cabinet BT700/BT900/BT1100	1
4	143.998.002	Rigid castor for Mobile Tool Cabinet BT700/ BT900/ BT1100	1
5	143.998.001	Swivel castor with brake for Mobile Tool Cabinet BT	1
6	191.503.004	Drawer workshop trolley LT700 H 75 mm without rail	1
7	191.503.005	Drawer workshop trolley LT700 150 mm without rail	1
8	191.503.006	Drawer for workshop trolley LT700 225 mm height	1
9	191.117.010	Rail pair for LT700/BT700s without anti-tilt function	2
10	3908-016	Plastic drawer lock	1

PS (polystyrene) cover

Easy to maintain
Made of PS (polystyrene)
Very high impact resistance, solvent-resistant



Art.	↓ mm	↔ mm	↗ mm			Δ kg
143.998.204	30	720	475	LT700		1.14

Rubber mat

Easy to maintain and removable
Very durable rubber work surface
Anti-slip property



Art.	↓ mm	↔ mm	↗ mm			Δ kg
191.501.001	3	710	465	BT700, LT700		0.18
191.501.002	3	910	465	BT900		0.24
191.501.003	3	1110	465	BT1100		0.29

PS (Polystyrene) cover

Easy to maintain
Made of PS (polystyrene)
Very high impact resistance, solvent-resistant
With integrated storage compartments



Art.	↓ mm	↔ mm	↗ mm			Δ kg
143.998.201	28	720	475	BT700, LT700		1.07
143.998.202	26	920	475	BT900		1.3
143.998.203	26	1120	475	BT1100		1.5

Wooden panel

Easy to maintain
Multiplex beech wood worktop
Ideal worktop



Art.	↓ mm	↔ mm	↗ mm			Δ kg
191.505.001	25	702	455	BT700, LT700		7
191.505.002	25	902	455	BT900		8
191.505.003	25	1102	455	BT1100		9

Wooden panel

Easy to maintain
Multiplex beech wood worktop
Ideal worktop



Art.	↓ mm	↔ mm	↗ mm			Δ kg
191.505.004	30	720	470	BT700		3.22
191.505.005	30	920	470	BT900		4.064
191.505.006	30	1120	470	BT1100		4.66

Stainless steel cover SET

Easy to maintainable and cleanable surface
Stainless Inox steel



Art.	↓ mm	↔ mm	↗ mm			Δ kg
191.505.011	30	720	470	BT700		10.23
191.505.012	30	920	470	BT900		12.06
191.505.013	30	1120	470	BT1100		13.66



Made in Germany

MOBILE WORKBENCHES & TRANSPORT TROLLEYS

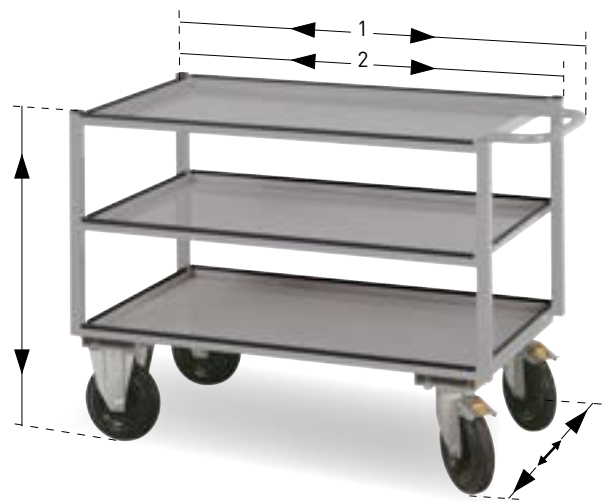


Table trolley with 2 trays

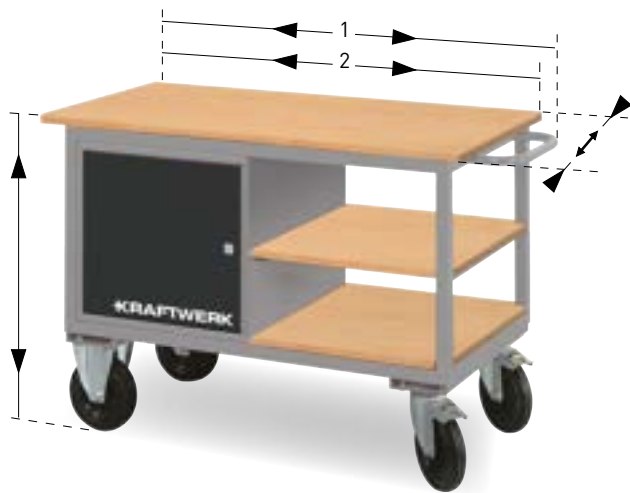
Welded tubular steel construction 30 × 30 × 2 mm
Wheel set with 2 swivel castors with wheel locks, 2 fixed castors, solid rubber tyres 200 × 50 mm
Load capacity 70 kg per tray, evenly distributed
Tray dimensions: outside 1200 × 600 mm, inside 1021 × 596 mm
Loading surfaces made of sheet steel, edge 35 mm, welded
Edges with edge protection profile

Table trolley with 3 trays

Welded tubular steel construction 30 × 30 × 2 mm
Wheel set with 2 swivel castors with wheel locks, 2 fixed castors, solid rubber tyres 200 × 50 mm
Load capacity 70 kg per tray, evenly distributed
Tray dimensions: outside 1200 × 600 mm, inside 1021 × 596 mm
Loading surfaces made of sheet steel, edge 35 mm, welded,
Edges with edge protection profile

Art.	↓ mm	↔ mm	↔ mm	↗ mm	Δ kg
143.810.001	810	1240	1200	600	45

Art.	↓ mm	↔ mm	↔ mm	↗ mm	Δ kg
143.810.002	810	1240	1200	600	51



Rolling workbench

1 cupboard element and 2 shelves
Welded tubular steel construction 30 × 30 × 2 mm, load capacity 500 kg
Wheel set with 2 swivel castors with wheel brakes, 2 fixed castors, load capacity per wheel set 500 kg, wheel diameter 200 mm
Worktop made of multiplex beech plywood (1200 × 605 × 25 mm)
Shelves Multiplex beech plywood 510 × 610 mm
Centrally lockable cupboard element (H 470 × W 511 × D 600 mm)

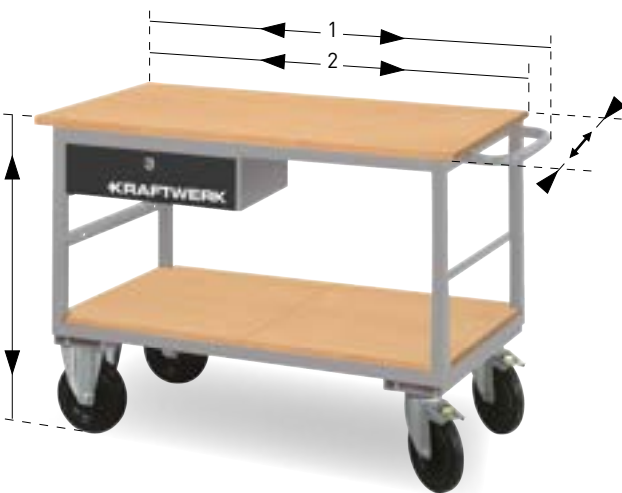
Rolling workbench

3 drawers and 2 shelves
Welded tubular steel construction 30 × 30 × 2 mm, load capacity 500 kg
Wheel set with 2 swivel castors with wheel brakes, 2 fixed castors, load capacity per wheel set 500 kg, wheel diameter 200 mm
Worktop made of multiplex beech plywood (1200 × 605 × 25 mm)
Shelves Multiplex laminated beech wood 510 × 610 mm
Centrally lockable drawer box (H 470 × W 511 × D 600 mm)
Drawers on roller bearings, load capacity 30 kg, individual locking
Internal drawer dimensions 435 × 539 mm
2 × 90 mm high drawer, 1 × 180 mm drawer height

Art.	↓ mm	↔ mm	↔ mm	↗ mm	Δ kg
143.835.001	835	1300	1200	605	75

Art.	↓ mm	↔ mm	↔ mm	↗ mm	Δ kg
143.835.002	835	1300	1200	605	85

1.4. MOBILE WORKBENCHES & TRANSPORT TROLLEYS



Rolling workbench

1 drawer and 1 shelf
 Welded tubular steel construction 30 × 30 × 2 mm, load capacity 500 kg
 Wheel set with 2 swivel castors with wheel brakes, 2 fixed castors, load capacity per wheel set 500 kg, wheel diameter 200 mm
 Worktop made of multiplex beech plywood (1200 × 605 × 25 mm)
 Shelves Multiplex beech plywood 1100 × 600 mm
 Drawer on roller bearings, load capacity 30 kg, individual locking system
 Internal drawer dimensions 435 × 539 mm
 1 × 140 mm drawer height

Art.	↑ mm	← mm	→ mm	↘ mm	Δ kg
143.835.003	835	1300	1200	605	65



Rolling workbench

2 drawers and 1 shelf
 Welded tubular steel construction 30 × 30 × 2 mm, load capacity 500 kg
 Wheel set with 2 swivel castors with wheel brakes, 2 fixed castors, load capacity per wheel set 500 kg, wheel diameter 200 mm
 Worktop made of multiplex beech plywood (1200 × 605 × 25 mm)
 Shelves Multiplex beech plywood 1100 × 600 mm
 Drawers on roller bearings, load capacity 30 kg, individual locking system
 Internal drawer dimensions 435 × 539 mm
 2 × 140 mm drawer height

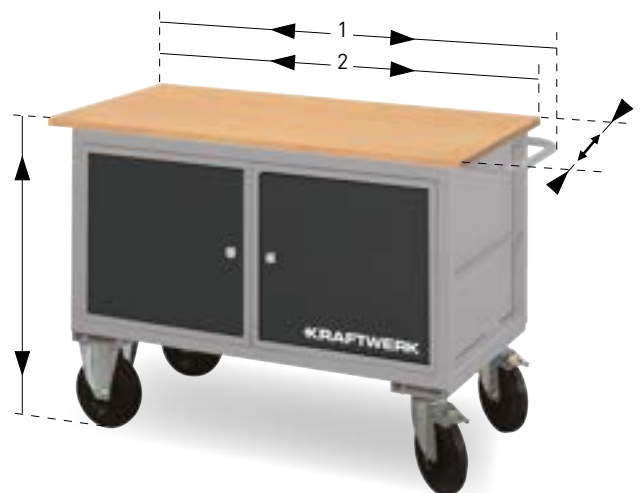
Art.	↑ mm	← mm	→ mm	↘ mm	Δ kg
143.835.004	835	1300	1200	605	75



Rolling workbench

1 cupboard element, 1 drawer and 1 shelf
 Welded tubular steel construction 30 × 30 × 2 mm, load capacity 500 kg
 Wheel set with 2 swivel castors with wheel brakes, 2 fixed castors, load capacity per wheel set 500 kg, wheel diameter 200 mm
 Worktop made of multiplex beech plywood (1200 × 605 × 25 mm)
 Shelves Multiplex laminated beech wood 510 × 600 mm
 Centrally lockable cupboard element (H 470 × W 511 × D 600 mm)
 Drawers on roller bearings, load capacity 30 kg, individual locking system
 Internal drawer dimensions 435 × 539 mm
 1 × 140 mm drawer height

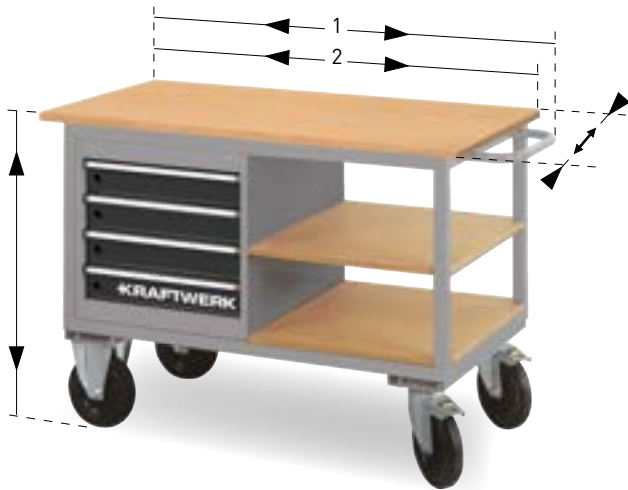
Art.	↑ mm	← mm	→ mm	↘ mm	Δ kg
143.835.005	835	1300	1200	605	83



Rolling workbench

2 cabinet elements
 Welded tubular steel construction 30 × 30 × 2 mm, load capacity 500 kg
 Wheel set with 2 swivel castors with wheel brakes, 2 fixed castors, load capacity per wheel set 500 kg, wheel diameter 200 mm
 Worktop made from multiplex beech plywood (1200 × 605 × 25 mm)
 Centrally lockable cupboard elements (H 470 × W 511 × D 600 mm)

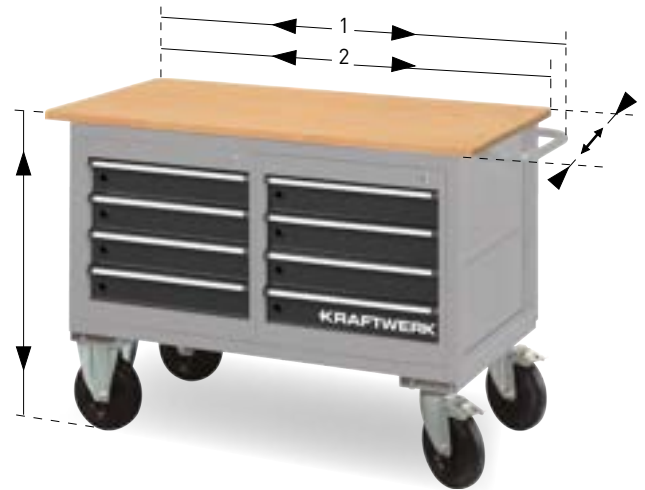
Art.	↑ mm	← mm	→ mm	↘ mm	Δ kg
143.835.006	835	1300	1200	605	83



Rolling workbench

4 drawers and 2 shelves
Welded tubular steel construction 30 × 30 × 2 mm, load capacity 500 kg
Wheel set with 2 swivel castors with wheel brakes, 2 fixed castors, load capacity per wheel set 500 kg, wheel diameter 200 mm
Worktop made of multiplex beech plywood (1200 × 605 × 25 mm)
Shelves multiplex laminated beech wood 510 × 600 mm
Centrally lockable drawer box (H 470 × W 511 × D 600 mm)
Drawers on roller bearings, load capacity 30 kg, individually locked
Internal drawer dimensions 435 × 539 mm
4 × 90 mm drawer height

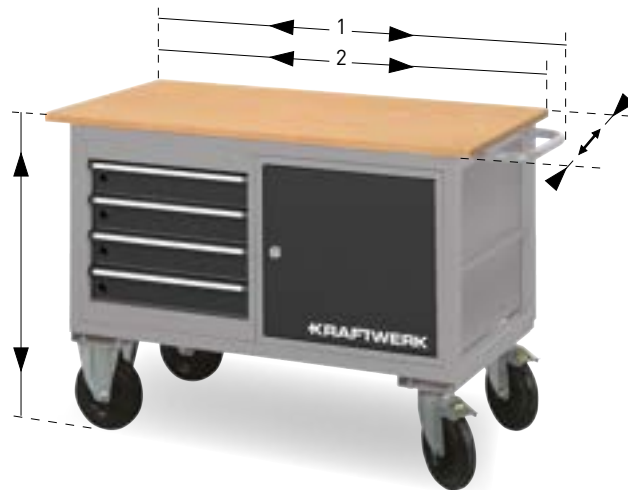
Art.	↓ mm	↔ mm	↔ mm	↗ mm	Δ kg
143.835.007	835	1300	1200	605	89



Rolling workbench

8 drawers
Welded tubular steel construction 30 × 30 × 2 mm, load capacity 500 kg
Wheel set with 2 swivel castors with wheel brakes, 2 fixed castors, load capacity per wheel set 500 kg, wheel diameter 200 mm
Worktop made of multiplex beech plywood (1200 × 605 × 25 mm)
Centrally lockable drawer boxes (H 470 × W 511 × D 600 mm)
Drawers on roller bearings, load capacity 30 kg, individually locked
Internal drawer dimensions 435 × 539 mm
8 × 90 mm drawer height

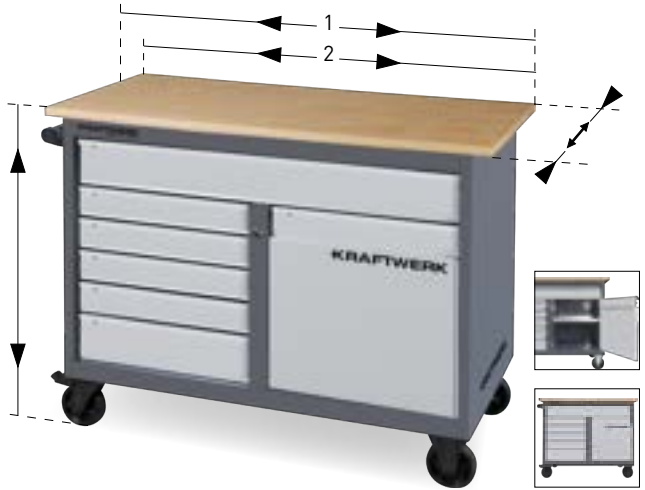
Art.	↓ mm	↔ mm	↔ mm	↗ mm	Δ kg
143.835.009	835	1300	1200	605	121



Rolling workbench

4 drawers and 1 cupboard element
Welded tubular steel construction 30 × 30 × 2 mm, load capacity 500 kg
Wheel set with 2 swivel castors with wheel brakes, 2 fixed castors, load capacity per wheel set 500 kg, wheel diameter 200 mm
Worktop made of multiplex beech plywood (1200 × 605 × 25 mm)
Shelves multiplex laminated beech wood 510 × 600 mm
Centrally lockable drawer box and cupboard element (H 470 × W 511 × D 600 mm)
Drawers on roller bearings, load capacity 30 kg, individually locked
Internal drawer dimensions 435 × 539 mm
4 × 90 mm drawer height

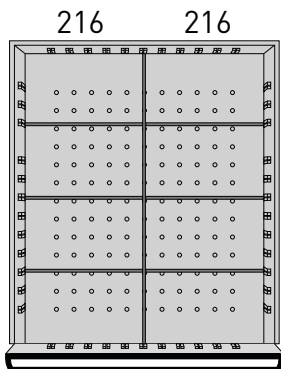
Art.	↓ mm	↔ mm	↔ mm	↗ mm	Δ kg
143.835.010	835	1300	1200	605	107



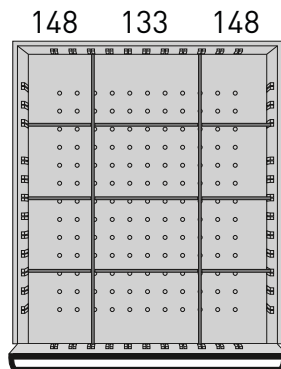
Rolling workbench

5 drawers, door on the right and 1 large drawer
Total load capacity 450 kg
Central locking with cylinder lock
Drawers on roller bearings, individual locking
4 drawers 90 mm height, internal dim. H 70 × W 460 × D 535 mm
1 drawer 135 mm height internal dim. H 115 × W 460 × D 535 mm
Load capacity 30 kg per drawer
1 large drawer 70 mm height, internal dim. H 70 × W 995 × D 535 mm
Load capacity 60 kg
Cupboard with shelf H 505 × W 490 × D 570 mm
Worktop made of beech plywood multiplex (1200 × 605 × 25 mm)
With two fixed and two swivel castors, wheel diameter 125 mm

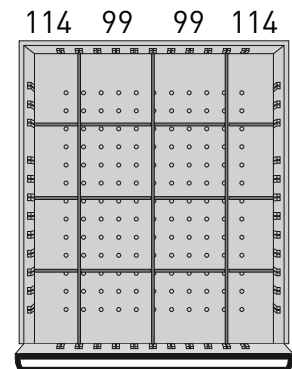
Art.	↓ mm	↔ mm	↔ mm	↗ mm	Δ kg
143.835.011	925	1300	1200	605	106.7



4x2



4x3






4x4

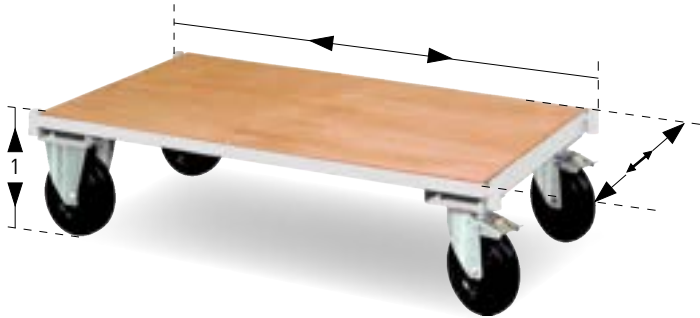
Divider assortment height 50 mm

For drawers with front panel height 90 mm
 Only for drawer inside dimensions W 435 x D 535 mm
 Slotted partitions of sheet steel, powder-coated
 Dividers of galvanised sheet steel, rounded edges



Art.				Δ kg
130.009.008	8	1	6	0.95
130.009.012	12	2	9	1.4
130.009.016	16	3	12	1.85





Platform trolley

Platform made of angle steel with waterproof plywood panels, sturdily welded, powder coated
 Wheel set with 2 swivel and 2 fixed castors, solid rubber tyres 200 x 50 mm
 Load capacity per wheel set 500 kg
 Wheel diameter 200 mm
 Easy to assemble
 Dimensions: H 270 x W 1200 x D 600 mm | 40 kg

Art.	↑ mm	↔ mm	↗ mm	⚖ kg
143.270.001	300	1200	600	40



Push-handle trolley

Handle height: 950 mm
 Loading platform made of angle steel with waterproof plywood panels, sturdily welded, powder-coated
 Wheel set with 2 swivel and 2 fixed castors
 Load capacity per wheel set 500 kg
 Wheel diameter 200 mm
 Easy to assemble
 H 270 x W 1200 x D 600 mm | 45 kg

Art.	↑ mm	2↑ mm	↔ mm	↗ mm	⚖ kg
143.270.002	300	1250	1200	600	45



Push-handle trolley

Handle height: 950 mm
 With removable stanchions
 Stake height: 800 mm
 Loading platform made of angle steel with waterproof plywood panels, sturdily welded, powder-coated
 Wheel set with 2 swivel and 2 fixed castors
 Load capacity per wheel set 500 kg
 Wheel diameter 200 mm
 Easy to assemble
 H 270 x W 1200 x D 600 mm | 50 kg

Art.	↑ mm	2↑ mm	↔ mm	↗ mm	⚖ kg
143.270.003	300	1250	1200	600	50

1.4. MOBILE WORKBENCHES & TRANSPORT TROLLEYS



Multi-purpose shelf transport trolley

Solid construction for universal use and with 3 big shelves
 External dimensions 140 × 910 × 40 mm
 Shelf width/depth 660 × 390 mm
 Shelf load capacity max. 8 kg
 Load capacity max. 24 kg
 4 Caster wheels, Ø 100 mm, 2 with brakes

Art.	↑ mm	← mm	↘ mm	⚖ kg
3912	1350	755	485	11.73

Multi-purpose shelf transport trolley

With accessory kit for transporting windows and windshields
 Solid construction for universal use and with 3 big shelves
 External dimensions 14 × 91 × 14 mm
 Shelf width/depth 66 × 39 mm
 Shelf load capacity max. 8 kg
 Load capacity max. 24 kg
 4 Caster wheels, Ø 1 mm, 2 with brakes

Art.	↑ mm	← mm	↘ mm	⚖ kg
3912A	1350	755	485	13.58



Waste Bin, 19 l

For multi-purpose trolley 3912, made of oil and acid-resistant polypropylene

Art.	↑ mm	← mm	↘ mm	⚖ kg
3912-99	430	250	360	1.5

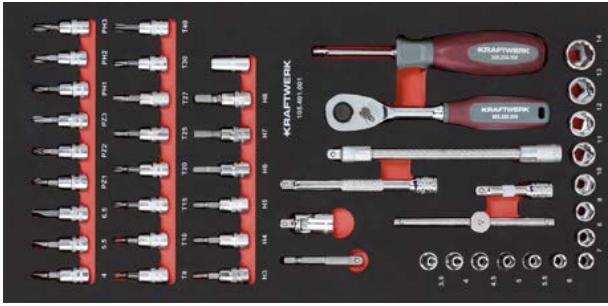


NOTES

A large grid of graph paper for taking notes, consisting of 20 columns and 40 rows of small squares.



EVA TOOL INLAYS / EQUIPPED & EMPTY



200 × 400 × 40 mm | Δ 1.19 kg



Art. 105.401.001

PRO LINE EVA 1/4" socket inlay 20 × 40 cm 46 pcs.

- 1/4" ratchet
- 1/4" extensions: 50, 100 + 150 mm
- 1/4" sockets: 3.5 - 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
- 1/4" slotted screwdriver bit sockets: 4 - 5.5 - 6.5 mm
- 1/4" PH screwdriver bit sockets: PH1 - PH2 - PH3
- 1/4" PZ screwdriver bit sockets: PZ1 - PZ2 - PZ3
- 1/4" TX screwdriver bit sockets: T8 - T10 - T15 - T20 - T25 - T27 - T30 - T40
- 1/4" Hexagon screwdriver bit sockets: 3 - 4 - 5 - 6 - 7 - 8 mm
- 1/4" bit adapter
- 1/4" universal joint
- 1/4" sliding handle adapter
- 1/4" drive Handle
- 1/4" bit Holder
- For manual operation
- Chrome vanadium

Art.		Δ kg
105.998.001	Empty PRO LINE EVA inlay for item 105.401.001, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 2.45 kg



Art. 105.401.002

PRO LINE EVA 3/8" socket inlay 20 × 40 cm 32 pcs.

- 3/8" ratchet
- 3/8" extensions: 75 + 250 mm
- 3/8" sockets: 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 mm
- 3/8" deep sockets: 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 mm
- 3/8" spark plug sockets: 16 + 21 mm
- 3/8" universal joint
- 1/2" to 3/8" sliding handle adapter
- 3/8" to 1/4" adapter
- 1/4" to 3/8" bit holder
- For manual operation
- Chrome vanadium

Art.		Δ kg
105.998.002	Empty PRO LINE EVA inlay for item 105.401.002, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 3.15 kg

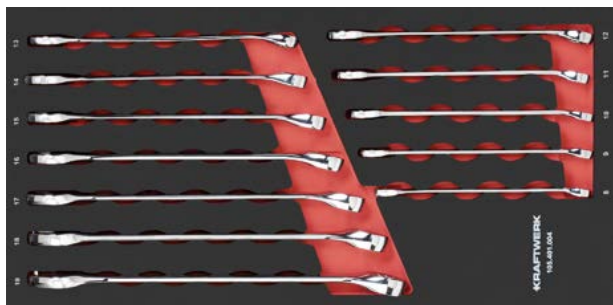


Art. 105.401.003

PRO LINE EVA 1/2" socket inlay 20 × 40 cm, 22 pcs.

- 1/2" ratchet
- 1/2" extensions: 125 + 250 mm
- 1/2" sockets: 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 - 32 - 34 mm
- 1/2" universal joint
- 3/8" to 1/2" sliding handle adapter
- For manual operation
- Chrome vanadium

Art.		Δ kg
105.998.003	Empty PRO LINE EVA inlay for item 105.401.003, 20 × 40 cm	0.18

**Art. 105.401.004****PRO LINE EVA combination spanner inlay 20 × 40 cm, 12 pcs.**

Size: 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm

Jaw 15° offset

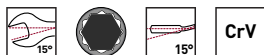
15° angled ring side

DIN 3113 Form A, ISO 3318, ISO 7738

Fully polished mirror finish

Chrome alloy steel

200 × 400 × 40 mm | ΔΔ 1.2 kg



Art.		ΔΔ kg
105.998.004	Empty PRO LINE EVA inlay for item 105.401.004, 20 × 40 cm	0.18

**Art. 105.401.005****PRO LINE EVA combination spanner inlay 20 × 40 cm, 8 pcs.**

Size: 5.5 - 6 - 7 - 20 - 21 - 22 - 23 - 24 mm

Jaw 15° offset

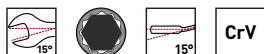
15° angled ring side

DIN 3113 form A, ISO 3318, ISO 7738

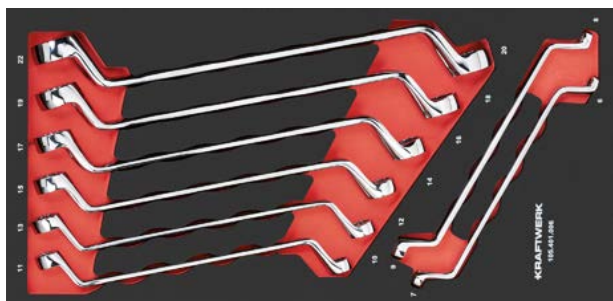
Fully polished mirror finish

Chrome alloy steel

200 × 400 × 40 mm | ΔΔ 1.6 kg



Art.		ΔΔ kg
105.998.005	Empty PRO LINE EVA inlay for item 105.401.005, 20 × 40 cm	0.18

**Art. 105.401.006****PRO LINE EVA double ended ring spanner inlay 20 × 40 cm, 8 pcs.**

Size: 6 × 7 - 8 × 9 - 10 × 11 - 12 × 13 - 14 × 15 - 16 × 17 - 18 × 19 - 20 × 22 mm

DIN 838, ISO 3318, ISO 1085, ISO 10104

Offset 70° on both sides

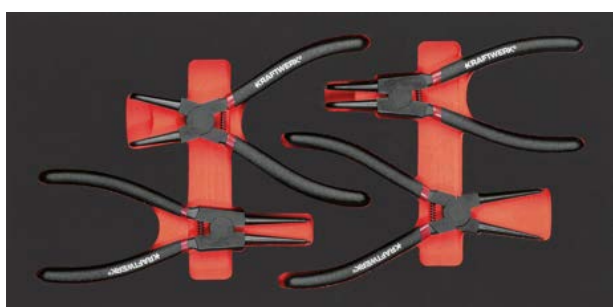
Fully polished mirror finish

Chrome vanadium

200 × 400 × 40 mm | ΔΔ 1.5 kg



Art.		ΔΔ kg
105.998.006	Empty PRO LINE EVA inlay for item 105.401.006, 20 × 40 cm	0.18

**Art. 105.401.007****PRO LINE EVA circlip pliers inlay 20 × 40 cm, 4 pcs.**

Circlip pliers, straight, closing, for inner rings

Circlip pliers, straight, opening, for inner rings

Circlip pliers, angled 90°, closing, for outer rings

Circlip pliers, angled 90°, opening, for outer rings

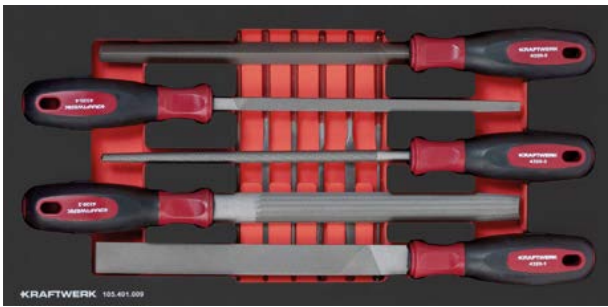
For circlips from Ø 19 - 60 mm

Hardened tips

200 × 400 × 40 mm | ΔΔ 0.62 kg



Art.		ΔΔ kg
105.998.007	Empty PRO LINE EVA inlay for item 105.401.007, 20 × 40 cm	0.18



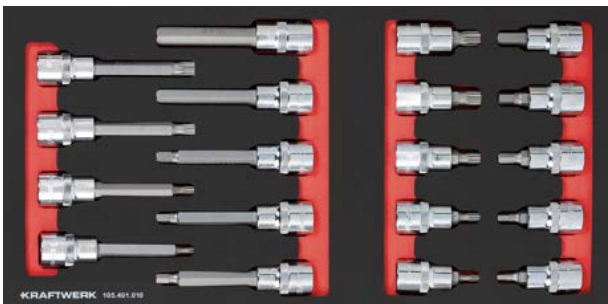
Art. 105.401.009

PRO LINE EVA Files inlay 20 × 40 cm, 11 pcs.

Flat file, 320 mm
Half round file, 320 mm
Round file, 320 mm
Square file, 320 mm
Triangular file, 320 mm
With ergonomic 2-component handle
Needle file, flat - half round - round - square - triangular - knife
With a dipped handle

200 × 400 × 40 mm | Δ 1.8 kg

Art.		Δ kg
105.998.009	Empty PRO LINE EVA inlay for item 105.401.009, 20 × 40 cm	0.18



Art. 105.401.010

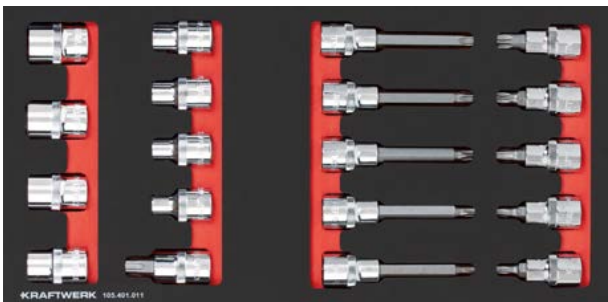
PRO LINE EVA 1/2" socket inlay 20 × 40 cm, 19 pcs.

1/2" hexagon sockets 55 mm: 5 - 6 - 7 - 8 - 10 mm
1/2" multi-tooth sockets 55 mm: M5 - M6 - M8 - M10 - M12
1/2" hexagon sockets 100 mm: 6 - 7 - 8 - 10 - 12 mm
1/2" multi-tooth sockets 100 mm: M5 - M6 - M8 - M10

200 × 400 × 40 mm | Δ 1.94 kg



Art.		Δ kg
105.998.010	Empty PRO LINE EVA inlay for item 105.401.010, 20 × 40 cm	0.18



Art. 105.401.011

PRO LINE EVA 1/2" socket inlay 20 × 40 cm, 19 pcs.

1/2" TX sockets E-TX: E10 - E12 - E14 - E16 - E18 - E20 - E22 - E24
1/2" TX sockets 55 mm: TX T30 - T40 - T45 - T50 - T55 - T60
1/2" TX sockets 100 mm: TX T30 - T40 - T45 - T50 - T55

200 × 400 × 40 mm | Δ 1.94 kg



Art.		Δ kg
105.998.011	Empty PRO LINE EVA inlay for item 105.401.011, 20 × 40 cm	0.18





200 × 400 × 40 mm | ΔΔ 1.1 kg



Art. 105.401.012

PRO LINE EVA screwdriver set slot PH inlay 20 × 40 cm, 8 pcs.

MADE IN GERMANY

PRO LINE slotted screwdriver: 4 - 5 - 5.5 - 6 - 8 mm

PRO LINE PH screwdriver PH: PH1 - PH2

Ergonomic gel cushion grip that moulds to the hand

3-component handle with anti-roll protection

Smooth, seamless handle for maximum comfort

Cross hole on the screwdriver head

Screw symbols on the handle cap
Precision tip guarantees high fitting accuracy and durability equipped with high quality magnets

Continuous hard core on handle

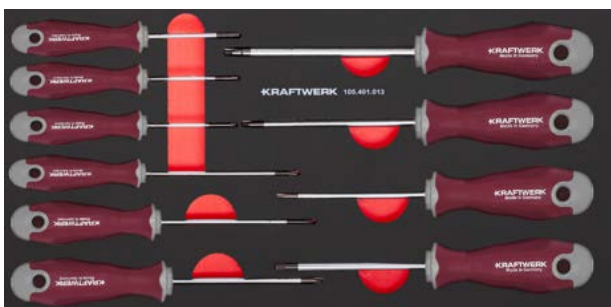
Blade made of special chrome vanadium alloy

Above DIN/ISO requirements

Optimal power transmission



Art.		ΔΔ kg
105.998.012	Empty PRO LINE EVA inlay for item 105.401.012, 20 × 40 cm	0.18



200 × 400 × 40 mm | ΔΔ 1.1 kg



Art. 105.401.013

PRO LINE EVA screwdriver set TX inlay 20 × 40 cm, 10 pcs.

MADE IN GERMANY

PRO LINE TX screwdriver:

TX7 - TX8 - TX9 - TX10 - TX15 - TX20 - TX25 - TX27 - TX30 - TX40

Ergonomic gel cushion grip that moulds to the hand

3-component handle with anti-roll protection

Smooth, seamless handle for maximum comfort

Cross hole on the screwdriver head

Screw symbols on the handle cap

Precision tip guarantees high fitting accuracy and durability equipped with high quality magnets

Continuous hard core on handle

Blade made of special chrome vanadium alloy

Above DIN/ISO requirements

Optimal power transmission



Art.		ΔΔ kg
105.998.013	Empty PRO LINE EVA inlay for item 105.401.013, 20 × 40 cm	0.18





200 × 400 × 40 mm | Δ 2.16 kg

Art. 105.401.015

PRO LINE EVA Striking Tool inlay 20 × 40 cm, 11 pcs.

German engineer hammer, hickory: 500 g
Soft face Hammer, hickory, Ø 35 mm, PU - nylon inserts: 360 g
Flat chisel: 18 - 22 mm
Pin punches: 2 - 3 - 4 - 5 - 6 - 8 mm
Centre punch: No. 2, 120 mm

Art.		Δ kg
105.998.015	Empty PRO LINE EVA inlay for item 105.401.015, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 1.08 kg

Art. 105.401.016

PRO LINE EVA Cutting Tool inlay 20 × 40 cm, 21 pcs.

Snap-off knife: 9 mm
Snap-off knife: 18 mm
Replacement blades (10 pcs.): 9 mm
Replacement blades (5 pcs.): 18 mm
Professional hacksaw: 300 mm

Art.		Δ kg
105.998.016	Empty PRO LINE EVA inlay for item 105.401.016, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 1.5 kg

Art. 105.401.017

PRO LINE EVA HIGHTECH plier inlay 20 × 40 cm, 4 pcs.

Combination plier: 180 mm / 7"
Diagonal cutter: 160 mm / 6.1/4"
Flat round plier: 205 mm / 8"
Water pump plier: 240 mm / 9.1/2"



Art.		Δ kg
105.998.017	Empty PRO LINE EVA inlay for item 105.401.017, 20 × 40 cm	0.18

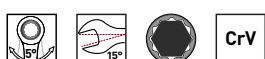


200 × 400 × 40 mm | Δ 1.2 kg

Art. 105.401.018

PRO LINE EVA ratcheting combination wrenches inlay 20 × 40 cm, 12 pcs.

Ratcheting combination wrenches, 72 teeth, 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 mm
Ratcheting combination wrench, 75 teeth, 19 mm
Ratcheting angle 5°
Straight version
15° jaw position
Bright chrome plated
Chrome vanadium



Art.		Δ kg
105.998.018	Empty PRO LINE EVA inlay for item 105.401.018, 20 × 40 cm	0.18

200 x 400 x 40 mm | Δ 1.55 kg**Art. 105.401.023****PRO LINE EVA locking pliers / sheet metal shears inlay 20 x 40 cm, 4 pcs.**

Sheet metal shears: 250 mm / 10"

Locking pliers: 175 mm / 7"

Locking pliers: 250 mm / 10"

Vise grip: 150 mm / 6"

Art.		Δ kg
105.998.023	Empty PRO LINE EVA inlay for item 105.401.023, 20 x 40 cm	0.18

200 x 400 x 40 mm | Δ 1.18 kg**Art. 105.401.026****PRO LINE EVA plier / shear inlay 20 x 40 cm, 4 pcs.**

Pincers: 200 mm / 8"

Cable stripper: 160 mm / 6.1/2"

Cable stripper and crimping pliers: 1,5 - 6 mm²

Universal shears: 150 mm

Art.		Δ kg
105.998.026	Empty PRO LINE EVA inlay for item 105.401.026, 20 x 40 cm	0.18

200 x 400 x 40 mm | Δ 3.99 kg**Art. 105.401.027****PRO LINE EVA 1/2" impact wrench inlay 20 x 40 cm, 17 pcs.**

1/2" impact wrench, 920 Nm

1/2" impact sockets: 10 - 12 - 13 - 14 - 15 - 17 - 19 - 21 - 22 - 24 mm

1/2" impact sockets, for rims: 17 - 19 - 21 - 22 - 24 mm

1/2" extension: 125 mm

Chrome molybdenum

Art.		Δ kg
105.998.027	Empty PRO LINE EVA inlay for item 105.401.027, 20 x 40 cm	0.18

200 x 400 x 40 mm | Δ 2.8 kg**Art. 105.401.028****PRO LINE EVA 1/2" impact socket inlay 20 x 40 cm, 20 pcs.**

1/2" impact sockets:

10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 27 - 30 - 32 - 36 mm

1/2" impact extension: 125 mm

For machine operation

Chrome molybdenum

Art.		Δ kg
105.998.028	Empty PRO LINE EVA inlay for item 105.401.028, 20 x 40 cm	0.18



200 × 400 × 40 mm | Δ 4.26 kg

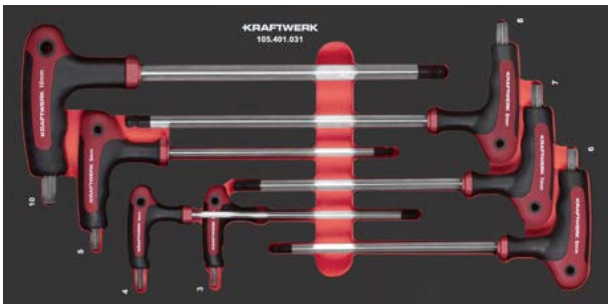


Art. 105.401.029

PRO LINE EVA 1/2" impact socket inlay 20 × 40 cm, 15 pcs.

1/2" deep impact sockets:
13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 - 32 - 36 mm
1/2" impact extension: 125 mm
For machine operation
Chrome molybdenum

Art.		Δ kg
105.998.029	Empty PRO LINE EVA inlay for item 105.401.029, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 0.83 kg

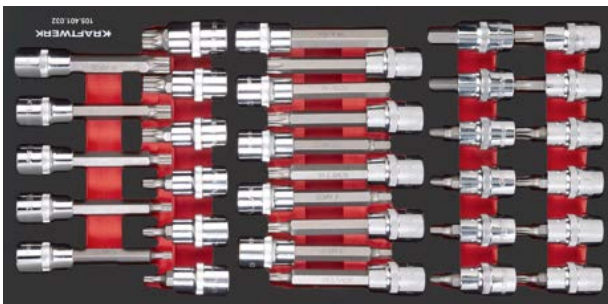


Art. 105.401.031

PRO LINE EVA T-handle screwdriver hexagon socket inlay 20 × 40 cm, 7 pcs.

Hexagon ballpoint T-Handle screwdriver
Width across flats: 3 - 4 - 5 - 6 - 7 - 8 - 10 mm
With ergonomic 2-component handle

Art.		Δ kg
105.998.031	Empty PRO LINE EVA inlay for item 105.401.031, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 3.233 kg



Art. 105.401.032

PRO LINE EVA 1/2" socket wrench inlay 20 × 40 cm, 33 pcs.

Short version 55 mm
Hexagon socket: 5 - 6 - 7 - 8 - 10 - 12 mm
Socket TX: T30 - T40 - T45 - T50 - T55 - T60
Socket multi-tooth: M5 - M6 - M8 - M10 - M12 - M14
Long version 100 mm
Hexagon socket: 6 - 7 - 8 - 10 - 12 mm
Socket TX: T30 - T40 - T45 - T50 - T55
Socket multi-tooth: M5 - M6 - M8 - M10 - M12

Art.		Δ kg
105.998.032	Empty PRO LINE EVA inlay for item 105.401.032, 20 × 40 cm	0.18



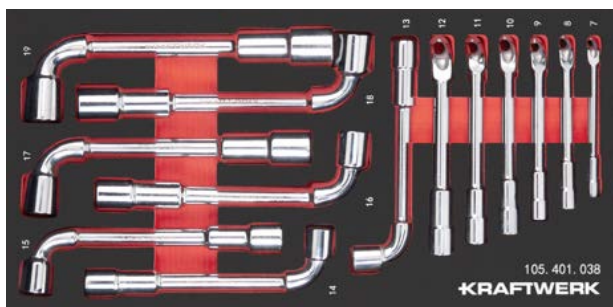
200 × 400 × 40 mm | Δ 1.97 kg

Art. 105.401.034

PRO LINE EVA "S" double open-end wrench set inlay 20 × 40 cm, 10 pcs.

Size: 6 × 7 - 8 × 9 - 1 × 11 - 12 × 13 - 14 × 15 - 16 × 17 - 18 × 19 - 21 × 22 - 24 × 27 - 30 × 32 mm
DIN 311, ISO 3318, ISO 185, ISO 112
Chrome alloy steel

Art.		Δ kg
105.998.034	Empty PRO LINE EVA inlay for item 105.401.034, 20 × 40 cm	0.18

**Art. 105.401.038****PRO LINE EVA pipe head wrench inlay 20 × 40 cm, 13 pcs.**

Elbow milled open wrench, double-hex x hex
7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm

200 × 400 × 40 mm | ΔΔ 2.613 kg



Art.		ΔΔ kg
105.998.038	Empty PRO LINE EVA inlay for item 105.401.038, 20 × 40 cm	0.18

**Art. 105.401.039****PRO LINE EVA small parts inlay 20 × 40 cm**

8 subdivisions

200 × 400 × 40 mm | ΔΔ 0.18 kg

**Art. 105.401.041****PRO LINE EVA ratchet combination wrench inlay 20 × 40 cm, 14 pcs.**

Width wrench: 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 22 - 24 mm
Switch lever for right and left rotation
High quality 72 tooth ratchet mechanism
5° return angle
Straight design
15° jaw position
Bright chrome plated
Chrome vanadium

200 × 400 × 40 mm | ΔΔ 2.466 kg



Art.		ΔΔ kg
105.998.041	Empty PRO LINE EVA inlay for item 105.401.041, 20 × 40 cm	0.18

**Art. 105.401.043****PRO LINE EVA T-handle screwdriver TX inlay 20 × 40 cm, 7 pcs.**

TX T-handle screwdriver: T10 - T15 - T20 - T25 - T27 - T30 - T40
With ergonomic 2 component handle

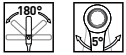
200 × 400 × 40 mm | ΔΔ 0.6 kg



Art.		ΔΔ kg
105.998.043	Empty PRO LINE EVA inlay for item 105.401.043, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 2.8 kg



Art. 105.401.045

PRO LINE EVA open-ended double-ended spanner inlay 20 × 40 cm, 13 pcs.

Ratchet spanner with hinge: 8 - 10 - 11 - 12 - 13 - 14 mm
Open-ended double box spanners metric: 9 × 11 - 10 × 12 - 13 × 14 - 15 × 17 mm
Open-ended double box spanners INCH: 3/8 "x7/16" - 1/2 "x9/16" - 5/8 "x11/16"

Art.		Δ kg
105.998.045	Empty PRO LINE EVA inlay for item 105.401.045, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 1.2 kg

Art. 105.401.046

PRO LINE EVA measuring tool inlay, 20 × 40 cm, 9 pcs.

Caliper 150 mm (also suitable with digital caliper Art. No. 2972)
Steel rule 300 mm
Feeler blade gauge 0.05-0.8 mm
Outside micrometer 0-25 mm
Protractor
Flat angle
Telescopic magnetic finder
Measuring tape 5 m
Double meter woodspanners INCH: 3/8 "x7/16" - 1/2 "x9/16" - 5/8 "x11/16"

Art.		Δ kg
105.998.046	Empty PRO LINE EVA inlay for item 105.401.046, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 1.73 kg

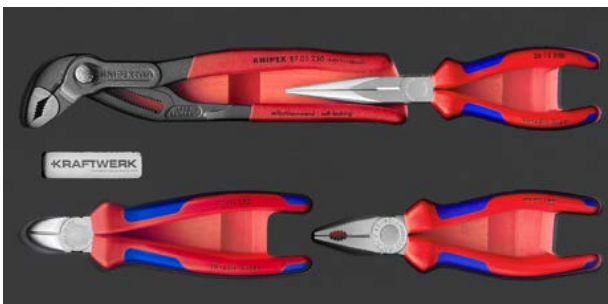


Art. 105.401.051

PRO LINE EVA L-key wrench inlay 20 × 40 cm, 28 pcs.

L-key wrenches: 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 7 - 8 - 10 mm
TX L-key wrenches: T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50
TX L-key wrenches with hole: TS10 - TS15 - TS20 - TS25 - TS27 - TS30 - TS40 - TS45 - TS50

Art.		Δ kg
105.998.051	Empty PRO LINE EVA inlay for item 105.401.051, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 0.91 kg

Art. 105.401.048

PRO LINE EVA KNIPEX plier inlay 20 × 40 cm, 4 pcs.

Combination plier: 180 mm / 7"
Diagonal cutter: 160 mm / 6.1/4"
Flat round plier: 200 mm / 8"
Water pump plier: 250 mm / 9.1/2"



Art.		Δ kg
105.998.048	Empty PRO LINE EVA inlay for item 105.401.048, 20 × 40 cm	0.18



2



400 × 600 × 40 mm | Δ 7.2 kg

**Art. 105.502.026****PRO LINE EVA socket wrench inlay 1/4"+3/8"+1/2"**
60 × 40 cm, 125 pcs.

Ratchet handle, 1/4"

Sockets, 3.5 - 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm

Sockets, deep, 4 - 5 - 6 - 7 - 8 - 9 - 10 mm

Bit sockets, slotted 4 - 5.5 - 6.5 mm

Bit sockets, PH1 - PH2 - PH3

Bit sockets, PZ1 - PZ2 - PZ3

Bit sockets, TX T8 - T10 - T15 - T20 - T25 - T27 - T30 - T40

Bit sockets, TX-TR T10 - T15 - T20 - T25 - T27 - T30 - T40

Bit sockets, hex 3 - 4 - 5 - 6 - 7 - 8 mm

Bit sockets, E-TX E4 - E5 - E6 - E7 - E8 - E10 - E11

Universal joint

Extension, 50 and 100 mm

Sliding handle with adapter

Drive handle

Bit adapter

Ratchet handle, 3/8"

Sockets, 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 mm

Sockets, deep, 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 mm

Sockets, E-TX E10 - E11 - E12 - E14 - E16 - E18 - E20

Spark plug sockets, 16 - 18 - 21 mm

Universal joint

Extension, 75 and 250 mm

Sliding handle adapter

Adapter, 3/8" to 1/4"

Ratchet handle, 1/2"

Sockets, 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 - 32 mm

Universal joint

Extension, 125 and 250 mm

Sliding handle adapter



Art.		Δ kg
105.999.026	Empty PRO LINE EVA inlay for item 105.502.026, 60 × 40 cm	0.36



400 × 600 × 40 mm | Δ 2.16 kg



Art. 105.502.027

PRO LINE EVA pliers set inlay, 11 pcs.

- Pliers wrench 250 mm
- Side cutting nippers 160 mm
- Lever side cutting nipper 200 mm
- Long nose pliers 205 mm
- Long nose pliers 45° 205 mm
- Circlips pliers A2
- Circlips pliers A21
- Circlips pliers J2
- Circlips pliers J21
- Wire stripping pliers 160 mm
- Combination pliers 180 mm



Art.		Δ kg
105.999.027	Empty PRO LINE EVA inlay for item 105.502.027, 60 × 40 cm	0.36



400 × 600 × 40 mm | Δ 7.04 kg

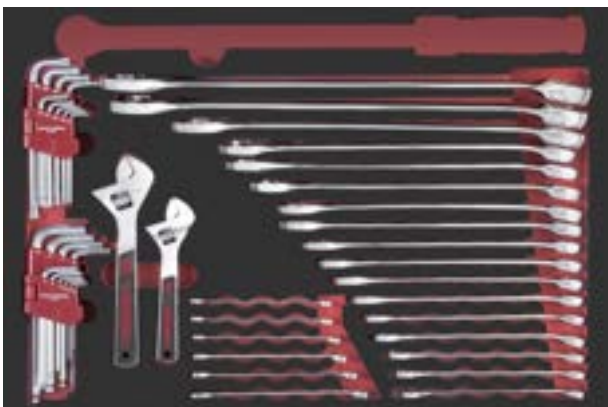


Art. 105.502.028

PRO LINE EVA wrench and torque wrench inlay 60 × 40 cm, 44 pcs.

- Combination wrenches:
5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm
- Adjustable wrench ERGOKRAFT, 150 mm / 6"
- Adjustable wrench ERGOKRAFT, 200 mm / 8"
- Torque wrench item no. 3235, 1/2", 4-200 Nm included
- Spherical head hex keys, 1.5 - 1 mm, 9 pcs.
- Key wrenches, TX T10 - T50, 9 pcs.

Art.		Δ kg
105.999.028	Empty PRO LINE EVA inlay for item 105.502.028, 60 × 40 cm	0.36



400 × 600 × 40 mm | Δ 5.98 kg



Art. 105.503.028

PRO LINE EVA wrench inlay, 60 × 40 cm, 43 pcs.

- Combination wrenches:
5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm
- Adjustable wrench: 150 mm / 6"
- Adjustable wrench: 200 mm / 8"
- Spherical head hex keys: 1.5 - 10 mm, 9 pcs.
- Key wrenches, TX T10 - T50, 9 pcs.

Optional with torque wrench ERGOKRAFT item no. 3235, 1/2", 4-200 Nm

Art.		Δ kg
105.999.028	Empty PRO LINE EVA inlay for item 105.502.028, 60 × 40 cm	0.36

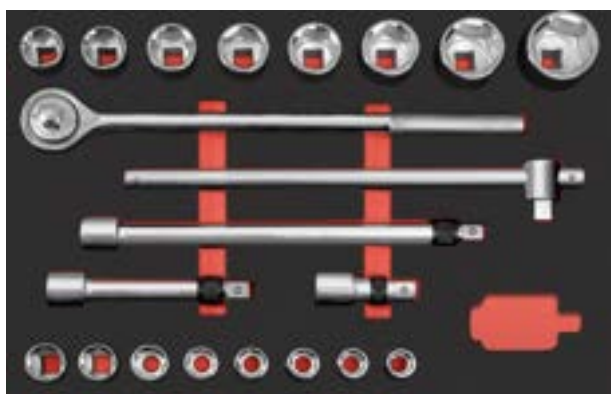


400 × 600 × 40 mm | Δ 7.04 kg

**Art. 105.502.029****PRO LINE bodywork tool inlay 60 × 40 cm, 16 pcs.**

Panel beating tools, wedge profile - comma dolly - toe dolly
 Shrinking and flat faced bumping hammer
 Flat faced bumping and round finishing pick hammer
 Panel beating and planishing hammer, serrated
 Panel beating and planishing hammer, straight
 Panel beating and planishing hammer, domed
 Auto body file clamp, 35 mm
 Auto body file blades, 9/" - 12/" - 15/"
 Auto body spoon bar
 Auto body chisel
 Mini compressed air blow gun
 Snap-off knives

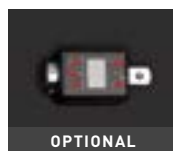
Art.		Δ kg
105.999.029	Empty PRO LINE EVA inlay for item 105.502.029, 60 × 40 cm	0.36



400 × 600 × 40 mm | Δ 15 kg

**Art. 105.502.030****PRO LINE EVA 3/4" socket spanner inlay 60 × 40 cm, 21 pcs.**

3/4" reversible ratchet, 45-tooth, with quick-release 500 mm
 Socket spanner: 19 - 21 - 22 - 23 - 24 - 26 - 27 - 29 - 3 - 32 - 35 - 36 - 38 - 41 - 46 - 50 mm
 Extensions with locking mechanism: 100 - 200 - 400 mm
 Sliding handle with adapter: 46 mm
Option 1 - with digital torque adapter 100-500 Nm (Art. 4081-34)
Option 2 - with digital torque adapter 200-1000 Nm (Art. 4081-341)



Art.		Δ kg
105.999.030	Empty PRO LINE EVA inlay for Art. 105.502.030, 60 × 40 cm	0.36



400 × 600 × 40 mm | Δ 2.23 kg

Art. 105.502.031**PRO LINE EVA KNIPEX pliers inlay 60 × 40 cm, 12 pcs.**

Side cutting nippers: 180 mm
 Combination pliers: 180 mm
 Long nose pliers: 200 mm
 Long nose pliers 45°: 200 mm
 Wire stripping pliers: 160 mm
 Circlip pliers for inner rings
 Circlip pliers for inner rings 90°
 Circlip pliers outer rings
 Circlip pliers outer rings 90°
 Crimping pliers: 180 mm
 Pincers: 180 mm
 Water pump pliers: 250 mm



Art.		Δ kg
105.999.031	Empty PRO LINE EVA inlay for item 105.502.031, 60 × 40 cm	0.36



200 × 400 × 40 mm | Δ 1.95 kg



Art. 105.301.001

BASIC LINE EVA 3/8" deep socket 20 × 40 cm, 30 pcs.

3/8" hexagon sockets, 90 mm: 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 mm
3/8" TX sockets, 90 mm: T8 - T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50
3/8" multi-tooth sockets, 90 mm: M5 - M6 - M8 - M9 - M10 - M12
3/8" RIBE@ sockets, 90 mm: M5 - M6 - M8 - M9 - M20 - M12

For manual operation
Chrome vanadium / special steel tip

Art.		Δ kg
105.997.001	Empty BASIC LINE EVA inlay for item 105.301.001, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 4.25 kg



Art. 105.301.002

BASIC LINE EVA 1/2" deep impact socket inlay 20 × 40 cm, 16 pcs.

1/2" deep impact sockets 6-point: 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 - 32 mm
1/2" deep impact sockets 12-point: 30 + 36 mm
1/2" impact extension: 125 mm

For machine operation
Chrome molybdenum

Art.		Δ kg
105.997.002	Empty BASIC LINE EVA inlay for item 105.301.002, 20 × 40 cm	0.18



200 × 400 × 40 mm | ΔΔ 3.76 kg



CrV

Art. 105.301.003**BASIC LINE EVA 1/2" deep impact socket inlay 20 × 40 cm, 20 pcs.**

1/2" deep impact sockets 6-point: 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 26 - 27 - 28 - 30 - 32 mm

For manual operation

Chrome vanadium

Art.		ΔΔ kg
105.997.003	Empty BASIC LINE EVA inlay for item 105.301.003, 20 × 40 cm	0.18



200 × 400 × 40 mm | ΔΔ 2.5 kg



CrV

Art. 105.301.004**BASIC LINE EVA 1/2" socket inlay 20 × 40 cm, 21 pcs.**

1/2" hexagon sockets, 100 mm: 6 - 7 - 8 - 9 - 10 - 12 - 14 - 17 mm

1/2" multi-tooth sockets, 100 mm: M5 - M6 - M8 - M9 - M10 - M12 - M14 - M16

1/2" RIBE® sockets, 100 mm: M8 - M9 - M10 - M12 - M14

For manual operation

Chrome vanadium / special steel tip

Art.		ΔΔ kg
105.997.004	Empty BASIC LINE EVA inlay for item 105.301.004, 20 × 40 cm	0.18



200 × 400 × 40 mm | ΔΔ 2.87 kg



CrV

Art. 105.301.005**BASIC LINE EVA 1/2" socket inlay 20 × 40 cm 23 pcs.**

1/2" ratchet

1/2" extensions: 150 + 200 mm

1/2" sockets 6-point: 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 23 - 24 - 27 - 30 - 32 mm

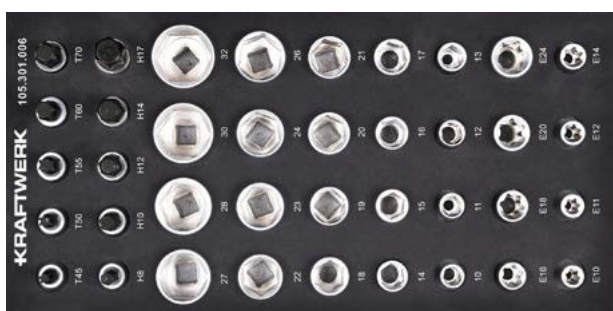
1/2" universal joint and adapter

For manual operation

With cross knurling

Chrome vanadium

Art.		ΔΔ kg
105.997.005	Empty BASIC LINE EVA inlay for item 105.301.005, 20 × 40 cm	0.18



200 × 400 × 40 mm | ΔΔ 3.22 kg



CrV

Art. 105.301.006**BASIC LINE EVA 1/2" socket inlay 20 × 40 cm, 38 pcs.**

1/2" sockets: 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 26 - 27 - 28 - 30 - 32 mm

1/2" hexagon sockets: 8 - 10 - 12 - 14 - 17 mm

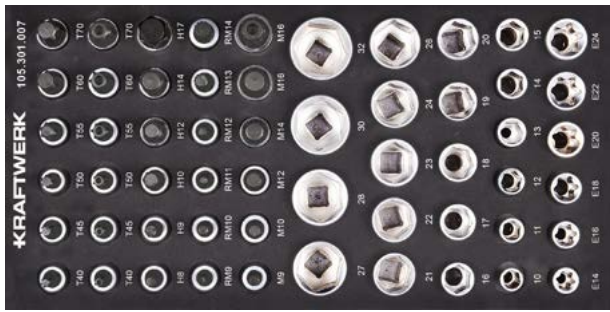
1/2" outside TX sockets: E-TX E10 - E11 - E12 - E14 - E16 - E18 - E20 - E24

1/2" TX sockets: TX T45 - T50 - T55 - T60 - T70

For manual operation

Chrome vanadium / special steel tip

Art.		ΔΔ kg
105.997.006	Empty BASIC LINE EVA inlay for item 105.301.006, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 4.99 kg

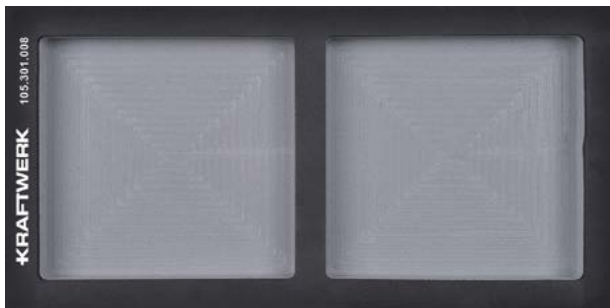


Art. 105.301.007

BASIC LINE EVA 1/2" socket inlay 20 × 40 cm, 56 pcs.

1/2" sockets: 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 26 - 27 - 28 - 30 - 32 mm
 1/2" hexagon sockets: 8 - 17 mm
 1/2" outside TX sockets: E-TX E14 - E24
 1/2" TX sockets: TX T40 - T70
 1/2" TX sockets: TX TR T40 - T70
 1/2" multi-tooth sockets: M9 - M16
 1/2" RIBE® sockets: M9 - M14
 For manual operation
 Chrome vanadium/special steel tip

Art.		Δ kg
105.997.007	Empty BASIC LINE EVA inlay for item 105.301.007, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 0.18 kg

Art. 105.301.008

BASIC LINE EVA placeholder inlay 20 × 40 cm

Suitable for small parts and tools
 2 compartments with 170 × 130 mm each



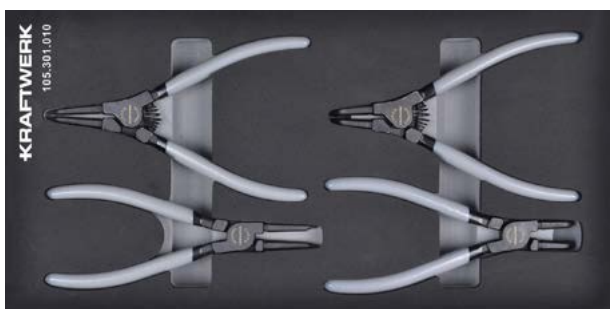
200 × 400 × 40 mm | Δ 2.5 kg

Art. 105.301.009

BASIC LINE EVA hammer inlay 20 × 40 cm 3 pcs.

Hammer: 300 g
 Rubber / plastic hammer: 300 g
 Sledgehammer: 1000 g

Art.		Δ kg
105.997.009	Empty BASIC LINE EVA inlay for item 105.301.009, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 1.65 kg

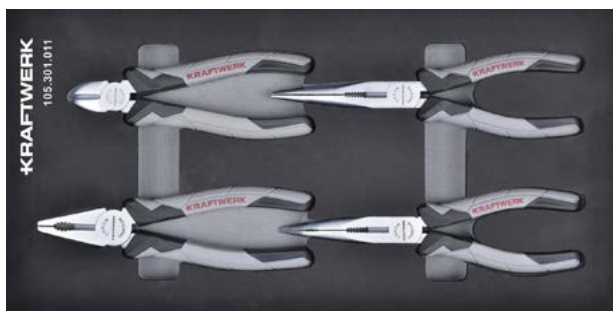


Art. 105.301.010

BASIC LINE EVA circlip pliers inlay 20 × 40 cm, 4 pcs.

Circlip pliers, straight, closing, for inner rings
 Circlip pliers, straight, opening, for inner rings
 Circlip pliers, angled 90°, closing, for outer rings
 Circlip pliers, angled 90°, opening, for outer rings
 For circlips from Ø 19 - 60 mm

Art.		Δ kg
105.997.010	Empty BASIC LINE EVA inlay for item 105.301.010, 20 × 40 cm	0.18



200 × 400 × 40 mm | ΔΔ 2.2 kg

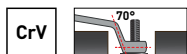
Art. 105.301.011**BASIC LINE EVA pliers inlay 20 × 40 cm, 4 pcs.**

Diagonal cutter: 160 mm
 Flat round pliers curved: 200 mm
 Flat round pliers: 200 mm
 Combination pliers: 180 mm

Art.		ΔΔ kg
105.997.011	Empty BASIC LINE EVA inlay for item 105.301.011, 20 × 40 cm	0.18



200 × 400 × 40 mm | ΔΔ 2 kg

**Art. 105.301.012****BASIC LINE double ended Ring spanner inlay 20 × 40 cm, 4 pcs.**

Double ended ring spanners 21 × 23 - 24 × 27 - 25 × 28 - 30 × 33 mm
 Cranked on both sides 70°
 DIN 838, ISO 3318, ISO 1085, ISO 10104
 Chrome vanadium

Art.		ΔΔ kg
105.997.012	Empty BASIC LINE EVA inlay for item 105.301.012, 20 × 40 cm	0.18



200 × 400 × 40 mm | ΔΔ 0.74 kg

**Art. 105.301.013****BASIC LINE EVA screwdriver with impact cap inlay 20 × 40 cm, 5 pcs.**

Screwdriver with impact cap slotted: 5.5 - 6.5 - 8 mm
 Screwdriver with impact cap PH: PH1 - PH2
 Ergonomic 2-component handle

Art.		ΔΔ kg
105.997.013	Empty BASIC LINE EVA inlay for item 105.301.013, 20 × 40 cm	0.18



200 × 400 × 40 mm | ΔΔ 0.7 kg

Art. 105.301.014**BASIC LINE EVA files inlay 20 × 40 cm, 6 pcs.**

Steel wire brush
 Stainless steel straight ruler: 300 mm
 Caliper
 Triangular file: 200 mm / 8"
 Round file: 200 mm / 8"
 Triangular file for brakes: 150 mm / 6"

Art.		ΔΔ kg
105.997.014	Empty BASIC LINE EVA inlay for item 105.301.014, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 0.72 kg

Art. 105.301.015

BASIC LINE EVA trim removal tool inlay 20 × 40 cm, 6 pcs.

Hook tool, straight
Hook tool, 45° bent tip
Hook tool, 90° bent tip
Hook tool, sickle shape
Round hook
Ergonomic 2-component handle
For removing seals, O-rings, trim clips or paneling
For all kinds of work on the interior body paneling

Art.		Δ kg
105.997.015	Empty BASIC LINE EVA inlay for item 105.301.015, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 0.68 kg



Art. 105.301.016

BASIC LINE EVA screwdriver inlay, extra long version, 20 × 40 cm, 6 pcs.

Slotted screwdrivers extra long 250 mm: 4.0 + 5.5 mm
PH screwdrivers extra long 250 mm: PH2
Hexagon screwdrivers extra long 250 mm: 3 - 4 - 6 mm
Ergonomic 2-component handle
With burnished tip
With hanging hole

Art.		Δ kg
105.997.016	Empty BASIC LINE EVA inlay for item 105.301.016, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 0.68 kg



Art. 105.301.017

BASIC LINE EVA screwdriver inlay, extra long version, 20 × 40 cm, 6 pcs.

Slotted screwdrivers extra long 250 mm: 4.0 - 5.5 - 6.5 mm
Hexagon screwdrivers extra long 250 mm: 3 - 4 - 5 mm
Ergonomic 2-component handle
With burnished tip
With hanging hole

Art.		Δ kg
105.997.017	Empty BASIC LINE EVA inlay for item 105.301.017, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 0.7 kg

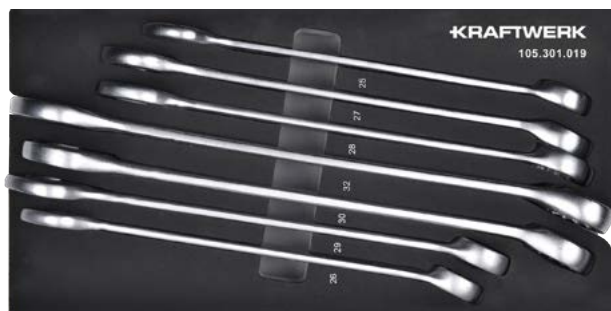


Art. 105.301.018

BASIC LINE EVA screwdriver inlay, extra long version, 20 × 40 cm, 6 pcs.

TX screwdrivers extra long 250 mm: T15 - T20 - T25 - T27 - T30 - T40
Ergonomic 2-component handle
With burnished tip
With hanging hole

Art.		Δ kg
105.997.018	Empty BASIC LINE EVA inlay for item 105.301.018, 20 × 40 cm	0.18



200 × 400 × 40 mm | ΔΔ 3.55 kg

CrV

Art. 105.301.019**BASIC LINE EVA combination spanner inlay 20 × 40 cm, 7 pcs.**

Combination spanners: 25 - 26 - 27 - 28 - 29 - 30 - 32 mm

Ring side angled 15°

DIN 3113 form A, ISO 3318, ISO 7738

Chrome Vanadium

Art.		ΔΔ kg
105.997.019	Empty BASIC LINE EVA inlay for item 105.301.019, 20 × 40 cm	0.18



200 × 400 × 40 mm | ΔΔ 0.67 kg

**Art. 105.301.021****BASIC LINE EVA hexagon L-handle ball ended key wrench inlay 20 × 40 cm, 7 pcs.**

Hexagon L-handle ball ended key wrench: 2.5 - 3 - 4 - 5 - 6 - 7 - 8 mm

Ergonomic 2-component handle

Art.		ΔΔ kg
105.997.021	Empty BASIC LINE EVA inlay for item 105.301.021, 20 × 40 cm	0.18



200 × 400 × 40 mm | ΔΔ 0.53 kg

**Art. 105.301.022****BASIC LINE EVA TX L-handle key wrench inlay 20 × 40 cm, 7 pcs.**

TX L-handle key wrench: T10 - T15 - T20 - T25 - T27 - T30 - T40

Ergonomic 2-component handle

Art.		ΔΔ kg
105.997.022	Empty BASIC LINE EVA inlay for item 105.301.022, 20 × 40 cm	0.18



200 × 400 × 40 mm | ΔΔ 1.08 kg

Art. 105.301.023**BASIC LINE EVA door lining loosener inlay 20 × 40 cm, 8 pcs.**

Door panel remover small 100 mm

Door panel remover 110 mm

Large door panel remover: 132 mm

Radiator hose remover

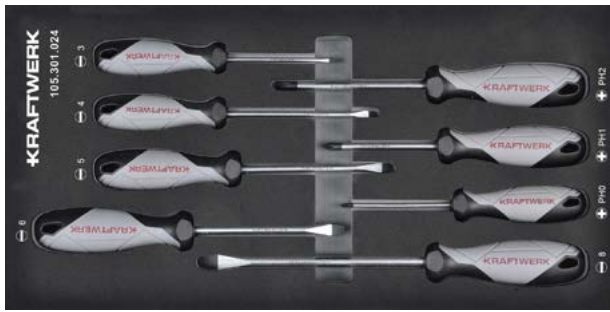
Split pin remover

Scraper

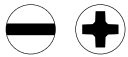
Clip remover 5/16": 115 mm

Clip remover 1/4": 115 mm

Art.		ΔΔ kg
105.997.023	Empty BASIC LINE EVA inlay for item 105.301.023, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 0.68 kg



Art. 105.301.024

BASIC LINE EVA slotted screwdriver inlay 20 × 40 cm, 8 pcs.

Slotted screwdrivers: 3.0 - 4.0 - 5.0 - 6.0 - 8.0 mm

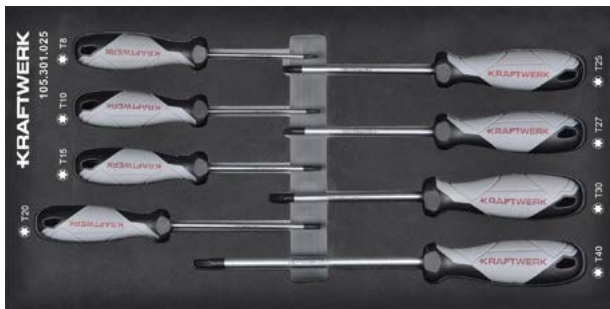
PH screwdrivers: PH0 - PH1 - PH2

Ergonomic 2-component handle

With burnished tip

With hanging hole

Art.		Δ kg
105.997.024	Empty BASIC LINE EVA inlay for item 105.301.024, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 0.7 kg



Art. 105.301.025

BASIC LINE EVA TX screwdriver inlay 20 × 40 cm, 8 pcs.

TX screwdrivers: TX T8 - T10 - T15 - T20 - T25 - T27 - T30 - T40

Ergonomic 2-component handle

With burnished tip

With hanging hole

Art.		Δ kg
105.997.025	Empty BASIC LINE EVA inlay for item 105.301.025, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 2.85 kg



Art. 105.301.026

BASIC LINE EVA pliers inlay 20 × 40 cm, 8 pcs.

Circlip pliers, straight, closing, for outer rings A21 (DIN ISO 5254B)

Circlip pliers, straight, closing, for inner rings J21 (DIN ISO 5749)

Circlip pliers, angled 90°, opening, for outer rings, A2 (DIN ISO 5254 A)

Circlip pliers, angled 90°, opening, for inner rings, J2 (DIN ISO 5256C)

Diagonal cutter: 160 mm / 6.1/2"

Flat round pliers curved: 200 mm / 8"

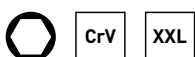
Flat round pliers: 200 mm / 8"

Combination pliers: 180 mm / 7"

Art.		Δ kg
105.997.026	Empty BASIC LINE EVA inlay for item 105.301.026, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 0.86 kg



Art. 105.301.027

BASIC LINE EVA hexagon T-handle inlay 20 × 40 cm, 9 pcs.

Hexagon T-handle: 2 - 2.5 - 3 - 4 - 4.5 - 5 - 6 - 7 - 8 mm

Extra long version

Chrome vanadium

Art.		Δ kg
105.997.027	Empty BASIC LINE EVA inlay for item 105.301.027, 20 × 40 cm	0.18

200 × 400 × 40 mm | Δ 0.86 kg

CrV

XXL

Art. 105.301.028**BASIC LINE EVA TX T-handle inlay 20 × 40 cm, 9 pcs.**

TX T-handle: T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50

Extra long version

Chrome vanadium

Art.		Δ kg
105.997.028	Empty BASIC LINE EVA inlay for item 105.301.028, 20 × 40 cm	0.18

200 × 400 × 40 mm | Δ 1.75 kg

CrV

Art. 105.301.029**BASIC LINE EVA double open wrench inlay 20 × 40 cm, 10 pcs.**

Double open wrench: 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 22 - 24 - 27 - 30 - 32 mm

15° jaw position

DIN 3110 form A, ISO 3318, ISO 7738

Chrome vanadium

Art.		Δ kg
105.997.029	Empty BASIC LINE EVA inlay for item 105.301.029, 20 × 40 cm	0.18

200 × 400 × 40 mm | Δ 1.63 kg

CrV

Art. 105.301.030**BASIC LINE EVA ratcheting combination wrenches inlay 20 × 40 cm, 12 pcs.**

Ratcheting combination wrenches: 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm

High quality 72 tooth ratchet mechanism

15° jaw position

Switch lever for right and left rotation

5° reset angle

Chrome vanadium

Art.		Δ kg
105.997.030	Empty BASIC LINE EVA inlay for item 105.301.030, 20 × 40 cm	0.18

200 × 400 × 40 mm | Δ 1.69 kg

CrV

Art. 105.301.031**BASIC LINE EVA universal joint ratcheting combination wrenches inlay 20 × 40 cm, 12 pcs.**

Universal joint ratcheting combination wrenches: : 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm

180° tiltable ratchet head

Joint tension adjustable with screw

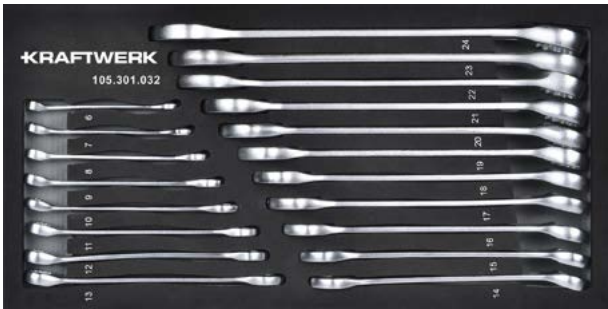
72 tooth ratchet system

5° return angle

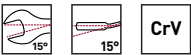
Ring side with joint

Chrome vanadium

Art.		Δ kg
105.997.031	Empty BASIC LINE EVA inlay for item 105.301.031, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 2.33 kg



Art. 105.301.032

BASIC LINE EVA combination spanner inlay 20 × 40 cm, 19 pcs.

Combination spanners: 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 mm

Ring side angled 15°

15° jaw position

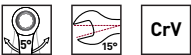
DIN 3113 form A, ISO 3318, ISO 7738

Chrome vanadium

Art.		Δ kg
105.997.032	Empty BASIC LINE EVA inlay for item 105.301.032, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 2.19 kg



Art. 105.301.033

BASIC LINE EVA ratcheting combination wrench inlay 20 × 40 cm, 19 pcs.

Ratcheting combination wrenches: 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 19 mm

Double open wrenches : 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 22 mm

Chrome vanadium

Art.		Δ kg
105.997.033	Empty BASIC LINE EVA inlay for item 105.301.033, 20 × 40 cm	0.18



200 × 400 × 40 mm | Δ 1.89 kg



Art. 105.301.034

BASIC LINE EVA 1/4" + 1/2" Socket inlay 20 × 40 cm, 40 pcs.

1/4" + 1/2" Ratchets

1/4" + 1/2" universal joint

1/4" Extensions: 50 + 100 mm

1/4" Sockets: 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm

1/2" Extensions: 150 + 200 mm

1/2" Sockets: : 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 26 - 27 - 28 - 30 - 32 mm

For manual operation

Chrome vanadium

Art.		Δ kg
105.997.034	Empty BASIC LINE EVA inlay for item 105.301.034, 20 × 40 cm	0.18



Art. 105.301.035

BASIC LINE EVA 1/4" Socket inlay 20 x 40 cm, 61 pcs.

- 1/4" Ratchets
- 1/4" Extensions: 50, 100, 150 mm
- 1/4" Deep Sockets: 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm
- 1/4" Outside TX Sockets: E4 - E5 - E6 - E7 - E8 - E10
- 1/4" Hexagon Sockets: 3 - 4 - 5 - 6 - 7 - 8 mm
- 1/4" TX Sockets: TX T6 - T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40
- 1/4" TX Sockets with hole: TXR TR6 - TR7 - TR8 - TR9 - TR10 - TR15 - TR20 - TR25 - TR27 - TR30 - TR40
- 1/4" PH sockets: PH1 - PH2
- Hexagon socket spanner set 1.5-10 mm
- 1/4" universal joint
- For manual operation
- Chrome vanadium

200 x 400 x 40 mm | Δ 1.48 kg



Art.		Δ kg
105.997.035	Empty BASIC LINE EVA inlay for item 105.301.035, 20 x 40 cm	0.18



Art. 105.301.036

BASIC LINE EVA 3/8" socket inlay 20 x 40 cm, 40 pcs.

- 3/8" ratchet
- 3/8" extensions : 44, 75, 150 mm
- 3/8" sockets: 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm
- 3/8" outside TX sockets: E7 - E8 - E10 - E11 - E12 - E14
- 3/8" hexagon sockets: 6 - 7 - 8 - 9 - 10 - 12 mm
- 3/8" TX sockets: T25 - T27 - T30 - T40 - T45 - T50
- 3/8" spark plug sockets: 14 - 16 - 18 - 21 mm
- 3/8" universal joint
- For manual operation
- Chrome vanadium

200 x 400 x 40 mm | Δ 2.3 kg



Art.		Δ kg
105.997.036	Empty BASIC LINE EVA inlay for item 105.301.036, 20 x 40 cm	0.18





600 × 400 × 40 mm | Δ 6.115 kg



Art. 105.102.011

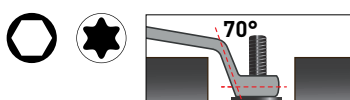
BASIC LINE EVA socket Inlay 1/4" + 3/8" + 1/2" 60 × 40 cm, 86 pcs.

1/4" + 3/8" + 1/2" ratchets
 1/4" + 3/8" + 1/2" universal joint
 1/4" sockets: 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
 1/4" deep sockets: 4 - 5 - 6 - 7 - 8 - 9 - 10 mm
 1/4" extensions: 50 + 100 mm
 1/4" sliding handle
 1/4" Screwdriver
 1/4" screwdriver bits
 3/8" sockets: 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 mm
 3/8" deep sockets: 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 mm
 3/8" extensions: 75 + 150 mm
 3/8" spark plug sockets: 16 + 21 mm
 1/2" sockets: 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 - 27 - 30 - 32 mm
 1/2" extensions: 125 + 250 mm
 Various adapters
 Flashlight
 For manual operation
 Chrome vanadium

Art.		Δ kg
105.101.011	Empty BASIC LINE EVA inlay for item 105.102.011, 60 × 40 cm	0.4



600 × 400 × 40 mm | Δ 4.75 kg

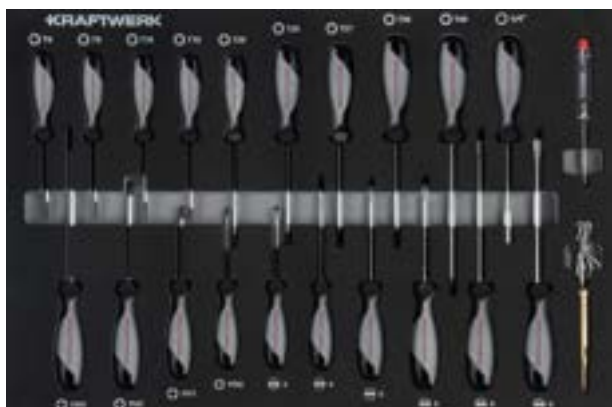


Art. 105.102.012

BASIC LINE EVA Combination / double ended ring spanner + L-key wrenches inlay 60 × 40 cm, 46 pcs.

Combination spanners 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 mm
 Double ended ring Spanners: 6 × 7 - 20 × 22 mm
 Ball point hexagon L-key Wrenches: 1.5-10 mm, 9 pcs.
 TX L-key wrenches: T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50, 9 pcs.

Art.		Δ kg
105.101.012	Empty BASIC LINE EVA inlay for item 105.102.012, 60 × 40 cm	0.4



600 × 400 × 40 mm | Δ 2.03 kg



Art. 105.102.013

BASIC LINE EVA screwdriver inlay 60 × 40 cm, 22 pcs.

Slotted screwdriver: 3 - 8 mm
 PH screwdriver PH0 - PH1 - PH2 - PH3
 TX screwdriver: T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40
 1/4" Bit-driver
 Phase tester 110-250 V GS-tested
 Phase tester 12 V GS-tested
 Screwdriver with ergonomic 2-component handle

Art.		Δ kg
105.101.013	Empty BASIC LINE EVA inlay for item 105.102.013, 60 × 40 cm	0.4

600 × 400 × 40 mm | Δ 3.47 kg**Art. 105.102.014****BASIC LINE EVA pliers / measuring inlay 60 × 40 cm, 13 pcs.**

Pressing plier for terminals: 1,5 - 6 mm²
 Combination plier: 180 mm / 7"
 Diagonal cutter: 160 mm / 6.1/2"
 Flat nose plier: 200 mm / 8"
 Water pump plier: 250 mm / 10"
 Grip plier: 250 mm / 10"
 Circlip pliers: A2, A21, J2, J21
 Steel tape measure: 5 m
 Caliper gauge: 150 mm / 0.05 mm x 1/128"
 Universal scissors: 150 mm

Art.		Δ kg
105.101.014	Empty BASIC LINE EVA inlay for item 105.102.014, 60 × 40 cm	0.4

600 × 400 × 40 mm | Δ 4.81 kg**Art. 105.102.015****BASIC LINE EVA socket wrench inlay 1/4" + 3/8" + 1/2" 60 × 40 cm, 107 pcs.**

5/16" slotted screwdriver bits: 8 -10 - 12 mm
 5/16" PH screwdriver bit: PH4
 5/16" PZ screwdriver bit: PZ4
 5/16" XZN screwdriver bits: M5 -M6 -M8 -M10 - M12
 5/16" TX screwdriver bits: T45 -T50 -T55 -T60 -T70 - T80
 5/16" TX screwdriver bits with hole: TT45 -TT50 -TT55 -TT60 -TT70
 5/16" hexagon screwdriver Bits: 8 -10 -12 - 14 mm
 1/4" outside TX sockets: TX E4 -E5 -E6 -E7 -E8 - E10
 1/4" slotted screwdriver bit sockets: 4 -5.5 - 6.5 mm
 1/4" PH screwdriver bit sockets: PH1 -PH2 - PH3
 1/4" PZ screwdriver bit sockets: PZ1 - PZ2 - PZ3
 1/4" TX screwdriver bit sockets: T8 -T10 -T15 - T20 -T25 -T27 -T30 - T40
 1/4" hexagon screwdriver bit socket: 3 -4 -5 -6 -7 - 8 mm
 1/4" TX screwdriver bit sockets with hole:
 TT10 -TT15 -TT20 -TT25 -TT27 -TT30 - TT40
 3/8" outside TX sockets: TX E10 -E11 -E12 -E14 -E16 -E18 - E20
 1/2" TX screwdriver bit sockets: T30 -T40 -T45 -T50 -T55 - T60
 1/2" TX screwdriver bit sockets, 100 mm: T30 - T40 -T45 -T50 -T55
 1/2" hexagon screwdriver bit sockets: 5 -6 -7 -8 - 10 mm
 1/2" hexagon screwdriver bit sockets, 100 mm: 6 - 7 -8 -10 - 12 mm
 1/2" XZN screwdriver bit sockets: M5 -M6 -M8 -M10 - M12
 1/2" XZN screwdriver bit sockets, 100 mm: M5 -M6 -M8 - M10
 1/2" outside TX sockets: TX E10 -E12 -E14 -E16 -E18 -E20 -E22 - E24
 For manual operation
 Chrome vanadium

Art.		Δ kg
105.101.015	Empty BASIC LINE EVA inlay for item 105.102.015, 60 × 40 cm	0.4



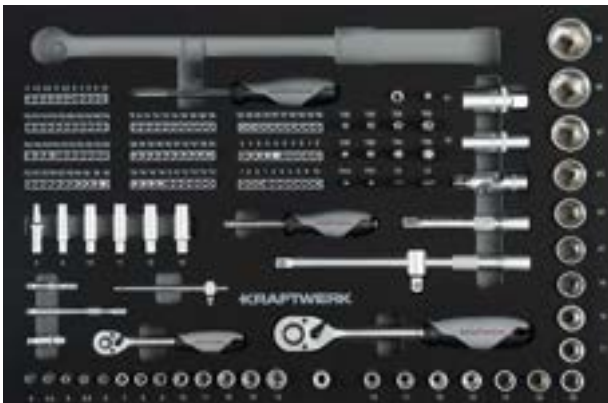
600 × 400 × 40 mm | Δ 3.59 kg

Art. 105.102.016

BASIC LINE EVA striking / cutting tool and file inlay 60 × 40 cm, 27 pcs.

- Flat chisel: 18 mm
- Flat chisel: 22 mm
- Center punch No.2: 120 mm
- Pin punch: 2 mm x 115 mm - 8 mm x 180 mm
- Professional hacksaw: 300 mm
- File
- Half-round file
- Round file
- Triangular file
- Snap-off knife: 18 mm (with 5 spare blades)
- Spare blades set (10 pcs.): 18 mm
- German engineer hammer, hickory: 300 g
- Plastic hammer: Ø 35 mm

Art.		Δ kg
105.101.016	Empty BASIC LINE EVA inlay for item 105.102.016, 60 × 40 cm	0.4



600 × 400 × 40 mm | Δ 5.375 kg

Art. 105.102.017

BASIC LINE EVA socket Inlay 1/4" + 1/2" 60 × 40 cm, 164 pcs.

- 1/4" + 1/2" reversible ratchets
- 1/4" + 1/2" universal joint
- 5/16" slotted screwdriver bits: 10 - 12 mm
- 5/16" TX screwdriver bits: T45 - T50 - T55 - T60
- 5/16" TX screwdriver bits, with hole: TT45 - TT50 - TT55 - TT60
- 1/4" sockets: 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
- 1/4" deep sockets: 6 - 8 - 10 - 11 - 12 - 13 mm
- 1/4" extensions: 50 + 100 mm
- 1/4" slotted screwdriver bits: 4.0 - 8 mm
- 1/4" PH screwdriver bits: PH0 - PH4
- 1/4" PZ screwdriver bits: PZ1 - PZ4
- 1/4" TX screwdriver bits: T8 - T40
- 1/4" TX screwdriver bits, with hole: TR8 - TR40
- 1/4" hexagon screwdriver bits: 3 - 8 mm
- 1/4" XZN screwdriver bits: M5 - M8
- 1/4" square screwdriver bits: 25 mm R1 - R2
- 1/2" sockets : 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 14 - 27 - 30 - 32 mm
- 1/2" extensions: 125 + 250 mm
- 1/2" spark plug sockets: 16 + 21 mm
- Various adapters
- For manual operation
- Chrome vanadium
- Prepared for torque wrench Art. 3235



Art.		Δ kg
105.101.017	Empty BASIC LINE EVA inlay for item 105.102.017, 60 × 40 cm	0.4





600 × 400 × 40 mm | Δ 2.41 kg

**Art. 105.102.018****BASIC LINE EVA screwdriver / striking tool inlay 60 × 40 cm, 49 pcs.**

Micro bit box, 29 pcs.
 Needle file set, 6 pcs.
 9 LED alu flashlight (excl. 3 × AAA)
 Slotted screwdriver: 3.5 - 8 mm
 Stubby slotted screwdriver: 6.5 mm
 PH screwdriver: PH1 - PH2
 Stubby PH screwdriver: PH2
 Phase tester 110-250 V GS approved
 German engineer hammer, hickory: 300 g
 Plastic hammer: Ø 35 mm
 Flat file

Art.		Δ kg
105.101.018	Empty BASIC LINE EVA inlay for item 105.102.018, 60 × 40 cm	0.4



600 × 400 × 40 mm | Δ 3.68 kg

Art. 105.102.019**BASIC LINE EVA combination spanner / punch / cutting tool inlay 60 × 40 cm, 46 pcs.**

Combination spanner: 6 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 22 mm
 Professional hacksaw: 300 mm
 Knife: 9 mm
 Knife: 18 mm
 Spare blade set (10 pcs.): 9 mm
 Spare blade set (10 pcs.): 18 mm
 Pin punch: 2 mm x 115 mm - 8 mm x 180 mm
 Centre punch No.2: 120 mm
 Flat chisel: 18 + 22 mm

Art.		Δ kg
105.101.019	Empty BASIC LINE EVA inlay for item 105.102.019, 60 × 40 cm	0.4

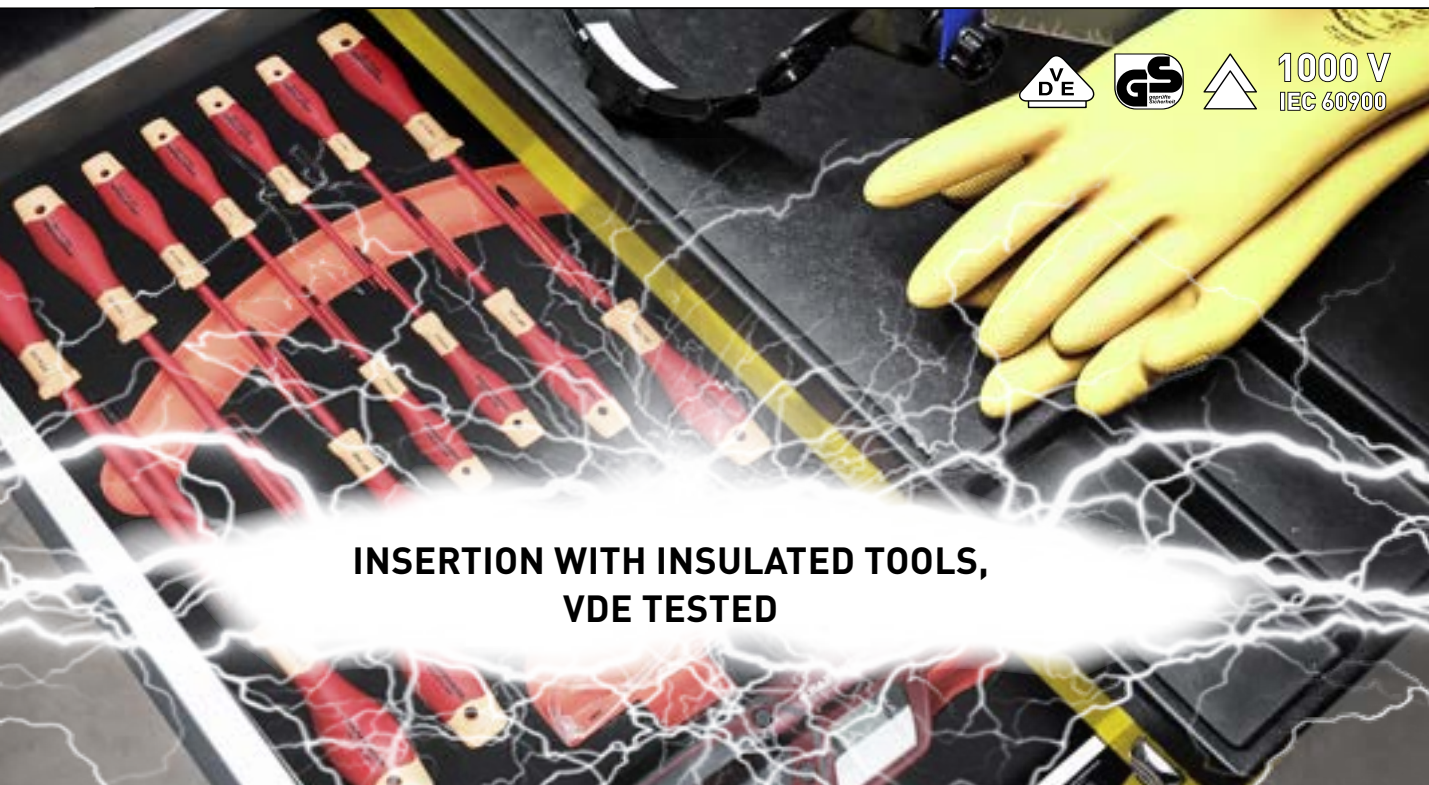


600 × 400 × 40 mm | Δ 3.3 kg

**Art. 105.102.110****BASIC LINE EVA pliers and L-key inlay, 60 × 40 cm, 78 pcs.**

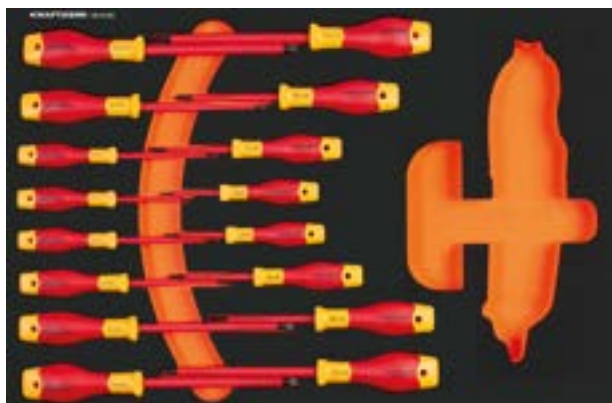
Circlip pliers: A2, A21, J2, J21
 Terminal assortments
 Pressing plier for terminals, 1,5 - 6 mm³
 Combination plier: 180 mm / 7"
 Diagonal cutter: 160 mm / 6.1/2"
 Flat nose plier: 200 mm / 8"
 Water pump plier: 250 mm / 10"
 Universal scissors 185 mm
 Ball point hexagon L-key wrenches: 1.5 - 10 mm, 9 pcs.
 TX L-key wrenches: T10 - T50, 9 pcs.

Art.		Δ kg
105.101.110	Empty BASIC LINE EVA inlay for item 105.102.110, 60 × 40 cm	0.4



1000 V
IEC 60900

**INSERTION WITH INSULATED TOOLS,
VDE TESTED**



600 × 400 × 40 mm | Δ 1.5 kg



Art. 105.110.001

VDE inlay with slot screwdriver/ PH/ PZ 16 pcs.

VDE slotted screwdrivers: 2.5 - 3 - 3.5 - 4 - 5.5 - 6.5 - 7 - 8 mm

VDE PH screwdrivers: PH0 - PH1 - PH2 - PH3

VDE PZ screwdrivers: PZ0 - PZ1 - PZ2 - PZ3

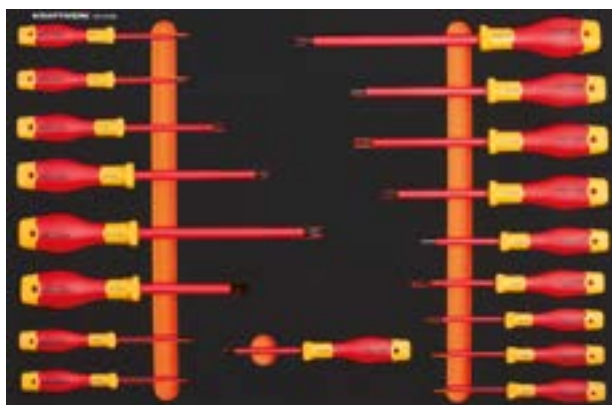
Optional extras:

807.000.001 Safety Glasses | 311.000.000 Voltage Tester



OPTIONAL EXTRAS

Art.		Δ
105.101.001	Empty VDE EVA inlay for item 105.110.001, 60 × 40 cm	0.4



600 × 400 × 40 mm | Δ 1.53 kg



Art. 105.110.002

VDE inlay with screwdriver TX/ Hexagon socket 18 pcs.

VDE TX screwdriver

T6 - T7 - T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45

VDE Hexagon screwdriver

2.5 - 3 - 4 - 5 - 6 - 8 mm

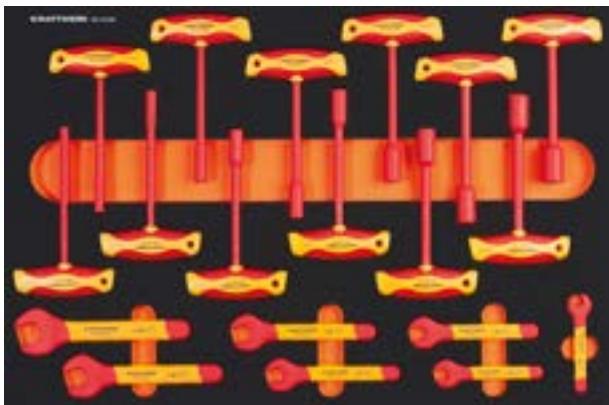


600 × 400 × 40 mm | ΔΔ 2.3 kg

**Art. 105.110.003****VDE inlay ratchet / sockets / pliers, 18 pcs.**

3/8" VDE ratchet
 3/8" VDE sockets: 8 - 10 - 12 - 13 - 14 - 17 - 19 - 22 mm
 VDE combination pliers 180 mm / 7"
 VDE Diagonal cutter: 160 mm / 6.1/2"
 VDE flat nose plier: 200 mm / 8"
 VDE wire stripping plier: 160 mm / 7"
 VDE cable knife
 VDE scissor

Art.		ΔΔ
105.101.003	Empty VDE EVA inlay for item 105.110.003, 60 × 40 cm	0.4



600 × 400 × 40 mm | ΔΔ 2.04 kg

Art. 105.110.004**VDE Inlay open end spanner / T-handle nut driver, 19 pcs.**

VDE T-handle nut driver: 4 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 -13 - 14 mm
 VDE open-ended spanners: 8 - 10 - 12 - 13 - 14 - 17 - 19 mm



615 × 415 × 450 mm | ΔΔ 2.5 kg

Art. 510.100.000**"HIGH VOLTAGE" safety and warning sign inlay, 38 pcs.**

Safety sign triangle, 2×
 Safety sign round, 1×
 Safety sign rectangular with magnet, 2×
 Safety sign rectangular with hooks 6×
 Safety sign pyramide, 1×
 Hook spare part, 4×
 Suction cup spare part, 18×
 Magnet spare part, 4××







TOOL CASES, BAGS & BOXES

PRO LINE Tool Case P300, ABS, 1/4" + 3/8", 186 pcs.

- 1/4" + 3/8" reversible ratchets
- 1/4" sockets (6ct.):
3.5 - 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
- 1/4" Bit set, 33 pcs.
- 3/8" sockets (6ct.):
10 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 mm
- Combination spanners:
5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 22 mm
- Ratchet double ring spanner reversible: 10 x 13 - 17 x 19 mm
- Screwdriver for slotted screws: 3.0 - 4.0 - 5.0 - 6.0 - 8.0 mm
- Screwdriver for Phillips screws: PH1 - PH2
- Screwdriver for TX screws : T15 - T20 - T 25 - T30
- Voltage tester
- Locksmith's hammer 300 g
- Nylon hammer 360 g
- 5 m Tape measure
- Spirit level
- Spatula
- Half-round file
- Hacksaw frame 300 mm
- Snap-off cutter with spare blades
- Combination pliers 180 mm
- Side cutters 160 mm
- Needle nose pliers 200 mm
- Water pump pliers 250 mm
- Adjustable angle wrench 250 mm / 10"
- Wire stripper 160 mm
- Universal scissors 185 mm
- Caliper 150 mm / 0-6"
- Chisel-grain puncture point chisel, 5 pcs.
- L-wrench key set TX:
T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50
- Hexagon ball point L-key wrenches set:
1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 7 - 8 - 10 mm
- Precision screwdriver bit set
- Construction spanner with profile cylinder 17 mm
- LED torch
- Carpenters pencil
- Knee and seat pad




Art.	⊕ mm	Δ kg
202.300.000	470 x 225 x 350 mm	15.85

PRO LINE Tool Case P500, 3/8", 154 pcs.


Combination spanners: 8 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 mm
 1/4" sockets (hex.): 3.5 - 4 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
 1/4" sliding handle adapter
 1/4" joint
 1/4" plug-in handle
 1/4" extension 100 mm
 3/8" reversible ratchet
 3/8" sockets (6ct.): 10 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 mm
 3/8" extension 150 mm
 3/8" sliding handle adapter
 3/8" joint
 3/8" adapter to 1/4"
 Screwdriver for slotted screws: 3 - 4 - 5 - 6 mm
 Screwdriver for Phillips screws: PH1 - PH2
 Screwdriver for TX screws: T15 - T20 - T25 - T30
 Screwdriver bit holder 1/4"
 Allen key: 1.5 - 2 - 2.5 - 4 - 5 - 6 - 7 - 8 - 10 mm
 LED torch
 Pipe wrench 240 mm
 Combination pliers 180 mm
 Side cutters 160 mm
 Radio pliers 170 mm
 Cable lug pliers 160 mm
 Universal scissors 185 mm
 Locksmith's hammer 300 g
 Nylon hammer 360 g
 Adjustable spanner
 1/4" bit holder
 3/8" bit holder
 Phase tester
 Half-round file
 Round file
 3 m Tape Measure
 Countersink bit
 Bit Box
 Telescopic magnetic pick up tool
 Hacksawframe 300 mm
 Snap-off cutter with spare blades
 Spirit level
 File set
 Phase tester
 Bar magnet



Art.	 + mm	Δ kg
202.500.001	350 × 430 × 210 mm	10.49

PRO LINE Tool Case P500 empty

Service case without foam inlay


Art.	 + mm	Δ kg
201.500.000	350 × 430 × 210 mm	3.7



PRO LINE Tool Case, 1/4", 123 pcs.

- Combination spanners: 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm
- 1/4" reversible ratchet
- 1/4" sockets (hex.):
3.5 - 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
- 1/4" extension 50 + 100 mm
- 1/4" sliding handle
- 1/4" universal joint
- 1/4" coupling for bits
- 1/4" Bit box, 33 pcs.
- Universal precision bit driver set 4 mm, 22 pcs.
- 1/4" plug-in handle
- Combination pliers 180 mm
- Side cutter 160 mm
- Needle nose pliers 200 mm
- Water pump pliers 250 mm
- LED Torch
- Hexagon ball point L-key wrenches set
1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- Locksmith's hammer 300 g
- Snap-off cutter with spare blades
- 3 m Tape Measure
- Screwdriver for slotted screws: 4 - 6 mm
- Screwdriver for Phillips screws: PH1 - PH2
- Voltage tester



Art.	 + mm	Δ kg
3944	133 × 400 × 270 mm	6.5

PRO LINE Tool Case, 1/4", with VDE tools ,123 pcs.

Combination spanners: 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm
 1/4" reversible ratchet
 1/4" sockets (hex.):
 3.5 - 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
 1/4" extension 50 + 100 mm
 1/4" sliding handle
 1/4" universal joint
 1/4" coupling for bits
 1/4" Bit box, 33 pcs.
 Universal precision bit driver set 4 mm, 22 pcs.
 LED torch
 1/4" plug-in handle
 Hexagon ball point L-key wrenches set
 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 7 - 8 - 10 mm
 VDE-combination plier 180 mm
 VDE-long noseplier 200 mm
 VDE-side cuttingnipper 160 mm
 VDE-waterpump plier 250 mm
 Slotted VDE-screwdriver 3.0 - 4.0 mm
 Phillips VDE-screwdriver PH1 + PH2
 Voltage tester
 Locksmith's hammer 300 g
 Snap-off cutter with spare blades
 3 m Tape Measure




Art.	mm	kg
3944.3	133 × 400 × 270	7.9

PRO LINE Tool Case, 1/4" + 3/8", 151 pcs.

- Combination spanners:
8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm
- 3/8" reversible ratchet
- 1/4" sockets (6ct.): 3.5 - 4 - 4.5 - 5 - 5.5 - 6 - 7 mm
- 1/4" Bit box, 33 pcs.
- Universal precision bit driver set 4 mm, 22 pcs.
- 3/8" sockets (6ct.):
8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 mm
- 3/8" Spark plug sockets 16 + 21 mm
- 3/8" Extensions 75 + 150 mm
- Bit holder socket spanner 1/4" + 3/8"
- Socket spanner joint 1/4" + 3/8"
- Adapter socket spanners 1/2" to 3/8" + 3/8" to 1/4"
- Hexagon ball point L-key wrenches set:
1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 7 - 8 - 10 mm
- Screwdriver for slotted screws: 4 - 6 mm
- Screwdriver for Phillips screws: PH1 - PH2
- Voltage tester
- Combination pliers 180 mm
- Side cutters 160 mm
- Needle nose pliers 200 mm
- Water pump pliers 250 mm
- Adjustable spanner 250 mm / 10"
- Universal-Scissors 185 mm
- Pin punch + chisel set, 5 pcs.
- LED torch
- Locksmith's hammer 300 g
- Snap-off cutter with spare blades
- Hacksaw frame 300 mm
- Pencil
- 3 m Tape Measure
- File
- Caliper digital 150 mm / 0-6"



Art.	 + mm	Δ kg
3946	323 × 433 × 149 mm	10

PRO LINE Tool Case, 1/4" + 1/2", 263 pcs.

Combination spanner: 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 mm

1/4" reversible ratchet

1/4" sockets:

3.5 - 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm

1/4" universal joint

1/4" Bit box, 33 pcs.

Universal precision bit driver set 4 mm, 22 pcs.

1/4" plug-in handle

1/4" extensions 50 + 100 mm

1/2" reversible ratchet

1/2" sockets:

10 - 13 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm

1/2" universal joint

1/2" extension 250 mm

Screwdriver for slotted screws: 4 - 5 - 6 mm

Screwdriver for Phillips screws: PH1 -PH2

Screwdriver for TX screws: T15 - T20 - T25 - T30

Voltage tester

Combination pliers 180 mm

Side cutter 160 mm

Needle nose pliers 200 mm

Water pump pliers 250 mm

Carpenter's pincers 200 mm

Crimping pliers 240 mm

Universal scissors 185 mm

Adjustable spanner 250 mm / 10"

Hacksaw frame 300 mm

2 x Snap-off cutter, with spare blades 9 + 18 mm

Pin-, taper punch and chisel set, 5 pcs.

L-wrench key set TX:

T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50

Hexagon ball point L-key wrenches set:

1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 7 - 8 - 10 mm

LED torch

Pencil

5 m Tape Measure

File

Needle file set, 6 pcs.

Telescopic magnetic pick up tool



3



Art.	mm	kg
3948	365 × 489 × 178	14.2

PRO LINE Tool Case, with BOSCH cordless drill, 12 V, 2 x 2000 mAh, 264 pcs.

BOSCH cordless drill/driver 12 V, 2 x 2000 mAh
 Combination spanner: 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm
 1/4"+1/2" reversible ratchets
 1/4" sockets (hex.):
 3.5 - 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 11 - 12 - 13 - 14 mm
 1/4" universal joint
 1/4" bit holder
 1/4" adapter to 1/2"
 1/4" extension 100 mm
 1/4" Bit box, 33 pcs.
 Universal precision bit driver set 4 mm, 22 pcs.
 1/2" sockets (6ct.):
 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm
 1/2" universal joint
 1/2" adapter to 1/4"
 1/2" extension 250 mm
 HSS-G twist drill assortment, Ø1-10/0.5 mm
 Torch LED
 5 m Tape Measure
 L-wrench key set TX:
 T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50
 Hexagon ball point L-key wrenches set:
 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 7 - 8 - 10 mm
 Rolling fork spanner 250 mm
 Hacksaw frame 300 mm
 Snap-off cutter with spare blades
 Spirit level
 Locksmith's hammer 300 g
 Punch, pointed chisel, chisel, centre punch set, 5 pcs.
 Pencil
 Universal scissors 185 mm
 Combination pliers 180 mm
 Side cutters 160 mm
 Long nose pliers 200 mm
 Cable lug pliers 240 mm
 Pipe wrench 250 mm
 Screwdriver for slotted screws: 4 - 5 - 6 mm
 Screwdriver for Phillips screws: PH1 - PH2
 Screwdriver bit holder 1/4"
 Needle file set, 6 pcs.
 Voltage tester
 Telescopic magnetic pick up tool



BOSCH



Art.	± mm	Δ kg
3949	365 × 489 × 178 mm	15



PRO LINE Tool Case P395, ABS, empty

- 2 detachable tool panels
- Adjustable dividers at the bottom
- Numerous pouches
- Compartments for documents and writing utensils

PRO LINE Tool Case P395, ABS, trolley, empty

- Telescopic rubber handle, 0 - 565 mm
- 2 inline wheels
- 2 detachable tool panels
- Adjustable dividers at the bottom
- Numerous pouches
- Compartments for documents and writing utensils



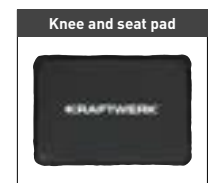
Art.	mm	kg
201.390.000	200 × 490 × 430 mm	5.48



Art.	mm	kg
201.395.000	250 × 490 × 430 mm	6

BASIC LINE Tool Case B100, ABS, 1/4" + 1/2", 170 pcs.

- Combination spanner:
- 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 mm
- 1/4" reversible ratchet
- 1/4" sockets (hexagon):
- 4 - 4.5 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 14 mm
- 1/4" extension 50 + 100 mm
- 1/4" T-handle adapter
- 1/4" universal joint
- 1/4" coupling for bits
- 1/2" reversible ratchet
- 1/2" sockets (6 pcs.):
- 13 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm
- Construction spanner with profile and round cylinder 17 + 22 mm
- Combination pliers 180 mm
- Side cutter 160 mm
- Pointed pliers 200 mm
- Water pump pliers 250 mm
- Screwdrivers for slotted screws: 3.0 - 4.0 - 5.0 - 6.0 mm
- Screwdrivers for Phillips screws: PH1 + PH2
- Screwdrivers for TX screws: T15 - T20 - T25 - T30
- Snap-off cutter with spare blades
- Telescopic magnetic pick up tool
- Voltage tester
- Hexagon ball point L-key wrenches set:
- 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 7 - 8 - 10 mm

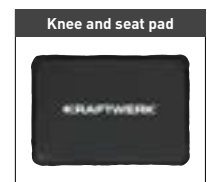


Art.	+ mm	kg
202.100.100	464 × 178 × 370 mm	14.5



BASIC LINE Tool Case B160, 3/8", with plastic tray, 3/8", 162 pcs.

- Combination spanner: 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 mm
- Screwdriver for slotted screws: 3 - 4 - 5 - 6 mm
- Screwdriver Phillips: PH0, PH1
- Screwdriver Phillips short: PH2
- Bit holder screwdriver
- Voltage tester
- Adjustable angle wrench 250 mm/10"
- Water pump pliers 250 mm
- Carpenters pincers 200 mm
- Combination pliers 180 mm
- Diagonal cutters 160 mm
- Round nose pliers 200 mm
- Universal scissors 185 mm
- Locksmith's hammer 400 g
- Needle file set, 6 pcs.
- 3/8" reversible ratchet
- 3/8" sockets (6-point): 6 - 24 mm
- 3/8" joint
- 3/8" extensions 75 + 200 mm
- 3/8" T-handle adapter
- Hexagon ball point L-key wrenches set:
1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- Snap-off cutter with spare blades
- Scraper 40 mm
- Caliper 150 mm
- 5 m Tape measure
- Carpenters pencil
- Bit set
- Hacksaw frame 300 mm
- Twist drill set HSS 1-10/0,5 mm: 1 - 10 mm
- Cross line laser, working range 20 m, 2 x AA battery
- Practical compartment for small parts
- Telescopic magnetic pick up tool
- Knee and seat pad



Art.	📏 + mm	⚖️ kg
202.160.001	490 × 190 × 380 mm	11.6

BASIC LINE Tool Case B100, ABS, empty
Without foam insert

Art.	📏 + mm	⚖️ kg
201.100.100	490 × 190 × 380 mm	3.2



BASIC LINE Tool Case B143, 1/4" + 3/8", 102 pcs.

Combination spanner: 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 mm

1/4" sockets (hexagon): 4 - 4.5 - 5 - 6 - 7 - 8 - 9 mm

3/8" reversible ratchet

3/8" sockets (hexagon):

10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 mm

3/8" extensions

3/8" adapter to 1/4"

3/8" joint

Screwdriver for slotted screws: 3 - 5

Screwdriver for Phillips screws: PH1 + PH2

Hexagon ball point L-key wrenches set:

1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm

Adjustable wrench

3 m Tape measure

Snap-off cutter with spare blades

Bit set

Hacksaw frame 300 mm

Voltage tester

Locksmith's hammer 400 g

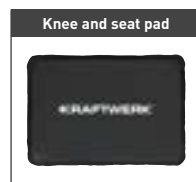
Pipe wrench 250 mm

Combination pliers 180 mm

Side cutter 160 mm

Needle nose pliers 200 mm

Knee and seat pad

**3**

Art.	+ mm	Δ kg
202.143.000	375 × 337 × 165 mm	7.9

BASIC LINE Tool Case B143, empty

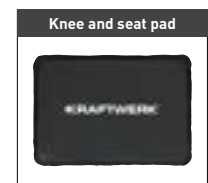
Without foam insert

Art.	+ mm	Δ kg
201.143.000	375 × 337 × 165 mm	2.7



BASIC LINE Tool Case B147, 1/4" + 1/2", 158 pcs.

- Combination spanner:
- 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 mm
- 1/4" reversible ratchet
- 1/4" sockets (hexagon):
- 4 - 4.5 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
- 1/4" extensions 50 + 100 mm
- 1/2" reversible ratchet
- 1/2" sockets (hex.):
- 10 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm
- 1/2" universal joint
- Spark plug socket spanner 16 + 21 mm
- Pipe wrench 250 mm
- Combination pliers 180 mm
- Side cutter 160 mm
- Round nose pliers 200 mm
- Snap-off cutter with spare blades
- Pointed chisel, chisel, punch, centre punch
- Half-round file
- Hacksaw frame 300 mm
- Caliper 150 mm
- Carpenters pencil
- Locksmith's hammer
- Hexagon ball point L-key wrenches set:
- 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- Spirit level
- Slotted screwdriver 4 - 6 mm
- PH screwdriver PH1 - PH2
- Bit holder screwdriver
- Phase tester
- 5 m Tape measure
- Bit set
- Precision screwdriver set
- Knee and seat pad



Art.	+ mm	Δ kg
202.147.000	470 × 200 × 375 mm	13

**BASIC LINE Tool Case B147, 3/8",
with plastic tray, 97 pcs.**

Combination spanners:

8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 mm

3/8" ratchet

3/8" sockets:

6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17

- 18 - 19 - 20 - 21 - 22 - 24 mm

3/8" extension 75 mm

Screwdriver for slotted screws: 4 - 6 mm

Screwdriver for Phillips screws: PH1 - PH2

Voltage tester

1/4" Bit box, 33 pcs.

1/4" Bit driver

Adjustable angle wrench 250 mm/10"

Water pump pliers 250 mm

Combination pliers 180 mm

Side cutter 160 mm

Flat round pliers 200 mm

Carpenters pincers 200 mm

Universal scissors 185 mm

Locksmith hammer 400 g

Carpenters pencil

Snap-off cutter with spare blades

Spirit level

Half-round file

Needle file set

Hacksaw frame 300 mm

Telescopic magnetic pick up tool



5 m Tape measure

Knee and seat pad

**3**

Knee and seat pad



Art.	 + mm	 kg
202.147.100	485 × 205 × 400 mm	10.5



BASIC LINE Tool case B147, 3/8", without Drill Screwdriver with Makita inlay, 97 pcs.

Makita inlay for model DF333DSYJ 12 V, 1500 mAh

Combination spanner:

8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 mm

3/8" reversible ratchet

3/8" sockets:

6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18

- 19 - 20 - 21 - 22 - 24 mm

Rolling spanner 250 mm

Slotted screwdriver 4 - 6 mm

PH screwdriver PH1 - PH2

Round nose pliers 200 mm

Combination pliers 180 mm

Diagonal cutters 160 mm

Locksmith's hammer 400 g

Snap-off cutter with spare blades

Spirit level

Carpenter's pencil

Half-round file

Needle file set

Hacksaw frame 300 mm

5 m Tape measure

Bit holder

Bit set

Knee and seat pad



(exclusive)

Makita

Knee and seat pad



Art.	mm	kg
202.147.300	485 × 205 × 400	9.7

BASIC LINE tool case B147, 3/8" without drill driver with Bosch insert, 97 pcs.

- Insert for Bosch model GSR 12 V-15 12 V, 1500 mAh
- Combination spanner: 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 mm
- 3/8" reversible ratchet
- 3/8" sockets:
6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 mm
- Rolling spanner 250 mm
- Slotted screwdriver 4 - 6 mm
- PH screwdriver PH1 - PH2
- Round nose pliers 200 mm
- Combination pliers 180 mm
- Diagonal cutters 160 mm
- Locksmith's hammer 400 g
- Snap-off cutter with spare blades
- Spirit level
- Carpenter's pencil
- Half-round file
- Needle file set
- Hacksaw frame 300 mm
- 5 m Tape measure
- Bit holder
- Bit set
- Knee and seat pad





(exclusive)

BOSCH

Knee and seat pad



Art.	 mm	 kg
202.147.400	485 × 205 × 400 mm	9.7

BASIC LINE tool case B147, 3/8" without drill driver with Metabo insert, 97 pcs.

Insert for Metabo model PowerMaxx BS Basic, 1500 mAh

Combination spanner:

8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 mm

3/8" reversible ratchet

3/8" sockets:

6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19

- 20 - 21 - 22 - 24 mm

Rolling spanner 250 mm

Screwdrivers for slotted screws: 4 - 6 mm

Screwdrivers for Phillips screws: PH1 - PH2

Round nose pliers 200 mm

Combination pliers 180 mm

Diagonal cutters 160 mm

Locksmith's hammer 400 g

Snap-off cutter with spare blades

Spirit level

Carpenter's pencil

Half-round file

Needle file set

Hacksaw frame 300 mm

5 m Tape measure

Bit holder

Bit set

Knee and seat pad



(exclusive)

metabo

Knee and seat pad



Art.	☞ mm	Δ kg
202.147.500	485 × 205 × 400 mm	9.7

BASIC LINE Tool Case B147, empty

Without foam insert

Art.	☞ mm	Δ kg
201.147.000	485 × 205 × 400 mm	3.6



BASIC LINE tool case B152, 1/4"+3/8", 103 pcs.

- Cordless screwdriver 7.2 V, 1500 mAh 1/4"
- Combination spanner:
8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm
- Combination spanner 250 mm
- 1/4" sockets (6 ct.): 4 - 4.5 - 5 - 5.5 - 6 mm
- 3/8" reversible ratchet
- 3/8" sockets (6 ct.):
7 - 8 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm
- 3/8" adapter to 1/4"
- 3/8" extension
- Allen key: 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm
- Side cutter 160 mm
- Combination pliers 180 mm
- Snap-off cutter with spare blades
- Bit set
- Spirit level
- Locksmith's hammer 400 g
- Hacksaw frame 300 mm
- 3 m Tape measure
- Side cutter 160 mm
- Combination pliers 180 mm
- Pipe wrench 250 mm
- Voltage tester
- Carpenter's pencil
- Screwdrivers for slotted screws: 3 - 5 mm
- Screwdrivers for Phillips screws: PH1 - PH2
- Bit holder Screwdriver
- Knee and seat pad



KRAFTWERK®



Art.	📏 + mm	⚖️ kg
202.152.000	375 × 337 × 165 mm	7.9

BASIC LINE Tool Case B152, empty

Without foam inlay

Art.	📏 + mm	⚖️ kg
201.152.000	375 × 337 × 165 mm	2.5



3.3. TOOL BAGS

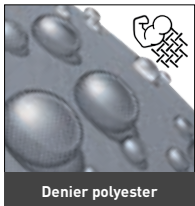


3

Tool bag

12 external and 8 internal pockets
With zipper, handle and cushioned sling with strap
Made of robust and impermeable 600 denier polyester

Art.	mm	Δ kg	L	Δ kg max.
3955	350 × 400 × 220 mm	1.5	24 l	15



Denier polyester



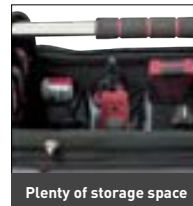
Stainless steel handle



Solid PVC flooring



Padded carrying strap, detachable



Plenty of storage space



Heavy duty tool bag with steel handle

Large storage pockets inside & out.
Fully zippable cover to keep rain & dust out.
8 deep inside pockets
14 internal elastic straps for various tools.
Solid premium steel handle with cushion grip.
Shoulder strap with cushion pad for extra comfort.
Made of sturdy and water repellent 1680 denier polyester.

Art.	mm	Δ kg	L	Δ kg max.
3958	300 × 390 × 210 mm	2.5	10 l	18

Heavy duty tool bag with steel handle

Front compartment for safe & protective storage of a saw.
8 internal elastic straps for various tools.
Fully zippable cover to keep rain and dust out.
Shoulder strap with cushion pad for extra comfort.
Made of sturdy and water repellent 1680 denier polyester

Art.	mm	Δ kg	L	Δ kg max.
3959	370 × 440 × 260 mm	3.5	40 l	23

Tool bag for electricians, VDE, equipped, 20 pcs.

VDE combination pliers 180 mm
VDE diagonal cutters 160 mm
VDE Round nose pliers 200 mm
VDE Wire strippers 160 mm
VDE slotted screwdrivers:
2.5 - 3 - 3.5 - 4 - 5.5 - 6.5 mm
VDE Phillips screwdrivers: PH1 - PH2
VDE TX screwdriver: T15 - T20
Voltage tester 110-250 V
Electrician's knife with double blade 190 mm
Electrician's scissors 140 mm
Stripping tool 142 mm
Mini saw blade
Pencil



Art.	± mm	Δ kg
3996ET	100 × 220 × 300 mm	2.1

Tool belt pouch, empty

Art.	± mm	Δ kg
2990B	100 × 220 × 300 mm	0.2



Universal tool belt, black

85 - 120 cm wide
600D polyester

Art.	± mm	Δ kg
297.299.000	85 - 120 cm max.	0.194



VDE electrician's tool bag, equipped, 20 pcs.

incl. universal tool belt, 85 - 120 cm, leer



Art.		Δ kg
208.000.000	3996ET + 297.299.000	2.66



BASIC LINE Tool Bag with Tools, 11 pcs.

Combination spanners: 8 - 10 - 12 - 13 - 14 - 17 - 19 mm
 Slotted Screwdriver 1,0 x 5,0 mm
 Phillips Screwdriver PH2
 7" Combination Pliers 180 mm
 10" Water Pump Pliers 250 mm

Art.		Pcs.	Δ kg
208.101.000	Tool bag equipped	11	1.68
208.102.000	Tool bag empty	-	0.34



300 x 280 x 220 mm | Δ 1.68 kg

BASIC LINE Tool Bag with tools , 36 pcs.

1/4" Sockets: 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
 1/4" Extension bar 50 and 100 mm
 1/4" Universal Joint
 1/4" Ratchet
 1/4" Driving handle
 1/4" Flexible extension 150 mm
 1/4" Slotted Screwdriver Bit Socket 4 - 5.5 - 6.5 mm
 1/4" Phillips Screwdriver Bit Socket PH1 and PH2
 1/4" TX Bit-Socket T8 - T10 - T15 - T20 - T25 - T27 - T30
 1/4" Hexagon Bit-Socket 3 - 4 - 5 - 6 mm
 6" Combination pliers 150 mm

Art.		Pcs.	Δ kg
208.103.000	Tool bag equipped	36	1.42
208.104.000	Tool bag empty	-	0.24



450 x 275 x 240 mm | Δ 1.42 kg



BASIC LINE Tool Bag with Tools , 41 pcs.

Combination spanners:
6 - 8 - 10 - 12 - 13 - 14 - 15 - 16 - 17 - 19 - 22 - 24 mm
1/2" Socket
10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 mm
1/2" Extension bar
1/2" Sliding T-Bar
1/2" Ratchet
Slotted Screwdriver 5.0 × 100 mm
Slotted stubby Screwdriver 6.0 × 38 mm
Phillips Screwdriver PH 2 × 100 mm
Phillips stubby Screwdriver PH 2 × 38 mm
7" combination pliers 180 mm
6.1/4" diagonal cutter 160 mm
L-key wrench set 1.5-10 mm 9 pcs.



390 × 345 × 250 mm | Δ 5.18 kg

Art.		Pcs.	Δ kg
208.107.000	Tool bag equipped	41	5.18
208.108.000	Tool bag empty	-	0.58

BASIC LINE tool bag, 57 pcs.

1/4" socket handle with square handle
1/4" bit set, 33 pcs.
Combination spanners:
8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 mm
Combination spanner 250 mm, 10", 0 - 30 mm
Combination pliers 180 mm
Water pump pliers 250 mm
Ball-end hexagon socket spanner, 9 pcs., 1.5 - 10 mm
Snap-off knife



367 × 255 × 50 mm | Δ 3 kg

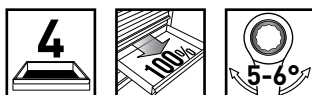
Art.		Pcs.	Δ kg
208.100.000	Tool bag equipped	57	3

BASIC LINE Toolbox, 1/4" + 1/2", 100 pcs.

1/4" Sockets: 4-14 mm
 1/4" Deep Sockets: 8,10,13 mm
 1/4" Extension: 50 mm
 1/4" Universal Joint
 1/4" Sliding Handle: 125 mm
 1/4" Driving Handle
 1/4" Ratchet
 1/4" Screwdriver Bit Sockets: 4,5,5,6,5 mm
 1/4" Screwdriver Bit Sockets: PH1 + PH2
 1/4" Screwdriver Bit Sockets: PZ1 + PZ2
 1/4" Screwdriver Bit Sockets: T10-T40
 1/4" Screwdriver Bit Sockets: 3-8 mm
 1/2" Deep Sockets: 10-32 mm
 1/2" Deep Sockets: 17-19 mm
 1/2" Spark Plug Sockets: 16-21 mm
 1/2" Universal Joint
 1/2" Extensions: 125-250 mm
 1/2" Sliding Handle Adapter: 1/2" to 3/8"
 1/2" Ratchet
 Combination Ratchet Ring Spanners: 8-19 mm
 Slotted Screwdriver
 Stubby Slotted Screwdriver: 1.1 x 6.0 mm
 Stubby Phillips Screwdriver: PH1 - PH2
 Stubby Phillips Screwdriver: PH2
 Ball Point L-Key Wrenches Set: 1.5-10 mm
 German Engineer Hammer, hickory: 300 g
 Grip pliers 250 mm/ 10"
 Combination Pliers 180 mm/ 7"
 Side cutter 160 mm/ 6.1/4"
 Telephone pliers 200 mm/ 8"
 Water pump pliers 250 mm/ 10"
 LED Flashlight



3



Art.	± mm	Δ kg
206.100.000	218 x 534 x 350 mm	20.25

Metal Tool Box, Black, 1/4" + 1/2", 106 pcs.

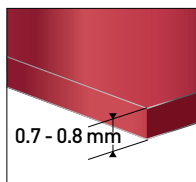
- 1/4" sockets (6 ct.):
3.5 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm
- 1/4" extension 50 mm
- 1/4" universal joint
- 1/4" reversible ratchet
- 1/4" bit set, 31 pcs.
- 1/4" screwdriver bit holder
- 1/2" sockets (6 pcs.):
10 - 13 - 14 - 15 - 16 - 17 - 18 - 19
- 21 - 22 - 24 - 27 - 30 - 32 mm
- 1/2" extension 125 mm
- 1/2" universal joint
- 1/2" reversible ratchet
- Combination spanner:
8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 mm
- TX pin spanner set, 9 pcs.: T10 - T50 mm
- Hexagon socket spanner set, 9 pcs.: 1.5-10 mm
- Slotted screwdriver: 2.5 - 5 mm
- Phillips screwdriver: PH1 - PH2
- Phase tester 110-250 V
- Combination pliers 180 mm
- Round nose pliers 200 mm
- Water pump pliers 250 mm
- Universal scissors 150 mm
- Locksmith's hammer 300 g
- Pin punch 3 mm
- Centre punch No. 2
- 3 m Tape measure



Art.	± mm	Δ kg
206.000.000	220 × 480 × 240 mm	13

Metal tool chest, empty

- Made of thick sheet steel
- 5 tool compartments
- Lock by padlock possible
- European quality product



Art.	± mm	Δ kg
3950	530 × 200 × 200 mm	6.5
3952	430 × 200 × 200 mm	5.8



WORKBENCHES & STORAGE SOLUTIONS



Made in Germany

WORKBENCHES FROM THE COMPACT SERIES

- Individually customizable
- Very robust and heavy-duty construction
- Worktops made of unoilced beech wood, glued in several layers, 40 mm thick and loadable up to 300 kg with even distribution
- Base made of robust welded sheet steel, optionally available with doors and drawers
- Central locking with cylinder lock
- Housing with perforation for possible screw connection of the workbench to the floor
- Telescopic rails with full extension
- Plastic handle strip with replaceable paper labeling strips
- The workbench is prepared for height adjustment of the worktop (only as original equipment; retrofitting not possible)

COMPACT 1500

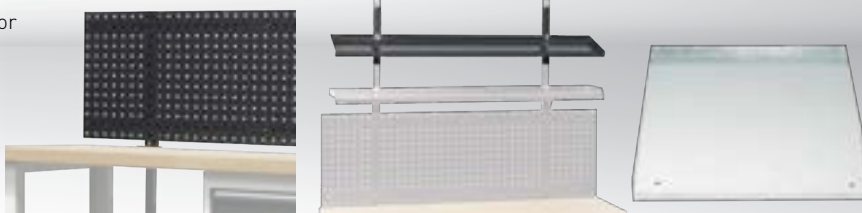


COMPACT 2000



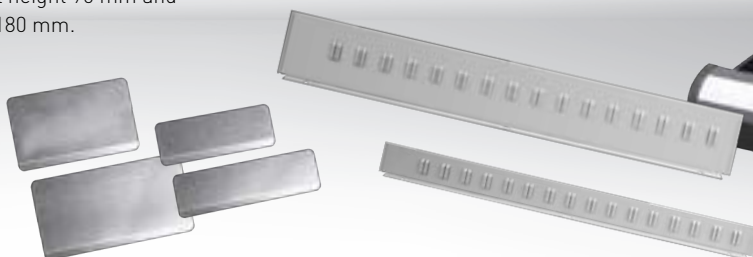
ACCESSORIES FOR 1500 + 2000

Perforated panels, storage and shelves for screwing onto the support column.



DIVISION ASSORTMENT FOR 1500 + 2000

Divider range for drawers with front panel height 90 mm and 135 mm | 180 mm.





Workbench COMPACT 1500, 2 doors, 2 drawers

Drawer width/depth 459 × 539 mm
 2 drawers x H 90 mm / 45 kg drawer load capacity
 Door 420 × 490 mm
 Load capacity storage area max. 250 kg
 Beech worktop W 1500 × D 700 mm, thickness 40 mm
 H 840 × W 1500 × D 700 mm | 97 kg

Art.	↓ mm	↔ mm	↙ mm	⚖ kg
110.150.001	840	1500	700	97



Workbench COMPACT 1500, 1 door, 4 drawers

Drawer width/depth 459 × 539 mm
 1 drawer x H 90 mm / 45 kg drawer load capacity
 3 drawers x H 180 mm
 Door 420 × 490 mm
 Load capacity storage area max. 250 kg
 beech worktop W 1500 × D 700 mm, thickness 40 mm
 H 840 × W 1500 × D 700 mm | 97 kg

Art.	↓ mm	↔ mm	↙ mm	⚖ kg
110.150.002	840	1500	700	97

4



Workbench COMPACT 1500, 2 doors, 1 drawer

Drawer width/depth 459 × 539 mm
 1 drawer x H 90 mm Load capacity 45 kg
 1 × door 420 × 490 mm
 1 × door 555 × 490 mm
 Load capacity storage area max. 250 kg
 Beech worktop W 1500 × D 700 mm, thickness 40 mm
 H 840 × W 1500 × D 700 mm | 91 kg

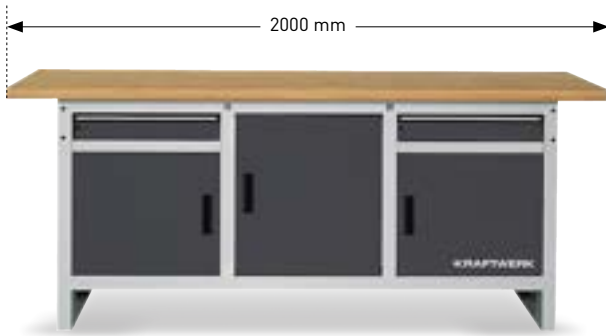
Art.	↓ mm	↔ mm	↙ mm	⚖ kg
110.150.003	840	1500	700	91



Workbench COMPACT 1500, 1 door, 3 drawers

Drawer width/depth 459 × 539 mm
 3 drawers x H 180 mm / Load capacity 45 kg
 Door 490 × 555 mm
 Load capacity storage area max. 250 kg
 Beech worktop W 1500 × D 700 mm, thickness 40 mm

Art.	↓ mm	↔ mm	↙ mm	⚖ kg
110.150.004	840	1500	700	98



Workbench COMPACT 2000, 3 doors, 2 drawers

Drawer width/depth 459 × 539 mm
2 drawers x H 90 mm Load capacity 45 kg
2 drawers x doors 420 × 490 mm
1 × door 490 × 555 mm
Load capacity storage area max. 250 kg
Beech worktop W 2000 × D 700 mm, thickness 40 mm

Art.	↑ mm	↔ mm	↙ mm	⚖️ kg
110.200.001	840	2000	700	128

Workbench COMPACT 2000, 2 doors, 3 drawers

Drawer H 459 × D 539 mm
3 drawers: H 180 mm load capacity 45 kg
2 × doors 490 × 555 mm
Load capacity evenly distributed: 300 kg
For fixed installation on the floor: 1000 kg
Beech worktop W 2000 × D 700 mm, thickness 40 mm

Art.	↑ mm	↔ mm	↙ mm	⚖️ kg
110.200.002	840	2000	700	129



Workbench COMPACT 2000, 2 doors, 4 drawers

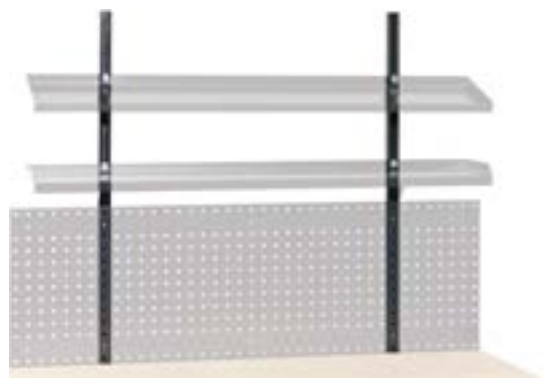
Drawer width/depth 459 × 539 mm
1 drawer x H 90 mm Load capacity 45 kg
3 drawers x H 180 mm Load capacity 45 kg
1 × door 490 × 420 mm
1 × door 490 × 555 mm
Load capacity storage area max, 250 kg
Worktop beech W 2000 × D 700 mm, thickness 40 mm

Art.	↑ mm	↔ mm	↙ mm	⚖️ kg
110.200.003	840	2000	700	135

Workbench COMPACT 2000, 2 doors, 5 drawers

Drawer width/depth 459 × 539 mm
2 drawers x H 90 mm Load capacity 45 kg
3 drawers x H 180 mm Load capacity 45 kg
2 × doors 490 × 420 mm
Load capacity storage area max, 250 kg
Beech worktop W 2000 × D 700 mm, thickness 40 mm

Art.	↑ mm	↔ mm	↙ mm	⚖️ kg
110.200.004	840	2000	700	141



Perforated plate for MyWorkplace workbench

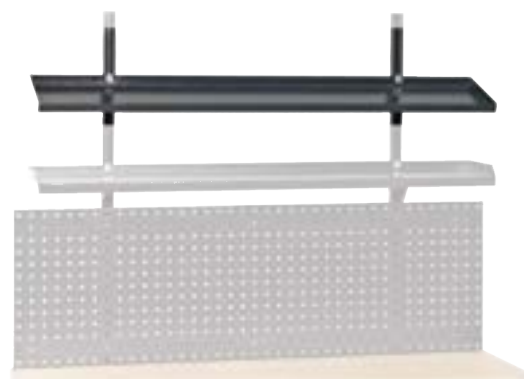
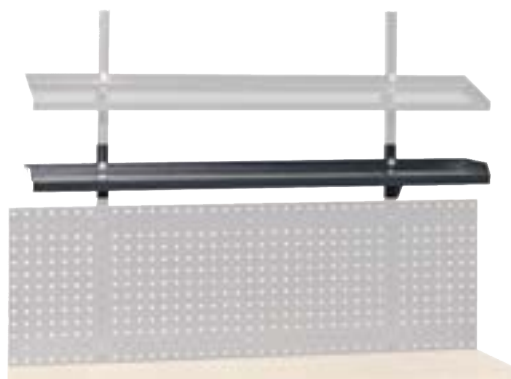
Hole size 10 × 10 mm
 Distance hole centre to hole centre 38 mm
 Vertical and horizontal
 For screwing to the support column
 Complete with mounting material

Art.	↓ mm	↔ mm	↙ mm		Δ kg
132.150.001	494	1482	12	1500	6
132.200.001	494	1976	12	2000	8

Pair of support columns


Made of C-profile, height approx. 1100 mm from top edge of workbench top.
 For fixing perforated panels and shelves, incl. fixing material
 5 kg

Art.	Δ kg
131.001.000	5



Shelf, straight, for workbench MyWorkplace

For screwing to the support column, height adjustable
 With 3-sided roll-off edge
 Required for assembly Art. 131.001.000

Art.	↔ mm	↙ mm		Δ kg
131.150.001	1393	250	1500	5.6
131.200.001	1893	250	2000	8.5

Inclined shelf for workbench MyWorkplace

Inclination 15
 For screwing to the support column, height adjustable
 With roll-off edge on all sides
 Required for assembly Art. 131.001.000

Art.	↔ mm	↙ mm		Δ kg
131.150.002	1393	250	1500	6
131.200.002	1893	250	2000	7.4

Shelf for workbench

Made of galvanised sheet steel with safety edges
 Height adjustable, incl. fixing material
 W 480 × D 550 mm | 2.5 kg

Art.	↔ mm	↙ mm	Δ kg
133.000.101	480	550	2.5





Laminated beech plywood Multiplex

Joint-free and warp-resistant
Fourfold glued laminated wood, protective glazing
250 kg load evenly distributed

Art.	mm	mm	mm	kg
135.150.001	1500	700	40	24
135.200.001	2000	700	40	32

Sheet steel cover for workbench top

Made of galvanised sheet steel 1.5 mm
For workbench tops 40 mm

Art.	mm	mm	mm	kg
135.152.001	1500	700	40	13
135.202.001	2000	700	40	17



Plastic Box Inserts

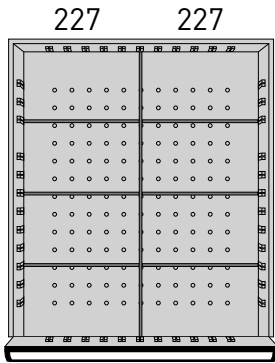
For standardised and small parts
8 × E 40 | 1 | 4 × E49 | 2 | 5 × E 40 | 3
17 pieces

Art.	mm	kg
133.102.000	1500 + 2000	0.01

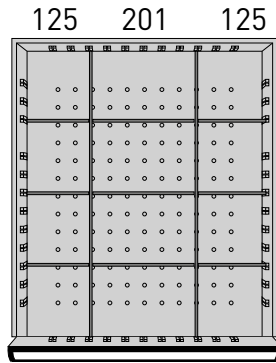
Plastic Box Inserts

For standardised and small parts
4 × E 40 | 1 | 9 × E49 | 2 | 11 × E 40 | 3
24 pieces

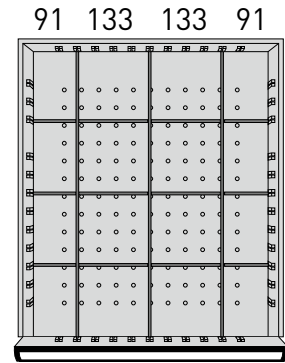
Art.	mm	kg
133.102.001	1500 + 2000	0.01



4x2



4x3



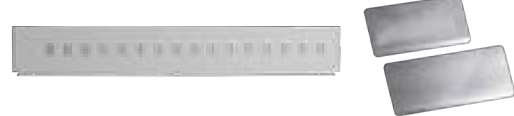
4x4



Divider assortment height 50 mm

For drawers with front panel height 90 mm
 Internal drawer dimensions: 459 x 539 mm

Art.				Δ kg
130.050.008	8	1	6	1
130.050.012	12	2	9	1.5
130.050.016	16	3	12	1.8



Divider assortment height 100 mm

For drawers with front panel height 135 mm | 180 mm
 Internal drawer dimensions: 459 x 539 mm

Art.				Δ kg
130.100.008	8	1	6	2
130.100.012	12	2	9	2.9
130.100.016	16	3	12	3.8



4



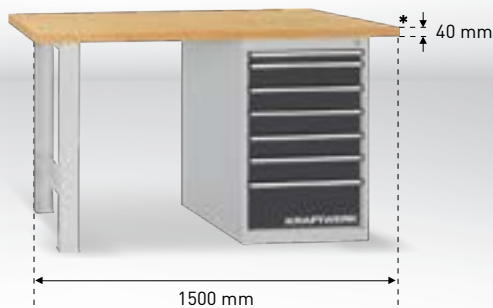
Made in Germany

WORKBENCHES FROM THE MODULAR SERIES

- From individual parts to complete workbenches - assemble workbenches according to your own wishes and ideas using the modular system
- An individually tailored workstation
Made possible by installing various drawer arrangements, sheet steel cabinets and shelves as well as extensions on or under the worktop
- Versatile combination options as a single workstation or as a multiple workbench
- Robust construction with hard-wearing work surface
- Base frame elements can be mounted on the right or be mounted on the left or right
- Adjustment of the working height using height-adjustable feet
Or use matching plinths for drawer cabinets
- To increase stability, the feet can be screwed to the floor
- Plastic handle strip with replaceable paper labeling strip

MODULAR 1500

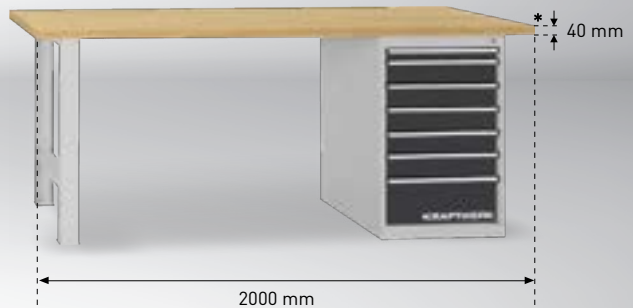
A single drawer as well as drawer units (5 or 7 drawers) can be permanently mounted on the worktable.



* 50 mm worktop thickness on customer request

MODULAR 2000

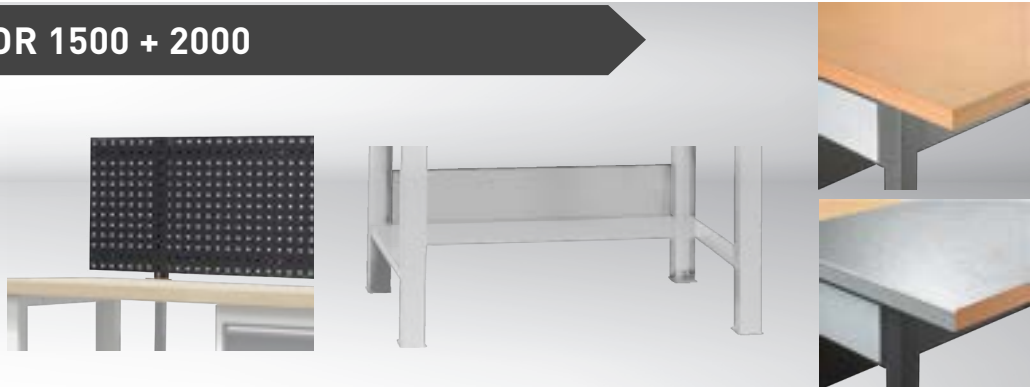
A single drawer as well as drawer units (5 or 7 drawers) can be permanently mounted on the worktable.



* 50 mm worktop thickness on customer request

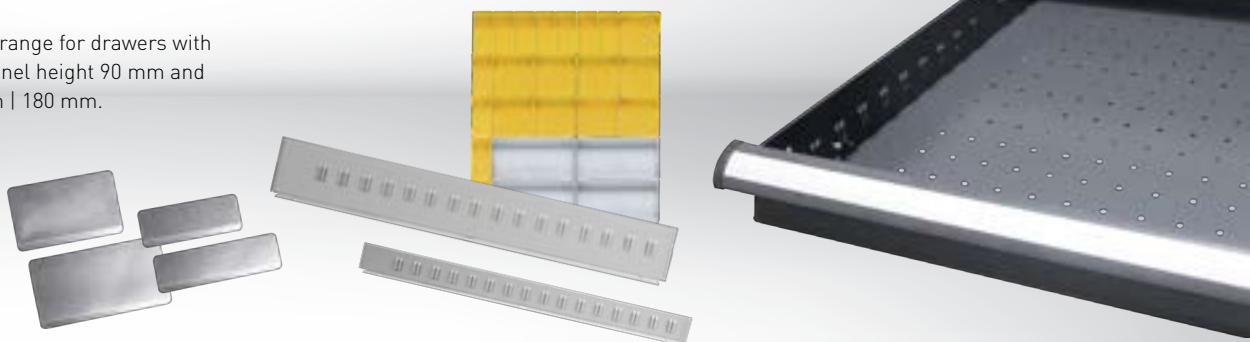
ACCESSORIES FOR 1500 + 2000

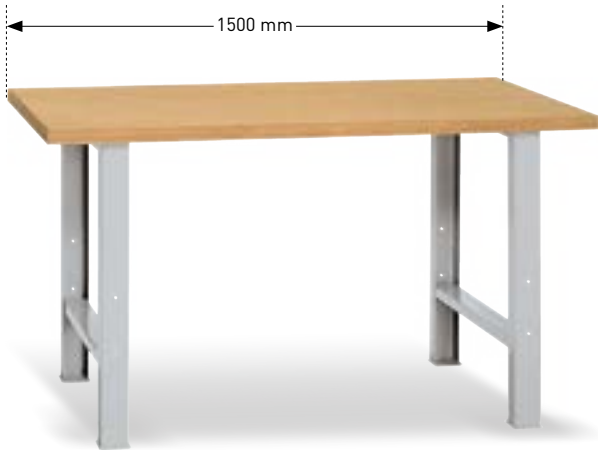
Perforated panels, storage and shelves for screwing onto the support column.



DIVISION ASSORTMENT FOR 1500 + 2000

Divider range for drawers with front panel height 90 mm and 135 mm | 180 mm.





Workbench MODULAR 1500

2 workbench feet 800 mm high (Art. 137.800.000)
 Load capacity 250 kg
 * Beech worktop W 1500 × D 700 mm, thickness 40 mm

Art.	↑ mm	↔ mm	↙ mm	⚖ kg
115.150.001	840	1500	700	47

Workbench with bottom plate MODULAR 1500

2 workbench feet (Art. 137.800.000), H 800 × D 630 mm
 2 lower shelf (Art. 138.010.124), W 1242 × D 264 mm
 Load capacity 250 kg
 * Beech worktop W 1500 × D 700 mm, thickness 40 mm

Art.	↑ mm	↔ mm	↙ mm	⚖ kg
115.150.010	840	1500	700	40.34

4

* **50 mm worktop thickness** on customer request



Workbench MODULAR 1500, 1 drawer

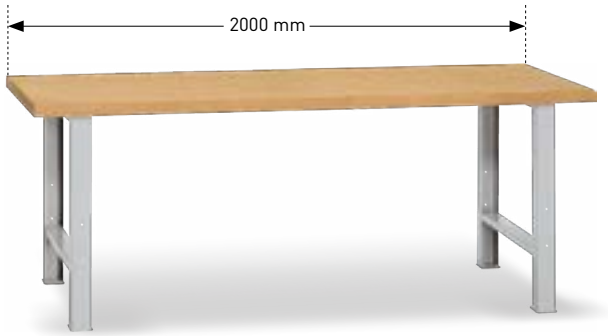
2 workbench feet 800 mm high (Art. 137.800.000)
 1 single drawer with housing
 1 × H 140 mm Load capacity 45 kg
 Load capacity 250 kg
 * Beech worktop W 1500 × D 700 mm, thickness 40 mm

Art.	↑ mm	↔ mm	↙ mm	⚖ kg
115.150.002	840	1500	700	57

Workbench MODULAR 1500, drawer box with 7 drawers

1 workbench foot 800 mm high (Art. 137.800.000)
 1 drawer box
 7 drawers 1 × H 45 mm, 5 × H 90 mm, 1 × H 180 mm Load capacity each 45 kg
 Load capacity 250 kg
 * Beech worktop W 1500 × D 700 mm, thickness 40 mm

Art.	↑ mm	↔ mm	↙ mm	⚖ kg
115.150.005	840	1500	700	97



Workbench basic model MODULAR 2000

1 workbench top Multiplex beech wood with panel
2 workbench feet 800 mm high (Art. 137.800.000)
Load capacity 250 kg

* Beech worktop W 2000 × D 700 mm, thickness 40 mm

Workbench MODULAR 2000, 1 drawer

1 workbench top Multiplex beech wood with panel
2 workbench feet 800 mm high (Art. 137.800.000)
1 single drawer with housing
1 × 140 mm, load capacity 45 kg
Load capacity 250 kg

* Beech worktop W 2000 × D 700 mm, thickness 40 mm

Art.	↑ mm	↔ mm	↙ mm	⚖ kg
115.200.001	840	2000	700	47.2

Art.	↑ mm	↔ mm	↙ mm	⚖ kg
115.200.002	840	2000	700	68

* **50 mm worktop thickness** on customer request



Workbench plate MODULAR 2000 with bottom plate

1 workbench top Multiplex beech wood with panel
2 workbench feet (Art. 137.800.000), H 800 × D 630 mm, weight 7,6 kg
2 lower shelf (Art. 138.010.174), W 1742 × D 264 mm, weight 7 kg
Load capacity 250 kg

* Beech worktop W 2000 × D 700 mm, thickness 40 mm

Workbench MODULAR 2000, drawer box with 7 drawers

1 workbench top Multiplex beech wood with panel
1 workbench foot 800 mm high (Art. 137.800.000)
1 drawer box
7 drawers | 1 × H 45 mm, 5 × H 90 mm, 1 × H 180 mm,
load capacity 45 kg
Load capacity 250 kg

* Beech worktop W 2000 × D 700 mm, thickness 40 mm

Art.	↑ mm	↔ mm	↙ mm	⚖ kg
115.200.010	840	2000	700	61.2

Art.	↑ mm	↔ mm	↙ mm	⚖ kg
115.200.005	840	2000	700	107



Workbench MODULAR 2000, 2 drawer boxes, 5 drawers each

1 workbench top Multiplex beech wood with panel
 2 drawer boxes
 5 drawers | Le 1 × H 45 mm, 1 × H 90 mm, 3 × H 180 mm
 5 shelves | Ri 1 × H 45 mm, 1 × H 90 mm, 3 × H 180 mm,
 load capacity 45 kg
 Load capacity 250 kg
 * Beech worktop W 2000 × D 700 mm, thickness 40 mm

Art.	↑ mm	↔ mm	↘ mm	Δ kg
115.200.008	840	2000	700	144

1500+2000
 Accessories + Individual components | **MODULAR 1500 + 2000**



Single drawer

Compact welding table & workbench MODULAR
 116.100.000 / 116.150.000 / 116.200.000
 Lockable
 For screw connection underneath
 Inner drawer dimensions: W 434 mm x D 539 mm
 Drawer load capacity: 60 kg
 H 152 × W 511 × D 593 mm | 4.5 kg

Art.	↑ mm	↔ mm	↘ mm	Δ kg
137.000.002	150	610	545	4.5



Drawer box with 5 drawers

For screwing underneath
 Lockable
 Drawer inside dimensions 459 × 539 mm
 1 × Height 45 mm / 1 × Height 90 mm / 3 × Height 180 mm
 Drawer load 60 kg

Art.	↑ mm	↔ mm	↘ mm	Δ kg
137.001.013	800	535	600	51



Drawer box with 7 drawers

For screwing underneath
 Lockable
 Drawer inside dimensions 459 × 539 mm
 1 × Height 45 mm / 5 × Height 90 mm / 1 × Height 180 mm
 Drawer load 60 kg

Art.	↑ mm	↔ mm	↘ mm	Δ kg
137.001.015	800	535	600	57



Laminated beech plywood Multiplex

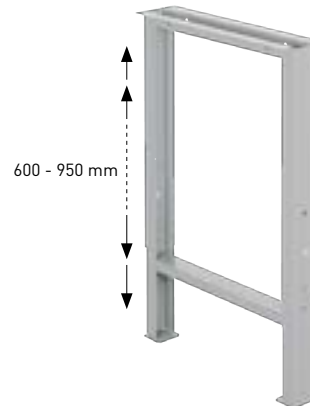
Joint-free and warp-resistant
Fourfold glued laminated wood, protective glazing
250 kg load evenly distributed

Art.	← mm	↘ mm	≡ mm	Δ kg
135.150.001	1500	700	40	24
135.200.001	2000	700	40	32

Sheet steel cover for workbench top

Made of galvanised sheet steel 1.5 mm
For workbench tops 40 mm

Art.	← mm	↘ mm	≡ mm	Δ kg
135.152.001	1500	700	40	13
135.202.001	2000	700	40	17



Workbench base

Made of sturdy U-steel profile 80 × 50 × 2 mm.
With cross connection (230 mm high), also as support for floor plates.
With drilled plate for screwing into the floor.
Mounting material included.

Art.	← mm	↘ mm	Δ kg
137.800.000	800	630	7.6
137.850.000	850	630	8

Workbench base, height adjustable

Made of sturdy U-steel profile, height adjustable in steps of 25 mm
With cross connection (230 mm high), 600 - 950 mm
Including mounting material

Art.	← mm	↑ mm	Δ kg
137.950.000	630	600 - 950	9.5



Base for drawer boxes

For drawer boxes and sheet steel cupboards
Made of sheet steel


Art.	↑ mm	← mm	↘ mm	Δ kg
137.050.000	50	533	590	2.3
137.100.000	100	533	590	4.1





Perforated plate for workbench COMPACT + MODULAR

Hole size 10 × 10 mm
 Distance hole centre to hole centre 38 mm
 Vertical and horizontal
 For screwing to the support column
 Complete with mounting material

Art.	↓ mm	↔ mm	↙ mm		⚖️ kg
132.150.001	494	1482	12	1500	6
132.200.001	494	1976	12	2000	8



Pair of support columns


Made of C-profile, height approx. 1100 mm from top edge of workbench top.
 For fixing perforated panels and shelves, incl. fixing material

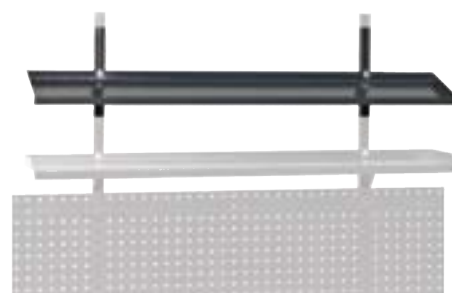
Art.	⚖️ kg
131.001.000	5



Shelf, straight, for workbench COMPACT + MODULAR


For screwing to the support column, height adjustable
 With 3-sided roll-off edge
 Required for assembly Art. 131.001.000

Art.	↔ mm	↙ mm		⚖️ kg
131.150.001	1393	250	1500	5.6
131.200.001	1893	250	2000	8.5



Inclined shelf for workbench COMPACT + MODULAR

Inclination 15°
 For screwing to the support column, height adjustable
 With roll-off edge on all sides
 Required for assembly Art. 131.001.000

Art.	↔ mm	↙ mm		⚖️ kg
131.150.002	1393	250	1500	6
131.200.002	1893	250	2000	7.4



Back panel for MODULAR + welding table

Made of powder-coated sheet steel

Art.	↔ mm	↙ mm	⚖️ kg
138.000.124	1242	12	4
138.000.174	1742	12	6



MODULAR shelf

Made of powder-coated sheet steel.
 2 shelves are required for complete storage.

Art.	↔ mm	↙ mm	⚖️ kg
138.010.124	1242	12	6.18
138.010.174	1742	12	8.5



Plastic Box Inserts

For standardised and small parts
8 × E 40 | 1 | 4 × E49 | 2 | 5 × E 40 | 3
17 pieces

Art.		
133.102.000	1500 + 2000	0.01

Plastic Box Inserts

For standardised and small parts
4 × E 40 | 1 | 9 × E49 | 2 | 11 × E 40 | 3
24 pieces

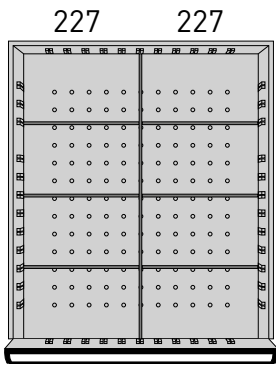
Art.		
133.102.001	1500 + 2000	0.01

Additional screw set for workbenches & drawer boxes consisting of:

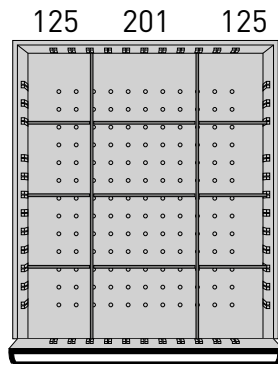
- Screws 6 × M8 × 25
- 6 × nut M8 self-locking
- 6 × washer
- 6 × body washer
- 6 × wood screw



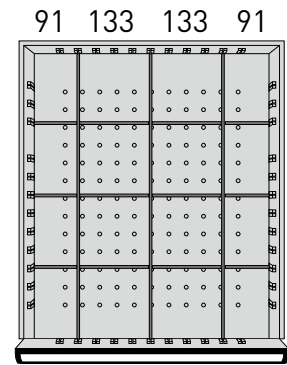
Art.	
137.000.998	0.29



4x2



4x3



4x4



Divider assortment height 50 mm

For drawers with front panel height 90 mm
 Internal drawer dimensions: 459 x 539 mm

Art.					$\Delta\Delta$ kg
130.050.008	8	1	6		1
130.050.012	12	2	9		1.5
130.050.016	16	3	12		1.8



Divider assortment height 100 mm

For drawers with front panel height 135 mm | 180 mm
 Internal drawer dimensions: 459 x 539 mm

Art.					$\Delta\Delta$ kg
130.100.008	8	1	6		2
130.100.012	12	2	9		2.9
130.100.016	16	3	12		3.8

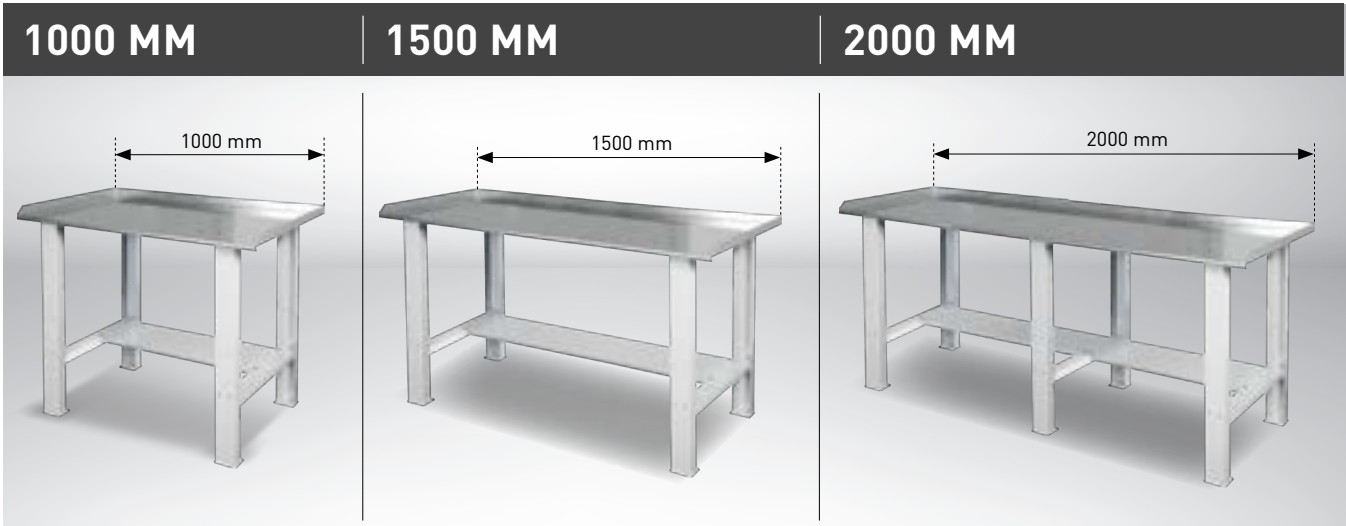




Made in Germany

WORK AND WELDING TABLES

- Manufactured in robust sheet steel construction and electrostatically powder-coated
- Corrosion-resistant work surface made of galvanized sheet steel with optimum conductivity



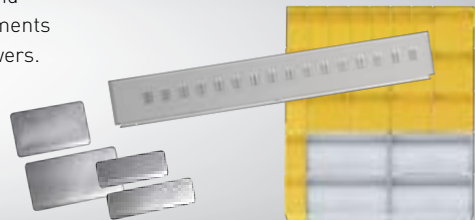
ACCESSORIES

Single drawer with central locking and shelves and back plates for screwing onto the support column.



DRAWER DIVIDERS

Insert boxes and divider assortments for single drawers.





Work and welding table, 1000 mm

Galvanized workbench top W 1000 x D 700 mm, thickness 2,5 mm, upstand 37 mm (Art. 135.100.100)
 2 workbench feet (Art. 137.800.000)
 1 shelf (Art. 138.010.100)
 Center load capacity: 150 kg, static load capacity 1500 kg

Art.	↑ mm	↔ mm	↙ mm	⚖ kg
116.100.000	840	1000	700	49



Work and welding table, 1500 mm

Galvanized workbench top W 1500 x D 700 mm, thickness 2,5 mm, upstand 37 mm (Art. 135.150.100)
 2 workbench feet 800 mm tall (Art. 137.800.000)
 1 shelf (Art. 138.010.124)
 Centre load capacity: 150 kg, static load capacity 1500 kg

Art.	↑ mm	↔ mm	↙ mm	⚖ kg
116.150.000	840	1500	700	54



Work and welding table, 2000 mm

Galvanized workbench top W 2000 x D 700 mm, thickness 2,5 mm, upstand 37 mm (Art. 135.200.100)
 3 workbench feet (Art. 137.800.000)
 1 shelf (Art. 138.010.101)
 Centre load capacity: 150 kg, static load capacity 2000 kg

Art.	↑ mm	↔ mm	↙ mm	⚖ kg
116.200.000	840	2000	700	71



Sheet steel table top for welding tables

Made of galvanised sheet steel

Art.	↓ mm	↔ mm	↙ mm	⚖ kg
135.100.100	51	700	1000	15.91
135.150.100	51	700	1500	23.278
135.200.100	51	700	2000	30.63

Single drawer

Compact welding table & workbench MODULAR

116.100.000 / 116.150.000 / 116.200.000

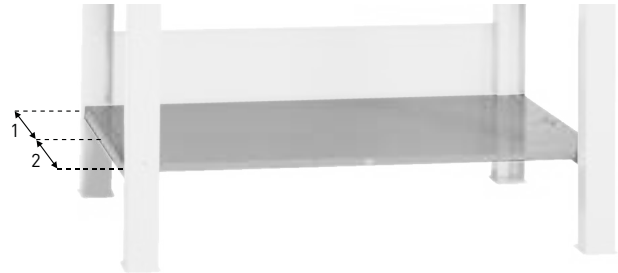
Lockable

For screw connection underneath

Inner drawer dimensions: W 434 mm x D 539 mm

Drawer load capacity: 60 kg

Art.	↓ mm	↔ mm	↙ mm	⚖ kg
137.000.002	150	610	545	4.5



Back panel for MODULAR + welding table

Made of powder-coated sheet steel

Art.	↔ mm	↙ mm	↔ mm	⚖ kg
138.000.124	1242	12	1500	4
138.000.174	1742	12	2000	6

Shelf for welding table

Art.	↔ mm	↙ mm	↔ mm	⚖ kg
138.010.100	742	12	1000	4.12
138.010.124	1242	12	1500	6.18
138.010.101	1742	12	2000	8.24

Plastic Box Inserts

For standardised and small parts

8 × E 40 | 1 | 4 × E49 | 2 | 5 × E 40 | 3

17 pieces



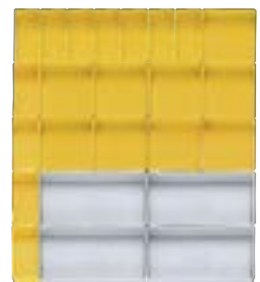
Art.	↔ mm	⚖ kg
133.102.000	1500 + 2000	0.01

Plastic Box Inserts

For standardised and small parts

4 × E 40 | 1 | 9 × E49 | 2 | 11 × E 40 | 3

24 pieces



Art.	↔ mm	⚖ kg
133.102.001	1500 + 2000	0.01

1000-2000

Additional screw set for workbenches & drawer boxes consisting of:

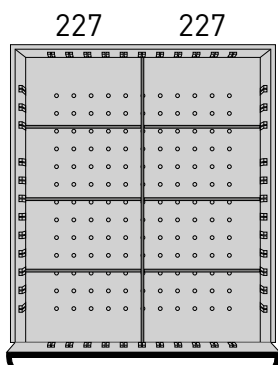
- Screws 6 × M8 × 25
- 6 × nut M8 self-locking
- 6 × washer
- 6 × body washer
- 6 × wood screw



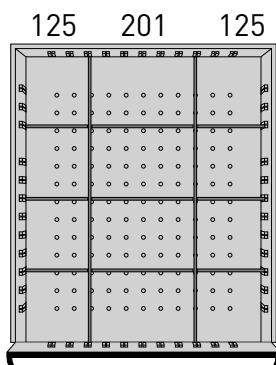
Art.	ΔΔ kg
137.000.998	0.29

Division assortment | **WORK AND WELDING TABLES 1000 - 2000**

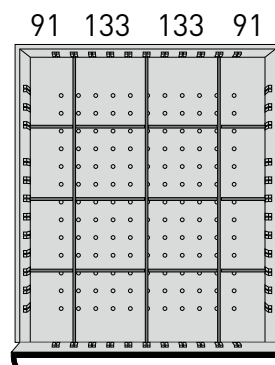
1000-2000



4x2



4x3



4x4

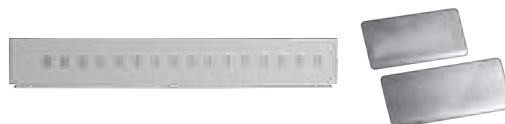
4



Divider assortment height 50 mm

For drawers with front panel height 90 mm
 Internal drawer dimensions: 459 × 539 mm

Art.				ΔΔ kg
130.050.008	8	1	6	1
130.050.012	12	2	9	1.5
130.050.016	16	3	12	1.8



Divider assortment height 100 mm

For drawers with front panel height 135 mm | 180 mm
 Internal drawer dimensions: 459 × 539 mm

Art.				ΔΔ kg
130.100.008	8	1	6	2
130.100.012	12	2	9	2.9
130.100.016	16	3	12	3.8



Workbenches

With height adjustable feet, 880 - 930 mm
3 cm thick multiplex board, splash-proof, dirt-repellent and to an extent oil and grease resistant
Max. load capacity 150 kg

Art.	↑ mm	← mm	↙ mm	Δ kg
7526	880 - 930	1600	600	54
7527	880 - 930	1600	800	66



Work bench

In solid steel sheet structure
Multiplex beech worktop with additional protection by linseed oil paint
2 drawers with ball-bearing guide rails, H 93 × W 457 × D 423 mm, load capacity 20 kg per drawer
1 large drawer with ball bearings H 93 × W 921 × D 423 mm, load capacity 30 kg
Perforated wall and wall cabinet offer additional space
Maximum load capacity 80 kg
Supplied in individual parts with assembly instructions



Art.	↑ mm	← mm	↙ mm	Δ kg
3962	1585	1145	635	43



Worktop

Beech multiplex for workbench 3962



Art.	↑ mm	← mm	↙ mm	Δ kg
3962-99	25	1138	577	9.9

Made in Germany

WALL CABINETS

- Rear panel with square perforations
- For safe and organized storage of tools and small parts
- Sturdy sheet steel construction with security cylinder lock
- Can be quickly rearranged as required
- Door can be hinged on the right or left as required
- Modular system of individual elements enables maximum variability and simplifies assembly



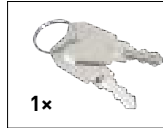
Delivered without tools



Delivered without tools

Tool wall cabinet

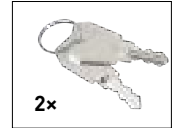
1 compartment
 1 storage compartment
 incl. screw set for connecting several elements



Art.	↓ mm	↔ mm	↙ mm	⚖ kg
122.050.000	750	500	200	14

Tool wall cabinet

2 compartments, consisting of 2 modules
 2 shelves



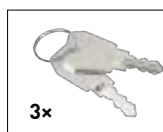
Art.	↓ mm	↔ mm	↙ mm	⚖ kg
122.100.000	750	1000	200	22



Delivered without tools

Tool wall cabinet

3 compartments, consisting of 3 modules
 3 shelves



Art.	↓ mm	↔ mm	↙ mm	⚖ kg
122.150.000	750	1500	200	39



Shelf

For 122.050.000, 122.100.000 and 122.150.000
 Load capacity 50 kg
 Made of galvanised sheet steel, 1.5 mm thickness

Art.	↓ mm	↔ mm	↙ mm	⚖ kg
122.050.901	10	500	200	0.1



Art. 901.104.006

Retaining clip for shelves

For hinged-door cabinets and mobile workbenches



Made in Germany

HINGED DOOR CABINET

- Made of quality sheet steel, welded construction, with reinforced doors and 3-point safety lock
- The shelves are height-adjustable and made of galvanized sheet steel



Hinged door cabinet

3-point locking
4 x shelf, height adjustable,
925 x 550 x 600 mm
Load capacity per shelf 50 kg

Art.	↑ mm	↔ mm	↙ mm	⚖ kg
121.190.004	1900	950	600	94



Shelf made of galvanized sheet steel

For Art. 121.190.004
Load capacity 50 kg
Thickness 1.5 mm

Art.	↑ mm	↔ mm	↙ mm	⚖ kg
901.104.003	25	550	925	4.7



Art. 901.104.006

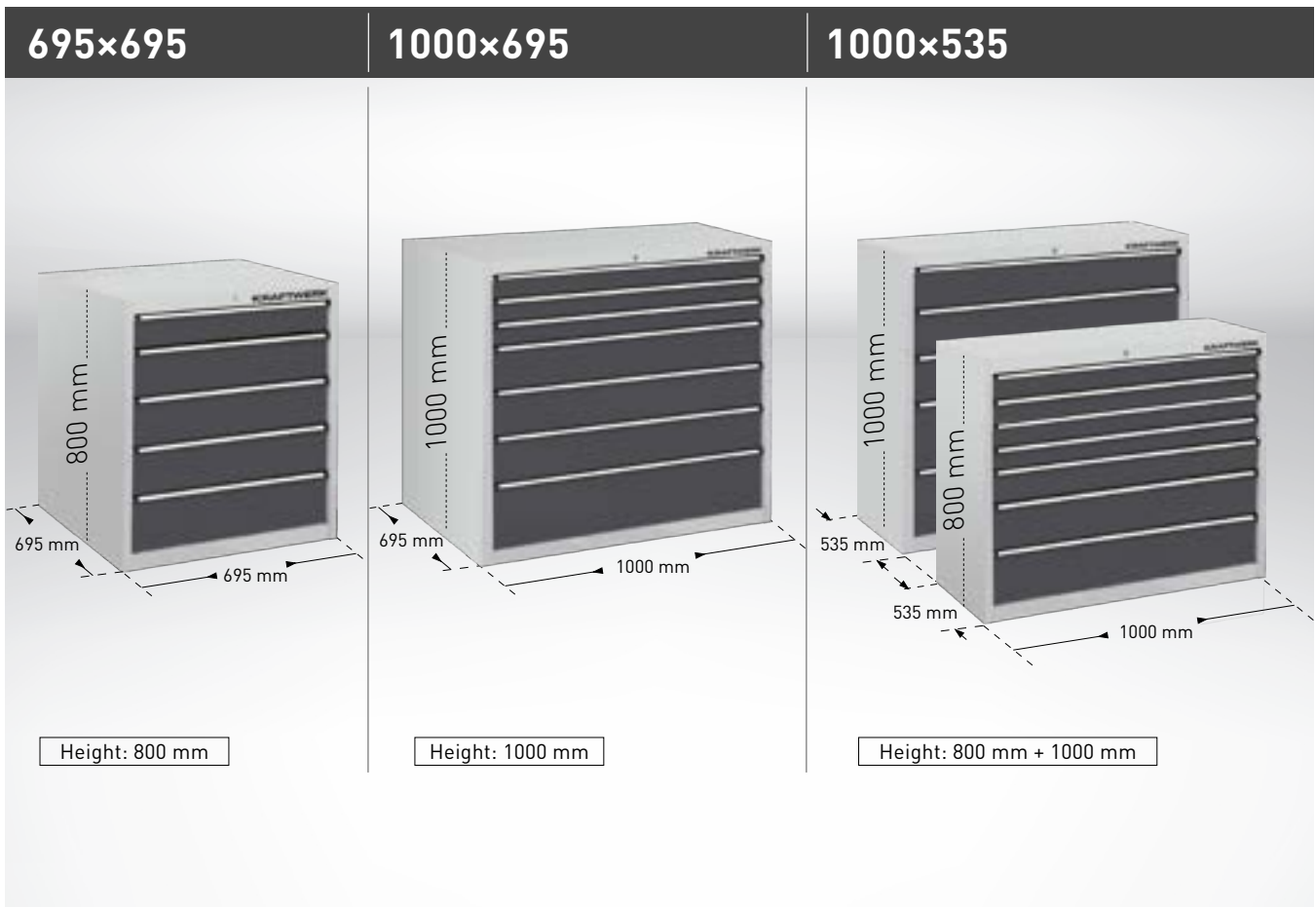
Retaining clip for shelves

For hinged-door cabinets and mobile workbenches

Made in Germany

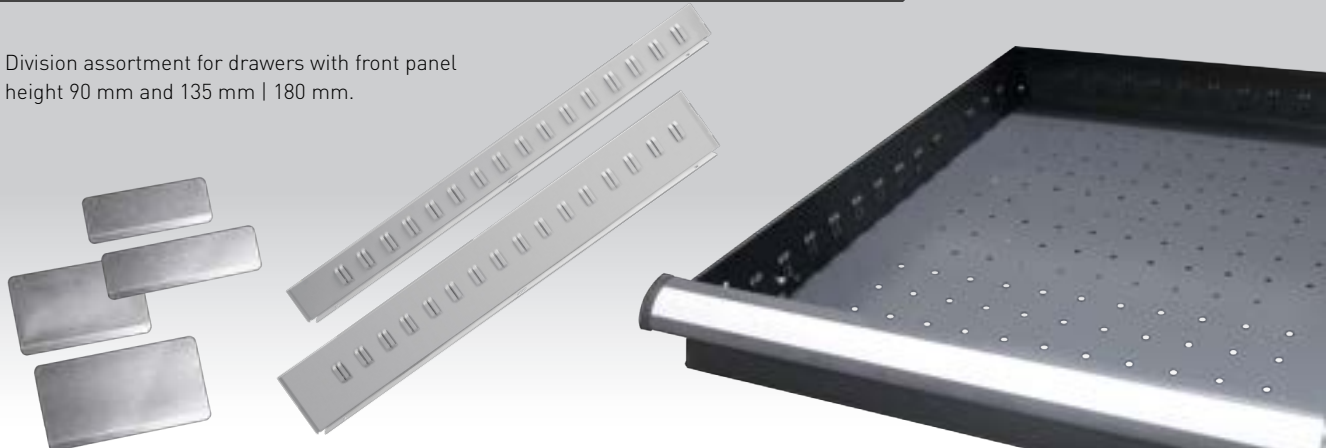
DRAWER CABINETS

- For clear and organized storage
- Made of robust sheet steel construction and electrostatically powder-coated
- Central locking with cylinder lock and 2 keys
- Individual pull-out protection for the drawers
- Ensures the greatest possible stability and tilt resistance
- Plastic handle strip with replaceable paper labeling strips
- Slots and perforated base make it easy to attach a large selection of compartments and compartments and holders for various tools available
- Drawer extension for easy access to tools and small parts
- Drawers with full-extension runners



DIVISION ASSORTMENT

Division assortment for drawers with front panel height 90 mm and 135 mm | 180 mm.





Drawer cabinet with 5 drawers

Height 800 mm
5 drawers with full extension, load capacity 100 kg
Inside drawer dimensions: 612 × 612 mm
1 drawer × H 100 mm
4 drawers × H 150 mm



Drawer cabinet with 6 drawers

Height 800 mm
6 drawers with full extension, load capacity 100 kg
Inside drawer dimensions: 612 × 612 mm
2 drawers × H 75 mm
1 drawer × H 100 mm
3 drawers × H 150 mm



Art.	↑ mm	↔ mm	↗ mm	⚖ kg
140.080.002	800	695	695	94

Art.	↑ mm	↔ mm	↗ mm	⚖ kg
140.080.004	800	695	695	95

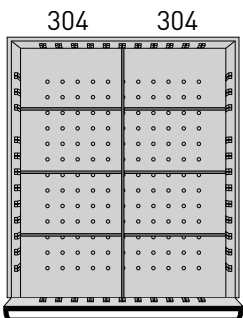
ABS cover

Accessories for drawer cabinets 695×695 mm

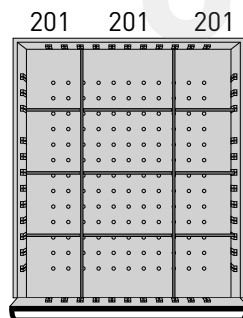


Art.	↔ mm	↗ mm	⚖ kg
133.000.001	695	695	0.25

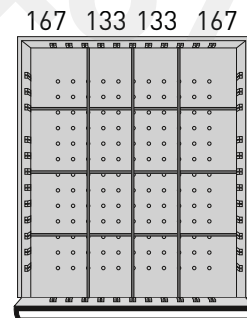
Division assortment | 695×695



4x2



4x3



4x4

Divider assortment with height 50 mm

For drawers with front panel height 90 mm
drawer inside dimensions 612 × 612 mm



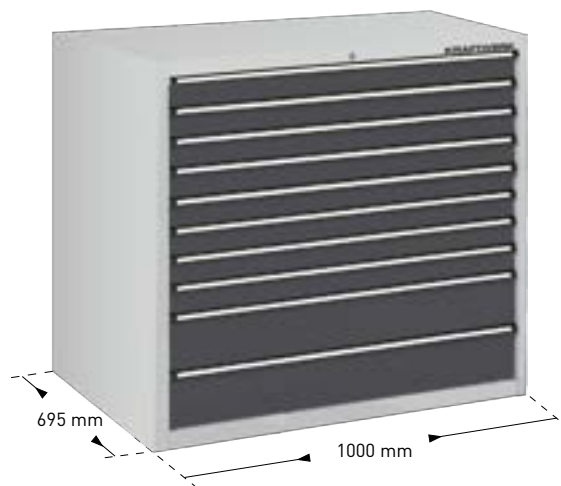
Art.	Grid	●●●●●	□	⚖ kg
130.003.008	8	1	6	1.3
130.003.012	12	2	9	1.8
130.003.016	16	3	12	2.8

Divider assortment with height 100 mm

For drawers with front panel height 135 | 180 mm,
drawer inside dimensions 612 × 612 mm



Art.	Grid	●●●●●	□	⚖ kg
130.004.008	8	1	6	2.6
130.004.012	12	2	9	3.7
130.004.016	16	3	12	4.6



Drawer cabinet with 7 drawers

Height 1000 mm
 7 drawers with full extension, load capacity 100 kg
 Internal drawer dimensions: 918 × 612 mm
 3 drawers × H 75 mm
 3 drawers × H 150 mm
 1 drawer × H 225 mm



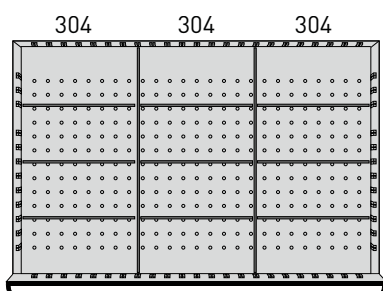
Drawer cabinet with 10 drawers

Height 1000 mm
 10 drawers with full extension, load capacity 100 kg
 Internal drawer dimensions: 918 × 612 mm
 8 drawers × H 75 mm
 2 drawers × H 150 mm

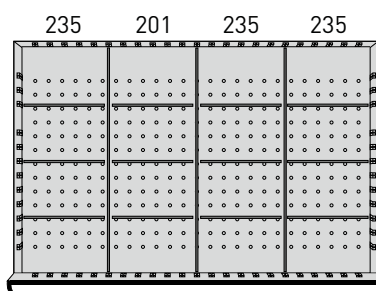


Art.	↑ mm	↔ mm	↙ mm	Δ kg
141.100.006	1000	1000	695	108

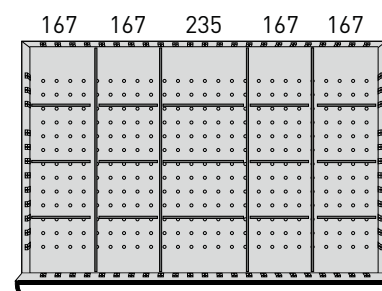
Art.	↑ mm	↔ mm	↙ mm	Δ kg
141.100.010	1000	695	1000	123



4x3



4x4



4x5

Divider assortment height 50 mm

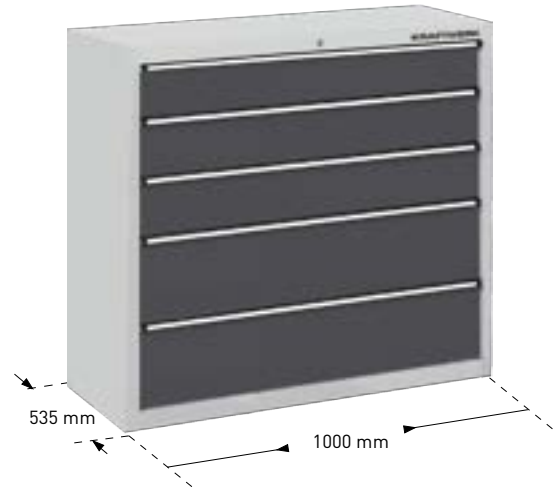
For drawers with front panel height 75 mm | 100 mm
 Drawer inside dimensions 918 × 612 mm

Art.	Grid	Grid	Grid	Δ kg
130.005.012	12	2	9	2
130.005.016	16	3	12	2.7
130.005.020	20	4	15	3

Divider assortment height 100 mm

For drawers with front panel height 135 mm | 180 mm
 Drawer inside dimensions 918 × 612 mm

Art.	Grid	Grid	Grid	Δ kg
130.006.012	12	2	9	4.15
130.006.016	16	3	12	5.2
130.006.020	20	4	15	6.2



Drawer cabinet with 7 drawers

Height 800 mm

7 drawers with full extension, load capacity 100 kg

Internal drawer dimensions: 918 × 459 mm

4 drawers × H 75 mm

1 drawer × H 100 mm

2 drawers × H 150 mm



Art.	↑ mm	↔ mm	↙ mm	⚖️ kg
142.080.002	800	1000	535	102

Drawer cabinet with 5 drawers

Height 1000 mm

5 drawers with full extension, load capacity 100 kg

Internal drawer dimensions: 918 × 459 mm

3 drawers × H 150 mm

2 drawers × H 225 mm



Art.	↑ mm	↔ mm	↙ mm	⚖️ kg
142.100.001	1000	1000	535	95



Drawer cabinet with 7 drawers

Height 1000 mm

7 drawers with full extension, load capacity 100 kg

Internal drawer dimensions: 918 × 459 mm

3 drawers × H 75 mm

3 drawers × H 150 mm

1 drawer × H 225 mm



Art.	↑ mm	↔ mm	↙ mm	⚖️ kg
142.100.002	1000	1000	535	108

Drawer cabinet with 8 drawers

Height 1000 mm

8 drawers with full extension, load capacity 100 kg

Internal drawer dimensions: 918 × 459 mm

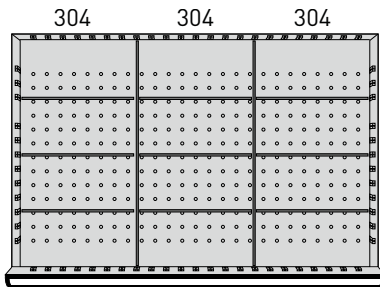
5 drawers × H 75 mm

2 drawers × H 150 mm

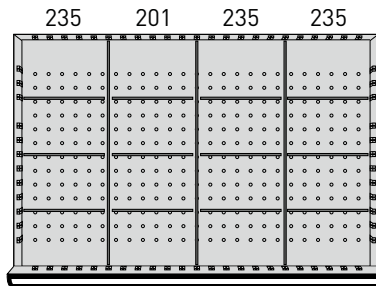
1 drawer × H 225 mm



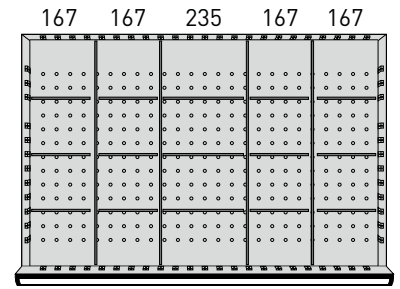
Art.	↑ mm	↔ mm	↙ mm	⚖️ kg
142.100.003	1000	1000	535	115



4x3



4x4



4x5

Divider assortment with height 50 mm

For drawers with front panel height 90 mm
 Drawer inside dimensions 918 x 459 mm



Art.				$\Delta\Delta$ kg
130.007.012	12	2	9	2.2
130.007.016	16	3	12	2.7
130.007.020	20	4	15	3.15

Divider assortment with height 100 mm

For drawers with front panel height 135 | 180 mm
 Drawer inside dimensions 918 x 459 mm



Art.				$\Delta\Delta$ kg
130.008.012	12	2	9	4.15
130.008.016	16	3	12	5.2
130.008.020	20	4	15	6.2



ORDER

No more searching!
Design your workshop according to your own wishes with customized tool insert modules.

FLEXIBILITY

Freestanding and stable construction.
No fixing necessary and therefore very flexible to set up.

EXTENDABLE

The workshop grows with your needs -
expand your workspace at any time with the modules you need. Each one can be ordered individually.

ACCESSORIES

Wide range of accessories for the back panels with square perforations for clear storage of your tools.



SET UP DIRECTLY ON SCREEN!

Planning and furnishing has never been so easy!

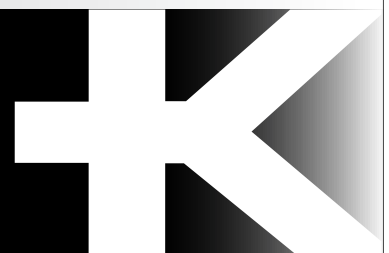
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With our **3D Mobilio configurator**, you can configure your dream workshop until it suits you!

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MOBILIO WORKSHOP EQUIPMENT SYSTEM

1 | Spacious tall and hinged door cupboards

Sturdy and lockable tall and hinged door cupboards, each including 4 shelves with a load capacity of 40 kg each.

2 | One-key solution

With our one-key solution, it is possible to retrofit all locks with the same lock number so that only one key is needed.

3 | Base units with central locking

Individually lockable ball-bearing mounted drawers of different heights with full-extension runners. The right solution for everyone.

4 | Mobile roller drawer cabinet

7 ball-bearing mounted drawers with full-extension runners. Two practical handles on the front simplify maneuvering for flexible working.

5 | Corner unit

Optimum use of space thanks to spacious corner top and bottom units. This means that no space is lost unnecessarily and „dead corners“ are used perfectly.

6 | Worktops

In 2 different versions: Beech multiplex, made of beech wood or corrosion-resistant stainless steel 430.

7 | Wall cabinets

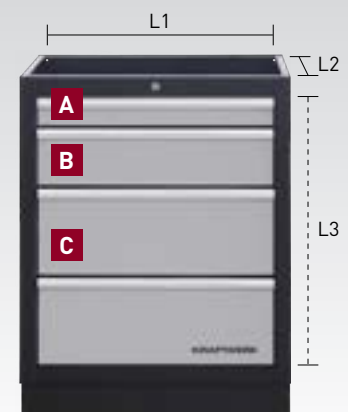
with gas struts for easier opening and quiet closing. Also available with roller shutters or hinged doors.

8 | Back panels

with square perforations for clearly visible and handy storage of tools. Generous range of tool hooks and holders available.

9 | Lighting

The flexible LED under-cabinet lights in 2 sizes ensure optimum illumination of your work surface. (magnetic or bracket mount)
The lights can be connected in series.



Drawer dimensions of:

3964-04 (2C+1B+1A)

3964-05 (4B+1A)

3964-13 (9A)

3964-14 (7A+1B)

3964-15 (6A+1B)

3964-28 (1A+1C)

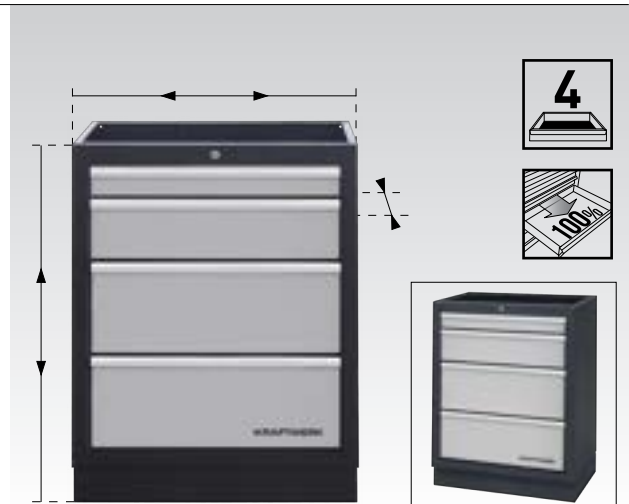
	L1 (mm)	L2 (mm)	L3 (mm)
A	560	404	58
B	560	404	138
C	560	404	207



MOBILIO cupboard unit, 2-door

Base cabinet centrally lockable, with 2 doors and 1 shelf
Housing supplied pre-assembled

Art.	↑ mm	↔ mm	↙ mm	ΔΔ kg
3964-03	910	680	458	29.4



MOBILIO drawer cabinet, 4 drawers

Base cabinet with central locking
4 ball-bearing mounted drawers with full-extension runners, individually lockable
1 × H 58 mm
1 × H 138 mm
2 × H 207 mm
Housing supplied pre-assembled

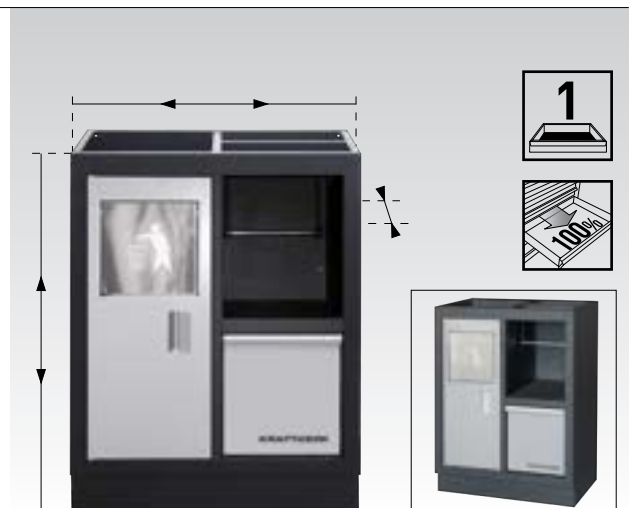
Art.	↑ mm	↔ mm	↙ mm	ΔΔ kg
3964-04	910	680	458	46.7



MOBILIO drawer cabinet, 5 drawers

Base cabinet with central locking
5 ball-bearing mounted drawers with full-extension runners, individually lockable
1 × H 58 mm
4 × H 138 mm
Housing supplied pre-assembled

Art.	↑ mm	↔ mm	↙ mm	ΔΔ kg
3964-05	910	680	458	41

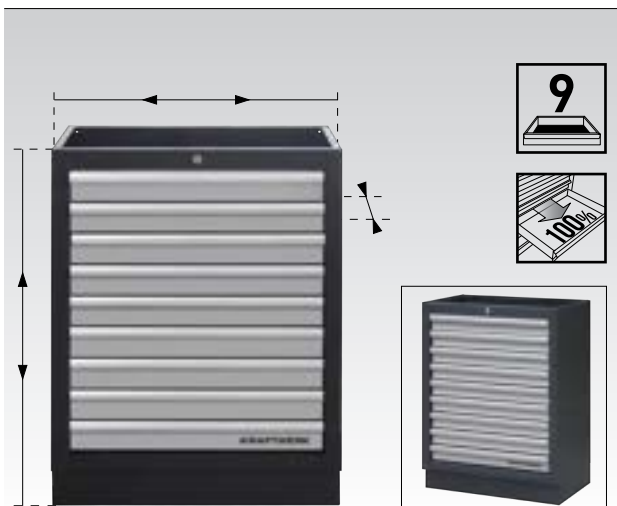


MOBILIO base cabinet with waste garbage can and paper holder

Base cabinet with integrated waste garbage can with flap and cleaning roll holder, as well as a ball-bearing drawer with full-extension runners, H 295 mm
Housing supplied pre-assembled

Art.	↑ mm	↔ mm	↙ mm	ΔΔ kg
3964-11	910	680	458	37

4.2. MOBILIO WORKSHOP EQUIPMENT SYSTEM



MOBILIO drawer cabinet, 9 drawers

Base cabinet with central locking
 9 ball-bearing mounted drawers with full-extension runners,
 individually lockable
 9 × H 58 mm
 Housing supplied pre-assembled

Art.	↑ mm	↔ mm	↗ mm	⚖ kg
3964-13	910	680	458	55



MOBILIO drawer cabinet, 8 drawers

Base cabinet with central locking
 8 ball-bearing mounted drawers with full-extension runners,
 individually lockable
 7 × H 58 mm
 1 × H 138 mm
 Housing supplied pre-assembled

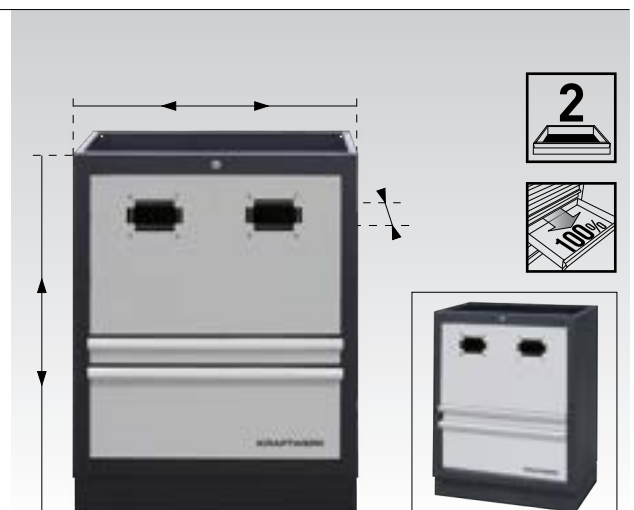
Art.	↑ mm	↔ mm	↗ mm	⚖ kg
3964-14	910	680	458	52.5



MOBILIO roller drawer cabinet, 7 drawers

Base cabinet with central locking
 Handles for maneuvering at the front
 Two fixed and swivel castors with brakes
 7 ball-bearing mounted drawers with full-extension runners,
 individually lockable
 6 × H 58 mm
 1 × H 138 mm
 Housing supplied pre-assembled

Art.	↑ mm	↔ mm	↗ mm	⚖ kg
3964-15	862	646	458	51



MOBILIO base cabinet for cable and hose reels

Base cabinet with central locking
 Provides storage space for 2 hose reels
 (suitable from the KRAFTWERK range Art. 31041)
 2 ball-bearing mounted drawers with full-extension runners
 1 × H 75 mm
 1 × H 232 mm
 Housing supplied pre-assembled

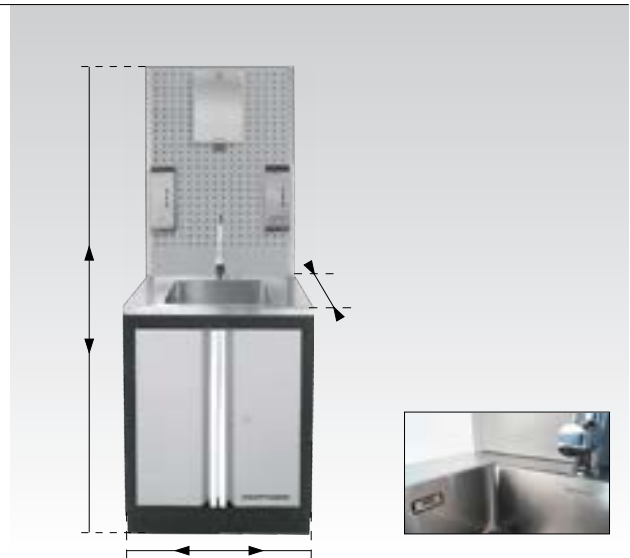
Art.	↑ mm	↔ mm	↗ mm	⚖ kg
3964-28	910	680	458	37.88



MOBILIO corner base unit with door

Lockable corner base unit, with 1 door
Including 1 shelf
Serves as a connection for attaching a left or right angled wall unit
(can be attached on the left or right)
Supplied unassembled

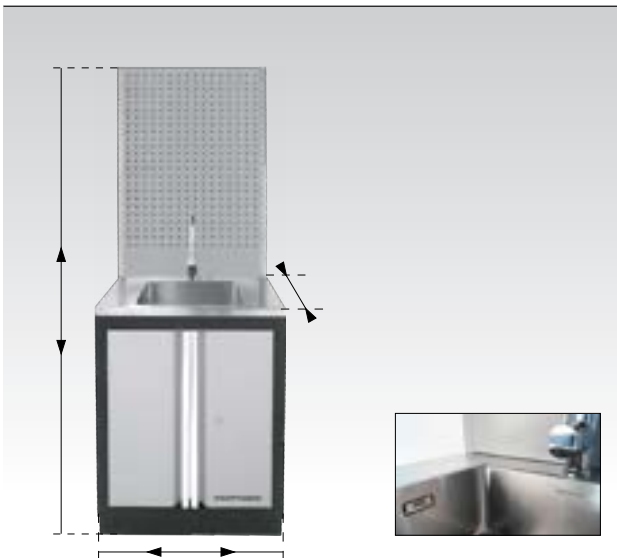
Art.	↑ mm	┌ mm	↗ mm	♻️ kg
3964-16	910	864	458	42



KRAFTWERK base unit with stainless steel sink

Contents:
1 × 150.000.011 INOX stainless steel sink AIS304
1 × 808.100.101 Stainless steel disinfectant dispenser, contactless
1 × 808.100.102 Stainless steel soap dispenser, contactless
1 × 808.100.201 Stainless steel paper roll dispenser
1 × 808.100.104 Perforated wall with square perforation made of INOX
1 × 3964-03 MOBILIO cabinet furniture 2-door, incl. 1 shelf
2 × 3964-10 MOBILIO external connecting rod for perforated panel

Art.	↑ mm	┌ mm	↗ mm	♻️ kg
150.500.002	1962	680	615	52.04



KRAFTWERK base unit with stainless steel sink

Contents:
1 × 150.000.011 INOX stainless steel sink AIS304
1 × 808.100.104 Perforated wall with square perforation made of INOX
1 × 3964-03 MOBILIO cabinet furniture 2-door, incl. 1 shelf
2 × 3964-10 MOBILIO external connecting rod for perforated panel

Art.	↑ mm	┌ mm	↗ mm	♻️ kg
150.500.003	1962	680	615	47.1

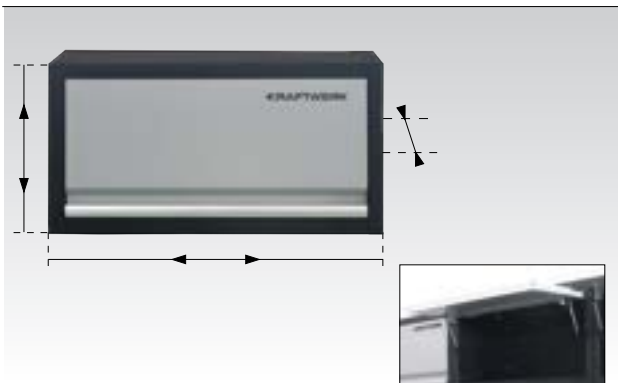


Stainless steel sink

incl. taps, sieve and water hoses
Siphon not included in the scope of delivery.

Art.	↑ mm	┌ mm	↗ mm	♻️ kg
150.000.011	210	680	465	9.4

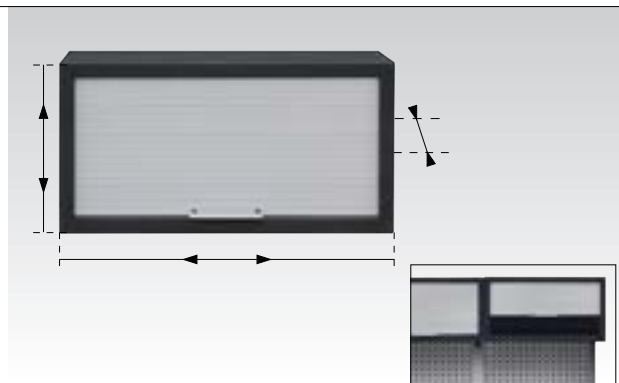
4.2. MOBILIO WORKSHOP EQUIPMENT SYSTEM



MOBILIO wall unit with gas suspension

Additional practical storage space
 For mounting on the perforated wall (incl. screws)
 Also suitable for mounting directly on the wall
 Supplied fully assembled

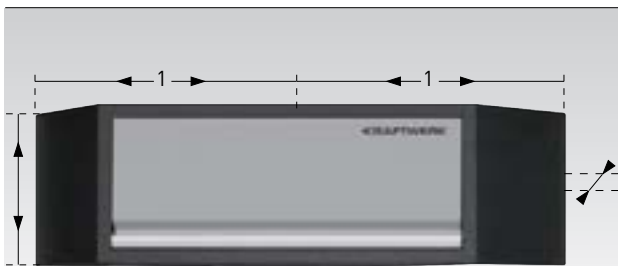
Art.	↑ mm	→ mm	↙ mm	⚖ kg
3964-01	350	680	281	10



MOBILIO wall unit with roller shutter

Additional practical storage space
 For mounting on the perforated wall (incl. screws)
 Also suitable for mounting directly on the wall
 Supplied fully assembled

Art.	↑ mm	→ mm	↙ mm	⚖ kg
3964-19	350	680	281	8.4



MOBILIO corner wall unit with gas suspension

Corner wall unit provides additional storage space and stabilizes the corner of a workshop corner combination
 (suitable for base cabinet 3964-16)
 Supplied fully assembled



Art.	↑ mm	↘ mm	↙ mm	⚖ kg
3964-25	350	865	281	21



MOBILIO wall cabinet, 2-door

Lockable hinged door cabinet for additional storage space
 For mounting on the perforated wall (incl. screws)
 Also suitable for mounting directly on the wall
 Supplied fully assembled

Art.	↑ mm	→ mm	↙ mm	⚖ kg
3964-27	680	680	300	16





MOBILIO tall cabinet, with door

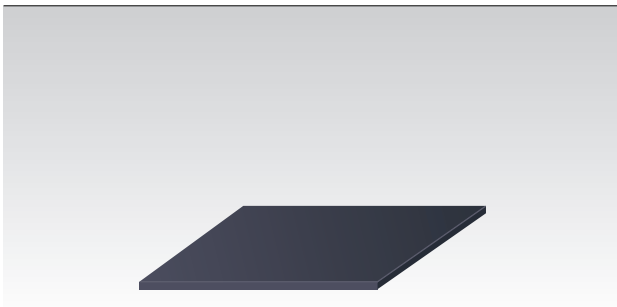
Lockable larder unit, with 1 door and 4 shelves
Can be fitted on the left or right side
Door can be mounted on the left or right
Supplied unassembled

Art.	↑ mm	← mm	↙ mm	ΔΔ kg
3964-02	2000	600	458	53

MOBILIO tall cabinet, 2-door

Lockable larder unit, with hinged doors and 4 shelves
Can be fitted on the left or right side
Supplied unassembled

Art.	↑ mm	← mm	↙ mm	ΔΔ kg
3964-12	2000	915	458	74



MOBILIO shelf for 3964-02

Load capacity 40 kg

Art.	↑ mm	← mm	↙ mm	ΔΔ kg
3964-02-07	20	590	430	0.3



MOBILIO shelf for 3964-12

Load capacity 40 kg

Art.	↑ mm	← mm	↙ mm	ΔΔ kg
3964-12-01	20	905	430	0.8

4.2. MOBILIO WORKSHOP EQUIPMENT SYSTEM



MOBILIO workshop cabinet, wide, 7 drawers and cupboard

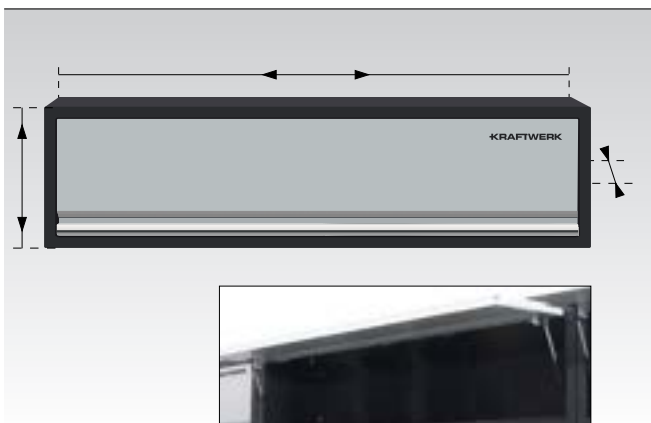
Lockable cupboard and drawers
 7 ball-bearing mounted drawers with full-extension runners
 1 × W 1250 | H 105 mm
 5 × W 785 | H 70 mm
 1 × W 785 | H 150 mm
 Housing supplied pre-assembled

Art.	↓ mm	← mm	↘ mm	Δ↑ kg
3964-02-W	949	1360	458	101.3

MOBILIO workshop cabinet, wide, 7 drawers and 2 pull-outs

With central locking, 7 ball-bearing mounted drawers with full-extension runners
 1 × W 1250 | H 105 mm
 5 × W 785 | H 70 mm
 1 × W 785 | H 150 mm
 Housing supplied pre-assembled

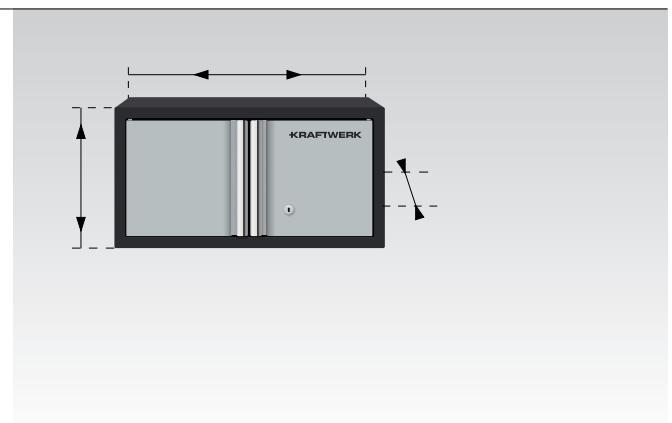
Art.	↓ mm	← mm	↘ mm	Δ↑ kg
3964-03-W	949	1360	458	100



MOBILIO wall unit, wide, with gas lift

Additional practical storage space
 For mounting on the perforated wall (incl. screws)
 Also suitable for mounting directly on the wall
 Supplied fully assembled

Art.	↓ mm	← mm	↘ mm	Δ↑ kg
3964-01-W	350	1360	281	18



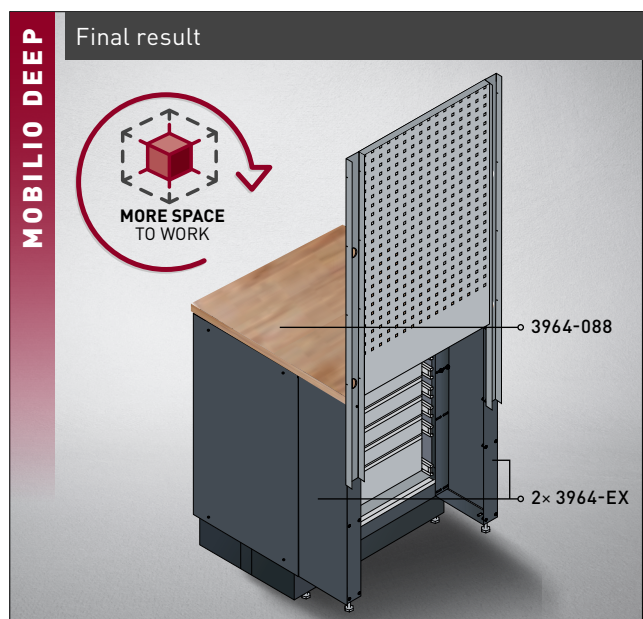
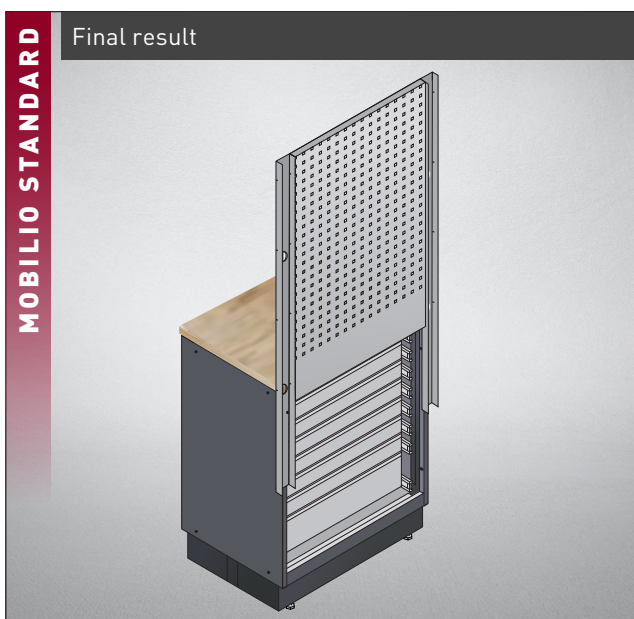
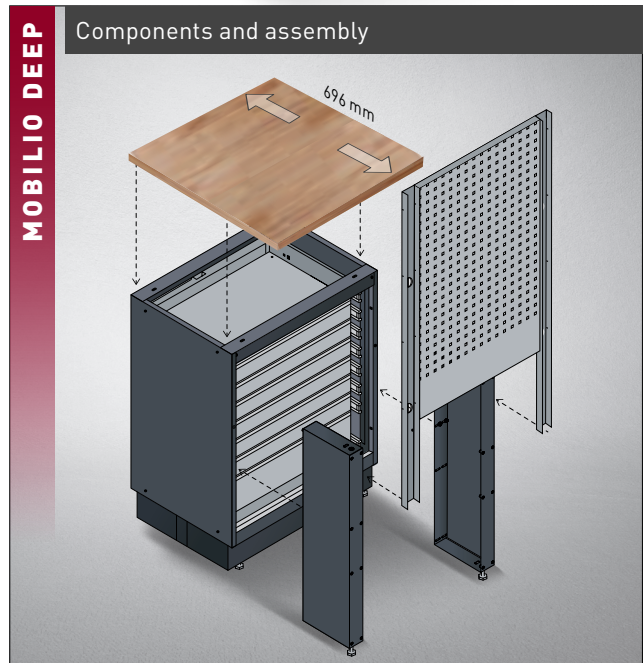
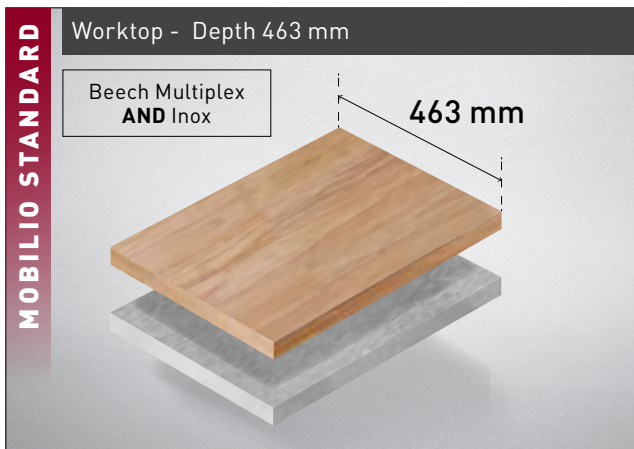
MOBILIO wall unit, wide, 2-door

Additional practical storage space
 For mounting on the perforated wall (incl. screws)
 Also suitable for mounting directly on the wall
 Supplied fully assembled

Art.	↓ mm	← mm	↘ mm	Δ↑ kg
3964-31	350	680	281	9

Worktop extension with MOBILIO DEEP

To increase the depth of the work surface, all components are also optionally available to extend our standard base units and thus increase variability.



4.2. MOBILIO WORKSHOP EQUIPMENT SYSTEM

















**BEECH MULTIPLEX**

- Made from several layers of rotary-cut veneers (bonded with glue)
- Veneers are laid crosswise
- Material: beech wood
- High strength & dimensional stability
- Natural look









**STAINLESS STEEL 430**

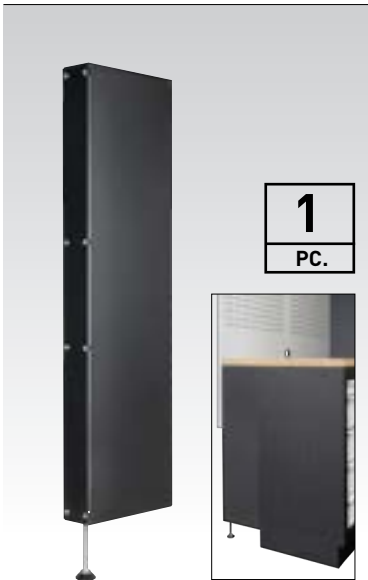
- Density: 7.70 g/cm³
- Ferritic steel
- Chromium content of 17%
- Good corrosion resistance
- Good polishability
- Good resistance to water, water vapor, humidity
- Good resistance to weak organic and inorganic acids and alkalis

WORKTOPS - DEPTH 463 MM

Art.	Material		± mm (H/W/D)		Δ kg
3964-08		For 1 furniture unit	35 × 680 × 463		8.53
3964-09		For 2 furniture units	35 × 1361 × 463		17.18
3964-18		For 3 furniture units	35 × 2050 × 463		24
3964-16-99		For corner unit 3964-16	35 × (1) 865 × (2) 463		19
3964-20		For 1 furniture unit	38 × 680 × 463		10.5
3964-21		For 2 furniture units	38 × 1361 × 463		21
3964-22		For 3 furniture units	38 × 2041 × 463		31.8
3964-23		For corner unit 3964-16	38 × (1) 865 × (2) 463		17.8

WORKTOPS - DEPTH 696 MM

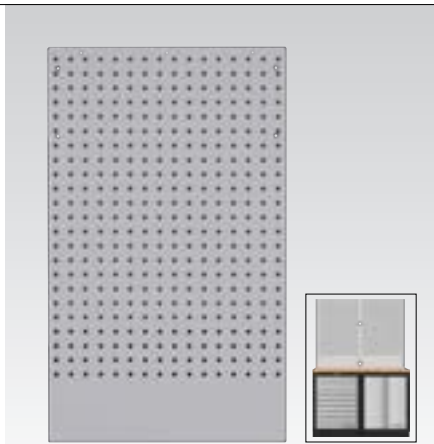
Art.	Material		± mm (H/W/D)		Δ kg
3964-088		For 1 furniture unit	35 × 680 × 696		12.58
3964-099		For 2 furniture units	35 × 1361 × 696		25.18
3964-188		For 3 furniture units	35 × 2041 × 696		29.86
3964-16-999		For corner unit 3964-16	35 × (1) 1097 × (2) 696		37.76



MOBILIO console for worktop extension

Suitable for all Mobilio base units, can only be used in combination with extended worktops with a depth of 690 mm
Powder-coated in matt black.
Scope of delivery 1 pc.

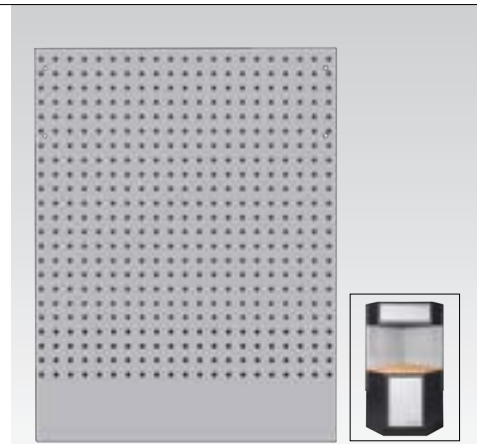
Art.	Δ kg
3964-EX	3



MOBILIO perforated tool wall with square holes

For easy installation on all base units using the connecting rods or external frame elements (not included) for a free-standing design.
Tool hooks and holders can be attached to the perforated wall to keep everything clearly arranged and within easy reach.
Also suitable for mounting directly on the wall.

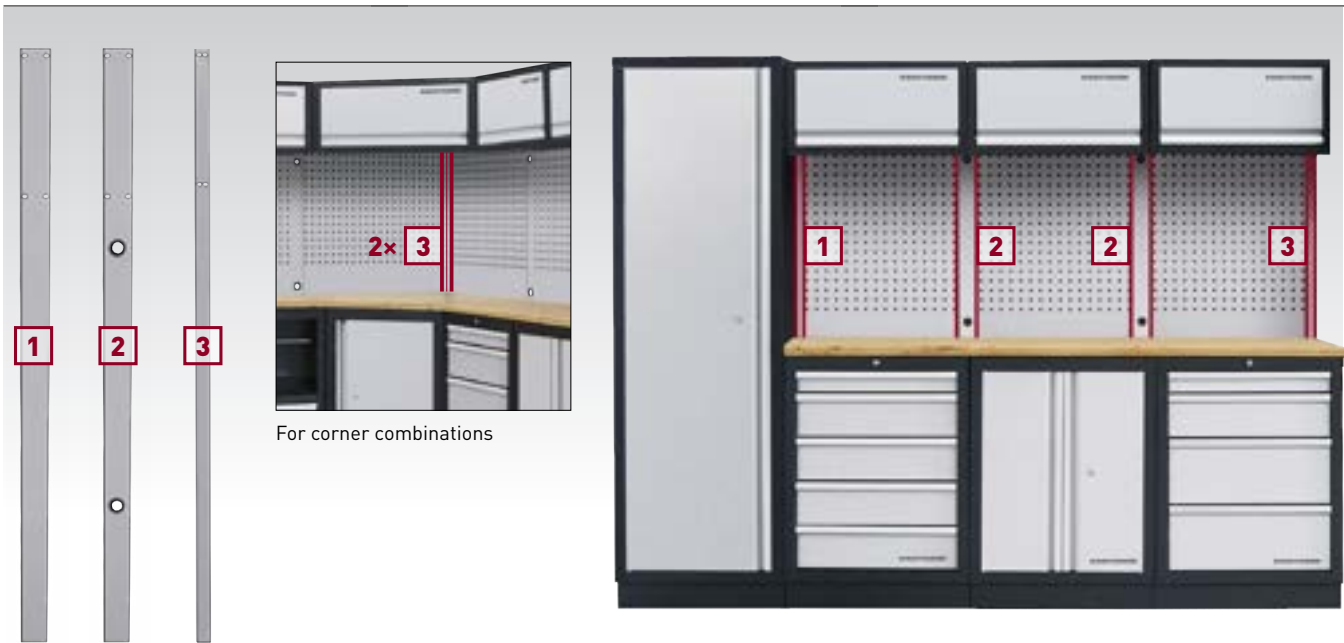
Art.	↑ mm	↔ mm	↙ mm	Δ kg
3964-29	1052	315	24	5.3



MOBILIO perforated tool wall with square holes

For easy installation on all base units using the connecting rods or external frame elements (not included) for a free-standing design.
Tool hooks and holders can be attached to the perforated wall to keep everything clearly arranged and within easy reach.
Also suitable for mounting directly on the wall.

Art.	↑ mm	↔ mm	↙ mm	Δ kg
3964-30	1052	798	24	6.7



For corner combinations

Art.		↑ mm	↔ mm	↙ mm	Δ kg
3964-24	1 Internal Connector (for 2 elements) Connecting rod of the perforated tool panel for 2 elements, without cable opening	1420	65	30	1.4
3964-07	2 Middle Connector (for 2 elements) Connecting rod of the perforated tool panel for 2 elements, with cable opening	1420	65	30	1.98
3964-10	3 External Connector (for outer frame) Provides a clean finish to a perforated tool panel or furniture element	1420	33	30	1.5

4.2. MOBILIO WORKSHOP EQUIPMENT SYSTEM



Adjustable feet for Mobilio furniture with M10 thread

Set consisting of 4 pieces

Enables height adjustment of the furniture elements

Art.	↑ mm	↔ mm	↘ mm	ΔΔ kg
145.100.800	150	150	40	0.7



Cylinder lock and 2 keys

One-Key-Solution

Art.	
3964-03-07	Suitable for furniture with doors (lock 90°): 3964-02 / 3964-03 / 3964-12 / 3964-16
3964-04-10	Suitable for furniture with drawers (lock 180°): 3964-04 / 3964-05 / 3964-13 / 3964-14 / 3964-15 / 3964-28



LED downlights in 2 sizes

Flexible use

Magnetic or bracket mounting

Can be connected in series

With 230V / 5 m mains cable

On/off switch

5000 Kelvin

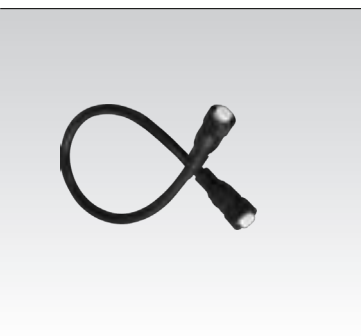
IP65

IK08

Included in scope of delivery:



Art.		Energy A-G	↔ mm	↑ mm	↘ mm	ΔΔ kg
32077-60	LED downlight 20 W SMD LED, 59 cm 1800 lumen	D	590	124	43	1.2
32077-120	LED downlight 40 W SMD LED, 120 cm 3600 lumen	E	1200	124	43	2.3



Connecting cable, 35 cm

Several downlights can be connected and interconnected using the 35 cm long connecting cable.

For art. 32077-60 and 32077-120.

Art.	ΔΔ kg
32077-CONN	0.19

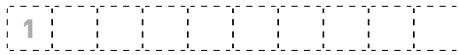
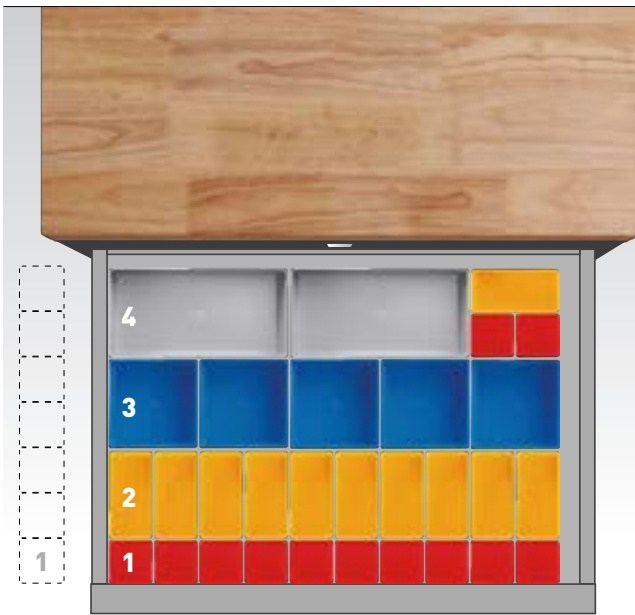


Power cable 230 V / 5 m

For articles 32077-60 and 32077-120.

Art.	ΔΔ kg
32077-MC	2.05



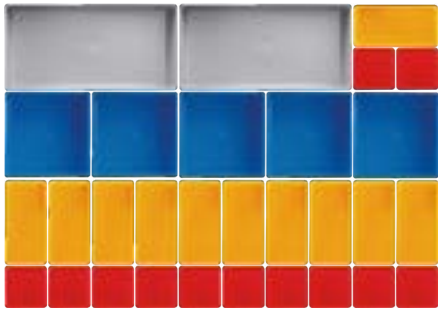


1 drawer height: 7 × insert bin no. 1
1 drawer width: 10 × insert bin no. 1



Art.		H 11 mm
198.000.018	Insert bin no. 1-45	45
198.000.019	Insert bin no. 2-45	45
198.000.020	Insert bin No. 3-45	45
198.000.021	Insert bin No. 4-45	45

Art.		H 12 mm
198.000.022	Insert bin No. 1-63	63
198.000.023	Insert bin No. 2-63	63
198.000.024	Insert bin No. 3-63	63
198.000.025	Insert bin No. 4-63	63



Insert bin set, 30 pcs.

Arrangement ideal for one drawer
12× insert bin no. 1, red
11× insert bin no. 2, yellow
5× insert bin no. 3, blue
2× insert bin no. 4, grey

Art.		mm
198.001.001		45



Insert bin set, 21 pcs.

Arrangement ideal for one drawer
6× insert bin no. 1, red
6× insert bin no. 2, yellow
5× insert bin no. 3, blue
4× insert bin no. 4, grey

Art.		mm
198.001.002		45

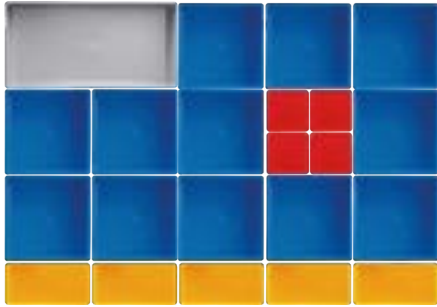


Insert bin set, 23 pcs.

Arrangement ideal for one drawer
12× insert bin no. 1, red
3× insert bin no. 2, yellow
3× insert bin no. 3, blue
5× insert bin no. 4, grey

Art.		mm
198.001.003		45

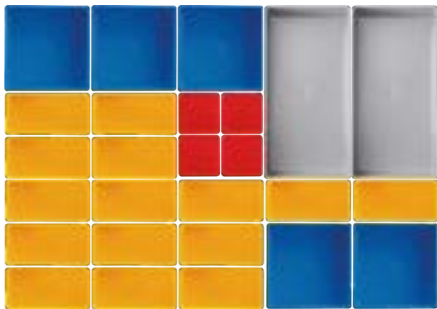
4.2. MOBILIO WORKSHOP EQUIPMENT SYSTEM



Insert bin set, 22 pcs.

Arrangement ideal for one drawer
 4× insert bin no. 1, red
 5× insert bin no. 2, yellow
 12× insert bin no. 3, blue
 1× insert bin no. 4, grey

Art.	mm
198.001.004	45



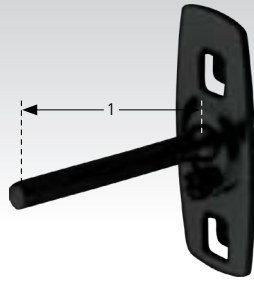
Insert bin set, 26 pcs.

Arrangement ideal for one drawer
 4× insert bin no. 1, red
 13× insert bin no. 2, yellow
 5× insert bin no. 3, blue
 2× insert bin no. 4, grey

Art.	mm
198.001.005	45

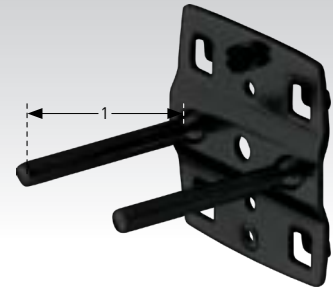


Tool hook,
with straight mandrel



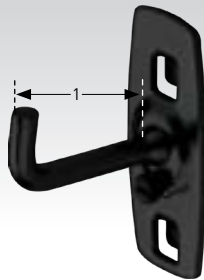
Art.	1 mm	Ø mm	Δ kg
145.100.050	50	6	0.07
145.100.102	102	6	0.04
145.100.150	150	6	0.05

Double hook,
with straight rods



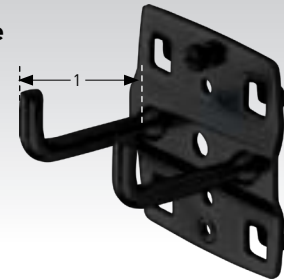
Art.	1 mm	Ø mm	Δ kg
145.110.050	50	6	0.07
145.110.102	102	6	0.09
145.110.150	150	6	0.12

Narrow right-angled hook



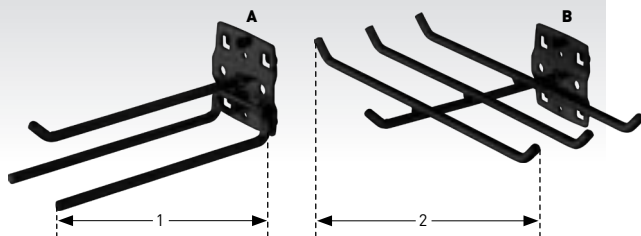
Art.	1 mm	Ø mm	Δ kg
145.111.035	35	6	0.03
145.111.070	70	6	0.04
145.111.135	135	6	0.05

Double hook right angle



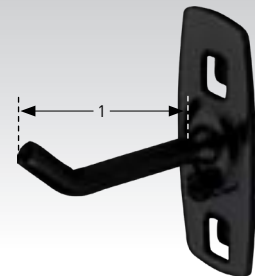
Art.	1 mm	Ø mm	Δ kg
145.112.035	35	6	0.08
145.112.050	50	6	0.09
145.112.075	75	6	0.09
145.112.150	150	6	0.1

3-or 6-legged bracket



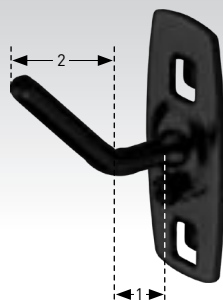
Art.		1 mm	2 mm	Ø mm	Δ kg
145.113.045	A	150	45	6	0.15
145.113.140	B	140	240	6	0.23

Hook with inclined shaft



Art.	1 mm	Ø mm	Δ kg
145.120.050	50	6	0.03
145.120.100	100	6	0.04
145.120.150	150	6	0.05
145.120.200	200	6	0.06

Inclined Hook for inserts



Art.	1 mm	2 mm	Ø mm	Δ kg
145.121.040	15	35	6	0.03

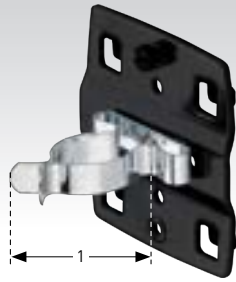
Tool Pliers
Single



Art.	Ø mm	Δ kg
145.122.006	6	0.02
145.122.010	10	0.02
145.122.013	13	0.02
145.122.016	16	0.02
145.122.019	19	0.02

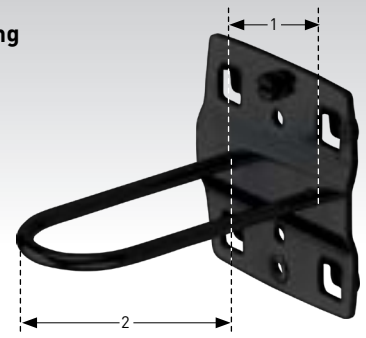
4.2. MOBILIO WORKSHOP EQUIPMENT SYSTEM

Tool clamp
wide base plate



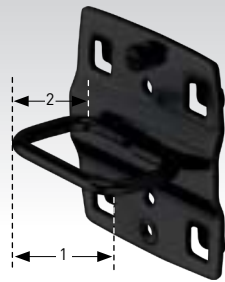
Art.	↓ mm	∅ mm	Δ kg
145.123.025	25	6	0.05
145.123.028	28	6	0.05
145.123.032	32	6	0.06

Clamp holder long



Art.	↓ mm	↔ mm	∅ mm	Δ kg
145.124.027	27	65	6	0.06

Clamp holder



Art.	↓ mm	↔ mm	Δ kg
145.125.035	35	20	0.06
145.125.075	75	20	0.06

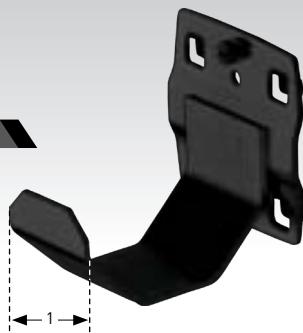
Circular holder



Art.	∅ mm	Δ kg
145.126.060	60	0.07
145.126.080	80	0.07

Tube holder

Order in pairs

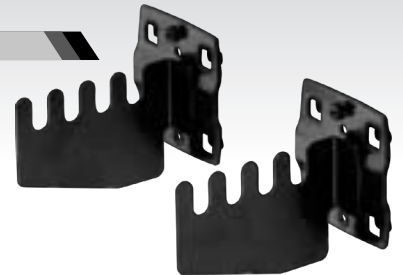


Art.	↓ mm	∅ mm	Δ kg
145.127.060	35	60	0.1
145.127.100	35	100	0.15

Saw holder

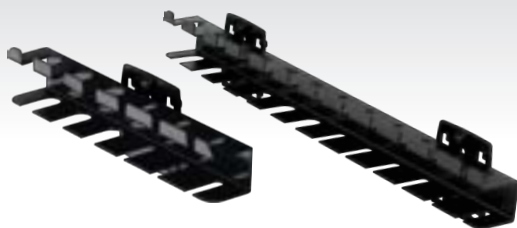
for 4 saws

Order in pairs



Art.	↓ mm	↗ mm	Δ kg
145.128.080	52	80	0.08

Screwdriver holder
for 6 or 12 Screwdriver



Art.	🔧	↓ mm	↗ mm	Δ kg
145.129.200	6	200	30	0.18
145.129.390	12	390	30	0.38

Wrench holder

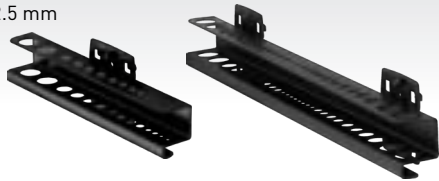
for 10 wrenches



Art.	↓ mm	↔ mm	Δ kg
145.129.227	220	75 - 145	0.45

Drill bit holder

For 14 drills: 2× each Ø 3.0-4.2-6.5-7.5-8.5-16.5 mm /
1× each Ø 10.5-12.5 mm
For 28 drill bits: each 4× Ø 3.2-4.2-6.5-7.5-8.5-16.5 mm /
each 2× Ø 10.5-12.5 mm



Art.	↔ mm	↙ mm		Δ kg
145.130.200	200	28		0.2
145.130.390	390	28		0.4

Holder for hexagonal keys

for 9 angle pin wrenches



Art.	↔ mm	↙ mm		Δ kg
145.131.200	200	73		0.25

Bit holder

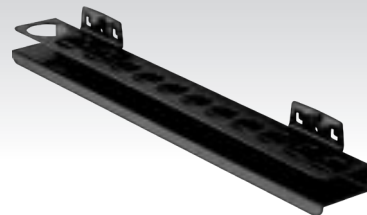
for 7 bits



Art.	↔ mm	↙ mm		Δ kg
145.132.150	150	35		0.13

Holder for sockets

for 12 pcs.



Art.	↔ mm	↙ mm		Δ kg
145.133.390	390	30		0.45

Tool holder

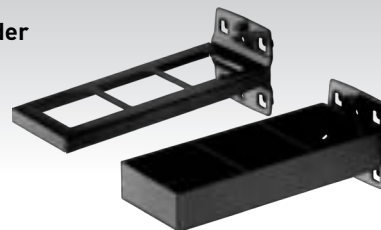
for individual modification



Art.	↓ mm	↔ mm	↙ mm		Δ kg
145.134.340	55	325	135		1

Combined holder

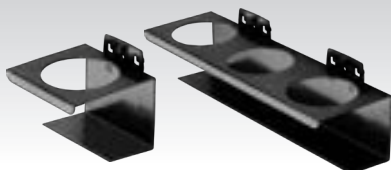
in 2 elements





Art.	↔ mm	↙ mm		Δ kg
145.135.150	60	150		0.4

Tool holder

with circular pockets



Art.		↔ mm	Ø mm		Δ kg
145.137.001		100	70		0.2
145.137.002		300	70		0.6

Storage shelf

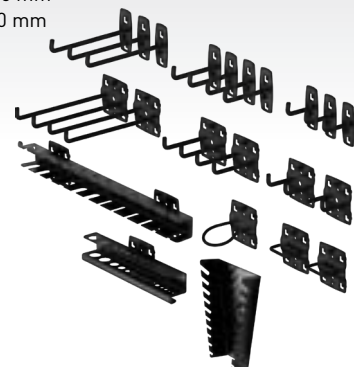
for small parts and tools



Art.	↔ mm	↙ mm		Δ kg
145.138.350	350	125		0.6
145.138.445	445	150		0.8

Tool holder set for wall panel, 22 pcs.

3 × Art. 145.111.035, L=35 mm
4 × Art. 145.111.070, L= 70 mm
3 × Art. 145.111.135, L=135 mm
2 × Art. 145.112.035, L= 35 m
2 × Art. 145.112.075, L= 75 mm
2 × Art. 145.112.150, L= 150 mm
2 × Art. 145.125.055, W= 55 mm
1 × Art. 145.126.060, Ø= 60 mm
1 × Art. 145.129.390,
for 12 screwdrivers
1 × Art. 145.129.227,
for 10 spanners
1 × Art. 145.130.200,
for 14 drill bits

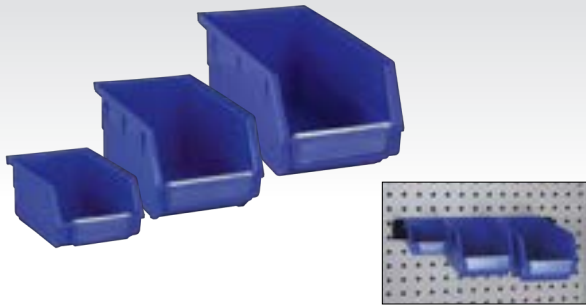


Art.				Δ kg
145.100.900				2.1

4.2. MOBILIO WORKSHOP EQUIPMENT SYSTEM

Open-fronted storage box blue

Available in 3 sizes
 (Bracket 3964-29-11 is required for perforated wall mounting)



Art.	↓ mm	↔ mm	↗ mm	Δ kg
3964-29-14	75	105	140	0.05
3964-29-15	125	140	220	0.15
3964-29-16	125	140	270	0.2

Bracket for storage boxes



Art.	↓ mm	↔ mm	↗ mm	Δ kg
3964-29-11	54	440	15	0.31

Storage tray for cans



Art.	↓ mm	↔ mm	↗ mm	Δ kg
3964-29-01	100	330	100	0.71

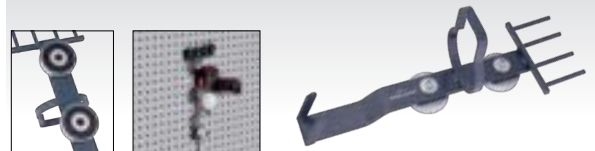
Universal container for perforated wall

5 pieces

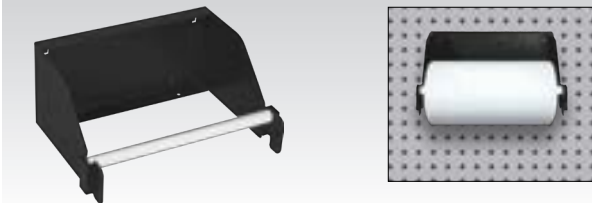


Art.	↓ mm	↔ mm	↗ mm	Δ kg
198.005.102	90	75	50	3.25

Magnetic holder for pneumatic tools



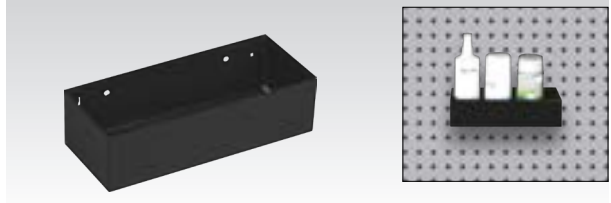
Art.	↓ mm	↔ mm	↗ mm	Δ kg
3929	400	130	150	1.8



Paper roll holder

For paper rolls up to Ø 300 mm, tube diameter = 20 mm
 For hanging on perforated wall or workshop trolley of the PT/BT series.

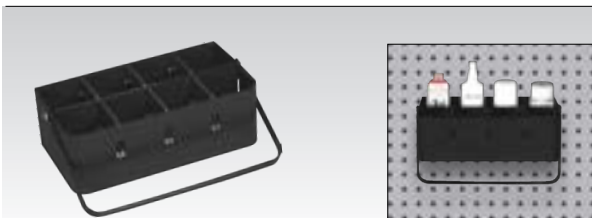
Art.	↓ mm	↔ mm	↗ mm	Δ kg
145.143.010	150	300	220	1.6



Storage compartment for cans and small parts

For hanging on perforated wall or workshop trolley in the PT/BT series.

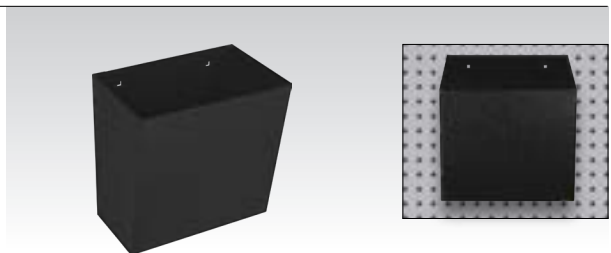
Art.	↓ mm	↔ mm	↗ mm	Δ kg
145.143.011	60	215	90	0.5



Storage compartment with handle for 8 cans

Compartment size 75 x 80 mm, large handle, variably divisible
 For hanging on perforated wall or workshop trolley of the PT/BT series.










Art.	↓ mm	↔ mm	↗ mm	Δ kg
145.143.012	100	300	160	2.5

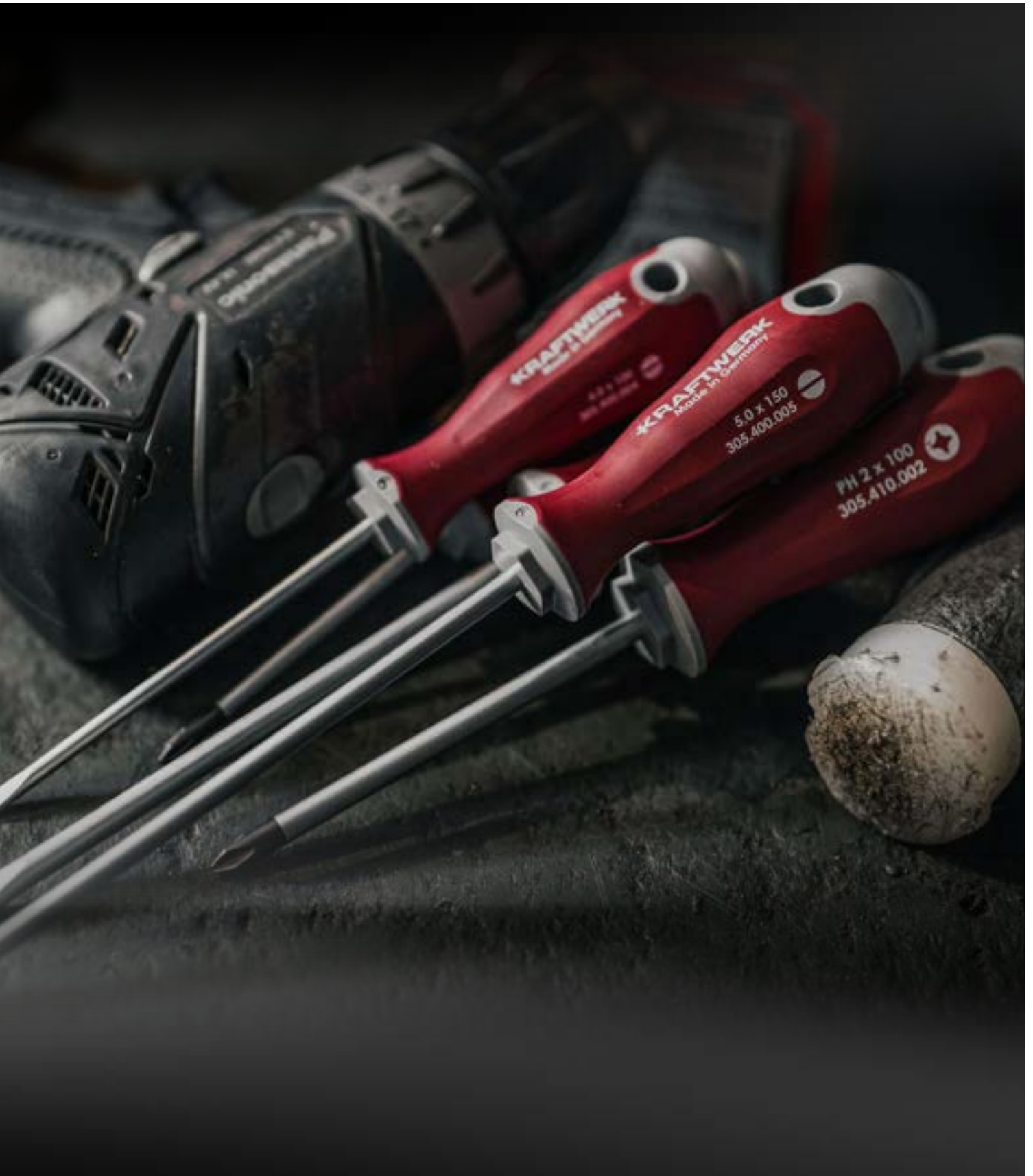


Waste garbage can

For hanging on perforated wall or workshop trolley of the PT/BT series.

Art.	↓ mm	↔ mm	↗ mm	Δ kg
145.143.013	300	300	160	3.5

Art.			ΔT kg	
3964-01-01	Gas spring for 3964-01		0.2	
3964-01-02	Aluminum drawer rail for 3964-01		0.1	
3964-01-03	Closing cover for 3964-01		0.8	
3964-01-04	Protective cap for 3964-01		0.01	
3964-02-02	Top panel for 3964-02		0.6	
3964-02-03	Left side panel for 3964-02		1.2	
3964-02-04	Right side panel for 3964-02		1.2	
3964-02-05	Back panel for 3964-02		1.5	
3964-02-06	Door for 3964-02		2.2	
3964-02-07	Mobilio Shelf for 3964-02		0.3	
3964-02-08	Bottom shelf for 3964-02		0.3	
3964-02-09	Base front panel for 3964-02		0.1	
3964-02-10	Base side panel 3964-02		0.1	
3964-02-11	Locking rod for 3964-02		0.1	
3964-02-12	Aluminum drawer rail for 3964-02		0.1	
3964-03-01	Aluminum drawer rail for 3964-03			0.1
3964-03-02	Lock 90° with keys for 3964-03			0.05
3964-03-03	Locking rod for 3964-03	0.1		
3964-03-04	Door left for 3964-03	1.3		
3964-03-05	Door right for 3964-03	1.3		
3964-03-06	Shelf for 3964-03	0.8		
3964-03-07	Cylinder lock and 2 keys, one-key solution			0.05
3964-04-01	Drawer guide (1 pair) for 3964-04 / 3964-05 / 3964-11		0.2	
3964-04-02	Aluminum drawer rail for 3964-04/05		0.1	
3964-04-03	Lock 180° with keys for 3964-04/05		0.05	
3964-04-04	Locking rod for 3964-04/05		0.1	
3964-04-05	Rigid foam mat EVA for 3964-04 / 3964-05		0.1	
3964-04-06	Lock base for 3964-04/05		0.1	
3964-04-07	Small drawer for 3964-04/05		0.9	
3964-04-08	Middle drawer for 3964-04/05		1.4	
3964-04-09	Large drawer for 3964-04/05		2.1	
3964-04-10	Cylinder lock and 2 keys, one-key-solution			0.05
3964-11-02	Aluminum drawer rail for 3964-11		0.1	
3964-11-03	Paper roll holder for 3964-11		0.25	
3964-11-04	Waste garbage can for 3964-11		0.3	
3964-11-05	Rigid foam mat EVA for 3964-11		0.1	
3964-11-06	Handle for 3964-11		0.2	
3964-12-01	Shelf for 3964-12			0.8
3964-12-07	Door, left, without lock, for 3964-12	9.5		
3964-12-08	Door, right, with lock, for 3964-12	9.03		
3964-12-10	Base side panel for 3964 12	10.5		
3964-12-16	Protective sleeve for 3964-12	0.01		
3964-12-2	Top panel for 3964 12	10.5		
3964-12-9	Base front panel for 3964 12	10.5		
3964-02-01	Floor panel for 3964-02	0.6		
3964-14-01	Base panel for 3964-14	5		
3964-15-01	Swivel caster without brake for 3964-15			0.12
3964-15-02	Swivel caster with brake for 3964-15		0.43	
3964-16-01	Shelf for 3964-16	2.4		
3964-25-02	Aluminum drawer rail for 3964-25	0.1		



HAND TOOLS

5.1. COMBINATION SPANNERS



149 - 174

5.2. REVERSIBLE RATCHETS



175 - 179

5.3. SOCKETS



180 - 200

5.4. EXTENSIONS / ADAPTERS / ACCESSORIES



201 - 213

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214 - 239

5.6. TORQUE WRENCH / TORQUE ANGLE MEASURING DEVICES



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5.7. SCREWDRIVER



248 - 272

5.8. PLIERS



273 - 306

5.9. IMPACT TOOLS



307 - 318

5.10. CUTTING / FILING / DRILLING TOOLS



319 - 347

5.11. MEASURING TOOLS



348 - 352

5.12. BITS / PULLER / HOOK & BOLT EXTRACTOR



353 - 380

COMBINATION CLICKRAFT



FLEX CLICKRAFT



REVERSIBLE CLICKRAFT



DOUBLE RING CLICKRAFT



DOUBLE RATCHET CLICKRAFT



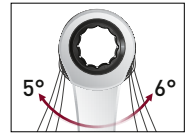
STUBBY FLEX CLICKRAFT



ANGLE CLICKRAFT



QUAD REVERSIBLE CLICKRAFT



8 - 9 mm
36 - 50 mm
5/16"

19 mm
3/4" **75**

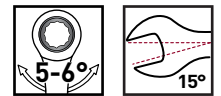
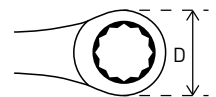
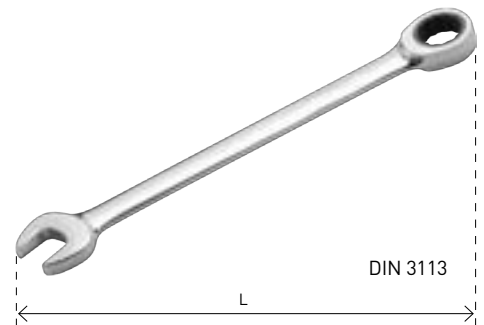
72

8 - 9 mm
36 - 50 mm
5/16" **60**

Ratchet combination spanner

- 5° reset angle
- Straight version
- 15° jaw position
- High-gloss chrome-plated
- Chrome vanadium

Art.	Ø mm	D mm	⚙	L mm
3405	5.5	16.5	60	125
3406	6	17	60	125
3407	7	17	60	140
3408	8	17	60	140
3409	9	18.5	60	149
3410	10	20.5	72	160
3411	11	21.5	72	165
3412	12	23	72	170
3413	13	25	72	180
3414	14	28	72	190
3415	15	29	72	200
3416	16	30	72	210
3417	17	31.5	72	225
3418	18	33	72	235
3419	19	34	75	250
3420	20	41	72	290
3421	21	41	72	290
3422	22	41.5	72	290
3424	24	48	72	333
3427M	27	52.5	72	360
3430M	30	59	72	400
3432M	32	62.5	72	425
3434M	34	63	72	460
3436M	36	64	60	500
3441M	41	68	60	575
3446M	46	76	60	645



Ratchet combination spanner set, 4 pcs.

5° reset angle
Straight version
15° jaw position
High-gloss chrome-plated
Chrome vanadium
In cardboard box

Art.	mm
3400-50	10 - 13 - 17 - 19



Ratchet combination spanner set, 6 pcs.

5° reset angle
Straight version
15° jaw position
High-gloss chrome-plated
Chrome vanadium
In roll-up bag

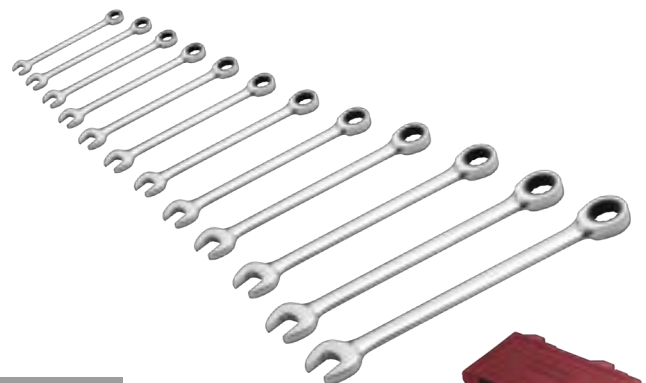
Art.	mm
3427	8 - 10 - 12 - 13 - 17 - 19



Ratchet combination spanner set, 12 pcs.

5° reset angle
Straight version
15° jaw position
High-gloss chrome-plated
Chrome vanadium
In slim tool case

Art.	mm
3400-54	8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19



325 x 185 x 56 mm

**Ratchet combination spanner, inch**

5° reset angle

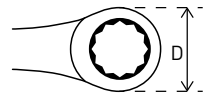
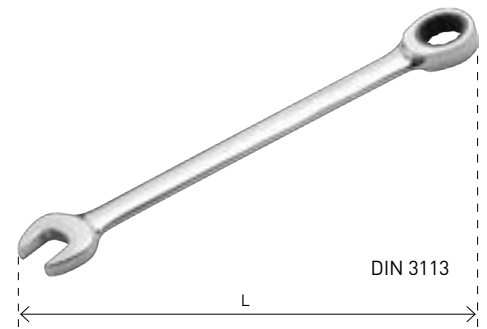
Straight version

15° jaw position

High-gloss chrome-plated

Chrome vanadium

Art.	○ inch	D mm	⚙	L mm
3431	5/16"	17	60	140
3432	3/8"	20.5	72	160
3433	7/16"	21.2	72	165
3435	9/16"	28	72	190
3436	5/8"	30	72	210
3437	11/16"	31.5	72	225
3438	3/4"	34	75	250

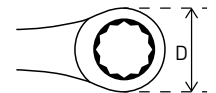
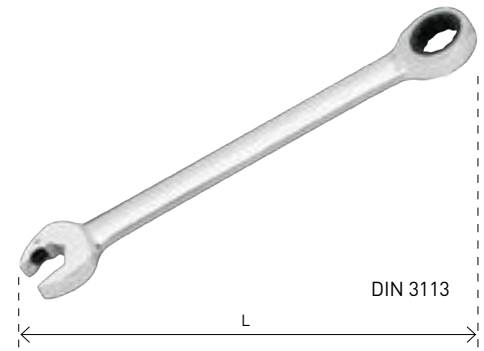


Double ratchet combination spanner

5° reset angle
Straight version with additional ratcheting function in the open end
15° jaw position
High-gloss chrome-plated
Chrome vanadium

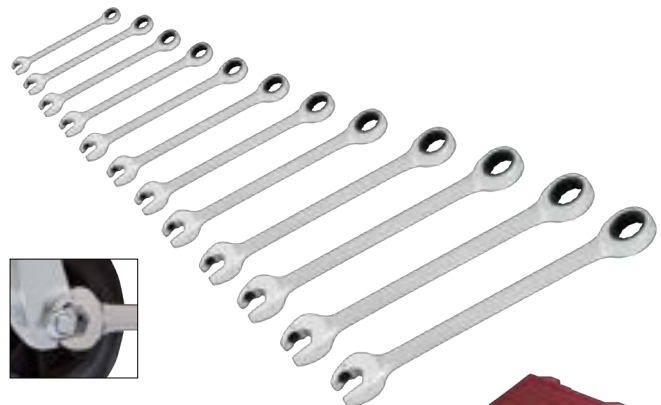


Art.	Ø mm	D mm	⚙	L mm
3401-08	8	17.7	60	140
3401-09	9	19	60	149
3401-10	10	21.1	72	159
3401-11	11	23.1	72	165
3401-12	12	24.5	72	172
3401-13	13	26.5	72	178
3401-14	14	27.9	72	190
3401-15	15	30.5	72	199
3401-16	16	32.4	72	208
3401-17	17	34.2	72	225
3401-18	18	35.3	72	236
3401-19	19	36.1	75	248



Double ratchet combination spanner

5° reset angle
Straight version with additional ratcheting function in the open end
15° jaw position
High-gloss chrome-plated
Chrome vanadium
In slim tool case



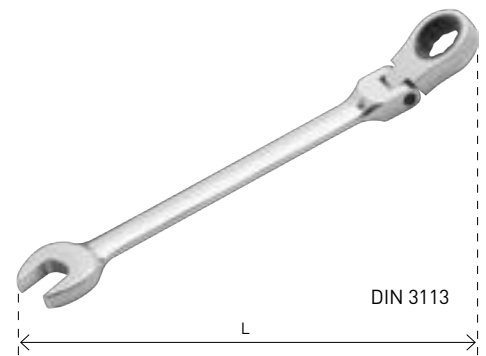
Art.	Ø mm
3401-54	8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19




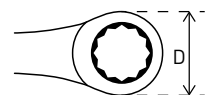
325 × 185 × 56 mm

Flexible combination ratchet spanner

180° tilting ratchet head
Adjustable joint tension
Return angle 5°
Jaw 15° offset
High-gloss chrome-plated
Chrome vanadium



Art.	mm	D mm		L mm
3403-08	8	17	60	140
3403-09	9	19	60	149
3403-10	10	20	72	158
3403-11	11	22	72	165
3403-12	12	23	72	171
3403-13	13	25	72	176
3403-14	14	27.5	72	190
3403-15	15	29	72	199
3403-16	16	30	72	208
3403-17	17	32	72	225
3403-18	18	34	72	236
3403-19	19	34.3	75	248
3403-20	20	42	72	290
3403-21	21	42	72	290
3403-22	22	42	72	290
3403-24	24	49	72	333



Flexible combination ratchet spanner set, 6 pcs.

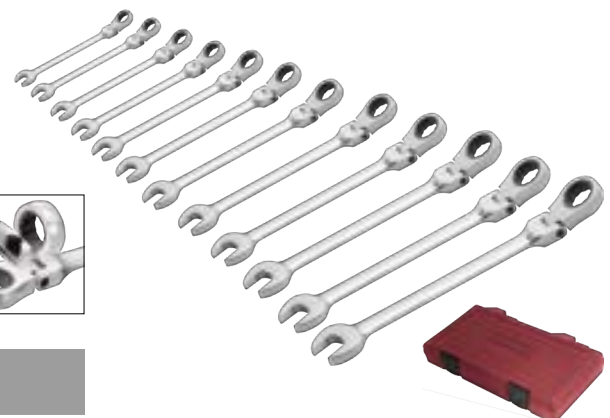
180° tilting ratchet head
Adjustable joint tension
Return angle 5°
Jaw 15° offset
High-gloss chrome-plated
Chrome vanadium
In roll-up bag



Art.	mm
3403-51	8 - 10 - 12 - 13 - 17 - 19

Flexible combination ratchet spanner set, 12 pcs.

180° tilting ratchet head
Adjustable joint tension
Return angle 5°
Jaw 15° offset
High-gloss chrome-plated
Chrome vanadium
In slim tool case



Art.	mm
3403-54	8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19

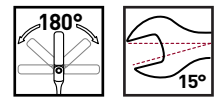
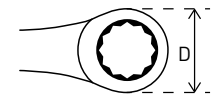
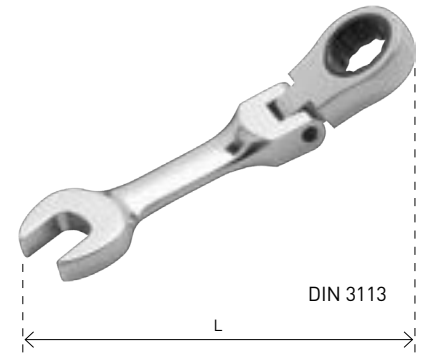
325 x 185 x 56 mm

Flexible combination ratchet spanner, stubby

180° tilting ratchet head
Adjustable joint tension
Return angle 5°
Jaw 15° offset
High-gloss chrome-plated
Chrome vanadium



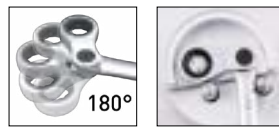
Art.	Ø mm	D mm	⚙	L mm
3403-08S	8	17	60	88
3403-10S	10	20	72	94
3403-11S	11	22	72	102
3403-12S	12	23	72	105
3403-13S	13	25	72	107
3403-14S	14	27.5	72	114



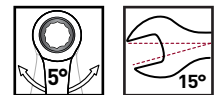
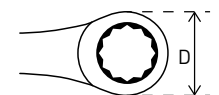
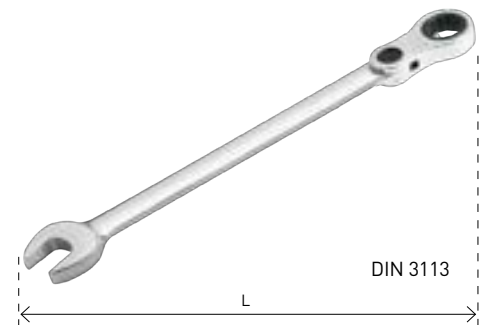
ANGLE CLICKRAFT

Flex-head combination ratchet spanner

180° angled ratchet head
Adjustable joint tension with screw
5° reset angle
15° angled ring side
High-gloss chrome-plated
Chrome vanadium

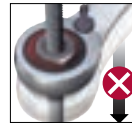


Art.	Ø mm	D mm	⚙	L mm
3402-08	8	17	60	151
3402-09	9	17.9	60	164
3402-10	10	19.8	60	179
3402-11	11	21.6	72	194
3402-12	12	23	72	205
3402-13	13	24.7	72	219
3402-14	14	26.3	72	233
3402-15	15	28.4	72	247
3402-16	16	30.5	72	257
3402-17	17	31.8	72	272
3402-18	18	33.2	72	287
3402-19	19	34	75	303

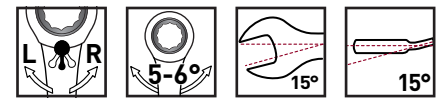
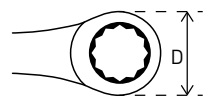
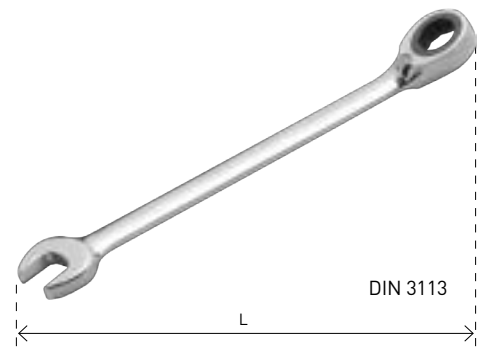


Ratchet combination spanner reversible

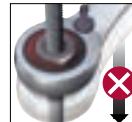
High quality 72 tooth ratchet mechanism
 Switch lever for right and left rotation
 5° return angle
 15° jaw position
 Bright chrome plated
 Chrome vanadium



Art.	⌀ mm	D mm	⚙️	L mm
3404-08	8	16.8	60	140
3404-09	9	18.2	60	149
3404-10	10	20.1	72	159
3404-11	11	21.5	72	165
3404-12	12	23	72	170
3404-13	13	25.1	72	180
3404-14	14	27.1	72	190
3404-15	15	29	72	200
3404-16	16	30.6	72	208
3404-17	17	31.8	72	225
3404-18	18	32.3	72	236
3404-19	19	34.1	75	248
3404-21	21	41.7	72	290
3404-22	22	41.7	72	290
3404-24	24	48	72	330

**Ratchet combination spanners set, 4 pcs.**

High quality 72 tooth ratchet mechanism
 Switch lever for right and left rotation
 5° return angle
 15° jaw position
 Bright chrome plated
 Chrome vanadium
 In cardboard box



Art.	⌀ mm
3404-50	10 - 13 - 17 - 19



5

Ratchet combination spanners set, 6 pcs.

High quality 72 tooth ratchet mechanism
 Switch lever for right and left rotation
 5° return angle
 15° jaw position
 Bright chrome plated
 Chrome vanadium
 In roll-up bag

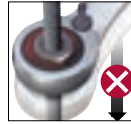


Art.	⌀ mm
3404-51	8 - 10 - 12 - 13 - 17 - 19



Ratchet combination spanners set, 12 pcs.

High quality 72 tooth ratchet mechanism
Switch lever for right and left rotation
5° return angle
15° jaw position
Bright chrome plated
Chrome vanadium
In slim tool case



325 × 185 × 56 mm

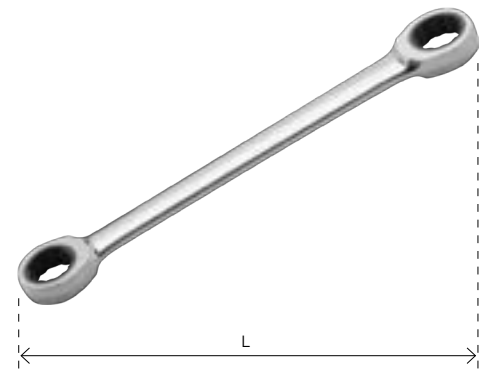
Art.	mm
3404-54	8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19

DOUBLE RING CLICKRAFT

Ratchet double ring spanner



Straight version

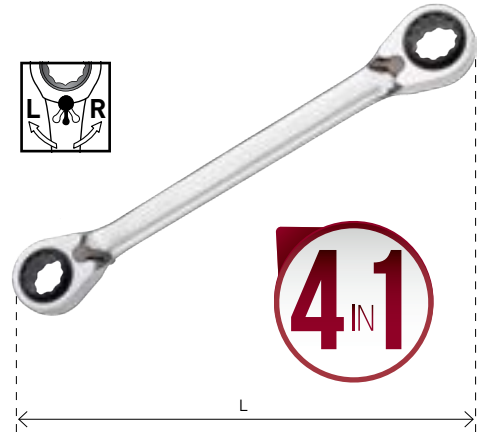
Art.	mm	mm	L mm
3441	8 × 9	60	130
3440	8 × 10	60 x 72	128
3442	10 × 11	72	150
3447	10 × 13	72	160
3443	12 × 13	72	170
3444	14 × 15	72	187
3445	16 × 18	72	210
3446	17 × 19	72 x 75	230

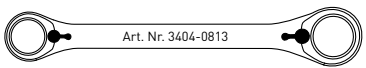
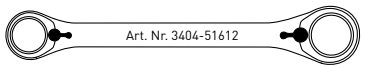
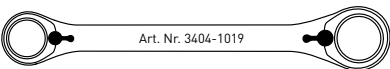
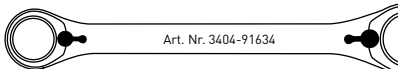
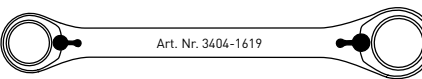
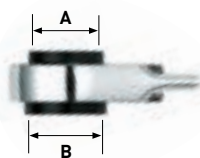

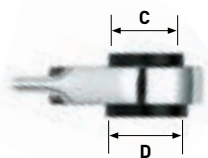


Ratchet double ring spanner reversible

1 combination spanner, 4 sizes
 Switch lever for right and left rotation
 Bright chrome plated
 Chrome vanadium
 In slim tool case

Art.			L mm
3404-0813	8 × 10 - 12 × 13	72 x 72	160
3404-1019	10 × 13 - 17 × 19	72 x 75	200
3404-1619	16 × 17 - 18 × 19	72 x 75	230
3404-51612	5/16" × 3/8" - 7/16" × 1/2"	72 x 72	160
3404-91634	9/15" × 5/8" - 11/16" × 3/4"	72 x 75	210



<p>A 8 mm B 10 mm</p>  <p>Art. Nr. 3404-0813</p>	<p>C 12 mm D 13 mm</p>	<p>A 5/16" B 3/8"</p>  <p>Art. Nr. 3404-51612</p>	<p>C 7/16" D 1/2"</p>
<p>A 10 mm B 13 mm</p>  <p>Art. Nr. 3404-1019</p>	<p>C 17 mm D 19 mm</p>	<p>A 9/16" B 5/8"</p>  <p>Art. Nr. 3404-91634</p>	<p>C 11/16" D 3/4"</p>
<p>A 16 mm B 17 mm</p>  <p>Art. Nr. 3404-1619</p>	<p>C 18 mm D 19 mm</p>	 	<p>C</p>  <p>D</p>

Ratchet double ring spanner set reversible, 2 pcs.

2 combination spanners, 8 sizes
 Switch lever for right and left rotation
 Bright chrome plated
 Chrome vanadium

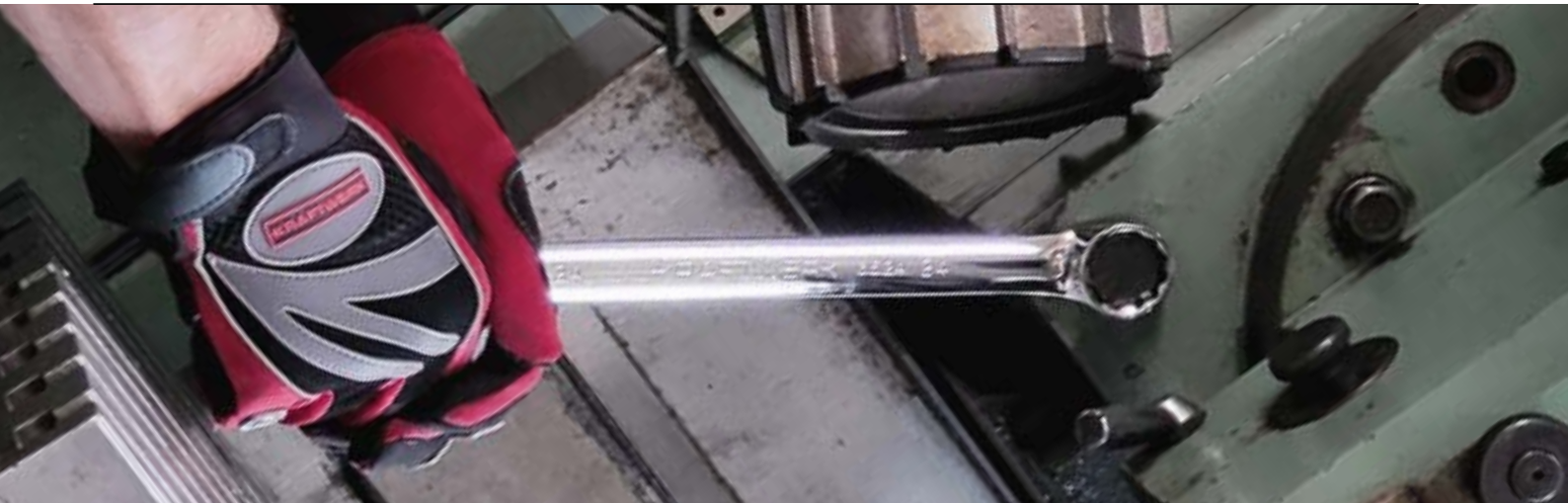


Art.	 mm
3404-4x2	8 × 10 - 12 × 13 - 16 × 17 - 18 × 19



250 × 110 × 35 mm





Combination spanner

15° angled ring side

15° jaw position

High-gloss chrome-plated

Chrome vanadium

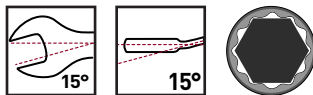
Art.	○ mm	L mm
3505	5.5	127
3506	6	127
3507	7	134
3508	8	140
3509	9	150
3510	10	159
3511	11	165
3512	12	172
3513	13	179
3514	14	191
3515	15	199
3516	16	206
3517	17	225
3518	18	235
3519	19	248
3520	20	272
3521	21	272
3522	22	291
3523	23	315
3524	24	315
3525	25	335
3526	26	335
3527	27	358
3528	28	402
3530	30	425
3532	32	425
3534	34	375
3536	36	395
3538	38	400
3541	41	435
3546M	46	485
3550M	50	525



5.1. COMBINATION SPANNERS

Combination spanner set, 10 pcs.

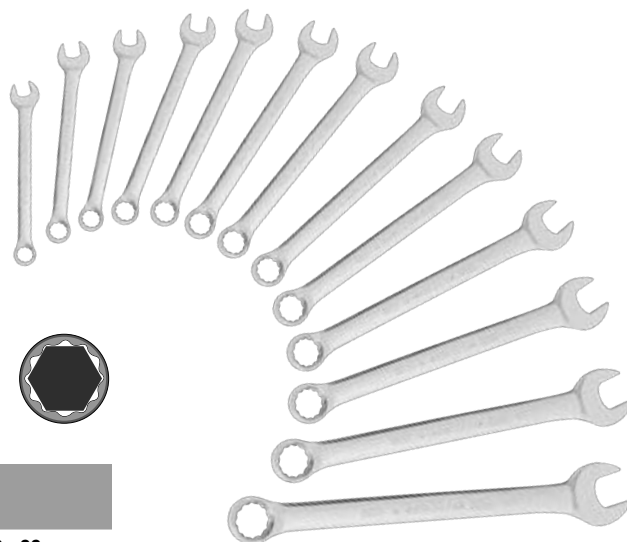
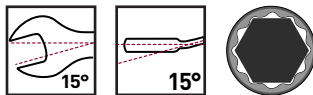
15° angled ring side
 15° jaw position
 High-gloss chrome-plated
 Chrome vanadium



Art.	mm
3556	8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19

Combination spanner set, 13 pcs.

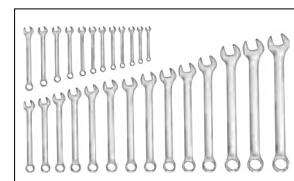
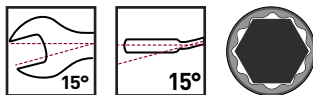
15° angled ring side
 15° jaw position
 High-gloss chrome-plated
 Chrome vanadium



Art.	mm
3550	8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 22

Combination spanner set, 26 pcs.

15° angled ring side
 15° jaw position
 High-gloss chrome-plated
 Chrome vanadium

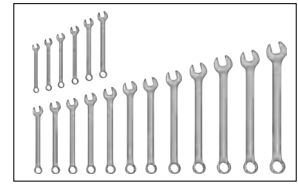
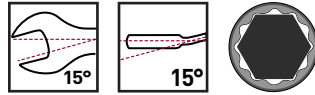


Art.	mm	
3554	5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 30 - 32	
3554R	5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 23 - 24 - 25 - 26 - 27 - 28 - 30 - 32	



Combination spanner set, 18 pcs.

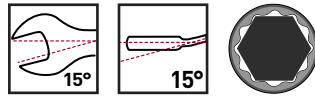
15° angled ring side
15° jaw position
High-gloss chrome-plated
Chrome vanadium



Art.	mm	
3557	5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22	
3557R	5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22	

Combination spanner set, 4 pcs.

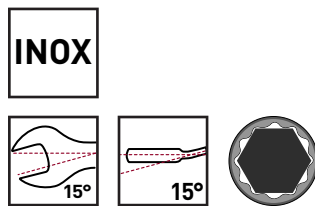
15° angled ring side
15° jaw position
High-gloss chrome-plated
Chrome vanadium



Art.	mm	
3558	24 - 27 - 30 - 32	
3558R	24 - 27 - 30 - 32	

Combination spanner set Inox, 9 pcs.

15° angled ring side
15° jaw position
High-gloss chrome-plated
Chrome vanadium



Art.	mm
3503-56	8 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19

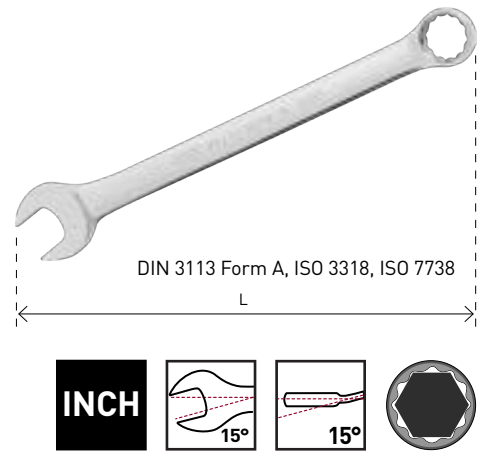




Combination spanner, inch

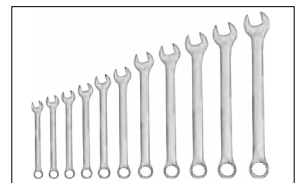
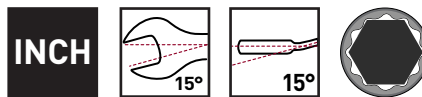
15° angled ring side
 15° jaw position
 High-gloss chrome-plated
 Chrome vanadium

Art.	○ inch	L mm
3587	1/4"	126
3588	5/16"	139
3589	3/8"	160
3590	7/16"	166
3591	1/2"	178
3592	9/16"	190
3593	5/8"	208
3594	11/16"	226
3595	3/4"	250
3596	13/16"	271
3597	7/8"	294
3598	15/16"	314
3599	1"	335



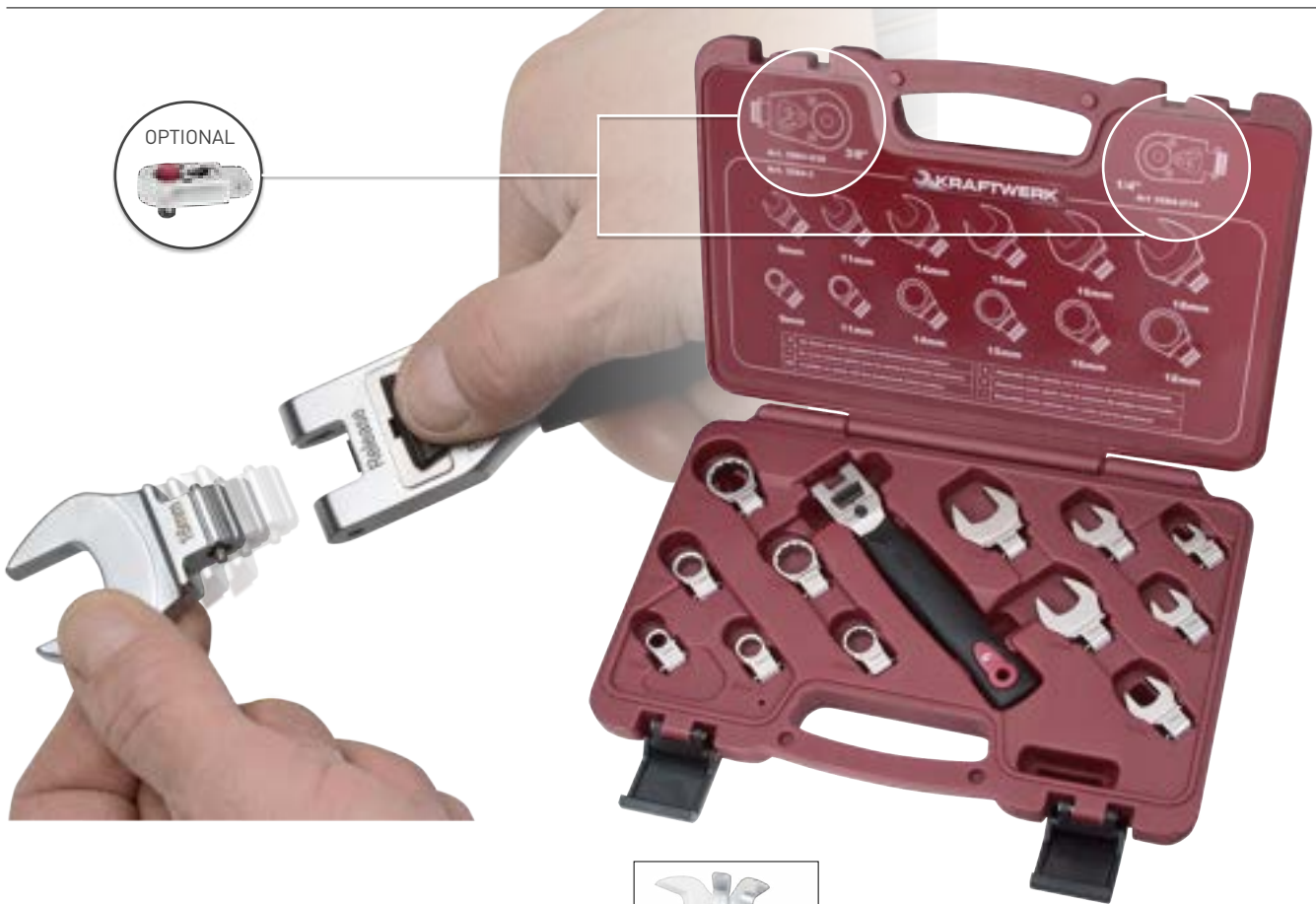
**Combination spanner set, inch,
 11 pcs.**

15° angled ring side
 15° jaw position
 High-gloss chrome-plated
 Chrome vanadium





Art.	○ inch	
3585	3/8" - 7/16" - 1/2" - 9/16" - 5/8" - 11/16" - 3/4" - 13/16" - 7/8" - 15/16" - 1"	
3585R	3/8" - 7/16" - 1/2" - 9/16" - 5/8" - 11/16" - 3/4" - 13/16" - 7/8" - 15/16" - 1"	





QUICK+FLEX universal spanner set, 13 pcs.
Starter set with the 6 most common sizes of open-end and ring wrench heads in the case base



Art.	 mm	 mm
3584-1	8 - 10 - 12 - 13 - 17 - 19	8 - 10 - 12 - 13 - 17 - 19

QUICK+FLEX reversible ratchet head
For use as articulated head ratchet



Art.	
3584-U14	1/4"
3584-U38	3/8"

BASIC LINE

BASIC LINE combination spanner

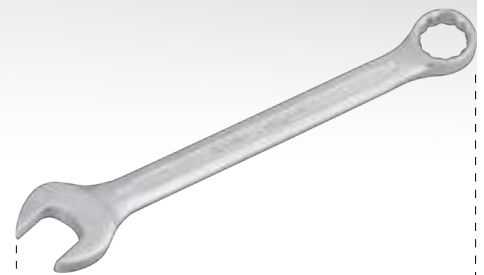
Jaw 15° offset

Matt finish

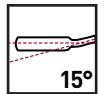
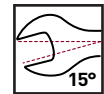
Chrome vanadium

Including blister cards with euro hole

Art.	Ø mm	L mm
301.100.055	5.5	165
301.100.060	6	165
301.100.070	7	165
301.100.080	8	178
301.100.090	9	183
301.100.100	10	189
301.100.110	11	218
301.100.120	12	224
301.100.130	13	232
301.100.140	14	242
301.100.150	15	247
301.100.160	16	257
301.100.170	17	260
301.100.180	18	277
301.100.190	19	278
301.100.200	20	290
301.100.210	21	298
301.100.220	22	308
301.100.240	24	325
301.100.270	27	355
301.100.300	30	413
301.100.320	32	290



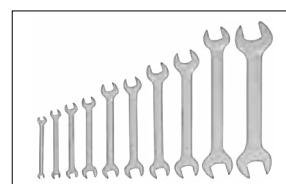
DIN 3113 Form A, ISO 3318, ISO 7738



Double open-end spanner

15° jaw position
High-gloss chrome-plated
Chrome vanadium

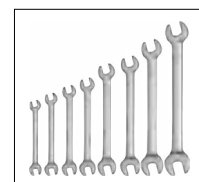
Art.	○ mm	L mm
3560	6 × 7	125
3561	8 × 9	137
3562	10 × 11	149
3551	10 × 13	162
3563	12 × 13	162
3564	14 × 15	188
3565	16 × 17	203
3552	17 × 19	227
3566	18 × 19	227
3567	21 × 22	252
3568	24 × 27	280
3569	30 × 32	310
3579	36 × 41	350
3583	46 × 50	440
3586	55 × 60	505



Double open-end spanner set, 10 pcs.

15° jaw position
High-gloss chrome-plated
Chrome vanadium

Art.	○ mm	
3553	6 × 7 - 8 × 9 - 10 × 11 - 12 × 13 - 14 × 15 - 16 × 17 - 18 × 19 - 21 × 22 - 24 × 27 - 30 × 32	
3553R	6 × 7 - 8 × 9 - 10 × 11 - 12 × 13 - 14 × 15 - 16 × 17 - 18 × 19 - 21 × 22 - 24 × 27 - 30 × 32	



Double open-end spanner set, 8 pcs.

15° jaw position
High-gloss chrome-plated
Chrome vanadium

Art.	○ mm	
3570	6 × 7 - 8 × 9 - 10 × 11 - 12 × 13 - 14 × 15 - 16 × 17 - 18 × 19 - 21 × 22	
3570R	6 × 7 - 8 × 9 - 10 × 11 - 12 × 13 - 14 × 15 - 16 × 17 - 18 × 19 - 21 × 22	



5.1. COMBINATION SPANNERS

Adjustable angle wrench

15° jaw position
Swedish version with spindle
With scale
Chrome vanadium



Art.	⌀ mm	L mm
2404	0 - 14	100
2406	0 - 20	150
2408	0 - 25	200
2410	0 - 30	250
2412	0 - 35	300
2415	0 - 45	375
2418	0 - 55	450

**Adjustable angle wrench**

15° jaw position
Swedish version with spindle
With scale
Chrome vanadium

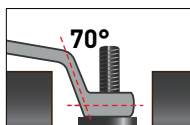


Art.	⌀ mm	L mm
3572	0 - 20	150
3573	0 - 25	200
3574	0 - 30	250
3575	0 - 35	300
3576	0 - 45	375



Double offset ring spanner

Offset 70° on both sides
Fully polished mirror finish
Chrome vanadium



DIN 838, ISO 3318, ISO 185, ISO 114

Art.	mm	L mm
3480	6 x 7	165
3481	8 x 9	180
3482	10 x 11	199
3483	12 x 13	218
3484	14 x 15	238
3485	16 x 17	262
3486	18 x 19	287
3487	20 x 22	317
3488	21 x 23	329
3489	24 x 27	346
3491	30 x 32	369
3492	36 x 41	460
3493	46 x 50	520

Double offset ring spanner set, 8 pcs.

Offset 70° on both sides
Fully polished mirror finish
Chrome vanadium



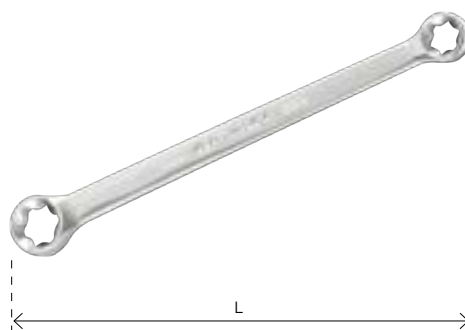
Art.	mm	
3497	6 x 7 - 8 x 9 - 10 x 11 - 12 x 13 - 14 x 15 - 16 x 17 - 18 x 19 - 20 x 22	
3497R	6 x 7 - 8 x 9 - 10 x 11 - 12 x 13 - 14 x 15 - 16 x 17 - 18 x 19 - 20 x 22	



External TX double ring spanner

Straight version
Fully polished mirror finish
Chrome vanadium

Art.	E	L mm
3546	E6 x E8	112
3547	E10 x E12	140
3548	E14 x E18	180
3549	E20 x E24	223



5.1. COMBINATION SPANNERS


External TX double ring spanner set, 4 pcs.

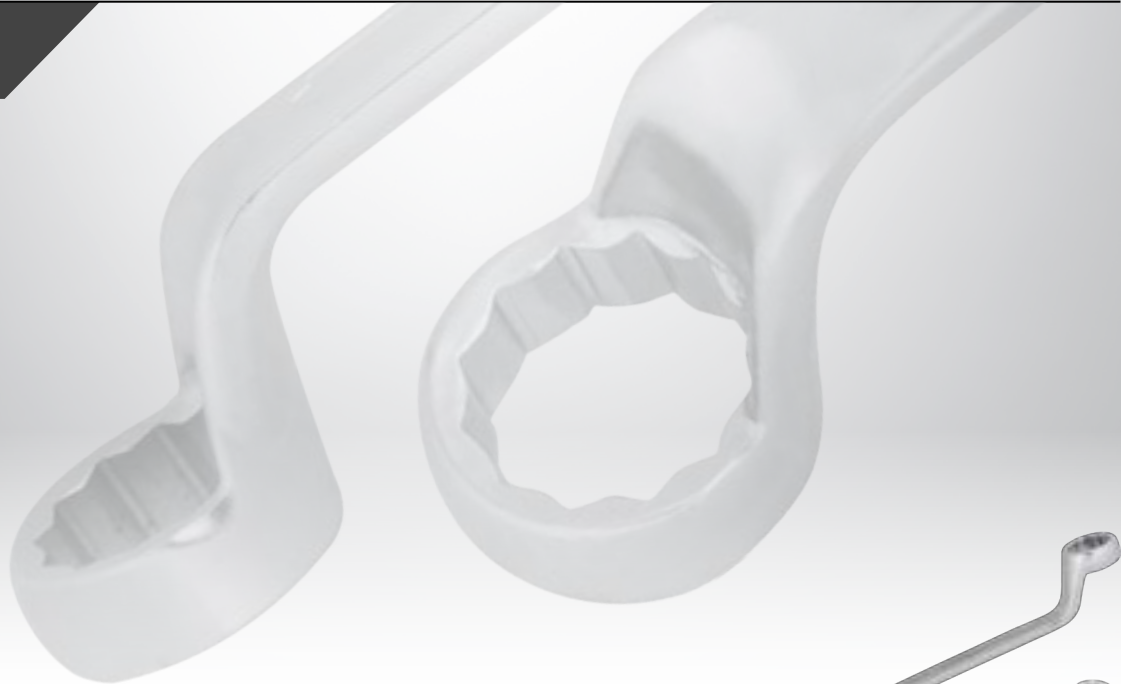
Straight version

Fully polished mirror finish

Chrome vanadium



Art.	 E
3545	E6 x E8 - E10 x E12 - E14 x E18 - E20 x E24

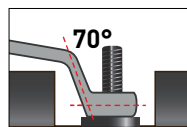
BASIC LINE**BASIC LINE Double offset ring spanner**

Offset 70° on both sides

Fully polished mirror finish


Chrome vanadium

Including blister cards with euro hole



DIN 838, ISO 3318, ISO 1085, ISO 10104

L

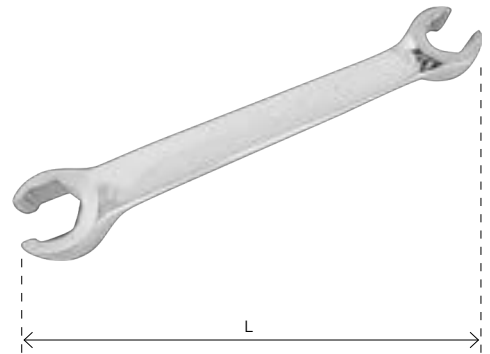
Art.	 mm	L mm
301.200.060	6 x 7	230
301.200.080	8 x 9	240
301.200.100	10 x 11	248
301.200.120	12 x 13	268
301.200.140	14 x 15	288
301.200.160	16 x 17	315
301.200.180	18 x 19	300
301.200.200	20 x 22	300



Flare nut spanner

Mirror polished

Art.	mm	inch	L mm
3580-00	9 × 11		173
3580-01	10 × 12		175
3580-02	13 × 14		208
3580-03	15 × 17		245
3580-04		3/8" × 7/16"	173
3580-05		1/2" × 9/16"	208
3580-06		5/8" × 11/16"	250



Flare nut spanner set, 7 pcs.

Mirror polished

Art.	mm / inch
3580	9 × 11 - 10 × 12 - 13 × 14 - 15 × 17 3/8" × 7/16" - 1/2" × 9/16" - 5/8" × 11/16"

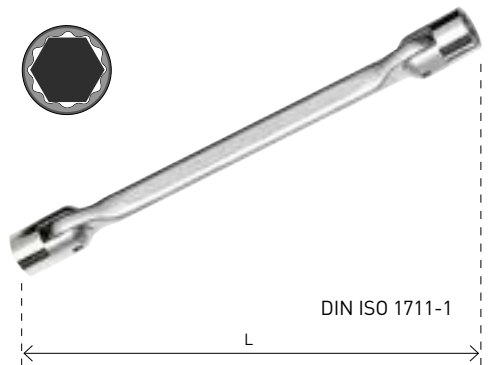


Double flexible socket wrench

Mirror polished



Art.	mm	L mm
2590-0809	8 × 9	176
2590-1011	10 × 11	200
2590-1213	12 × 13	216
2590-1617	16 × 17	225



Double flexible wrench for sockets

Mirror polished



Art.	mm	L mm
2590-3814	1/4" × 3/8"	255

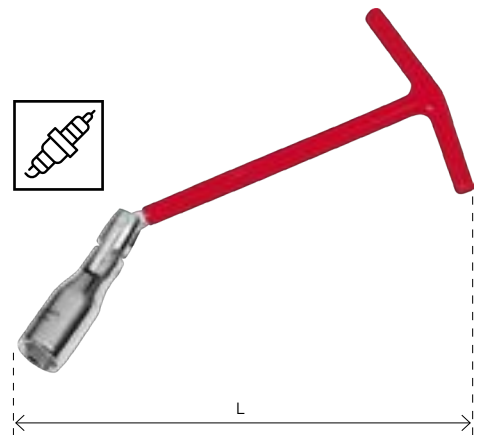


5.1. COMBINATION SPANNERS

Spark plug swivel socket

With insulated T-handle

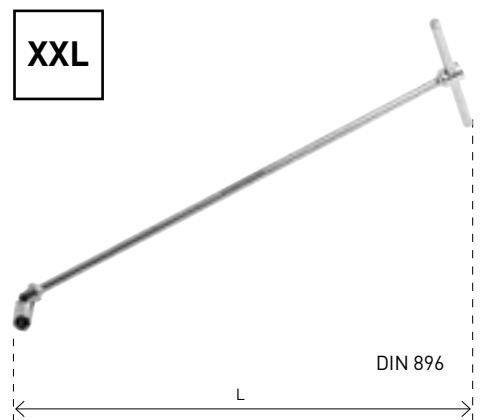
Art.	Ø mm	L mm
2591-16	16	240
2591-21	21	245

**T-type universal socket**

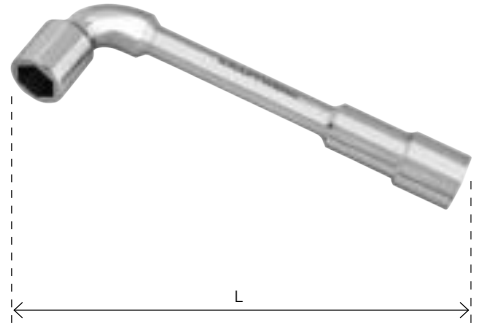
Extra long



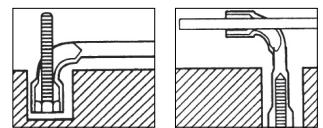
Art.	Ø mm	L mm
2592-08	8	390
2592-10	10	495
2592-11	11	495
2592-13	13	495
2592-17	17	495
2592-19	19	495



Elbow milled angle socket wrench 6 × 6 point
Mirror polished







Art.	⊙ mm	L mm
2597-06	6	102 ± 3
2597-07	7	106 ± 3
2597-08	8	114 ± 3
2597-09	9	122 ± 3
2597-10	10	129 ± 3
2597-11	11	136 ± 3
2597-12	12	144 ± 4
2597-13	13	152 ± 4
2597-14	14	160 ± 4
2597-15	15	169 ± 4
2597-16	16	178 ± 4
2597-17	17	187 ± 4
2597-18	18	195 ± 4
2597-19	19	204 ± 4
2597-20	20	212 ± 4
2597-21	21	221 ± 5
2597-22	22	230 ± 5
2597-23	23	240 ± 5
2597-24	24	250 ± 5
2597-25	25	260 ± 5
2597-26	26	270 ± 5
2597-27	27	280 ± 5
2597-28	28	290 ± 5
2597-29	29	300 ± 5
2597-30	30	310 ± 5
2597-32	32	330 ± 5



Elbow milled angle socket wrench set 6 × 6 point, 10 pcs.
Mirror polished

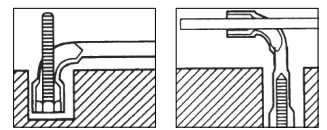
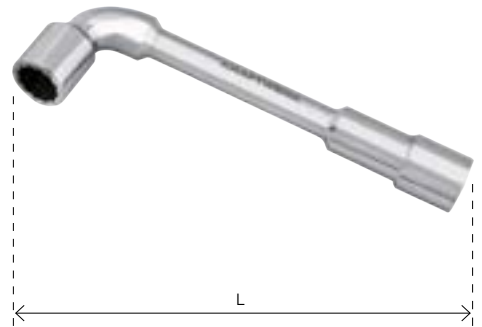


Art.			⊙ mm
2597-99			8 - 10 - 11 - 12 - 13 - 14 - 16 - 17 - 18 - 19

5.1. COMBINATION SPANNERS

Elbow milled angle socket wrench 12 × 6 point

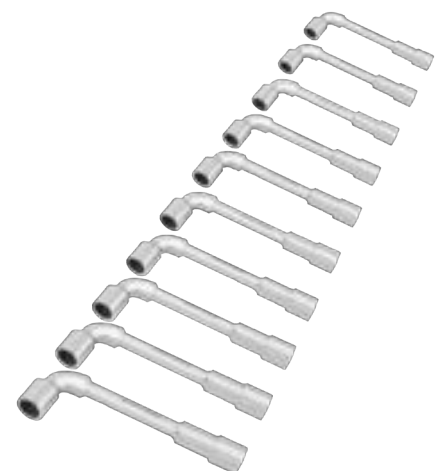
Mirror polished







Art.	mm	L mm
2598-06	6	102 ± 3
2598-07	7	106 ± 3
2598-08	8	114 ± 3
2598-09	9	122 ± 3
2598-10	10	129 ± 3
2598-11	11	136 ± 3
2598-12	12	144 ± 4
2598-13	13	152 ± 4
2598-14	14	160 ± 4
2598-15	15	169 ± 4
2598-16	16	178 ± 4
2598-17	17	187 ± 4
2598-18	18	195 ± 4
2598-19	19	204 ± 4
2598-20	20	212 ± 4
2598-21	21	221 ± 5
2598-22	22	230 ± 5
2598-23	23	240 ± 5
2598-24	24	250 ± 5
2598-25	25	260 ± 5
2598-26	26	270 ± 5
2598-27	27	280 ± 5
2598-28	28	290 ± 5
2598-29	29	300 ± 5
2598-30	30	310 ± 5
2598-32	32	330 ± 5
2598-34	34	350 ± 5

Elbow milled angle socket wrench 12 × 6 point, 10 pcs.

Mirror polished



Art.	 	mm
2598-99	 	8 - 10 - 11 - 12 - 13 - 14 - 16 - 17 - 18 - 19

Double end tubular socket wrench

Lightweight design

Art.	mm	Ø mm	L mm
2589-0607	6 × 7	5	108
2589-0809	8 × 9	5	110
2589-1011	10 × 11	5	122
2589-1213	12 × 13	5	142
2589-1415	14 × 15	8	143
2589-1617	16 × 17	10	146
2589-1819	18 × 19	10	158
2589-2022	20 × 22	10	175
2589-2123	21 × 23	12	175
2589-2427	24 × 27	12	185
2589-2528	25 × 28	12	190
2589-3032	30 × 32	12	205



Double end tubular socket wrench set, 9 pcs.

Lightweight design

In roll-up bag

Art.	mm	Ø mm
2589-01	6 × 7 - 8 × 9 - 10 × 11 - 12 × 13 - 14 × 15 - 16 × 17 - 18 × 19 - 20 × 22	5 - 8 - 10



Double end tubular socket wrench set, 6 pcs.

Lightweight design

In roll-up bag

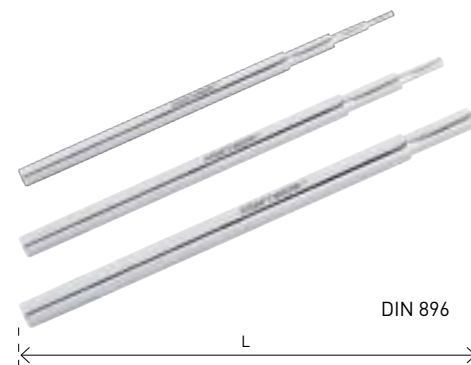
Art.	mm	Ø mm
2589-02	21 × 23 - 24 × 27 - 25 × 28 - 30 × 32	12 + 14



Stepped tommy bar

For double end tubular socket wrenches

Art.	mm	L mm
2599-3457	3.5 - 4.5 - 5.5 - 7.5	165
2589-5810	5 - 8 - 10	190
2599-1012	10 - 12	210



5.1. COMBINATION SPANNERS**Double end tubular socket wrench**

Heavy duty design, made by CNC-machining

Art.	⊙ mm	∅ mm	L mm
2599-0607	6 × 7	3.5	105
2599-0809	8 × 9	3.5	110
2599-1011	10 × 11	4.5	120
2599-1213	12 × 13	5.5	138
2599-1415	14 × 15	5.5	145
2599-1617	16 × 17	8	152
2599-1819	18 × 19	8	162
2599-2022	20 × 22	10	175
2599-2123	21 × 23	10	185
2599-2427	24 × 27	12	195
2599-2528	25 × 28	12	205
2599-3032	30 × 32	12	210

**Double end tubular socket wrench set**

heavy duty serie, made by CNC-machining

In roll-up bag

Art.	⊙ mm	∅ mm
2599-01	6 × 7 - 8 × 9 - 10 × 11 - 12 × 13 - 14 × 15 - 16 × 17 - 18 × 19 - 20 × 22	5 - 8 - 10



VDE

Open ended spanner VDE




1000 V
IEC 60900

Art.	Ø mm	L mm
308.360.008	8	100
308.360.010	10	110
308.360.012	12	130
308.360.013	13	140
308.360.014	14	150
308.360.017	17	165
308.360.019	19	180




5.2. REVERSIBLE RATCHETS



PRO LINE reversible ratchets

With lever for clockwise/anticlockwise operation
 Quick-release mechanism
 72 teeth with 5° back swing angle
 Ergonomic and non-slip 2-component handle
 For sockets, connecting parts etc. with square drive to DIN 3120 - C 6.3, ISO 1174
 According to DIN 3122 / ISO 3315




Art.		L mm
303.200.000	1/4"	146
303.200.100	3/8"	200
303.200.200	1/2"	251



Micro reversible ratchet ERGOKRAFT 1/4"




Art.		L mm
3201B	1/4"	107



Flexible micro reversible ratchet set 1/4", 2 pcs.



Art.		L mm
3201F	1/4"	108



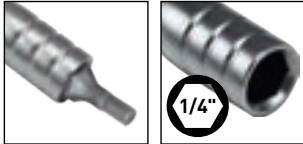
Mini fine-tooth reversible ratchet 1/4"



Art.		L mm
3006	1/4"	95



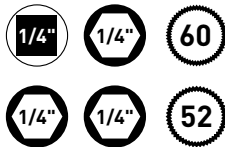
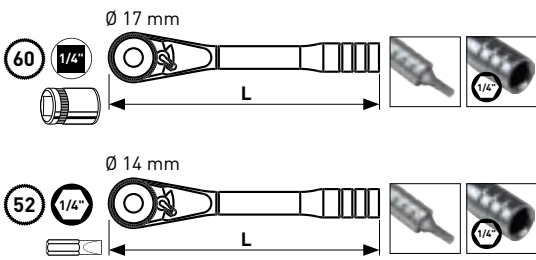
Mini bit ratchet handle 1/4"



Art.		L mm
4004R2	1/4"	95



Mini reversible ratchet handle set 1/4", 2 pcs.

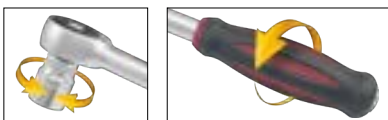


Art.		L mm
4004RS	1/4"	95



Twist handle ratchet

For working in the tightest of spaces. By turning the the two-component handle, the square can be moved without a moved. Square socket in handle for extension or T-handle. Can also be used as a normal ratchet with fine tootinging (60 teeth). By simply turning the handle, the square rotates in a clockwise or anticlockwise direction, providing complete flexibility.



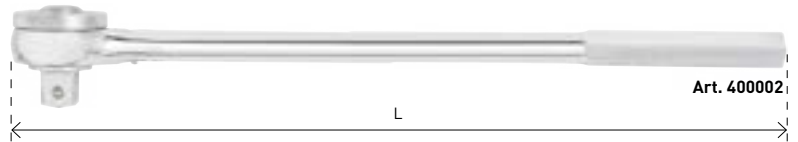
Art.		L mm
3208	1/4"	180
3218	3/8"	240
3228	1/2"	290




5.2. REVERSIBLE RATCHETS

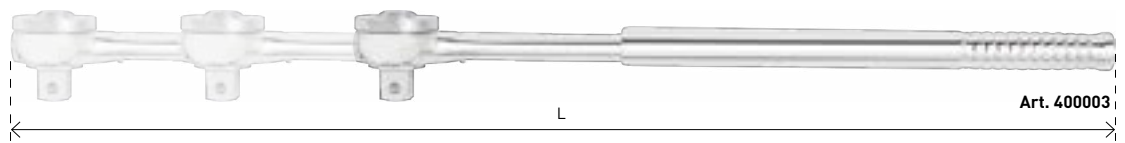
Heavy duty ratchet 3/4"

Heavy duty version ideal for construction/ agriculture industry or trucks
 Reversible for clockwise/anticlockwise operation
 Telescopic shaft lockable
 45 teeth
 For Sockets, connecting parts etc. with square according to DIN 312 - C 6.3, ISO 1174



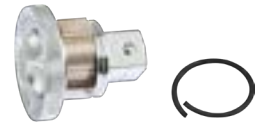
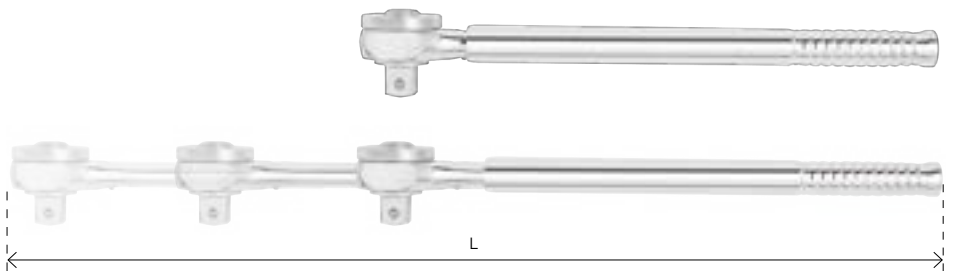
2006/42/EC

Art.			L mm
400002	Q.R. rev. ratchet handle 3/4"	3/4"	500
400003	Q.R. rev. extension ratchet handle 3/4"	3/4"	500-800
400002E	Repair-kit for 400002 and 400003	3/4"	-




Extendable heavy duty reversible ratchet handle 1"

Heavy duty version ideal for construction/ agriculture industry or trucks
 Reversible for clockwise/anticlockwise operation
 Telescopic shaft lockable
 43 teeth
 For Sockets, connecting parts etc. with square according to DIN 312 - C 6.3, ISO 1174



Art. 500002E

Art.			L mm
500002	Telescope rev. ratchet handle 1" dr.	1"	500-800
500002E	Repair-kit for 500002	1"	-

DIN 3122






DIN 3122

Fine-tooth telescopic reversible ratchet

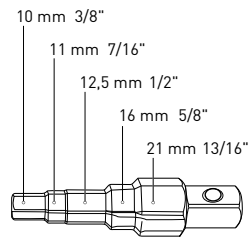



Art.			L mm
2000	Ext. ratchet handle 1/4" dr.	1/4"	150 -200
2000E	Repair-kit for 2000	1/4"	-
2010	Ext. ratchet handle 3/8" dr.	3/8"	215-315
2010E	Repair-kit for 2010	3/8"	-
2020	Ext. ratchet handle 1/2"	1/2"	307-447
2020E	Repair-kit for 2020	1/2"	-



Art. 2000E / 2010E / 2020E

Step wrench set, 3 pcs.
5 steps, with go-through ratchet handle and socket adapter 1/2"



Art.		L mm
5461SET	1/2"	270




BASIC LINE

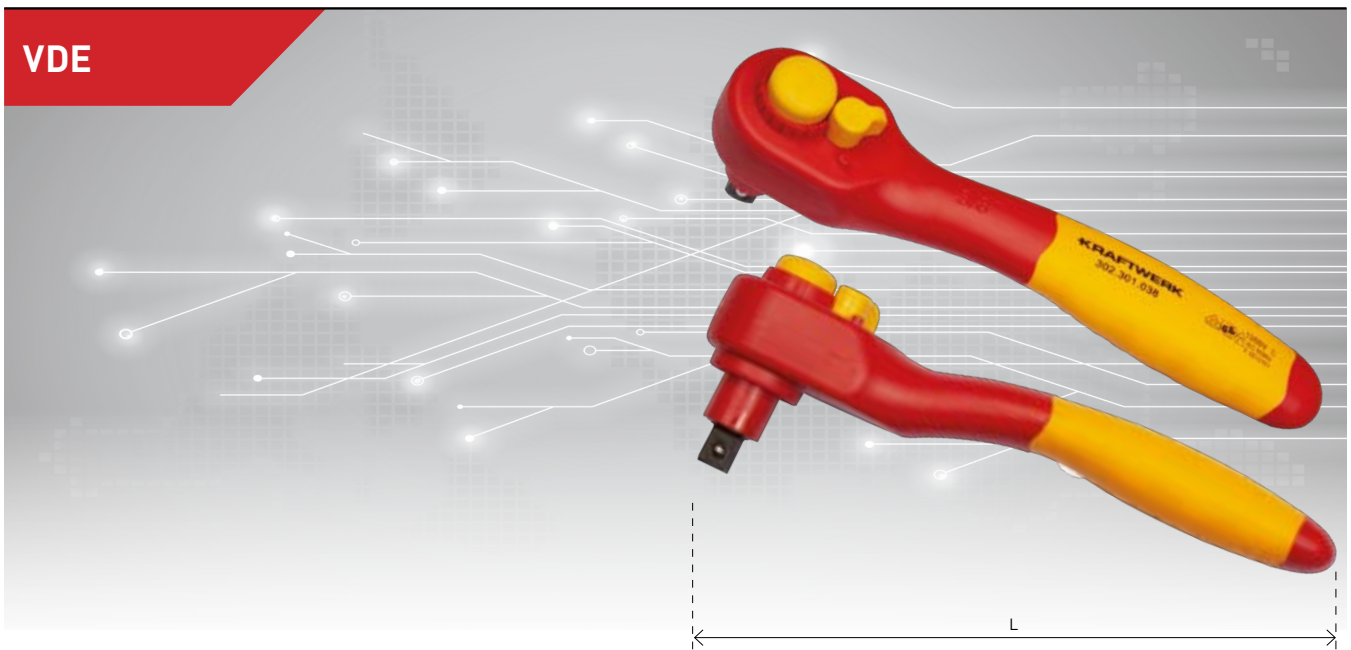
BASIC LINE Ratchet

According to DIN 3122 / ISO 3315
With lever for clockwise/anticlockwise operation
Quick ejection-mechanism
72 teeth
Ergonomic and non-slip 2-component handle
For Sockets, connecting parts etc. with square according to DIN 3120 C 6.3, ISO 1174



Art.		L mm
303.100.000	1/4"	152
303.100.100	3/8"	188
303.100.200	1/2"	255






Electrician's reversible ratchet VDE 3/8"

Insulated reversible ratchet for working in the area of live parts



Art.		L mm
302.301.038	3/8"	190



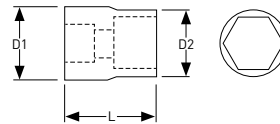


1/4" hexagonal socket

Chrome vanadium
Chrome-plated and polished

DIN 3124 / ISO 2725-1

Art.		mm	D1 mm	D2 mm	L mm
100035	1/4"	3.5	12	6.1	25
100040	1/4"	4	12	6.7	25
100045	1/4"	4.5	12	7.3	25
100050	1/4"	5	12	8	25
100055	1/4"	5.5	12	8.6	25
100060	1/4"	6	12	9.2	25
100070	1/4"	7	12	10.7	25
100080	1/4"	8	12	11.8	25
100090	1/4"	9	13	13	25
100100	1/4"	10	15	14.3	25
100110	1/4"	11	16	15.8	25
100120	1/4"	12	17	16.8	25
100130	1/4"	13	18	17.8	25
100140	1/4"	14	20	19.8	25

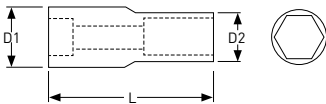


1/4" hexagonal socket inch

Chrome vanadium
Chrome-plated and polished

DIN 3124 / ISO 2725-1

Art.		inch	D1 mm	D2 mm	L mm
100502	1/4"	5/32"	12	7.2	25
100503	1/4"	3/16"	12	7.8	25
100504	1/4"	7/32"	12	8.5	25
100505	1/4"	1/4"	12	9.5	25
100506	1/4"	9/32"	12	10.7	25
100507	1/4"	5/16"	12	11.8	25
100508	1/4"	11/32"	13	13	25
100509	1/4"	3/8"	15	14.2	25
100510	1/4"	7/16"	16	15.7	25
100511	1/4"	1/2"	18	17.7	25
100512	1/4"	9/16"	18	19.7	25

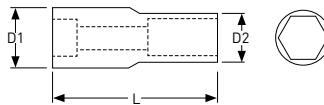


1/4" hexagonal deep socket

Chrome vanadium
Chrome-plated and polished

DIN 3124 / ISO 2725-1

Art.		mm	D1 mm	D2 mm	L mm
101040	1/4"	4	7	6.7	50
101045	1/4"	4.5	12	7.5	50
101050	1/4"	5	8	8	50
101055	1/4"	5.5	9	8.7	50
101060	1/4"	6	9	9.2	50
101070	1/4"	7	11	10.8	50
101080	1/4"	8	12	11.9	50
101090	1/4"	9	13	13.1	50
101100	1/4"	10	15	14.6	50
101110	1/4"	11	16	15.9	50
101120	1/4"	12	17	16.9	50
101130	1/4"	13	18	17.9	50

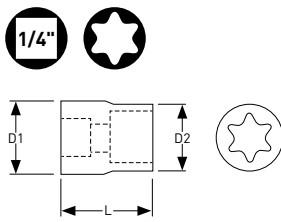


1/4" hexagonal deep socket inch

Chrome-plated and polished
Chrome vanadium



DIN 3124 / ISO 2725-1

Art.		inch	D1 mm	D2 mm	L mm
101503	1/4"	3/16"	12	7.9	50
101504	1/4"	7/32"	12	8.9	50
101505	1/4"	1/4"	12	9.9	50
101506	1/4"	9/32"	12	11	50
101507	1/4"	5/16"	12	11.9	50
101508	1/4"	11/32"	14	13.1	50
101509	1/4"	3/8"	15	14.6	50
101510	1/4"	7/16"	16	15.9	50
101511	1/4"	1/2"	18	17.9	50








1/4" TX socket

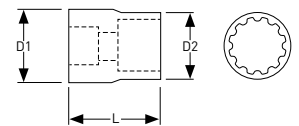
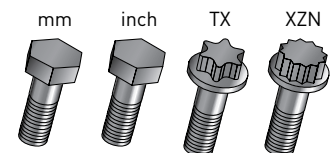
Chrome-plated and polished
Chrome vanadium

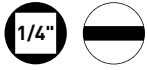
Art.			D1 mm	D2 mm	L mm
120004	1/4"	E4	12	7.2	25
120005	1/4"	E5	12	8	25
120006	1/4"	E6	12	8	25
120007	1/4"	E7	12	8.9	25
120008	1/4"	E8	12	10.3	25
120010	1/4"	E10	12	12.7	25
120011	1/4"	E11	12	14.1	25

1/4" COMBI socket

Chrome-plated and polished
Chrome vanadium

Art.						D1 mm	D2 mm	L mm
	1/4"	mm	inch		XZN			
130040	1/4"	4	5/32"	E5	M5	12	6.8	25
130045	1/4"	4.5	3/16"	E6		12	7.3	25
130050	1/4"	5	3/16" 13/64"		M6	12	7.9	25
130055	1/4"	5.5	7/32"	E7		12	8.7	25
130060	1/4"	6	1/4"	E8	M8	12	9.3	25
130070	1/4"	7	9/32"			12	10.6	25
130080	1/4"	8	5/16"	E10	M10	12	12.8	25
130090	1/4"	9	11/32"			12	12.8	25
130100	1/4"	10	3/8"	E12	M12	14	15.8	25
130110	1/4"	11	7/16"	E14	M14	14	15.8	25
130120	1/4"	12	15/32"	E16		15	16.8	25
130130	1/4"	13	1/2"		M16	16	17.8	25
130140	1/4"	14	9/16"	E18	M18	18	19.8	25





1/4" slotted bit socket

Chrome vanadium
Chrome-plated and polished

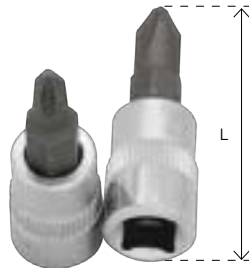
Art.	1/4"	mm	L mm
102040	1/4"	0.5 × 4.0	38
102055	1/4"	0.8 × 5.5	38
102065	1/4"	1.0 × 6.5	38



1/4" TX bit socket

Chrome vanadium
Chrome-plated and polished

Art.	1/4"	Star	L mm
105008	1/4"	T 8	38
105010	1/4"	T 10	38
105015	1/4"	T 15	38
105020	1/4"	T 20	38
105025	1/4"	T 25	38
105027	1/4"	T 27	38
105030	1/4"	T 30	38
105040	1/4"	T 40	38



1/4" Phillips bit socket

Chrome vanadium
Chrome-plated and polished

Art.	1/4"	+	L mm
103001	1/4"	PH 1	38
103002	1/4"	PH 2	38
103003	1/4"	PH 3	38



1/4" 5-star TX bit socket

Chrome vanadium
Chrome-plated and polished

DIN 3124 / ISO 2725-1

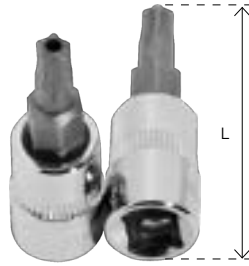
Art.	1/4"	5-Star	L mm
115008	1/4"	TS 8	38
115009	1/4"	TS 9	38
115010	1/4"	TS 10	38
115015	1/4"	TS 15	38
115020	1/4"	TS 20	38
115025	1/4"	TS 25	38
115027	1/4"	TS 27	38
115030	1/4"	TS 30	38
115040	1/4"	TS 40	38



1/4" Pozidriv bit socket

Chrome vanadium
Chrome-plated and polished

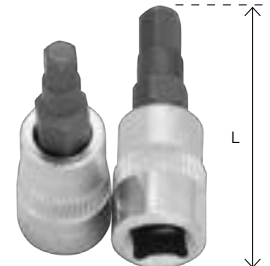
Art.	1/4"	PZ	L mm
104000	1/4"	PZ 0	38
104001	1/4"	PZ 1	38
104002	1/4"	PZ 2	38
104003	1/4"	PZ 3	38

**1/4" 5-star tamper TX bit socket**

Chrome vanadium
Chrome-plated and polished

DIN 3124 / ISO 2725-1

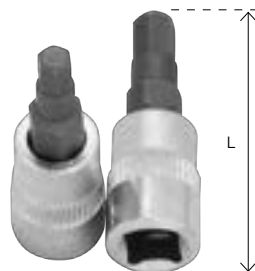
Art.			L mm
115308	1/4"	TS 8	38
115309	1/4"	TS 9	38
115310	1/4"	TS10	38
115315	1/4"	TS15	38
115320	1/4"	TS20	38
115325	1/4"	TS25	38
115327	1/4"	TS27	38
115330	1/4"	TS30	38
115340	1/4"	TS40	38

**1/4" internal hexagon bit socket**

Chrome vanadium
Chrome-plated and polished

DIN 3124 / ISO 2725-1

Art.			L mm
106003	1/4"	3	38
106004	1/4"	4	38
106005	1/4"	5	38
106006	1/4"	6	38
106007	1/4"	7	38
106008	1/4"	8	38

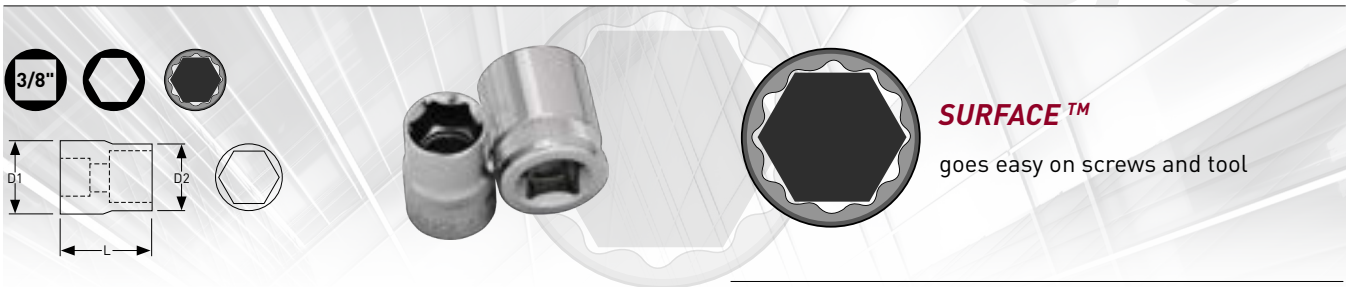
**1/4" internal hexagon bit socket inch**

Chrome vanadium
Chrome-plated and polished

DIN 3124 / ISO 2725-1

Art.			L mm
106501	1/4"	1/8"	38
106502	1/4"	5/32"	38
106503	1/4"	3/16"	38
106504	1/4"	7/32"	38
106505	1/4"	1/4"	38



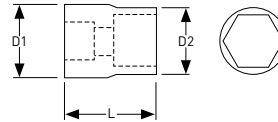


3/8" hexagonal socket

Chrome vanadium
Chrome-plated and polished

DIN 3124 / ISO 2725-1

Art.			D1 mm	D2 mm	L mm
200060	3/8"	6	17	9.3	25
200070	3/8"	7	17	10.8	25
200080	3/8"	8	17	12	25
200090	3/8"	9	17	12.9	25
200100	3/8"	10	17	14.5	25
200110	3/8"	11	17	15.8	25
200120	3/8"	12	17	17	25
200130	3/8"	13	19	18.9	25
200140	3/8"	14	20	19.5	25
200150	3/8"	15	22	20.8	25
200160	3/8"	16	22	22	25
200170	3/8"	17	24	23.3	25
200180	3/8"	18	26	24	25
200190	3/8"	19	26	25.8	26
200200	3/8"	20	28	27.7	29
200210	3/8"	21	28	27.9	29
200220	3/8"	22	30	29.5	32
200240	3/8"	24	32	31.9	32

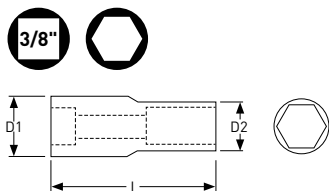


3/8" hexagonal socket inch

Chrome vanadium
Chrome-plated and polished

DIN 3124 / ISO 2725-1

Art.			D1 mm	D2 mm	L mm
200505	3/8"	1/4"	18	10	25
200507	3/8"	5/16"	18	11.7	25
200509	3/8"	3/8"	18	13.8	25
200510	3/8"	7/16"	18	16	25
200511	3/8"	1/2"	18	17.9	25
200512	3/8"	9/16"	20	19.7	25
200513	3/8"	5/8"	23	22.2	25
200514	3/8"	11/16"	24	23.9	25
200515	3/8"	3/4"	26	25.9	25
200516	3/8"	13/16"	28	27.9	29
200517	3/8"	7/8"	30	29.7	29
200518	3/8"	15/16"	32	31.9	29
200519	3/8"	1"	34	33.9	29



3/8" hexagonal deep socket

Chrome vanadium
Chrome-plated and polished

DIN 3124 / ISO 2725-1

Art.			D1 mm	D2 mm	L mm
201080	3/8"	8	17	12	64
201100	3/8"	10	17	14.4	64
201110	3/8"	11	17	15.9	64
201120	3/8"	12	19	16.8	64
201130	3/8"	13	19	18.8	64
201140	3/8"	14	20	19.8	64
201150	3/8"	15	20	20.4	64
201170	3/8"	17	24	23.8	64
201180	3/8"	18	24	23.8	64
201190	3/8"	19	26	26	64
201220	3/8"	22	30	29.5	64

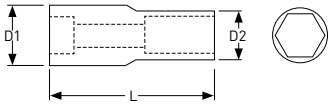


3/8" spark plug socket

Chrome vanadium
Chrome-plated and polished

DIN 3124 / ISO 2725-1

Art.			D mm	L mm
201114	3/8"	14	18	64
201160	3/8"	16	22	64
201118	3/8"	18	24	64
201210	3/8"	21	28	64



3/8" hexagonal deep socket inch

Chrome vanadium
Chrome-plated and polished

DIN 3124 / ISO 2725-1

Art.		inch	D1 mm	D2 mm	L mm
201509		3/8"	17	14.4	64
201510		7/16"	17	16	64
201511		1/2"	18	17.8	64
201512		9/16"	20	19.8	64
201514		11/16"	24	23.8	64
201515		3/4"	26	25.8	64
201517		7/8"	30	29.8	64

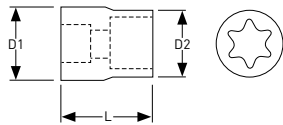


3/8" hexagonal deep socket inch

Chrome vanadium
Chrome-plated and polished

DIN 3124 / ISO 2725-1

Art.		inch	D mm	L mm
201513		3/8"	22	64
201516		13/16"	28	70



3/8" TX socket

Chrome vanadium
Chrome-plated and polished

DIN 3124 / ISO 2725-1

Art.		inch	D1 mm	D2 mm	L mm
220004		3/8"	18	7.1	26
220005		3/8"	18	8	26
220006		3/8"	18	8	26
220007		3/8"	18	9	26
220008		3/8"	18	10.5	26
220010		3/8"	18	13	26
220011		3/8"	18	14	26
220012		3/8"	18	15.5	26
220014		3/8"	18	18.9	28
220016		3/8"	18	18.9	28
220018		3/8"	18	19.8	28
220020		3/8"	18	21.8	30

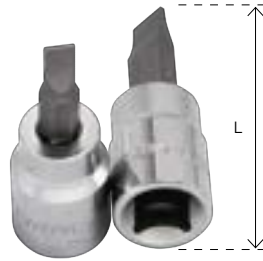
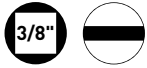


3/8" spark plug socket

Double hexagonal profile
Extra slim
For spark plugs that are difficult to access
Prevents damage to the ceramic

DIN 3124 / ISO 2725-1

Art.		mm	D mm	L mm
201114-1		14	18	64



3/8" slotted bit socket

Chrome vanadium
Chrome-plated and polished

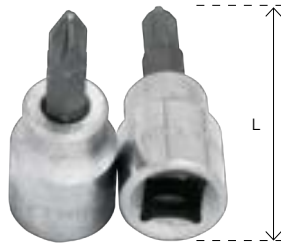
Art.	3/8"	mm	L mm
202055	3/8"	0.8 × 5.5	48
202065	3/8"	1.0 × 6.5	48
202080	3/8"	1.6 × 8.0	48



3/8" TX bit socket

Chrome vanadium
Chrome-plated and polished

Art.	3/8"	TX	L mm
205010	3/8"	T10	48
205015	3/8"	T15	48
205020	3/8"	T20	48
205025	3/8"	T25	48
205027	3/8"	T27	48
205030	3/8"	T30	48
205040	3/8"	T40	48
205045	3/8"	T45	48
205050	3/8"	T50	48
205055	3/8"	T55	48
205060	3/8"	T60	48



3/8" Phillips bit socket

Chrome vanadium
Chrome-plated and polished

Art.	3/8"	PH	L mm
203001	3/8"	PH 1	48
203002	3/8"	PH 2	48
203003	3/8"	PH 3	48



3/8" tamper TX bit socket

Chrome vanadium
Chrome-plated and polished

DIN 3124 / ISO 2725-1

Art.	3/8"	TX	L mm
205310	3/8"	T10	48
205315	3/8"	T15	48
205320	3/8"	T20	48
205325	3/8"	T25	48
205327	3/8"	T27	48
205330	3/8"	T30	48
205340	3/8"	T40	48
205345	3/8"	T45	48
205350	3/8"	T50	48
205355	3/8"	T55	48
205360	3/8"	T60	48



3/8" Pozidriv bit socket

Chrome vanadium
Chrome-plated and polished

Art.	3/8"	PZ	L mm
204001	3/8"	PZ 1	48
204002	3/8"	PZ 2	48
204003	3/8"	PZ 3	48



3/8" internal hexagon bit socket

Chrome vanadium
Chrome-plated and polished

DIN 3124 / ISO 2725-1

Art.	□	⬡ mm	L mm
206003	3/8"	3	48
206004	3/8"	4	48
206005	3/8"	5	48
206006	3/8"	6	48
206007	3/8"	7	48
206008	3/8"	8	48
206010	3/8"	10	48



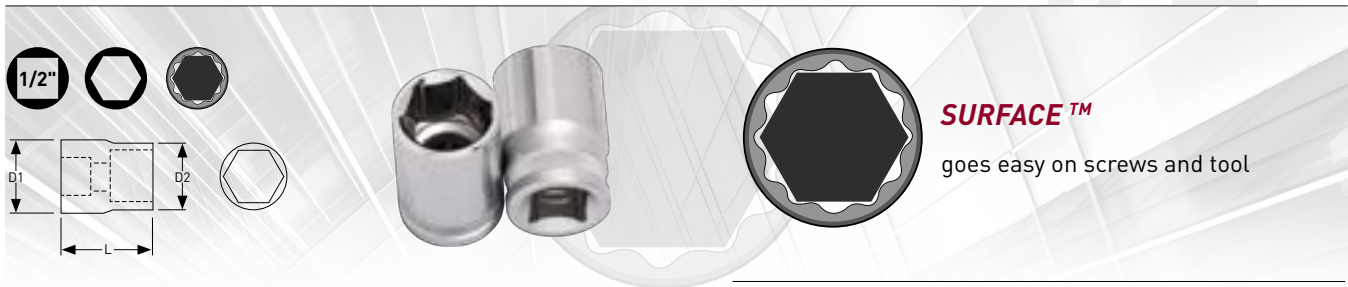
3/8" internal hexagon bit socket inch

Chrome vanadium
Chrome-plated and polished

DIN 3124 / ISO 2725-1

Art.	□	⬡ inch	L mm
206501	3/8"	1/8"	48
206502	3/8"	5/32"	48
206503	3/8"	3/16"	48
206504	3/8"	7/32"	48
206505	3/8"	1/4"	48
206507	3/8"	5/16"	48
206509	3/8"	3/8"	48

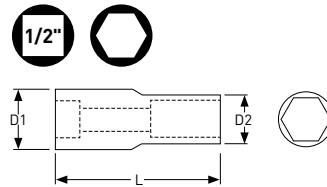




1/2" hexagonal socket

Chrome vanadium
Chrome-plated and polished

Art.		mm	D1 mm	D2 mm	L mm
300080	1/2"	8	22	13.3	38
300100	1/2"	10	22	15.3	38
300110	1/2"	11	22	16.5	38
300120	1/2"	12	22	17.8	38
300130	1/2"	13	22	19	38
300140	1/2"	14	22	20.3	38
300150	1/2"	15	22	21.8	38
300160	1/2"	16	22	22.2	38
300170	1/2"	17	24	23.9	38
300180	1/2"	18	24	24.9	38
300190	1/2"	19	24	25.9	38
300200	1/2"	20	24	27.8	38
300210	1/2"	21	24	27.9	38
300220	1/2"	22	27	29.9	38
300240	1/2"	24	27	31.9	38
300270	1/2"	27	30	35.9	40
300300	1/2"	30	33	39.9	43
300320	1/2"	32	35	41.9	43
300340	1/2"	34	35	43.8	43

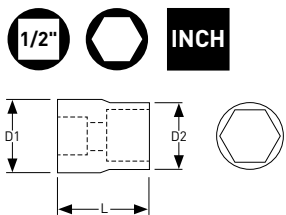


1/2" hexagonal deep socket

Chrome vanadium
Chrome-plated and polished

DIN 3124 / ISO 2725-1

Art.		mm	D1 mm	D2 mm	L mm
301100	1/2"	10	22	15.3	77
301110	1/2"	11	22	16.5	77
301116	1/2"	16	22	22	77
301120	1/2"	12	22	17.8	77
301130	1/2"	13	22	19	77
301140	1/2"	14	22	20.3	77
301150	1/2"	15	22	22	77
301170	1/2"	17	24	23.8	77
301180	1/2"	18	26	25.8	77
301190	1/2"	19	26	25.8	77
301220	1/2"	22	30	29.8	77



1/2" hexagonal socket inch

Chrome vanadium
Chrome-plated and polished

Art.		inch	D1 mm	D2 mm	L mm
302.202.100	1/2"	3/8"	22	16	38
302.202.101	1/2"	7/16"	22	17	38
302.202.102	1/2"	1/2"	22	19	38
302.202.103	1/2"	9/16"	22	20	38
302.202.104	1/2"	5/8"	22	24	38
302.202.105	1/2"	11/16"	23	25	38
302.202.106	1/2"	3/4"	24	26	38
302.202.107	1/2"	13/16"	25	28	38
302.202.108	1/2"	7/8"	26	30	38
302.202.109	1/2"	1/2" 15/16"	28	32	38



1/2" spark plug socket

Chrome vanadium
Chrome-plated and polished





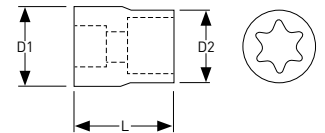
DIN 3124 / ISO 2725-1

Art.		mm	D mm	L mm
301160	1/2"	16	23	64
301210	1/2"	21	28	70



1/2" TX socket

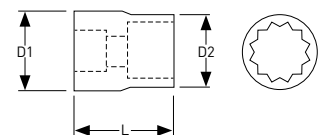
Chrome-plated and polished
Chrome vanadium

Art.			D1 mm	D2 mm	L mm
320010	1/2"	E10	22	13	38
320012	1/2"	E12	22	15	38
320014	1/2"	E14	22	17	38
320016	1/2"	E16	22	19	38
320018	1/2"	E18	24	21	38
320020	1/2"	E20	26	23.5	38
320022	1/2"	E22	26	26	38
320024	1/2"	E24	28	28	40






**1/2" socket 12-point**

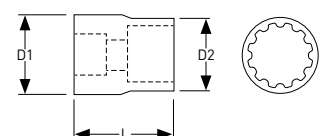
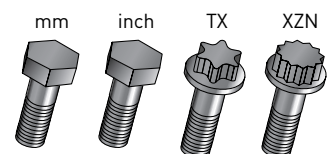
Chrome vanadium

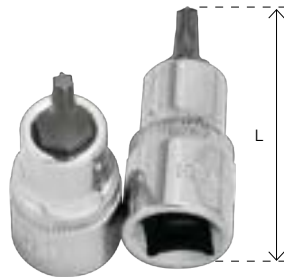
Art.			D1 mm	D2 mm	L mm
302.202.202	1/2"	10	22	16	38
302.202.203	1/2"	11	22	17	38
302.202.204	1/2"	12	22	18	38
302.202.205	1/2"	13	22	19	38
302.202.206	1/2"	14	22	20	38
302.202.207	1/2"	15	22	22	38
302.202.208	1/2"	16	22	24	38
302.202.209	1/2"	17	22	24	38
302.202.210	1/2"	18	25	24.9	38
302.202.211	1/2"	19	24	25.9	38
302.202.212	1/2"	20	24	27.8	38
302.202.213	1/2"	21	24	27.9	38
302.202.214	1/2"	22	26	29.9	38
302.202.215	1/2"	23	26	31.1	40
302.202.216	1/2"	24	26	31.9	40
302.202.218	1/2"	26	28	33.9	40
302.202.219	1/2"	27	29	35.9	40
302.202.220	1/2"	28	30	37.6	40
302.202.222	1/2"	30	33	39.9	42
302.202.224	1/2"	32	34	41.9	42

**1/2" COMBI socket**

Chrome vanadium

Art.						D1 mm	D2 mm	L mm
330100	1/2"	10	3/8"	E12	M12	22	15.5	38
330110	1/2"	11	7/16"	E14	M14	22	16.5	38
330120	1/2"	12	15/32"	E16		22	17.7	38
330130	1/2"	13	1/2"		M16	22	19	38
330140	1/2"	14	9/16"	E18	M18	22	19.9	38
330150	1/2"	15	19/32"			21	21.8	38
330160	1/2"	16	5/8"	E20		22	23.8	38
330170	1/2"	17				22	23.8	38
330180	1/2"	18		E22		24	25.6	38
330190	1/2"	19	3/4"	E24		24	25.8	38
330200	1/2"	20	25/32"			26	27.8	38
330210	1/2"	21				26	29	38
330220	1/2"	22	7/8"			26	30	38
330240	1/2"	24	15/16"			28	32	38
330270	1/2"	27	1 1/16"			31	35.6	42
330300	1/2"	30	1 1/18"			34	39.7	44
330320	1/2"	32	1 1/4"			36	41.8	44





1/2" TX bit socket

Chrome vanadium
Chrome-plated
and polished

Art.	□	★	L mm
325010	1/2"	T10	56
325015	1/2"	T15	56
325020	1/2"	T20	56
325025	1/2"	T25	56
325027	1/2"	T27	56
325030	1/2"	T30	56
325040	1/2"	T40	56
325045	1/2"	T45	56
325050	1/2"	T50	56
325055	1/2"	T55	56
325060	1/2"	T60	56
325070	1/2"	T70	56



1/2" long TX bit socket

Chrome vanadium
Chrome-plated and polished

Art.	□	★	L mm
335010	1/2"	T10	100
335015	1/2"	T15	100
335020	1/2"	T20	100
335025	1/2"	T25	100
335027	1/2"	T27	100
335030	1/2"	T30	100
335040	1/2"	T40	100
335045	1/2"	T45	100
335050	1/2"	T50	100
335055	1/2"	T55	100
335060	1/2"	T60	100



1/2" long tamper TX bit socket

Chrome vanadium
Chrome-plated and polished

Art.	□	★	L mm
345330	1/2"	T30	200
345340	1/2"	T40	200
345345	1/2"	T45	200
335370	1/2"	T70	100
325380	1/2"	T80	200
325381	1/2"	T80	70

**1/2" internal hexagon socket**

Chrome vanadium
Chrome-plated and polished

DIN 3124 / ISO 2725-1

Art.	1/2"	mm	L mm
326005	1/2"	5	55
326006	1/2"	6	55
326007	1/2"	7	55
326008	1/2"	8	55
326010	1/2"	10	55
326012	1/2"	12	55
326014	1/2"	14	55
326017	1/2"	17	55

**1/2" internal hexagon socket**

Chrome vanadium
Chrome-plated and polished

DIN 3124 / ISO 2725-1

Art.	1/2"	mm	L mm
336005	1/2"	5	100
336006	1/2"	6	100
336007	1/2"	7	100
336008	1/2"	8	100
336010	1/2"	10	100
336012	1/2"	12	100



XZN

**1/2" spline bit socket**

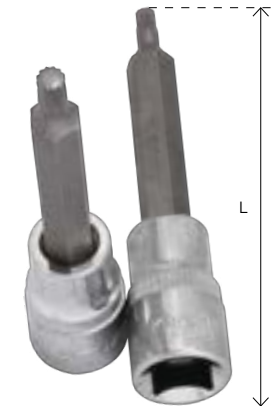
Chrome vanadium
Chrome-plated and polished

DIN 3124 / ISO 2725-1

Art.	1/2"	XZN	L mm
328005	1/2"	M5	55
328006	1/2"	M6	55
328008	1/2"	M8	55
328010	1/2"	M10	55
328012	1/2"	M12	55
328014	1/2"	M14	55
328016	1/2"	M16	55

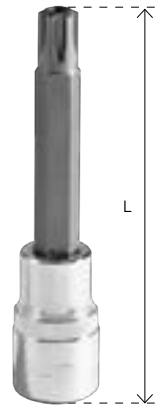


XZN

**1/2" long spline bit socket**

Chrome vanadium
Chrome-plated and polished

Art.	1/2"	XZN	L mm
338005	1/2"	M5	100
338006	1/2"	M6	100
338008	1/2"	M7	100
338010	1/2"	M8	100
338012	1/2"	M9	100



1/2" tamper RIBE bit socket

Chrome vanadium
Chrome-plated and polished

DIN 3124 / ISO 2725-1

Art.	□	⚙	L mm
329005	1/2"	M5	55
329006	1/2"	M6	55
329007	1/2"	M7	55
329008	1/2"	M8	55
329009	1/2"	M9	55
329010	1/2"	M10	55
329011	1/2"	M11	55
329012	1/2"	M12	55
329013	1/2"	M13	55
329014	1/2"	M14	55

1/2" long tamper RIBE bit socket

Chrome vanadium
Chrome-plated and polished

Art.	□	⚙	L mm
339005	1/2"	M5	100
339006	1/2"	M6	100
339007	1/2"	M7	100
339008	1/2"	M8	100
339009	1/2"	M9	100
339010	1/2"	M10	100
339011	1/2"	M11	100
339012	1/2"	M12	100
339013	1/2"	M13	100
339014	1/2"	M14	100





3/4" socket

Chrome vanadium
Chrome-plated and polished

DIN 3124 / ISO 2725-1

Art.	□	○ mm	D1 mm	D2 mm	L mm
400190	3/4"	19	33	29	50
400210	3/4"	21	33	31	50
400220	3/4"	22	36	32	50
400230	3/4"	23	36	33	50
400240	3/4"	24	36	34	51
400260	3/4"	26	38	36	52
400270	3/4"	27	36	38	52
400290	3/4"	29	38	40	52
400300	3/4"	30	38	42	54
400320	3/4"	32	38	44	56
400350	3/4"	35	42	48	58
400360	3/4"	36	42	50	58
400380	3/4"	38	45	52	60
400410	3/4"	41	45	56	64
400460	3/4"	46	47	62	68
400500	3/4"	50	48	68	72

1" socket

Chrome vanadium
Chrome-plated and polished

DIN 3124

Art.	□	○ mm	D1 mm	D2 mm	L mm
500360	1"	36	45	51	65
500380	1"	38	45	54	65
500410	1"	41	45	57	70
500460	1"	46	50	65	75
500500	1"	50	55	70	75
500540	1"	54	57	74	80
500550	1"	55	57	76	80
500580	1"	58	57	79	80
500600	1"	60	57	82	84
500630	1"	63	57	86	87
500650	1"	65	57	88	87
500670	1"	67	57	90	90
500700	1"	70	68	94	93
500710	1"	71	68	95	93
500750	1"	75	68	100	97
500770	1"	77	68	102	103
500800	1"	80	68	105	103





1/2" stubby impact socket

Chrome molybdenum

DIN 3129 / ISO 2725-2

Art.	□	○ mm	L mm
382100	1/2"	10	28
382120	1/2"	12	28
382130	1/2"	13	28
382140	1/2"	14	28
382150	1/2"	15	28
382170	1/2"	17	28
382190	1/2"	19	28
382210	1/2"	21	28
382220	1/2"	22	28
382240	1/2"	24	28



1/2" medium impact socket

Chrome molybdenum

DIN 3129 / ISO 2725-2

Art.	□	○ mm	L mm
380080	1/2"	8	38
380090	1/2"	9	38
380100	1/2"	10	38
380110	1/2"	11	38
380120	1/2"	12	38
380130	1/2"	13	38
380140	1/2"	14	38
380150	1/2"	15	38
380160	1/2"	16	38
380170	1/2"	17	38
380180	1/2"	18	38
380190	1/2"	19	38
380200	1/2"	20	38
380210	1/2"	21	38
380220	1/2"	22	38
380230	1/2"	23	38
380240	1/2"	24	38
380270	1/2"	27	38
380300	1/2"	30	38
380320	1/2"	32	38
380360	1/2"	36	38



1/2" deep impact socket

Chrome molybdenum

DIN 3129 / ISO 2725-2

Art.	□	○ mm	L mm
381080	1/2"	8	78
381090	1/2"	9	78
381100	1/2"	10	78
381120	1/2"	12	78
381130	1/2"	13	78
381140	1/2"	14	78
381150	1/2"	15	78
381160	1/2"	16	78
381170	1/2"	17	78
381180	1/2"	18	78
381190	1/2"	19	78
381200	1/2"	20	78
381210	1/2"	21	78
381220	1/2"	22	78
381230	1/2"	23	78
381240	1/2"	24	78
381270	1/2"	27	78
381300	1/2"	30	78
381320	1/2"	32	78
381341	1/2"	34	78
381360	1/2"	36	78



**1/2" deep impact socket
12-point**

Chrome molybdenum



DIN 3129 / ISO 2725-2

Art.	□	○ mm	L mm
381924	1/2"	24	85
381927	1/2"	27	85
381930	1/2"	30	85
381932	1/2"	32	85
381933	1/2"	33	85
381934	1/2"	34	85
381935	1/2"	35	85
381936	1/2"	36	85

1/2" hexagonal impact socket

Chrome molybdenum



DIN 3129 / ISO 2725-2

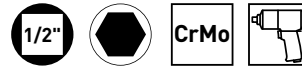
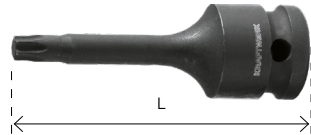
Art.		 mm	L mm
386014S	1/2"	14	38
386017S	1/2"	17	38
386019S	1/2"	19	38

**1/2" TX impact socket**

Chrome molybdenum



DIN 3129 / ISO 2725-2

Art.		 mm	L mm
385010	1/2"	T10	78
385015	1/2"	T15	78
385020	1/2"	T20	78
385025	1/2"	T25	78
385027	1/2"	T27	78
385030	1/2"	T30	78
385040	1/2"	T40	78
385045	1/2"	T45	78
385050	1/2"	T50	78
385055	1/2"	T55	78
385060	1/2"	T60	78
385070	1/2"	T70	78
385080	1/2"	T80	78
385090	1/2"	T90	78

**1/2" hexagonal impact socket**

Chrome molybdenum



DIN 3129 / ISO 2725-2

Art.		 mm	L mm
386003	1/2"	3	78
386004	1/2"	4	78
386005	1/2"	5	78
386006	1/2"	6	78
386007	1/2"	7	78
386008	1/2"	8	78
386009	1/2"	9	78
386010	1/2"	10	78
386012	1/2"	12	78
386014	1/2"	14	78
386016	1/2"	16	78
386017	1/2"	17	78

**1/2" spline impact socket**

Chrome molybdenum



DIN 3129 / ISO 2725-2, DIN 3121 / ISO 1174

Art.		 XZN	L mm
388004	1/2"	M4	78
388005	1/2"	M5	78
388006	1/2"	M6	78
388008	1/2"	M8	78
388009	1/2"	M9	78
388010	1/2"	M10	78
388012	1/2"	M12	78
388014	1/2"	M14	78
388016	1/2"	M16	78
388018	1/2"	M18	78

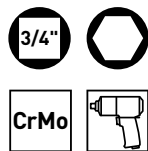
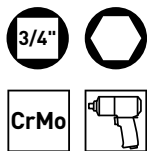
**1/2" RIBE impact socket**

Chrome molybdenum

DIN 3129 / ISO 2725-2, DIN 3121 / ISO 1174

Art.		 mm	L mm
389004	1/2"	RM4	78
389005	1/2"	RM5	78
389006	1/2"	RM6	78
389007	1/2"	RM7	78
389008	1/2"	RM8	78
389009	1/2"	RM9	78
389010	1/2"	RM10	78
389012	1/2"	RM12	78
389013	1/2"	RM13	78
389014	1/2"	RM14	78





3/4" impact socket

Chrome molybdenum

DIN 3129 / ISO 2725-2

Art.		mm	L mm
480170	3/4"	17	50
480190	3/4"	19	52
480200	3/4"	20	52
480210	3/4"	21	52
480220	3/4"	22	52
480230	3/4"	23	52
480240	3/4"	24	52
480250	3/4"	25	52
480260	3/4"	26	52
480270	3/4"	27	52
480280	3/4"	28	52
480290	3/4"	29	52
480300	3/4"	30	52
480320	3/4"	32	52
480330	3/4"	33	56
480340	3/4"	34	56
480350	3/4"	35	56
480360	3/4"	36	56
480380	3/4"	38	56
480410	3/4"	41	58
480460	3/4"	46	63
480500	3/4"	50	72

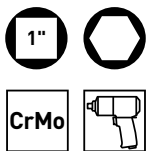
3/4" deep impact socket

Chrome molybdenum

DIN 3129 / ISO 2725-2

Art.		mm	L mm
481170	3/4"	17	90
481180	3/4"	18	90
481190	3/4"	19	90
481210	3/4"	21	90
481220	3/4"	22	90
481240	3/4"	24	90
481260	3/4"	26	90
481270	3/4"	27	90
481290	3/4"	29	90
481300	3/4"	30	90
481320	3/4"	32	90
481350	3/4"	35	90
481360	3/4"	36	90
481380	3/4"	38	92
481410	3/4"	41	92
481460	3/4"	46	92
481500	3/4"	50	95



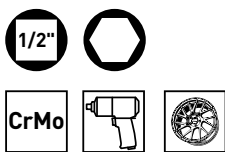


1" deep impact socket

Chrome molybdenum

DIN 3129 / ISO 2725-2

Art.	□	○ mm	L mm
581220	1"	22	90
581240	1"	24	90
581270	1"	27	90
581300	1"	30	90
581320	1"	32	90
581330	1"	33	90
581340	1"	34	90
581360	1"	36	90
581380	1"	38	92
581410	1"	41	92
581460	1"	46	92
581500	1"	50	95
581550	1"	55	100
581600	1"	60	105
581650	1"	65	120
581700	1"	70	124
581750	1"	75	135
581800	1"	80	135
581850	1"	85	140
581900	1"	90	140



1/2" deep impact socket

with plastic insert to protect the wheel nuts and plastic sleeve for aluminium rims

DIN 3129 / ISO 2725-2

Art.	□	○ mm	Image	L mm
381150-0	1/2"	15		85
381170-0	1/2"	17		85
381190-0	1/2"	19		85
381210-0	1/2"	21		85
381220-0	1/2"	22		85
381240-0	1/2"	24		85



1/2" deep impact socket

with plastic insert to protect the wheel nuts and plastic sleeve for aluminium rims

Art.	□	○ mm	Image	Car	L mm
381170-1	1/2"	17		Mercedes	86
302.000.021	1/2"	21		Hyundai	85

Replacement sleeve

Art.	for	Image
381170-1S	381170-1	
399.000.021	302.000.021	



1/4" + 3/8"

BASIC LINE

1/4" socket 6-point


with ball reception
For manual operation
Matt satin finish
Chrome vanadium

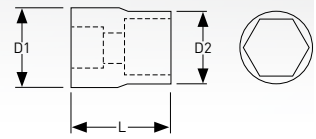
DIN 3124 / ISO 2725-1, DIN 3120 / ISO 1174

Art.			D1 mm	D2 mm	L mm
302.211.040	1/4"	4	12	6.7	12
302.211.045	1/4"	4.5	12	7.3	12
302.211.050	1/4"	5	12	8	12
302.211.055	1/4"	5.5	12	8.6	12
302.211.060	1/4"	6	12	9.2	12
302.211.070	1/4"	7	12	10.7	12
302.211.080	1/4"	8	12	11.8	12
302.211.090	1/4"	9	13	13	13
302.211.100	1/4"	10	15	14.3	15
302.211.110	1/4"	11	16	15.8	16
302.211.120	1/4"	12	17	16.8	17
302.211.130	1/4"	13	18	17.8	18
302.211.140	1/4"	14	20	19.8	20



1/4" socket 6-point, with hanger



Art.	
303.211.040	1/4"
303.211.045	1/4"
303.211.050	1/4"
303.211.055	1/4"
303.211.060	1/4"
303.211.070	1/4"
303.211.080	1/4"
303.211.090	1/4"
303.211.100	1/4"
303.211.110	1/4"
303.211.120	1/4"
303.211.130	1/4"
303.211.140	1/4"



3/8" socket 6-point


with ball reception
For manual operation
Matt satin finish
Chrome vanadium

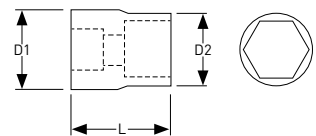
DIN 3124 / ISO 2725-1, DIN 3120 / ISO 1174

Art.			D1 mm	D2 mm	L mm
302.213.060	3/8"	6	17	9.3	17
302.213.070	3/8"	7	17	10.8	17
302.213.080	3/8"	8	17	12	17
302.213.090	3/8"	9	17	12.9	17
302.213.100	3/8"	10	17	14.5	17
302.213.110	3/8"	11	17	15.8	17
302.213.120	3/8"	12	18	17	18
302.213.130	3/8"	13	18	18.9	18
302.213.140	3/8"	14	20	19.5	20
302.213.150	3/8"	15	22	20.8	22
302.213.160	3/8"	16	22	22	22
302.213.170	3/8"	17	24	23.3	24
302.213.180	3/8"	18	26	24	26
302.213.190	3/8"	19	26	25.8	26
302.213.200	3/8"	20	28	27.7	28
302.213.210	3/8"	21	28	27.9	28
302.213.220	3/8"	22	30	29.5	30
302.213.230	3/8"	23	32	31.9	32
302.213.240	3/8"	24	32	31.9	32



3/8" socket 6-point, with hanger



Art.	
303.213.060	3/8"
303.213.070	3/8"
303.213.080	3/8"
303.213.090	3/8"
303.213.100	3/8"
303.213.110	3/8"
303.213.120	3/8"
303.213.130	3/8"
303.213.140	3/8"
303.213.150	3/8"
303.213.160	3/8"
303.213.170	3/8"
303.213.180	3/8"
303.213.190	3/8"
303.213.200	3/8"
303.213.210	3/8"
303.213.220	3/8"
303.213.230	3/8"
303.213.240	3/8"




1/2" socket 6-point

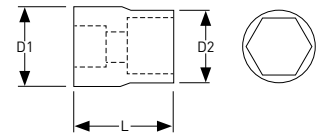
with ball reception
For manual operation
Matt satin finish
Chrome vanadium

DIN 3124 / ISO 2725-1, DIN 3120 / ISO 1174

Art.			D1 mm	D2 mm	L mm
302.212.080	1/2"	8	22	13.3	22
302.212.090	1/2"	9	22	15.3	22
302.212.100	1/2"	10	22	16.5	22
302.212.110	1/2"	11	22	16.5	22
302.212.120	1/2"	12	22	17.8	22
302.212.130	1/2"	13	22	19	22
302.212.140	1/2"	14	22	20.3	22
302.212.150	1/2"	15	22	21.8	22
302.212.160	1/2"	16	22	22.2	22
302.212.170	1/2"	17	24	23.9	24
302.212.180	1/2"	18	25	24.9	25
302.212.190	1/2"	19	26	25.9	26
302.212.200	1/2"	20	28	27.8	28
302.212.210	1/2"	21	28	27.9	28
302.212.220	1/2"	22	30	29.9	30
302.212.230	1/2"	23	32	30.9	32
302.212.240	1/2"	24	32	31.9	32
302.212.250	1/2"	25	34	32.9	34
302.212.260	1/2"	26	35	32.9	35
302.212.270	1/2"	27	36	35.9	36
302.212.280	1/2"	28	38	35.9	38
302.212.290	1/2"	29	39	39.9	39
302.212.300	1/2"	30	40	39.9	40
302.212.320	1/2"	32	42	41.9	42
302.212.360	1/2"	36	46	43.8	46

**1/2" socket 6-point, with hanger**



Art.	
303.212.080	1/2"
303.212.090	1/2"
303.212.100	1/2"
303.212.110	1/2"
303.212.120	1/2"
303.212.130	1/2"
303.212.140	1/2"
303.212.150	1/2"
303.212.160	1/2"
303.212.170	1/2"
303.212.180	1/2"
303.212.190	1/2"
303.212.200	1/2"
303.212.210	1/2"
303.212.220	1/2"
303.212.230	1/2"
303.212.240	1/2"
303.212.250	1/2"
303.212.260	1/2"
303.212.270	1/2"
303.212.280	1/2"
303.212.290	1/2"
303.212.300	1/2"
303.212.320	1/2"
303.212.360	1/2"

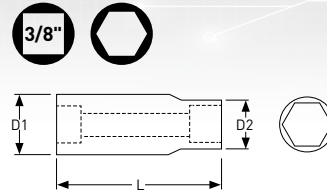


VDE

3/8" electrician's socket VDE

For working in the range of voltage carrying parts

Art.		 mm	D1 mm	D2 mm	L mm
302.300.008	3/8"	8	15	17	45
302.300.010	3/8"	10	15	19.5	45
302.300.012	3/8"	12	15	22.6	45
302.300.013	3/8"	13	15	23.6	45
302.300.014	3/8"	14	15	24.5	45
302.300.017	3/8"	17	30	28	45
302.300.019	3/8"	19	30	31	47
302.300.022	3/8"	22	30	34.5	47

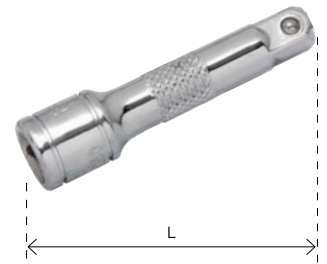


5.4. EXTENSIONS / ADAPTERS / ACCESSORIES

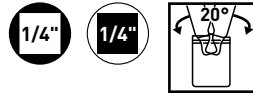
Extension bar





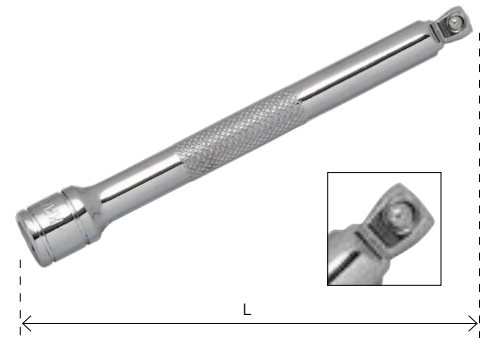
Art.			L mm
107050	1/4"	1/4"	50
107100	1/4"	1/4"	100



Duplex wobble extension bar




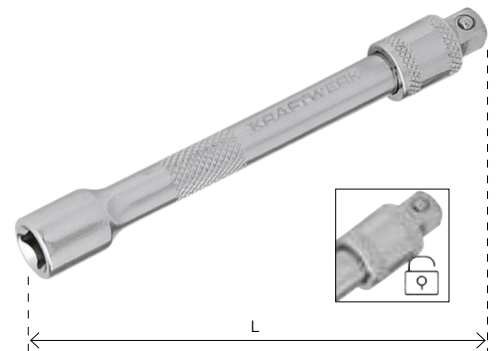
Art.			L mm
107101	1/4"	1/4"	100
107151	1/4"	1/4"	150



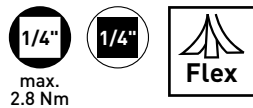
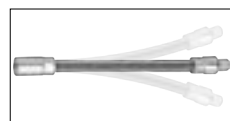
Locking extension bar



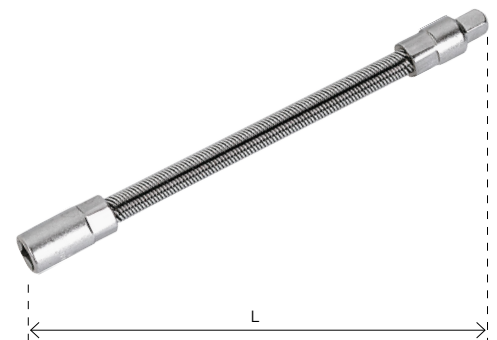
Art.			L mm
107102	1/4"	1/4"	100



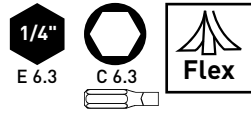
Flexible extension bar



Art.			L mm
107155	1/4"	1/4"	146



Flexible extension bar for bits



Art.			L mm
107140	1/4"	1/4"	145

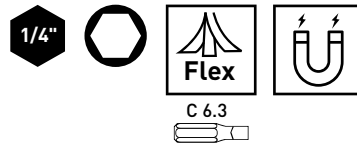
Flexible extension for sockets 1/4"



Art.			L mm
107330	1/4"	1/4"	≈ 330



Flexible extension for bits 1/4"

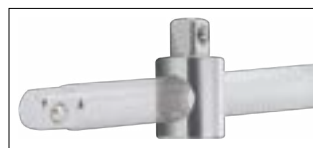


Art.			L mm
107331	1/4"	1/4"	330

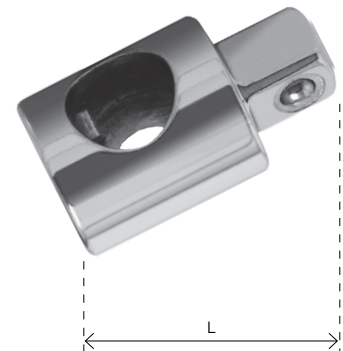


3-way t-bar-adaptor

Chrome-plated and polished
Chrome vanadium



Art.			L mm
108000	1/4"	1/4"	22



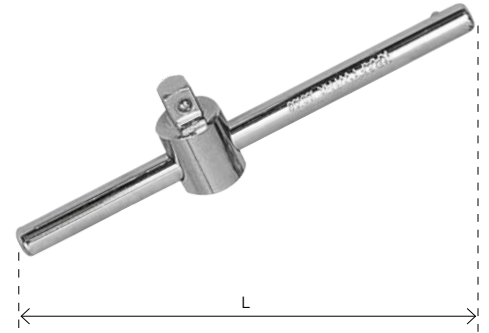
5.4. EXTENSIONS / ADAPTERS / ACCESSORIES

Sliding t-bar

Chrome-plated and polished
Chrome vanadium



Art.			L mm
108100	1/4"	1/4"	105

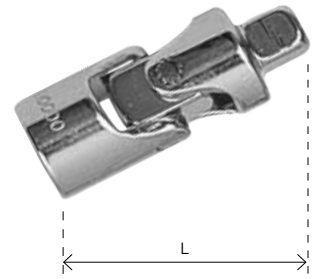


Universal joint

Chrome-plated and polished
Chrome vanadium



Art.			L mm
110000	1/4"	1/4"	35

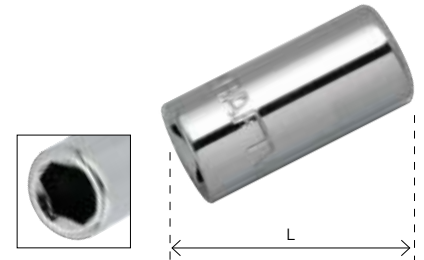


Coupler for bits

Chrome-plated and polished
Chrome vanadium



Art.			L mm
2760	1/4"	1/4"	25



Socket adapter

Chrome-plated and polished
Chrome vanadium

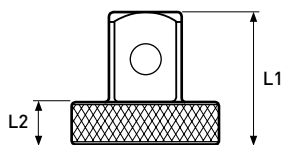


Art.			L mm
111380	1/4"	3/8"	40



Socket adapter set, 3 pcs.

with extra low profile



Art.			L1 mm	L2 mm
123003	1/4"	3/8"	18	6.5
	3/8"	1/2"	23	7.5
	1/2"	3/4"	34.5	11.5



Extension bar

Chrome-plated and polished
Chrome vanadium



DIN 3123

Art.			L mm
207075	3/8"	3/8"	75
207125	3/8"	3/8"	125
207150	3/8"	3/8"	150
207250	3/8"	3/8"	250

Duplex wobble extension bar

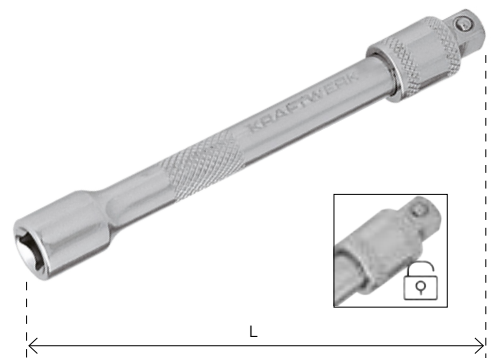
Chrome-plated and polished
Chrome vanadium



Art.			L mm
207076	3/8"	3/8"	75
207151	3/8"	3/8"	150
207251	3/8"	3/8"	250

Locking extension bar

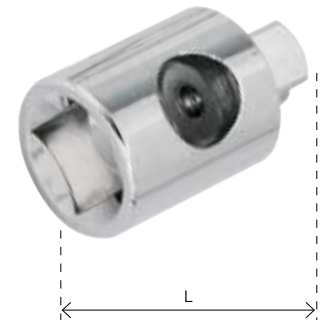
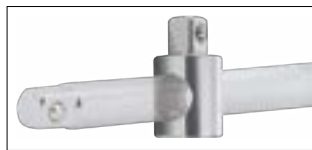
Chrome-plated and polished
Chrome vanadium



Art.			L mm
207152	3/8"	3/8"	150
207252	3/8"	3/8"	250

3-way t-bar-adaptor

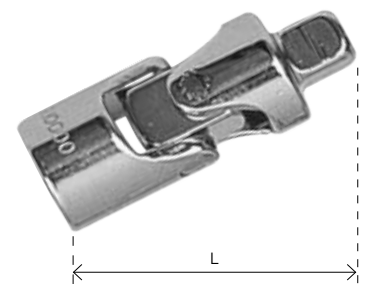
Chrome-plated and polished
Chrome vanadium



Art.			L mm
208000	1/2"	3/8"	22

Universal joint

Chrome-plated and polished
Chrome vanadium



Art.			L mm
210000	3/8"	3/8"	50

5.4. EXTENSIONS / ADAPTERS / ACCESSORIES

Adapter

Chrome-plated and polished
Chrome vanadium



Art.			L mm
213814	3/8"	1/4"	26



Coupler for bits



Art.			L mm
2761	3/8"	1/4"	25



Coupler for bits



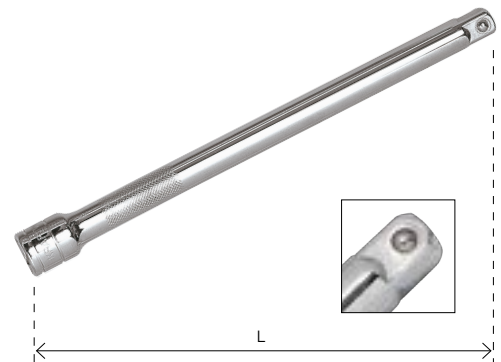
Art.			L mm
211516	3/8"	5/16"	29



Extension bar



Art.			L mm
307125	1/2"	1/2"	125
307250	1/2"	1/2"	250



Duplex wobble extension bar

External and internal square
External square for gripping the socket
Square socket for the reversible ratchet connection
Duplex extension to grip deeper-seated screws
Tilt angle: 20°



Art.			L mm
307126	1/2"	1/2"	125
307251	1/2"	1/2"	250

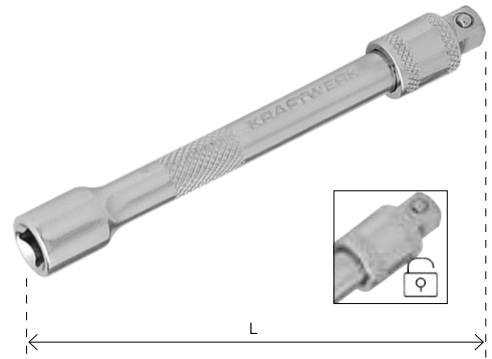


Locking extension bar

Chrome-plated and polished
Chrome vanadium



Art.			L mm
307127	1/2"	1/2"	125
307252	1/2"	1/2"	250



Impact extension bar

Chrome molybdenum



CrMo

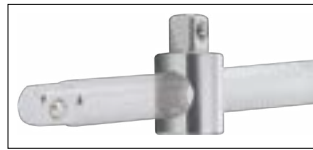


Art.			L mm
387125	1/2"	1/2"	125



3-way t-bar-adaptor

Chrome-plated and polished
Chrome vanadium



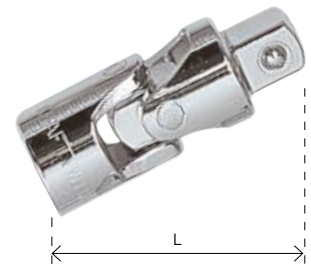
Art.				L mm
308000	3/8"	1/2"	307250	43



Universal joint



Art.			L mm
310000	1/2"	1/2"	75



Impact universal joint

Chrome molybdenum coated



CrMo

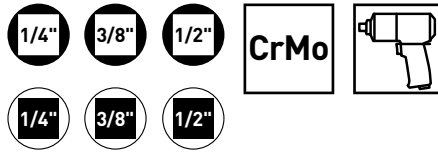
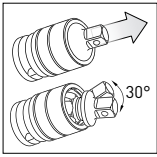


Art.			L mm
381000	1/2"	1/2"	65



5.4. EXTENSIONS / ADAPTERS / ACCESSORIES

Wobble impact universal joint set, 3 pcs.



CrMo



Art.			L mm
387998	1/4"	1/4"	37
	3/8"	3/8"	46
	1/2"	1/2"	62

Adapter



Art.			L mm
311340	1/2"	3/4"	46



Socket reducer



Art.			L mm
311380	1/2"	3/8"	37



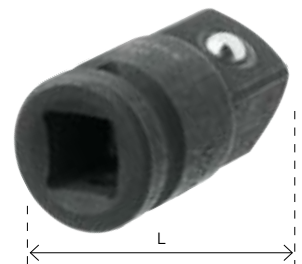
Impact adapter



CrMo



Art.			L mm
381340	1/2"	3/4"	48

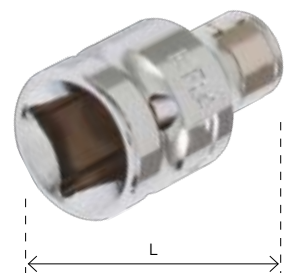


DIN 3129 / ISO 2725-2; DIN 3121 / ISO 1174

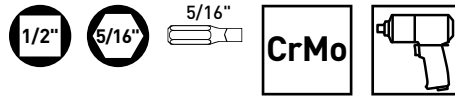
Coupler for bits



Art.			L mm
311516	1/2"	5/16"	38



Impact coupler for bits

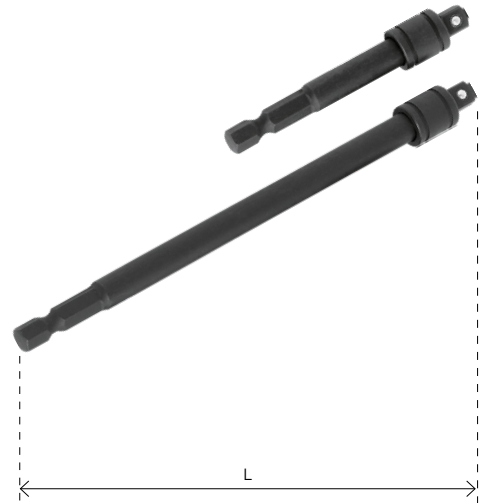
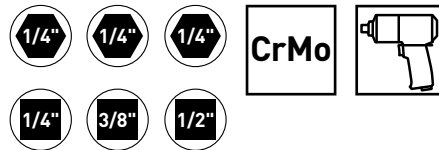
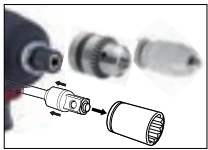


L
DIN 7427-A

Art.			L mm
381516	1/2"	5/16"	39

Impact socket adapter

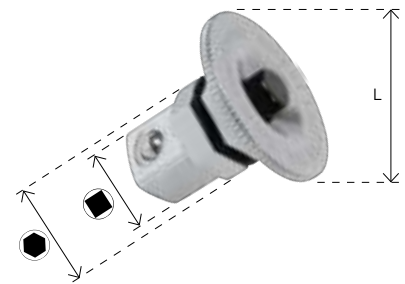
with locking function
Chrome molybdenum coated



L

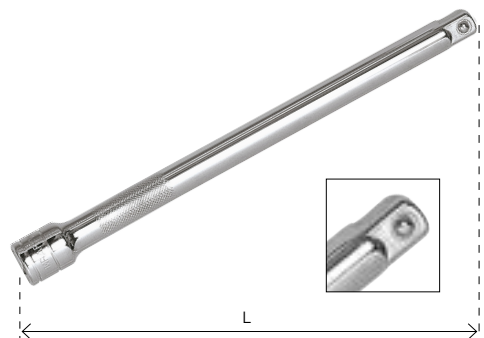
Art.			L mm
381014	1/4"	1/4"	75
381038	1/4"	3/8"	75
381012	1/4"	1/2"	75
381003	1/4"	Set / 1/4" + 3/8" + 1/2"	75
381114	1/4"	1/4"	150
381138	1/4"	3/8"	150
381112	1/4"	1/2"	150

Quick release adapter



Art.			L mm
3692	13	3/8"	25
3693	19	1/2"	35

Extension bar



L



Art.			L mm
407100	3/4"	3/4"	100
407200	3/4"	3/4"	200

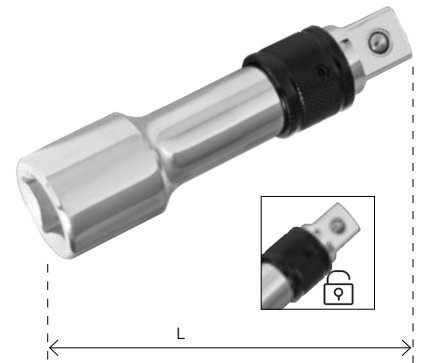
DIN 3123

5.4. EXTENSIONS / ADAPTERS / ACCESSORIES

Locking extension bar





Art.			L mm
407102	3/4"	3/4"	100
407202	3/4"	3/4"	200
407402	3/4"	3/4"	400



Impact extension bar




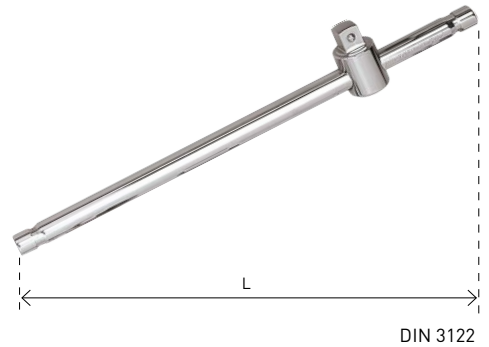
Art.			L mm
487100	3/4"	3/4"	100
487200	3/4"	3/4"	200



Sliding t-bar




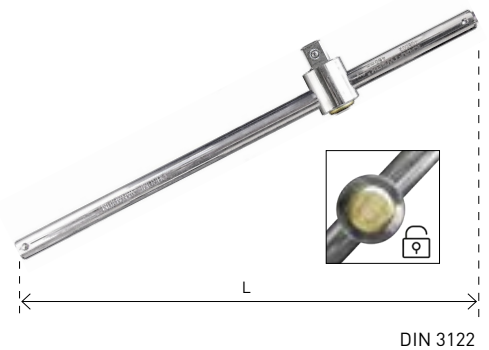
Art.		L mm
408000	3/4"	460



Locking sliding t-bar




Art.		L mm
408002	3/4"	460



Impact universal joint



Art.			L mm
481000	3/4"	3/4"	90



Socket reducer
Chrome vanadium



Art.			L mm
411100	3/4"	1/2"	56



Socket adapter



Art.			L mm
411120	3/4"	1"	56



Impact socket adapter



Art.			L mm
483410	3/4"	1"	64



Impact socket reducer



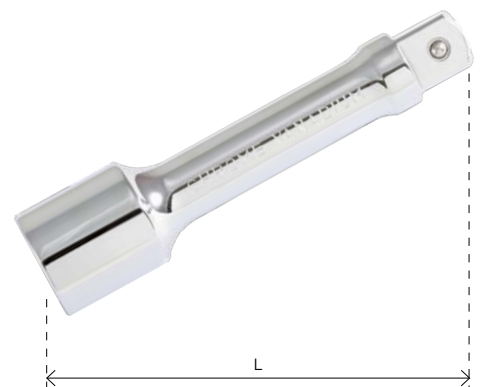
Art.			L mm
483412	3/4"	1/2"	56



Extension bar



Art.			L mm
507200	1"	1"	200
507400	1"	1"	400



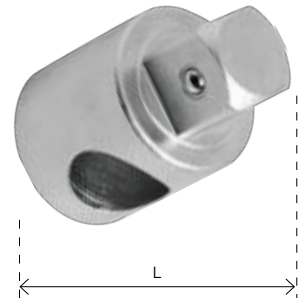
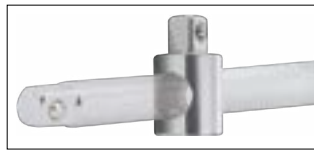
5.4. EXTENSIONS / ADAPTERS / ACCESSORIES

Impact extension bar



Art.			L mm
587200	1"	1"	200

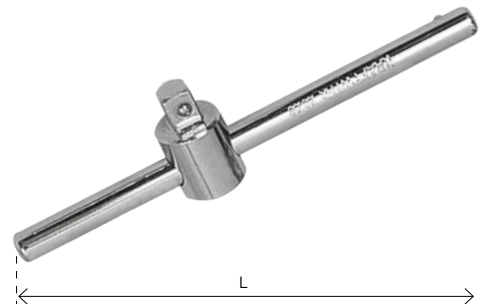
3-way t-bar-adapter



Art.			L mm
508000	1"	1"	74

Sliding t-bar

Chrome-plated and polished
Chrome vanadium



Art.			L mm
307253	1/2"	1/2"	250

Impact universal joint



Art.			L mm
581000	1"	1"	110

Socket reducer



Art.			L mm
511340	1"	3/4"	70

DIN 3123

Impact socket reducer



Art.			L mm
581034	1"	3/4"	75

**Impact torque limiting
ext. bar 110 Nm**



Art.	Nm - Lb. ft				L mm
	Nm	Lb. ft			
387200-110	110 Nm	80 Lb. ft		1/2"	200
387200-120	120 Nm	90 Lb. ft		1/2"	200
387200-135	135 Nm	100 Lb. ft		1/2"	200
387200-150	150 Nm	110 Lb. ft		1/2"	200


1/2" torque impact extension set, 4 pcs.

Absorbs and limits the respective torque
Chrome molybdenum steel
In roll-up bag



Art.			L mm
387200	1/2"	1/2"	200



VDE




VDE insulated extension bar

3/8" 3/8"

VDE GS 1000 V IEC 60900

Art.			L mm
302.302.038	3/8"	3/8"	125



L



VDE insulated T-handle

3/8" 3/8"

VDE GS 1000 V IEC 60900

Art.	 	L1 mm	L2 mm
302.303.038	3/8"	135	200

L1

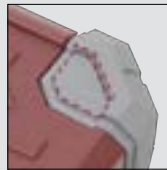
L2



PRO LINE



The case features 2 handy compartments for storing small parts.



Thanks to the intelligent design, they are optimally stackable and secured against slipping.



Alloy Steel



S2 quality



PRO LINE socket set 1/4", 36 pcs.

- 1/4" reversible ratchet with 72 teeth
- 1/4" sockets: 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
- 1/4" universal joint
- 1/4" extension: 100 mm
- 1/4" handle
- 1/4" slotted screwdriver bits: 5.5 - 6.5 mm
- 1/4" Phillips screwdriver bits: PH1 + PH2
- 1/4" Pozidriv screwdriver bits: PZ1 + PZ2
- 1/4" Torx® screwdriver bits with hole: TS10 - TS15 - TS20 - TS25 - TS27 - TS30 - TS40
- 1/4" hexagon screwdriver bits: 3 - 4 - 5 - 6 - 7 - 8 mm



Art.	
204.201.011	1/4"

235 × 326 × 70 mm | Δ 1.55 kg



Alloy Steel

**PRO LINE socket set 1/4", 44 pcs.**

- 1/4" reversible ratchet with 72 teeth
- 1/4" sockets: 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
- 1/4" adapter to 1/4" hexagon
- 1/4" universal joint
- 1/4" driving handle
- 1/4" extensions: 50 - 100 mm
- 1/4" flexible extension 150 mm
- 1/4" handle
- 1/4" slot bit inserts: 4 - 5.5 - 6.5 mm
- 1/4" Phillips screwdriver bit sockets: PH1 - PH2 - PH3
- 1/4" Pozidriv screwdriver bit sockets: PZ1 - PZ2 - PZ3
- 1/4" Torx®: T10 - T15 - T20 - T25 - T27 - T30 - T40
- 1/4" hexagon screwdriver bit sockets: 3 - 4 - 5 - 6 - 7 - 8 mm

Art.



204.201.014

1/4"

285 × 366 × 70 mm | Δ 2.16 kg



Alloy Steel

**PRO LINE socket set 3/8", 28 pcs.**

- 3/8" reversible ratchet with 72 teeth
- 3/8" sockets: wrench inserts: 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 mm
- 3/8" deep sockets: (long): 8 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 18 - 19 mm
- 3/8" universal joint
- 3/8" extensions: 75 - 150 mm

Art.



204.202.112

3/8"

285 × 366 × 70 mm | Δ 3.14 kg

Socket wrench set 1/4", 38 pcs.



- 10 5.5-6-7-8-9-10-11-12-13-14 mm
- 1/4" 1/4"
- 1/4" 1/4"
- 1/4"
- 2 50 / 100 mm
-
- 4 3-4-5-6 mm
- 4 PH1 - 2x PH2 - PH3
- 2 PZ1-PZ2-PZ3
- 7 T10-T15-T20-T25-T27-T30-T40
- 4 3-4-5-6 mm



Art.		L1 mm	L2 mm
99073	1/4"	55	100

197 x 50 x 90 mm | Δ 0.88 kg

TX bit socket set, 1/2", 23 pcs.



- 12 T10-T15-T20-T25-T27-T30
T40-T45-T50-T55-T60-T70
- 11 T10-T15-T20-T25-T27-T30
T40-T45-T50-T55-T60



Art.		L1 mm	L2 mm
2025	1/2"	55	100

330 x 170 x 50 mm | Δ 2.88 kg

Hexagon socket and XZN multi-tooth bit socket set 1/2", 22 pcs.



- 6 5-6-7-8-10-12 mm
- 5 M5-M6-M8-M10-M12
- 6 5-6-7-8-10-12 mm
- 5 M5-M6-M8-M10-M12



Art.		L1 mm	L2 mm
2026	1/2"	55	100

330 x 170 x 50 mm | Δ 2.88 kg

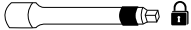
5.5. SOCKET WRENCH SETS

Socket wrench case 3/4", 21 pcs.

Reversible ratchet with 45 teeth for heavy duty



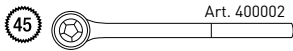
16 19-21-22-23-24-26-27-29
30-32-35-36-38-41-46-50 mm



3 100-200-400 mm



460 mm



500 mm

Art.	
2056	3/4"

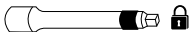
535 × 375 × 100 mm | Δ 14.5 kg

Socket wrench case 3/4", 21 pcs.

Extendable reversible ratchet with 43 teeth for heavy duty



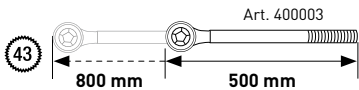
16 19-21-22-23-24-26-27-29
30-32-35-36-38-41-46-50 mm



3 100-200-400 mm



460 mm



800 mm

500 mm

Art.	
2057	3/4"

535 × 375 × 100 mm | Δ 14.5 kg



5

Socket wrench set 1", 21 pcs.

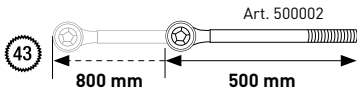
Extendable reversible ratchet for heavy duty
In solid metal case



1"  17 36-38-41-46-50-54-55-58-60
63-65-67-70-71-75-77-80 mm

 2 200 mm / 400 mm

  1"  1"



Art.	
2053	1"

685 × 275 × 105 mm | Δ 40 kg

Impact socket wrench set 1/2", 16 pcs.



1/2"  14  10-11-12-13-14-15-16-17-
18-19-21-22-23-24 mm

 125 mm

 65 mm



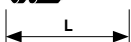
Art.	
380005	1/2"


270 × 58 × 185 mm | Δ 2.2 kg

TX impact socket wrench set 1/2", 12 pcs.



1/2"  12  T10-T15-T20-T25-T27-T30
T40-T45-T50-T55-T60-T70

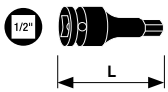


Art.		L mm
3084	1/2"	78

210 × 145 × 50 mm | Δ 1.33 kg

5.5. SOCKET WRENCH SETS

Hexagonal impact socket wrench set 1/2", 12 pcs.



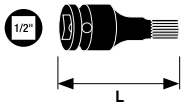
12 ● 3-4-5-6-7-8-9-10
12-14-16-17 mm

Art.		L mm
3086	1/2"	78



210 × 145 × 50 mm | Δ 1.58 kg

XZN impact socket wrench set 1/2", 10 pcs.



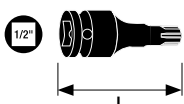
10 ● M4-M5-M6-M8-M9-M10
M12-M14-M16-M18

Art.		L mm
3087	1/2"	78



210 × 145 × 50 mm | Δ 1.34 kg

RIBE impact socket wrench set 1/2", 10 pcs.



10 ● RM4-RM5-RM6-RM7-RM8-RM9
RM10-RM12-RM13-RM14

Art.		L mm
3089	1/2"	78



210 × 145 × 50 mm | Δ 0.75 kg

**Deep impact socket wrench set
1/2", 4 pcs.**

with plastic insert to protect the wheel
nuts and plastic sleeve
for aluminium rims



CrMo



3 ○ 17-19-21 mm



■ 65 mm



Art.	○	L mm
3083	1/2"	85



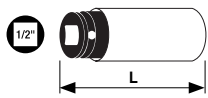
145 × 130 × 43 mm | Δ 0.85 kg

**Deep impact socket wrench set
1/2", 7 pcs.**

with plastic insert to protect the wheel
nuts and plastic sleeve
for aluminium rims



CrMo



6 ○ 15-17-19-21-22-24 mm



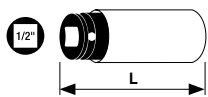
■ 125 mm

Art.	○	L mm
381005	1/2"	85



212 × 151 × 48 mm | Δ 1.97 kg

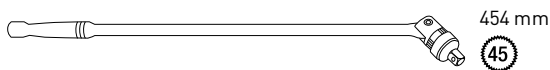
**Breaker bar and impact socket set
1/2", 5 pcs.**



3 ○ 17-19-21 mm



■ 75 mm



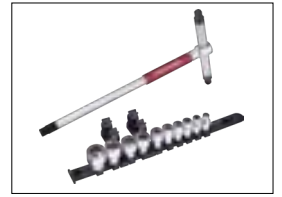
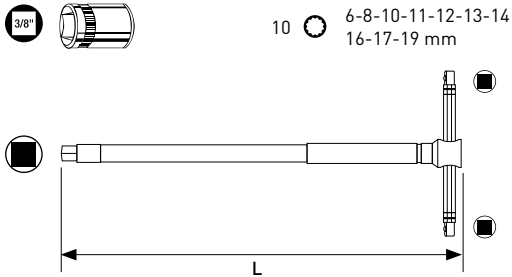
Art.	○	L mm
303.800.000	1/2"	85



454 mm | Δ 2 kg

5.5. SOCKET WRENCH SETS

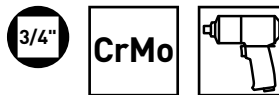
Socket wrench set, 3/8", COMBI, 11 pcs.
on a practical plastic rail



Art.		L mm
302.800.011	3/8"	388

388 × 128 × 45 mm | Δ 1.133 kg

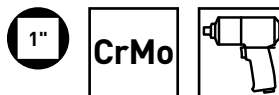
Deep impact socket set 3/4", 8 pcs.



Art.	
400015	

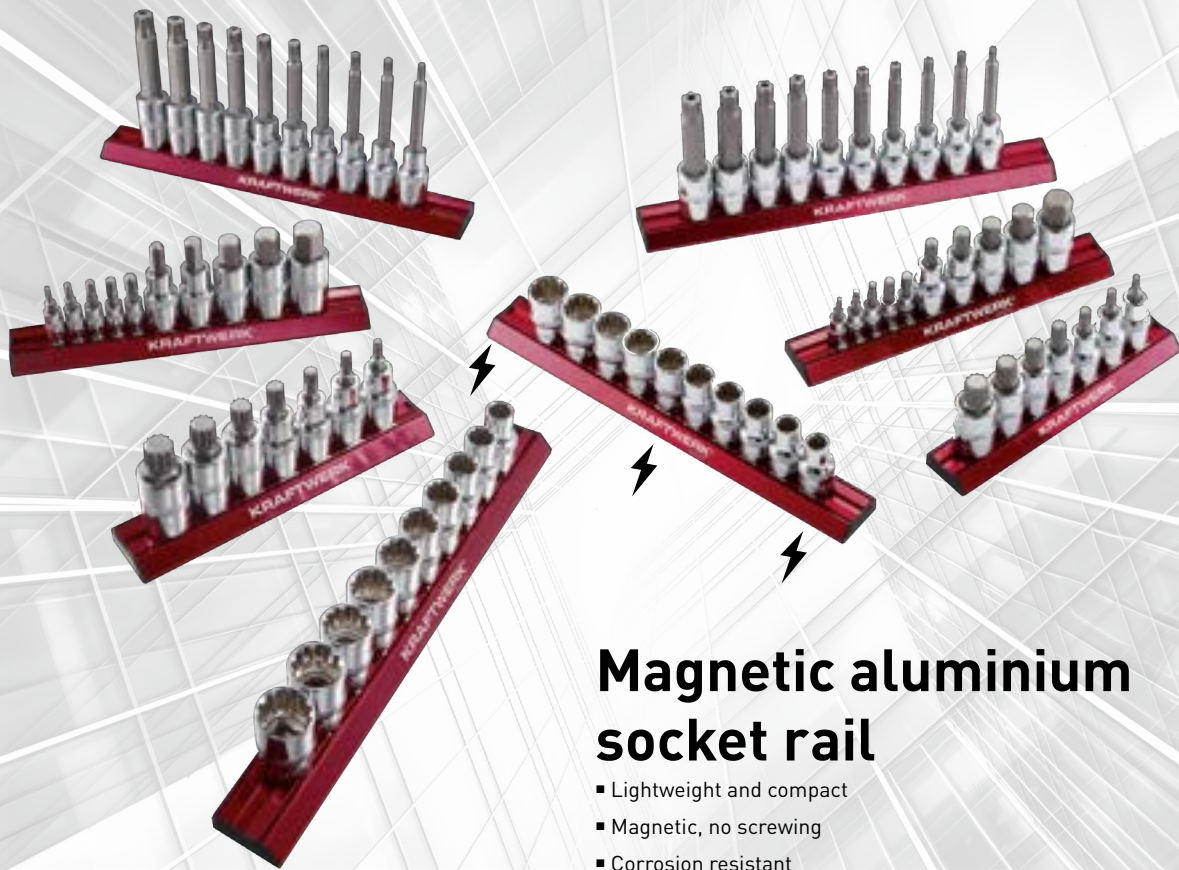
465 × 186 × 78 mm | Δ 5.03 kg

Deep impact socket set 1", 7 pcs.



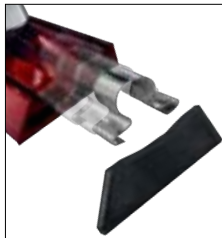
Art.	
500015	

465 × 186 × 78 mm | Δ 7.5 kg



Magnetic aluminium socket rail

- Lightweight and compact
- Magnetic, no screwing
- Corrosion resistant
- You can combine your individual socket composition
- Clips/sockets 1/4", 3/8", 1/2" can be combined on the same rail




COMBI socket wrench set 1/4", 13 pcs.

On magnetic aluminum rail

1/4" sockets:

- mm:** 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
inch: 5/32" - 7/32" - 1/4" - 5/32" - 5/16" - 11/32" - 3/8" - 7/16" - 15/32" - 1/2"
TX: E5 - E6 - E8 - E10 - E12 - E14 - E16 - E18
XZN: M5 - M6 - M8 - M9 - M10 - M12 - M14 - M16 - M18



Art.		 L mm
130990	1/4"	25

5.5. SOCKET WRENCH SETS



Socket wrench set inch 1/4", 9 pcs.

On magnetic aluminum rail

1/4" sockets inch:

3/16" - 7/32" - 1/4" - 9/32" - 5/16" - 11/32" - 3/8" - 7/16" - 1/2"



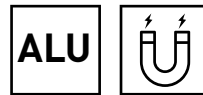
Art.		 L mm
100599	1/4"	25

Deep socket wrench set 1/4", 12 pcs.

On magnetic aluminum rail

1/4" sockets:

4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm



Art.		 L mm
101990	1/4"	50

Deep socket wrench set 1/4" inch, 9 pcs.

On magnetic aluminum rail

1/4" sockets:

3/16" - 7/32" - 1/4" - 9/32" - 5/16" - 11/32" - 3/8" - 7/16" - 1/2"



Art.		 L mm
101599	1/4"	50



E-TX socket wrench set 1/4", 7 pcs.

On magnetic aluminum rail

1/4" sockets:

E4 - E5 - E6 - E7 - E8 - E10 - E11



Art.		 L mm
120099	1/4"	25

TX bit socket wrench set 1/4", 8 pcs.

On magnetic aluminum rail

1/4" bit sockets:

T8 - T10 - T15 - T20 - T25 - T27 - T30 - T40



Art.		L mm
105099	1/4"	38



5-star TX bit socket wrench set 1/4", 9 pcs.

On magnetic aluminum rail

1/4" bit sockets:

TS8 - TS9 - TS10 - TS15 - TS20 - TS25 - TS27 - TS30 - TS40



Art.		L mm
115099	1/4"	38



5-star tamper TX bit socket wrench set 1/4", 9 pcs.

On magnetic aluminum rail

1/4" bit sockets:

TS8 - TS9 - TS10 - TS15 - TS20 - TS25 - TS27 - TS30 - TS40



Art.		L mm
115399	1/4"	38



Hexagonal bit socket wrench set 1/4", 6 pcs.

On magnetic aluminum rail

1/4" bit sockets:

3 - 4 - 5 - 6 - 7 - 8 mm



Art.		L mm
106099	1/4"	38



5.5. SOCKET WRENCH SETS

Hexagonal bit socket wrench set inch 1/4", 5 pcs.

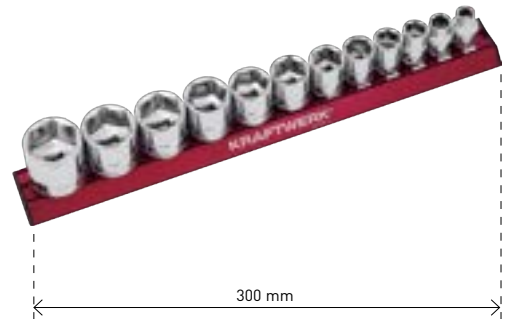
On magnetic aluminum rail
 1/4" bit sockets:
 1/8" - 5/32" - 3/16" - 7/32" - 1/4"



Art.		L mm
106599	1/4"	38

Deep socket wrench set inch 3/8", 12 pcs.

On magnetic aluminum rail
 3/8" sockets:
 5/16" - 3/8" - 7/16" - 1/2" - 9/16" - 5/8" - 11/16" - 3/4" -
 13/16" - 7/8" - 15/16" - 1"



Art.		L mm
200599	3/8"	25

Deep socket wrench set 3/8", 11 pcs.

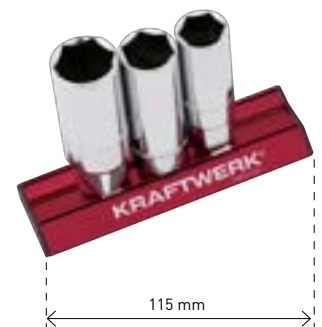
On magnetic aluminum rail
 3/8" sockets:
 8 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 18 - 19 - 22 mm



Art.		L mm
201990	3/8"	64

Spark plug socket wrench set 3/8", 3 pcs.

On magnetic aluminum rail
 3/8" sockets: 16 - 18 - 21 mm



Art.		L mm
201998	3/8"	64 - 65 - 70

Deep socket wrench set inch 3/8", 9 pcs.

On magnetic aluminum rail

3/8" sockets:

3/8" - 7/16" - 1/2" - 9/16" - 11/16" - 3/4" - 7/8"

3/8" spark plug sockets inch:

5/8" - 13/16"



Art.		L mm
201599	3/8"	64



E-TX socket wrench set 3/8", 12 pcs.

On magnetic aluminum rail

3/8" sockets:

E4 - E5 - E6 - E7 - E8 - E10 - E11 - E12 - E14 - E16 - E18 - E20



Art.		L mm
220099	3/8"	28



TX bit socket wrench set 3/8", 11 pcs.

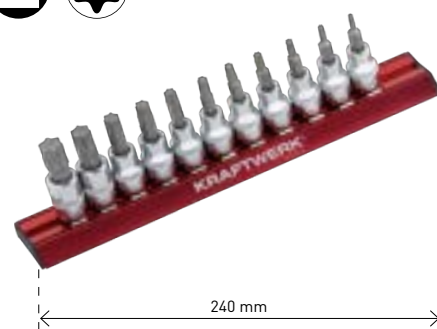
On magnetic aluminum rail

3/8" bit sockets:

T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60



Art.		L mm
205099	3/8"	48



Tamber TX bit socket wrench set 3/8", 11 pcs.

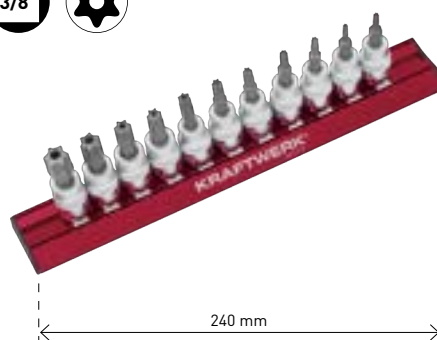
On magnetic aluminum rail

3/8" bit sockets:

T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60



Art.		L mm
205399	3/8"	48



5.5. SOCKET WRENCH SETS



Hexagonal bit socket wrench set 3/8", 7 pcs.

On magnetic aluminum rail

3/8" bit sockets:

3 - 4 - 5 - 6 - 7 - 8 - 10 mm



Art.		 L mm
206099	3/8"	48





Hexagonal bit socket wrench set inch 3/8", 7 pcs.

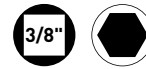
On magnetic aluminum rail

3/8" bit sockets:

1/8" - 5/32" - 3/16" - 7/32" - 1/4" - 5/16" - 3/8"



Art.		 L mm
206599	3/8"	48



COMBI socket wrench set 1/2", 10 pcs.

On magnetic aluminum rail

1/2" sockets:



mm: 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm

inch: 3/8" - 7/16" - 15/32" - 1/2" - 19/32" - 5/8" - 3/4"

TX: E12 - E14 - E16 - E18 - E20 - E22 - E24

XZN: M12 - M14 - M16 - M18



Art.		 L mm
330990	1/2"	38



COMBI socket wrench set 1/2", 7 pcs.

On magnetic aluminum rail



1/2" sockets:

mm: 20 - 21 - 22 - 24 - 27 - 30 - 32 mm

inch: 25/32" - 13/16" - 7/8" - 15/16" - 1-1/16" - 1-3/16" - 1-1/4"

TX: E26 - E28 - E30 - E34 - E38 - E40



Art.		 L mm
330991	1/2"	42

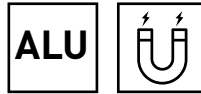




Deep socket wrench set 1/2", 11 pcs.

On magnetic aluminum rail

1/2" sockets:

10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 22 mm



Art.		 L mm
301990	1/2"	77



Deep impact socket wrench set 1/2", 3 pcs.



On magnetic aluminum rail

1/2" sockets: 17 - 19 - 21 mm

Chrome molybdenum

DIN 3129 / ISO 2725-2



Art.		 L mm
381099	1/2"	85





E-TX socket wrench set 1/2", 12 pcs.

On magnetic aluminum rail

1/2" sockets:

E10 - E12 - E14 - E16 - E18 - E20 - E22 - E24



Art.		 L mm
320099	1/2"	40





TX bit socket wrench set 1/2", 12 pcs.

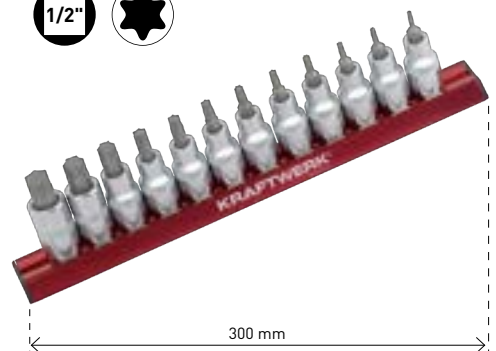
On magnetic aluminum rail

1/2" bit sockets:

T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55 - T60 - T70



Art.		 L mm
325099	1/2"	56



5.5. SOCKET WRENCH SETS

TX bit socket wrench set 1/4" + 1/2", 13 pcs.

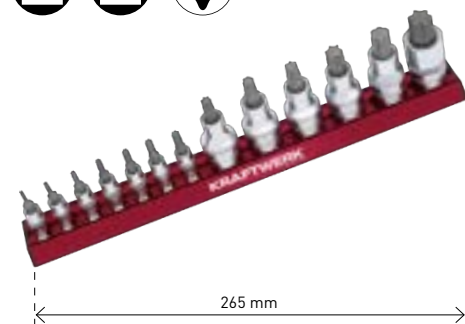
On magnetic aluminum rail

1/4": T8 - T10 - T15 - T20 - T25 - T27 - T30

1/2": T40 - T45 - T50 - T55 - T60 - T70



Art.			L mm
99045	1/4" / 1/2"	1/4" - 37	1/2" - 56



Long TX bit socket wrench set 1/2", 10 pcs.

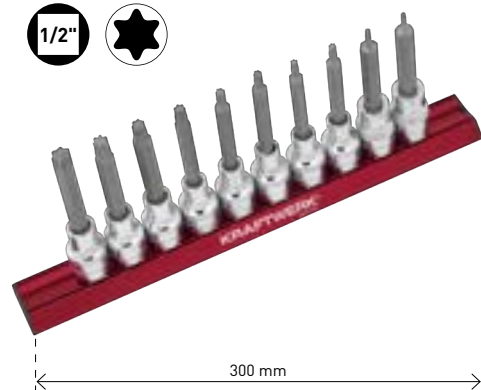
On magnetic aluminum rail

1/2" long bit sockets:

T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50 - T55



Art.			L mm
335099	1/2"		100



Hexagonal bit socket wrench set 1/2", 8 pcs.

On magnetic aluminum rail

1/2" bit sockets:

5 - 6 - 7 - 8 - 10 - 12 - 14 - 17 mm



Art.			L mm
326099	1/2"		56



Hexagonal bit socket wrench set 1/4" + 1/2", 10 pcs.

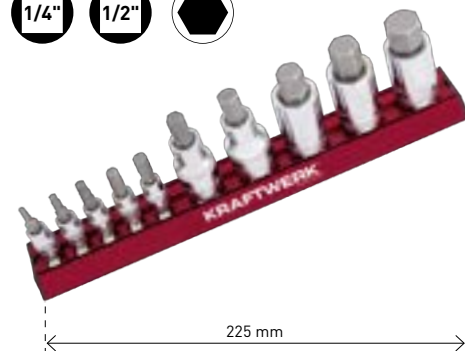
On magnetic aluminum rail

1/4": 3 - 4 - 5 - 6 - 7 mm

1/2": 8 - 10 - 12 - 14 - 17 mm




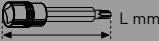
Art.			L mm
99046	1/4" / 1/2"	1/4" - 37	1/2" - 56

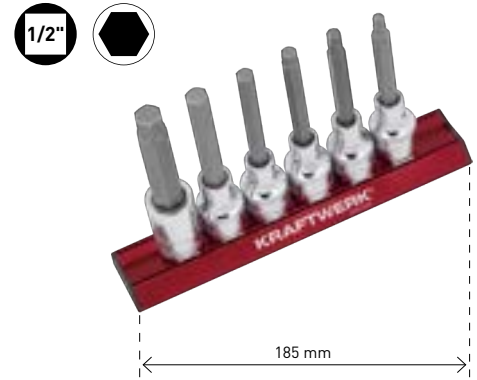


Long Hexagonal bit socket wrench set 1/2", 6 pcs.

On magnetic aluminum rail
1/2" long bit sockets:
5 - 6 - 7 - 8 - 10 - 12 mm





Art.		 L mm
336099	1/2"	100

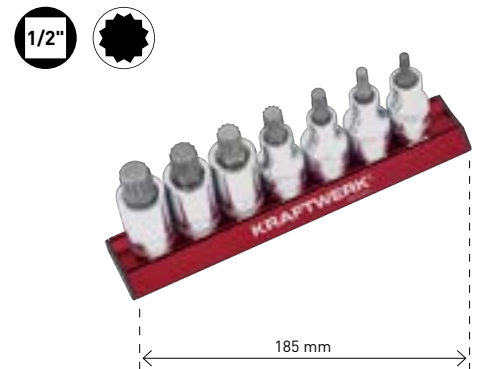


XZN bit socket wrench set 1/2", 7 pcs.

On magnetic aluminum rail
1/2" bit sockets:
M5 - M6 - M8 - M10 - M12 - M14 - M16





Art.		 L mm
328099	1/2"	55

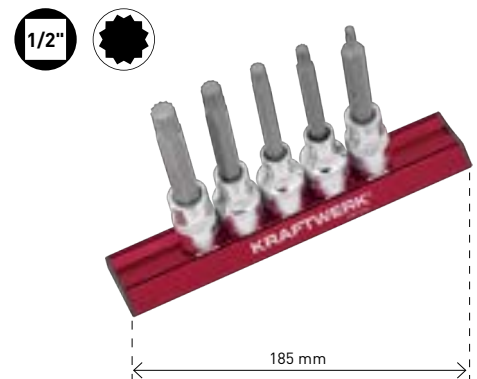


Long XZN bit socket wrench set 1/2", 5 pcs.

On magnetic aluminum rail
1/2" long bit sockets:
M5 - M6 - M8 - M10 - M12




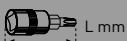
Art.		 L mm
338099	1/2"	100

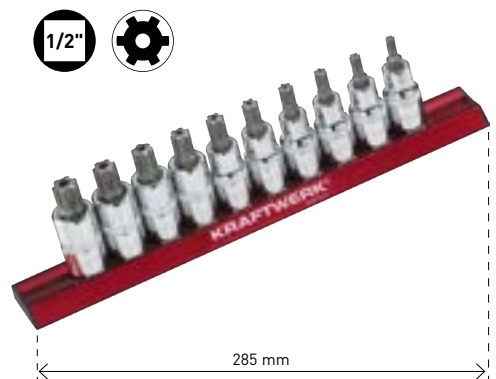


Tamper RIBE bit socket wrench set 1/2", 10 pcs.

On magnetic aluminum rail
1/2" long bit sockets:
M5 - M6 - M7 - M8 - M9 - M10 - M11 - M12 - M13 - M14



Art.		 L mm
329099	1/2"	55



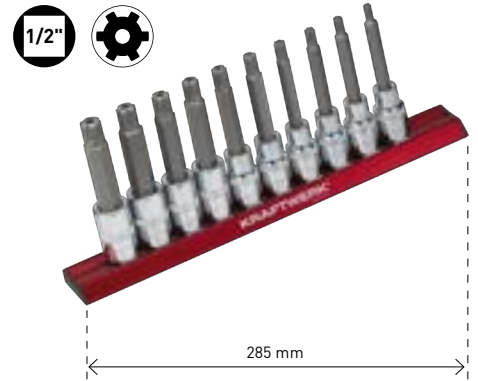
5.5. SOCKET WRENCH SETS

Long Tamper RIBE bit socket wrench set 1/2", 10 pcs.

On magnetic aluminum rail

1/2" long bit sockets:

M5 - M6 - M7 - M8 - M9 - M10 - M11 - M12 - M13 - M14



Art.		L mm
339099	1/2"	100

Magnetic aluminium socket rail



Art.	L mm	
3090	115	1/4" / 1/2" / 3/8"
3091	185	1/4" / 1/2" / 3/8"
3092	240	1/4" / 1/2" / 3/8"
3093	300	1/4" / 1/2" / 3/8"



Socket rail clips

Bags of 10 pieces

Art.		
3094	10	1/4"
3095	10	3/8"
3096	10	1/2"

Socket rail clips

per piece

Art.	
3096B	1/2"
3094B	1/4"
3095B	3/8"

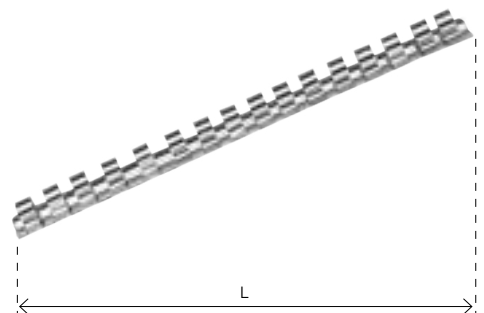


Socket rail

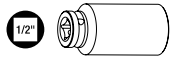
with clips



Art.		L mm	
3097	1/4"	250	16
3098	3/8"	250	16
3099	1/2"	250	10



Impact socket set 1/2", 11 pcs.
Long version



8 ● 24 - 27 - 30 - 32 - 33
34 - 35 - 36 mm



3 ● 14 - 17 - 19 mm

Art.	
381905	1/2"

330 × 185 × 60 mm | Δ 4.44 kg

BASIC LINE



BASIC LINE socket wrench set 1/4", 26 pcs.

- 1/4" reversible ratchet
- 1/4" extension: 50 mm
- 1/4" sockets: 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm
- 1/4" slotted bits: 4 - 5.5 mm
- 1/4" Phillips bits: PH1 - PH2
- 1/4" Pozidriv bits: PZ1 - PZ2
- 1/4" TX bits: T15 - T20 - T25 - T30 - T40





Art.		
204.100.000	1/4"	1/4"

165 × 32 × 89 mm | Δ 0.59 kg

BASIC LINE socket wrench set 1/4", 82 pcs.

- 1/4" reversible ratchet
- 1/4" sockets: 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
- 1/4" slotted bits: 4 - 4.5 - 5.5 - 6 - 6.5 - 8 mm
- 1/4" Phillips bits: PH0 - PH1 - PH2 - PH3 - PH4
- 1/4" Pozidriv bits: PZ1 - PZ2 - PZ3
- 1/4" TX bit: T8 - T10 - T15 - T20 - T25 - T27 - T30 - T40
- 1/4" tamper TX bits: T8 - T10 - T15 - T20 - T25 - T27 - T30 - T40
- 1/4" hexagonal bits: 3 - 4 - 5 - 6 - 7 - 8 mm
- 1/4" hexagonal bits with hole: 2 - 3 - 4 - 5 - 6 mm
- 1/4" Torq bits: 6 - 8 - 10 mm
- 1/4" Tri-Wing bits: No. 1 - 2 - 3 - 4
- 1/4" Spanner bits: 4 - 6 - 8 - 10 mm
- 1/4" universal joint
- 1/4" extensions 50 + 100 mm
- 1/4" Flexible extension 150 mm
- 1/4" T-handle adapter
- 1/4" socket handle/extension
- 1/4" bit adapter for socket wrench 1/4"
- 1/4" bit adapter for bits 1/4"

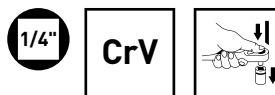


Art.		
204.101.001	1/4"	1/4"

237 x 150 x 51 mm | Δ 1.31 kg

BASIC LINE socket wrench set 1/4", 42 pcs.

- 1/4" reversible ratchet
- 1/4" sockets: 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
- 1/4" slotted bit sockets: 4 - 4.5 - 5.5 - 6 - 6.5 - 8 mm
- 1/4" Phillips bit sockets: PH0 - PH1 - PH2 - PH3 - PH4
- 1/4" Pozidriv bit sockets: PZ1 - PZ2 - PZ3
- 1/4" TX bit sockets:
- T8 - T10 - T15 (2x) - T20 (3x) - T25 (3x) - T27 - T30 (2x) - T40 (2x)
- 1/4" hexagon socket bit wrenches: 3 - 4 - 5 - 6 - 7 - 8 mm
- 1/4" extensions 50 + 100 mm
- 1/4" Flexible extension 150 mm
- 1/4" T-slide handle adapter
- 1/4" plug-in handle/extension



Art.	
204.101.000	1/4"

237 x 150 x 51 mm | Δ 1.31 kg

5



BASIC LINE socket wrench set, 3/8", 26 pcs.

- 3/8" reversible ratchet
- 3/8" sockets: 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 22 mm
- 3/8" deep sockets: 10 - 13 - 17 - 19 mm
- 3/8" spark plug sockets: 16 - 21 mm
- 3/8" universal joint
- 3/8" extensions 75 + 250 mm
- 3/8" T-Gleitgriff-Adapter
- 3/8" T-handle adapter



Art.	□
204.102.100	3/8"

295 x 215 x 75 mm | Δ 2.66 kg

BASIC LINE tool case 3/8", 90 pcs.

- Combination spanners: 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm
- 3/8" reversible ratchet
- 3/8" sockets:
6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 22 - 24 mm
- 3/8" spark plug sockets: 16 + 21 mm
- 3/8" extension 150 mm
- 3/8" x 1/4" adapter
- Slotted screwdriver: 3 + 5 mm
- PH screwdriver: PH1 - PH2
- 1/4" screwdriver bit holder
- Phase tester 110-250 V, GS-tested
- Allen key set, 9-piece: 1.5 - 10 mm
- Combination pliers: 180 mm
- Water pump pliers: 250 mm / 10"
- Combination wrench: 200 mm / 8"
- Universal scissors 180 mm
- Snap-off blade: 9 mm
- Mini saw blade: 260 mm
- 1/4" bit box, 33 pcs.
- Pin punch: 3 mm x 125 mm
- Center punch no. 2: 120 mm
- DIN locksmith's hammer 300 g
- Tape measure 3 m x 16 mm



Art.	□
204.104.100	3/8"

445 x 330 x 90 mm | Δ 2.3 kg

BASIC LINE socket wrench set 1/2", 22 pcs.

1/2" reversible ratchet
 1/2" sockets:
 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 22 - 24 - 27 - 30 - 32 mm
 1/2" spark plug sockets: 16 + 21 mm
 1/2" universal joint
 1/2" extensions 125 + 250 mm
 1/2" T-handle adapter



Art.	
204.102.200	1/2"

295 x 215 x 75 mm | Δ 3.8 kg**BASIC LINE tool case 1/4" + 3/8", 96 pcs.**

Combination wrenches: 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 mm
 1/4" sockets : 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 mm
 1/4" x 1/4" adapter
 1/4" bit box, 33 pcs.
 3/8" reversible ratchet
 3/8" sockets (9 pcs.): 10 - 11 - 12 - 13 - 14 - 15 - 17 - 18 - 19 mm
 3/8" universal joint
 3/8" extension 150 mm
 3/8" x 1/4" adapter
 Slotted head screwdriver: 5 + 6 mm
 PH screwdriver: PH2 - PH3
 1/4" screwdriver bit holder
 Hexagon socket wrench set : 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm
 Combined pliers: 180 mm
 Telephone pliers: 200 mm
 Snap-off cutter with auto-lock 9 mm
 Mini hacksaw frame: 260 mm
 DIN locksmith's hammer 300 g
 Tape rule 3 m x 16 mm



Art.		
204.103.500	1/4" / 3/8"	1/4"

380 x 302 x 85 mm | Δ 5 kg

BASIC LINE socket wrench set 1/4"+1/2", 80 pcs.

- Combination spanners: 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 mm
- 1/4" reversible ratchet
- 1/4" sockets:
- 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
- 1/4" bit adapter
- 1/4" extensions 50 + 100 mm
- 1/4" T-handle adapter
- 1/4" universal joint
- 1/4" screwdriver 100 mm
- 1/4" bit box, 33 pcs.
- 1/2" reversible ratchet
- 1/2" sockets:
- 15 - 16 - 17 - 18 - 19 - 20 - 22 - 24 - 27 - 30 - 32 mm
- 1/2" spark plug sockets: 16 + 21 mm
- 1/2" extensions 125 + 250 mm
- 1/2" T-handle adapter
- 1/2" universal joint



Art.			
204.103.600	1/4" / 1/2"		1/4"

380 x 302 x 85 mm | Δ 5.85 kg

BASIC LINE socket wrench set 1/4" + 1/2", 105 pcs.

- 1/4" reversible ratchet
- 1/4" sockets:
- 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
- 1/4" sockets:
- 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
- 1/4" TX sockets: E4 - E5 - E6 - E7 - E8
- 1/4" deep sockets:
- 6 - 7 - 8 - 9 - 10 - 11 - 12 mm
- 1/4" universal joint
- 1/4" extensions 50 + 100 mm
- 1/4" T-handle adapter
- 1/4" screwdriver bit holder
- 1/4" slotted bit socket wrench: 4 - 5.5 - 6.5 mm
- 1/4" PH bit socket wrench: PH1 - PH2
- 1/4" PZ bit socket wrench: PZ1 - PZ2
- 1/4" TX bit socket wrench: T8 - T10 - T15 - T20 - T25 - T27 - T30
- 1/4" Allen bit socket wrench: 3 - 4 - 5 - 6 mm
- 5/16" slotted screwdriver bits: 8 - 10 - 12 mm
- 5/16" PH screwdriver bits: PH3 - PH4
- 5/16" PZ screwdriver bits: PZ3 - PZ4
- 5/16" TX screwdriver bits: T40 - T45 - T50 - T55 - T60
- 5/16" hexagon socket screwdriver bits: 7 - 8 - 10 - 12 - 12 mm
- 1/2" reversible ratchet
- 1/2" sockets:
- 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm
- 1/2" TX sockets:
- E10 - E11 - E12 - E14 - E16 - E18 - E20 - E24
- 1/2" deep sockets:
- 14 - 15 - 17 - 19 - 22 mm
- 1/2" spark plug sockets: 16 + 21 mm
- 1/2" universal joint
- 1/2" extensions 125 + 250 mm
- 1/2" T-handle adapter





Art.			
204.103.601	1/4" / 1/2"		1/4"

380 x 302 x 85 mm | Δ 7 kg

BASIC LINE tool case 1/4" + 3/8" + 1/2", 200 pcs.

1/4" reversible ratchet
 1/4" sockets:
 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 mm
 1/4" deep sockets:
 4 - 5 - 6 - 7 - 8 - 9 - 10 mm
 1/4" TX sockets: E4 - E5 - E6 - E7 - E8
 1/4" slotted bit sockets: 4 - 5.5 - 6.5 - 7 mm
 1/4" Phillips bit sockets: PH0 - PH1 - PH2
 1/4" Pozidriv bit socket wrench: PZ0 - PZ1 - PZ2
 1/4" TX bit socket wrench:
 T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30
 1/4" TX bit socket wrench with hole:
 T8 - T9 - T10 - T15 - T20 - T25 - T27 - T30
 1/4" hexagon socket bit wrench: 3 - 4 - 5 - 6 mm
 1/4" universal joint
 1/4" extensions 50 + 100 mm
 1/4" coupling for bits 1/4"
 1/4" T-handle adapter
 1/4" socket handle with square handle
 1/4" Phillips screwdriver bits: PH1 - PH2
 1/4" Pozidriv screwdriver bits: PZ1 - PZ2
 1/4" TX screwdriver bits:
 T5 - T6 - T7 - T8 - T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45
 1/4" 5-Star TX screwdriver bits:
 TS10 - TS15 - TS20 - TS25 - TS27 - TS30 - TS40 - TS45
 1/4" XZN screwdriver bits: M5 - M6 - M8
 1/4" RIBE screwdriver bits: M5 - M6 - M7 - M8 - M9
 1/4" Spanner screwdriver bits: 4 - 6 - 8 - 10 mm
 1/4" square-head screwdriver bits: R1 - R2
 1/4" Two-Wing screwdriver bits: 1 - 2 - 3
 1/4" Tri-Wing screwdriver bits: 1 - 2 - 3 - 4
 1/4" Torq screwdriver bits: 6 - 8 - 10 mm
 3/8" reversible ratchet
 3/8" sockets:
 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 mm
 3/8" deep sockets:
 10 - 11 - 12 - 13 - 14 - 15 mm
 3/8" TX sockets:
 E10 - E11 - E12 - E14 - E16 - E18
 3/8" spark plug socket: 18 mm
 3/8" universal joint
 3/8" extension 125 mm
 3/8" coupling for bits 5/16"
 1/2" reversible ratchet
 1/2" sockets (6-point):
 10 - 11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm
 1/2" deep sockets: 16 - 17 - 18 - 19 - 22 mm
 1/2" TX sockets: E20 - E24
 1/2" spark plug sockets: 16 + 21 mm
 1/2" universal joint
 1/2" extensions 125 + 250 mm
 1/2" T-slide handle adapter
 1/2" coupling for bits 5/16"
 5/16" slotted screwdriver bits: 8 - 10 - 12 mm
 5/16" Phillips screwdriver bits: PH3 - PH4
 5/16" Pozidriv screwdriver bits: PZ3 - PZ4
 5/16" TX screwdriver bits: T40 - T45 - T50 - T55 - T60 - T70
 5/16" TX screwdriver bits 70 mm: T40 - T45 - T50 - T55 - T60 - T70
 5/16" hexagon socket screwdriver bits: 7 - 8 - 10 - 12 - 14 mm
 Hexagon angle wrench: 1.27 - 5 mm





Art.		
204.104.800	1/4" / 1/2" / 3/8"	1/4" / 5/16"

445 x 330 x 90 mm | Δ 9.1 kg

BASIC LINE tool case 1/4" + 1/2", 115 pcs.

- Combination spanners: 8 - 10 - 11 - 12 - 13 - 14 - 17 - 19 - 22 mm
- 1/4" reversible ratchet
- 1/4" sockets:
- 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm
- 1/4" universal joint
- 1/4" extensions 50 + 100 mm
- 1/4" T-slide handle adapter
- 1/4" coupling for bits 1/4"
- 1/4" socket handle with square handle
- 1/4" UNIBIT box, 33 pcs.
- 1/2" reversible ratchet
- 1/2" sockets:
- 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22 - 24 - 27 - 30 - 32 mm
- 1/2" spark plug sockets: 16 + 21 mm
- 1/2" universal joint
- 1/2" extensions 125 + 250 mm
- 1/2" T-handle adapter
- Slotted screwdriver: 4 + 5.5 mm
- Carburetor screwdriver for slotted screws: 6.5 mm
- PH screwdriver: PH1 - PH2
- Carburetor screwdriver for PH screws: PH2
- Phase tester 110-250 V, GS-tested
- Ball-end hexagon socket wrench set, 9-piece: 1.5 - 10 mm
- Combination pliers: 180 mm
- Telephone pliers: 200 mm
- Diagonal cutters: 160 mm
- Water pump pliers: 250 mm / 10"
- Combination wrench: 250 mm / 10"
- Universal scissors 180 mm
- Snap-off knife: 18 mm
- Needle file set 6 pcs.
- Metal saw blade: 300 mm
- DIN locksmith's hammer 300 g
- Tape measure 5 m x 19 mm



Art.		
204.105.600	1/4" / 1/2"	1/4"

540 x 390 x 110 mm | Δ 10.88 kg



BASIC LINE tool case 1/4" + 1/2", 266 pcs.

Combination spanners:

6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 17 - 19 mm

1/4" reversible ratchet

1/4" sockets : 4 - 4.5 - 5 - 5.5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 mm

1/4" universal joint

1/4" extension 100 mm

1/4" coupling for 1/4" bits

1/4" bit adapter

1/4" T-slide handle adapter

1/4" Plug-in handle with square handle

1/2" reversible ratchet

1/2" socket : 10 - 11 - 12 - 14 - 15 - 16 - 17 - 18 - 19 - 20 - 21 - 22

24 - 27 - 30 - 32 mm

1/2" spark plug socket: 16 + 21 mm

1/2" extensions 125 + 250 mm

1/2" universal joint

1/2" T-slide handle adapter

Combi pliers 180 mm

Side cutter 160 mm

Flat round nose pliers 200 mm

Water pump pliers: 250 mm / 10"

Rolling open-end wrench: 200 mm / 8"

Plastic clamps 2 pieces

Slotted screwdriver: 3 - 4 - 5 - 6 - 8 mm

Carburetor screwdriver for slotted screws: 6 mm

PH screwdriver: PH0 - PH1 - PH2 - PH3

Carburetor screwdriver for PH screws: PH2

PZ screwdriver: PZ1 - PZ2

1/4" screwdriver bit holder

Phase tester 110-250 V, GS approved

Telescopic magnetic viewfinder

1/4" Precision screwdriver bit set, 29 pcs.

1/4" bit set, 33 pcs.

1/4" Insertion bit for hook screws

Hexagon socket wrench set, 9 pcs: 1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm

9-piece set of angle sockets: T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50

Snap-off knife: 18 mm with 3 blades

10 spare blades for snap-off knives

Metal saw bow: 300 mm

DIN locksmith's hammer 300 g

Cable lug pliers

Splint driver 4 mm x 150 mm

Painted

Flat chisel 12 mm x 130 mm

Roll meter 5 m x 19 mm



Pen

24 LED hand lamp / incl. 3 AA batteries LR6

Assortment of cable lugs 80 pcs.

Insulating tape 10 m



Art.		
204.106.600	1/4" / 1/2"	1/4"

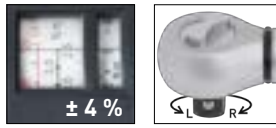
492 x 439 x 188 mm | 14.9 kg



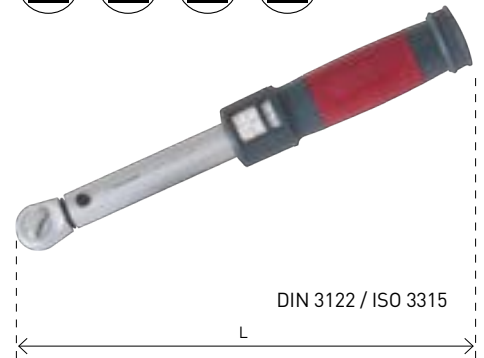
5.6. TORQUE WRENCH / TORQUE ANGLE MEASURING DEVICES

Clicker torque wrench

with window display for values in Nm and Lb.in.
45-tooth direct-switch ratchet head. Hardened steel housing and ergonomic 2-component handle with adjustment locking knob. Certified precision: $\pm 4\%$.

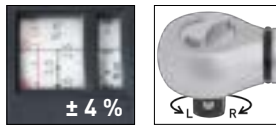
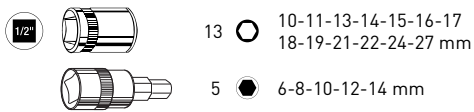


Art.		<-->	A Nm	L mm
3231	1/4"	2.5 - 12 Nm	0.05	285
3232	1/4"	4 - 20 Nm	0.05	285
3233	3/8"	10 - 60 Nm	0.125	383
3234	3/8"	25 - 125 Nm	0.25	438
3235	1/2"	40 - 200 Nm	0.5	463
3236	1/2"	65 - 335 Nm	0.5	523
3237	3/4"	160 - 800 Nm	2.0	1040



Reversible torque wrench case, 19 pcs.

with sockets and hexagonal bit sockets



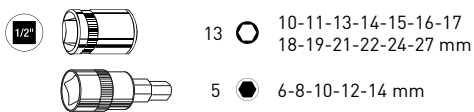
Art.		<-->	A \pm	 Art.
3235K1	1/2"	40 - 200 Nm	4%	3235
3236K1	1/2"	65 - 335 Nm	4%	3236



620 x 169 x 65 mm

DIN 6789

Socket wrench set for 3235K/3236K, 18 pcs.



Art.		
3235S	1/2"	



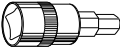



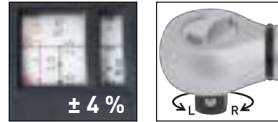
620 x 169 x 65 mm

DIN 6789

Reversible torque wrench case, 23 pcs.


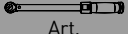
with sockets, hexagonal bit sockets and deep impact sockets

-   13 ○ 10-11-13-14-15-16-17
18-19-21-22-24-27 mm
-  5 ● 6-8-10-12-14 mm
-  4 ○ 17-19-21-22 mm
DIN 3129 / ISO 2725-2







620 × 169 × 65 mm

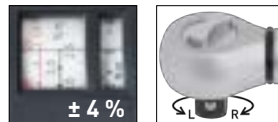
DIN 6789

Art.		<->	A ±	 Art.
3235K2	1/2"	40 - 200 Nm	4%	3235
3236K2	1/2"	65 - 335 Nm	4%	3236

Reversible torque wrench case, 23 pcs.


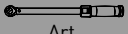
with sockets, hexagonal bit-sockets and deep impact sockets with plastic sleeves for aluminium wheels

-   13 ○ 10-11-13-14-15-16-17
18-19-21-22-24-27 mm
-  5 ● 6-8-10-12-14 mm
-  4 ○ 17-19-21-22 mm
DIN 3129 / ISO 2725-2



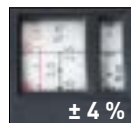
620 × 169 × 65 mm

DIN 6789


Art.		<->	A ±	 Art.
3235K3	1/2"	40 - 200 Nm	4%	3235
3236K3	1/2"	65 - 335 Nm	4%	3236

Click torque bar

precise, with window scale for values in Nm and Lb.ft. Rectangular drive for exchangeable wrench heads 14 × 18 mm. Hardened steel casing and ergonomic 2-component handle with locking adjusting knob. Certified precision: +/- 4 %



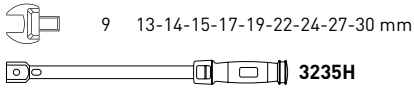
2006/42/EC

Art.		<->	A ±	L mm
3235H	14 × 18 mm	40 - 200 Nm	4%	470

5.6. TORQUE WRENCH / TORQUE ANGLE MEASURING DEVICES

Reversible torque wrench case, 23 pcs.

with sockets, hexagonal bit sockets
and deep impact sockets



Art.			* incl. Art.	<~>
3235GK1	1/2" / 14 x 18 mm	24	3235-U12P	40 - 200 Nm
3235GK2	1/2" / 14 x 18 mm	72	3235-U12R	40 - 200 Nm

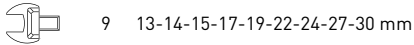


620 x 169 x 65 mm

DIN 6789

Interchangeable open-end head set, 10 pcs.

Contains: open-end heads for and reversible heavy duty
ratchet head for torque wrench 3235H



Art.		incl. Art.
3235GS	24	3235-U12P



620 x 169 x 65 mm

DIN 6789

Interchangeable open-end head

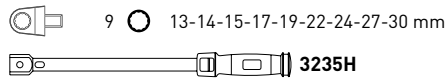
for torque wrench 3235H

Art.		 mm
3235-G13	14 x 18 mm	13
3235-G14	14 x 18 mm	14
3235-G15	14 x 18 mm	15
3235-G17	14 x 18 mm	17
3235-G19	14 x 18 mm	19
3235-G22	14 x 18 mm	22
3235-G24	14 x 18 mm	24
3235-G27	14 x 18 mm	27
3235-G30	14 x 18 mm	30



Torque wrench case, 11 pcs.

with ring end heads and reversible heavy duty ratchet head



Art.			* incl. Art.	<->
3235RK1	1/2" / 14 x 18 mm	24	3235-U12P	40 - 200 Nm
3235RK2	1/2" / 14 x 18 mm	72	3235-U12R	40 - 200 Nm

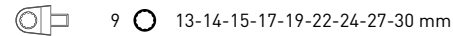


620 x 169 x 65 mm

DIN 6789

Interchangeable ring-end head set, 10 pcs.

Contains: ring-end heads and reversible heavy duty ratchet head for torque wrench 3235H



Art.			incl. Art.
3235RS		24	3235-U12P



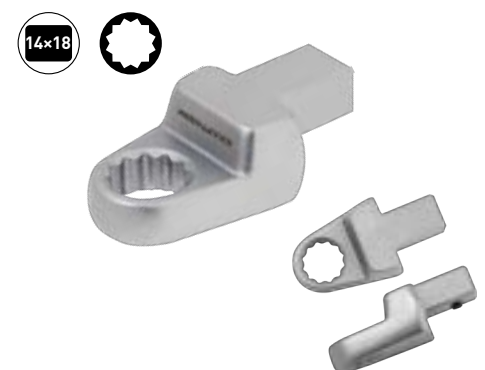
620 x 169 x 65 mm

DIN 6789

Interchangeable ring-end head

for torque wrench 3235H

Art.		mm
3235-R13	14 x 18 mm	13
3235-R14	14 x 18 mm	14
3235-R15	14 x 18 mm	15
3235-R17	14 x 18 mm	17
3235-R19	14 x 18 mm	19
3235-R22	14 x 18 mm	22
3235-R24	14 x 18 mm	24
3235-R27	14 x 18 mm	27
3235-R30	14 x 18 mm	30



5.6. TORQUE WRENCH / TORQUE ANGLE MEASURING DEVICES



Reversible heavy duty ratchet head

for torque bar 3235H



Art.			
3235-U12P	24	14 x 18 mm	1/2"



Reversible fine teeth ratchet head

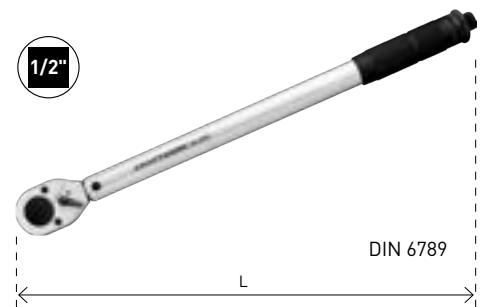
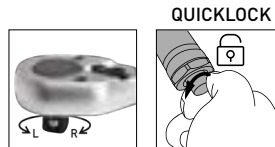
for torque bar 3235H



Art.			
3235-U12R	72	14 x 18 mm	1/2"

Torque wrench 1/2"

Hardened steel housing
Ergonomic adjustment handle
Precise torque wrench with scale
Values in Nm and ft.lbs
Range: 42 - 210 Nm / 31 - 154.9 Lb.ft
Graduation: 1.0 Nm
Certified precision : +/- 4



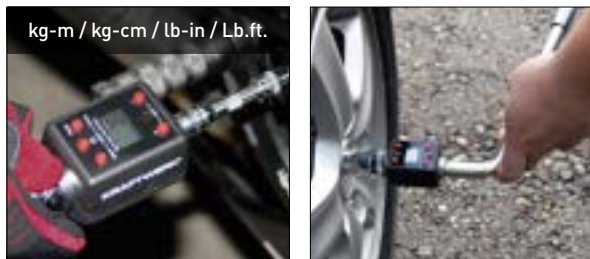
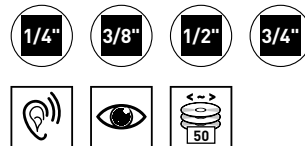
DIN 6789



Art.		<~>	L mm
2045	1/2"	42 - 210 Nm	450

Electronic torque adapter

For clockwise/anticlockwise operation
Measurement accuracy: +/- 2 %
With optical and acoustical signal
Precise tightening of minimum 1. cycles
"Peak hold" and "Track" modes
Dust and water-splash protection
Memory capacity of 5 different configurations
Including test certificate according to DIN EN ISO 6789 -2:2017 with individual serial number
Incl. batteries



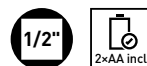
Art.	□	<-> ± 2%	3V Li-Mn CR-2023	⊕ h	± mm (BMC)
4081-14	1/4"	6 - 30 Nm	1x	55 h	122 x 190 x 64
4081-38	3/8"	27 - 135 Nm	1x	55 h	122 x 190 x 64
4081-12	1/2"	40 - 200 Nm	1x	55 h	122 x 190 x 64

Art.	□	<-> ± 2%	1.5V LR6-AA	⊕ h	± mm (BMC)
4081-34	3/4"	100 - 500 Nm	2x	110 h	156 x 110 x 8080
4081-341	3/4"	200 - 1000 Nm	2x	110 h	156 x 110 x 80

DIN 6789

1/2" Electronic torque adapter, angular

For clockwise/anticlockwise operation
Measurement torque accuracy: +/- 2 %
Torque angle: 5°-360° accuracy +/- 1 %
With optical and acoustical signal
"Peak hold" and "Track" modes
Memory capacity of 50 different configurations
Operating time 55 hrs
Including test certificate according to DIN EN ISO 6789 -2:2017 with individual serial number
Incl. batteries



Art.	□	<-> ± 2%	∠	± mm (BMC)
4082-12	1/2"	40 - 200 Nm	5°-360° (± 1%)	135 x 140 x 90



5.6. TORQUE WRENCH / TORQUE ANGLE MEASURING DEVICES

Torque angle gauge 1/2"



1/2"



Art.	<input type="checkbox"/>
2037	1/2"

Torque angle gauge with magnet arm 1/2"



1/2"



Art.	<input type="checkbox"/>
2038.1	1/2"

Torque angle gauge with clip arm 1/2"



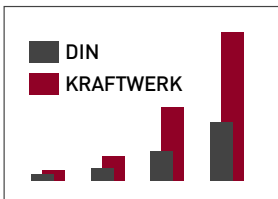
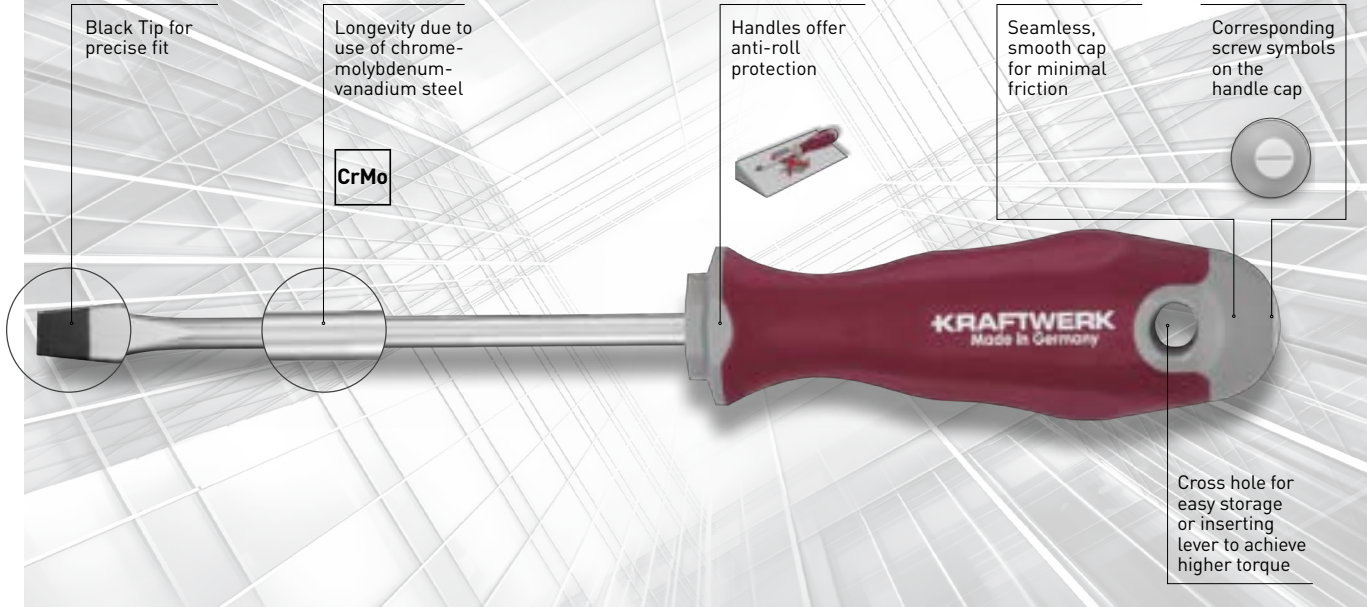
1/2"



Art.	<input type="checkbox"/>
2038.2	1/2"

5

PRO LINE



Performance exceeding DIN-standards by up to 100%

Many handles are called ergonomic, but it is always the hand that has to adapt to the handle.

PRO LINE Kraftwerk screwdriver is the only handle that adapts to the user's hand.

The flexibility of the 3-component PRO LINE Kraftwerk screwdriver handle provides perfect ergonomics, torque transmission and work comfort



Perfect ergonomics = perfect transmission of torque

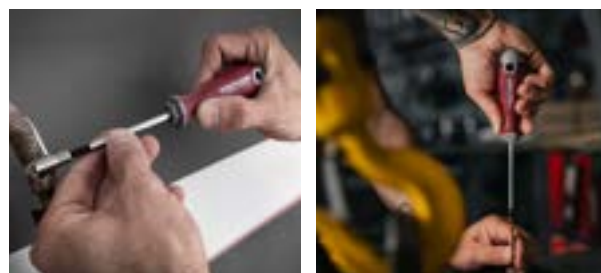
The impact proof handle core made from polypropylene is coated with durable Elastomer with embedded cells of highly flexible plastics. The handle fits perfectly into the hand at all times with pressure causing an interlocking of hand and handle.

Energy reduces and comfort increases, enabling the user to reach higher torque and longer fatigue-free work. The flexibility of the handle also enhances sensitivity and precise control of torque.

Kraftwerk PRO LINE screwdriver is a unique screwdriver, why not put it to the test yourself?









Made in Germany





PRO LINE slotted screwdriver






with hanging blister / cardboard

Art.		 mm	 mm	 mm	 mm	 kg
305.400.003	✓	3	0.5	80	86	0.03
305.400.004	✓	4	0.8	100	94	0.049
305.400.005	✓	5	0.8	150	101	0.075
305.400.006	✓	6	1.2	150	106	0.102
305.400.008	✓	8	1.2	175	112	0.135
305.400.010	✓	10	1.6	200	112	0.162
305.400.155	✓	5.5	1	25	60	0.036



PRO LINE Phillips screwdriver






with hanging blister / cardboard

Art.			 mm	 mm	 kg
305.410.000	✓	PH0	60	90	0.05
305.410.001	✓	PH1	80	94	0.05
305.410.002	✓	PH2	100	106	0.092
305.410.003	✓	PH3	150	112	0.146
305.410.225	✓	PH2	25	60	0.038











PRO LINE Torx screwdriver

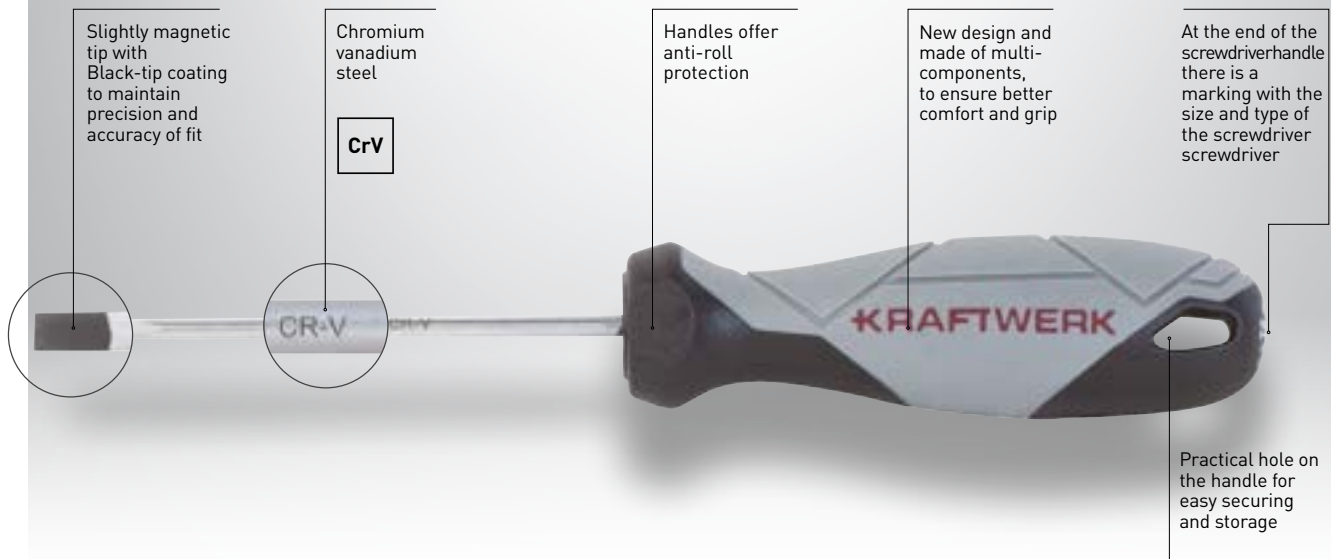
with hanging blister / cardboard

Art.			 mm	 mm	 kg
305.430.007	✓	TX7	60	86	0.028
305.430.008	✓	TX8	60	86	0.028
305.430.009	✓	TX9	60	86	0.028
305.430.010	✓	TX10	100	86	0.033
305.430.015	✓	TX15	100	94	0.05
305.430.020	✓	TX20	100	101	0.068
305.430.025	✓	TX25	100	106	0.082
305.430.027	✓	TX27	100	106	0.082
305.430.030	✓	TX30	115	112	0.103
305.430.040	✓	TX40	125	112	0.136








Art.					 kg
105.402.001	Screwdriver set for slotted and PH, 5 pcs.			SL 4.0-5.5-6.5 mm PH1 PH2	0.37
105.402.003	Screwdriver set for TX, 5 pcs.			TX 10-15-20-25-30	0.34

BASIC LINE







BASIC LINE screwdriver for slotted screws



Art.						
		mm	mm	mm	mm	kg
305.100.003	BASIC LINE screwdriver slotted 3.0 x 75 mm	3	0.5	75	90	0.033
305.100.004	BASIC LINE screwdriver slotted 4.0 x 100 mm	4	0.8	100	100	0.041
305.100.005	BASIC LINE screwdriver slotted 5.0 x 100 mm	5	0.8	100	110	0.059
305.100.006	BASIC LINE screwdriver slotted 6.0 x 100 mm	6	1.2	100	120	0.077
305.100.008	BASIC LINE screwdriver slotted 8.0 x 150 mm	8	1.2	150	120	0.124
305.100.010	BASIC LINE screwdriver slotted 10.0 x 175 mm	10	1.6	175	130	0.167
305.100.106	BASIC LINE screwdriver slotted 6.0 x 150 mm	6	1.2	150	130	0.089
305.100.906	BASIC LINE screwdriver slotted STUBBY 6 x 38 mm	6	1.2	38	130	0.045

BASIC LINE screwdriver for Phillips screws



Art.					
			mm	mm	kg
305.101.001	BASIC LINE screwdriver Phillips PH0 x 75 mm	PH0	75	90	0.033
305.101.002	BASIC LINE screwdriver Phillips PH1 x 75 mm	PH1	75	90	0.055
305.101.003	BASIC LINE screwdriver Phillips PH2 x 100 mm	PH2	100	110	0.078
305.101.004	BASIC LINE screwdriver Phillips PH3 x 150 mm	PH3	150	110	0.124
305.101.902	BASIC LINE screwdriver Phillips STUBBY PH2 x 38 mm	PH2	38	110	0.045



BASIC LINE screwdriver for Pozidriv screws



Art.					Δ kg
			mm	mm	
305.102.002	BASIC LINE screwdriver Pozidriv PZ1 x 75 mm	PZ1	75	100	0.055
305.102.003	BASIC LINE screwdriver Pozidriv PZ2 x 100 mm	PZ2	100	100	0.078
305.102.004	BASIC LINE screwdriver Pozidriv PZ3 x 150 mm	PZ3	150	100	0.124

BASIC LINE screwdriver for TX screws



Art.					Δ kg
			mm	mm	
305.103.006	BASIC LINE screwdriver TX T6 x 75 mm	T6	75	90	0.033
305.103.007	BASIC LINE screwdriver TX T7 x 75 mm	T7	75	90	0.034
305.103.008	BASIC LINE screwdriver TX T8 x 75 mm	T8	75	90	0.034
305.103.009	BASIC LINE screwdriver TX T9 x 75 mm	T9	75	90	0.034
305.103.010	BASIC LINE screwdriver TX T10 x 75 mm	T10	75	100	0.034
305.103.015	BASIC LINE screwdriver TX T15 x 75 mm	T15	75	100	0.037
305.103.020	BASIC LINE screwdriver TX T20 x 100 mm	T20	100	100	0.041
305.103.025	BASIC LINE screwdriver TX T25 x 100 mm	T25	100	110	0.058
305.103.027	BASIC LINE screwdriver TX T27 x 100 mm	T27	100	110	0.059
305.103.030	BASIC LINE screwdriver TX T30 x 100 mm	T30	100	110	0.078
305.103.040	BASIC LINE screwdriver TX T40 x 150 mm	T40	150	110	0.124

BASIC LINE plug-in handle

with 1/4" square socket at the end of the handle



Art.					Δ kg
			mm	mm	
305.104.100	BASIC LINE drive handle 1/4" x 100 mm	1/4"	60	90	0.096

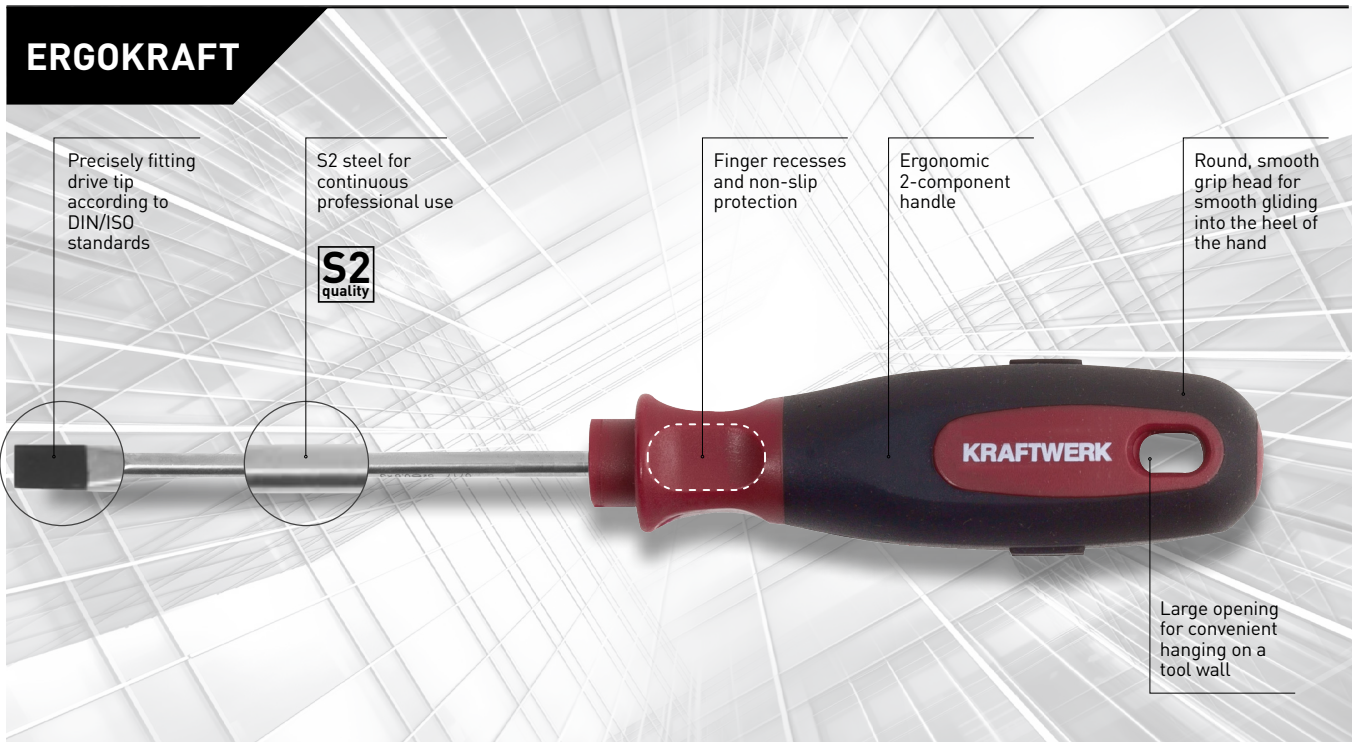
BASIC LINE screwdriver bit holder

1/4" x 250 mm



Art.					Δ kg
			mm	mm	
305.104.200	BASIC LINE bit screwdriver 1/4"	1/4"	100	90	0.096










ERGOKRAFT screwdriver for slotted screws

Manufactured to S2 quality








Art.		 mm	 mm	 mm	 mm	 kg
4110-1	ERGOKRAFT slotted screwdriver 0.6 x 3 mm	3	0.6	75	85	0.03
4110-2	ERGOKRAFT slotted screwdriver 0.8 x 4.0 mm	4	0.8	100	90	0.05
4110-3	ERGOKRAFT slotted screwdriver 1.0 x 5 mm	5	1	100	90	0.08
4110-4	ERGOKRAFT slotted screwdriver 1.1 x 6 mm	6	1.1	100	100	0.12
4110-5	ERGOKRAFT slotted screwdriver 1.2 x 8 mm	8	1.2	150	100	0.14
4110-6	ERGOKRAFT slotted screwdriver 1.6 x 10 mm	10	1.6	175	110	0.205

ERGOKRAFT stubby screwdriver for slotted screws

Manufactured to S2 quality




Art.		 mm	 mm	 mm	 mm	 kg
4112-2	ERGOKRAFT screwdriver for slotted screws STUBBY 1.1 x 6 mm	6	1.1	200	110	0.04

ERGOKRAFT screwdriver for Phillips screws

Manufactured to S2 quality



DIN / ISO 87641-1, 87641-2

Art.			 mm	 mm	 kg
4115-0	ERGOKRAFT screwdriver Phillips No. 0	PH0	95	95	0.03
4115-1	ERGOKRAFT screwdriver Phillips No. 1	PH1	95	95	0.07
4115-2	ERGOKRAFT screwdriver Phillips No. 2	PH2	110	110	0.09
4115-3	ERGOKRAFT screwdriver Phillips No. 3	PH3	110	110	0.14

ERGOKRAFT stubby screwdriver for Phillips screws

Manufactured to S2 quality



DIN / ISO 87641-1, 87641-2

Art.					Δ kg
		mm	mm		
4117-2	ERGOKRAFT Phillips screwdriver STUBBY No. 2	PH2	110	110	0.037

ERGOKRAFT screwdriver for Pozidriv screws

Manufactured to S2 quality



DIN / ISO 87641-1, 87641-2

Art.					Δ kg
		mm	mm		
4120-0	ERGOKRAFT screwdriver Pozidriv No. 0	PZ0	95	95	0.03
4120-1	ERGOKRAFT screwdriver Pozidriv No. 1	PZ1	95	95	0.06
4120-2	ERGOKRAFT screwdriver Pozidriv No. 2	PZ2	110	110	0.08
4120-3	ERGOKRAFT screwdriver Pozidriv No. 3	PZ3	110	110	0.14

ERGOKRAFT screwdriver for TX screws

Manufactured to S2 quality



Art.						Δ kg
		mm	mm	mm		
4125-08	ERGOKRAFT TX screwdriver T8	T8	3	80	95	0.07
4125-10	ERGOKRAFT TX screwdriver T10	T10	3.5	80	95	0.09
4125-15	ERGOKRAFT TX screwdriver T15	T15	4	80	100	0.075
4125-20	ERGOKRAFT TX screwdriver T20	T20	4	100	100	0.1
4125-25	ERGOKRAFT TX screwdriver T25	T25	4.5	100	110	0.1
4125-27	ERGOKRAFT TX screwdriver T27	T27	4.5	100	110	0.1
4125-30	ERGOKRAFT TX screwdriver T30	T30	5	150	110	0.1
4125-40	ERGOKRAFT TX screwdriver T40	T40	5.5	150	110	0.1

ERGOKRAFT screwdriver for TX screws

Manufactured to S2 quality

With bore hole at the tip, for normal TX screws and tamperproof TX screws



Art.						Δ kg
		mm	mm	mm		
4126-08	ERGOKRAFT tamper TX screwdriver T8	T8	4	75	95	0.07
4126-10	ERGOKRAFT tamper TX screwdriver T10	T10	4	75	95	0.09
4126-15	ERGOKRAFT tamper TX screwdriver T15	T15	5	100	100	0.09
4126-20	ERGOKRAFT tamper TX screwdriver T20	T20	5	100	100	0.1
4126-25	ERGOKRAFT tamper TX screwdriver T25	T25	6	125	110	0.1
4126-27	ERGOKRAFT tamper TX screwdriver T27	T27	6	125	110	0.1

ERGOKRAFT screwdriver set, 7 pcs.

For slotted and Phillips screws
2 component ergonomic handle
Blades hardened and with black tip
Blades made from chrome vanadium steel

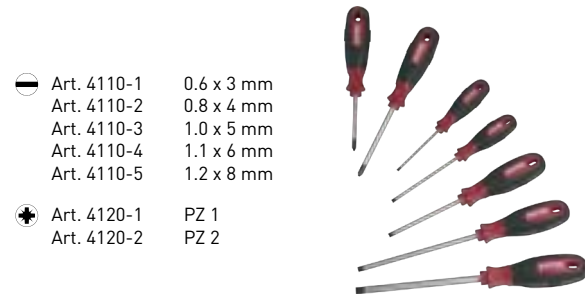


- ⊖ Art. 4110-1 0.6 x 3 mm
- Art. 4110-2 0.8 x 4 mm
- Art. 4110-3 1.0 x 5 mm
- Art. 4110-4 1.1 x 6 mm
- Art. 4110-5 1.2 x 8 mm
- ⊕ Art. 4115-1 PH 1
- Art. 4115-2 PH 2

Art.		Δ kg
4160		0.67

ERGOKRAFT screwdriver set, 7 pcs.

For slotted and Pozidriv screws
2 component ergonomic handle
Blades hardened and with black tip
Blades made from chrome vanadium steel

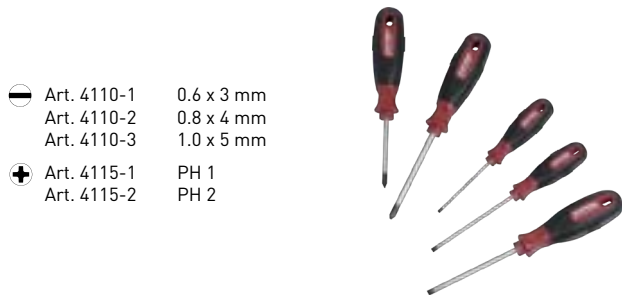


- ⊖ Art. 4110-1 0.6 x 3 mm
- Art. 4110-2 0.8 x 4 mm
- Art. 4110-3 1.0 x 5 mm
- Art. 4110-4 1.1 x 6 mm
- Art. 4110-5 1.2 x 8 mm
- ⊕ Art. 4120-1 PZ 1
- Art. 4120-2 PZ 2



Art.		Δ kg
4161		0.67

ERGOKRAFT screwdriver set, 5 pcs.

For slotted and Phillips screws
Ergonomic 2-component handle
Blades hardened and with black tip
Blades made from chrome vanadium steel

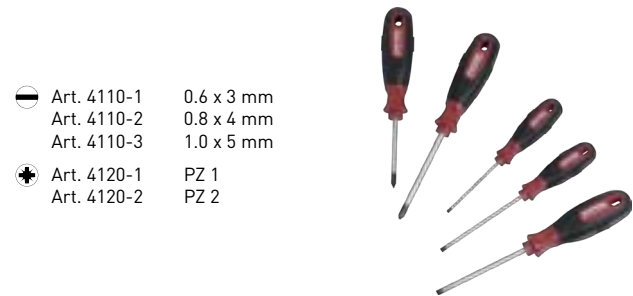


- ⊖ Art. 4110-1 0.6 x 3 mm
- Art. 4110-2 0.8 x 4 mm
- Art. 4110-3 1.0 x 5 mm
- ⊕ Art. 4115-1 PH 1
- Art. 4115-2 PH 2



Art.		Δ kg
4162		0.33

ERGOKRAFT screwdriver set, 5 pcs.

For slotted and Pozidriv screws
Ergonomic 2-component handle
Blades hardened and with black tip
Blades made from chrome vanadium steel



- ⊖ Art. 4110-1 0.6 x 3 mm
- Art. 4110-2 0.8 x 4 mm
- Art. 4110-3 1.0 x 5 mm
- ⊕ Art. 4120-1 PZ 1
- Art. 4120-2 PZ 2

Art.		Δ kg
4163		0.33

ERGOKRAFT screwdriver set, 8 pcs.

For TX screws
2 component ergonomic handle
Blades hardened and with black tip
Blades made from chrome vanadium steel



- ⊛ Art. 4125-08 T8
- Art. 4125-10 T10
- Art. 4125-15 T15
- Art. 4125-20 T20
- Art. 4125-25 T25
- Art. 4125-27 T27
- Art. 4125-30 T30
- Art. 4125-40 T40

Art.		Δ kg
4165		0.75

ERGOKRAFT screwdriver set, 8 pcs.

For TX screws with bore hole at the tip
2 component ergonomic handle
Blades hardened and with black tip
Blades made from chrome vanadium steel



- ⊛ Art. 4126-08 T8
- Art. 4126-10 T10
- Art. 4126-15 T15
- Art. 4126-20 T20
- Art. 4126-25 T25
- Art. 4126-27 T27
- Art. 4126-30 T30
- Art. 4126-40 T40

Art.		Δ kg
4166		0.75

Screwdriver and bit set, 24 pcs.

For slotted, TX, Pozidriv and Phillips screws
 2 component ergonomic handle
 Blades hardened and with black tip
 Blades made from chrome vanadium steel

- ⊖ Art. 4110-1 0.6 x 3 mm
- Art. 4110-2 0.8 x 4 mm
- Art. 4110-3 1.0 x 5 mm
- Art. 4110-4 1.1 x 6 mm
- Art. 4110-5 1.2 x 8 mm
- Art. 4110-6 1.6 x 10 mm
- ⊖ Art. 4112-2 1.1 x 6 mm
- ⊕ Art. 4115-0 PH 0
- Art. 4115-1 PH 1
- Art. 4115-2 PH 2
- Art. 4115-3 PH 3
- ⊕ Art. 4117-2 PH 2
- ⊕ Art. 4120-0 PZ 0
- Art. 4120-1 PZ 1
- Art. 4120-2 PZ 2
- Art. 4120-3 PZ 3
- Art. 4128 1/4"
- ⊕ T10-T15-T20-T25-T27-T30-T40



Art.		+	Δ
		mm	kg
4168	⊖ ⊕ ⊕ ⊕	375 x 160 x 73	2.2

ERGOKRAFT reversible ratchet blade screwdriver set, 10 pcs.

With 8 double end blades (= 16 screwdrivers)
 and blade with bit adapter
 Variable blade-length setting 5 - 15 mm
 Slotted, Phillips, Pozidriv, TORX®, hexagon



- ⊕ 175 mm
- 2 ⊖ 4-6 mm
- 2 ⊕ PH 1-2
- 2 ⊕ PZ 1-2
- 6 ⊕ T10-T15-T20-T25-T30-T40
- 4 ⊕ 3-4-5-6 mm

Art.		Δ
		kg
4135	⊖ ⊕ ⊕ ⊕ ⊕	0.79

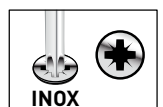
ERGOKRAFT screwdriver set, INOX, 8 pcs.

For slotted, Pozidriv and Phillips screws
 2 component ergonomic handle
 Blades hardened
 Suitable for use at extremely low temperatures
 Resistance to intergranular corrosion and oxidation
 Rust-proof



INOX

- ⊖ 0.6 x 3 mm
- 1.0 x 5 mm
- 1.1 x 6 mm
- 1.2 x 8 mm
- ⊕ PH 1-2
- ⊕ PZ 1-2







Art.		Δ
		kg
4170	⊖ ⊕ ⊕	0.75

Hexagon nut spinner



DIN 3125

Art.			 mm	 mm	 kg
4127-055	ERGOKRAFT socket nut driver 5.5 mm	5.5	142	110	0.11
4127-06	ERGOKRAFT socket nut driver 6 mm	6	142	110	0.11
4127-07	ERGOKRAFT socket nut driver 7 mm	7	142	110	0.12
4127-08	ERGOKRAFT socket nut driver 8 mm	8	142	110	0.14
4127-10	ERGOKRAFT socket nut driver 10 mm	10	142	110	0.17
4127-13	ERGOKRAFT socket nut driver 13 mm	13	142	120	0.208

Bit driver





For 1/4" bit inserts
Blade length: 10 mm



Art.			 mm	 mm	 kg
4128	1/4" ERGOKRAFT magnetic bit holder	10	75	100	0.1

ERGOKRAFT flexible hexagon nut spinner



Art.			 mm	 mm	 kg
109060	1/4" ERGOKRAFT flexible hexagon nut spinner 6 mm	6	90	90	0.15
109070	1/4" ERGOKRAFT flexible hexagon nut spinner 7 mm	7	90	90	0.15
109080	1/4" ERGOKRAFT flexible hexagon nut spinner 8 mm	8	100	90	0.155
109090	1/4" ERGOKRAFT flexible hexagon nut spinner 9 mm	9	100	90	0.16
109100	1/4" ERGOKRAFT flexible hexagon nut spinner 10 mm	10	110	90	0.16
109110	1/4" ERGOKRAFT flexible hexagon nut spinner 11 mm	11	110	90	0.16

ERGOKRAFT flexible spinner handle



Art.			 mm	 mm	 kg
109175	1/4" ERGOKRAFT flexible spinner handle	1/4"	120	90	0.15

Spinner handle with 1/4" square drive

Chrome vanadium
Chrome-plated and polished



Art.					
		mm	mm	kg	
109150	1/4" ERGOKRAFT spinner handle	1/4"	75	90	0.12

ERGOKRAFT spinner handle with 1/4" square drive

Chrome vanadium
Chrome-plated and polished



DIN 3122

Art.					
		mm	mm	kg	
109151	1/4" ERGOKRAFT spinner handle	1/4"	75	90	0.125

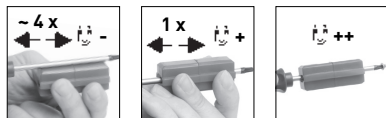
ERGOKRAFT spinner handle with 1/4" square drive

Chrome vanadium
Chrome-plated and polished



Art.					
		mm	mm	kg	
305.204.100	1/4" ERGOKRAFT drive handle	1/4"	65	90	0.12

Magnetic converter for screwdrivers



Art.		
		kg
2187		0.04



Impact screwdriver

for slotted screws. Go-through blade and striking cap on the handle. Special solid, impact-resistant black-point tip, hexagon blade and multi-components power form handle for highest torque and best ergonomomy.



DIN 5260;ISO 8764

Art.		 mm	 mm	 mm	 mm	 kg
4140-3	Slotted impact screwdriver 1.0 x 5.5 mm	5.5	1	75	110	0.14
4140-4	Slotted impact screwdriver 1.2 x 6.5 mm	6.5	1.2	75	110	0.15
4140-5	Slotted impact screwdriver 1.6 x 8.0 mm	8.0	1.6	100	110	0.23
4140-6	Slotted impact screwdriver 1.6 x 10.0 mm	10.0	1.6	100	110	0.24

Impact screwdriver

for Phillips screws. Go-through blade and striking cap on the handle. Special solid, impact-resistant black-point tip, hexagon blade and multi-components power form handle for highest torque and best ergonomomy.



Art.			 mm	 mm	 kg
4145-1	Phillips impact screwdriver No.1x75 mm	PH1	75	110	0.12
4145-2	Phillips impact screwdriver No.2x100 mm	PH2	100	110	0.13

Impact screwdriver

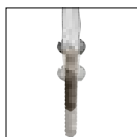
for Pozidriv screws. Go-through blade and striking cap on the handle. Special solid, impact-resistant black-point tip, hexagon blade and multi-components power form handle for highest torque and best ergonomomy.



Art.			 mm	 mm	 kg
4150-2	Pozidriv impact screwdriver No.2x100 mm	PZ2	100	110	0.13

Screw extractor impact screwdriver set, 2 pcs.





For loosening rusted and defective slotted and Phillips screws



Art.		 mm	 mm	 mm	 kg
4149	Screw extractor impact screwdriver set, 2 pcs.	6.0 x 100	PH2 x 100	195	0.25



Precision screwdriver for slotted screws

Art.		 mm	 mm	 mm	 mm	Δ kg
3177-15	Precision screwdriver slotted 1.6 x 40 mm	1.5	1.6	40	100	0.012
3177-20	Precision screwdriver slotted 2.0 x 75 mm	2.0	2	75	100	0.012
3177-24	Precision screwdriver slotted 2.4 x 75 mm	2.4	2.4	75	100	0.012
3177-30	Precision screwdriver slotted 3.0 x 75 mm	3.0	3	75	100	0.012
3177-35	Precision screwdriver slotted 3.5 x 75 mm	3.5	3.5	75	100	0.012
3177-40	Precision screwdriver slotted 4.0 x 75 mm	4.0	4	75	100	0.012



Precision screwdriver for Phillips screws

Art.		 mm	 mm	Δ kg	
3177-00	Precision screwdriver Phillips No. 00 x 75 mm	PH00	50	100	0.01
3177-0	Precision screwdriver Phillips No. 0 x 50 mm	PH0	50	100	0.016
3177-1	Precision screwdriver Phillips No. 1 x 75 mm	PH1	75	100	0.017



Precision screwdriver for Pozidriv screws

Art.		 mm	 mm	Δ kg	
3178-1	Precision screwdriver Pozidriv No. 1 x 75 mm	PZ1	75	100	0.017



Precision screwdriver for TX screws

Art.		 mm	 mm	Δ kg	
3178-06	Precision screwdriver TX T6 x 40 mm	T6	40	100	0.012
3178-07	Precision screwdriver TX T7 x 40 mm	T7	40	100	0.012
3178-08	Precision screwdriver TX T8 x 40 mm	T8	40	100	0.012

Precision screwdriver for TX screws

with bore hole at the short tip, for normal TX screws and tamperproof TX screws



Art.		 mm	 mm	Δ kg	
3178-09	Precision screwdriver tamper TX T9 x 75 mm	T9	75	100	0.017
3178-15	Precision screwdriver tamper TX T15 x 75 mm	T15	75	100	0.017
3178-20	Precision screwdriver tamper TX T20 x 75 mm	T20	75	100	0.017

ERGOKRAFT precision screwdriver set, 8 pcs.

For slotted and Phillips screws
For high-precision work
With 360° cap rotation
2-component handle





ERGOKRAFT precision screwdriver set, 8 pcs.

For TX screws
For high-precision work
With 360° cap rotation
2-component handle



- ⊖ Art. 3177-20 0.45 x 2.0 mm
- Art. 3177-24 0.50 x 2.4 mm
- Art. 3177-30 0.60 x 3.0 mm
- Art. 3177-35 0.65 x 3.5 mm
- Art. 3177-40 0.80 x 4.0 mm
- ⊕ Art. 3177-00 PH 00
- Art. 3177-0 PH 0
- Art. 3177-1 PH 1

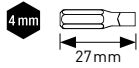
- ★ Art. 3178-05 T 5
- Art. 3178-06 T 6
- Art. 3178-07 T 7
- Art. 3178-08 T 8
- ★ Art. 3179-09 T 9
- Art. 3179-10 T 10
- Art. 3179-15 T 15
- Art. 3179-20 T 20

Art.		 kg
3177		0.25

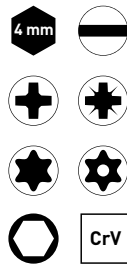
Art.		 kg
3178		0.25



Universal precision bit driver set, 22 pcs.



- 5 1.5-2-2.5-3-4 mm
- 3 PH000-PH00-PH0
- 2 PZ00-PZ0
- 4 T4-T5-T6-T7
- 3 T8-T9-T10-T15
- 3 1.5-2-2.5 mm
- 1 4.0 x 95 mm

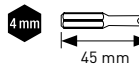


Art.	+	Δ
	mm	kg
3180	105 x 70 x 35	0.175

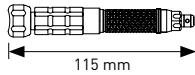
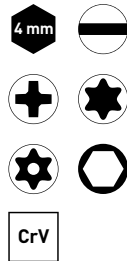


Universal precision bit driver set, 24 pcs.

With extensible bit screwdriver and extra long bits
Bits 45 mm, S/PH/TX/TX-TR/H



- 5 0.8-1.0-1.5-2.0-3.0 mm
- 4 PH 000-00-0-1
- 3 T3-T4-T5
- 5 T6-T8-T9-T10-T15
- 6 0.7-0.9-1.3-1.5-2.0-2.5 mm

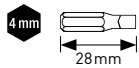


Art.	+	Δ
	mm	kg
3181	178 x 89 x 35	0.357

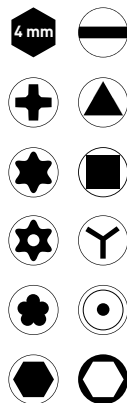


Electronic and precision tool set, 51 pcs.

Practical and compact in zippered bag
Suitable for all kinds of fine screwing jobs
Bits 28 mm, S/PH/TX/TX-TR/H/H-TR/Spanner/Torq/Triwing/
Triangle head/Square head/XZN/HI-Torque/Pentalob/AWL



- 5 1.0-1.5-2.0-2.5-3.0 mm
- 4 PH 000-00-0-1
- 3 T3-T4-T5
- 6 T6-T7-T8-T9-T10-T15
- 3 P2-P5-P6
- 6 0.9-1.3-1.5-2.0-2.5-3.0 mm
- 4 1.6-2.0-2.2-2.3 mm
- 2 No. 0-1
- 2 No. 0-1
- 1 0.8 mm
- 6 2.5-3.0-3.5-4.0-4.5-5.0 mm



Art.	+	Δ
	mm	kg
3182	240 x 46 x 110	0.35






Offset hexagon key wrench

Mat chromed

DIN 2936


Art.		 mm	↔ mm	Δ kg
3601-1.5	Hex key 1.5 mm	1.5	46	0.01
3601-2	Hex key 2 mm	2	58.5	0.01
3601-2.5	Hex key 2.5 mm	2.5	66	0.01
3601-3	Hex key 3 mm	3	74	0.01
3601-4	Hex key 4 mm	4	84	0.01
3601-5	Hex key 5 mm	5	95	0.02
3601-6	Hex key 6 mm	6	108	0.01
3601-8	Hex key 8 mm	8	121	0.06
3601-10	Hex key 10 mm	10	52	0.11



Offset ballpoint hexagon key wrench

Long, polished and mat chromed



DIN 2936

Art.		 mm	↔ mm	Δ kg
3602-1.5	Ballpoint hex key 1.5 mm	1.5	63	0.01
3602-2	Ballpoint hex key 2 mm	2	77	0.01
3602-2.5	Ballpoint hex key 2.5 mm	2.5	87	0.02
3602-3	Ballpoint hex key 3 mm	3	93	0.01
3602-4	Ballpoint hex key 4 mm	4	104	0.01
3602-5	Ballpoint hex key 5 mm	5	120	0.025
3602-6	Ballpoint hex key 6 mm	6	141	0.04
3602-7	Ballpoint hex key 7 mm	7	147	0.026
3602-8	Ballpoint hex key 8 mm	8	158	0.085
3602-10	Ballpoint hex key 10 mm	10	180	0.15

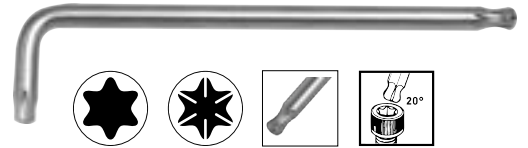


Offset key wrench for TX screws

Mat chromed






Art.			 mm	↔ mm	Δ kg
3605-10	TX key T10	T10	2.7	50	0.01
3605-15	TX key T15	T15	3.3	55	0.01
3605-20	TX key T20	T20	3.8	60	0.02
3605-25	TX key T25	T25	4.4	68	0.01
3605-27	TX key T27	T27	5	75	0.01
3605-30	TX key T30	T30	5.5	85	0.15
3605-40	TX key T40	T40	6.6	95	0.03
3605-45	TX key T45	T45	7.82	110	0.035
3605-50	TX key T50	T50	8.83	120	0.06

5.7. SCREWDRIVER



Offset ballpoint key wrench for TX screws

Long, polished and mat chromed





Art.		 	 mm	 mm	 kg
3608-10	Ballpoint TX-key T10	T10	2.7	87	0.088
3608-15	Ballpoint TX-key T15	T15	3.3	92	0.01
3608-20	Ballpoint TX-key T20	T20	3.8	96	0.01
3608-25	Ballpoint TX-key T25	T25	4.4	102	0.017
3608-27	Ballpoint TX-key T27	T27	5	110	0.02
3608-30	Ballpoint TX-key T30	T30	5.5	118	0.31
3608-40	Ballpoint TX-key T40	T40	6.6	130	0.045
3608-45	Ballpoint TX-key T45	T45	7.82	137	0.06
3608-50	Ballpoint TX-key T50	T50	8.83	160	0.088



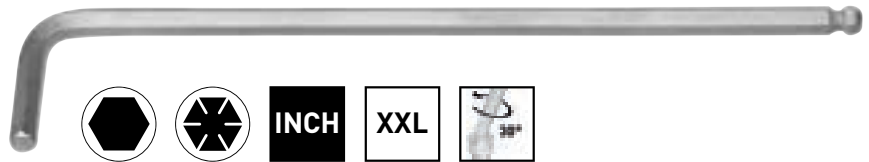
Offset ballpoint hexagon key wrench

Extra long, polished and mat chromed

DIN 2936




Art.		  mm	 mm	 kg
3604-1.5	Ballpoint hex key 1.5 mm	1.5	91.5	0.01
3604-2	Ballpoint hex key 2 mm	2	102	0.01
3604-2.5	Ballpoint hex key 2.5 mm	2.5	114.5	0.06
3604-3	Ballpoint hex key 3 mm	3	129	0.01
3604-4	Ballpoint hex key 4 mm	4	144	0.01
3604-5	Ballpoint hex key 5 mm	5	165	0.032
3604-6	Ballpoint hex key 6 mm	6	186	0.05
3604-7	Ballpoint hex key 7 mm	7	197	0.078
3604-8	Ballpoint hex key 8 mm	8	208	0.11
3604-10	Ballpoint hex key 10 mm	10	234	0.18
3606-12	Ballpoint hex key 12 mm	12	260	0.3
3606-14	Ballpoint hex key 14 mm	14	294	0.46
3606-17	Ballpoint hex key 17 mm	17	337	0.78
3606-19	Ballpoint hex key 19 mm	19	360	1.7





Inch offset ballpoint hexagon key wrench




Extra long, polished and mat chromed

Art.		  mm	↔ mm	 kg
3603-1/16	Ballpoint hex key 1/16"	1/16"	92	0.01
3603-1/4	Ballpoint hex key 1/4"	1/4"	185	0.049
3603-1/8	Ballpoint hex key 1/8"	1/8"	130	0.026
3603-3/16	Ballpoint hex key 3/16"	3/16"	165	0.026
3603-3/32	Ballpoint hex key 3/32"	3/32"	114	0.025
3603-3/8	Ballpoint hex key 3/8"	3/8"	235	0.18
3603-5/16	Ballpoint hex key 5/16"	5/16"	208	0.098
3603-5/32	Ballpoint hex key 5/32"	5/32"	142	0.018
3603-5/64	Ballpoint hex key 5/64"	5/64"	100	0.014



Offset key wrench for TX screws

Extra long, polished and mat chromed




Art.			 mm	↔ mm	 kg
3607-10	TX key mirror polished T10	T10	2.7	93	0.025
3607-15	TX key mirror polished T15	T15	3.3	104	0.05
3607-20	TX key mirror polished T20	T20	3.8	116	0.02
3607-25	TX key mirror polished T25	T25	4.4	131	0.026
3607-27	TX key mirror polished T27	T27	5	145	0.017
3607-30	TX key mirror polished T30	T30	5.5	166	0.04
3607-40	TX key mirror polished T40	T40	6.6	187	0.07
3607-45	TX key mirror polished T45	T45	7.82	209	0.1
3607-50	TX key mirror polished T50	T50	8.83	235	0.14



Offset key wrench for TX screws

with bore hole at the tip, for normal TX screws and tamperproof TX screws

Extra long, polished and mat chromed

Art.			 mm	↔ mm	 kg
3609-10	Tamper TX key mirror polished T10	T10	2.7	93	0.015
3609-15	Tamper TX key mirror polished T15	T15	3.3	104	0.015
3609-20	Tamper TX key mirror polished T20	T20	3.8	116	0.015
3609-25	Tamper TX key mirror polished T25	T25	4.4	131	0.015
3609-27	Tamper TX key mirror polished T27	T27	5	145	0.015
3609-30	Tamper TX key mirror polished T30	T30	5.5	166	0.04
3609-40	Tamper TX key mirror pol. T40	T40	6.6	187	0.07
3609-45	Tamper TX key mirror pol. T45	T45	7.82	209	0.1
3609-50	Tamper TX key mirror pol. T50	T50	8.83	235	0.14

5.7. SCREWDRIVER

Hexagon L-key wrenches set, 9 pcs.

1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm
Full hardened
With hanger and hole
Made of chrome vanadium



DIN 2936

Art.	
3601	0.291

Hexagon ball point L-key wrenches set 10 pcs.

1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 7 - 8 - 10 mm
Full hardened
With ball point on the long end
Swivel angle up to 25°
With hanger and hole
Made of Chrome Vanadium



DIN 2936

Art.	
3602	0.6

Ball-head angle pin wrench set for hexagon socket screws inch, 10 pcs.

1/16" - 5/64" - 3/32" - 1/8" - 5/32" - 3/16" - 1/4" - 5/16" - 3/8"
Extra long, polished and matt chrome-plated



Art.	
3603	0.5

XXL hexagon ball point L-key wrenches set, 10 pcs.

With ball head
1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 7 - 8 - 10 mm
Extra long, polished and matt chrome-plated
DIN / ISO 2936



DIN 2936

Art.	
3604	0.556

Offset ballpoint hexagon key wrench case 10 pcs.

3 - 4 - 5 - 6 - 7 - 8 - 10 - 12 - 14 - 17 mm
Extra long, mat chromed



DIN 2936

Art.	
3606	2.31

L-wrench key set, TX, 9 pcs.

T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50
Hardened throughout
Made of chrome vanadium



Art.	
3605	0.28

XXL TX L-key wrench set, 9 pcs.

T10 - T15 - T20 - T25 - T27 - T30 - T40
- T45 - T50

Extra long and with short arm
Full hardened
Chrome vanadium



Art.		Δ kg
3607		0.47

Spherical head TX key wrench set, 9 pcs.

T10 - T15 - T20 - T25 - T27 - T30 -
T40 - T45 - T50

Long, polished and mat chromed



Art.		Δ kg
3608		0.34

Ballpoint hexagon + TX-key set, 19 pcs.

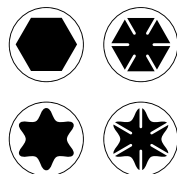
Consisting of:

Hexagon socket wrench set 3602

1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 mm

TX hexagon socket wrench set 3608

T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50



DIN 2936

Art.		Δ kg
3602+3608		0.942

Offset key wrench set for TX screws with bore hole at the tip, 9 pcs.

T10 - T15 - T20 - T25 - T27 - T30
- T40 - T45 - T50

For normal TX screws and
tamperproof TX screws
Extra long, polished
and mat chromed



Art.		Δ kg
3609		0.47

Offset key wrench set for TX screws with bore hole at the tip, 7 pcs.

T10 - T15 - T20 - T25 - T27
- T30 - T40

For normal TX screws and
tamperproof TX screws
Extra short, polished
and mat chromed



Art.		Δ kg
3609S		0.11

Offset key wrench set for TX screws with bore hole at the tip, 9 pcs.

T10 - T15 - T20 - T25 - T27 - T30 -
T40 - T45 - T50

For normal TX screws and
tamperproof TX screws
Long, made of stainless steel



Art.		Δ kg
3645		0.28

5.7. SCREWDRIVER**XXL hexagon L-key wrench set, 9 pcs.**

1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 - 10 mm
 With ball point head
 Color-coded
 Extra long and with short arm with the angle of 100°, can reach even into places where access is difficult



Art.	
307.800.009	0.46

XXL TX hexagon L-key wrench set, 9 pcs.

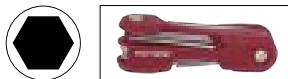
T10 - T15 - T20 - T25 - T27 - T30 - T40 - T45 - T50
 With ball point head
 Color-coded
 Extra long and with short arm with the angle of 100°, can reach even into places where access is difficult



Art.	
307.801.009	0.46

Set of male keys for hexagonal screws, 8 pcs.

1.5 - 2 - 2.5 - 3 - 4 - 5 - 6 - 8 mm
 With sleeve support



Art.	\pm mm	
3623	115 × 40 × 40	0.179

Set of male keys for TX screws, 8 pcs.

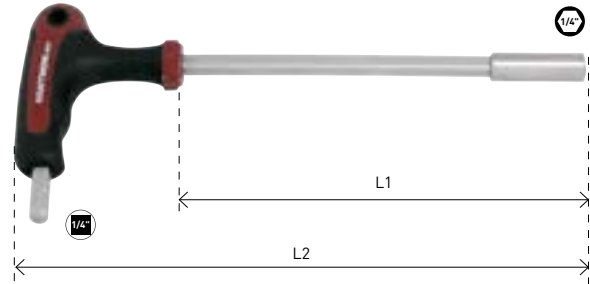
T9 - T10 - T15 - T20 - T25 - T27 - T30 - T40
 With sleeve support



Art.	\pm mm	
3624	115 × 40 × 40	0.179

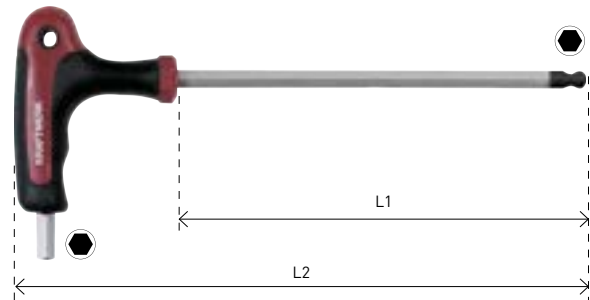
2006/42/EC

T-handle bit driver 1/4"
Magnetic



Art.		L1 mm	L2 mm	ΔΔ kg
3634	T-handle for bits 1/4 , magnetic	150	205	0.11

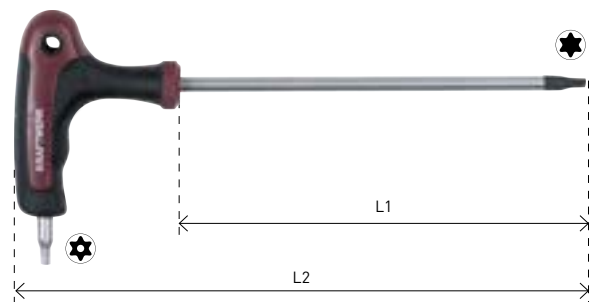
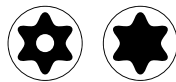
**Ballpoint hexagon
T-handle screwdriver**



Art.		mm	L1 mm	L2 mm	ΔΔ kg
3636-2	Ballpoint T-screwdriver 2 mm x 100 mm	2	100	130	0.03
3636-2.5	Ballpoint T-screwdriver 2.5 mm x 100 mm	2.5	100	130	0.035
3636-3	Ballpoint T-screwdriver 3 mm x 100 mm	3	125	140	0.035
3636-4	Ballpoint T-screwdriver 4 mm x 150 mm	4	125	195	0.05
3636-5	Ballpoint T-screwdriver 5 mm x 150 mm	5	150	210	0.11
3636-6	Ballpoint T-screwdriver 6 mm x 150 mm	6	150	210	0.13
3636-7	Ballpoint T-screwdriver 7 mm x 150 mm	7	175	210	0.14
3636-8	Ballpoint T-screwdriver 8 mm x 200 mm	8	175	260	0.195
3636-10	Ballpoint T-screwdriver 10 mm x 200 mm	10	200	280	0.28
3636-12	Ballpoint T-screwdriver 12 mm x 200 mm	12	200	280	0.44

**TX T-handle screwdriver with bore
hole at the short tip**

For normal TX screws and
tamperproof TX screws

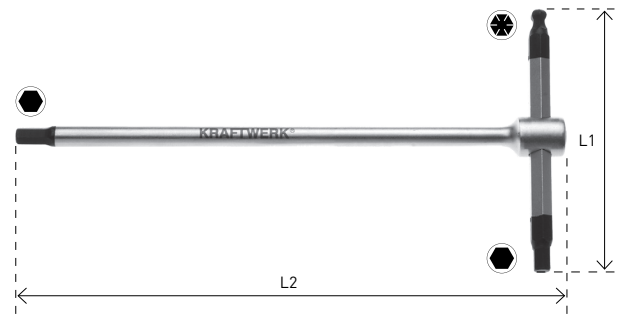




Art.		mm	mm	L1 mm	L2 mm	ΔΔ kg
3637-10	TX T-screwdriver T10 x 100 mm	T10	2.7	100	140	0.03
3637-15	TX T-screwdriver T15 x 100 mm	T15	3.3	100	145	0.045
3637-20	TX T-screwdriver T20 x 100 mm	T20	3.8	100	145	0.05
3637-25	TX T-screwdriver T25 x 150 mm	T25	4.4	150	210	0.12
3637-27	TX T-screwdriver T27 x 150 mm	T27	5.0	150	210	0.12
3637-30	TX T-screwdriver T30 x 150 mm	T30	5.5	150	210	0.125
3637-40	TX T-screwdriver T40 x 200 mm	T40	6.6	200	255	0.19
3637-45	TX T-screwdriver T45 x 200 mm	T45	7.82	200	275	0.19
3637-50	TX T-screwdriver T50 x 200 mm	T50	8.83	200	275	0.39
3637-55	TX T-screwdriver T55 x 200 mm	T55	11.22	200	275	0.38

5.7. SCREWDRIVER

Pin wrench with T-handle for hexagon socket screws

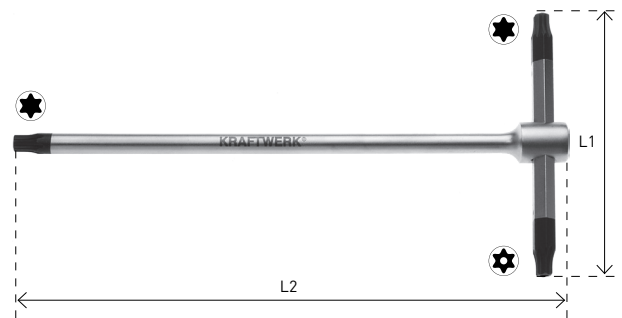
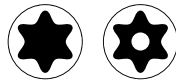
2 ends with hexagonal profile and 1 end with ball head hexagonal profile






Art.		  mm	L1 mm	L2 mm	Δ kg
2593-02	Hex./ballpoint T-handle wrench 2 mm	2.0	65	126	0.03
2593-025	Hex./ballpoint T-handle wrench 2.5 mm	2.5	65	126	0.03
2593-03	Hex./ballpoint T-handle wrench 3 mm	3.0	65	126	0.03
2593-04	Hex./ballpoint T-handle wrench 4 mm	4.0	90	180	0.06
2593-05	Hex./ballpoint T-handle wrench 5 mm	5.0	90	180	0.07
2593-06	Hex./ballpoint T-handle wrench 6 mm	6.0	105	210	0.14
2593-07	Hex./ballpoint T-handle wrench 7 mm	7.0	105	210	0.14
2593-08	Hex./ballpoint T-handle wrench 8 mm	8.0	125	250	0.22
2593-10	Hex./ballpoint T-handle wrench 10 mm	10	145	300	0.38

T-handle wrench for TX screws

2 TX male ends and 1 tamper TX male end



Art.		  mm	 mm	L1 mm	L2 mm	Δ kg
2594-10	TX and tamper TX T-handle wrench T10	T10	2.7	65	125	0.03
2594-15	TX and tamper TX T-handle wrench T15	T15	3.2	65	125	0.03
2594-20	TX and tamper TX T-handle wrench T20	T20	3.8	65	125	0.03
2594-25	TX and tamper TX T-handle wrench T25	T25	4.4	90	180	0.07
2594-27	TX and tamper TX T-handle wrench T27	T27	4.9	90	180	0.07
2594-30	TX and tamper TX T-handle wrench T30	T30	5.5	90	180	0.07
2594-40	TX and tamper TX T-handle wrench T40	T40	6.6	105	210	0.14
2594-45	TX and tamper TX T-handle wrench T45	T45	7.82	105	210	0.14
2594-50	TX and tamper TX T-handle wrench T50	T50	8.83	105	215	0.23







VDE



Electrician screwdriver for slotted screws



Art.						Δ kg
		mm	mm	mm	mm	
305.301.025	VDE screwdriver slotted 2.5 mm	2.5	0.5	100	90	0.03
305.301.030	VDE screwdriver slotted 3.0 mm	3	0.6	100	90	0.03
305.301.035	VDE screwdriver slotted 3.5 mm	3.5	0.6	100	100	0.036
305.301.040	VDE screwdriver slotted 4.0 mm	4	0.8	100	100	0.038
305.301.055	VDE screwdriver slotted 5.5 mm	5.5	1	130	115	0.08
305.301.065	VDE screwdriver slotted 6.5 mm	6.5	1.2	155	115	0.1
305.301.070	VDE screwdriver slotted 7.0 mm	7	1.2	155	115	0.154
305.301.080	VDE screwdriver slotted 8.0 mm	8	1.3	155	115	0.22



Electrician screwdriver for Phillips screws



Art.					Δ kg
			mm	mm	
305.310.000	VDE screwdriver Phillips No.0	PH0	60	95	0.03
305.310.001	VDE screwdriver Phillips PH1	PH1	80	95	0.036
305.310.002	VDE screwdriver Phillips PH2	PH2	100	95	0.086
305.310.003	VDE screwdriver Phillips PH3	PH3	150	115	0.144



Electrician screwdriver for Pozidriv screws



Art.					Δ kg
			mm	mm	
305.320.000	VDE screwdriver Pozidriv PZ0	PZ0	60	95	0.03
305.320.001	VDE screwdriver Pozidriv PZ1	PZ1	80	95	0.036
305.320.002	VDE screwdriver Pozidriv PZ2	PZ2	100	95	0.086
305.320.003	VDE screwdriver Pozidriv PZ3	PZ3	150	115	0.142



Electrician screwdriver for tamper TX screws

Art.					Δ kg
			mm	mm	
305.330.006	VDE screwdriver tamper TX T6	T6	70	95	0.032
305.330.007	VDE screwdriver tamper TX T7	T7	70	95	0.032
305.330.008	VDE screwdriver tamper TX T8	T8	70	95	0.032
305.330.009	VDE screwdriver tamper TX T9	T9	70	95	0.032
305.330.010	VDE screwdriver tamper TX T10	T10	70	95	0.032
305.330.015	VDE screwdriver tamper TX T15	T15	80	95	0.036
305.330.020	VDE screwdriver tamper TX T20	T20	100	115	0.038
305.330.025	VDE screwdriver tamper TX T25	T25	130	115	0.082
305.330.027	VDE screwdriver tamper TX T27	T27	130	115	0.082
305.330.030	VDE screwdriver tamper TX T30	T30	130	115	0.1
305.330.040	VDE screwdriver tamper TX T40	T40	180	115	0.154
305.330.045	VDE screwdriver tamper TX T45	T45	180	115	0.154



Electrician screwdriver for hexagonal screws

Art.					Δ kg
			mm	mm	
305.340.025	VDE screwdriver hex 2.5 mm	2.5	75	90	0.032
305.340.030	VDE screwdriver hex 3 mm	3	75	90	0.036
305.340.040	VDE screwdriver hex 4 mm	4	75	100	0.082
305.340.050	VDE screwdriver hex 5 mm	5	80	110	0.1
305.340.060	VDE screwdriver hex 6 mm	6	80	110	0.154
305.340.080	VDE screwdriver hex 8 mm	8	150	115	0.22

ERGOKRAFT electrician screwdriver set, 8 pcs.

For slotted and Phillips screws

2 components safety grip according to IEC 60900

Blades hardened and with black tip

Blades made from chrome vanadium steel

With voltage tester



- Art. 3132-1 2.5 x 75 mm
- Art. 3132-4 4.0 x 100 mm
- Art. 3132-5 5.5 x 125 mm
- Art. 3132-6 6.5 x 150 mm
- Art. 3135-0 PH 0 x 60 mm
- Art. 3135-1 PH 1 x 80 mm
- Art. 3135-2 PH 2 x 100 mm
- Art. 2138 100-250 V



Art.		Δ kg
3157		0.61

Voltage tester 110-250 V

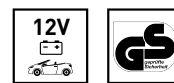
GS-approved



Art.				Δ kg
	mm	mm	mm	
2138	3	60	80	0.03

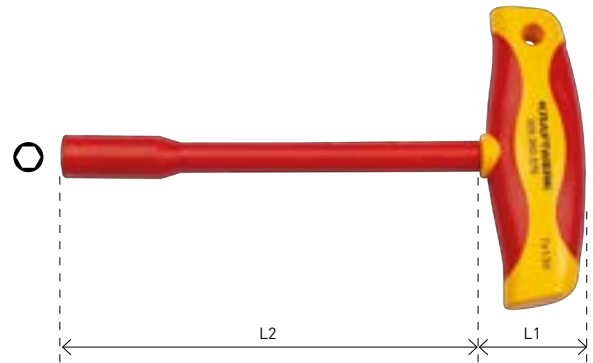
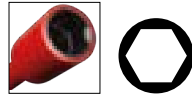
Voltage testlamp 12 V

GS-approved



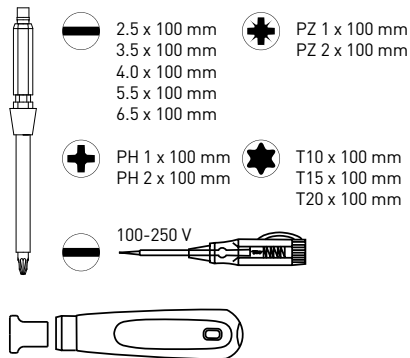
Art.	Δ kg
2139	0.07

VDE T-handle nut hex key wrench
GS-approved



Art.		mm	L1 mm	L2 mm	Δ kg
305.350.040	T-handle nut hex key wrench 4 mm VDE	4	30	135	0.11
305.350.050	T-handle nut hex key wrench 5 mm VDE	5	30	135	0.064
305.350.055	T-handle nut hex key wrench 5,5 mm VDE	5.5	30	135	0.064
305.350.060	T-handle nut hex key wrench 6 mm VDE	6	30	135	0.064
305.350.070	T-handle nut hex key wrench 7 mm VDE	7	30	135	0.082
305.350.080	T-handle nut hex key wrench 8 mm VDE	8	30	135	0.084
305.350.090	T-handle nut hex key wrench 9 mm VDE	9	30	135	0.084
305.350.100	T-handle nut hex key wrench 10 mm VDE	10	30	135	0.136
305.350.110	T-handle nut hex key wrench 11 mm VDE	11	30	135	0.136
305.350.120	T-handle nut hex key wrench 12 mm VDE	12	30	135	0.144
305.350.130	T-handle nut hex key wrench 13 mm VDE	13	30	135	0.146
305.350.140	T-handle nut hex key wrench 14 mm VDE	14	30	135	0.152

VDE interchangeable blade screwdriver set, 15 pcs.
In practical roll-up bag



Art.	
4137DE	





HIGHTECH 3C PRO LINE

The industrial pliers line

made from special tool steel, drop-forged, oil-hardened, with induction-hardened precision cutting edges, with anti-glare and non-reflective **titanium finish**. Maximum grip and ergonomics thanks to "**Soft-Grip**" handles with the latest **3-component** technology, with impact protection.



ERGOKRAFT

Ergonomic 2-component handle

for maximum grip comfort and optimum power transmission, made of chrome vanadium steel, chrome-plated, highly polished.



BASIC LINE

Ergonomic 2-component handle

for better comfort and grip, made of chrome vanadium steel. Rubberized surface in elegant grey-black design, BASIC LINE is an inexpensive alternative line to ERGOKRAFT and HIGHTECH, which still delivers good quality.



Combination pliers HIGHTECH

American form
Drop forged from special steel
Improved and precise leverage
For cutting soft and hard wires
Cutting edges induction hardened
Useful as spanner M8 - M1 / Ø 11 - 17 mm
Grip zone for round and flat materials
3-component handle

HIGHTECH



Art.	K Ø mm	C Ø mm	H Ø mm	L mm
4271-165	10	4	2	165
4271-180	12	5.2	2.2	180
4271-205	13	5.9	2.5	205



DIN ISO 5746

Combination pliers ERGOKRAFT

ERGOKRAFT

Art.	L mm
3281-160	160
3281-180	180
3281-200	200



DIN ISO 5746

Combination pliers BASIC LINE

Ergonomic handle for maximum grip comfort and optimum force transmission

BASIC LINE

Art.	L mm
308.100.000	60



5.8. PLIERS

HIGHTECH pliers set, 4 pcs.

Combination Pliers, 180 mm / 7"
 7" Diagonal cutter, 180 mm
 8" Flat nose pliers, 205 mm
 9.1/2" Water pump pliers, 240 mm



HIGHTECH

Art.		Δ kg
308.000.000		1.15

ERGOKRAFT plier set, 4 pcs.

Combination pliers, 180 mm / 7"
 Diagonal cutter, 160 mm / 6 1/2"
 Flat nose pliers, 205 mm / 8"
 Water pump pliers, 250 mm / 10"



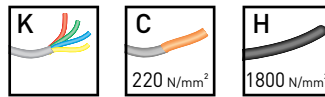
ERGOKRAFT

Art.		Δ kg
3292		1

Diagonal cutter HIGHTECH

For cutting soft and hard wires
 Drop forged from special steel
 Improved and precise leverage
 Precision cutting edges
 Anti-slip function
 Cutting edge induction hardened
 3-component handle

HIGHTECH



Art.	K Ø mm	C Ø mm	H Ø mm	L mm
4272-145	8	5	1.7	145
4272-160	11	6	2	160
4272-180	13	7	2.5	180



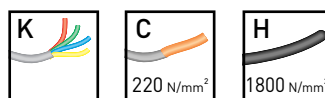
Electrician diagonal cutter, HIGHTEC, C - H, 190 mm / 7.1/2"

Cutting, stripping, crimping and bending in one tool
 Stripping 1,5 mm² and 2,5 mm² for single and multiple conductors
 Drop forged from special steel
 Improved and precise leverage
 Precision cutting edges for finest wires
 Cutting edge induction hardened
 3-component handle

HIGHTECH



- Crimping
- Stripping 1.5-2.5 mm²
- Cutting
- Bending



Art.	K Ø mm	C Ø mm	H Ø mm	L mm
4272-190	4	2	1	190



Side cutting nippers ERGOKRAFT

ERGOKRAFT

Art.	L mm
3282-140	140
3282-160	160



Diagonal cutter BASIC LINE

BASIC LINE

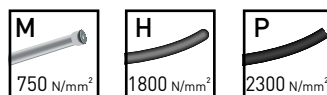
Art.	L mm
308.101.000	234



Diagonal cutter, high performance HIGHTECH

Drop forged from special steel
Improved and precise leverage
Precision cutting edge for piano wire (D2 quality)
Anti-slip function
Cutting edges induction hardened
3-component handle

HIGHTECH



Art.	M Ø mm	H Ø mm	P Ø mm	L mm
4273-180	3.7	2.6	2.2	180
4273-200	4	2.8	2.5	200

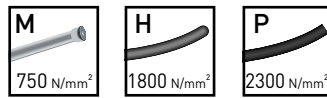


5.8. PLIERS

Diagonal cutter, high performance with lever effect HIGHTECH

For cutting soft and hard wires
 Also for tying steel mesh
 Drop forged from special steel
 Improved and precise leverage
 Precision cutting edges
 Cutting edge induction hardened

HIGHTECH



Art.	M Ø mm	H Ø mm	P Ø mm	L mm
4274-200	4.5	3.5	3	200



High leverage side cutting nippers ERGOKRAFT

ERGOKRAFT

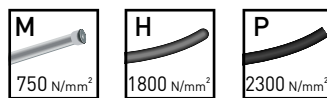
Art.	L mm
3283-180	180



Heavy duty lever end cutting nippers HIGHTECH, 200 mm / 8"

For cutting soft and hard wires
 Also for assembly work
 Forged from special steel
 Improved and precise leverage
 Precision cutting edges
 Induction-hardened cutting edge

HIGHTECH



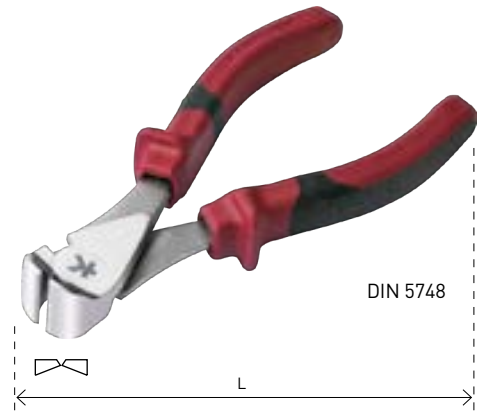
Art.	M Ø mm	H Ø mm	P Ø mm	L mm
4214-200	4	3.5	4.5	200



End cutting nippers ERGOKRAFT

ERGOKRAFT

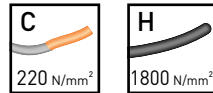
Art.	L mm
3284-160	160



Flat round pliers HIGHTECH

For cutting soft and hard wires
Drop forged from special steel
Improved and precise leverage
With integrated spanner
Serrated inside jaws
With cutting edges
Cutting edge induction hardened
3-component handle

HIGHTECH



Art.	C Ø mm	H Ø mm	L mm
4275-170	2.5	1.6	170
4275-205	3.9	2.2	205



Long nose pliers ERGOKRAFT

ERGOKRAFT

Art.	L mm
3285-160	160
3285-200	200



BASIC LINE flat round pliers

BASIC LINE

Art.	L mm
308.102.000	235



5.8. PLIERS

HIGHTECH

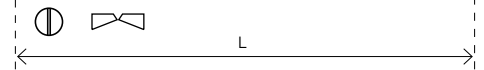
Long nose pliers HIGHTECH, angled 45°

- For cutting soft and hard wires
- Drop forged from special steel
- Improved and precise leverage
- With integrated spanner
- Serrated inside jaws
- With cutting edges
- Cutting edge induction hardened
- 3-component handle



DIN ISO 5745

Art.	C Ø mm	H Ø mm	L mm
4276-205	3.9	2.2	205



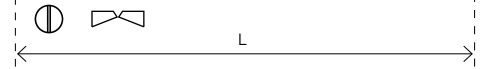
ERGOKRAFT

Long nose pliers ERGOKRAFT, angled 45°



2006/42/EC; DIN ISO 5745

Art.	L mm
3286-200	200



Flat nose pliers HIGHTECH

For holding and bending
Drop forged from special steel
Serrated inside jaws
3-component handle

HIGHTECH

Art.	L mm
4277-160	160



ERGOKRAFT flat nose pliers

ERGOKRAFT

Art.	L mm
3287-160	160



Round nose pliers HIGHTECH

For holding and bending
Drop forged from special steel
Serrated inside jaws
3-component handle

HIGHTECH

Art.	L mm
4278-160	160



Round nose pliers ERGOKRAFT

ERGOKRAFT

Art.	L mm
3288-160	160



Wire stripping pliers HIGHTECH

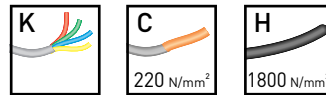
HIGHTECH

Art.	K mm ²	K Ø mm	L mm
4279-160	0.5 - 10	5	160



Multifunction wire stripping pliers HIGHTECH

HIGHTECH



Art.	K mm ²	K Ø mm	C Ø mm	H Ø mm	L mm
4279-180	5 - 16	11	6	2	180



Wire stripping pliers ERGOKRAFT

ERGOKRAFT

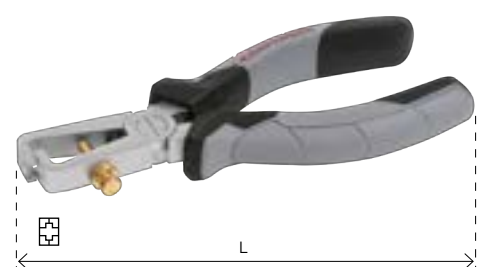
Art.	K mm ²	K Ø mm	L mm
3289-160	0.5 - 10	5	160



Wire stripping pliers BASIC LINE

BASIC LINE

Art.	K mm ²	K Ø mm	L mm
308.103.000	0.5 - 10	5	160

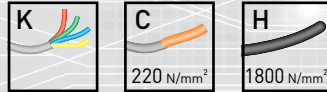


VDE

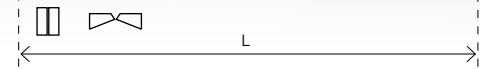
HIGHTECH

**Isolated combination pliers VDE
HIGHTECH, C - H, 18 mm / 7"**

American form
Drop forged from special steel
Improved and precise leverage
For cutting soft and hard wires
Cutting edges induction hardened
2 components safety grip according to IEC 69

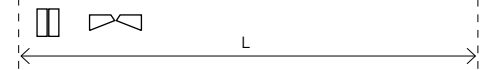


DIN ISO 5746



Art.	K Ø mm	C Ø mm	H Ø mm	L mm
4211-180	12	5.2	2.2	180

Isolated combination pliers VDE 1000 V

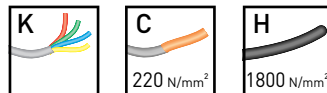


Art.	L mm
308.300.180	180

HIGHTECH

**Isolated diagonal cutter, VDE HIGHTECH
1000 V**

For cutting soft and hard wires
Drop forged from special steel
Improved and precise leverage
Precision cutting edges
Cutting edge induction hardened
2 components safety grip according to IEC 69

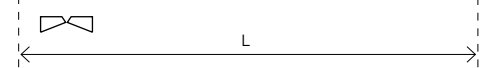


DIN ISO 5749



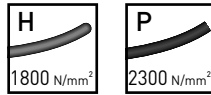
Art.	K Ø mm	C Ø mm	H Ø mm	L mm
4212-160	11	6	2	160
4212-180	13	7	2.5	180

**Isolated side cutting nippers
VDE ERGOKRAFT 1000 V**



Art.	L mm
308.300.160	160

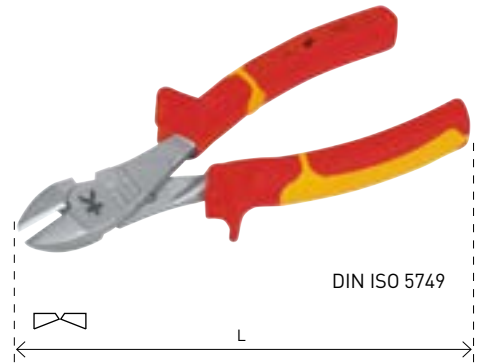
HIGHTECH



Isolated high leverage side cutting nippers, VDE HIGHTECH 1000 V

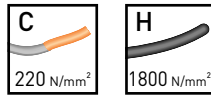


Art.	H Ø mm	P Ø mm	L mm
4213-180	2.6	2.2	180
4213-200	2.8	2.5	200



DIN ISO 5749

HIGHTECH



Isolated side cutting nippers VDE HIGHTECH 1000 V



Art.	C Ø mm	H Ø mm	L mm
4215-205	3.9	2.2	205

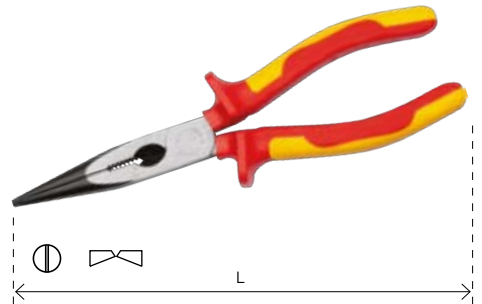


DIN ISO 5745

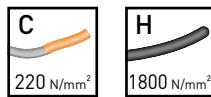
Isolated long nose pliers VDE 1000 V



Art.	L mm
308.310.200	200



HIGHTECH



Isolated long nose pliers, angled 45°, VDE HIGHTECH 1000 V



Art.	C Ø mm	H Ø mm	L mm
4216-205	3.9	2.2	205



DIN ISO 5745

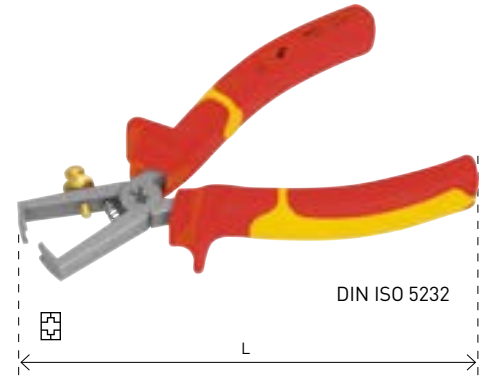
HIGHTECH

**Isolated wire stripping pliers
VDE HIGHTECH 1000 V**



1000 V
IEC 60900

Art.	K mm ²	K Ø mm	L mm
4219-160	0.5 - 10	5	160

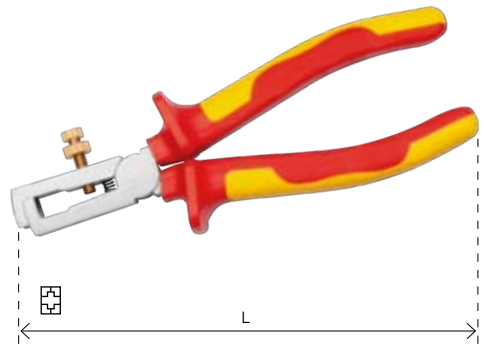


Isolated wire stripping pliers VDE 1000 V



1000 V
IEC 60900

Art.	L mm
308.320.160	160



HIGHTECH



Isolated cable-cutter VDE HIGHTECH 1000 V

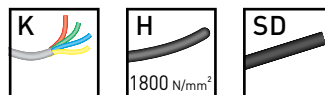


1000 V
IEC 60900

Art.	K mm ² Al + Cu	K Ø mm Al + Cu	L mm
4210-160	50	16	160
4210-210	70	25	210



HIGHTECH

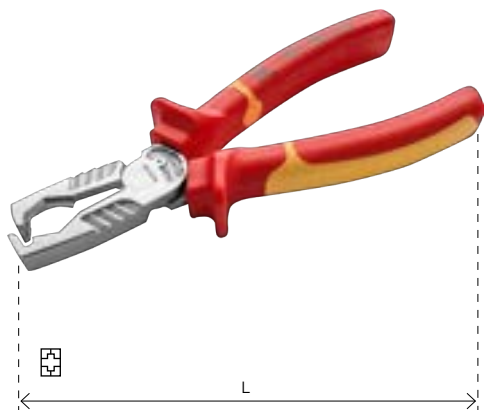


**Isolated 3-in-1 wire stripping pliers VDE
HIGHTECH 1000 V**



1000 V
IEC 60900

Art.	K mm ²	K Ø mm	H Ø mm	SD Ø mm	L mm
4219-180	0.5-10	11	2	6	180

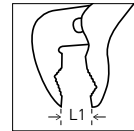


Isolated water pump pliers
VDE HIGHTECH 1000 V



HIGHTECH

1000 V
IEC 60900

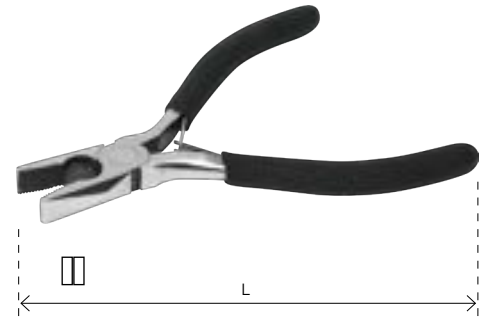


Art.	L1 mm	L2 mm
4220-250	50	250



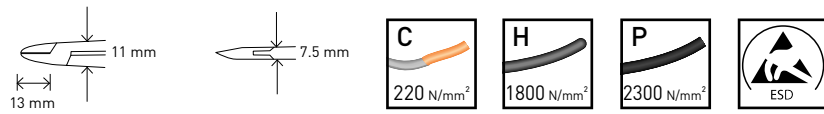
Electronic linesman pliers

Art.	L mm
2236	110



Electronic side cutting nippers HIGHTECH

HIGHTECH

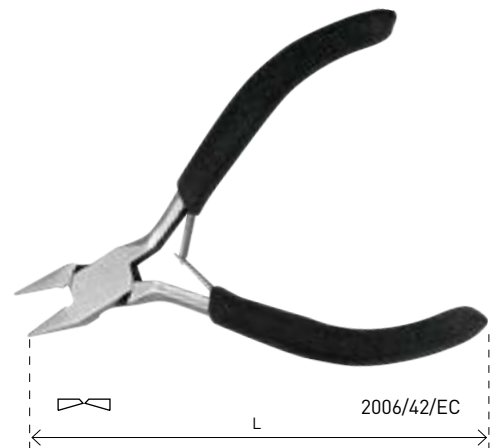


Art.	C Ø mm	H Ø mm	P Ø mm	L mm
4235-115	1.2	0.6	0.4	115



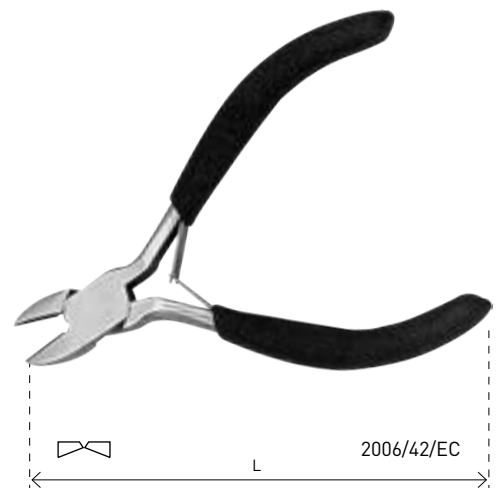
Electronic round head side cutting nippers

Art.	L mm
2234	110



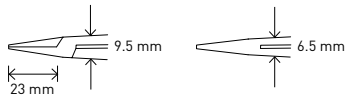
Electronic triangle head side cutting nippers

Art.	L mm
2235	105



5.8. PLIERS

Electronic plain long nose pliers HIGHTECH



HIGHTECH



Art.	L mm
4233-115	115



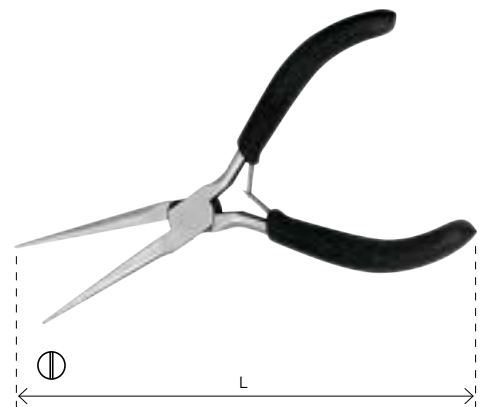
Mini long nose pliers

Art.	L mm
2231	120

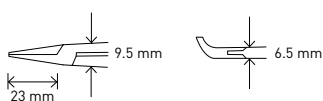


Mini long nose pliers

Art.	L mm
2232	150



Electronic chain nose pliers HIGHTECH



HIGHTECH



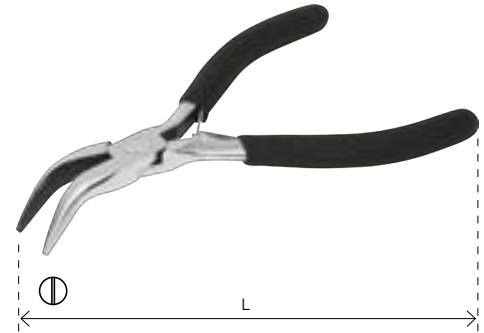
Art.	L mm
4234-115	115



Electronic long nose pliers, angled 45°

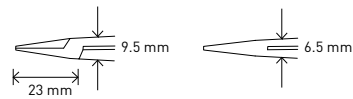


Art.	L mm
2238	115



Electronic plain flat nose pliers HIGHTECH

HIGHTECH

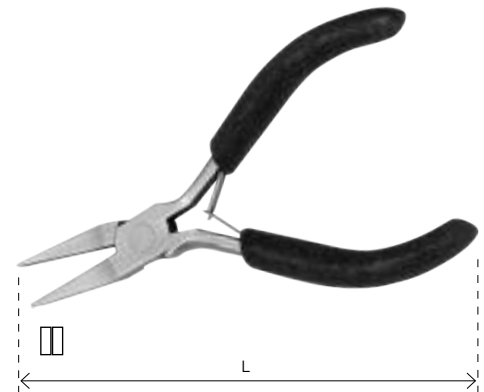


Art.	L mm
4231-115	115



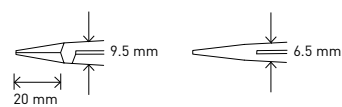
Electronic flat nose pliers

Art.	L mm
2233	120



Electronic round nose pliers HIGHTECH

HIGHTECH



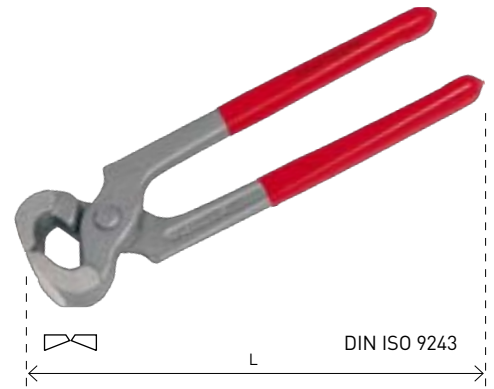
Art.	L mm
4232-115	115



Carpenter's pincers HIGHTECH

HIGHTECH

Art.	L mm
4242-180	180
4242-250	250



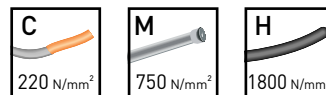
Carpenters pincers

Art.	L mm
2216-180	180
2216-200	200



High leverage tower pincers HIGHTECH

HIGHTECH



Art.	C Ø mm	M Ø mm	H Ø mm	L mm
4241-230	4.2	3.4	2.4	230
4241-260	4.2	3.8	2.6	260
4241-300	4.2	4	2.8	300



Tower pincers



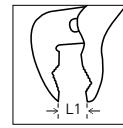
Art.	L mm
2217-250	250
2217-280	280



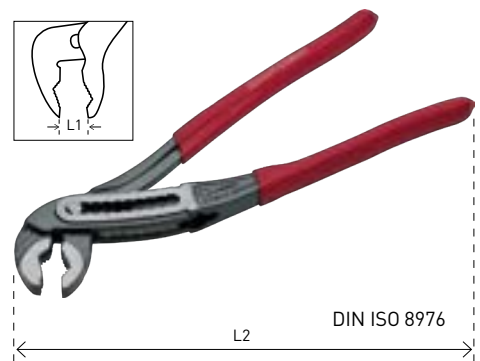
Water pump pliers HIGTECH

with inverted security box joint

HIGTECH



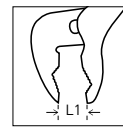
Art.		L1 mm	L2 mm
4223-180		40	180
4223-240		50	240
4223-300		65	300



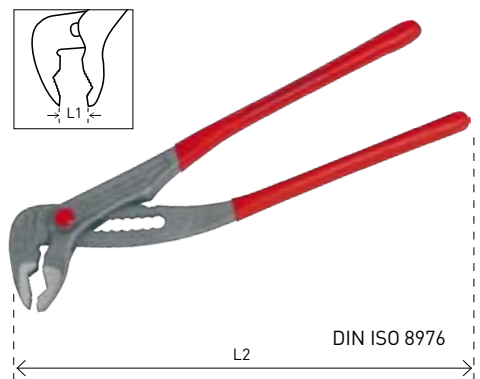
HIGTECH

Water pump pliers HIGTECH

with inverted security box joint and direct adjusting push-button

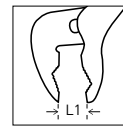


Art.		L1 mm	L2 mm
4222-180		35	180
4222-250		50	250
4222-300		65	300
4222-400		100	400



Water pump pliers

with box joint



Art.		L1 mm	L2 mm
2221-180		35	180
2221-250		50	250
2221-300		65	300



Box joint water pump pliers ERGOKRAFT

Half-round jaws additionally induction-hardened

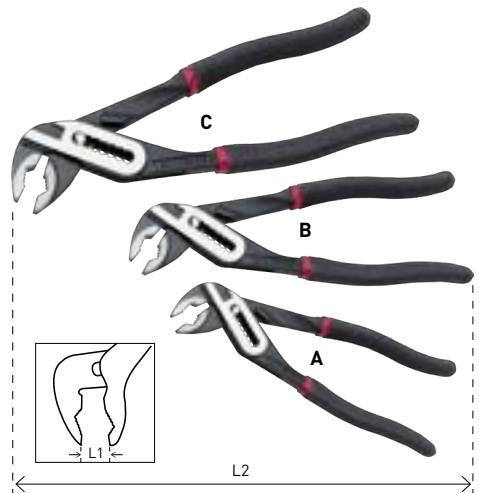
Chrome vanadium steel

Forged

Specially heat-treated

ERGOKRAFT

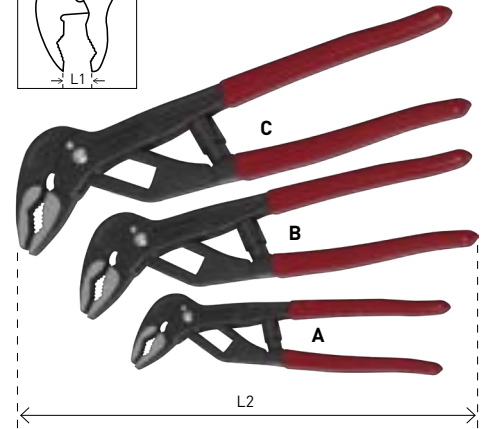
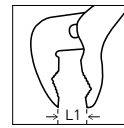
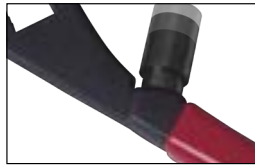
Art.		L1 mm	L2 mm
99067	Set, 3 pcs.	25 + 32 + 42	180 + 250 + 300
3290-175	A	25	180
3290-250	B	32	250
3290-300	C	42	300



5.8. PLIERS

Automatic water pump pliers set, 3 pcs.

with practical automatic adjustment for one-hand operation, optimal for narrow spaces. Isolated soft-grip handles.

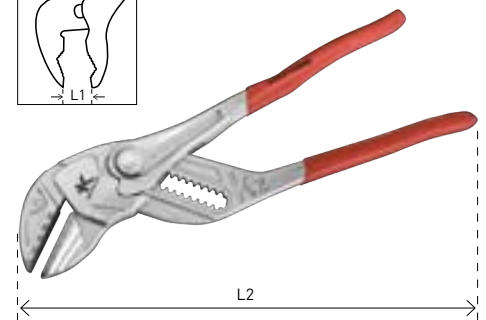
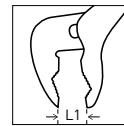


Art.		L1 mm	L2 mm	L2 inch
3266SET	A	32	180	7"
	B	40	250	10"
	C	50	300	12"

HIGHTECH

Pliers wrench HIGHTECH

with inverted security box joint, direct adjusting push-button and swivelling, parallel gripping jaws.



Art.		L1 mm	L2 mm
308.422.250		50	250

Stillson pattern pipe wrench

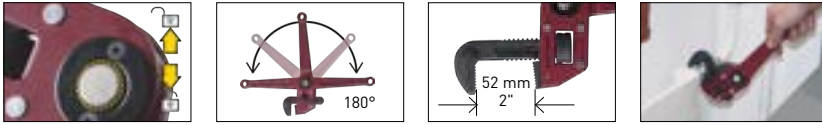
CrMo **ALU**

Art.		L1 mm
5405-250		250
5405-350		350
5405-450		450
5405-600		600
5405-900		900

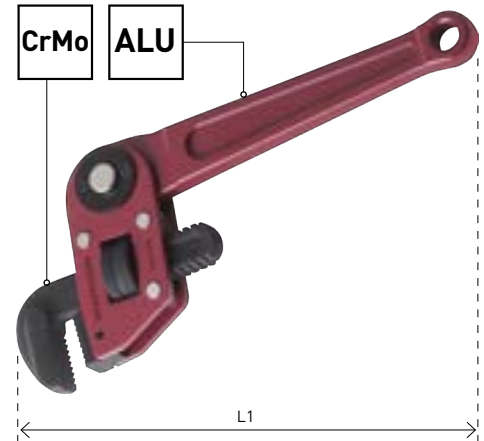


Pipe wrench with adjustable head

"Stillson"-type, with aluminium die cast body and 180° swivel aluminium handle, jaws made of chrome-molybdenum steel, infinitely adjustable with the knurling nut, maximum jaw-opening 2" / 52 mm.



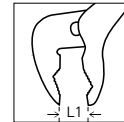
Art.	L1 mm	L2 mm
5405-290	52	250



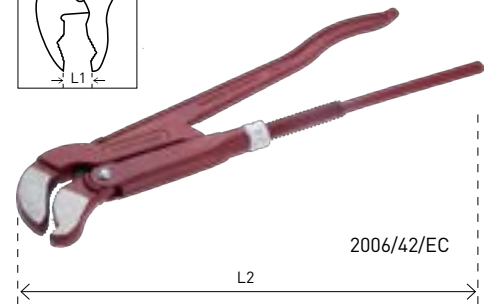
HIGHTECH

Swedish pattern pipe wrench

head 45°, angled S-type jaw



Art.	L1 inch	L2 mm
5406-320	1"	320
5406-420	1-1/2"	420
5406-540	2"	540



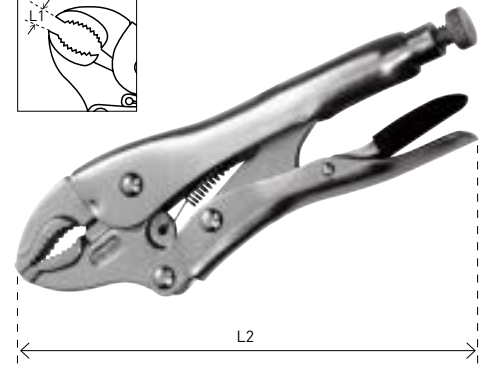
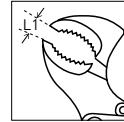
Strap wrench

Art.	Ø mm	L mm
5418-300	0 - 225 mm / 9"	300



5.8. PLIERS

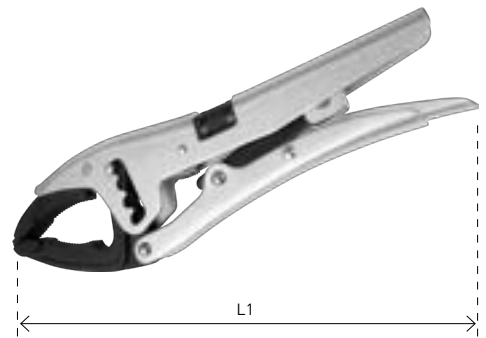
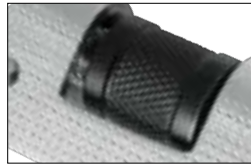
CrMo



Grip pliers with half-round jaws

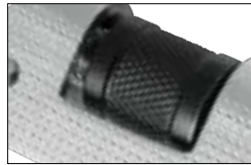
Art.	L1 mm	L2 max. mm / inch
3292-175	43	175
3292-250	58	250

Grip pliers with flat arch



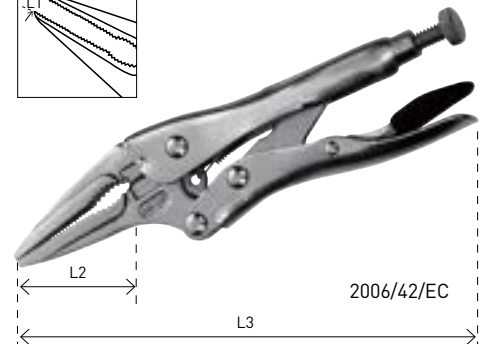
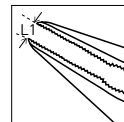
Art.	L1 mm
3292-252	250

Grip pliers with large arc



Art.	L1 mm
3292-270	270

CrMo

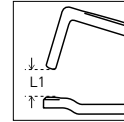


Long nose locking grip pliers

Chrome-molybdenum coated

Art.	L1 mm	L2 mm	L3 max. mm
3292-150	50	45	150

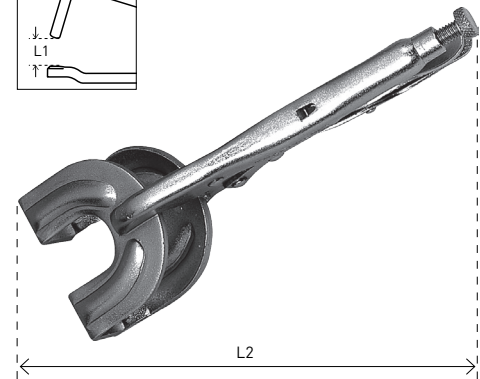
CrMo



Welder grip pliers

U-shaped gripper jaws, for visibility during the welding process
 The upper gripper jaw is angled at 90°
 The clamping width and clamping pressure can be adjusted using the adjusting screw
 The pliers also have a practical quick-release lever
 Application: For clamping and holding profile and flat material during welding work.

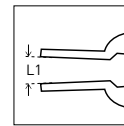
Art.	L1 mm	L2 max. mm
2252-225	41	225



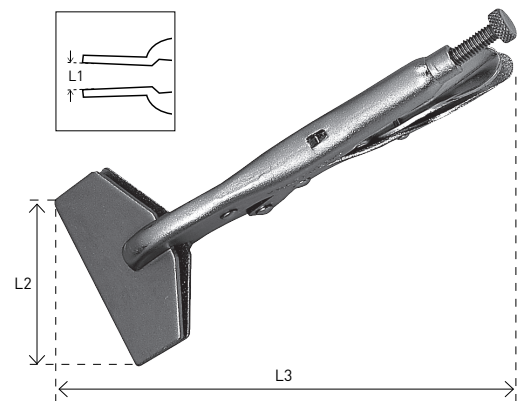
Sheet metal clamp

The pliers have a quick-release lever and a locking device with spring mechanism
 Adjustment to the respective workpiece thickness is made possible by the turning screw
 Application: For holding, bending, handling and straightening sheet metal.

CrMo



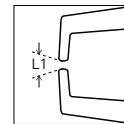
Art.	L1 mm	L2 mm	L3 max. mm
2253-200	48	79	200



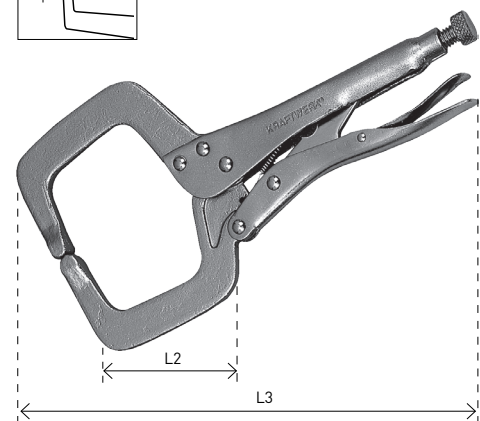
Locking "C"- clamp pliers

The C-shape with movable clamping jaws is used to hold/clamp uneven material surfaces (e.g. angle and T-profiles).
 Application: These pliers are used for body repairs, precision work or work on unevenly shaped workpieces and welding work.

CrMo



Art.	L1 mm	L2 mm	L3 max. mm
2254-275	95	95	275

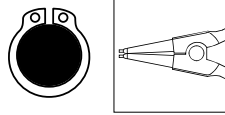


5.8. PLIERS

HIGHTECH

Circlips pliers

for external rings, opening straight tips, with spring



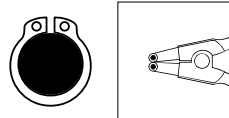
Art.	Typ / mm	Ø mm	L mm
4252-A0	A0 / 3-10	0.9	135
4252-A1	A1 / 10-25	1.3	135
4252-A2	A2 / 19-60	1.8	175
4252-A3	A3 / 40-100	2.3	220
4252-A4	A4 / 85-165	3.2	310



HIGHTECH

Circlips pliers

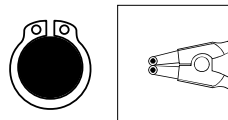
for external rings, opening 90° bent tips, with spring



Art.	Typ / mm	Ø mm	L mm
4253-A01	A01 / 3-10	0.9	125
4253-A11	A11 / 10-25	1.3	125
4253-A21	A21 / 19-60	1.8	165
4253-A31	A31 / 40-100	2.3	200
4253-A41	A41 / 85-165	3.2	290

**Circlips pliers**

for external rings, opening 90° bent tips, with spring



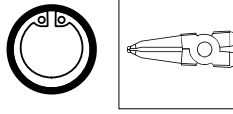
Art.	Typ / mm	Ø mm	L mm
2213-A21	A21 / 19-60	1.8	165



HIGHTECH

Circlips pliers

for internal rings, closing straight tips

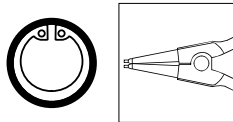


Art.	Typ / mm	Ø mm	L mm
4254-J0	J0 / 8-13	0.9	135
4254-J1	J1 / 12-25	1.3	135
4254-J2	J2 / 19-60	1.8	175
4254-J3	J3 / 40-100	2.3	220
4254-J4	J4 / 85-165	3.2	310



Circlips pliers

for internal rings, closing straight tips



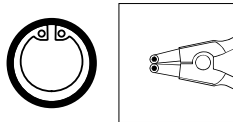
Art.	Typ / mm	Ø mm	L mm
2214-J2	J2 / 19-60	1.8	180



HIGHTECH

Circlips pliers

for internal rings, closing 90° bent tips

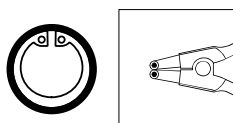


Art.	Typ / mm	Ø mm	L mm
4255-J01	J01 / 8-13	0.9	125
4255-J11	J11 / 12-25	1.3	125
4255-J21	J21 / 19-60	1.8	165
4255-J31	J31 / 40-100	2.3	200
4255-J41	J41 / 85-165	3.2	290



Circlips pliers

for internal rings, closing 90° bent tips



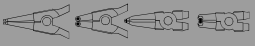
Art.	Typ / mm	Ø mm	L mm
2215-J21	J21 / 19-60	1.8	165

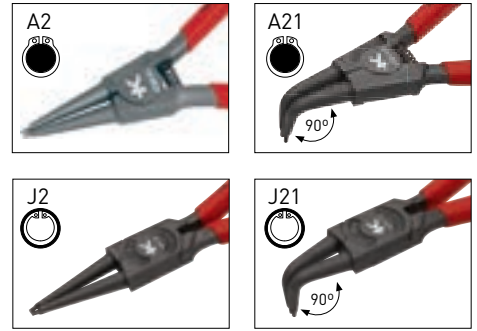


5.8. PLIERS

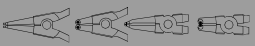
Circlips pliers set, 4 pcs.

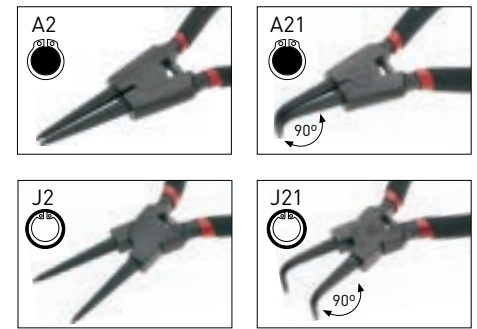
HIGHTECH

Art.	
4286	4252-A2, 4253-A21, 4254-J2, 4255-J21



Circlip pliers set, 4 pcs.



Art.	
2212	2212-A2, 2213-A21, 2214-J2, 2215-J21



Combined 4-in-1 circlips pliers

for external and internal circlips from 10 to 50 mm, with 4 tip-heads for 180°, 90°, 45° to be changed within seconds, for 6 different applications.



Art.	 Typ / mm	∅ mm		L mm
2211	A1-A2, J1-J2 / 10-50	1.35		155



Hose clip pliers

For opening and closing Cobra hose clamps
Reusable V2 A clamp
With insulated handle
With self-opening mechanism

HIGHTECH

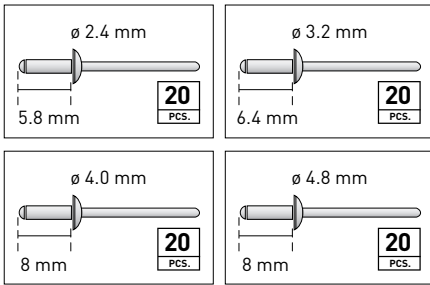


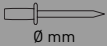

Art.		L mm
4251-175		175



Hand riveter set

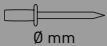
Made of die-cast aluminum
Opening spring for mandrel ejection
Slim design



Art.	 Ø mm	 pcs.
2224	2.4-3.2-4.0-4.8	20



Hand riveter

Art.	 Ø mm	L mm
2223	2.4-3.2-4.0-4.8	250



Nozzle for hand riveter 2223

Art.	Ø mm
2223-2.4	2.4
2223-3.2	3.2
2223-4.0	4.0



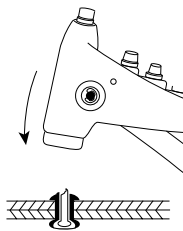
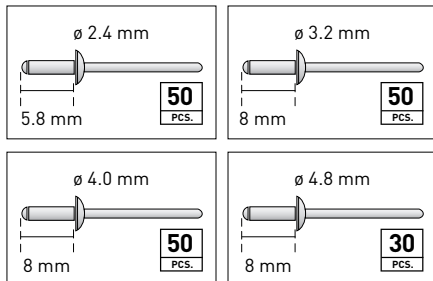
Pair of jaws for 2223

Art.
2223-01



5.8. PLIERS

Industrial hand riveter tool case



HIGHTECH

Art.	
4261	2.4-3.2-4.0-4.8 Ø mm



2006/42/EC

Nozzle for hand riveter 4261

Art.	Ø mm
4261-1	2.4
4261-2	3.2
4261-3	4.0
4261-4	4.8

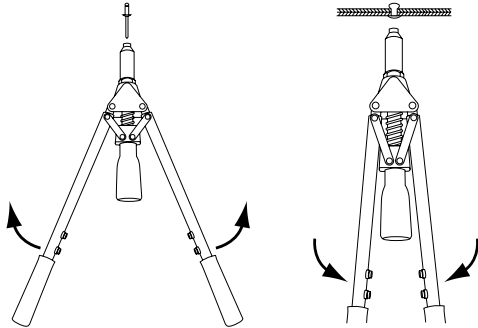


Pair of jaws for 4261

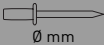
Art.	
4261-5	



Industrial lever type hand riveter tool case



HIGHTECH

Art.	 Ø mm
4262	3.2-4.0-4.8-6.0-6.4



2006/42/EC

Nozzle for hand riveter 4262

Art.	Ø mm
4262-1	3.2
4262-2	4.0
4262-3	4.8
4262-4	6.0
4262-5	6.4



Jaws for 4262, 3 pcs.

Art.	
4262-7	



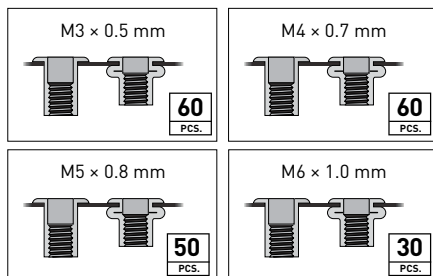
Nozzle Monobolt for hand riveter 4262

Art.	Ø mm
4262-8	4.8 / 5 MB
4262-9	6.4 MB



Industrial hand rivet nut tool kit

with blind rivet nuts

**HIGHTECH**

Art.	
4263	M3-M4-M5-M6

ALU

Steel

INOX

Rivet nut nozzle for 4263

Art.	
4263-1	M3
4263-2	M4
4263-3	M5
4263-4	M6



5

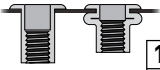
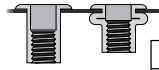
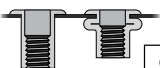
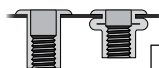
Thread bolt for 4263

Art.	∅
4263-5	M3
4263-6	M4
4263-7	M5
4263-8	M6



Industrial lever hand rivet nut tool kit




<p>M5 x 0.8 mm</p>  <p>14 PCS.</p>	<p>M6 x 1.0 mm</p>  <p>9 PCS.</p>
<p>M8 x 1.25 mm</p>  <p>6 PCS.</p>	<p>M10 x 1.5 mm</p>  <p>6 PCS.</p>

HIGHTECH

Art.	
4264	M5-M6-M8-M10



Threaded mandrel and nose piece for 4264

Art.	
4264-1	M4
4264-2	M5
4264-3	M6
4264-4	M8
4264-5	M10



Revolving punch pliers HIGHTECH

HIGHTECH

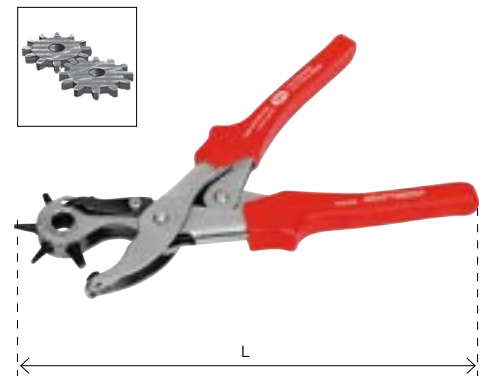
Art.		∅ mm	L mm
4248-220		2 - 4.5	220



Lever action revolving punch pliers HIGHTECH

HIGHTECH

Art.		∅ mm	L mm
4248-250		2 - 4.5	250



Revolving punch eyelet pliers HIGHTECH

HIGHTECH

Art.		∅ mm	L mm
4249-220		4 - 5	220



Twin quick change ratchet crimper, 12 pcs.


with interchangeable jaws Including crimping jaws for insulated terminals and closed, non insulated terminals and non insulated ferrules.

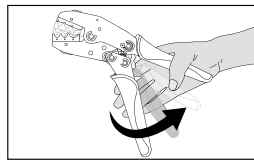
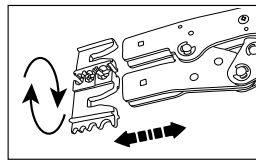
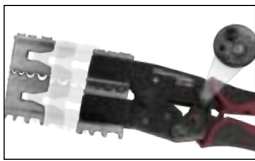


Art. 3254-01
DIN 0.5-1.0 / 1.5-2.5 / 4-6 mm²
AWG 22-18 / 16-14 / 12-10



Art. 3254-02
DIN 1.5 / 2.5 / 6 / 10 mm²
AWG 20-18 / 16-14 / 12-10 / 8
JIS 1.25 / 2 / 5.5 / 8 mm²



Art.	incl. 	L mm
3254	1 x 3254-01 / 1 x 3254-02	220

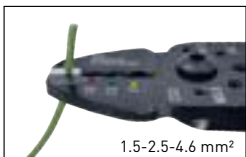
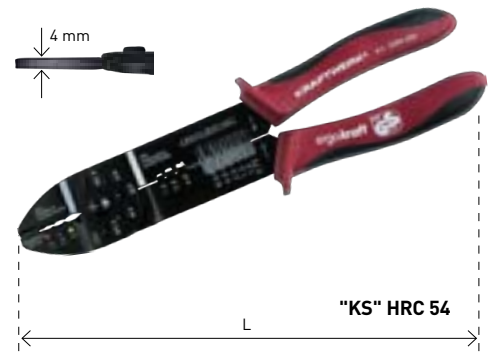


5-in-1 crimping and wire stripping pliers ERGOKRAFT

For solderless electrical connections according to DIN
For stripping and cutting wires
Crimping jaws for crimping insulated, non-insulated terminals or flat receptacles

ERGOKRAFT

Art.	 mm ²	 mm ²	L mm
3290-230	1.5 - 6	1.5 - 6	230



Wire cutter



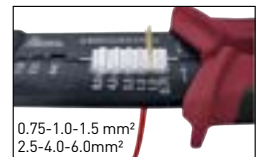
Crimping pliers for insulated terminals



Bolt cutter





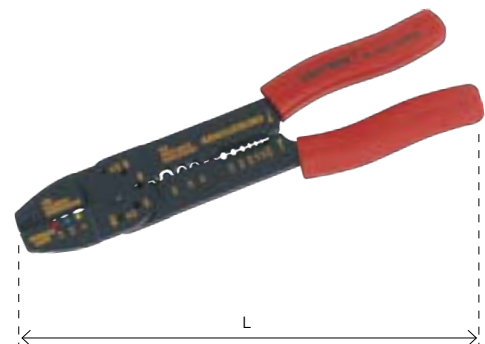
Crimping pliers for open barrel terminal



Wire stripper for cables



Crimping pliers

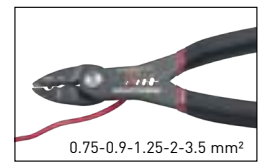
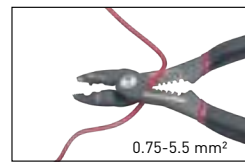
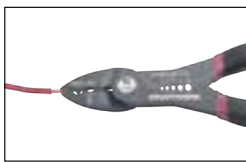
Art.	 mm ²	 mm ²	L mm
2225	1.5 - 6	1.5 - 6	240



5.8. PLIERS

Mini combination crimping pliers

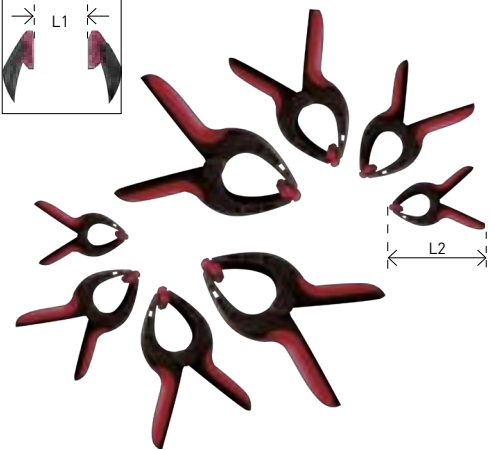
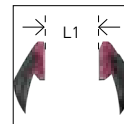
Art.	 mm ²	 mm ²	L mm
3253	1.5 - 6	1.5 - 6	180



Plastic spring clamp set, 8 pcs.

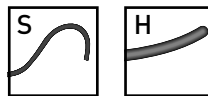
Art.	L1 mm	L2 mm	L2 inch	 PCS.
2256	35	75	3	2
	40	100	4	2
	70	150	6	2
	85	225	9	2

NYLON



Mini cable cutter

Art.	H Ø mm	S Ø mm	L mm
2262-07	2.5	7	190



Bolt cutter HIGHTECH

with specially ground precision cutting edges made of chrome-molybdenum steel and ergonomic 2-component handles.



CrMo

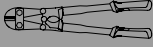
HIGHTECH

Art.	15 HRC mm	35 HRC mm	L mm
4260-18	8	6	450
4260-24	10	8	600
4260-30	13	10	750



Spare-head-set for bolt cutter

HIGHTECH

Art.		L mm
4260-18E	4260-18	450
4260-24E	4260-24	600
4260-30E	4260-30	750



German engineer hammer

German pattern

Black finished forged hammer head

Induction hardened

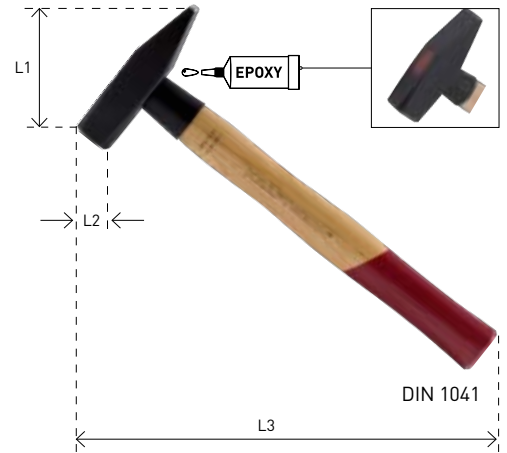
With polished faces

With steel wedge and epoxy-safety-bonding

American hickory hard wood handle



Art.	Δ g	L1 mm	L2 mm	L3 mm
2301	100	82	24	262
2302	200	95	24	282
2303	300	105	30	302
2304	400	112	24	312
2305	500	118	30	322
2308	800	343	40	130
2310	1000	363	40	135
2315	1500	382	40	145

**German engineer hammer with 2-component fiberglass handle**

German pattern

Black finished forged hammer head

Induction hardened

With polished faces

With steel wedge and epoxy-safety-bonding



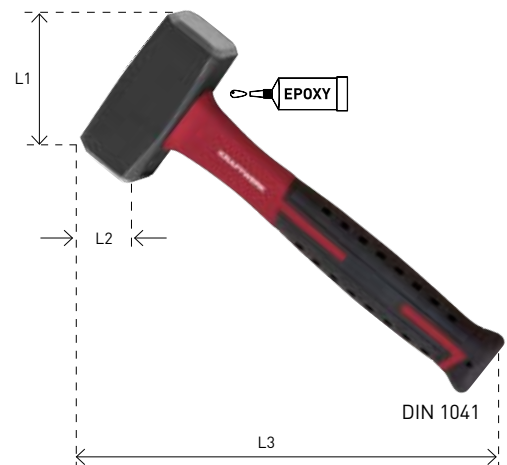
Art.	Δ g	L1 mm	L2 mm	L3 mm
2385	300	140	50	380
2387	500	140	50	380

**Security stoning hammer**

Black painted head, with polished faces, handle protection sleeve, shockproof 2-component fiberglass handle. Safely connected head and handle with steel wedge and epoxy-safety-bonding.



Art.	Δ g	L1 mm	L2 mm	L3 mm
2390	1000	140	50	380
2392	1250	140	50	380
2395	1500	130	70	290



French type engineer's hammer

black painted head, with polished faces, handle protection sleeve, shockproof 2-component fiberglass handle. Safely connected head and handle with steel wedge and epoxy-safety-bonding.



Art.	ΔTΔ g	L1 mm	L2 mm	L3 mm
2376	400	100	30	300
2378	630	100	30	360
2380	860	100	30	400
2381	1000	100	30	420
2383	1600	138	50	370

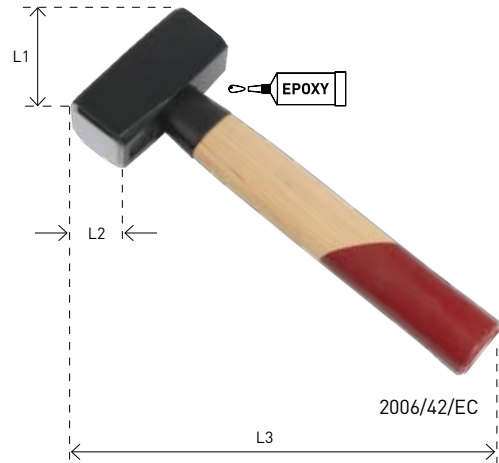


Security stoning hammer

black painted head, with polished faces, steel handle protection sleeve, smooth lacquered American hickory hard wood handle. Safely connected head and handle with steel wedge and epoxy-safety-bonding.



Art.	ΔTΔ g	L1 mm	L2 mm	L3 mm
2339	800	260	95	400
2340	1000	260	40	100
2342	1250	260	40	110
2345	1500	280	40	110

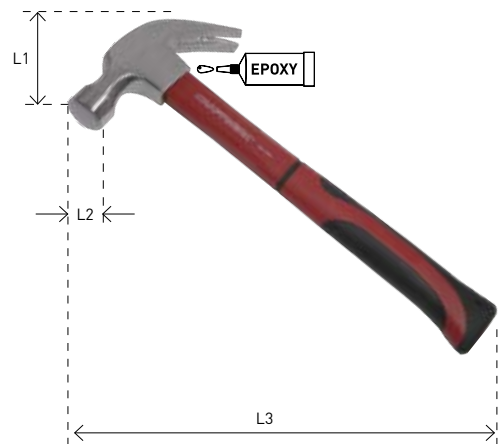


Claw hammer according to U.S. standard

with bright polished head and two-component handle. Durable, firm handle fit thanks to steel wedge and additional epoxy-safety-bonding.



Art.	ΔTΔ g	L1 mm	L2 mm	L3 mm
2368	450	132	29	320



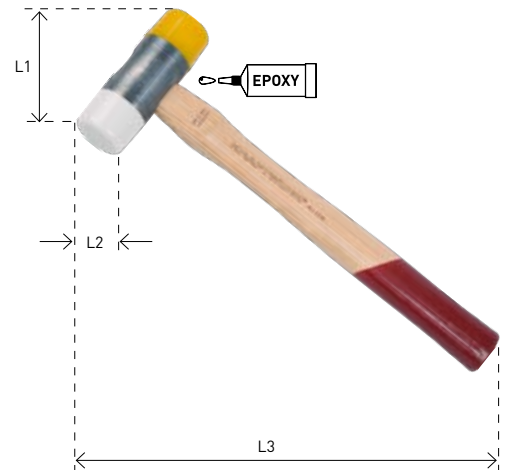
5.9. IMPACT TOOLS

Soft-faced hammer with interchangeable heads

in nylon and polyurethane, smooth laquered American hickory hard wood handle. Safely connected head and handle with steel wedge and epoxy-safety-bonding.



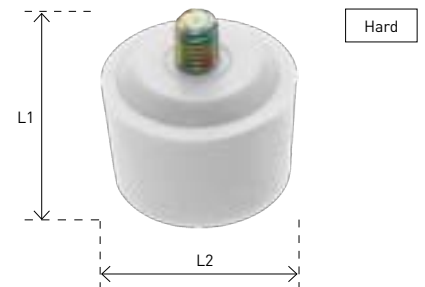
Art.	Δ g	L1 mm	L2 mm	L3 mm
2336	360	96	35	308

**Replacement nylon hammer head**

for soft-faced hammer 2336



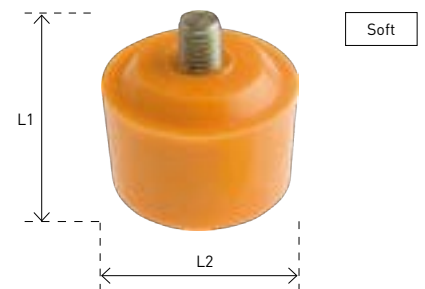
Art.	Δ g	L1 mm	L2 mm
2336NY	0.034	35	35

**Replacement polyurethane hammer head**

for soft-faced hammer 2336



Art.	Δ g	L1 mm	L2 mm
2336PU	0.031	35	35

**Carpenter's roofing hammer**

Black painted head, with magnetic nailholder, handle protection sleeve, shockproof two-component fiberglass handle and safely connected head to handle with steel wedge and epoxy-safety-bonding.

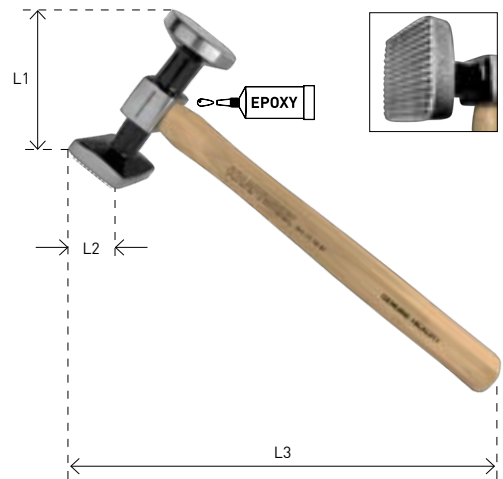


Art.	Δ g	L1 mm
2320	600	325



Planishing and finishing hammer

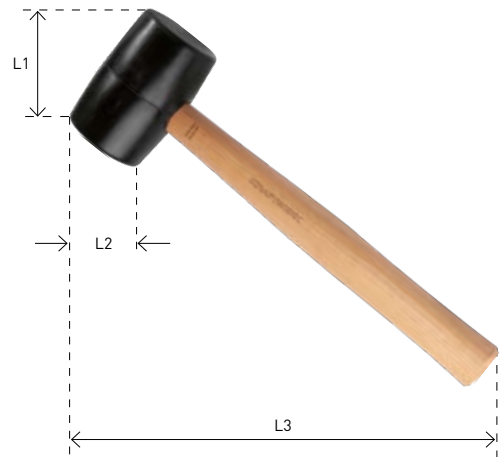
For sheet metal working and car body repairs, coated steel head with hickory wood handle



Art.	ΔTΔ g	L1 mm	L2 mm	L3 mm
310.160.821	700	115	54	310

Rubber mallet hickory handle

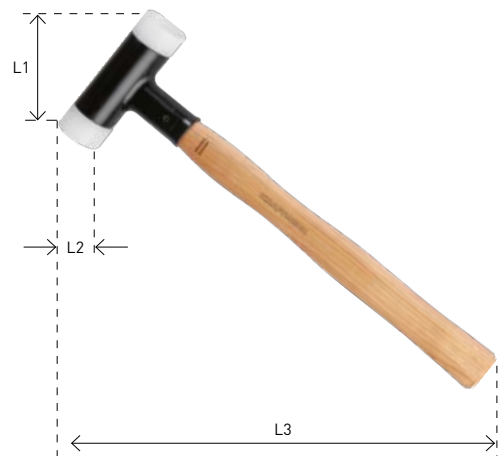
Appropriate for damageable spots and for gentle hammering
Smooth lacquered American hickory hard wood handle
Flat hammer face
Cylinder shape



Art.	ΔTΔ g	L1 mm	L2 mm	L3 mm
310.100.008	226	50	44	300
310.100.016	453	50	50	300

Recoil free soft faced hammer with nylon head

Cancelling the recoil by using metal balls inside the steel middle piece
Smooth lacquered American hickory hard wood handle
Steel middle piece fixed by a pin and wedged on the wood handle
Flat hammer face



Art.	ΔTΔ g	L1 mm	L2 mm	L3 mm
310.120.035	360	50	35	300
310.120.040	480	50	40	200

Recoil free soft faced hammer

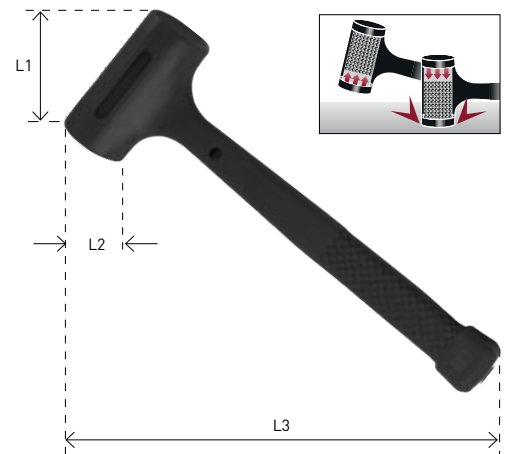
Steel hammer body

Fully covered with rubber

Cancelling the recoil by using metal balls inside the hammerhead

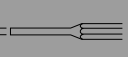
Flat hammer face

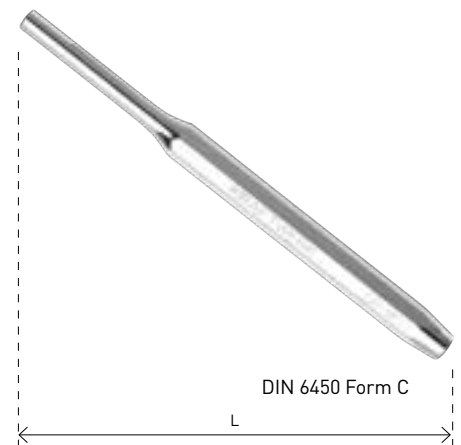
Art.	Δ g	L1 mm	L2 mm	L3 mm
310.150.001	453	50	44	200
310.150.002	906	50	53	200

**Pin punch**

mirror polished

CrMo

Art.	\emptyset mm		L mm
3350-2	2		115
3350-3	3		125
3350-4	4		150
3350-5	5		165
3350-6	6		180
3350-8	8		180

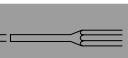


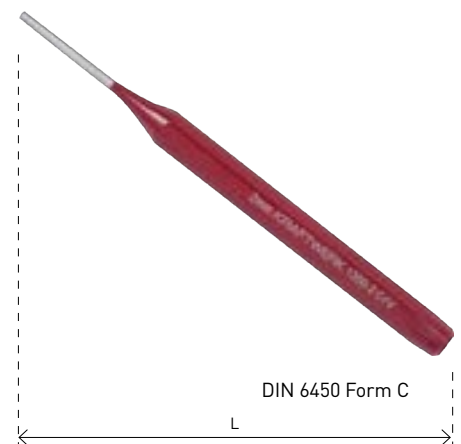
5

Pin punch

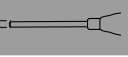
stove-enamelled

CrV

Art.	\emptyset mm		L mm
1350-2	2		130
1350-3	3		130
1350-4	4		160
1350-5	5		170
1350-6	6		185
1350-8	8		185




Pin punch
with AirGrip handle

Art.	∅ mm		L mm
3360-3	3		160
3360-4	4		185
3360-5	5		200
3360-6	6		210
3360-8	8		225
3360-10	10		225



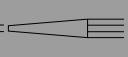
Pin punch
with AirGrip handle

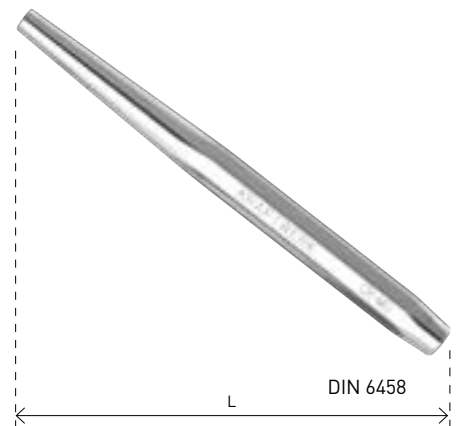
Art.	∅ mm		L mm
3361-06	6		260
3361-08	8		300
3361-10	10		300
3361-12	12		300
3361-14	14		300
3361-16	16		300



Taper punch
mirror polished

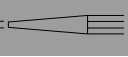
CrMo

Art.	∅ mm		L mm
3355-2	2		120
3355-3	3		120
3355-4	4		120
3355-5	5		120
3355-6	6		120



Taper punch
stove-enamelled

CrV


Art.	∅ mm		L mm
1355-2	2		120
1355-3	3		130
1355-4	4		120
1355-5	5		120
1355-6	6		120

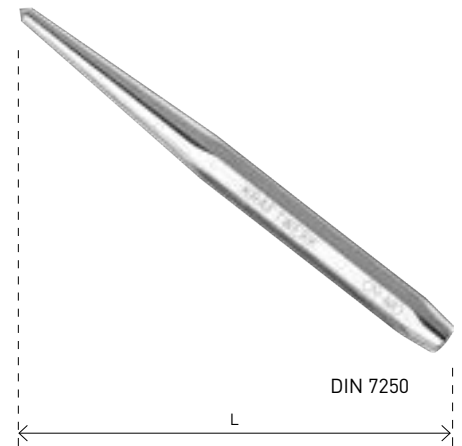


Centre punch

mirror polished

CrMo


Art.	∅ mm		L mm
3358-1	3		100
3358-2	4		120

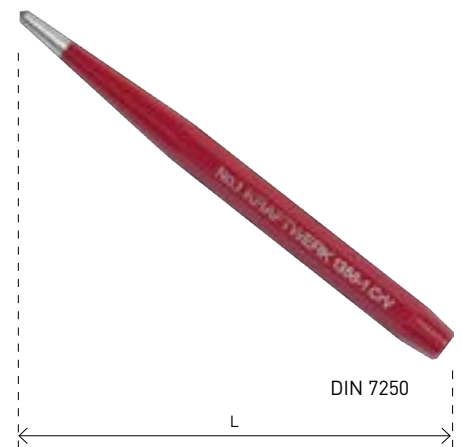


Centre punch

stove-enamelled

CrV



Art.	∅ mm		L mm
1358-1	1		100
1358-2	1		130



Automatic centre punch

Ergonomic handle
Tip: ∅ 6 mm
Chrome vanadium steel

CrV

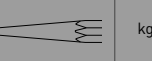

Art.	∅ mm		kg 	L mm
310.359.016	6		8 - 16	125
310.359.036	6		10 - 36	150



Automatic centre punch

Ergonomic handle
Tip: ∅ 4 mm
Chrome vanadium steel

CrV

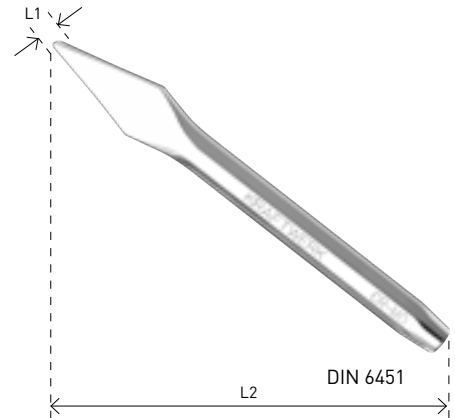
Art.	∅ mm		kg 	L mm
3359	4		8 - 16	132



Cape chisel
mirror polished

CrMo

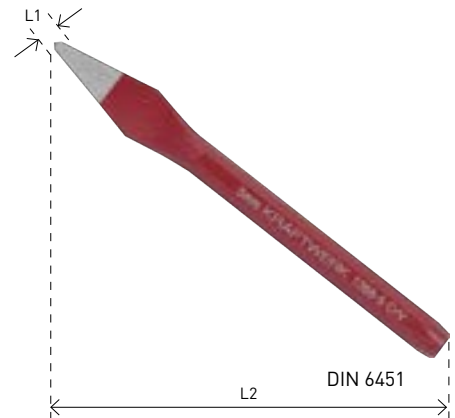
Art.	L1 mm	L2 mm
3368-5	5	130
3368-7	7	165



Cape chisel, eight point
stove-enamelled

CrV

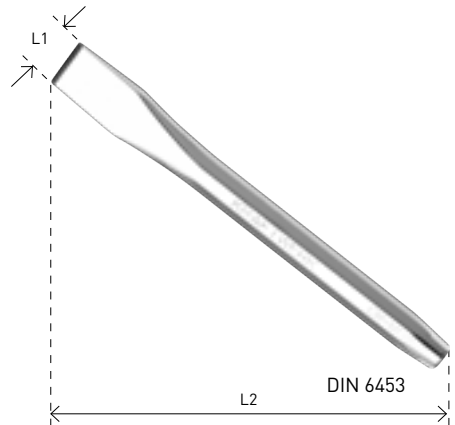
Art.	L1 mm	L2 mm
1368-5	5	130
1368-7	7	165



Cold chisel, eight point
mirror polished

CrMo

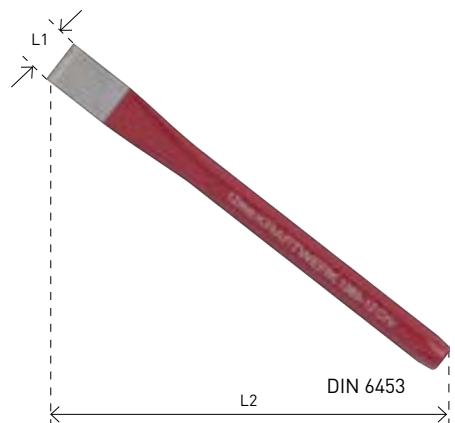
Art.	L1 mm	L2 mm
3365-12	12	130
3365-18	18	165



Cold chisel, eight point
stove-enamelled

CrV

Art.	L1 mm	L2 mm
1365-12	12	130
1365-18	18	165

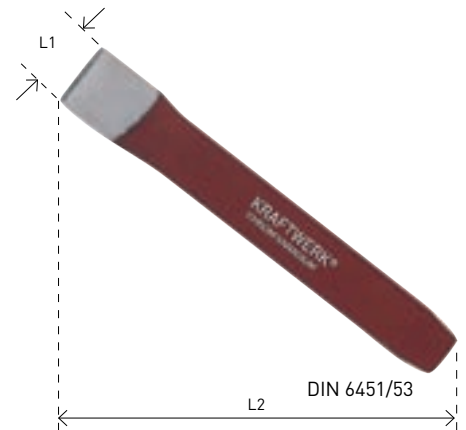


5.9. IMPACT TOOLS







Cold chisel
stove-enamelled

CrV

Art.	L1 mm	L2 mm
3380-18	18	125
3380-22	22	155



Pin punch set, 6 pcs.
mirror polished, with tool-holder


-  Art. 3350-2 2 mm
-  Art. 3350-3 3 mm
-  Art. 3350-4 4 mm
-  Art. 3350-5 5 mm
-  Art. 3350-6 6 mm
-  Art. 3350-8 8 mm

CrMo

Art.	∅ mm	L mm
3350	2 - 3 - 4 - 5 - 6 - 8	180



Taper punch set, 5 pcs.
mirror polished, with tool-holder





-  Art. 3355-2 2 mm
-  Art. 3355-3 3 mm
-  Art. 3355-4 4 mm
-  Art. 3355-5 5 mm
-  Art. 3355-6 6 mm

CrMo

Art.	∅ mm	L mm
3355	2 - 3 - 4 - 5 - 6	120



Pin-, taper punch and chisel set, 5 pcs.
mirror polished, with tool-holder

-  Art. 3350-4 4 mm
-  Art. 3355-3 3 mm
-  Art. 3358-2 4 mm
-  Art. 3365-12 12 mm
-  Art. 3368-5 5 mm






CrMo

Art.	L mm
3370	150



Pin-, taper punch and chisel set, 17 pcs.

mirror polished, with metal tool-holder

	Art. 3350-2	2 mm		Art. 3355-2	2 mm
	Art. 3350-3	3 mm		Art. 3355-3	3 mm
	Art. 3350-4	4 mm		Art. 3355-4	4 mm
	Art. 3350-5	5 mm		Art. 3355-5	5 mm
	Art. 3350-6	6 mm		Art. 3355-6	6 mm
	Art. 3350-8	8 mm			
	Art. 3358-1	3 mm		Art. 3365-12	12 mm
	Art. 3358-2	4 mm		Art. 3365-18	18 mm
				Art. 3368-5	5 mm
				Art. 3368-7	7 mm






CrMo



Art.	
3374	

Deluxe punch + chisel set, 17 pcs.

Chrome-vanadium coated
In premium tool bag

	Art. 1350-2	2 mm		Art. 1355-2	2 mm
	Art. 1350-3	3 mm		Art. 1355-3	3 mm
	Art. 1350-4	4 mm		Art. 1355-4	4 mm
	Art. 1350-5	5 mm		Art. 1355-5	5 mm
	Art. 1350-6	6 mm		Art. 1355-6	6 mm
	Art. 1350-8	8 mm			
	Art. 1358-1	1 mm		Art. 1365-12	12 mm
	Art. 1358-2	2 mm		Art. 1365-18	18 mm
				Art. 1368-5	5 mm
				Art. 1368-7	7 mm

CrV




Art.	
1374	

Pin punch set with AirGrip handle, 5 pcs.

Metal display can also be mounted on the wall

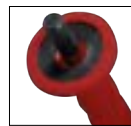



	5	3x160 - 8x185 - 5x200 - 6x210 - 8x225 mm
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Art.	
3360	

Pin punch set with AirGrip handle, 5 pcs.

Metal display can also be mounted on the wall



	5	6x260 - 8x300 - 10x300 - 12x300 - 14x300 mm
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Art.	
310.361.614	

5.9. IMPACT TOOLS

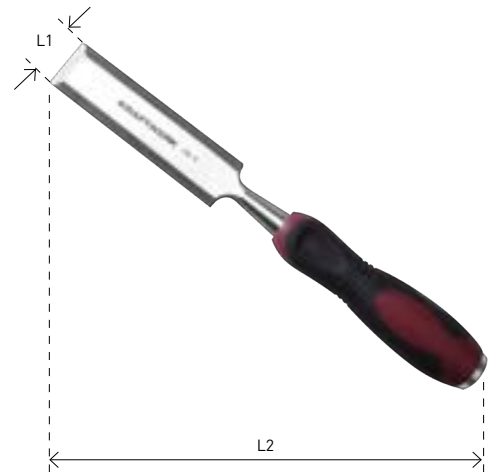


Wood chisels with strike cap

Ergonomic handle
Blade made of chrome vanadium steel and with chamfered edges

CrV

Art.	L1 mm	L2 mm
309.050.004	4	283
309.050.006	6	283
309.050.008	8	283
309.050.010	10	283
309.050.012	12	288
309.050.014	14	288
309.050.025	25	298
309.050.028	28	310
309.050.030	30	310
309.050.032	32	310
309.050.038	38	313



5

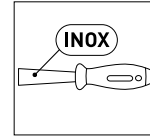
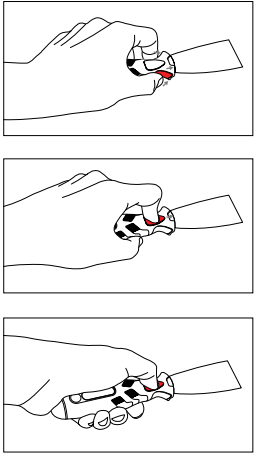
**Set of wood chisels with strike cap,
4 pcs.**

in canvas pouch

CrV

Art.	L1 mm
309.050.104	6 - 12 - 19 - 25



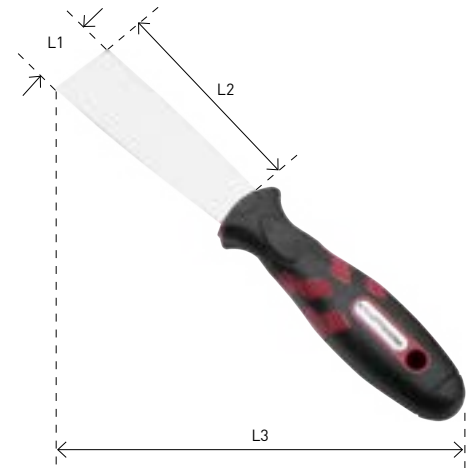


Spatula, flexible

Flexible blade made of stainless steel, hardened and mirror polished
Bi-material soft grip handle with anti-slip grip



Art.	L1 mm	L2 mm	L3 mm
3331-032	32	105	240
3331-063	63	105	245
3331-075	75	105	245
3331-100	100	105	245



Striking scraper and chisel

Solid blade made of stainless steel, hardened and mirror polished.
Bi-material soft grip handle with non-slip grip indentations and stainless steel striking cap

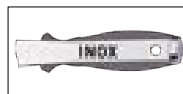


Art.	L1 mm	L2 mm	L3 mm
3332-032	32	105	240
3332-075	75	105	245



Striking scraper/chisel set, 3 pcs.

Solid blades made of stainless steel, hardened and mirror polished.
Bi-material soft grip handles with non-slip grip indentations and stainless steel striking cap



Art.	L1 mm
3336	32/15° - 32 - 75



ERGOKRAFT

Retractable quick change utility knife

Metal casement
2 component handle
3 stage adjustable blade
Integrated cord cutter & blade magazine
5 spare blades in handle.



Art.	L mm
3301	180



ERGOKRAFT

Jackknife with trapezoid blade

Ergonomic, non slip 2-component handle
Safety quick-release mechanism for the blade
Quick locking system of the blade holder
10 replacement blades 19 mm

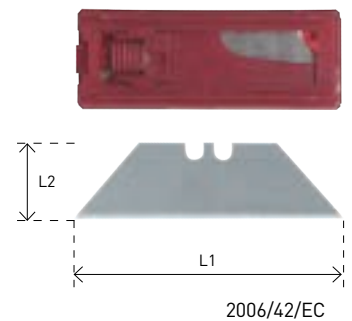


Art.	L mm
3304	155

**Trapezoid blade set, 5 pcs.**

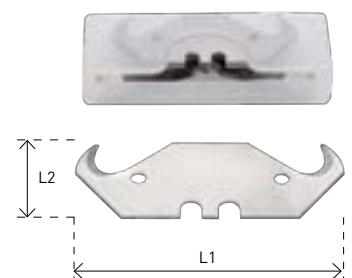
for cutters 3301 and 3304
Dispenser with 5 pieces

Art.	L1 mm	L2 mm
3303	65	19

**Hook blade set, 5 pcs.**

for cutters 3301 and 3304
Dispenser with 5 pieces

Art.	L1 mm	L2 mm
3303H	50	19

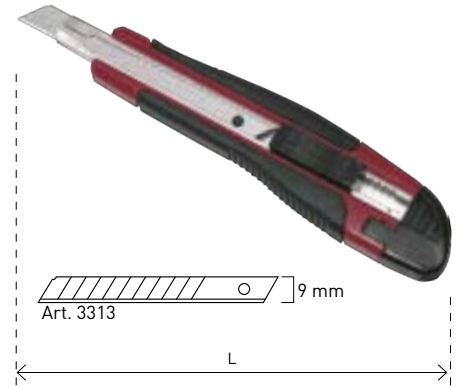


Snap-off cutter

Ergonomic ABS-handle with soft grip. Stainless steel blade guide, automatic blade locking system. Including 3 snap-off blades.

ERGOKRAFT

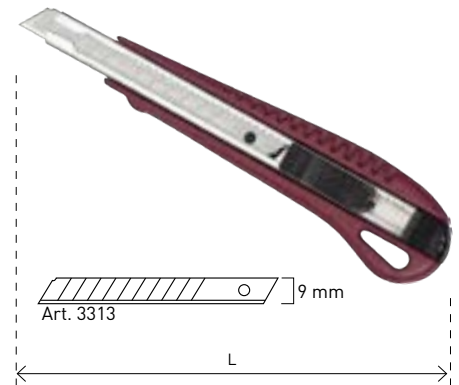
Art.	L mm
3310	135



Snap-off cutter

with solid metal body. Stainless steel blade guide, automatic blade locking system.

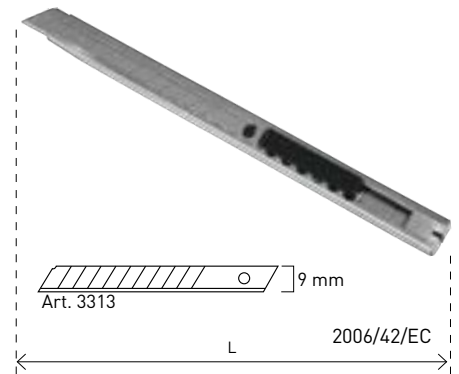
Art.	L mm
3317	130



Stainless steel snap-off cutter

with slim body, safety-lock and metal clip

Art.	L mm
3311	129



Spare snap-off-blades

with 12 segments per blade
10 pieces in solid plastic case

Art.	L1 mm	L2 mm
3313	85	9



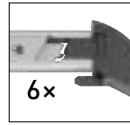
5.10. CUTTING / FILING / DRILLING TOOLS

ERGOKRAFT

Snap-off cutter

Ergonomic ABS-handle with soft grip. Stainless steel blade guide, automatic snap off blade reloading and blade locking system.

Including 6 spare snap-off blades.

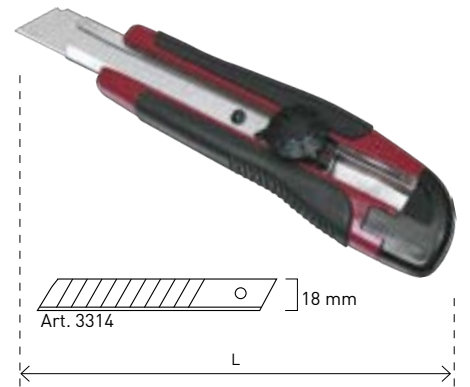


Art.	L mm
3312	165

Snap-off cutter

Ergonomic ABS-handle with soft grip. Stainless steel blade guide, wheel blade lock. Including 3 snap-off blades.

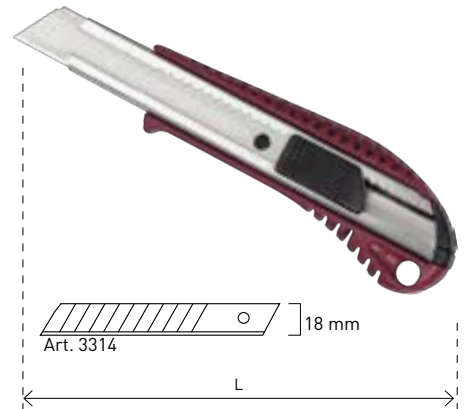
ERGOKRAFT



Art.	L mm
3315	167

Snap-off cutter

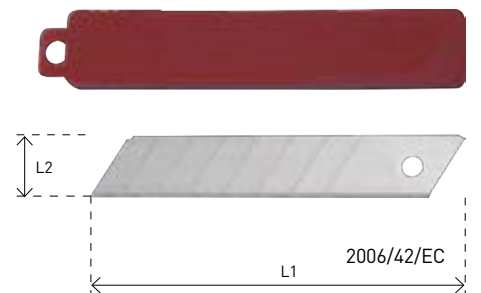
with solid metal body. Stainless steel blade guide, automatic blade locking system.



Art.	L mm
3318	155

Spare snap-off-blades

with 7 segments per blade
10 pieces in solid plastic case

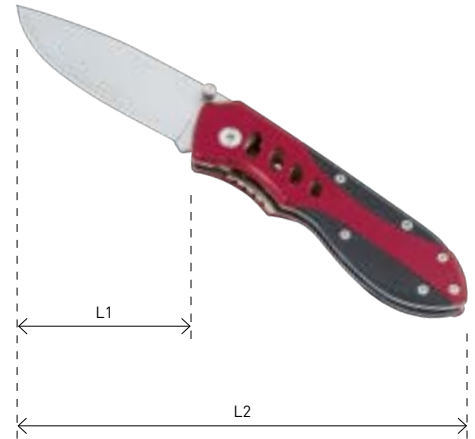


Art.	L1 mm	L2 mm
3314	109	18

Snap-off cutter

with solid metal body.
Stainless steel blade guide, automatic blade locking system.

Art.	L1 mm	L2 mm
3323	76	188



Electrician cutter with safety lock

with double blade



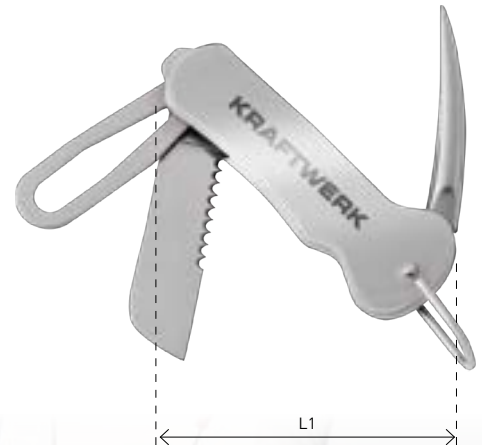
Art.	L1 mm
3325	190



Nautic multi-function tool

Blade with partial serrated edge
Marlinspike
Shackle opener

Art.	L1 mm
3324	94



Dismantling tool

especially suitable for larger cross-sections and for difficult insulating materials



Art.	Ø mm ²	L mm
2230	8 - 28	142

**PVC pipe cutter**

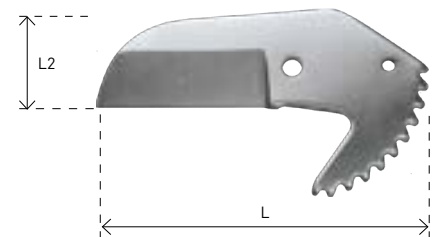
Art.	Ø mm ²	L mm
5441	0 - 42	190

PP / PE / PEX / PB / PVDF

**Spare blade**

for art. 5441

Art.	L1 mm	L2 mm
5441E	105	30

**General tube cutter**

for copper, brass, aluminium and thin walled steel pipes.
Foldable internal deburrer

Art.	Ø mm / Cu / Al / Me	L mm
5432	3 - 32	150

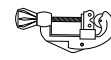


Cutting wheels, 6 pcs.

for tube cutter 5432

For copper, brass, aluminum and thin-walled steel pipes

Art.	Mat.	∅ mm	L mm
5440-1	Cu / Al / Me	18	2.9



Art. 5432

Mini tubing cutter copper

Art.	∅ mm / Cu / Al / Me	L mm
5433	3 - 30	100

Cu/Al/Me
Art. 5440-2



Cutting wheels for tube cutter 5433

Art.	Mat.	∅ mm	L mm	... PCS.
5440-2	Cu / Al / Me	18	5	6
5440-4	Cu / Al / Me	18	5	6
5440-4ES	Cu / Al / Me	18	5	1

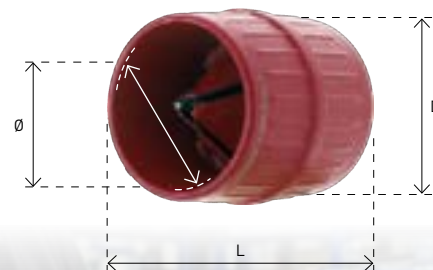


Art. 5433

Milling cutter for pipes

for internal and external use

Art.	∅ mm	D mm	L mm
5470	6 - 40	52	55



Retractable mini scraper
with 3 blades



Art.	L mm
3338	52



Spare-blades for mini scraper 3338
10 pcs.

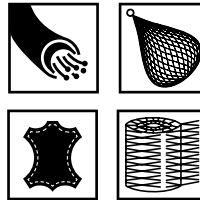
Art.
3338E



Universal scissors

Cuts cable, wire, paper, cardboard, plastics, leather and much more
Two-component plastic handles
Self-opening with spring and locking mechanism

ERGOKRAFT



Art.	L mm
2240	185



Electrician scissors

ERGOKRAFT

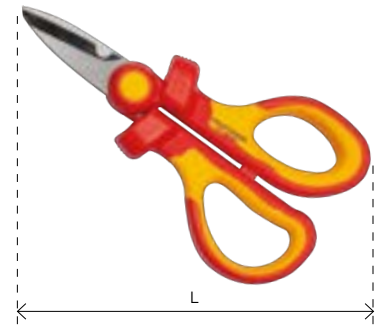
Art.	L mm
2251	142



Electrician scissors VDE



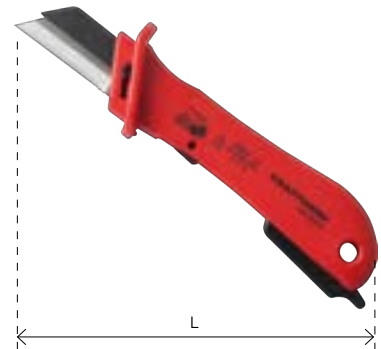
Art.	L mm
308.330.001	160



Electrician cable knife VDE



Art.	L mm
3321V	190



Replacement blade set, 4 pcs.
for 3321 V



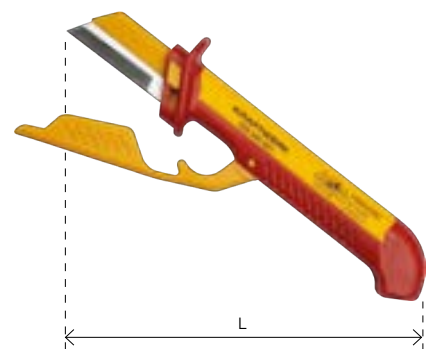
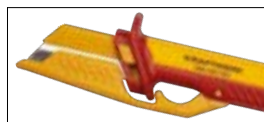
Art.	L mm
3321-4V	80



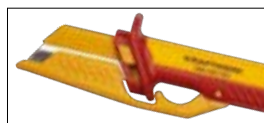
Electrician cable knife VDE
Stripping knife



Art.	L mm
309.340.001	90



Replacement blade set, 4 pcs.
for Art. 309.340.001



Art.	L mm
309.341.001	50



CrMo

**Compound action snips**

left cut, with bi-material handles

Art.	L mm	HRC	$\frac{\text{MH}}{\text{mm}}$	Inox 80kg/mm ² mm
2241	250	58 - 60	1.2	0.8



M3

L

CrMo

**Compound action snips**

right cut, with bi-material handles

Art.	L mm	HRC	$\frac{\text{MH}}{\text{mm}}$	Inox 80kg/mm ² mm
2242	250	58 - 60	1.2	0.8



M1

L

CrMo

**Compound action snips**

straight cutting, with bi-material handles

Art.	L mm	HRC	$\frac{\text{MH}}{\text{mm}}$	Inox 80kg/mm ² mm
2243	250	58 - 60	1.2	0.8



M2

L

CrMo

Offset tin snips

left cut, with bi-material handles

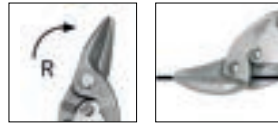


Art.	L mm	HRC	∅ MH mm	Inox 80kg/mm ² mm
2245	240	58 - 60	1.2	0.8

CrMo

Offset tin snips

right cut, with bi-material handles



Art.	L mm	HRC	∅ MH mm	Inox 80kg/mm ² mm
2246	240	58 - 60	1.2	0.8





Hacksaw frame

Lightweight frame with steel core
Single hand use
Quick change mechanism
includes 300 mm high performance saw blade

Replacement blade



Art.	L1 mm	L2 mm
3305	300	390



Straight hacksaw blade holder

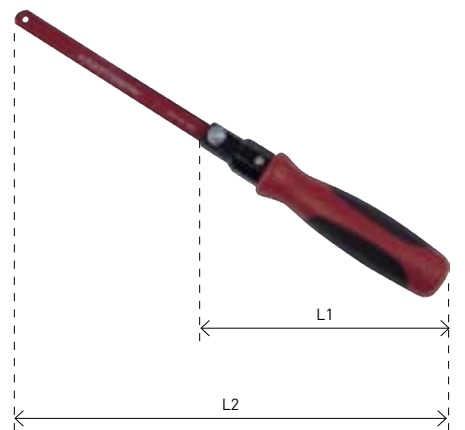
with 2-component handle
Includes 300 mm high performance saw blade

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Replacement blade




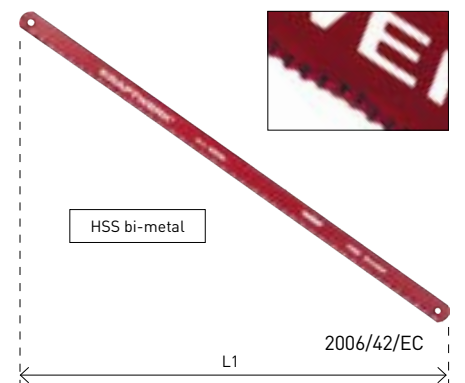
Art.	L1 mm	L2 mm
3308-1	163	470



Hacksaw blade



Art.	L1 mm	 cm
3316-18	300	7
3316-24	300	10
3316-32	300	13




Mini hacksaw frame

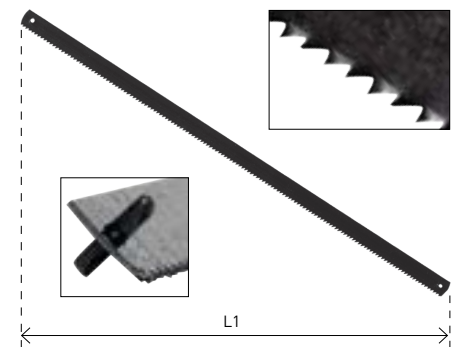
Art.	L1 mm	L2 mm
3309	150	260

Replacement blade



Hacksaw blade for mini hacksaw

Art.	L1 mm	 cm
3319	150	10



Flat file

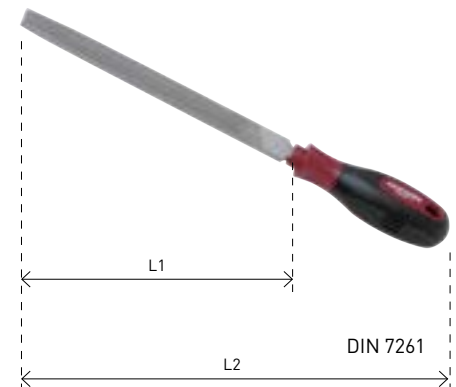
second cut, with 2-component handle

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T12



Art.	L1 mm	L2 mm
4320-1	200	320



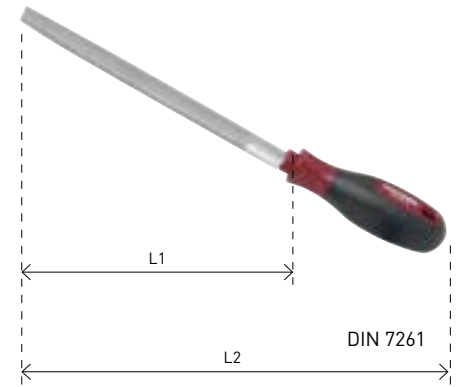
Half-round file

second cut, with 2-component handle

ERGOKRAFT

T12

Art.	L1 mm	L2 mm
4320-2	200	320

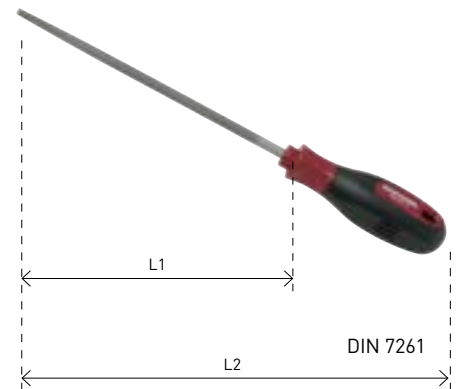
**Round file**

second cut, with 2-component handle

ERGOKRAFT

T12

Art.	L1 mm	L2 mm
4320-3	200	320

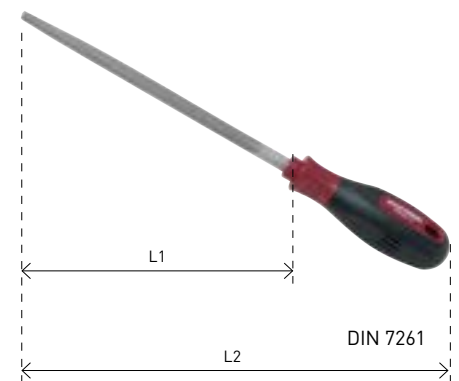
**Square file**

second cut, with 2-component handle

ERGOKRAFT

T12

Art.	L1 mm	L2 mm
4320-4	200	320

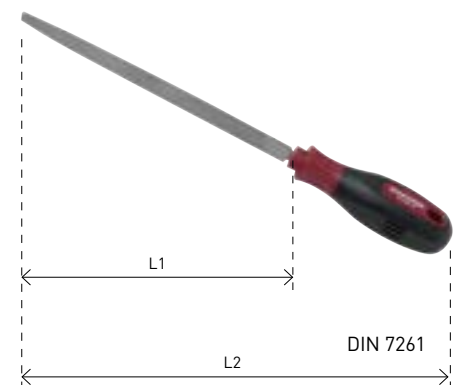
**Three-square file**

second cut, with 2-component handle

ERGOKRAFT

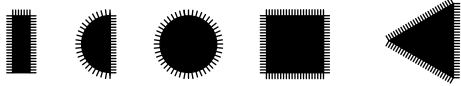
T12

Art.	L1 mm	L2 mm
4320-5	200	320



File set, 5 pcs.

Round, half round, flat, square and triangular file
Second cut
Ergonomic handle



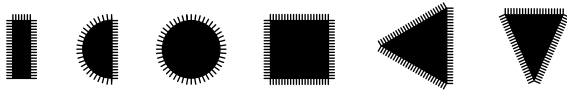
ERGOKRAFT

T12



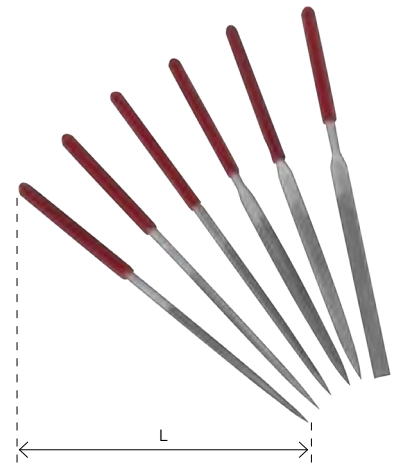
Art.	
4320	

Needle file set, 6 pcs.



ERGOKRAFT

T12



Art.	L mm
4321	165

Stainless steel wire brush

V2 A, 4 rows, with 2-component handle

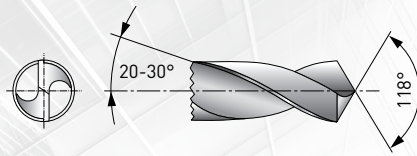
ERGOKRAFT

INOX



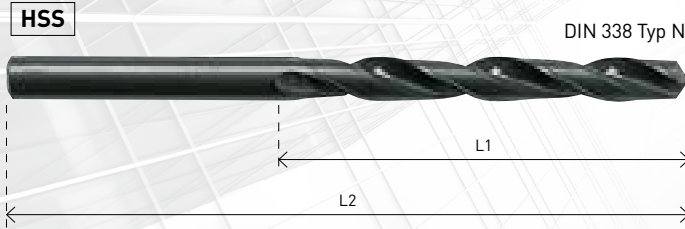
Art.	L mm
4325	260

5.10. CUTTING / FILING / DRILLING TOOLS



Helicoidal twist drill HSS

Roll-forged
Right hand cutting
From Ø 3.0 mm with cross grinding according to DIN 1412 C
Point angle: 118°
Helix angle: 20-30°



10

PCS.

10 TWIST DRILLS
Art. 10010 - 10080



5

PCS.

5 TWIST DRILLS
Art. 10085 - 10130

Art.	Ø mm	L1 mm	L2 mm
10010	1.0	12	34
10015	1.5	18	40
10020	2.0	24	49
10025	2.5	30	57
10030	3.0	33	61
10032	3.2	36	65
10033	3.3	36	65
10035	3.5	39	70
10040	4.0	43	75
10042	4.2	43	75
10045	4.5	47	80

Art.	Ø mm	L1 mm	L2 mm
10048	4.8	53	86
10050	5.0	52	86
10055	5.5	57	93
10060	6.0	57	93
10065	6.5	63	101
10068	6.8	69	109
10070	7.0	69	109
10075	7.5	69	109
10080	8.0	75	117
10085	8.5	75	117
10090	9.0	81	125

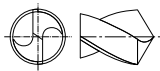
Art.	Ø mm	L1 mm	L2 mm
10095	9.5	81	125
10100	10.0	87	133
10102	10.2	87	133
10105	10.5	87	133
10110	11.0	94	142
10115	11.5	94	142
10120	12.0	101	151
10125	12.5	101	151
10130	13.0	101	151

Twist drill set HSS, 25 pcs.

Roll-forged, cylindrical, short, right hand cutting, efficient, high concentricity, good chip removal

HSS

DIN 338 Typ N



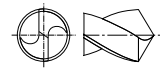
Art.	Ø mm
10906	1.0 - 1.5 - 2.0 - 2.5 - 3.0 - 3.5 - 4.0 - 4.5 - 5.0 - 5.5 - 6.0 - 6.5 - 7.0 - 7.5 - 8.0 - 8.5 - 9.0 - 9.5 - 10.0 - 10.5 - 11.0 - 11.5 - 12.0 - 12.5 - 13.0

Twist drill case HSS, 170 pcs.

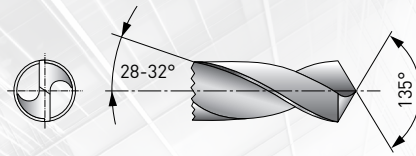
Roll-forged, cylindrical, short, right hand cutting, efficient, high concentricity, good chip removal

HSS

DIN 338 Typ N

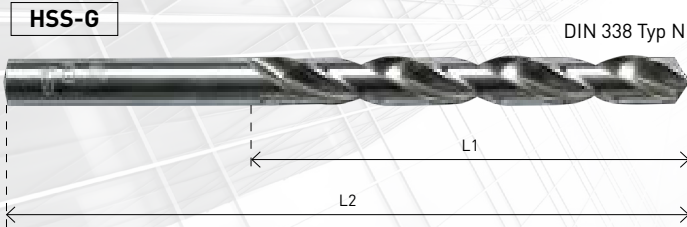


Art.	Pcs.	Ø mm
10910	10 10 5	1.0-1.5-2.0-2.5-3.0-3.5-4.0-4.5 5.0-5.5-6.0-6.5-7.0-7.5-8.0 8.5-9.0-9.5-10.0
10910K	-	Twist drill case, empty



Helicoidal twist drill HSS-G

Ground
DIN 338 type N
Right hand cutting
From Ø 3, mm with split point acc. to DIN 1412 C
Point angle: 118°
Helix angle: 25-32°



10
PCS.

10 TWIST DRILLS
Art. 11010 - 11080



5
PCS.

5 TWIST DRILLS
Art. 11081 - 11130

Art.	Ø mm	L1 mm	L2 mm
11010	1.0	12	34
11011	1.1	14	36
11012	1.2	16	38
11013	1.3	16	83
11014	1.4	18	40
11015	1.5	18	40
11016	1.6	20	43
11017	1.7	20	43
11018	1.8	22	46
11019	1.9	22	46
11020	2.0	24	49
11021	2.1	24	49
11022	2.2	27	53
11023	2.3	27	53
11024	2.4	30	57
11025	2.5	30	57
11026	2.6	30	57
11027	2.7	33	61
11028	2.8	33	61
11029	2.9	33	61
11030	3.0	33	61
11031	3.1	36	65
11032	3.2	33	65
11033	3.3	33	65
11034	3.4	39	70
11035	3.5	39	70
11036	3.6	39	70
11037	3.7	39	70
11038	3.8	43	75
11039	3.9	43	75
11040	4.0	43	75
11041	4.1	43	75
11042	4.2	43	75

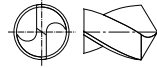
Art.	Ø mm	L1 mm	L2 mm
11043	4.3	47	80
11044	4.4	47	80
11045	4.5	47	80
11046	4.6	47	80
11047	4.7	47	80
11048	4.8	52	86
11049	4.9	52	86
11050	5.0	52	86
11051	5.1	52	86
11052	5.2	52	86
11053	5.3	52	86
11054	5.4	57	93
11055	5.5	57	93
11056	5.6	57	93
11057	5.7	57	93
11058	5.8	57	93
11059	5.9	57	93
11060	6.0	57	93
11061	6.1	63	101
11062	6.2	63	101
11063	6.3	63	101
11064	6.4	63	101
11065	6.5	63	101
11066	6.6	63	101
11067	6.7	63	101
11068	6.8	69	109
11069	6.9	69	109
11070	7.0	69	109
11071	7.1	69	109
11072	7.2	69	109
11073	7.3	69	109
11074	7.4	69	109
11075	7.5	69	109

Art.	Ø mm	L1 mm	L2 mm
11076	7.6	75	117
11077	7.7	75	117
11078	7.8	75	117
11079	7.9	75	117
11080	8.0	75	117
11081	8.1	75	117
11082	8.2	75	117
11083	8.3	75	117
11084	8.4	75	117
11085	8.5	75	117
11086	8.6	81	125
11087	8.7	81	125
11088	8.8	81	125
11089	8.9	81	125
11090	9.0	81	125
11091	9.1	81	125
11092	9.2	81	125
11093	9.3	81	125
11094	9.4	81	125
11095	9.5	81	125
11096	9.6	81	125
11097	9.7	87	133
11098	9.8	87	133
11099	9.9	87	133
11100	10.0	87	133
11102	10.2	87	133
11105	10.5	87	133
11110	11.0	94	142
11115	11.5	94	142
11120	12.0	101	151
11125	12.5	101	151
11130	13.0	101	151

5.10. CUTTING / FILING / DRILLING TOOLS

HSS-G

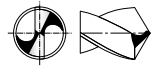
DIN 338 Typ N

Helicoidal twist drill set, 19 pcs.Ground, cylindrical, short, right hand cutting, split point from \varnothing 3 mm, efficient, high concentricity, good chip removal

Art.	\varnothing mm
11904	1.0 - 1.5 - 2.0 - 2.5 - 3.0 - 3.5 - 4.0 - 4.5 - 5.0 - 5.5 - 6.0 - 6.5 - 7.0 - 7.5 - 8.0 - 8.5 - 9.0 - 9.5 - 10.0

HSS-G

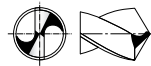
DIN 338 Typ N

Helicoidal twist drill set, 25 pcs.Ground, cylindrical, short, right hand cutting, split point from \varnothing 3 mm, efficient, high concentricity, good chip removal

Art.	\varnothing mm
11905	1.0 - 1.5 - 2.0 - 2.5 - 3.0 - 3.5 - 4.0 - 4.5 - 5.0 - 5.5 - 6.0 - 6.5 - 7.0 - 7.5 - 8.0 - 8.5 - 9.0 - 9.5 - 10.0 - 10.5 - 11.0 - 11.5 - 12.0 - 12.5 - 13.0

HSS-G

DIN 338 Typ N

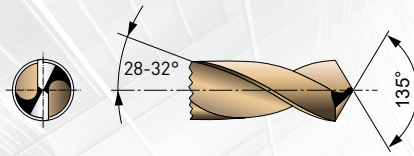
Helicoidal twist drill case, 170 pcs.Ground, cylindrical, short, right hand cutting, split point from \varnothing 3 mm, efficient, high concentricity, good chip removal

Art.	Pcs.	\varnothing mm
11910	10	1.0-1.5-2.0-2.5-3.0-3.5-4.0-4.5
	10	5.0-5.5-6.0-6.5-7.0-7.5-8.0
	5	8.5-9.0-9.5-10.0

Helicoidal twist drill HSS-E Co 5

cobalt-alloyed, ground, cylindrical, short, right-hand cutting, cross ground from Ø 3 mm, powerful, high concentricity accuracy, good chip removal

HSS properties/material processing of:
Stainless steel processing
Generally suitable for processing of workpieces with tensile strength above 800 N/mm²



10

PCS.

10 TWIST DRILLS
Art. 13010 - 13080

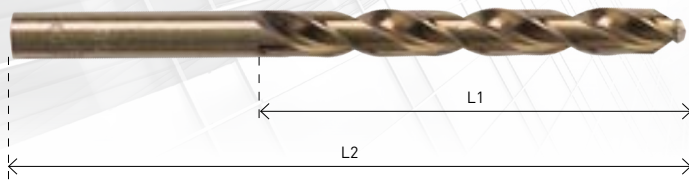
5

PCS.

5 TWIST DRILLS
Art. 13085 - 13130

HSS-E Co 5

DIN 338 Typ N



Art.	Ø mm	L1 mm	L2 mm
13010	1.0	12	34
13015	1.5	18	40
13020	2.0	24	40
13025	2.5	30	57
13030	3.0	33	41
13032	3.2	36	65
13033	3.3	36	65
13035	3.5	39	70
13040	4.0	43	75
13042	4.2	43	75
13045	4.5	47	80

Art.	Ø mm	L1 mm	L2 mm
13048	4.8	53	86
13050	5.0	52	86
13055	5.5	57	93
13060	6.0	57	93
13065	6.5	63	101
13068	6.8	69	109
13070	7.0	69	109
13075	7.5	69	109
13080	8.0	75	117
13085	8.5	75	117
13090	9.0	81	125

Art.	Ø mm	L1 mm	L2 mm
13095	9.5	81	125
13100	10.0	87	133
13102	10.2	87	133
13105	10.5	87	133
13110	11.0	94	142
13115	11.5	94	142
13120	12.0	101	151
13125	12.5	101	151
13130	13.0	101	151



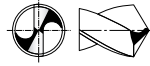
5.10. CUTTING / FILING / DRILLING TOOLS

HSS-E Co 5

Helicoidal twist drill set, 19 pcs.

cobalt-alloyed, ground, cylindrical, short, right hand cutting, split point from \varnothing 3 mm, efficient, high concentricity, good chip removal

DIN 338 Typ N;DIN 1412 C

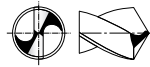


Art.	\varnothing mm
13904	1.0 - 1.5 - 2.0 - 2.5 - 3.0 - 3.5 - 4.0 - 4.5 - 5.0 - 5.5 - 6.0 - 6.5 - 7.0 - 7.5 - 8.0 - 8.5 - 9.0 - 9.5 - 10.0

Helicoidal twist drill set, 25 pcs.

cobalt-alloyed, ground, cylindrical, short, right hand cutting, split point from \varnothing 3 mm, efficient, high concentricity, good chip removal

DIN 338 Typ N;DIN 1412 C

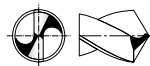


Art.	\varnothing mm
13905	1.0 - 1.5 - 2.0 - 2.5 - 3.0 - 3.5 - 4.0 - 4.5 - 5.0 - 5.5 - 6.0 - 6.5 - 7.0 - 7.5 - 8.0 - 8.5 - 9.0 - 9.5 - 10.0 - 10.5 - 11.0 - 11.5 - 12.0 - 12.5 - 13.0

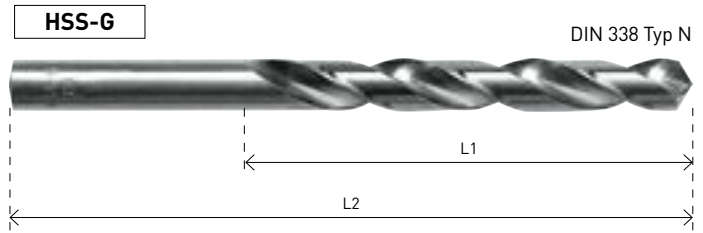
Helicoidal twist drill case, 170 pcs.

cobalt-alloyed, ground, cylindrical, short, right hand cutting, split point from \varnothing 3 mm, efficient, high concentricity, good chip removal

DIN 338 Typ N;DIN 1412 C

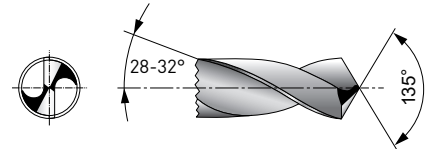


Art.	Pcs.	\varnothing mm
13910	10	1.0-1.5-2.0-2.5-3.0-3.5-4.0-4.5
	10	5.0-5.5-6.0-6.5-7.0-7.5-8.0
	5	8.5-9.0-9.5-10.0



Helicoidal twist drill for core holes
ground, cylindrical, short, right hand cutting, split point from \varnothing 3 mm, efficient, high concentricity, good chip removal

Art.	\varnothing mm	L1 mm	L2 mm	Pcs.
15016	1.6 (M2)	20	43	3
15020.5	2.05 (M2.5)	24	49	3
15025	2.5 (M3)	30	57	3
15033	3.3 (M4)	36	65	3
15042	4.2 (M5)	43	75	2
15050	5.0 (M6)	52	86	2
15068	6.8 (M8)	69	109	1
15085	8.5 (M10)	75	117	1
15102	10.2 (M12)	87	133	1



Hand tap set, 3 pcs.

directly ground from the rod, set of 3 pieces with taper tap, second tap and plug tap, high cutting performance

Art.	\varnothing mm	mm	L mm	Pcs.
21030	M3 (2.5)	0.5	44	3
21040	M4 (3.3)	0.7	47	3
21050	M5 (4.2)	0.8	53	3
21060	M6 (5.0)	1	55	3
21080	M8 (6.8)	1.25	56	3
21100	M10 (8.5)	1.5	69	3
21120	M12 (10.2)	1.75	75	3



Short machine and hand tap

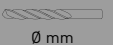

directly ground from the rod, high cutting performance

Art.	\varnothing mm	mm	L mm	Pcs.
22020	M2 (1.6)	0.4	38	1
22025	M2.5 (2.05)	0.45	43	1
22030	M3 (2.5)	0.5	44	1
22040	M4 (3.3)	0.7	47	1
22050	M5 (4.2)	0.8	53	1
22060	M6 (5.0)	1	55	1
22080	M8 (6.8)	1.25	56	1
22100	M10 (8.5)	1.5	69	1
22120	M12 (10.2)	1.75	75	1



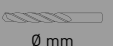

Short machine and hand tap

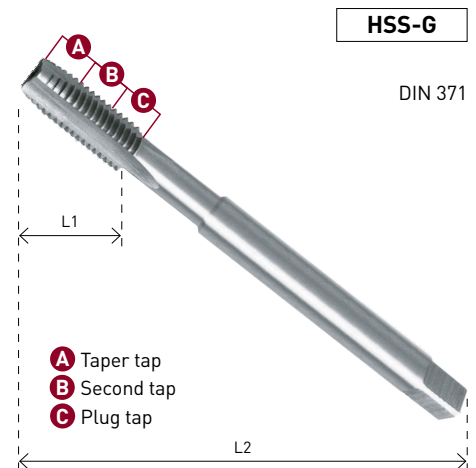
directly ground from the rod, high cutting performance

Art.	 \emptyset mm	 mm	L1 mm	L2 mm	Pcs.
4900-51T05	M5 (5.2)	0.8	21	61	1
4900-51T06	M6 (6.3)	1	24	69	1
4900-51T08	M8 (8.4)	1.25	28	78	1
4900-51T10	M10 (10.5)	1.5	33	89	1
4900-51T12	M12 (12.5)	1.75	32	88	1
4900-51T14	M14 (14.5)	2	40	40	1

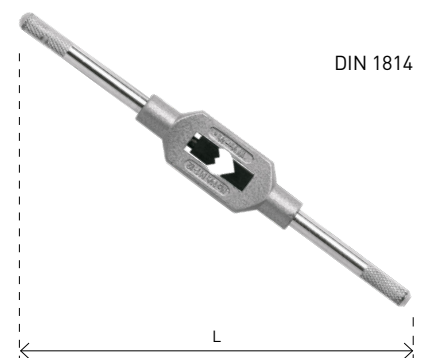
**Long machine tap**

directly ground from the rod, high cutting performance

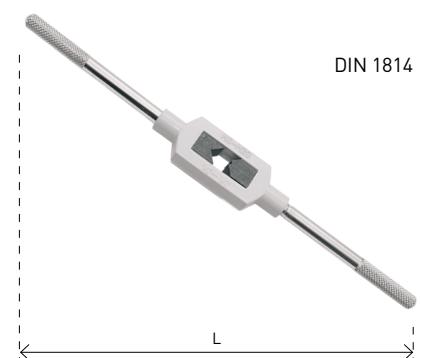
Art.	 \emptyset mm	 mm	L1 mm	L2 mm	Pcs.
25030	M3 (2.5)	0.5	21	61	1
25040	M4 (3.3)	0.7	24	69	1
25050	M5 (4.2)	0.8	28	78	1
25060	M6 (5.0)	1	33	89	1
25080	M8 (6.8)	1.25	32	88	1
25100	M10 (8.5)	1.5	40	100	1
25120	M12 (10.2)	1.75	80	110	1

**Adjustable tap wrench**

Art.	No.	\emptyset	L mm	
24015	19.10	1-1/2	M2 - M12	175

**Adjustable tap wrench**

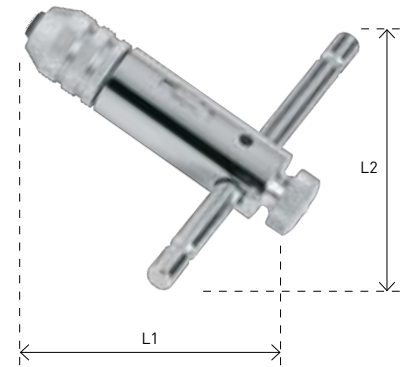
Art.	No.	\emptyset	L mm	
4900-51A620	39.00	No. 3	M6 - M20	375



DIN 1814

Tap holder with ratchet


Art.	No.	Ø mm	L1 mm	L2 mm
24110	32.00	M3 - M10	100	86



Die

round, high cutting performance

HSS-G

Art.	Ø	 mm	D mm
26030	M3	0.5	25
26040	M4	0.7	25
26050	M5	0.8	25
26060	M6	1	25
26080	M8	1.25	25
26100	M10	1.5	25
26120	M12	1.75	25

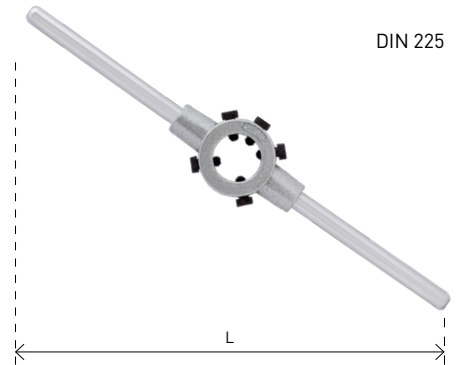
DIN ISO 261



Die stock

Art.	No.	Ø	L mm
24010	M3-M12	M3-M12	215

DIN 225




Die with holder

high cutting performance

ERGOKRAFT


HSS-G

Art.	Ø	 mm	L mm
23020	M2	0.4	179
23025	M2.5	0.45	179
23030	M3	0.5	179
23040	M4	0.7	179
23050	M5	0.8	179
23060	M6	1	221
23080	M8	1.25	221
23100	M10	1.5	221
23120	M12	1.75	221




5.10. CUTTING / FILING / DRILLING TOOLS

Pitch gear, 24 pcs.

Art.	 mm
24200	0.25 - 0.30 - 0.35 - 0.40 - 0.45 - 0.50 - 0.60 - 0.70 - 0.75 - 0.80 - 0.90 - 1.00 - 1.25 - 1.50 - 1.75 - 2.00 - 2.50 - 3.00 - 3.50 - 4.00 - 4.50 - 5.00 - 5.00 - 5.50 - 6.00



Pitch gear, 16 pcs.

Art.	 mm
4900-51A1240	0.25 - 0.30 - 0.35 - 0.40 - 0.45 - 0.50 - 0.60 - 0.70 - 0.75 - 0.80 - 0.90 - 1.00 - 1.25 - 1.50 - 1.75 - 2.00



Drill, machine and hand tap + die set, 24 pcs.
ground

HSS-G



- Art. 26030 M3
- Art. 26040 M4
- Art. 26050 M5
- Art. 26060 M6
- Art. 26080 M8
- Art. 26100 M10
- Art. 26120 M12



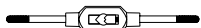
- Art. 11025 2.5 mm
- Art. 11033 3.3 mm
- Art. 11042 4.2 mm
- Art. 11050 5.0 mm
- Art. 11068 6.8 mm
- Art. 11085 8.5 mm
- Art. 11102 10.2 mm



Art. 24010 No. 3 M3-M12

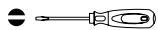


Art. 22030 M3



Art. 24015 No. 1-1/2 M2-M12

Art. 22040 M4



Art. 22050 M5

Art. 22060 M6

Art. 22080 M8

Art. 22100 M10

Art. 22120 M12



5

Art.	∅
3240MOD	M3 - M12

270 x 150 x 55 mm

Drill, and tap + die case, 56 pcs.
ground

HSS-G



- Art. 26030 M3
- Art. 26040 M4
- Art. 26050 M5
- Art. 26060 M6
- Art. 26080 M8
- Art. 26100 M10
- Art. 26120 M12



- Art. 11033 3.3 mm
- Art. 11042 4.2 mm
- Art. 11068 6.8 mm
- Art. 11102 10.2 mm



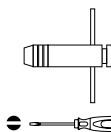
- Art. 21030 M3
- Art. 21040 M4
- Art. 21050 M5
- Art. 21060 M6
- Art. 21080 M8
- Art. 21100 M10
- Art. 21120 M12



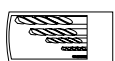
- Art. 24010 No. 3 M3-M12



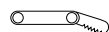
- Art. 24015 No. 1-1/2 M2-M12



- Art. 24110 No. 1 M3-M10



- Art. 11904 1-10 / 0.5 mm



- Art. 24200 0.25-6.0 mm

Art.	∅
3245MOD	M3 - M12

410 × 275 × 70 mm

Thread inserts

Art.	∅	Pcs.
28050	M5 × 0.8	12
28060	M6 × 1.0	12
28080	M8 × 1.25	12
28100	M10 × 1.25	12
28120	M12 × 1.75	6
28140	M14 × 1.25	6



Tang puncher

Art.	∅
4900-51P05	M5
4900-51P06	M6
4900-51P08	M8
4900-51P10	M10
4900-51P12	M12
4900-51P14	M14



Coil installation shank

Art.	∅
4900-51S05	M5
4900-51S06	M6
4900-51S08	M8
4900-51S10	M10
4900-51S12	M12
4900-51S14	M14



Rachtet driver for thread inserts

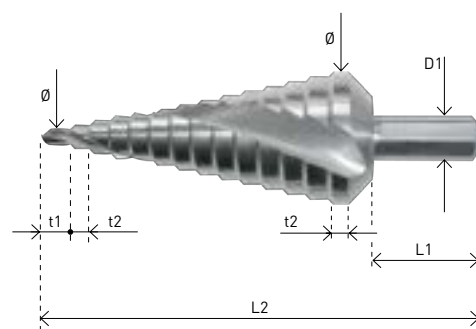
Art.
4900-51R



Step drill with spiral flute

with ground spiral groove and edge breaker, very high cutting performance

Art.	min-max. ∅ mm	t1 mm	t2 mm	D1 mm	L1 mm	L2 mm
18010	4 - 5 - 6 - 7 - 8 9 - 10 - 11 - 12	7	4.5	6	20	65
18020	4 - 6 - 8 - 10 - 12 14 - 16 - 18 - 20	8	5.5	8	20	75
18030	4 - 6 - 8 - 10 - 12 14 - 16 - 18 - 20 22 - 24 - 26 - 28 - 30	8	5	10	22	100



HSS-E Co 5%

5

Step drill set with spiral flute, 3 pcs.

with ground spiral groove and edge breaker, very high cutting performance

Art. 18010 4 - 12 mm
Art. 18020 4 - 20 mm
Art. 18030 4 - 30 mm


Art.	min-max. ∅ mm
18000	4 - 12 / 4 - 20 / 4 - 30



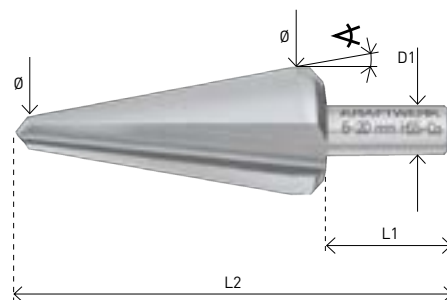
HSS-E Co 5%

Tube and sheet drill

with ground groove, conique form at 20°, very high cutting performance

Art.	min-max. Ø mm		D1 mm	L1 mm	L2 mm
18110	3 - 14	10°	6	20	58
18120	5 - 20	10°	8	20	71
18130	16 - 30.5	12°	9	22	77

HSS-E Co 5%



Tube and sheet drill set, 3 pcs.

Cobalt increased heat resistance
No centring required
For hand and column drills
For VA materials and stainless steel

Art. 18110 3 - 14 mm
Art. 18120 5 - 20 mm
Art. 18130 16 - 30.5 mm

HSS-E Co 5%

Art.	min-max. Ø mm
18100	3 - 14 / 5 - 20 / 16 - 30.5

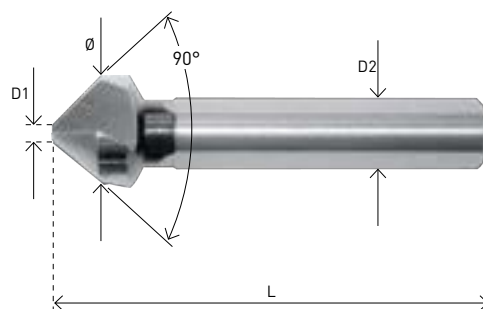


Countersink

90°, 3 ground flutes


Art.	Ø mm	D1 mm	D2 mm	L mm
18210	6.3	1.5	5	45
18220	8.3	2	6	50
18230	10.4	2.5	6	50
18240	12.4	2.8	8	56
18250	16.5	3.2	10	60
18260	20.5	3.5	10	63

HSS-E Co 5%

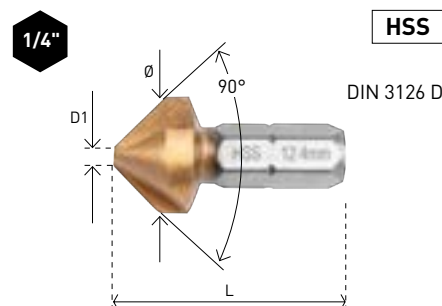


Countersink-bit, HSS, tin-coated, 12.4 mm, 1/4"

For countersinking and deburring
TIN coated
90° 3 flutes
Suitable for 6.3 mm holders

Art.	Ø mm	D1 mm		L mm
309.185.124	6.3	1.5	1/4"	30

HSS



Countersink set, 6 pcs.

90°, 3 ground flutes

Art. 18210	6.3 mm
Art. 18220	8.3 mm
Art. 18230	10.4 mm
Art. 18240	12.4 mm
Art. 18250	16.5 mm
Art. 18260	20.5 mm

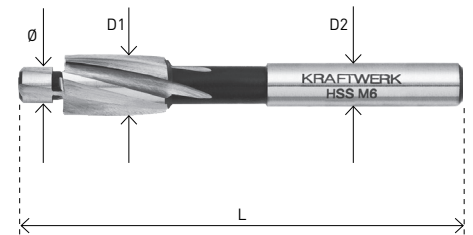
Art.	∅ mm
18200	6.3 - 8.3 - 10.4 - 12.4 - 16.5 - 20.5

HSS-E Co 5%

**Flat countersink**

Art.	∅ mm	D1 mm	D2 mm	L mm
18310	3.4 (M3)	6	5	71
18320	4.5 (M4)	8	5	71
18330	5.5 (M5)	10	8	80
18340	6.6 (M6)	11	8	80
18350	9 (M8)	15	12.5	100
18360	11 (M10)	18	12.5	100

HSS-E Co 5%



5

Flat countersink set, 6 pcs.


Art. 18310	3.4 mm / M3
Art. 18320	4.5 mm / M4
Art. 18330	5.5 mm / M5
Art. 18340	6.6 mm / M6
Art. 18350	9.0 mm / M8
Art. 18360	11.0 mm / M10

Art.	∅ mm
18300	3.4 - 4.5 - 5.5 - 6.6 - 9.0 - 11.0

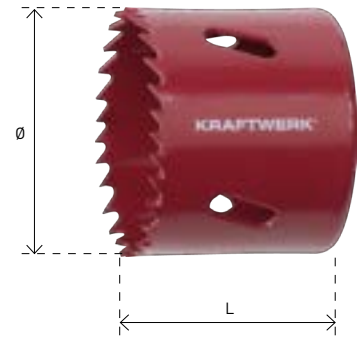
HSS-E Co 5%





HSS bi-metal hole saw

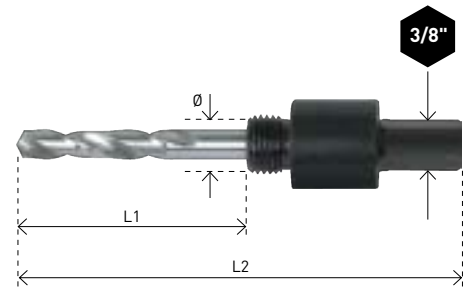
Art.	∅ mm		L mm
19190	19	Art. 19001	50
19200	20	Art. 19001	48
19220	22	Art. 19001	48
19250	25	Art. 19001	48
19290	29	Art. 19001	48
19320	32	Art. 19002	50
19350	35	Art. 19002	48
19380	38	Art. 19002	44
19440	44	Art. 19002	43
19510	51	Art. 19002	43
19570	57	Art. 19002	43
19650	65	Art. 19002	43
19680	68	Art. 19002	43
19760	76	Art. 19002	43

HSS-E Co 5%





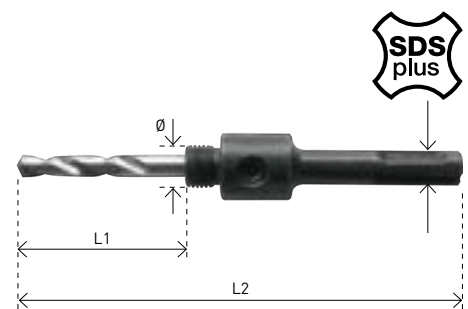
Hole saw arbor with pilot drill

Art.	∅	 mm	L1 mm	L2 mm	 mm
19001	M14	3/8"	50	95	14 - 30





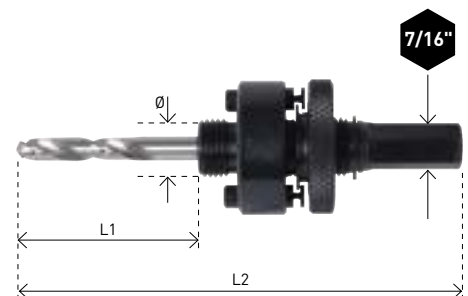
Hole saw arbor SDS-plus with pilot drill

Art.	∅	 mm	L1 mm	L2 mm	 mm
19005	M14	SDS-Plus	46	126	14 - 30





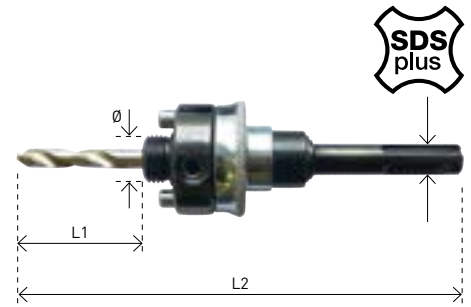
Hole saw arbor with pilot drill

Art.	∅	 mm	L1 mm	L2 mm	 mm
19002	M14	7/16"	50	118	32 - 76



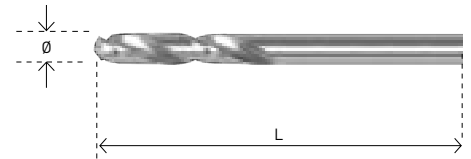
Hole saw arbor SDS-plus with pilot drill

Art.	∅		L1 mm	L2 mm	 mm
19006	M14	SDS-Plus	46	146	32 - 76





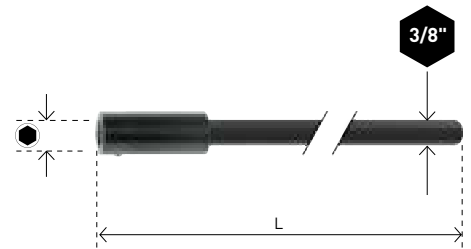
Pilot drill

Art.	∅ inch / mm	L mm
19004	1/4" / 6.35 mm	75



Extension bar for hole saws

Art.	 inch	 mm	L mm
19003	3/8"	3/8"	300





Measuring tape

Chromed ABS casing with rubber grip. Yellow lacquered, nylon coated steel blade with mm-graduation. Blade-lock. Removeable belt clip. Precision class II.

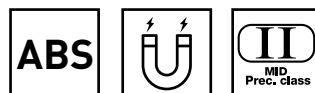


Art.	L/M	B/mm
4701-0316	3	16

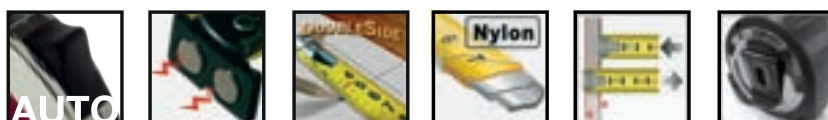


Measuring tape

Extra wide, shock absorbing tape measure, 2 sides labelled with mm-graduation, nylon coated. Big end hook with 2 magnets, solid ABS/rubber-housing.



Art.	L/M	B/mm
4706-0319	3	19
4706-0527	5	27
4706-0827	8	27



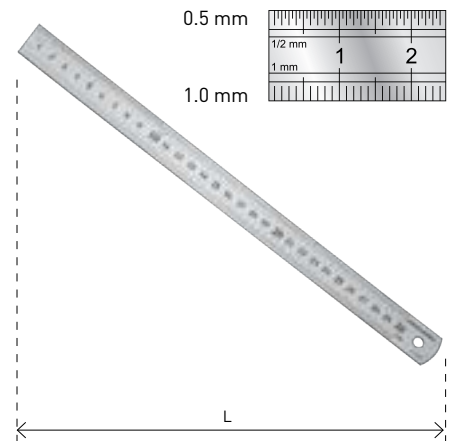


Steel ruler

Precision graduation in mm and 1/2 mm, flexible, stainless, antireflection treatment. Precision class II.



Art.	B/mm	L mm
2976	28	300

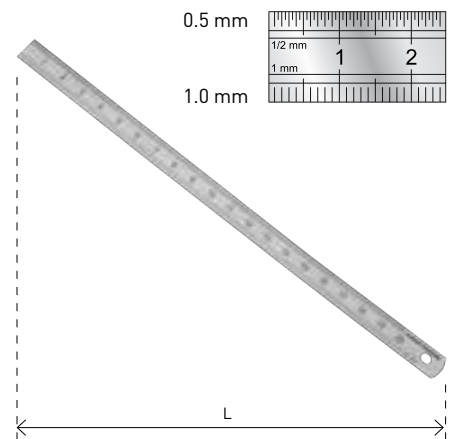


Steel ruler

Stainless steel
Flexible



Art.	B/mm	L mm
311.001.200	15	200

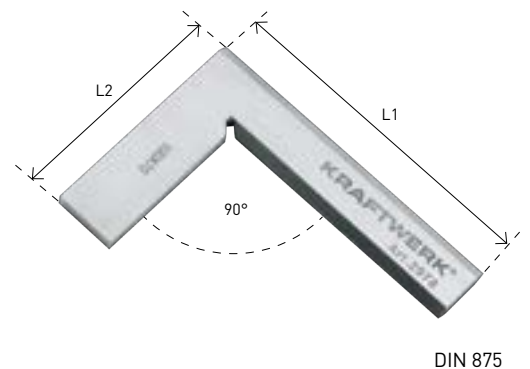


Precision steel square

without flange, ground





Art.	L1 mm	L2 mm
2978	100	70

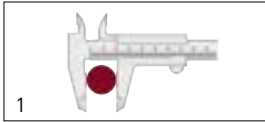


Vernier caliper

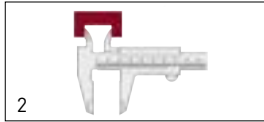
stainless steel, hardened fine grinded, with cross points, nonius and scale satin chromed, with locking screw, depth measuring 150 mm, in plastic case.

INOX

Art.		 mm	L mm
2970	0 - 150 / 6"	0.01 / 1/128"	230



1 External measurement



2 Internal measurement





3 Depth measurement

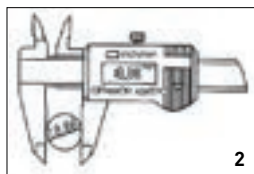
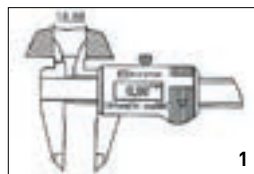


Digital caliper

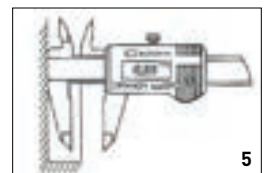
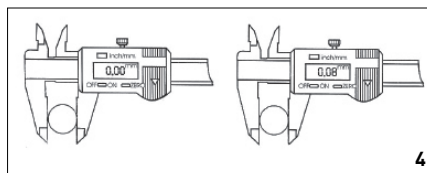
with locking screw, reading switchable mm - inch, 5-digit LCD-display, zero setting at any position, for external, internal and depth measuring. In plastic case.

INOX **2.09 digital**

Art.		 mm	L mm
2972	0 - 150 / 6"	0.01 / 0.0005"	235





- 1 Measurements of internal dimensions
- 2 Measurements of external dimensions
- 3 Measurements of depth
- 4 Differential method of measurement (Application of zero setting)
- 5 Measurement of steps



5.11. MEASURING TOOLS

Outside micrometer


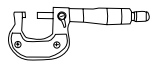

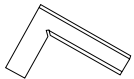
Measuring faces of hard metal, friction clutch and locking screw

Art.		 mm	L mm
2975	0 - 25	0.01	135



Precision measuring tool set, 4 pcs.

Digital caliper 150 mm/0-6"
 Outside micrometer 0-25 mm/0.01 mm
 Square 100 x 70 mm
 Steel ruler 150 mm

	Art. 2972	150 mm x 0.01 mm / 6" x 0.0005"
	Art. 2975	0-25 mm x 0.01 mm
		150 mm x 19 mm
	Art. 2978	100 mm x 70 mm / 90°




2.09
digital

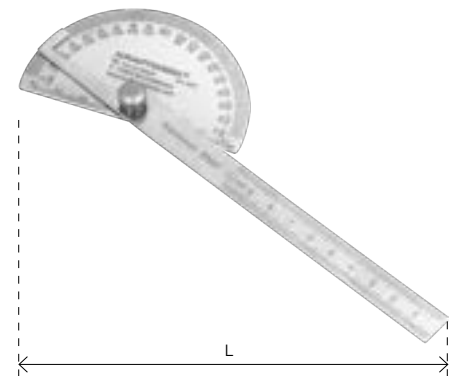
Art.
2980

Steel protractor

satin chrome finish, with locking screw, for measuring the angular degrees of 0-180°


INOX

Art.	 mm	L mm
2977	1 - 0 - 180°	200



Feeler gauge set, 10 pcs.

Metric leaves of hardened spring steel, conical blade shape, with locking screw.

Art.	 mm	L mm
2974	0.05 - 0.1 - 0.15 - 0.2 - 0.3 0.4 - 0.5 - 0.6 - 0.7 - 0.8	107



Torpedo level

with magnetic base and 3 vials



Art.	L mm
3970	225

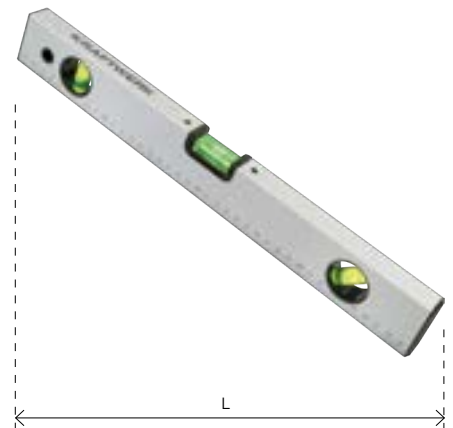


Aluminium spirit level

2 plumb vials
Magnetic



Art.	L mm
311.010.400	400

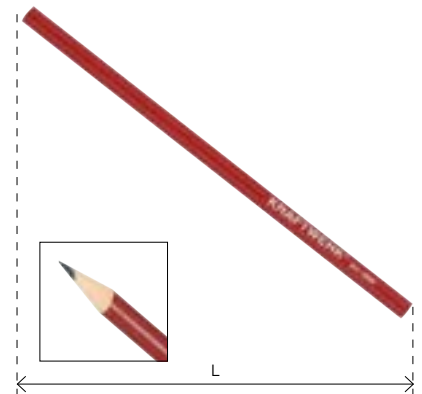


Carpenter pencil

black



Art.	L mm
3966	175



ERGOKRAFT

Magnifying glass with LED light

3 × magnification

Very bright LED with intelligent IC for long battery life

Non distorting high quality optical glass

Ergonomic 2-components handle

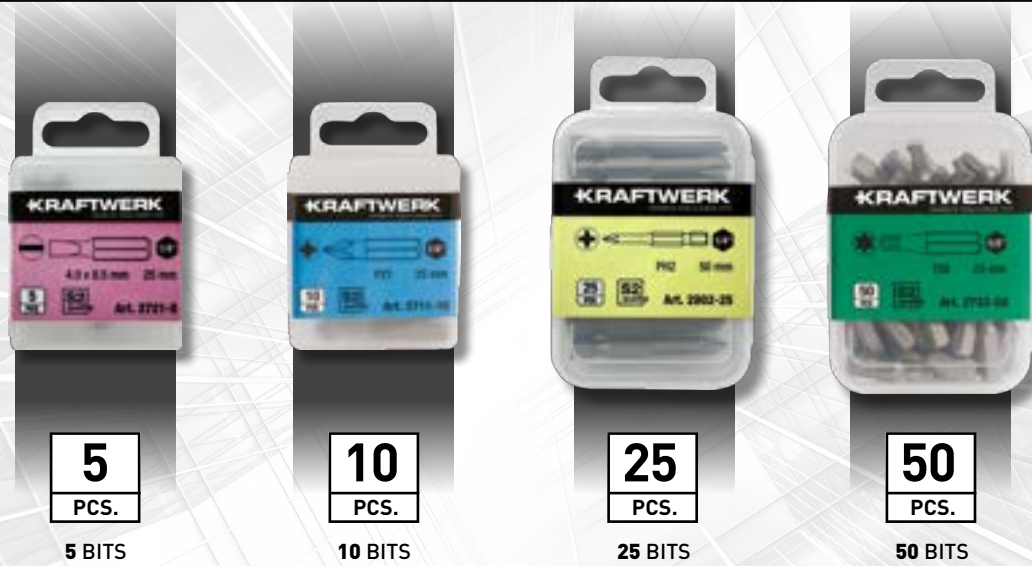
TPE rubber framing for extra protection



Art.	L mm
3341	180

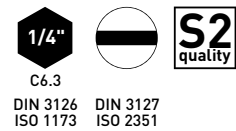


5.12. BITS / PULLER / HOOK & BOLT EXTRACTOR



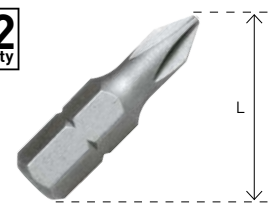
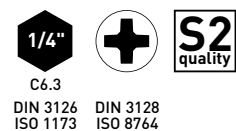
1/4" Bit 25 mm for slotted screws

5 PCS.	mm	mm	L mm
2721-5	0.5	4	25
2722-5	0.6	4.5	25
2723-5	0.8	5.5	25
2724-5	1.0	6	25
2725-5	1.2	6.5	25
2726-5	1.6	8	25



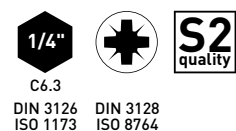
1/4" Bit 25 mm for Phillips screws

5 PCS.	10 PCS.	50 PCS.	+	L mm
2705-5			PH 0	25
2701-5	2701-10	2701-50	PH 1	25
2702-5	2702-10	2702-50	PH 2	25
2703-5	2703-10		PH 3	25
2704-5			PH 4	25



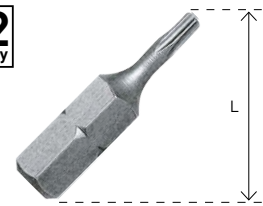
1/4" Bit 25 mm for Pozidriv screws

5 PCS.	10 PCS.	50 PCS.	1/4"	L mm
2711-5	2711-10	2711-50	PZ 1	25
2712-5	2712-10	2712-50	PZ 2	25
2713-5	2713-10	2713-50	PZ 3	25
2714-5			PZ 4	25



1/4" Bit 25 mm for TX screws

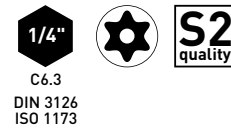
5 PCS.	10 PCS.	50 PCS.	1/4"	mm	L mm
2730-5			T8	2.3	25
2731-5	2731-10		T10	2.7	25
2732-5	2732-10	2732-50	T15	3.3	25
2733-5	2733-10	2733-50	T20	3.8	25
2734-5	2734-10	2734-50	T25	4.4	25
2737-5	2737-10		T27	7.2	25
2735-5	2735-10	2735-50	T30	5.5	25
2736-5	2736-10	2736-50	T30	6.6	25
2738-5			T45	7.82	25
2739-5			T50	8.83	25



1/4" Bit 25 mm for TX screws

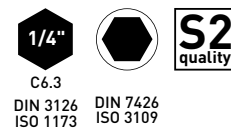
with bore hole at the tip, for normal TX screws and tamperproof TX screws

5 PCS.	10 PCS.	50 PCS.	1/4"	mm	L mm
2749-5			T8	2.3	25
2751-5			T10	2.7	25
2752-5			T15	3.3	25
2753-5			T20	3.8	25
2754-5			T25	4.4	25
2755-5			T27	5	25
2756-5			T30	5.5	25
2757-5			T40	6.6	25



1/4" Bit 25 mm for hexagon socket screws

5 PCS.	10 PCS.	50 PCS.	mm	L mm
2741-5	2741-10		3	25
2742-5	2742-10		4	25
2743-5	2743-10		5	25
2744-5	2744-10		6	25
2745-5			7	25
2746-5			8	25



1/4" Bit 25 mm for hexagon socket screws


with bore hole at the tip, for normal screws and tamperproof screws

5 PCS.	10 PCS.	50 PCS.	mm	L mm
2676-5			2	25
2677-5			2.5	25
2678-5			3	25
2679-5			4	25
2680-5			5	25
2681-5			6	25



1/4" Bit 25 mm for inch hexagon socket screws

with bore hole at the tip, for normal screws and tamperproof screws

5 PCS.	 mm	L mm
2683-5	5/32"	25
2684-5	9/54"	25
2685-5	1/8"	25
2686-5	7/64"	25
2687-5	3/32"	25
2688-5	5/64"	25

1/4"

C6.3
DIN 3126
ISO 1173S2
quality

INCH

**1/4" Bit 25 mm for Torq screws**

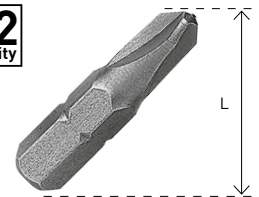
5 PCS.	 mm	L mm
2661-5	No. 6	25
2662-5	No. 8	25
2663-5	No. 10	25

1/4"

C6.3
DIN 3126
ISO 1173TORQ-
SETS2
quality**1/4" Bit 25 mm for Tri-Wing screws**

5 PCS.	 mm	L mm
2671-5	No. 1	25
2672-5	No. 2	25
2673-5	No. 3	25
2674-5	No. 4	25

1/4"

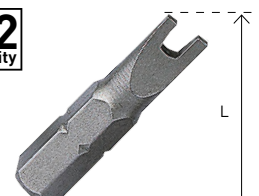
C6.3
DIN 3126
ISO 1173TRI-
WINGS2
quality**1/4" Bit 25 mm for Spanner screws**

5 PCS.	 mm	L mm
2665-5	No. 4	25
2667-5	No. 6	25
2668-5	No. 8	25
2669-5	No. 10	25

1/4"

C6.3
DIN 3126
ISO 1173

SPANNER

S2
quality

1/4" Bit 25 mm for Robertson square screws

5 PCS.			L mm
2689-5		R1	25
2696-5		R2	25




C6.3
DIN 3126
ISO 1173

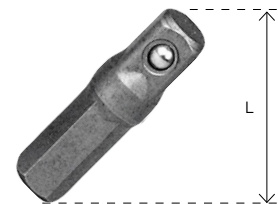
 **S2**
quality





1/4" Adapter bit 25 mm for sockets 1/4"



5 PCS.				L mm
2770-5		1/4"	1/4"	25

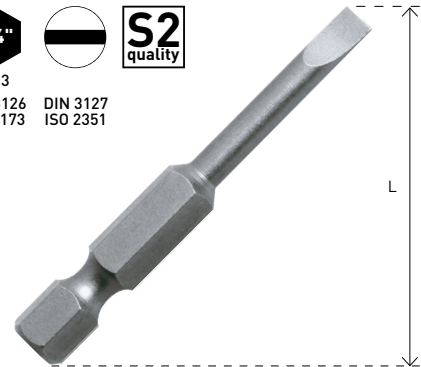
 
C6.3
DIN 3126
ISO 1173




1/4" Bit 50 mm for slotted screws



5 PCS.		 mm	 mm	L mm
2821-5		0.5	4	50
2822-5		0.6	4.5	50
2823-5		0.8	5.5	50
2824-5		1	6	50
2825-5		1.2	6.5	50
2826-5		1.6	8	50

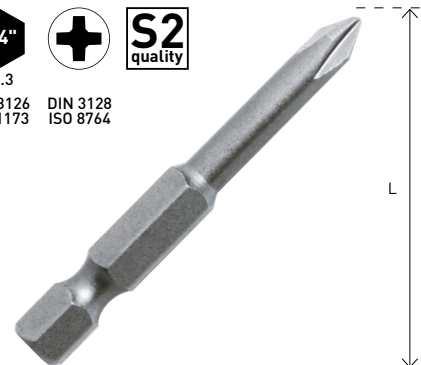
  **S2**
quality
E6.3
DIN 3126 ISO 1173 DIN 3127 ISO 2351



1/4" Bit 50 mm for Phillips screws


5 PCS.	10 PCS.	25 PCS.		L mm
2801-5	2801-10		PH 1	50
2802-5	2802-10	2802-25	PH 2	50
2803-5			PH 3	50
2804-5			PH 4	50

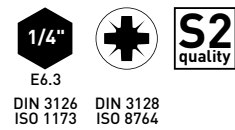
  **S2**
quality
E6.3
DIN 3126 ISO 1173 DIN 3128 ISO 8764





5.12. BITS / PULLER / HOOK & BOLT EXTRACTOR

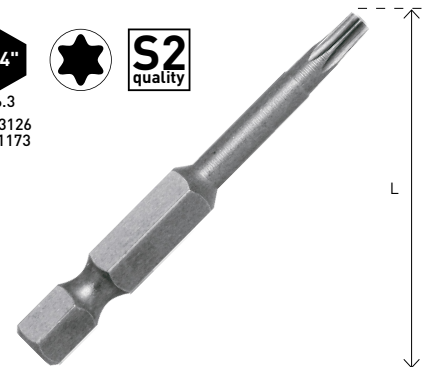
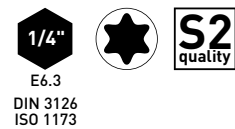
1/4" Bit 50 mm for Pozidriv screws

5 PCS.	10 PCS.	25 PCS.		L mm
2811-5	2811-10		PZ 1	50
2812-5	2812-10	2812-25	PZ 2	50
2813-5			PZ 3	50
2814-5			PZ4	50




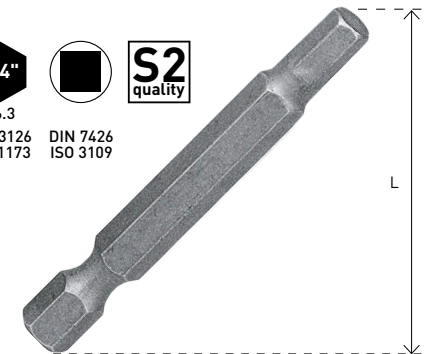
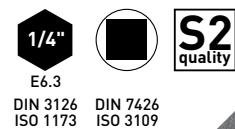
1/4" Bit 50 mm for TX screws

5 PCS.	10 PCS.		 mm	L mm
2831-5		T10	2.7	50
2832-5	2832-10	T15	3.3	50
2833-5	2833-10	T20	3.8	50
2834-5	2834-10	T25	4.4	50
2837-5		T27	6.6	50
2835-5	2835-10	T30	5.5	50
2836-5		T40	6.6	50



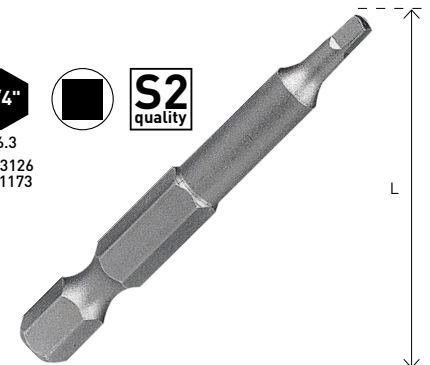
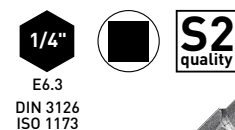
1/4" Bit 50 mm for hexagon socket screws

5 PCS.		L mm
2841-5	3	50
2842-5	4	50
2843-5	5	50
2844-5	6	50
2845-5	7	50
2846-5	8	50



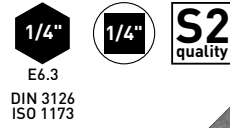
1/4" Bit 50 mm for Robertson square screws

5 PCS.		L mm
2690-5	R1	50
2697-5	R2	50



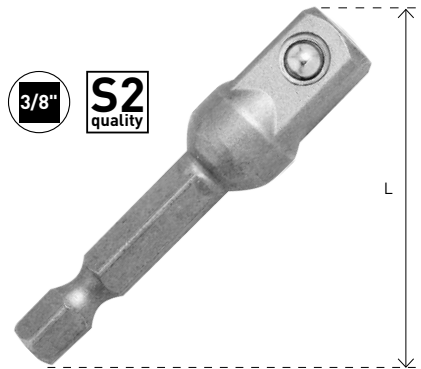
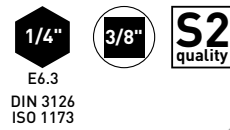
1/4" Adapter bit 50 mm for sockets 1/4"

5 PCS.			L mm
2850-5	1/4"	1/4"	50



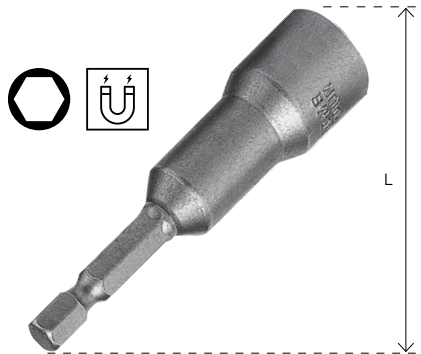
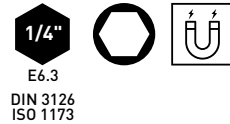
1/4" Adapter bit 50 mm for sockets 3/8"

5 PCS.			L mm
2860-5	1/4"	3/8"	50



1/4" Magnetic nut setter

Art.	 mm	L mm
3784-07	7	65
3784-08	8	65
3784-10	10	65
3784-13	13	65





1/4" Bit-holder with thread

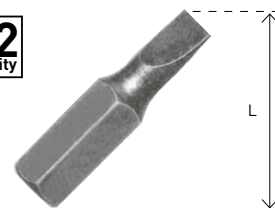
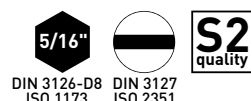
Art.	Ø	L mm
3784-M6	M6	50
3784-M8	M8	50
3784-M10	M10	50
3784-M12	M12	50



5.12. BITS / PULLER / HOOK & BOLT EXTRACTOR

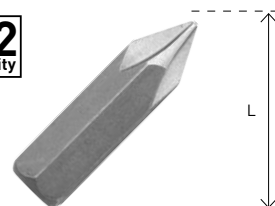
5/16" Bit 30 mm for slotted screws

Art.	 mm	 mm	L mm
302055	0.8	5.5	30
302065	1	6.5	30
302080	1.2	8	30
302100	1.6	10	30
302120	2	12	30



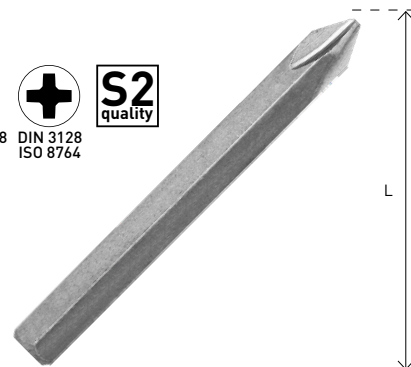
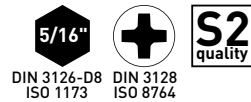
5/16" Bit 30 mm for Phillips screws

Art.		L mm
303001	PH 1	30
303002	PH 2	30
303003	PH 3	30
303004	PH 4	30



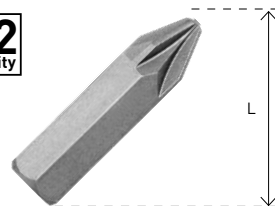
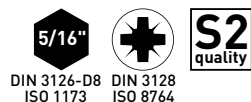
5/16" Bit 70 mm for Phillips screws

Art.		L mm
313001	PH 1	70
313002	PH 2	70
313003	PH 3	70



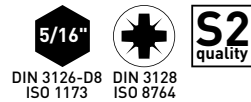
5/16" Bit 30 mm for Pozidriv screws

Art.		L mm
304001	PZ 1	30
304002	PZ 2	30
304003	PZ 3	30
304004	PZ 4	30





5/16" Bit 70 mm for Pozidriv screws

Art.		L mm
314001	PZ 1	70
314002	PZ 2	70



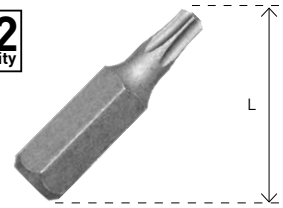
5/16" Bit 30 mm for TX screws

Art.		 mm	L mm
305010	T10	2.7	30
305015	T15	3.3	30
305020	T20	3.8	30
305025	T25	4.4	30
305027	T27	5.0	30
305030	T30	5.5	30
305040	T40	6.6	30
305045	T45	7.82	30
305047	T47	8.1	30
305050	T50	8.83	30
305055	T55	11.22	30
305060	T60	13.25	30
305070	T70	15.51	30
305080	T80	17.54	30
305090	T90	19.92	30
305100	T100	22.13	30



5/16"
DIN 3126-D8
ISO 1173



S2
quality



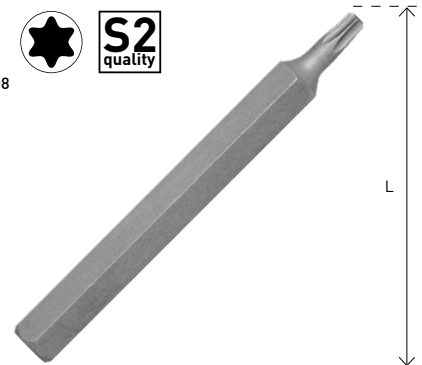
5/16" Bit 70 mm for TX screws

Art.		 mm	L mm
315015	T15	3.3	70
315020	T20	3.8	70
315025	T25	4.4	70
315027	T27	5.0	70
315030	T30	5.5	70
315040	T40	6.6	70
315045	T45	7.82	70
315050	T50	8.83	70
315055	T55	11.22	70
315060	T60	13.25	70
315070	T70	15.51	70
315080	T80	17.54	70
315090	T90	19.92	70
315100	T100	22.13	70

5/16"
DIN 3126-D8
ISO 1173





S2
quality



5/16" Bit 30 mm for TX screws

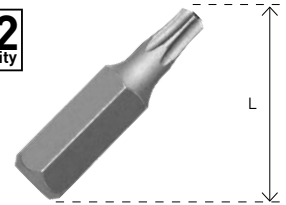
with bore hole at the tip, for normal TX screws and tamperproof TX screws

Art.		 mm	L mm
305310	T10	2.7	30
305315	T15	3.3	30
305320	T20	3.8	30
305325	T25	4.4	30
305327	T27	5.0	30
305330	T30	5.5	30
305340	T40	6.6	30
305345	T45	7.82	30
305350	T50	8.83	30
305355	T55	11.22	30
305360	T60	13.25	30
305370	T70	15.51	30



5/16"
DIN 3126-D8
ISO 1173



S2
quality

**5/16" Bit 70 mm for TX screws**

with bore hole at the tip, for normal TX screws and tamperproof TX screws


Art.		 mm	L mm
315320	T20	3.8	70
315325	T25	4.4	70
315327	T27	5.0	70
315330	T30	5.5	70
315340	T40	6.6	70
315345	T45	7.82	70
315350	T50	8.83	70
315355	T55	11.22	70
315360	T60	13.25	70

5/16"
DIN 3126-D8
ISO 1173



S2
quality

**5/16" Bit 30 mm for hexagon socket screws**

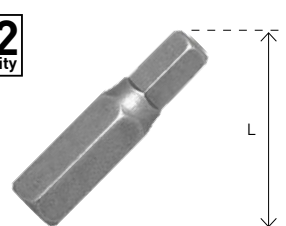
Art.	 mm	L mm
306003	3	30
306004	4	30
306005	5	30
306006	6	30
306007	7	30
306008	8	30
306010	10	30
306012	12	30
306014	14	30

5/16"
DIN 3126-D8
ISO 1173




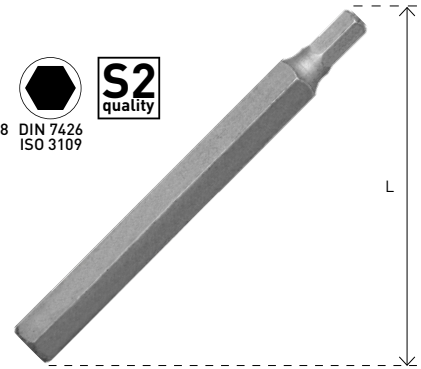
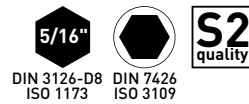
DIN 7426
ISO 3109

S2
quality




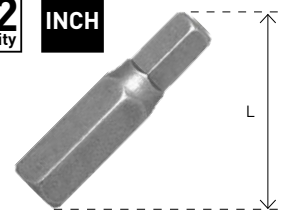
5/16" Bit 70 mm for hexagon socket screws

Art.	 mm	L mm
316004	4	70
316005	5	70
316006	6	70
316007	7	70
316008	8	70
316010	10	70
316012	12	70




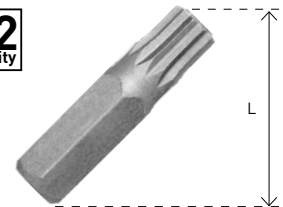
5/16" Bit 30 mm for inch hexagon socket screws

Art.	 inch	L mm
306501	1/8"	30
306502	5/32"	30
306503	3/16"	30
306504	7/32"	30
306505	1/4"	30
306507	5/16"	30
306509	3/8"	30




5/16" Bit 30 mm for XZN spline screws

Art.	 XZN	L mm
348005	M5	30
348006	M6	30
348008	M8	30
348010	M10	30
348012	M12	30





5/16" Bit 70 mm for XZN spline screws

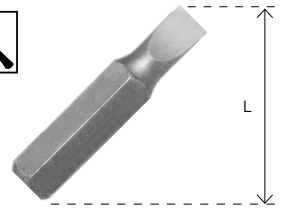
Art.	 XZN	L mm
349005	M5	70
349006	M6	70
349008	M8	70
349010	M10	70
349012	M12	70



5/16" Impact bit 36 mm for slotted screws

Art.	 mm	 mm	L mm
2035F06	1	6	36
2035F08	1.2	8	36
2035F10	1.6	10	36
2035F12	2	12	36

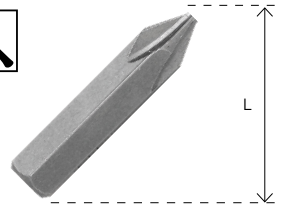
5/16"
DIN 3126-D8
ISO 1173



5/16" Impact bit 36 mm for Phillips screws

Art.	 mm	L mm
2035PH1	PH 1	36
2035PH2	PH 2	36
2035PH3	PH 3	36
2035PH4	PH 4	36

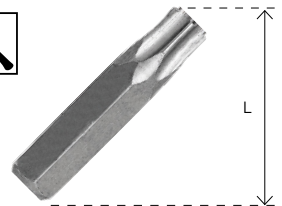
5/16"
DIN 3126-D8
ISO 1173



5/16" Impact bit 36 mm for TX screws

Art.	 mm	L mm
2035T30	T30	36
2035T40	T40	36
2035T45	T45	36
2035T50	T50	36

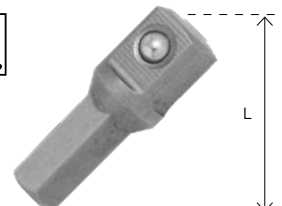
5/16"
DIN 3126-D8
ISO 1173



5/16" Impact adapter bit for sockets 3/8"

Art.	 mm	 mm	L mm
2035B38	5/16"	3/8"	36

5/16"
DIN 3126-D8
ISO 1173



Coupler for bits

Chrome-plated and polished
Chrome vanadium

Art.	\emptyset mm	 mm	 mm	L mm
2760	12	1/4"	1/4"	25

1/4"

1/4"



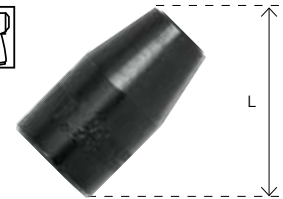
Coupler for bits

Art.				L mm
2761		3/8"	1/4"	25
211516		3/8"	5/16"	29
311516		1/2"	5/16"	38



Impact adapter

Art.		∅ mm			L mm
2035A12		22	5/16"	1/2"	38





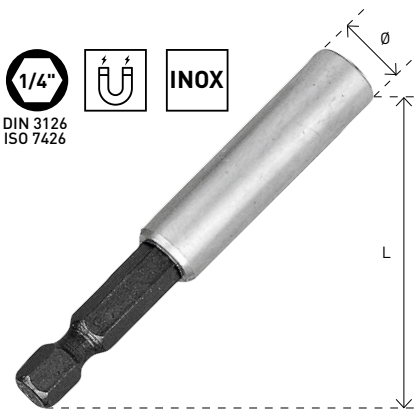
Bit-adapter

Art.		∅ mm			L mm
2694		10	1/4"	1/4"	20



1/4" Magnetic bit-holder

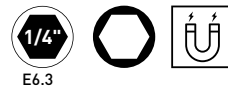
Art.		∅ mm			L mm
2750		10	1/4"	1/4"	60
2750-1		10	1/4"	1/4"	60
2764		10	1/4"	1/4"	142



1/4" Adjustable magnetic fixing bit-holder

Art.		∅ mm			L mm
3750		15	1/4"	1/4"	58

DIN 3126

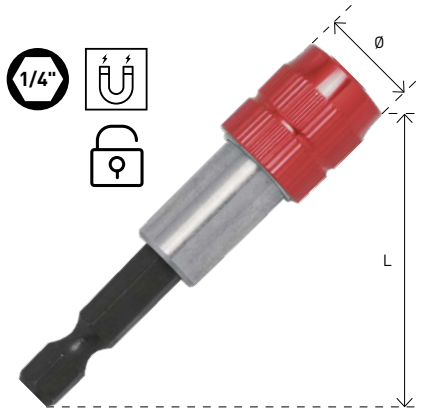


5.12. BITS / PULLER / HOOK & BOLT EXTRACTOR

1/4" Magnetic quick release bit-holder



DIN 3126

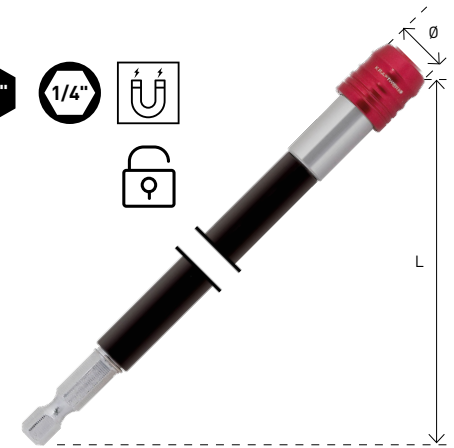
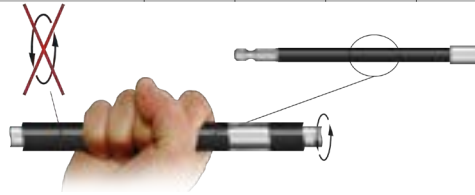
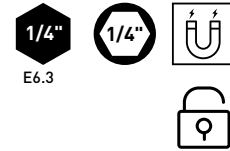
Art.	∅ mm			L mm
2765	15	1/4"	1/4"	60
2765-1	15	1/4"	1/4"	60



1/4" Magnetic quick release bit-holder

DIN 3126

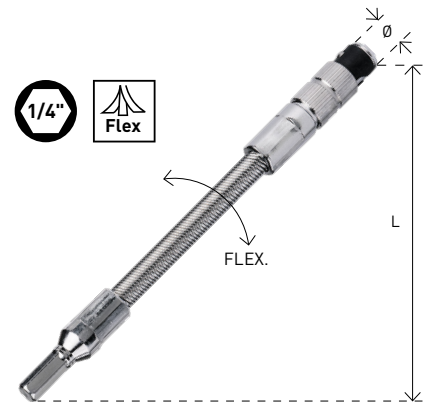
Art.	∅ mm			L mm
3766	15	1/4"	1/4"	150
3767	15	1/4"	1/4"	300
3768	15	1/4"	1/4"	450
3769	15	1/4"	1/4"	600



Flexible extension bar for bits

DIN 3126

Art.	∅ mm			L mm
107140	10	1/4"	1/4"	145



1/4" Angle screw attachment

Art.			L mm
2768	1/4"	1/4"	135



max. 15 Nm

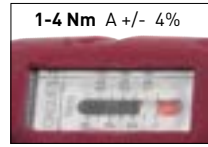
max. 400 rpm



1/4" Torque bit-screwdriver

DIN 6789

Art.			Nm ←->	L1 mm	L2 mm
2039		1/4"	1-4	32	180



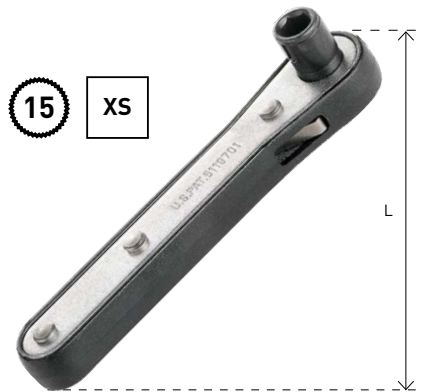
1/4" Fine teeth reversible bit ratchet handle

Art.			L mm
3799		1/4"	95



1/4" Mini reversible bit ratchet handle

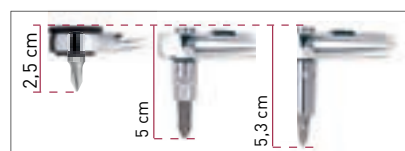
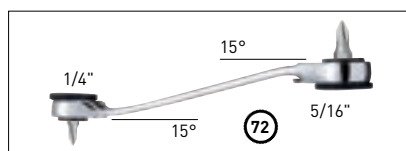
Art.			L mm
2700		1/4"	100



Fine teeth bit ratchet handle

2 reversible 15° offset heads, for direct drive of 1/4" and 5/16" bits

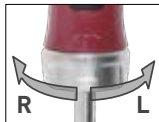
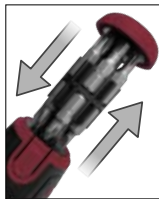
Art.				L mm
4070		1/4"	5/16"	130



5.12. BITS / PULLER / HOOK & BOLT EXTRACTOR

Ratchet screwdriver 12-in-1 function, 13 pcs.

- 1 ratchet screwdriver
- Bit assortment 6.35 x 25 mm integrated in the handle, 12 pcs.
- 3 pcs. 4 - 5 - 6 mm
- 3 pcs. PH1 - PH2 - PH3
- 3 pcs. T15 - T20 - T25
- 3 pcs. H3 - H4 - H5



121
IN



Art.			L mm
306.378.001	1/4"	1/4"	215



35 x 215 x 40 mm

Practical Spinner Handle with two essential functions

- With square socket for 6.3 mm 1/4" socket wrench inserts
- With hexagon holder for 6.3 mm 1/4" bits
- With a modern multi-component handle for ergonomic and comfortable work
- Overall length: 120 mm
- Blade length: 110 mm



Art.			L mm
306.378.005	1/4"	1/4"	220



37 x 220 x 35 mm

Ratchet screwdriver set 1/4", 53 pcs.

with color ring, S2 steel

- 1 pc. ratchet T handle bits driver
- 1 pc. 100 mm magnetic holder
- 1 pc. 120 mm spring tube
- 1 pc. precision bits driver
- 1 pc. 60 mm precision bits driver

Bits (1/4" x 25 mm)

- 4 pcs. PH: NO. 0-1-2-3
- 4 pcs. PZ: NO. 0-1-2-3
- 4 pcs. SL: 3 - 4 - 5 - 6 mm
- 4 pcs. HEX: 3 - 4 - 5 - 6 mm
- 7 pcs. TX: T10 - T15 - T20 - T25 - T27 - T30 - T40

1 pc. adaptor

Precision bits (4 x 28 mm)

- 4 pcs. SL: 1 - 1.5 - 2 - 2.5 mm
- 2 pcs. PZ: No. 000-00
- 6 pcs. TX: T4 - T5 - T6 - T7 - T8 - T9
- 6 pcs. Hex: 0.7 - 0.9 - 1.3 - 1.5 - 2.0 - 2.5 mm
- 6 pcs. 1/4" socket: 5 - 6 - 7 - 8 - 9 - 10



Art.		
306.378.002	1/4"	1/4"



100 x 155 x 50 mm



1/4" Ratchet screwdriver bits and sockets set, 25 pcs.

- S2 steel
- 1 pc. ratchet Screwdriver handle
- 1 pc. magnetic Holder
- Bits (6.35 x 25 mm)
- 3 pcs. PH: 1 - 2 - 3
- 3 pcs. PZ: 1 - 2 - 3
- 4 pcs. SL: 3 - 4 - 5 - 6 mm
- 3 pcs. HEX: 4 - 5 - 6 mm
- 4 pcs. TX: T10 - T15 - T20 - T25
- 1 pc. adaptor
- 5 pcs. 1/4" socket: 5 - 6 - 7 - 8 - 9 mm

Art.		
306.378.003	1/4"	1/4"



145 x 95 x 38 mm

Professional impact screwdriver bits set, 29 pcs.

Impact torsion bits with S2 Steel 1/4", 25 mm
The impact bits with precision-manufactured tip provide a better fit than conventional bits.
The bits can be sorted individually thanks to a clip-in and clip-out mechanism.

- 6 pcs. PH: 1 - 2 - 2 - 2 - 2 - 3
- 1 pc. PZ2
- 1 pc. TX T20

- Impact torsion bits, 50 mm
- 6 pcs. PH: 1 - 2 - 2 - 2 - 2 - 3
- 2 pcs. PZ: 2 - 2
- 4 pcs. TX: T10 - T15 - T20 - T25

- Impact torsion bits, 89 mm
- 3 pcs. PH: 2 - 2 - 3
- 1 pc. PZ2
- 3 pcs. 65 mm nuts: M6 - M8 - M10
- 1 pc. 60 mm stainless steel bit holder
- 1 pc. 50 mm 3/8" bit holder



Art.		
306.378.004	1/4"	3/8"






238 x 230 x 47 mm

5.12. BITS / PULLER / HOOK & BOLT EXTRACTOR

1/4" bit box, 11 pcs.

Round box with practical removal option

- 2  PZ 1-2
- 7  T10-T15-T20-T25-T27-T30-T40
- 1  4 mm

 Art. 2750





Art.		 L mm
2780	1/4"	25

**S2**
quality

Ø 50 × 67 mm

1/4" bit box, 11 pcs.

Round box with practical removal option

- 3  4.5-5.5-6.5 mm
- 3  PH 1-2-3
- 2  PZ 1-2
- 2  4-5 mm

 Art. 2750






Art.		 L mm
2783	1/4"	25

**S2**
quality

Ø 50 × 67 mm

1/4" bit box, 19 pcs.

Round box with practical removal option

- 2  4-5.5-6.5 mm
- 2  PH 1-2
- 3  PZ 1-2-3
- 6  T10-T15-T20-T25-T30-T40
- 4  3-4-5-6 mm

 Art. 2750






Art.		 L mm
2786	1/4"	25

**S2**
quality

Ø 81 × 50 mm

1/4" bit box, 19 pcs.

Round box with practical removal option

- 3  4-5.5-6.5 mm
- 2  PH 1-2
- 3  PZ 1-2-3
- 6  T10-T15-T20-T25-T30-T40
- 4  3-4-5-6 mm

 Art. 2750

Art.		 L mm
2790	1/4"	50

**S2**
quality

Ø 83 × 60 mm

1/4" Bit set for TX screws, 7 pcs.

with bore hole at the tip, for normal TX screws and tamperproof TX screws



Art.			 L mm
2758	1/4"	T10-T15-T20-T25-T27-T30-T40	25









13 × 57 × 28 mm

1/4" Aluminium bit box, 36 pcs.

with the double composition of TX and Pozidriv bits



- 3  4-4.5-5.5 mm
- 3  PH 1-2-3
- 6  2×PZ1 - 2×PZ2 - 2×PZ3
- 12  T10 - T15 - 2×T20 - 2×T25 - 2×T27 - 2×T30 - 2×T40
- 6  T10-T15-T20-T25-T27-T30
- 4  3-4-5-6 mm



Art. 3765 



Art.		 L mm
3782-1	1/4"	25








C6.3
DIN 3126
ISO 1173

34 × 108 × 78 mm

1/4" Bit box, 33 pcs.

with quick release bit-holder

- 6  4-4.5-5.5-6-6.5-8 mm
- 3  PH 1-2-3
- 6  2×PZ1 - 2×PZ2 - 2×PZ3
- 12  2×T10 - 2×T15 - 2×T20 - 2×T25 - 2×T30 - 2×T40
- 4  3-4-5-6 mm



Art. 2765



Art.		 L mm
3788	1/4"	25









C6.3
DIN 3126
ISO 1173

30 × 108 × 56 mm

5.12. BITS / PULLER / HOOK & BOLT EXTRACTOR

1/4" Universal bit box, 33 pcs.

with quick release bit-holder

- 6  4-4.5-5.5-6-6.5-8 mm
- 3  PH 1-2-3
- 3  PZ 1-2-3
- 6  T10-T15-T20-T25-T30-T40
- 6  T10-T15-T20-T25-T30-T40
- 4  3-4-5-6 mm


 Art. 2765

Art.		 L mm
3789	1/4"	25









 C6.3
 DIN 3126
 ISO 1173



30 × 108 × 56 mm

**1/4" Special bit box, 33 pcs.**

with security bits for all common security screws and quick release bit-holder

- 9  T8-T10-T15-T20-T25-T27-T30-T35-T40
- 6  2-2.5-3-4-5-6 mm
- 6  5/64"-3/32"-7/64"-1/8"-9/64"-5/32"
- 3  Nos. 6-8-10
- 4  Nos. 1-2-3-4
- 4  Nos. 4-6-8-10



Art. 2765

Art.		 L mm
3786	1/4"	25









 C6.3
 DIN 3126
 ISO 1173




30 × 108 × 56 mm

**1/4" Bit box with countersink-bit, 33 pcs.**

- 4  4.5-5.5-6.5-8 mm
- 4  PH 1-2×2-3
- 4  PZ 1-2×2-3-4
- 7  T10-T15-T20-2×T25-T30-T40
- 7  T10-T15-T20-2×T25-T30-T40
- 4  3-4-5-6 mm

12,4 mm


 Art. 2765

Art.		 L mm
306.378.000	1/4"	25



 C6.3
 DIN 3126
 ISO 1173



30 × 108 × 56 mm



1/4" Universal bit box, 61 pcs.
with quick release bit-holder

- 6 4-4.5-5.5-6-6.5-8 mm
- 5 PH1 - 2xPH2 - PH3 - PH4
- 6 2xPZ1 - 2xPZ2 - PZ3 - PZ4
- 30 3xT10 - 3xT15 - 6xT20 - 6xT25 - 6xT30 - 6xT40
- 7 T10-T15-T20-T25-T27-T30-T40
- 6 3-4-5-6-7-8 mm



Art.		L mm
3787	1/4"	25

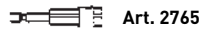
1/4"
C6.3
DIN 3126
ISO 1173

S2
quality

32 x 101 x 90 mm

1/4" Universal bit box, 61 pcs.
with quick release bit-holder

- 6 4-4.5-5.5-6-6.5-8 mm
- 4 PH 1-2-3-4
- 4 PZ 1-2-3-4
- 8 T8-T10-T15-T20-T25-T27-T30-T40
- 8 T8-T10-T15-T20-T25-T27-T30-T40
- 6 3-4-5-6-7-8 mm
- 6 2-2.5-3-4-5-6 mm
- 6 5/64"-3/32"-7/64"-1/8"-9/64"-5/32"
- 4 Nos. 1-2-3-4
- 3 Nos. 6-8-10
- 4 Nos. 4-6-8-10



Art.		L mm
3777	1/4"	25

1/4"
C6.3
DIN 3126
ISO 1173

S2
quality

32 x 101 x 90 mm

1/4" Bit box, 38 pcs.

2-component box with stainless steel bit-holder and magnetic bitholder with special bit quick release function



- 4 4-5.5-6-6.5 mm
- 5 PH0 - PH1 - 2xPH2 - PH3
- 4 PZ1 - 2xPZ2 - PZ3
- 11 T10 - 2xT15 - 2xT20 - 2xT25 - T27 - 2xT30 - T40
- 7 T10-T15-T2x0-T25-T27-T30-T40
- 4 3-4-5-6 mm



Art.		L mm
3795	1/4"	25

1/4"
C6.3
DIN 3126
ISO 1173


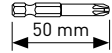






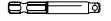

S2
quality

35 x 129 x 72 mm

5.12. BITS / PULLER / HOOK & BOLT EXTRACTOR

1/4" Long bit box, 24 pcs.

2-component box with 50 mm long bits

-   3  4.5-5.5-6.5 mm
 - 2  PH 1-2
 - 4  PZ1 - 2xPZ2 - PZ3
 - 10  T10 - T15 - 2xT20 - 2xT25 - T27 - 2xT30 - T40
 - 4  3-4-5-6 mm
-   



Art.		
3794	1/4"	50

















1/4"
C6.3
DIN 3126
ISO 1173


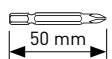









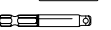

S2
quality


35 x 129 x 72 mm

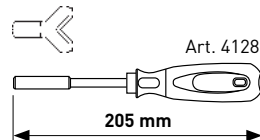
1/4" Universal bit case, 138 pcs.

with all current, special and security bits. Universal bit-screwdriver with 2-component handle

-   6  4-4.5-5.5-6-6.5-8 mm
- 6  2xPH1 - 2xPH2 - 2xPH3
- 6  2xPZ1 - 2xPZ2 - 2xPZ3
- 28  2xT8 - 2xT10 - 2xT15 - 5xT20 - 6xT25 - 3xT27 - 4xT30 - 4xT40
- 16  2xT8 - 2xT10 - 2xT15 - 2xT20 - 2xT25 - 2xT27 - 2xT30 - 2xT40
- 15  TS10 - 2xTS15 - 2xTS20 - 3xTS25 - 2xTS27 - 3xTS30 - 2xTS40
- 5  3-4-5-6-8 mm
- 3  3-4-5 mm
- 3  Nos. 6-8-10
- 3  Nos. 1-2-3
- 4  Nos. 4-6-8-10
- 2  Nos. 1-2
- 3  M5-M6-M8
- 4  Nos. 1-2-3-4

-   3  4-5.5-6.5 mm
 - 3  PH 1-2-3
 - 3  PZ 1-2-3
 - 7  T10-T15-T20-T25-T27-T30-T40
 - 2  3-6 mm
-    Art. 2750
-   

- 10  4-5-6-7-8-9-10-11-12-13 mm



Art.			
2778	1/4"	25	50

1/4"
C6.3
DIN 3126
ISO 1173

1/4"
C6.3

220 x 150 x 50 mm

1/4" + 5/16" TRIBIT bit tool case, 55 pcs.

with the TRIBIT ratchet handle, reverse function on both sides, 15° offset heads, for the direct drive of bits 1/4" and 5/16" and 1/4" dr. sockets. Universal composition with 53 bits and socket adapter 1/4" drive.



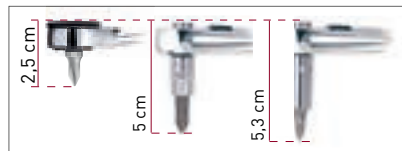
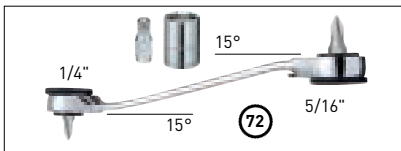
- | | | | | | |
|-------------|---|----------------------------|--------------|---|---------------------|
| 1/4" | 3 | 4-5.5-6.5 mm | 5/16" | 3 | 8-10-12 mm |
| | 3 | PH 0-1-2 | | 2 | PH 3-4 |
| | 3 | PZ 0-1-2 | | 2 | PZ 3-4 |
| | 7 | T8-T10-T15-T20-T25-T27-T30 | | 5 | T40-T45-T50-T55-T60 |
| | 7 | T8-T10-T15-T20-T25-T27-T30 | | 5 | T40-T45-T50-T55-T60 |
| | 6 | 3-4-5-6-7-8 mm | | 3 | 10-12-14 mm |
| | ○ | 5/16" □ 1/4" | | 4 | M6-M8-M10-M12 |

Art.		
4072	1/4" + 5/16"	25

1/4" **5/16"** **S2 quality**

C6.3 DIN 3126-D8
DIN 3126 ISO 1173

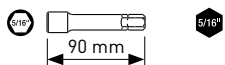
163 x 150 x 50 mm



5/16" Special bit- and socket set, 37 pcs.

for TX, XZN-spline and RIBE-screws

- | | | |
|--|----|---|
| | 3 | E6-E7-E8 |
| | 6 | E10-E11-E12-E14-E16-E18 |
| | | |
| | 10 | T10-T15-T20-T25-T27-T30-T40-T45-T50-T55 |
| | 5 | M4-M6-M8-M10-M12 |
| | 10 | M4-M5-M6-M7-M8-M9-M10-M12-M13-M14 |



Art.		
3792	5/16"	30





1/4" **3/8"** **1/2"** **5/16"** **S2 quality** **CrV**

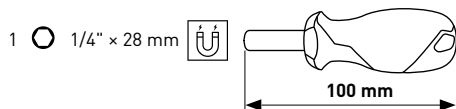
DIN 3126-D8
ISO 1173


221 x 114 x 45 mm

1/4" Stubby magnetic bit-holder set, 13 pcs.

The compact bit set for on the go

- 3  4.5-5.5-6.5 mm
- 3  PH 1-2-3
- 3  PZ 1-2-3
- 3  T20-T25-T30







Art.		 L mm			
306.010.001	1/4"	25			115 x 65 x 43 mm




5/16" Impact driver set, 23 pcs.





for easy loosening of blocked or rusted screws and nuts

- 4  6-8-10-12 mm
- 4  PH 1-2-3-4
- 4  T30-T40-T45-T50

 Art. 2035A12

 Art. 2035B38



Art.		 L mm	 5/16" 	DIN 3126-D8 ISO 1173	58 × 216 × 102 mm
2035	5/16"	25			

Impact driver

for the set 2035



Art.		L mm	 
2035S	1/2"	143	





5/16" Impact driver set, 23 pcs.

for easy loosening of blocked or rusted screws and nuts

-   4  6-8-10-12 mm
- 4  PH 1-2-3-4
- 4  PZ 1-2-3-4
- 4  T30 - 2×T40 - T45
- 5  4-5-6-8-10 mm

   3/8"



Art.		 L mm	 5/16" 	DIN 3126-D8 ISO 1173	114 × 221 × 45 mm
2036	5/16"	36			

5.12. BITS / PULLER / HOOK & BOLT EXTRACTOR

Screw extractor

For extracting broken Screws and tube endings of fittings
 Milled groove design
 Optimized geometry

Art.	No.	<-->		Ø mm	L mm
3059-1	1	M3-M6	1/8-1/4"	2.5	52
3059-2	2	M6-M8	1/4-5/16"	3	57
3059-3	3	M8-M11	5/16-7/16"	4	65
3059-4	4	M11-M14	7/16-9/16"	6	75
3059-5	5	M14-M18	9/16-3/4"	8	80
3059-6	6	M18-M24	3/4-1"	11	98



Screw extractor set, 6 pcs.

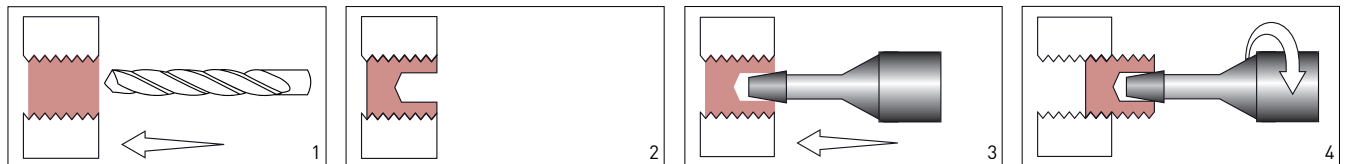
Art.	No.	<-->
3059	1-2-3-4-5-6	M3-M24



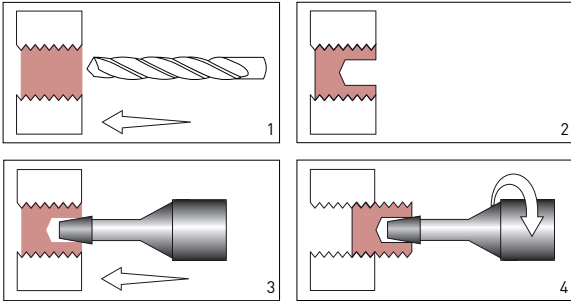
144 x 143 x 25 mm

Bolt twister

Art.	□	Ø mm	L mm
3057-02	3/8"	2	60
3057-03	3/8"	3	60
3057-04	3/8"	4	60
3057-05	3/8"	5	60
3057-06	3/8"	6	60
3057-07	3/8"	7	60
3057-08	1/2"	8	78
3057-10	1/2"	10	78
3057-12	1/2"	12	78
3057-14	1/2"	14	78
3057-16	1/2"	16	78



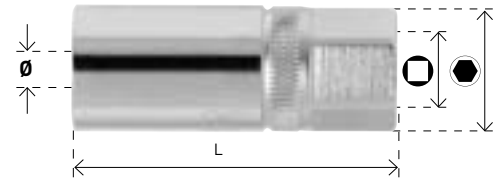
3/8"+1/2" Impact bolt twister set, 11 pcs.



Art.		3/8" Ø mm	1/2" Ø mm
3057		2-3-4-5-6-7	8-10-12-14-16

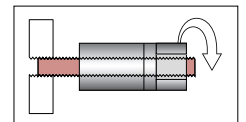


167 × 232 × 54 mm



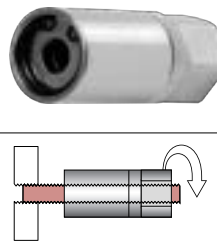
Stud puller

Art.		mm	Ø inch	mm	L mm
3060-06	1/2"	6	1/4"	21	60
3060-08	1/2"	8	5/16"	21	60
3060-10	1/2"	10	3/8"	21	69
3060-12	1/2"	12	7/16"	21	69



1/2" Stud puller set, 4 pcs.

Art.		mm	Ø inch
3060		6-8-10-12	1/4" - 5/16" - 3/8" - 7/16"



123 × 221 × 45 mm

5.12. BITS / PULLER / HOOK & BOLT EXTRACTOR

1/2" Twist socket

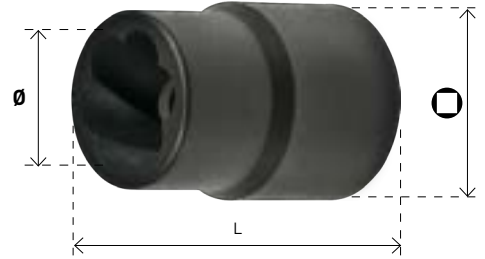
For loosening defective nut or bolt heads


Spiral profile

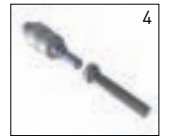
Internal square drive according to DIN 312 - C 1, ISO 1174

Chrome-molybdenum steel

Suitable for impact wrenches



Art.		Ø mm	L mm
3058-10	1/2"	10	34
3058-11	1/2"	11	34
3058-12	1/2"	12	34
3058-13	1/2"	13	34
3058-14	1/2"	14	34
3058-15	1/2"	15	34
3058-16	1/2"	16	34
3058-17	1/2"	17	34
3058-19	1/2"	19	34



1/2" Twist socket set, 10 pcs



Art.	Ø mm
3058	10-11-12-13-14-15-16-17-19

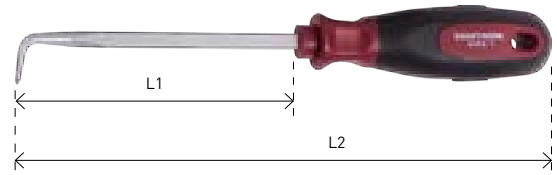


164 x 120 x 52 mm

Cotter pin puller

ERGOKRAFT

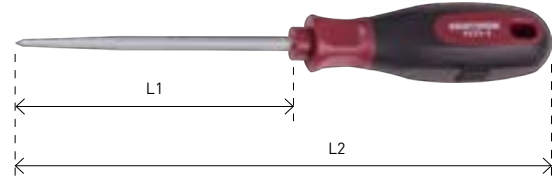
Art.	L1 mm	L2 mm
4322-1	127	230



Scraper awl

ERGOKRAFT

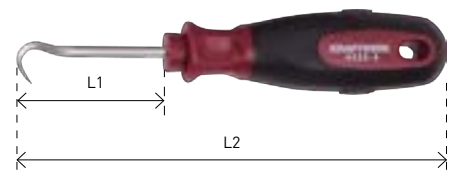
Art.	L1 mm	L2 mm
4322-2	120	225



Mini full hook

ERGOKRAFT

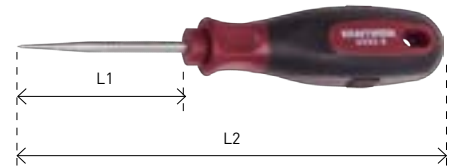
Art.	L1 mm	L2 mm
4322-4	50	130



Mini straight pick

ERGOKRAFT

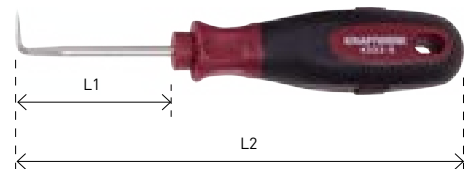
Art.	L1 mm	L2 mm
4322-5	60	140



Mini hook 90°

ERGOKRAFT

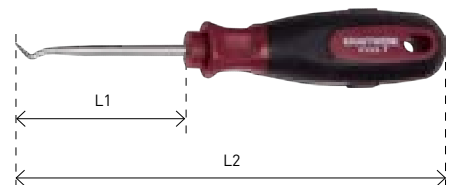
Art.	L1 mm	L2 mm
4322-6	50	130



Mini small angle hook

ERGOKRAFT

Art.	L1 mm	L2 mm
4322-7	60	140



Remover and pick set, 7 pcs.

ERGOKRAFT

Art.
4322





PNEUMATICS, HYDRAULICS / LIFTING TOOLS

6.1. PNEUMATICS



383 - 387

6.2. HYDRAULICS / LIFTING TOOLS



388 - 392



6.1. PNEUMATICS**Air blow gun**

With turbo power nozzle and progressive airflow increment

With connection thread 1/4" BSP

Max. flow 467 l / min.

Inlet pressure 14 bar

Sound pressure level <85 dBA

Art.	-- L mm
31032	260

**Air blow gun**

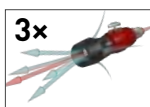
With turbo power nozzle and progressive airflow increment

With connection thread 1/4" BSP

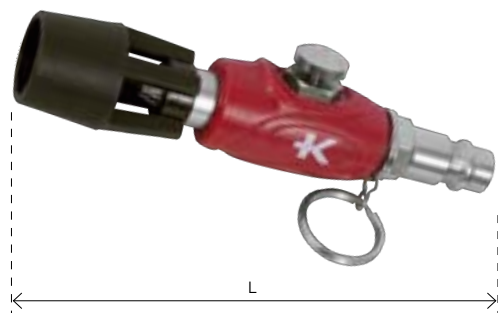
Max. flow 184 l / min.

Inlet pressure 8 bar

Sound pressure level <88 dBA



Art.	-- L mm
31033	108

**Air blow gun**

For blowing out and cleaning with air pressure control

With turbo power nozzle and progressive airflow increment

With connection thread 1/4" BSP

Max. flow 132 l / min.

Inlet pressure 14 bar

Sound pressure level <75 dBA

Art.	-- L mm
31030	320

**Air blow gun**

For blowing out and cleaning with air pressure control

With extractable and rotatable nozzle

With connection thread 1/4" BSP

Max. flow 620 l / min.

Inlet pressure 8 bar

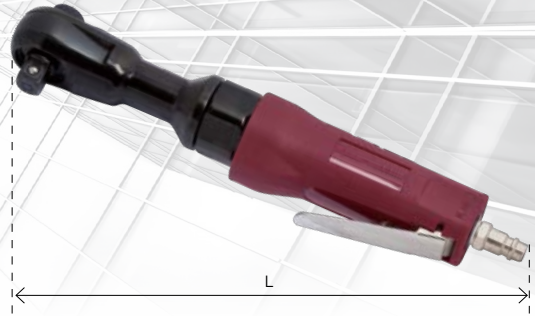
Sound pressure level <77 dBA

Art.	-- L mm
402.031.031	200



Air reversible ratchet

One hand operation
Cold insulated ergonomic handle
Air exhaust through the handle
Max. tightening torque: 68 Nm
Max. loosening torque: 60 Nm
Noise power level: 90 dBA
Recommended working pressure: 6.3 bar (90 PSI)
Recommended hose diameter: 3/8" (10 mm)



Art.	□	-- L mm	Δ kg
31012	3/8"	260	1.3
31013	1/2"	260	1.3

Top-class stubby impact wrench 1/2"

Heavy duty jumbo hammer gear
Breakaway torque: max 1.149 Nm
Reverse torque: max. 920 Nm
One hand left/right operation
Air exhaust through the handle
3-step adjustable
Aluminium housing
Special short design with 97 mm only
Compact and lightweight design, 1.65 kg



Art.	□	-- L mm
3833	1/2"	187

Top-class impact wrench 1/2"

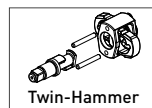
Heavy duty twin hammer gear for max. torque of 744 Nm
Reverse torque from 140 - 680 Nm
3 levels adjustable
With aluminium housing
Compact and lightweight construction, 1.6 kg
One-hand operation for left/right rotation
Air outlet through the handle



Art.	□	-- L mm
3834	1/2"	182

Industrial impact wrench 1/2"

Double hammer impulse device
Lightweight and well-balanced for enhanced ease of use Reversible lever
Exhaust through handle
Breakaway torque: max 1.486 Nm
Reverse torque: max. 810 Nm
One hand left/right operation
3 steps adjustable
Air exhaust through the handle
Impact-resistant composite housing
Weight 1.9 kg

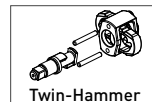


Art.	□	-- L mm
3837	1/2"	450

6.1. PNEUMATICS

Industrial impact wrench 3/4"

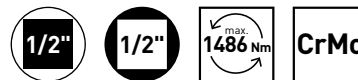
With aluminium housing
 Double hammer impulse device
 Breakaway torque: max. 1.830 Nm
 Reverse torque: max. 1.220 Nm
 One hand left/right operation
 4 steps adjustable
 Air exhaust through the handle
 Weight 3,4 kg



Art.	■	→ L mm
3838	3/4"	182

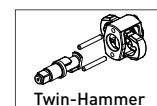
Air impact wrench set 1/2", 24 pcs.

1/2" impact sockets
 Very robust
 For standard electric and air tools
 Chrome molybdenum steel
 1/2" industrial impact wrench
 Double hammer impulse device
 Breakaway torque: max 1.486 Nm
 Reverse torque: max. 810 Nm
 One hand left/right operation
 3 steps adjustable
 Air exhaust through the handle
 Impact-resistant composite housing



- 12 10-11-13-14-15-17-19-21-22-23-24-27 mm
- 3 23-24-27 mm
- 5 15-17-19-21-22 mm
- 125 mm
- 65 mm
-

Art.	■ □	☐ + mm
3837K	1/2"	410 x 270 x 90



Air die grinder

Lightweight and compact construction with ergonomic handle, cold insulating and low in vibration. Adjustable rear air outlet (prevents from raising dust). Safety lever and variable speed regulation. Ideal for grinding, deburring, milling and engraving.

Mini air die grinder

For grinding, polishing and deburring
Straight and compact design
For working in difficult areas
One-hand operation
Infinitely variable speed control
Cold-insulated and ergonomic handle
Chuck: 3 and 6 mm
Sound power level: 80 dBA
Recommended working pressure: 6.3 bar (90 PSI)
Recommended hose diameter: 3/8" (10 mm)
Total length: 155 mm
Weight: 0.4 kg



Art.	→ L mm
3840	155

Mini air grinder set, 15 pcs.

For grinding, polishing, burnishing and deburring
Incl. various grinding stones, two collets and mounting tool
Straight and compact design
For working in difficult areas
One hand operation
Stepless speed regulation
Cold insulated ergonomic handle
Chuck: 3 or 6 mm
Noise power level: 80 dBA
Recommended working pressure: 6.3 bar (90 PSI)
Recommended hose diameter: 3/8" (10 mm)
Total length: 155 mm
Weight: 1 kg



Art.	📦 ± mm
3840K	185 × 250 × 60

Compressed air rod grinder 1/4"

For grinding, polishing and deburring

Idle speed: 2600 rpm

Noise level: 88 dBA

Hose connection: 1/4"

Hose diameter: 3/8" / 10 mm

Working pressure: max. 6.2 bar

Art.	-- L mm
3843	223

**Mini air angled grinder**

For grinding, polishing, burnishing and deburring

Angled and compact design

For working in difficult areas

One hand operation

Stepless speed regulation

Cold insulated ergonomic handle

Extremely lightweight

Chuck: 3 or 6 mm

Air connection: 1/4"

Noise power level: 86 dBA

Recommended working pressure: 6.3 bar (90 PSI)

Recommended hose diameter: 3/8" (10 mm)

Total length: 155 mm

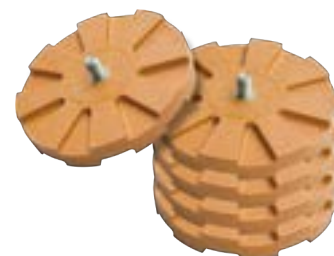
Weight: 0,7 kg

Art.	-- L mm
3842	234

**Rubber eraser, 5 pcs.**

Max. 4000 RPM

Art.
3843RE

**Automatic air hose reel**

The housing can be swivelled up to 180°C, with automatic return

spring and locking system




Housing material: PP

Reinforced hose made from Hybrid Polymer

Working pressure up to 18 bar

Temperature: -5°C to 45°C

With wall mounting

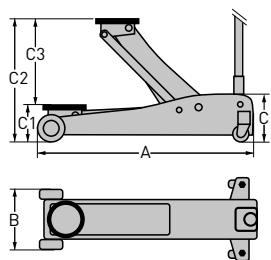
Art.		± mm			Δ kg
31041	15+1 m	390 × 210 × 320	9.5	14.5	5.5
31042	20+2 m	480 × 240 × 420	9.5	14.5	10
31043	30+2 m	510 × 260 × 460	9.5	15.5	14.5





Hydraulic trolley jack, 2 t

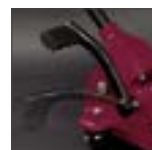
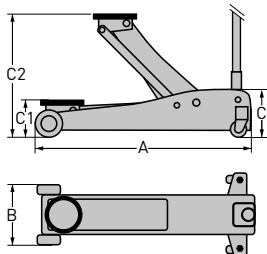
Compact and flat design with practical carrying handle
Lifting range from 76 - 510 mm
Quick lift (until charge-point)



Art.	A mm	B mm	C mm	C1 mm	C2 mm	C3 mm	ΔT kg
38102	1006	365	136	min. 76	max. 510	434	42

6.2. HYDRAULICS / LIFTING TOOLS**Hydraulic trolley jack, 3 t**

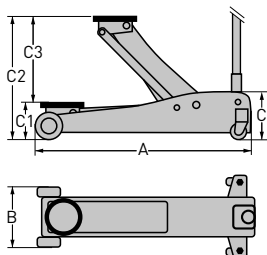
With quick lifting foot pedal
Lifting range from 145 - 500 mm



Art.	A mm	B mm	C mm	C1 mm	C2 mm	$\Delta\Delta$ kg
38101	685	346	180	min. 145	max. 500	37.2

Hydraulic trolley jack, 5 t

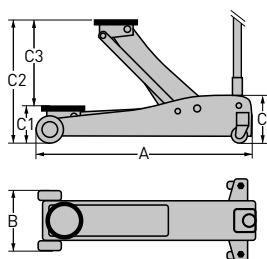
Robust design
Quick lifting foot pedal
Lifting height from 150 - 560 mm



Art.	A mm	B mm	C mm	C1 mm	C2 mm	C3 mm	$\Delta\Delta$ kg
38105	1342	271	170	min. 150	max. 560	410	85

Hydraulic trolley jack, 2 t

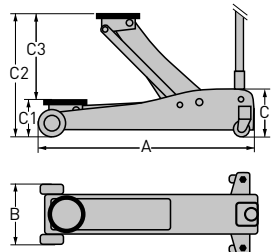
Load capacity: 2 t
Compact and flat design with practical carrying handle
Lifting range from 85 - 380 mm



Art.	A mm	B mm	C mm	C1 mm	C2 mm	C3 mm	$\Delta\Delta$ kg
38110	1342	271	170	min. 150	max. 560	410	85

Hydraulic trolley jack, 2 t

Extra low profile and long design for work with low ground clearance
Lifting range from 75 - 505 mm
Quick lift (until charge-point)

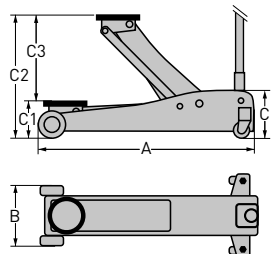


Art.	A mm	B mm	C mm	C1 mm	C2 mm	C3 mm	ΔT kg
38112	740	360	150	min. 75	max. 505	430	32.2

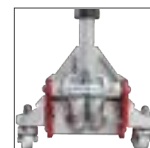


Hydraulic workshop trolley jack, 2.5 t

Double piston pump system for fast lifting
Lifting height from 100 - 460 mm
Side plates made of anodized aluminum
Lifting arm made of solid steel
Pump lever with rubberized vehicle protection
Special steel fixed wheels
2 carrying and manoeuvring handles

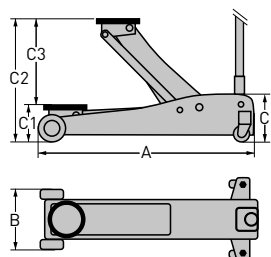


Art.	A mm	B mm	C mm	C1 mm	C2 mm	C3 mm	ΔT kg
3981-NE	672	289	165	min. 100	max. 460	360	26.4



Hydraulic trolley jack, 3 t

Extra low profile and long design for work with low ground clearance
Lifting range from 65 - 510 mm
Quick lift (until charge-point)



Art.	A mm	B mm	C mm	C1 mm	C2 mm	C3 mm	ΔT kg
38113	765	270	165	min. 70	max. 510	440	52



6.2. HYDRAULICS / LIFTING TOOLS

Hydropneumatic jack, 22 t

Ideal for bus, truck and car workshops
 Robust and stable design with extra large castors
 Finely adjustable stroke when lifting and lowering
 Incl. 4 ram attachments to the pressure plate
 Load capacity: 22 t
 Working pressure 7 - 8 bar
 Min. underride height 215 mm
 Piston extension 110 mm
 Max. Lifting height 430 mm
 Air pressure 0.7 - 1.0 Mpa



Art.	Δ kg
38114	45

Hydraulic bottle jack

Security valve against overload
 Telescopic piston
 2 pieces handle
 High stability



Art.	Cap.	Min. mm	Max. mm	H1 mm	H2 mm	Δ kg
3975	2 T	181	345	116	48	2.34
3976	6 T	216	413	127	70	4.5
3977	12 T	230	465	155	80	6.37
3978	20 T	242	452	150	60	9.7



Folding pair of trestles, 2 t

Load capacity: 2 t
Min. height: 276 mm
Max height: 363 mm



Art.	Min. mm	Max. mm	Δ kg
3972	276	363	3

Pair of trestles, 3 t

Load capacity: 3 t
Min. height: 280 mm
Max height: 420 mm



Art.	Min. mm	Max. mm	Δ kg
3979	280	420	6.7

Pair of jack stand, 6 t

Load capacity: 6 t
Min. height: 382 mm
Max height: 600 mm
Wide feet positioning guarantees high safety
Adjustable to several heights



Art.	Min. mm	Max. mm	Δ kg
38106	382	600	12.9



BATTERY POWERED TOOLS



7.1. BOOSTER



395 - 397

7.2. BATTERY CHARGER



398 - 399

7.3. POWERTOOLS



401 - 404



7.1. BOOSTER**Art. 506.000.080****Jump Starter + Powerbank, 12 V,
400CA - 800PA, 37Wh**

Shows instantly the battery level

Compact design and with a soft-touch finish

Ideal for vehicles up to 8-cylinder cars

Qualcomm® Quick charge™ Technology makes

charging devices 4 × faster

Safe smart cable provides protection against
several errors

Built-in LED light with 3 modes

280 × 150 × 220 mm | Δ 1.87 kg**Battery: Lithium-Polymer 37Wh**

Battery life	1000 cycles
Cranking current	400CA - 800PA
Operating temperature	-20 °C to 60 °C
USB	5 V DC, 2.4 A + Qualcomm®
Quick Charge™	3.0

Art. 506.000.100**Jump Starter + Powerbank, 12 V,
500CA - 1000PA, 55.5Wh**

Shows instantly the battery level

Compact design and with a soft-touch finish

Ideal for vehicles up to 10-cylinder cars

Qualcomm® Quick charge™ Technology makes
charging devices 4 × fasterUSB type C port designed for input or output
Safe smart cable provides protection against
several errors

Built-in LED light with 3 modes

With travel case

300 × 300 × 240 mm | Δ 1.74 kg**Battery: Lithium-Polymer 55.5Wh**

Battery life	1000 cycles
Cranking current	500CA - 1000PA
Operating temperature	-20 °C to 60 °C
USB: input	5 V DC, 2 A MICRO-USB, 15W, 3 A USB type C
Output	5 V DC, 2.4 A + Qualcomm®
Quick Charge™	3.0 15W, 3 A USB type C

Battery disconnect switch

Easy disconnect from a power supply

Prevent the battery from discharge during longer immobilisation time

The knob can be removed to prevent theft

Ideal for vehicles that are being stored for extended periods of time



Art.	↔ mm	Δ kg
31309	85 mm	0.14







	<p>Art. 31305 ⚖ 11.70 kg</p> <p>12V</p> 	<p>Art. 31306 ⚖ 22.70 kg</p> <p>12 - 24V</p> 	<p>Art. 31307 ⚖ 25.30 kg</p> <p>with Trolley 12 - 24V</p> 
Technology	Battery / acid	Battery / acid	Battery / acid
Customer	Garage	Garage	Garage

Product quality			
Volts	12	12 - 24	12 - 24
Peak current	2.500 A	5.000 / 2.500 A	6.200 / 3.100 A
Lead/Calcium battery	1	2	2
Capacitors Farad	-	-	-
Lifetimes in cycles	500	500	500
Surge protection	✓	✓	✓
Reverse polarity alarm (visual and audible)	✓	✓	✓
ON/OFF switch	✓	✓	✓
Fuse	✓	✓	✓
ABS shell	✓	✓	✓
Automatic charger	✓	✓	✓
Cigar lighter socket + cable	✓	✓	✓
Solid brass interchangeable clips	✓	✓	✓
Cables section	35 mm ²	50 mm ²	35 mm ²
Length of cables	155 cm	235 cm	206 cm

Lifetime: 500 cycles

7.1. BOOSTER

<p>Art. 31317 ⚖️ 10.60 kg</p>  <p>Condensator</p> <p>Breakdown service</p>	<p>Art. 31320 ⚖️ 15.82 kg</p> <p>with Trolley</p>  <p>Condensator</p> <p>Breakdown service</p>	<p>Art. 403.015.020 ⚖️ 11.50 kg</p> <p>HYBRID</p>  <p>Condensator +battery /acid</p> <p>All markets</p>	
---	---	--	---

			Customer benefits
12	12 - 24	12	1 job 1 adapted Booster
9.000 A	20.000 / 10.000 A	3.800 / 1.800 A	
-	-	1	
5 × 600 Farad	10 × 600 Farad	5 x 190 Farad	High Power Quality supporting intensive charge and discharge cycles
1000000	1000000	1.000.000 condensator, 500 battery	
✓	✓	✓	Vehicle protection
✓	✓	✓	Prevents damage to the device in the event of polarity reversal
✓	✓	✓	Protects the battery from discharge in the off state
✓	✓	✓	The certainty that neither the booster nor the vehicle will be damaged
✓	✓	✓	Virtually unbreakable in the event of a fall
✓	✓	✓	Automatic shutdown at 100% charge
✓	✓	✓	Can be recharged in the vehicle
✓	✓	✓	Strength, tension and optimal contact on the clamps
35 mm ²	35 mm ²	35 mm ²	Very large cross section for maximum power
175 cm	210 cm	175 cm	Length to place the booster on the ground

Lifetime: 1.000.000 cycles



Smart battery charger

For testing, charging and maintaining the charge of all lead-acid, maintenance-free and lead-calcium batteries for cars, motorbikes, etc.

Diagnosis of battery condition

Pulse charging of empty / deeply discharged batteries

Automatic desulphation programme

"Snowflakes" mode for optimal charging on cold winter days

Multi-stage testing and charging process easy to follow on LED display

Supplied with alligator clips, ring-eye cable and cigarette lighter plug



Smart battery charger 6 V / 12 V

Voltage selection:

Min-max battery capacity for charging:

Max. Battery capacity for maintenance:

Charging current (amps):

Battery types:

Charging programme:

Ambient temperature:

IP protection:

Automatic

2.2 A-32 A

100 A

6 V 1.1 A +/-10 % - 12 V 1.1 A +/-10 %

Wet, MF, GEL, AGM, Ca-Ca

Constant current

Power output is reduced at high temperature

IP65



Art.	± mm	Δ kg
31311	59 × 153 × 37 mm	0.48



IP65

Smart battery charger 12 V 3.8 A

Battery voltage:

Voltage selection:

Min-max battery capacity for charging:

Max. Battery capacity for maintenance:

Charging current (Amp.):

Battery types:

Charging programme:

Ambient temperature:

IP protection:

6 V / 12 V

Automatic

6-42 A(12v2 A) / 1.2-14 A(12v0.8 A) / 1.2-14 A(6v0.8 A)

100 A

6 V 0.8 A +/-10 % / 12 V 2.0 A +/-10 %.

Wet, MF, GEL, AGM, Ca-Ca

Constant current

Output power is reduced at higher temperatures

IP65



Art.	± mm	Δ kg
31312	65 × 175 × 43 mm	0.61



IP65

7.2. BATTERY CHARGER**Smart battery charger 12/24 V 7 A**

Input:	220 - 240 VAC 50 / 60 Hz
Output:	12 - 24 VDC / max. 7 A
Power:	135 W
Battery type:	12 V 14 - 225 Ah / 24 V 14 - 110 Ah
Suitable for:	SLA, AGM, WET, GEL, MF, Ca-Ca
IP protection:	IP65



Art.	± mm	Δ kg
31313	88 × 206 × 52 mm	0.87

IP65

**Smart battery charger 12/24 V 25 A**

Input:	220 - 240 VAC 50 / 60 Hz
Output:	12 - 24 VDC / max. 25 A
Power:	460 W
Battery type:	12 V 50 - 450 Ah / 24 V 25 - 230 Ah
Suitable for:	SLA, AGM, WET, GEL, MF, Ca-Ca
IP protection:	IP44



Art.	± mm	Δ kg
31314	135 × 305 × 70 mm	2.54

IP44



7

**FOR MORE POWER,
KRAFTWERK!**



7.3. POWERTOOLS**Cordless Bit-Driver, 7.2 V, 1.5 Ah**

Accumulator-technology Li-Ion, rechargeable

Bit holder 1/4"

Maximum torque 10 Nm

Speed without load 400 rpm

Charging time approx. 3h

Delivery includes: Cordless Bit-Driver, Charger, battery 1.5 Ah



Art. 403.100.000



incl.

Art.	± mm	Δ kg
403.100.000	41 × 115 × 160 mm	0.55

Cordless screwdriver 20 V 4 Ah 200 Nm

Powerful cordless impact drill of the latest generation
 High performance, compact dimensions and long service life thanks to the latest brushless motor technology
 Suitable for tightening and loosening screws and nuts
 The short design and low weight make working comfortable and fatigue-free

Battery technology Li-Ion

Voltage 20 Volt

Battery capacity 4 Ah

Max. Torque 200 Nm adjustable in 4 steps, 1: 80Nm/ 2: 150Nm/

3: 170Nm/ 4: 200Nm

Output power 280 watts

Idling speed 0 - 2800 rpm

No-load speed 0 - 3100 rpm

Tool holder 1/4" hexagon socket

Charging time 40 min

Protection temperature, overload and deep discharge

Weight 1.2 kg

**Art. 404.000.001**

Scope of delivery:

1 × cordless screwdriver

1 × rechargeable battery 4 Ah (498.030.003)

1 × quick charger (498.030.001)

1 × case

Art. 404.000.005

Scope of delivery:

1 × cordless screwdriver

2 × rechargeable battery 4 Ah (498.030.003)

1 × quick charger (498.030.001)

1 × case

20V 4.0 AH 80 Wh
LITHIUM-ION

1x



2x

Art.	± mm	Δ kg
404.000.001	215 × 145 × 78 mm	3.35
404.000.005	215 × 145 × 78 mm	3.36

Cordless impact drill 20 V 4 Ah 100Nm

Latest generation of powerful Cordless impact drill
High power, compact size, as well as long life due to latest brushless motor technology
Optimally tuned 2-speed full metal gearbox for efficient work progress
23-stage torque module
Electronic rotation and impact speed regulation as well as right / left rotation
Powerful LED light
Ergonomic rubberized handle for maximum safety and working comfort with additional holding handle

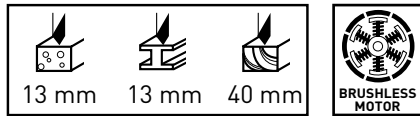
Battery technology Li-Ion
Voltage 20 Volt
Battery capacity 4 Ah
Max. Torque 100 Nm
Idle speed 0 -500 - 1750 rpm
Idle speed 0-9600/ 0 - 32000 rpm
Tool holder 1.5-13 mm
Charging time 40 min
Protection temperature, overload and deep discharge
Weight 1.65 kg

Art. 404.000.002

Scope of delivery:
1 × Cordless impact drill 20 V 4Ah 100Nm
1 × Rechargeable battery 4 Ah (498.030.003)
1 × Quick charger (498.030.001)
1 × Case

Art. 404.000.006

Scope of delivery:
1 × Cordless impact drill 20 V 4Ah 100Nm
2 × Rechargeable battery 4 Ah (498.030.003)
1 × Quick charger (498.030.001)
1 × Case



Art.	✚ mm	⚖ kg
404.000.002	225 × 215 × 78 mm	4.25
404.000.006	225 × 215 × 78 mm	4.26

20V 4.0 AH 80 Wh
LITHIUM



Battery Li-ion 4 Ah

for 404.000.001/.002/.005/.006

Art.	✚ mm	⚖ kg
498.030.003	240 × 90 × 80 mm	0.01

20V 4.0 AH 80 Wh
LITHIUM



Charger

for 404.000.001/.002/.005/.006

Art.	✚ mm	⚖ kg
498.030.001	200 × 140 × 80 mm	0.01



1/2" Cordless impact wrench set, brushless, 18 V

800 Nm breakaway torque

Special compact and well balanced lightweight body



0-2100 rpm and 0-3000 ipm for faster speed application

With 3 positions digital torque control

Scope of delivery:

- 1 × Cordless impact wrench
- 2 × Rechargeable battery 4 Ah
- 1 × Charger
- 1 × Case



Art.	 mm	 kg
403.000.000	80 × 170 × 240 mm	4.63

1/2" Cordless impact wrench set, brushless, 18 V

1500 Nm breakaway torque

Balanced and solid body



0-1700 rpm and 0-2000 ipm for fast and powerful application

With digital speed and torque mode

Scope of delivery:

- 1 × Cordless impact wrench
- 2 × Rechargeable battery 4 Ah
- 1 × Charger
- 1 × Case



Art.	 mm	 kg
403.001.000	470 × 360 × 110 mm	6.9

Laser SMART LINER

Cross line laser for mounting pictures on the wall, central lamp placement or curtain rod installation. The cross line laser projects a laser cross onto the wall. The integrated function alerts the user to uneven surfaces by a flashing signal. Battery operated (2 × AA, not included).



Art.	± mm	Δ kg
620.000.001	90 × 75 × 140 mm	0.15





EQUIPMENT FOR THE WORKSHOP



8.1. GENERAL WORKSHOP EQUIPMENT			407 - 414
8.2. ENGINE TOOLS			415 - 428
8.3. BODYWORK TOOLS			429 - 434
8.4. CHASSIS, UNDERFLOOR & FRAMEWORK TOOLS			435 - 441
8.5. WHEEL AND TYRE TOOLS			442 - 445
8.6. LIGHTING			446 - 458



8.1. GENERAL WORKSHOP EQUIPMENT**Pneumatic grease gun**

Capacity: 500 cm³
 Cartridge, DIN 1284 or bulk grease
 Operating pressure: 6,2 bar
 Operating air pressure: 248 bar/3600 psi
 Lacquering: Red powder coating on the barrel
 Wall thickness of grease gun tube: 1,2 mm
 Diameter of grease piston: 62 × 154 × 400 mm
 With vent valve & filler plug
 Art. 106.000.003, flexible high pressure nylon hose 12" incl.

Art.	± mm
106.000.001	393 × 365 × 355

**Professional manual lever grease gun**

Capacity: 400 cm³
 Grease cartridge, DIN 1284 or bulk grease
 Grease pump piston actuation manual lever
 Discharge pressure up to 400 bar
 Lacquering: Red powder coating on the barrel
 Wall thickness of grease gun tube: 1.2 mm
 With bleed valve & filler plug
 Art. 106.000.003, flexible high pressure nylon hose, 12" incl.

Art.	± mm
106.000.002	390 × 135 × 65

**Manual cartridge press**

For all commercially available cartridges with 310 ml capacity and 250 mm length
 The cartridge press is excellent for processing materials such as silicone, acrylic and assembly adhesive.

Art.	± mm
106.001.001	380 × 290 × 360

**Hand cartridge press aluminum 310 ml**

For all standard cartridges up to 310 ml & bags up to 400 ml
 Aluminum tube, tube length 230 mm, Ø 51 mm
 Quick and easy cartridge change
 Incl. 1 nozzle
 The cartridge press from KRAFTWERK is excellently suited for processing materials such as silicone, acrylic, assembly adhesives, etc.

Art.	± mm
106.001.002	490 × 280 × 490



Hand cartridge press aluminum 600 ml

For all standard cartridges from 310 ml & bags up to 600 ml
Aluminum tube, tube length 365 mm, Ø 51 mm
Quick and easy cartridge change

Incl. 1 nozzle

The cartridge press from KRAFTWERK is excellently suited for processing materials such as silicone, acrylic, assembly adhesives, etc.



Art.	+	mm
106.001.003		580 × 300 × 400

Nozzle Set of 20 pieces

Spare application nozzles for 106.001.002 and 106.001.003
Length 100 mm, Ø 51 mm



Art.	+	mm
106.001.004		60 × 60 × 100

Plastic magnetic bowl, red, Ø 150 mm



Art.		+	mm
2949-1			155 × 155 × 135
2949-2			155 × 155 × 135
2949-3			155 × 155 × 135

Magnetic tray

stainless



1200 g



Art.	+	mm
2950		Ø 150 × 40

Magnetic tray

stainless



2 × 1200 g



Art.	+	mm
2951		40 × 240 × 140

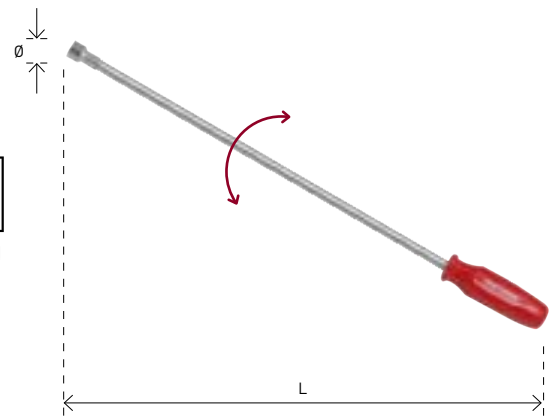
8.1. GENERAL WORKSHOP EQUIPMENT

Heavy duty flexible magnetic pick-up

Art.	Ø mm	L mm
3195	18	535



3500 g



Telescopic magnetic pick up tool

Adjustable shaft/ Magnetic head Ø 11 mm
 Total length: 130 - 640 mm
 Long shaft ideal for accessing hard to reach places /
 deep blind holes

Art.	Ø mm	L mm
3196	11	130 - 640



2000 g



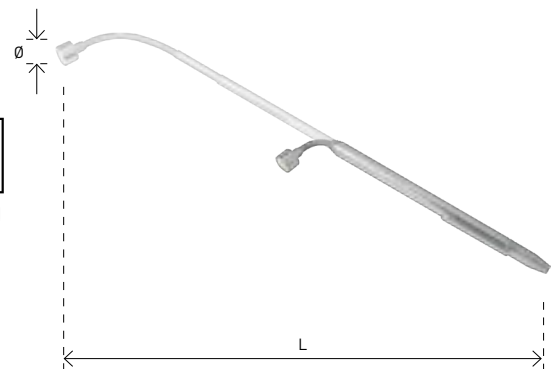
Flexible telescopic magnetic pick up tool

Adjustable shaft/ Magnetic head Ø 11 mm
 Total length: 135 - 570 mm

Art.	Ø mm	L mm
3197	11	135 - 570



1500 g



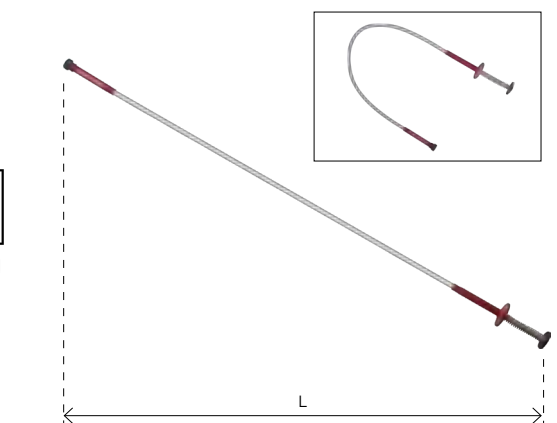
Flexible pick-up claw with magnet

Flexible shaft
 Total length: 700 mm
 Long shaft ideal for accessing hard to reach places /
 deep blind holes

Art.	L mm
3198	700



1000 g

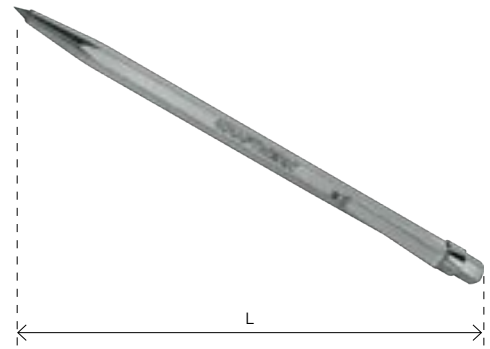


Carbide scribing needle

This material has a tougher fracture and thermal shock resistance

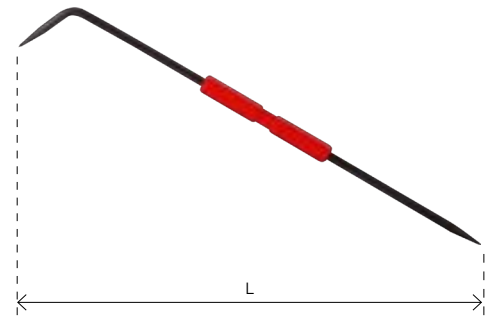


Art.	L mm
3392	150



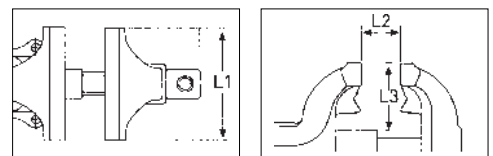
Double ended scriber with plastic handle

Art.	L mm
3393	230



Steel vice 100 mm / 4"

Art.	L1 mm	L2 mm	L3 mm	ΔT kg
2961	100	120	65	7.5
2962	125	140	70	11
2963	150	170	80	14.5
2964	200	200	90	20.5



Precision scale

Capacity 0.03 - 200 g
 Readability 0.01 g
 Accuracy ±0,03 g
 Unit g, oz, dwt, gn, ct, ozt
 Calibration Automatic calibration via keypad
 Power supply AAA batteries x2 (included)
 Auto power off 180 seconds (standard)
 Platform size (L x W) 70 x 60 mm
 Scale size (L x W x H) 140 x 82.5 x 22.5 mm
 Net weight 174 g

Art.	± mm
601.200.001	140 x 82 x 22



8.1. GENERAL WORKSHOP EQUIPMENT

Knee and seat pad

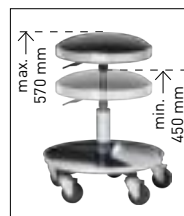
Made of a three-layer, highly compressed and water-resistant PE foam
Useful aid for all kneeling activities



Art.	+	mm
38001		470 × 200 × 30

Workshop roller stool

Height adjustable
Tool compartment
5 swivel castors
Load capacity up to 135 kg



Art.	+	mm
3984		450 × 570 × 450

De Luxe creeper

De Luxe version with 6 swivel castors. Thick and comfortable foam rubber padding and max. load up to 180 kg.



Art.	+	mm
3988		185 × 510 × 1135

Workshop couch and folding seat

With 6 swivel castors and multifunctional usable as a couch or as a workshop stool and max. capacity load 150 kg.



Art.	+	mm
3989		1020 × 455 × 150

540 × 455 × 500 mm

ABS-plastic workshop creeper

Solid and compact ABS-plastic design with transport handle
Extra deep and ergonomic shaped, adapted arm sections
Padded headrest
Tools and small parts compartment on both sides
6 easy turning rubber swivel rollers
Max. load up to 120 kg.



Art.	± mm
3991	1010 × 480 × 115

Aluminium work platform

Height 480 mm
Max. 200 kg



Art.	± mm
3985	965 × 300 × 480

Voltage tester

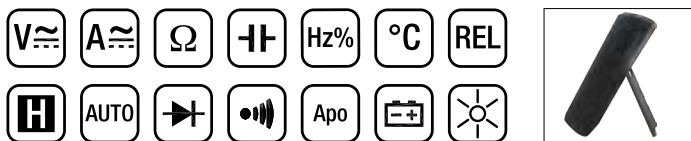
Diode test lamp with puncturing function for insulated cables
Measuring range: 3 - 48 V DC
Length measuring cable: approx. 100 cm
Also for radio/audio device



Art.	L mm
31127	145

Digital multimeter

CAT III 600 V
DC/AC voltage measuring range from 0.4 - 600 V
DC/AC current measurement range to 10 A
More than 10 functions
Display lighting
Temperature range -55 °C ~ 1'000 °C
Hold function



Art.	± mm
31130	178 × 85 × 40



8.1. GENERAL WORKSHOP EQUIPMENT**Electric trailer plug tester 7/13 pins**

For a quick check of the vehicle's and trailer's lighting system and wiring
Quick check of 12 V electrical systems



Art.	± mm
31133	260 × 160 × 60

Stethoscope

To locate noises in engines, transmissions, gears, bearings, etc.

Art.	
31120	

**Safety glasses**

Lens and frame material: Polycarbonate
Lens coating: Anti-Scratch & Anti-Fog
Frame, lens type & colour: Frameless, Transparent
CE certification, EN 166.2001, ANSI Z87.1




Art.	ΔT g
807.000.001	0.03




Mechanic's working gloves

with reinforced palms, knuckles and finger tips.

Art.	
7901M	M
7901L	L
7901XL	XL
7901XXL	XXL




PU working gloves M (12 pcs.)

Art.	
7905M	M
7905L	L
7905XL	XL



Gogrip PRO Nitrile Gloves

disposable nitrile gloves are designed for professionals and prove themselves optimally wherever precise movements, grip safety and wearing comfort are required. GoGrip nitrile gloves are ideal for construction, assembly, installation and DIY work. The coated disposable nitrile gloves with diamond texture GoGrip ensure grip safety, even wet environments, are easy to put on and take off and reduce hand sweat.

Art.	
805.002.005	M
805.002.006	L
805.002.007	XL
805.002.008	XXL



8.2. ENGINE TOOLS

Self gripping oil filter spiral wrench 3/8" + 1/2"

3 arms
 Socket adapter inclusive, 21 mm
 Left and right side adjustment
 Releasing and tightening of different sizes
 Installation and removal of filters and filter cartridges



3/8"

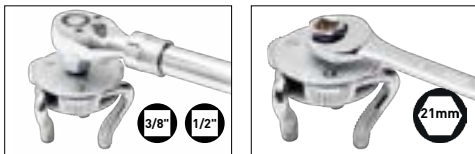
1/2"



Art.	Ø mm
30614	80-120



Oil filter spiral wrench 45-75 mm



3/8"

1/2"



Art.	Ø mm
30652	45-75



Oil filter chain wrench 60-105 mm

Sturdy tool with duplex chain
 Retaining claw prevents slipping
 Handle with joint, 180° laterally swiveling
 Easy handling due to special chain lock
 Ø 60 - 105 mm
 Length: 230 mm
 Length of one chain: 22 mm

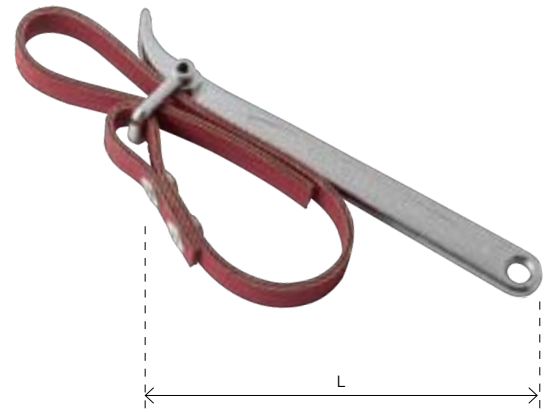
Art.	Ø mm	L1 mm	L2 mm
30613	60-105	230	22



Strap wrench

Ø 30-160 mm

Art.	Ø mm	L mm
30654	30-160	230



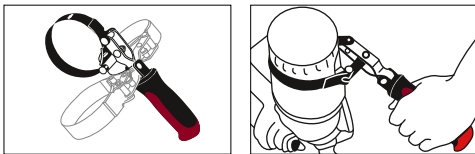
Pro swivel oil filter wrench

One hand operation

Applicable on poorly accessible spots

Handle can be turned 90° via the turning joint

Ergonomic handle



Art.	Ø mm	L mm
30616-076	60-76	285
30616-085	73-85	285
30616-099	85-99	295
30616-111	95-111	295



Pro swivel oil filter wrench

One hand operation

Applicable on poorly accessible spots

Adjustment by turning the knob

Art.	Ø mm	L mm
30617	65-110	213
30618	110-155	155



Oil service wrench

8 × 10 mm

Art.	Ø mm	L mm
30622	8 × 10	220

CrV



8.2. ENGINE TOOLS

Drain plug key with metal bar, 5 pcs.

Suitable for all cars



Art.	mm	mm
30623	14 + 17 / 10 + 12 / 9 + 5/16"	8 + 13 / 11 + 3/8"

Oil drainage pan

With spout

Resistant to most solvents (T < 60 °C),

acids, alkalis, alcohol, oils, gasoline

Made of HDPE

Shock resistant



Art.	Cap.
30624	3.5 L
30625	8 L
30626	16 L

Oil drainage span set, 3 pcs.

With spout

Resistant to most solvents (T < 60 °C),

acids, alkalis, alcohol, oils, gasoline

Made of HDPE

Shock resistant



Art.	Cap.
30624-26	3.5 - 8 - 16 L

Oil pan repair set



Art.	mm
30627	235 × 305 × 55

M13 30627-M13T 1x M13 × 1.5	30627-M13B 5x M13 × 1.5	30627-M13S 10x M13 × 1.5
M15 30627-M15T 1x M15 × 1.5	30627-M15B 5x M15 × 1.5	30627-M15S 10x M15 × 1.5
M17 30627-M17T 1x M17 × 1.5	30627-M17B 5x M17 × 1.5	30627-M17S 10x M17 × 1.5
M20 30627-M20T 1x M20 × 1.5	30627-M20B 5x M20 × 1.5	30627-M20S 10x M20 × 1.5








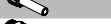

Audi, BMW, Citroën, Mercedes, Fiat, Ford, Honda, Mazda, Mitsubishi, Nissan, Opel, Peugeot, Porsche, Renault, Saab, Seat, Skoda, Toyota, Volvo, VW etc.



Oil filler with adapter set

Huge market coverage
Incl. 8 different adapters for applications with limited space
Recirculation valve
Capacity 7.5 l



Art.			
30653	AT-101		Ford (1/8" NPT)
	AT-102		Universal
	AT-103		Audi, VW
	AT-104		Audi, Porsche, VW
	AT-105		Audi, Mini Cooper (M10 × 1.0 mm), VW
	AT-106		Altis 2010, Benz 722.9 (M12 × 1.5 mm)
	AT-107		Audi, DSG (M24 × 1.5 mm), VW
	AT-108		Audi, CVT (M22 × 1.5 mm), VW

Tool set for plastic oil drain plugs 4 pcs.

Assembly and disassembly of plastic oil drain plugs
With T-handle



Art.	\pm mm
503.006.000	170 × 130 × 51

8.2. ENGINE TOOLS**Oil drainer 68 l**

The oil collector is suitable for use in any workshop or garage to collect used oil and contaminated oil during an oil change. The mobile device has a large 68-liter tank, a tub Ø of 400 mm, equivalent to a volume of 10 l and an additional and removable collection tray, with a diameter of 600 mm. The maximum oil level in the tank is 56 l, the maximum oil collection height, 1.95 m and the oil drain pipe is 2 m long.

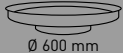


Additional information:

Max. Oil collection height: 195 cm

Max. Oil level in tank: 56 l

Oil drain pipe length: 2 m

Oil pan volume: 10 l

Art.	Cap.	 Ø 600 mm	⊕ mm
30657	68 l		420 × 440 × 960
30657-T	68 l		420 × 440 × 960

**Funnel extension for 30657**

Art.	Ø mm
30660	600

**Step turning pin for straight double/tube socket wrenches and pipe head wrenches**

2-stage rotary pin for pipe socket wrenches / pipe head wrenches

For drill holes Ø: 10 × 200 mm

Material: chrome vanadium

Surface: Matt chrome plated

Art.	Ø mm
2589-0010	10 × 200

CrV

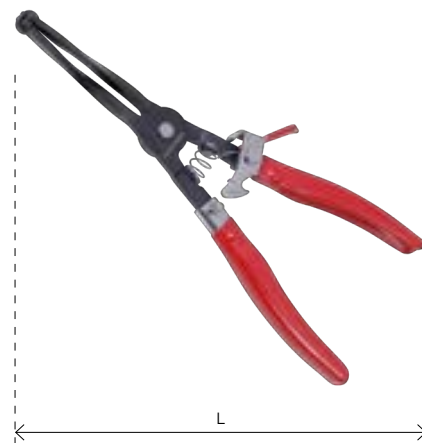
**Special pliers for exhaust clamps**

Usage: To spread the opening of the exhaust clamps, these pliers have a comfortable grip handle

Good grip bows that prevent slipping and serve to relieve the hand

Furthermore, the pliers has different locking - settings, for the variation setting

Art.	L mm
30012	300



2-arm fuel tank transmitter key set

With a length of 80 - 122 mm extendable

Art.	L mm
30604	80 - 122



4-arm tank dealer wrench set

Extendable length from 80 - 122 mm

Adjustable and universal usage

For loosening and tightening the plastic locking ring of the fuel sender unit on the fuel tank

Art.	L mm
30605	80 - 122



Valve grinder set, 4 pcs.

for grinding of valves

Ø 19 + 22 mm in length 245 mm

Ø 22 + 32 mm in length 255 mm

Matching products:

30607 Piston ring clamping band 53-125 mm

30608 Piston ring clamping band 60-175 mm

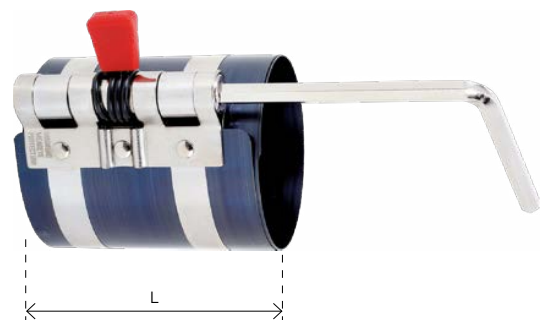
Art.	
30606	



Piston ring compressor

with infinitely variable adjustment, special spring steel

Art.	Ø mm	mm	L mm
30607	53 - 125	6	80
30608	60 - 175	6	100



8.2. ENGINE TOOLS**Self-centering cylinder lapping machine \varnothing 19 - 69 mm**

3 arms, equipped with exchangeable stones



MEDIUM



Art.	\varnothing mm	
30211	19 - 69	3 x 28.8 mm

Engine cylinder hone

3-armed, with exchangeable honing stones

See here, the replacement article:

30611 3 pcs. Honing replacement jaws 102 mm

Can also be purchased with the following products:

30607 Piston ring clamping band 53-125 mm

30608 Piston ring clamping band 60-175 mm

30606 Valve grinder set 4 pcs.



MEDIUM



Art.	\varnothing mm	
30610	51 - 177	3 x 102 mm

Cylinder hone kit, 4-in-12- and 3 armed, for 4 different applications,
equipped with replaceable stones

18-63 mm, 2 cylinder hone x 28.8 mm

22-69 mm, 3 cylinder hone x 28.8 mm

32-89 mm, 3 cylinder hone x 19 mm

32-89 mm, 3 cylinder hone x 51 mm

Art.	\varnothing mm	
30212	18 - 63	2 x 28.8 mm
	22 - 69	3 x 28.8 mm
	32 - 89	3 x 19 mm
	32 - 89	3 x 51 mm

**Hone stones, 3 pcs.**

MEDIUM

Art.	
30611	3 x 102 mm



Alternator repair kit set 3/8" + 1/2", 18 pcs.

Repair set for changing alternator or belt disc
Usable for screw-connection inspection
Preserves the removal of other parts

3/8"

1/2"



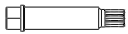
Bosch
17 mm Ø 35 mm



Renault
22 mm 22 mm
28 mm 22 mm
28 mm 19 mm



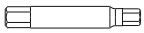
Spline
15 mm 33
22 mm 33



12 mm 64 mm M10



1/2" 10 mm



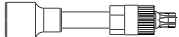
10 mm 75 mm T40-T50

10 mm 75 mm M8-M10

10 mm 75 mm 8-10 mm

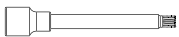


3/8" 82 mm M10



1/2" 113 mm M10

1/2" 113 mm T50



1/2" 141 mm M10



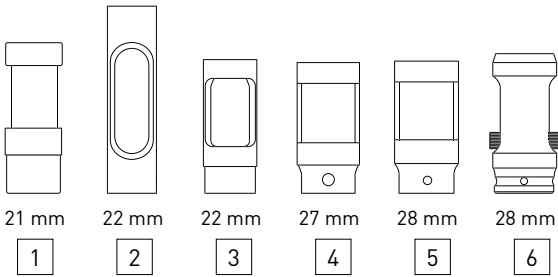
Art.	
30612	Bosch, Fiat, Marelli, New Renault, Valeo

Diesel injector socket wrench kit, 6 pcs.

- 1) Ford Duratorq
- 2) Audi, BMW, GM, Mercedes, Rover, Seat, Volvo, VW
- 3) Nissan, VW
- 4) BMW, Fiat, Ford (Peugeot)
- 5) HGV, Scania, Volvo
- 6) Alfa Romeo 2.5D - VM engines
Chrysler Voyager/Cherokee - 2.5D VM engines, Land Rover 2.4D - VM engines, Rover 2.5D - VM engines

1/2"

CrMo



21 mm 1
22 mm 2
22 mm 3
27 mm 4
28 mm 5
28 mm 6



Art.	
30636	

8.2. ENGINE TOOLS

Diesel injector seat cutter set, 7 pcs.

Easy to use

For damage-free and professional application

In durable plastic storage case

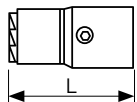
Content:

Universal 15 mm × 19 mm

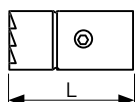
Delphi / Bosch (BMW / PSA-Renault / Ford) 17 mm × 17 mm

Bosch (Mercedes CDI) 17 mm × 19 mm

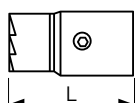
Fiat / Iveco 17 mm × 21 mm



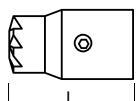
15 mm × 19 mm
Universal



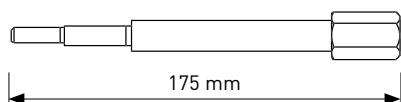
17 mm × 17 mm
Delphi / Bosch
(BMW / PSA-Renault / Ford)



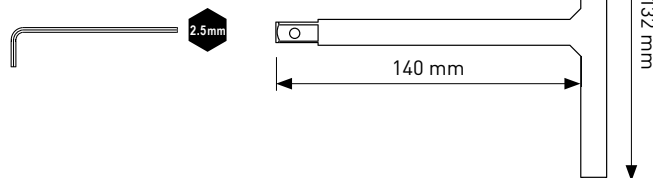
17 mm × 19 mm
Bosch (Mercedes CDI)



17 mm × 21 mm
Fiat / Iveco



175 mm



2.5mm

140 mm

132 mm



Art.	L mm
30638	39

Glow plug swivel wrench set 3/8" long, 6 pcs.



Long version

DIN 3120 / ISO 1174

Suitable for all current glow plugs



CrV

Art.		 mm
30680	3/8"	8 - 9 - 10 - 12 - 14 - 16 mm



Flexible hose clamp Audi/VW with automatic clamping

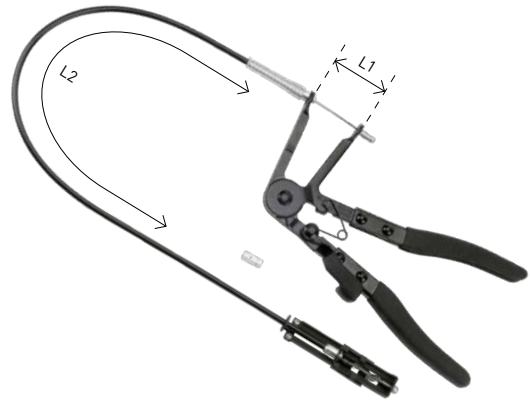
With remote control and locking ratchet

To open self-tensioning hose clips when replacing fuel lines, oil-lines, radiator hoses and heater hoses

Remote operation enables even hard-to-access areas to be reached safely and quickly

Turbo hose clamp length/opening 0 - 52 mm

Hose length 650 mm



Art.	L1 mm	L2 mm
30644	0 - 52	650

Fluid clamp set, 4 pcs.

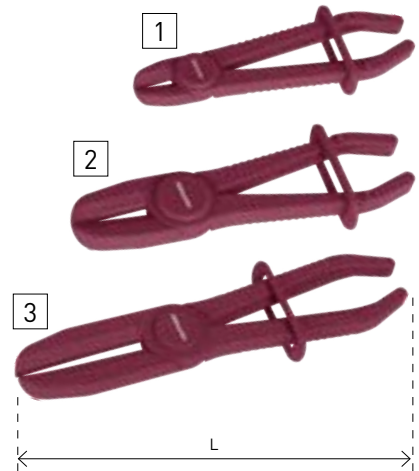
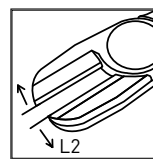
Art.	∅ mm
31122	~ 10 mm (3/8")
	~ 15 mm (1/2")
	~ 25 mm (1")
	~ 45 mm (1-3/4")





Lockable hose clip pliers, 3 pcs.

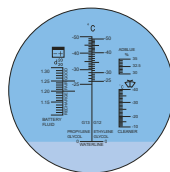
Art.	Pos.	L1 mm	L2 mm
31123	1	153	max. 10
	2	183	max. 15
	3	250	max. 24

NYLON



Antifreeze and battery acid refractometer

	Spec.
Ethylene Glycol	-25 ~ -50°
Propylene Glycol	-25 ~ -50°
 AdBlue®	1.10 - 1.30 kg/l
	30% - 35%
	-15 ~ -40°



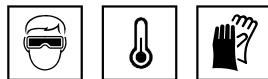
Art.
31125



8.2. ENGINE TOOLS

Anti-freeze tester for ethylene glycol

°F	°C	
+25	-7	●
+5	-15	● ●
-10	-23	● ● ●
-25	-31	● ● ● ●
-34	-37	● ● ● ● ●
⚠		● ● ● ● ● ●

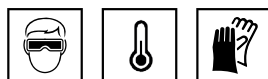


Art.	
31101	

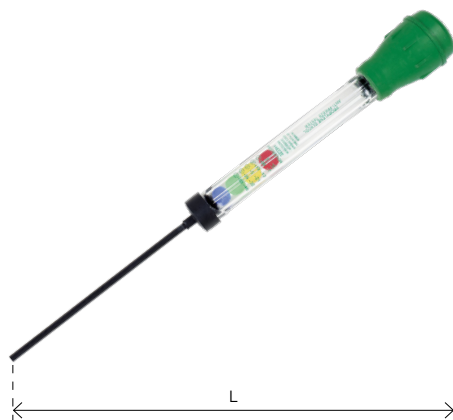


Anti-freeze tester propylene glycol

°F	°C	
+20	-7	●
+10	-12	● ●
-5	-21	● ● ●
-26	-32	● ● ● ●
-50	⚠ -46	● ● ● ● ●

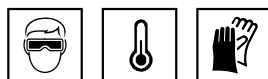


Art.	
31102	



Battery acid tester

1.145 - 1.260 g/ml	
> 25 % 1.145	●
> 50 % 1.186	● ●
> 75 % 1.222	● ● ●
1.260	● ● ● ●
⚠ 80° C	● ● ● ● ●



Art.	
31103	



Battery alternator tester

weak	●
sufficient	● ●
good	● ● ●
low	● ● ● ●
normal	● ● ● ● ●
high	● ● ● ● ● ●



Art.	L mm
31129	110

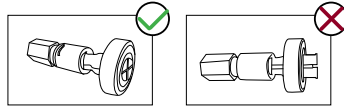


Bearing hole puller set

Content:


- 1) 5/16" - 13/32" (8 - 10 mm)
- 2) 13/32" - 15/32" (10 - 12 mm)
- 3) 15/32" - 9/16" (12 - 14 mm)
- 4) 19/32" - 11/16" (15 - 17 mm)
- 5) 11/16" - 25/32" (17 - 20 mm)
- 6) 25/32" - 15/16" (20 - 24 mm)
- 7) 1" - 1-1/8" (25 - 29 mm)
- 8) 1-3/16" - 1-1/4" (30 - 32 mm)

CrMo





Art.	
31604	

Flywheel puller

Art.	
31606	M10 x 1.25R
	M14 x 1.5R
	M16 x 1.5R
	M18 x 1.5R
	M24 x 1.0R
	M27 x 1.0L



Flywheel drive puller set

Art.		
31605	M28 x 1.5	Cagiva, Ducan, Ducati, Gilera, Honda, Kawasaki, Kimoo, Kokusan, Kymco, MBK, Minarelli, Motoplat, Peugeot, Sfera, Suzuki, Yamaha
	M27 x 1.25 - M20 x 1.0	
	M26 x 1.5 - M22 x 1.5	
	M28 x 1.0 - M26 x 1.0	
	M25 x 1.5 - M22 x 1.0	
	M27 x 1.0L - M24 x 1.0	
	M19 x 1.0	
	M14 x 1.5	
	M16 x 1.5	
	M18 x 1.5	



8.2. ENGINE TOOLS

Engine support

For lifting the engine or transmission in place during repairs

Dual hook assemblies for balanced support
Adjustment screw for an optimal load levelling

Maximum capacity: 500 kg

Maximum Width: 1480 mm

Minimum Width: 730 mm

Weight: 16 kg



Art.

38130

Engine and gearbox holder

For all service works of all motors and gearboxes

Wide adjusting and mounting options

360° swivel head with 8 locking positions for easy accessibility
from all sides of motor and gearbox

Fixation with safety pin

When not in use simply fold up feet - minimum space requirements

5 castors: 3 swivel castors, two with brakes

Tube holder on the mounting head: Ø 13 mm

Mounting head: rotatable at 360°

(max. support width: 39.5 cm / max. support height: 28.6 cm)

Vertical height from the bottom to the axis mounting plate: 86.2 cm

Dimensions mounted (LxWxH): 810 x 825 x 875 mm

Dimensions with folded feet (LxWxH): 375 x 825 x 875 mm

Capacity: 680 kg

Net weight: 33 kg



Art.

38131

OBD-II Tester

Suitable for vehicles from 1996 onwards with
OBD-II interface

Easy reading out and deleting engine fault

Does support the CAN, VPW, PMW, ISO and KWP

2000 protocols



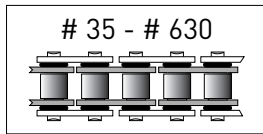
Art.

31126

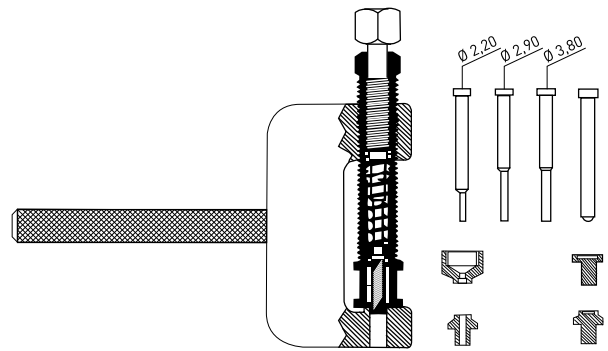


Chain breaker and riveting tool set for motorcycle chains

Incl. 1 × 2.2 mm, 1 × 2.9 mm, 1 × 3.8 mm release pin



Art.	
31601	

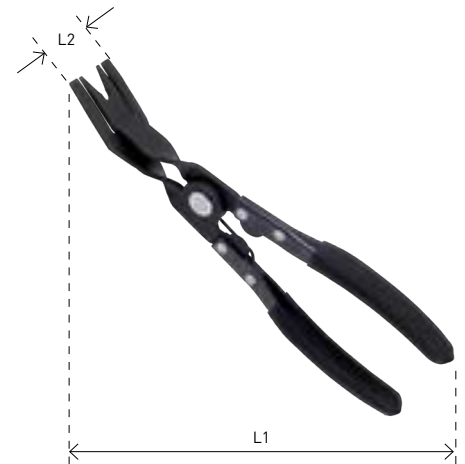


8.3. BODYWORK TOOLS

Detaching plier

For loosening plastic clips on door trims, bumper straps, etc.
Avoids damage to all surfaces e.g. for door panels

Art.	L1 mm	L2 mm
30648	240	32

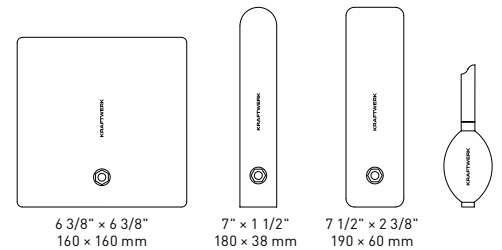


Inflatable hand pumpper set 4 pcs.

To spread e.g. door frames without damage to the paint
For emergency opening
Hand pump with valve

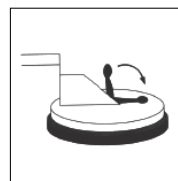
- 1x 160 mm x 160 mm
- 1x 190 mm x 60 mm
- 1x 180 mm x 38 mm

Art.
30801



Double plunger elevator, aluminium

Flexible suction cups and quick-release lever
Ideal for curved windscreens
For lifting, carrying and holding
For flat and non-porous surfaces
Up to max. 50 kg



Art.	Δ ↑ kg	∅ mm	L mm
30803	max. 50	117	327



Wiper arm puller set

Easy removal of all common wiper arms
For use on corroded and stuck wiper arms
Greatest possible protection for integrated wiper nozzles through slide hammer technology
Contains: 1 impact weight, 1 pressure spindle, 6 pull bells

Art.	L mm
30806	65



Interior removal set, 11 pcs.

Professional removal kit
Dismantle upholstery and plastic panels
Without scratching or damaging surfaces
Also for many household applications

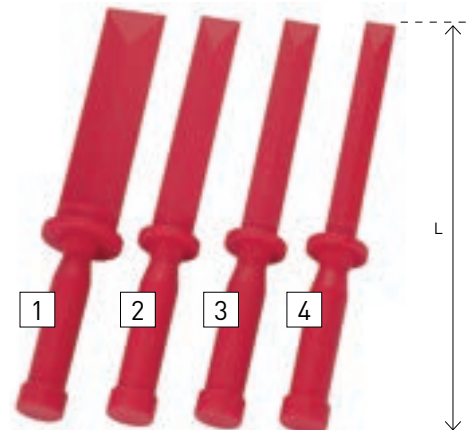
Art.
30808



Plastic scraper set, 4 pcs.

Universally applicable
For quick and easy removal of glued trim strips
or for removing adhesive weights on alloy rims

Art.	Pos.	L mm	↕ mm
30810	1	270	38
	2	270	25
	3	270	22
	4	270	19



8.3. BODYWORK TOOLS

Body file clamping fixture

Without file
For 350 mm file blades
Adjustable for flat and curved applications










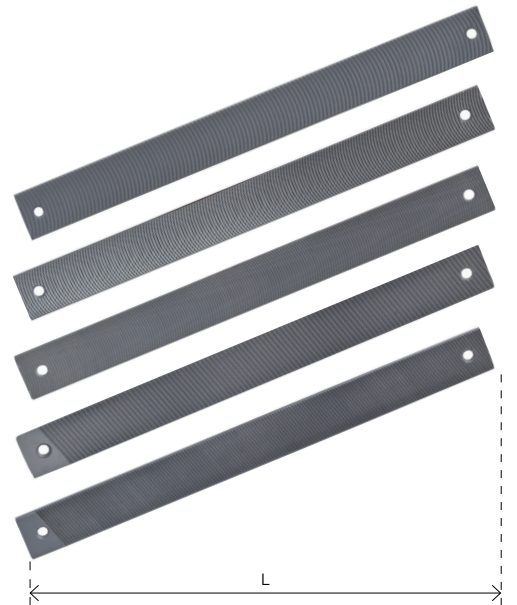
Art.	L mm
30812	350



Car body file blade



Art.			L mm
30813	9 / "		350
30814	9 - 12 / "		350
30815	12 - 15 / "		350
30816	9 - 15 / "		350
30817	12 / "		350

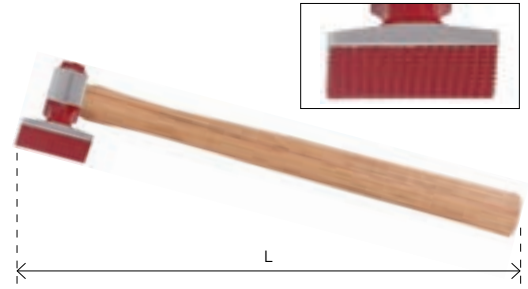


Bumping + planishing hammer serrated. fluted

Handle material made from hickory wood
Use: For work on bodywork and sheet metal parts



Art.	L mm	Δ g
30818	310	470

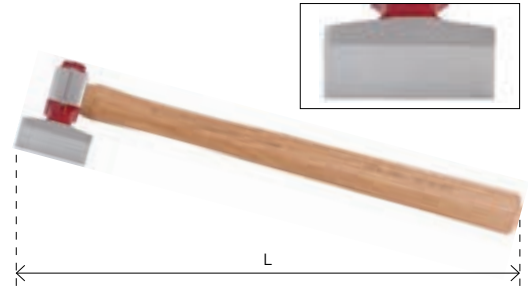


Bumping and planishing hammer flat face

Handle material made from hickory wood
Use: For work on bodywork and sheet metal parts



Art.	L mm	Δ g
30819	310	430

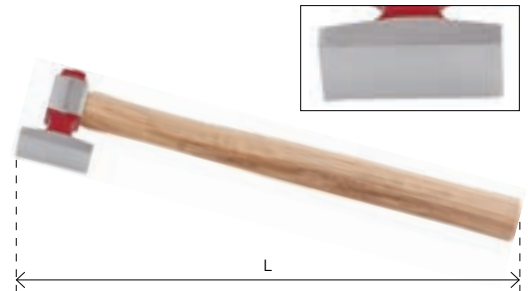


Bumping and planishing hammer bowed face

Handle material made from hickory wood
Use: For work on bodywork and sheet metal parts



Art.	L mm	Δ g
30820	310	320

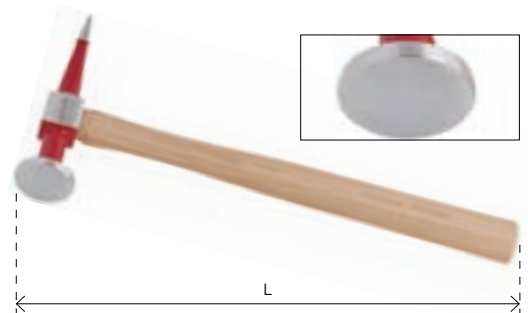


Bumping hammer

Handle material made from hickory wood
Use: For work on bodywork and sheet metal parts



Art.	L mm	Δ g
30822	310	460

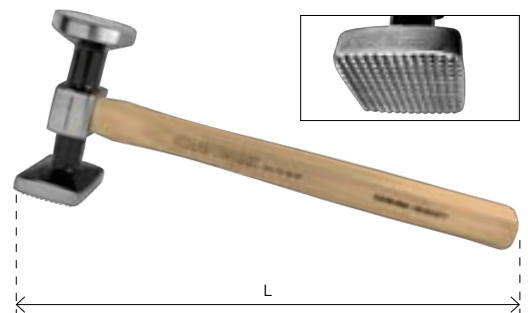


Planishing and finishing hammer

For sheet metal working and car body repairs, coated steel head with hickory wood handle



Art.	L mm	Δ g
310.160.821	310	700

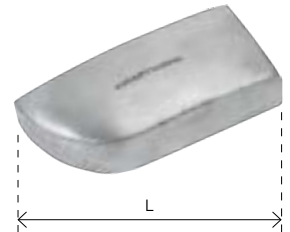


8.3. BODYWORK TOOLS**High crowned dolly**

Art.	L mm	Δ g
30823	80	920

**Car bodywork anvil**

Art.	L mm	Δ g
30831	130	1000

**Wedge dolly**

Art.	L mm	Δ g
30824	110	800

**Curved dolly**

Art.	L mm	Δ g
30825	135	1630

**Car body spoon**

Art.	L mm	Δ g
30826	390	1240

**Chisel with straight cutter and hand guard,
extra flat**

Art.	L mm	Δ g
30827	240	280



Straight body seam splitter
with 2-component handle

INOX

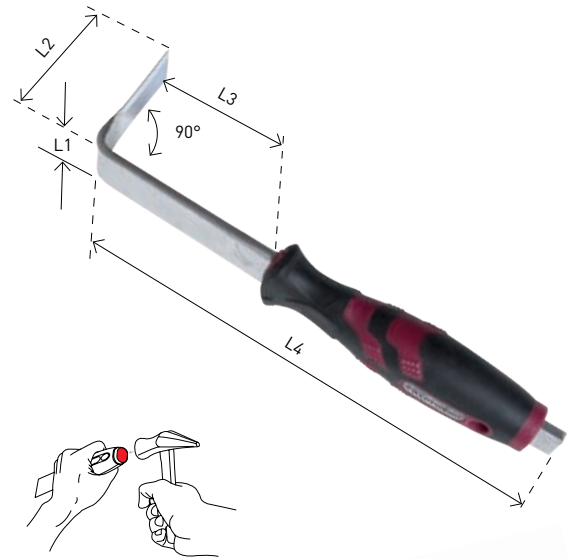
Art.	L1 mm	L2 mm	L3 mm
3334-01	24	154	302



Offset body seam splitter
with 2-component handle

INOX

Art.	L1 mm	L2 mm	L3 mm	L4 mm	✂
3334-03	24	65	95	243	90°



Offset body seam splitter set 3 pcs.

This set consists of the following tools:

- 3334-01 Body cutting tool, straight - L 302 mm
- 3334-02 Body cutting tool, 30° cranked - L 298 mm
- 3334-03 Body cutting tool, 90° cranked - L 243 mm

INOX

Art.
3334SET



8.4. CHASSIS, UNDERFLOOR & FRAMEWORK TOOLS**Pressure and vacuum pump set, 28 pcs.**

With hand pump

Suction and pressure function (-1 to 4 bar)

For different areas

Suitable for most common vehicles


Readable in bar and psi

Including assortment of adapters



	-1 - 4 bar -30 - 60 psi		2x 120 ml
	2x 650 mm Ø 9 mm		2x 80 mm 2x 92 mm Ø 9 mm
	1x Ø 4 mm + 6 mm 1x Ø 6 mm + 6 mm 1x Ø 8 mm + 6 mm 1x Ø 10 mm + 6 mm		14 pcs.



Art.	 max. bar
30201	-1 - 4 bar / -30 - 60 psi

Axial tie rod tool set, 4 pcs

For fast and professional changing of the axial joints of cars and light commercial vehicles

Automatic clamping of the joint heads

Easy assembly of long tie rods because of open construction

For joint heads Ø 30 - 45 mm

3 exchangeable clamping heads for a wide application area (30 - 35, 35 - 40, 40 - 45 mm)

Drive either with 1/2" ratchet or 32 mm socket




Art.	Ø mm	L mm
30215	Ø 30-35, 35-40, 40-45	360



Universal caliper brake piston rewind tool case, 40 pcs.

for resetting (pressing or rewinding) of left and right hand threaded brake pistons, even if linings are extremely worn out. Numbered adaptors for most popular car models.

INOX


Art.	
30203	Alfa, Audi, BMW, Citroën, Fiat, Ford, GM, Honda, Jaguar, Lancia, Mazda, Mitsubishi, Nissan, Opel, Peugeot, Renault, Rover, Saab, Seat, Subaru, Toyota, Volvo, VW



Spindle and wheel hub puller

Universal use for almost all cars
4- and 5-hole hubs with different hole distances
Max. capacity of 12 tons

12T

Art.	
30214	Audi, Citroën, Fiat, Opel, Peugeot, Renault, Seat, Škoda, Volvo, VW, etc.



Universal crank bearings puller tool set
for removing bearings, interior rings and other tightly fixed parts



Art.	∅ mm
30401	∅ 30-50 mm / 50-70 mm



8.4. CHASSIS, UNDERFLOOR & FRAMEWORK TOOLS

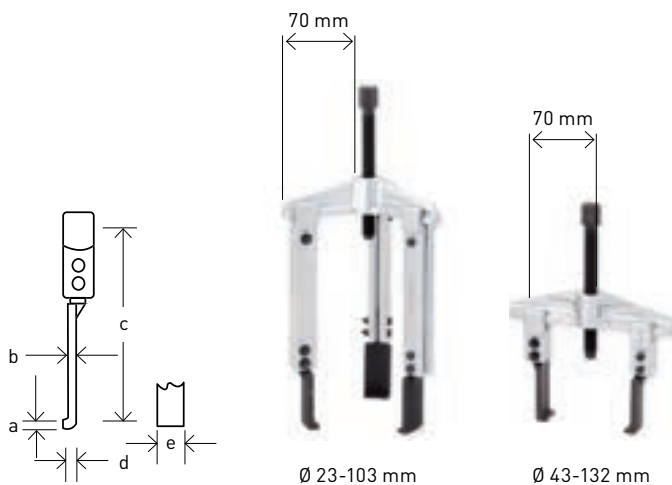
Universal puller set, 12 pcs.

Applicable for inside and outside pulling

For hard to reach places

Hooks in different lengths

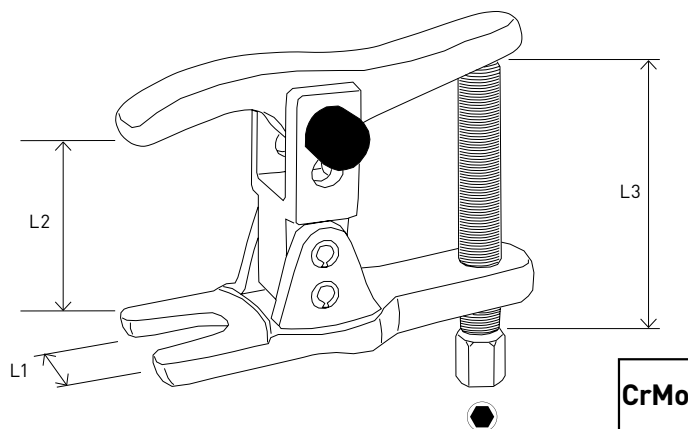
Usable as 2-arm or 3-arm puller



Art.	a	b	c	d	e
30402	3.6 mm	6 mm	100 mm	13 mm	27 mm
	3.6 mm	6 mm	200 mm	13 mm	27 mm
	3.6 mm	6 mm	250 mm	13 mm	27 mm

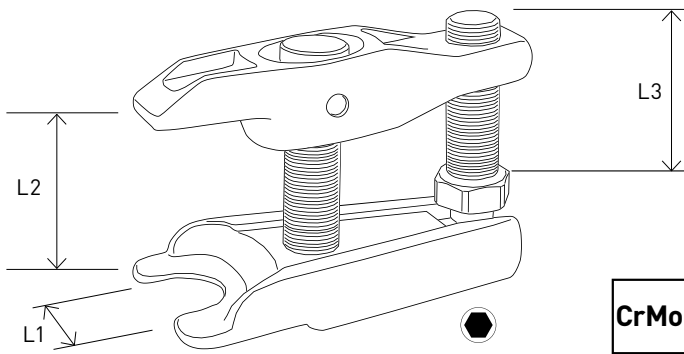
Ball joint puller

2-step adjustable, for pressing out the ball joints when removing ball joints from the stabiliser, steering knuckle, steering lever etc.



Art.	L1 mm	L2 mm	L3 mm	mm
30404	22	40-110	130	17

Universal ball joint puller
for pressing out the ball joints



CrMo

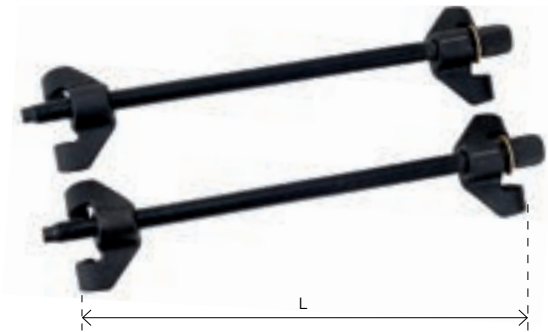


Art.	L1 mm	L2 mm	L3 mm	Ø mm
30405-20	20	50	54	19
30405-32	32	80	90	29

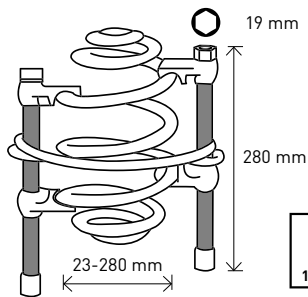
Coil spring compressor set
universal, for fitting and removing screw springs

CrMo

Art.	L mm
30406	300
30407	370



Universal coil spring compressor set
with telescope tube and safety bar



Max 1200 kg

Art.
30408



Brake caliper wire brush
Double row wire brush made of steel
Wires are made for narrow brake caliper shafts
With a slim and handy design

Steel

Art.	L mm
30209	220



8.4. CHASSIS, UNDERFLOOR & FRAMEWORK TOOLS

Universal caliper brake piston rewind kit set, 7 pcs.

Set including a two way spindle


2-pin and 3-pin universal brake piston adapters

Ideal for pushing and pulling the brake piston on floating brake calliper systems

For systems with or without hand brake securing devices

Central resetting without tilting

It is necessary to push the brake pistons back while carrying out maintenance

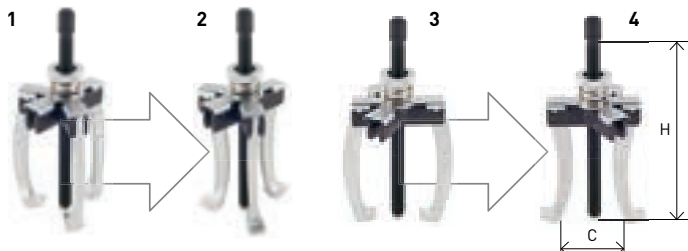
Art.	
30224	Alfa Romeo 164 2/0, Ford, Mazda, Saab 9000, Subaru, Nissan Primera, VW-Golf IV, Audi 80/90, V8 + 100, Ford Sierra ABS+ Scorpio ab 85, Honda Prelude, Nissan Silvia 1.8 turbo, Rover 8000, Saab 9000, Subaru L+Z, VW-Golf + Passat, Ford, Opel, Audi, BMW, Lancia, Proton, Renault, Rover, VW, Peugeot 307/308, Iveco Daily, VW Passat 2.0 TDI 09, Renault Laguna




Universal gear puller 4-in1

Applicable for inside or outside pulling

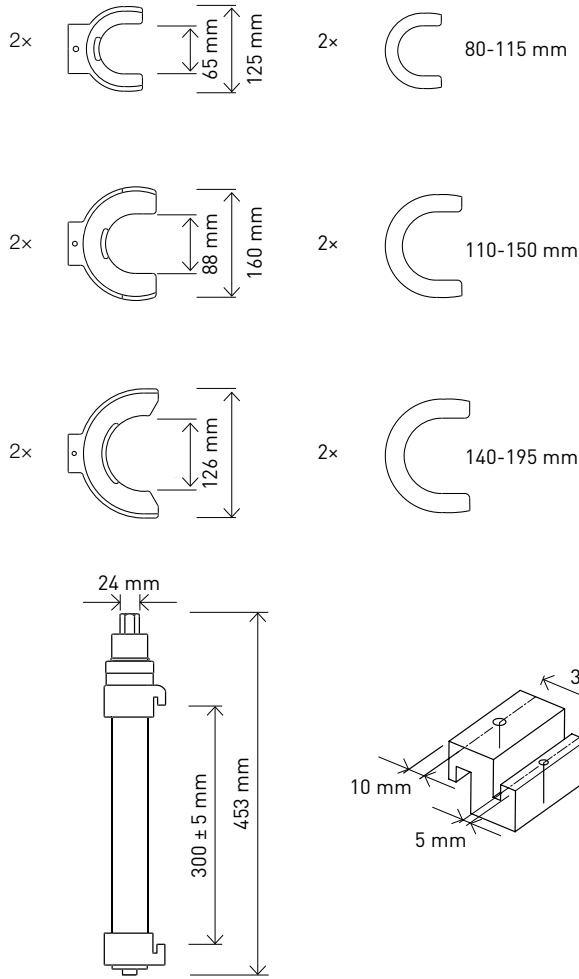
Applicable with 2 or 3 arms



Art.	C min. mm	C max. mm	H mm	 mm
4971-4	76	102	190	17
4971-7	76	178	270	19

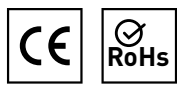
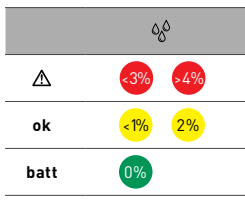
MacPherson type strut coil spring compressor kit

With 3 pairs of jaws Ø 90-160 mm
Exchangeable clamping plates, plastic-coated jaws protect the springs against damage of the anti-rust coating



Art.	
30409	Audi, BMW, Ford, Honda, Mitsubishi, Nissan, Porsche, Saab, Subaru, Toyota, Volvo, VW

Brake fluid tester
Checking the H2O content
With plastic safety cover
With automatic switch-off



Art.	L mm
31104	150



8.4. CHASSIS, UNDERFLOOR & FRAMEWORK TOOLS


Pneumatic tool for pushing back disc brake pistons 16 pcs.

- Clockwise and anticlockwise rotation
- For turning back and pressing the brake-pistons
- Comfortable and fast working due to compressed air spindle
- Automatic compensation of different thread pitches
- Rotational movement can be dosed by hand
- Adapter plates with drivers for holes in the brake piston
- Numbered adapter plates allow good assignment
- Magnetic spindle mounting plate
- Primarily used for rear axles with disc brakes
- Sandblasted surface
- Special steel in sturdy plastic case

Specification:

- 1x Ø 30 mm x 7 mm
- 3x Ø 32 mm x 4 mm
- 1x Ø 32 mm x 5 mm
- 1x Ø 35 mm x 10 mm
- 3x Ø 42 mm x 4 mm
- 1x Ø 47 mm x 7 mm
- 1x Ø 50 mm x 7 mm
- 1x Ø 53 mm x 4 mm
- 1x Ø 53 mm x 6 mm
- 1x Ø 55 mm x 13 mm
- 1x Ø 63 mm x 7 mm



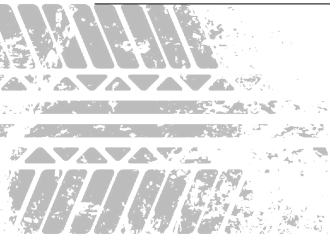
Art.	
501.001.002	Alfa, Audi, BMW, Citroën, Fiat, Ford, GM, Honda, Isuzu, Jaguar, Lancia, Mazda, Mercedes, Mitsubishi, MINI, Nissan, Opel, Peugeot, Renault, Rover, Saab, Seat, Subaru, Toyota, Volvo, VW

Brake piston return device for motorcycles

- The integrated lever can be used to turn the spindle
- Can also be used as a pressure tool for brake pistons without a rotary device

Art.	L
31602	1/4" ~ 2.14" / 6.4 mm ~ 58 mm





Cross rim wrench

For loosening and tightening wheel nuts

CrV

Art.	mm	mm	L mm
2585-12	17-19-22	1/2"	375
2585-34	24-27-32	3/4"	625

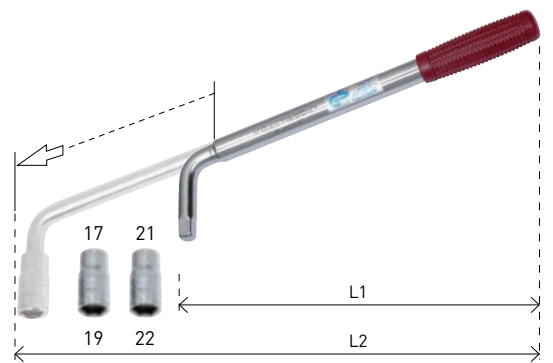


Wheel lever with 2 sockets

Rubberized handle

CrV

Art.	mm	L1 mm	L2 mm
2585-1721	17 x 19 / 21 x 22	370	525



Analog tire inflator

With a large display up to 12 bar and 174 psi
Protected against impact and strong rubber coated housing
Incl. 1/4" connector
3 in 1 function: measure tire pressure, inflate, deflate.



Art.	max. bar	L mm
31003	0-12 bar / 0-174 psi	210



8.5. WHEEL AND TYRE TOOLS

Digital tire filler

Tire inflator with digital display and backlight
 Measurements in bar, psi, kpa and kgf
 Ideal for setting and checking air pressure
 Rubber coated housing
 Incl. 1/4" connector




Art.	 max. bar	L mm
31004	0-12 bar / 0-174 psi	210



Tire tread gauge with LCD display

To measure the tire tread depth easily and simply

Art.	 mm
31009	10 × 100 × 200



Valve core torque tool

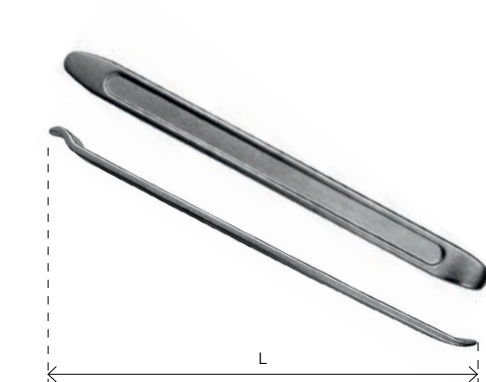
Prevents overtightening or severe squeezing of the rubber seal
 Noticeable achievement of the torque
 Durable and robust tool

Art.	Nm	L mm
3238	0.25	120
3239	0.45	120



Tyre lever

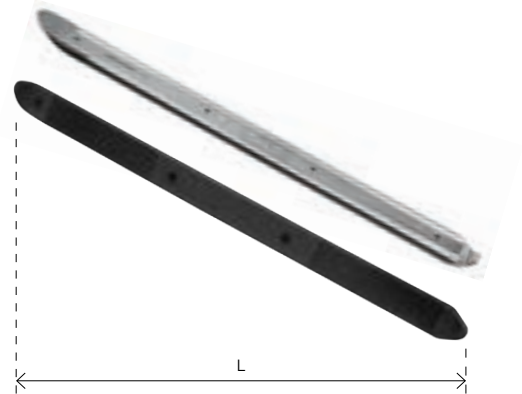
Art.	L mm
3337-200	200
3337-240	240
3337-280	280
3337-380	380
3337-650	650



Tyre lever with plastic coating 500 mm



Art.	L mm
3337-500	500



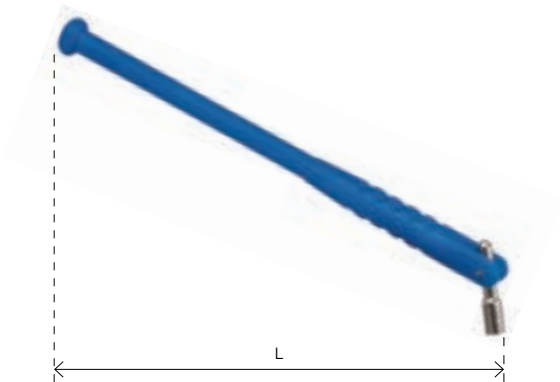
Release lever plastic hub caps with protective insulation


Art.	L mm
3337-300	300



Plastic tyre valve mounting tool

Art.	L mm
3339	250



 **Made in Germany**

Plier for tire balancing

For fixing, moving and loosening the weights of balance
With jaw for cutting weights of balance
Drop forged from special steel

CrV

Art.	L mm
4256-240	240



8.5. WHEEL AND TYRE TOOLS**Adhesive weight pliers**

For removing adhesive weights without scratching the aluminium rim.
Road salt, dirt, brake dust and aggressive cleaners can cause substantial oxidation damages with the smallest scratch.
As a result, the adhesive weight resolve itself along with the surface particle.
These consequential damages are from now on things of the past!



Art.	L mm
4257-240	240

**Professional tyre repair tool case**

Contains 100 mm vulcanising threads
Self-vulcanising material
Suitable for all tubeless tires
Contains everything you need for the repair
Easy to use
Ergonomic handle

Art.	
501.000.000	

**Tyre inflator with analogue pressure gauge**

Measuring range min. / max. 0.7-12 bar
Hose length 1.5 m
The following accessories are available:
Air connection nipple for DE/AT/SI/HU/CN/IN/PT/RU/PL/RO/TR 498.000.001
Air connection nipple for BE/FR/NL/CH 498.000.002
Air connection nipple for IT/ES/ARAB 498.000.003
1/4" adapter Mastair Art. 498.000.004
Air connection adapter nipple set for BE/FR/NL/CH 498.000.005
Replacement hose available separately: Art. 595.002.001

Art.	 max. bar	L mm
505.002.001	0,7-12 bar / 10-170 psi	365





Flashlights and headlamps

LED Aluminum Torch With Zoom

High performance 1 W LED
Operating time: 12 - 24 h
Premium aluminium housing
Zoom 0 to 5 m
Incl. 3 x AAA KW alkaline batteries

ALU

Art.	L / Ø mm	ΔD kg
32050	104 x 27 mm, Ø 33,5 mm	0.13



LED Aluminum Torch, rechargeable

With 6W CREE LED, zoom function and 3 illumination functions

Operating time: 2 - 12 h
Charging time: 3.5 - 4 h
3.7 V / 2000 mAh Li-ion battery
750 Lumen
7000 Kelvin
IP44

ALU

Included in delivery
Charger 230 V Art. 32054AL

Art.	L / Ø mm	ΔD kg
32054	160 mm, Ø 42 mm	0.34



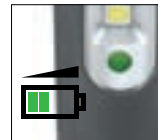
8.6. LIGHTING**Flashlights and headlamps****LED Penlight 140 gray, rechargeable**

With 6+1 SMD LED and a movable and magnetic pocket clip

Operating time: 2.5 - 3 h
 Charging time: 2.5 h
 In ballpoint-pen format
 Battery level indicator
 3.7 V / 650 mAh Li-ion battery
 80/540 Lux (1 m)
 100/140 Lumen
 5700 Kelvin
 IP20
 IK07

Included in delivery
 USB cable

Accessories
 Charger Art. 32070AL
 Car charger adapter 12/24 V Art. 32070DL



Art.	± mm	Δ kg
32058	29 × 21 × 169 mm	0.5

High Power LED Headlamp made of aluminium

With 3W CREE LED
 Dimmable, zoom function and blink mode
 Stepless adjustable illumination angle

Operating time: 4 - 12 h
 160 Lumen
 IP44

Accessories
 3 × AAA batteries (not included)



Art.	L / Ø mm	Δ kg
32061	45 mm, Ø 40 mm	0.15

LED headlamp H260 with motion sensor, rechargeable

360° rotatable and detachable lamp

Operating time: 2 - 4 h
 Charging time: 2.5 h
 Beam angle of 100°
 3.7 V / 1400 mAh Li-Po battery
 80/120 lux (1 m)
 150/260 Lumen
 6400 Kelvin
 IP44

Included in delivery
 Micro USB cable



Art.	± mm	Δ kg
702.003.000	55 × 80 × 45	0.19

Hand lamps

LED Inspection Lamp IN.UV 450, rechargeable

8 bright SMD-LED on the side, and 1 Power-LED in the lamp head plus 4 separate UV-LED in the lamp head. 2-sided infinitely variable 180° rotatable, 2 360° rotatable and foldable hooks, magnets on the back and in the base.

Operating time: 4.5 - 15 h
Charging time: 5.5 h
3.7 V / 4000 mAh Li-ion battery
80/450 Lumen
6500 Kelvin
IP54
IK07

Included in delivery
Charger 230 V Art. 32070AL

Accessories
Car charger adapter 12/24 V Art. 32070DL



Art.	± mm	Δ kg
32038	251 × 57 × 40	0.378



LED hand lamp IN.SPOT 400, rechargeable

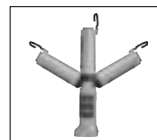
2-sided stepless 120° rotatable / 180° rotatable, strong magnet in the base and a rotating and folding hook in the head allow a variety of uses.

LED 3W / 1W
Nominal voltage 100-240 V ~ 50/60Hz
Luminous flux: 400 lm (3W) / 90lm (1W)
Colour temperature: 5700K
Li-ion 3.7 V 2600 mAh
Operating time: Approx. 6 h (3W), 10 h (1W)
Operating temperature: -10 °C ~ +40 °C
Charging time: Approx. 3.5 h
With 1 m USB-C cable
Protection class IP20
Impact protection IK07

Included in delivery
USB-C cable



Art.	± mm	Δ kg
701.001.001	90 × 50 × 290	0.335



LED hand lamp IN.VIEW 500, rechargeable

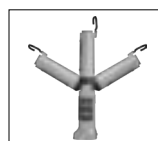
2-sided stepless 120° rotatable / 180° rotatable, strong magnet in the base and a rotating and folding hook in the head allow a variety of uses.

Light source: LED 3 W COB LED, 1 W SMD LED
 Operating time: Approx. 3.5 h (front), 10 h (torch)
 Charging time: Approx. 4 h
 Li-ion 3.7 V 2600mAh Battery
 Nominal voltage 100-240 V ~ 50/60Hz
 Colour temperature: 5700K
 Luminous flux: 500 lm (front) / 70lm (torch)
 Operating temperature -10 °C ~ +40 °C
 Protection class IP20
 Impact protection IK07
 With 1 m USB-C cable

Included in delivery
 USB-C cable



Art.	± mm	Δ kg
701.001.002	290 × 66 × 49	0.335

**LED hand lamp IN.VIEW.SLIM 500, rechargeable**

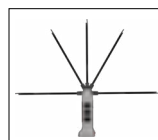
Sturdy, impact resistant design with the head housing made of aluminum and 180° rotatable. For a wide range of applications, a strong magnet is built into the base and an additional foldable hook is built into the head.

LED 4.5 W COB, 1 W SMD
 Operating time: 3.5 h (4.5W) / 10 h (1W)
 Charging time: 4 h
 4.5 W COB LED on the front side
 1 W SMD LED in the lamp head
 Battery 3.7 V / 2600 mAh Li-Ion battery
 Rated voltage 100-240 V ~ 50/60Hz
 Lumen 500 (4.5W) / 80 (1W)
 Kelvin 5700 K
 Operating temperature up to -10 °C ~ +40 °C
 IP protection degree IP20
 Impact resistance grade IK07
 USB-C connector

Included in delivery
 USB-C cable



Art.	± mm	Δ kg
701.001.003	56 × 43 × 358	0.31



LED Inspection Lamp SLIMFLEX, rechargeable

Operating time: 3 - 8 h

Charging time: 3 h

Illumination also possible in places with difficult access

Dimmable brightness levels

Equipped with magnets

In folded state the lamp also works as a torch

3.3 W SMD LED on side

1 W SMD LED in lamp head

3.7 V / 2000 mAh Li-ion battery

25/105 Lux (1 m)

70/400 Lumen

5700 Kelvin

IP20

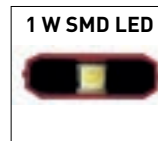
IK07

Included in delivery

Charger 230 V Art. 3270AL



Art.	⊕ mm	Δ kg
32085	65 × 48 × 168	0.38



LED Handlamp, WI600 Wireless rechargeable

Wireless hand lamp with USB type C charging port

Operating time: 2.5 - 5 h

Charging time: 4 - 5 h

6 W COB LED on the front panel

1 W SMD LED in lamp head

Equipped with magnets and hooks

3.7 V / 1500 mAh LiPo battery

967 - 1120 lux (0.5 m)

100 - 600 lumen

5700 Kelvin

IP65

IK08



Art.	⊕ mm	Δ kg
701.002.000	210 × 55 × 40	0.3



LED Handlamp WI300, Wireless rechargeable

Wireless hand lamp with USB-C charging port

Operating time: 2.5 - 6 h

Charging time: 2.5 - 3.5 h

3 W COB LED on the front panel

1 W SMD LED in lamp head

Equipped with magnets and hooks

3.7 V / 2600 mAh Li-Ion battery

995-1670 lux (0.5 m)

100 - 300 lumen

5700 Kelvin

IP65

IK08



Art.	⊕ mm	Δ kg
701.002.001	135 × 65 × 25	0.19





2 × LED Handlamp, WI300 + WI600, Wireless rechargeable

Wireless hand lamps with USB type C charging port

WI600

Operating time: 2.5 - 5 h
 Charging time: 4 -4.5 h
 6W COB LED on the front panel
 1 W SMD LED in lamp head
 3.7 V / 1500 mAh LiPo battery
 967 - 1120 lux (0.5 m)
 100 - 600 lumen
 5700 Kelvin
 IP65
 IK08

WI300

Operating time: 2.5 - 6 h
 Charging time: 2.5 - 3.5 h
 3 W COB LED on the front panel
 1 W SMD LED in lamp head
 3.7 V / 2600 mAh Li-Ion battery
 995-1670 lux (0.5 m)
 100 - 300 lumen
 5700 Kelvin
 IP65
 IK08

Wireless charger for 2 lamps and USB type C connector
 (LED Handlamp 701.002.000 / 702.000.001)
 2.5 - 4 h Charging time
 5 V / 1 A Input
 5 V / 1 A USB Output
 IP65
 IK08

LED Handlamp WI300, Wireless rechargeable

Wireless hand lamp with USB-C charging port

Operating time: 2.5 - 6 h
 Charging time: 2.5 - 3.5 h
 3 W COB LED on the front panel
 1 W SMD LED in lamp head
 Equipped with magnets and hooks

3.7 V / 2600 mAh Li-Ion battery
 995-1670 lux (0.5 m)
 100 - 300 lumen
 5700 Kelvin
 IP65
 IK08

Wireless charger and USB type C connector
 2.5 - 4 h Charging time
 5 V / 1 A Input
 5 V / 1 A USB Output
 IP65
 IK08



Art.

701.010.001

LED Handlamp, WI600 Wireless rechargeable

Wireless hand lamp with USB type C charging port

Operating time: 2.5 - 5 h
 Charging time: 4 - 5 h
 6 W COB LED on the front panel
 1 W SMD LED in lamp head
 Equipped with magnets and hooks

3.7 V / 1500 mAh LiPo battery
 967 - 1120 lux (0.5 m)
 100 - 600 lumen
 5700 Kelvin
 IP65
 IK08

Wireless charger with USB type C charging port
 Charging time: 2.5 - 4 h
 5 V / 1 A Input
 5 V / 1 A USB Output
 IP65
 IK08



Art.

701.010.002



Art.

701.010.003

LED Inspection lamp COMPACT MINI 180, rechargeable

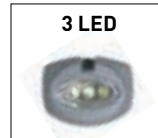
3 additional LEDs in lamp head
Pivots by 270° on both sides
Magnet in the base and on rear

Operating time: 2 - 15 h
Charging time: 2 h
3.7 V / 800 mAh Li-ion battery
50/200 Lux (1 m)
15/180 Lumen
IP20
6000 Kelvin

Included in delivery
Micro USB cable



Art.	⊕ mm	Δ kg
32069	50 × 50 × 176	0.19



LED Inspection lamp COMPACT 500, rechargeable

Pivots stepless by 180° on 2 sides
With magnet on rear and integrated hook

Operating time: 2 - 10.5 h
Charging time: 3.5 h
3.2 W COB LED on side
1.4 W SMD LED in lamp head
2 × 3.7 V / 2600 mAh Li-ion battery
40 - 750 Lux (1 m)
100 - 500 Lumen
6000 Kelvin
IP54
IK07

Included in delivery
Charger and charging cable Micro-USB, 5 V / 1 A
Art. 798.000.002



Art.	⊕ mm	Δ kg
701.000.000	80 × 62 × 205	0.25



LED Inspection lamp COMPACT 600, rechargeable

1 additional LED in lamp head
2-sided, infinitely variable 180° swivel movement
2 strong, built-in magnets on the back and underside
Rotatable and foldable hook in the head

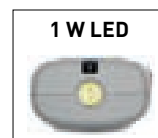
Operating time: 4 h
Charging time: 3.5 h
3.7 V/2600 mAh Li-ion battery
100/600 Lumen

Included in delivery
USB-C cable

Accessories
Adapter 701.798.001



Art.	⊕ mm	Δ kg
701.001.000	87 × 85 × 200	0.39



**LED Work light W1000, rechargeable**

Compact and powerful work light in the shape of a steering wheel, dimmable brightness levels, strong magnetic base and can be swivelled through 170°.

Operating time: 4 h
 Charging time: 4 h
 10 W COB LED
 7.4 V / 2200 mAh Li-ion battery
 400 - 1000 Lumen
 6400 Kelvin
 IP65

Included in delivery
 Charger 230 V Art. 32078AL
 Car charger adapter 12 / 24 V Art. 32078DL



Art.	± mm	Δ kg
32078	55 × 172 × 150	0.72

LED Work light W1000, rechargeable

Compact and powerful work light in the shape of a steering wheel, dimmable brightness levels, strong magnetic base and can be swivelled through 170°.

Operating time: 4 h
 Charging time: 4 h
 10 W COB LED
 7.4 V / 2200 mAh Li-ion battery
 400 - 1000 Lumen
 6400 Kelvin
 IP65

Included in delivery
 Charger 230 V Art. 32078AL
 Car charger adapter 12 / 24 V Art. 32078DL



Art.	± mm	Δ kg
32078-03	min. 1200 - max. 1900 mm	1.96

Bracket for W1000

Art.	± mm	Δ kg
32078-02	200 × 100 × 100	0.1



LED Work lamp T1000, rechargeable

Compact, rechargeable SMD-LED work lamp with USB Type C Charging port

Operating time: 2.5 - 6 h
Charging time: 4 h
Beam angle of 100°
210° rotatable
3.7 V / 4000 mAh Li-Ion battery
360 lux (1 m)
1000 Lumen
6000 Kelvin
IP65
IK08

Included in delivery
USB-C cable

ABS

Art.	± mm	Δ kg
702.001.000	133 × 173 × 43	0.4






LED Work light T5000

Robust and impact proof plastic housing with edge protection
2 SCHUKO sockets: on the back side

47 Watt
120 SMD LED
1860 Lux (1 m)
5000 Lumen
6000 Kelvin
IP54
5 m cable
230 VAC supply voltage

ABS

Art.	Plug socket	Type
32080	2× SCHUKO sockets (Type F)	
32080F	2× SCHUKO sockets (Type E)	
32080CH	2× T13 sockets	






± 278 × 363 × 98 mm | Δ 2.7 kg

LED work light T5000 with extensible telescope

3-legs metal construction for good balance
Lamp rotating 360°
Extendable from 69 to 165 cm
European plug

ABS

Art.	Plug socket	Type
32080C	2× SCHUKO sockets (Type F)	
32080FC	2× SCHUKO sockets (Type E)	
32080CHC	2× T13 sockets	






LED work light T2500

Robust and impact proof plastic housing with edge protection

24 Watt
 64 SMD LED
 Energy class A++
 930 Lux (1 m)
 2500 Lumen
 6000 Kelvin
 IP54
 3 m cable
 230 VAC supply voltage

ABS

Art.		Δ kg
32081		1.1
32081C		2.69

+ 215 × 90 × 275 mm | Δ 1.1 kg

32081C

LED Work light FLEDDOT 600, rechargeable

Equipped with magnets and hooks, rotatable through 360° with a 100° beam angle

Operating time: 1.5 - 3 h
 Charging time: 4 h
 With magnet on rear and integrated hook
 3.7 V / 2600 mAh Li-ion battery
 170/330 Lux (1 m)
 300/600 Lumen
 6400 Kelvin
 IP65

Accessories
 Charger with USB-C connection
 Art. 701.798.001



Included in delivery
 USB-C cable

Art.	\pm mm	Δ kg
702.000.000	10 × 90 × 60	0.3

**LED work light HEXA 2000, rechargeable**

The characteristic hexagonal aluminium housing is equipped with rubberised edge protection. The integrated and flexible base can be swivelled through 180° and mounted on tripods.

Operating time: 2.5 - 10 h
 3 Illumination levels: 25/50/100 %
 Charging time: 3.5 h
 20 W
 11.1 V / 4400 mAh Li-ion battery
 500/1000/2000 Lumen
 6000 Kelvin
 IP65
 IK07

Included in delivery
 Charger 100-240 V Art. 32037AL

ALU

Art.	\pm mm	Δ kg
32037	220 × 225 × 70	1.135





1 - Rotate	7 h
2 - Quad flash	7 h
3 - Single blink	50 h
4 - Alternating blinks	7 h
5 - SOS rescue (morse code)	12 h
6 - Steady on - high	4 h
7 - Steady on - low	30 h
8 - 2 LED flashlight	7 h
9 - 4 LED flashlight	5 h
10 - Off	

LED Warning light set, rechargeable

Warning light, magnetic and with hook in 9 different light patterns
Operating time: 4 - 50 h
Charging time: 2 - 3 h

9.6 W 16 LED
IK20 T
IP67
Li-Ion 3.7 V 750 mAh
100-240 V AC



Art.	± mm	Δ kg
702.000.002	206 × 190 × 47	2.13

LED warning light incl. individual battery, not rechargeable

with hook in 9 different light patterns

9.6 W 16 LED
IK20 T
IP67
CR123 3 V 1300 mAh (incl.)



1 - Rotate	15 h
2 - Quad flash	15 h
3 - Single blink	100 h
4 - Alternating blinks	15 h
5 - SOS rescue (morse code)	24 h
6 - Steady on - high	8 h
7 - Steady on - low	10 h
8 - 2 LED flashlight	15 h
9 - 4 LED flashlight	19 h
10 - Off	



Art.	± mm	Δ kg
702.000.001	111 × 108 × 35	0.284

8.6. LIGHTING



Charger 230 V, Micro-USB
for Art. 32058 / PENLIGHT 140
for Art. 32085 / SLIMFLEX

Art.

32070AL



Car charging adapter 3.7 V 12-24 V
for Art. 32038 / IN.UV 450
for Art. 32058 / PENLIGHT 140

Art.

32070DL



Charger 12V
for Art. 32078 / W1000

Art.

32078AL



Car charging adapter 12V
for Art. 32078 / W1000

Art.

32078DL



Wireless charger and USB type C connection
for item 701.002.000 / WI600
for art. 701.002.001 / WI300

Art.

798.000.003



Wireless charger and USB type C connection for 2 lamps
for art. 701.002.000 / WI600
for art. 701.002.001 / WI300

Art.

798.000.004



Battery, 3.6 V, 2600 mAh, Li-Ion 18650
for Art. 701.000.000 / COMPACT 500

Art.

798.000.001



Charger and charging cable Micro-USB, 5 V / 1 A
for item 701.000.000

Art.

798.000.002



Charger for hand lamps with USB-C connection
Art. 701.001.001 / IN.SPOT 400
Art. 701.001.003 / IN.VIEW.SLIM 500

Art.

701.798.001



**AC-charger 15.0 V / 1.5 A
100-240 V**

Art.

32037AL



**AC-charger 32054 3.7 V 0.4 A
100-240 V**

Art.

32054AL



**Telescope tripod for lights
32027/32030/32037/32039**

Art.

32025-3



Telescopic bar for W1000

Art.

32078-01



Bracket for W1000

Art.

32078-02



Charger-base for 32032

Art.






32032LS








8.6. LIGHTING








Art. No.		Art. No.		Art. No.		Art. No.		Art. No.	
1350-2	311	2139	271	2336NY	309	2592-11	169	2598-09	171
1350-3	311	2187	257	2336PU	309	2592-13	169	2598-10	171
1350-4	311	2211	297	2339	308	2592-17	169	2598-11	171
1350-5	311	2212	297	2340	308	2592-19	169	2598-12	171
1350-6	311	2212-A2	295	2342	308	2593-02	269	2598-13	171
1350-8	311	2213-A21	295	2345	308	2593-025	269	2598-14	171
1355-2	312	2214-J2	296	2368	308	2593-03	269	2598-15	171
1355-3	312	2215-J21	296	2376	308	2593-04	269	2598-16	171
1355-4	312	2216-180	289	2378	308	2593-05	269	2598-17	171
1355-5	312	2216-200	289	2380	308	2593-06	269	2598-18	171
1355-6	312	2217-250	289	2381	308	2593-07	269	2598-19	171
1358-1	313	2217-280	289	2383	308	2593-08	269	2598-20	171
1358-2	313	2221-180	290	2385	307	2593-10	269	2598-21	171
1365-12	314	2221-250	290	2387	307	2594-10	269	2598-22	171
1365-18	314	2221-300	290	2390	307	2594-15	269	2598-23	171
1368-5	314	2223	298	2392	307	2594-20	269	2598-24	171
1368-7	314	2223-01	298	2395	307	2594-25	269	2598-25	171
1374	316	2223-2.4	298	2404	165	2594-27	269	2598-26	171
2000	178	2223-3.2	298	2406	165	2594-30	269	2598-27	171
2000E	178	2223-4.0	298	2408	165	2594-40	269	2598-28	171
2010	178	2224	298	2410	165	2594-45	269	2598-29	171
2010E	178	2225	304	2412	165	2594-50	269	2598-30	171
2020	178	2230	323	2415	165	2597-06	170	2598-32	171
2020E	178	2231	287	2418	165	2597-07	170	2598-34	171
2025	216	2232	287	2585-12	442	2597-08	170	2598-99	171
2026	216	2233	288	2585-1721	442	2597-09	170	2599-01	173
2035	376	2234	286	2585-34	442	2597-10	170	2599-0607	173
2035A12	364	2235	286	2589-0010	419	2597-11	170	2599-0809	173
2035B38	363	2236	286	2589-01	172	2597-12	170	2599-1011	173
2035F06	363	2238	288	2589-02	172	2597-13	170	2599-1012	172
2035F08	363	2240	325	2589-0607	172	2597-14	170	2599-1213	173
2035F10	363	2241	327	2589-0809	172	2597-15	170	2599-1415	173
2035F12	363	2242	327	2589-1011	172	2597-16	170	2599-1617	173
2035PH1	363	2243	327	2589-1213	172	2597-17	170	2599-1819	173
2035PH2	363	2245	328	2589-1415	172	2597-18	170	2599-2022	173
2035PH3	363	2246	328	2589-1617	172	2597-19	170	2599-2123	173
2035PH4	363	2251	325	2589-1819	172	2597-20	170	2599-2427	173
2035S	376	2252-225	294	2589-2022	172	2597-21	170	2599-2528	173
2035T30	363	2253-200	294	2589-2123	172	2597-22	170	2599-3032	173
2035T40	363	2254-275	294	2589-2427	172	2597-23	170	2599-3457	172
2035T45	363	2256	305	2589-2528	172	2597-24	170	2661-5	355
2035T50	363	2262-07	305	2589-3032	172	2597-25	170	2662-5	355
2036	376	2301	307	2589-5810	172	2597-26	170	2663-5	355
2037	247	2302	307	2590-0809	168	2597-27	170	2665-5	355
2038.1	247	2303	307	2590-1011	168	2597-28	170	2667-5	355
2038.2	247	2304	307	2590-1213	168	2597-29	170	2668-5	355
2039	366	2305	307	2590-1617	168	2597-30	170	2669-5	355
2045	245	2308	307	2590-3814	168	2597-32	170	2671-5	355
2053	218	2310	307	2591-16	169	2597-99	170	2672-5	355
2056	217	2315	307	2591-21	169	2598-06	171	2673-5	355
2057	217	2320	309	2592-08	169	2598-07	171	2674-5	355
2138	271	2336	309	2592-10	169	2598-08	171	2676-5	354

Art. No.		Art. No.		Art. No.		Art. No.		Art. No.	
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2678-5	354	2734-5	354	2804-5	356	3057	378	3157	271
2679-5	354	2734-50	354	2811-10	357	3057-02	377	3177	260
2680-5	354	2735-10	354	2811-5	357	3057-03	377	3177-0	259
2681-5	354	2735-5	354	2812-10	357	3057-04	377	3177-00	259
2683-5	355	2735-50	354	2812-25	357	3057-05	377	3177-1	259
2684-5	355	2736-10	354	2812-5	357	3057-06	377	3177-15	259
2685-5	355	2736-5	354	2813-5	357	3057-07	377	3177-20	259
2686-5	355	2736-50	354	2814-5	357	3057-08	377	3177-24	259
2687-5	355	2737-10	354	2821-5	356	3057-10	377	3177-30	259
2688-5	355	2737-5	354	2822-5	356	3057-12	377	3177-35	259
2689-5	356	2738-5	354	2823-5	356	3057-14	377	3177-40	259
2690-5	357	2739-5	354	2824-5	356	3057-16	377	3178-06	259
2694	364	2741-10	354	2825-5	356	3058	379	3178-07	259
2696-5	356	2741-5	354	2826-5	356	3058-10	379	3178-08	259
2697-5	357	2742-10	354	2831-5	357	3058-11	379	3178-09	259
2700	366	2742-5	354	2832-10	357	3058-12	379	3178-1	259
2701-10	353	2743-10	354	2832-5	357	3058-13	379	3178-15	259
2701-5	353	2743-5	354	2833-10	357	3058-14	379	3178-20	259
2701-50	353	2744-10	354	2833-5	357	3058-15	379	3178	260
2702-10	353	2744-5	354	2834-10	357	3058-16	379	3180	261
2702-5	353	2745-5	354	2834-5	357	3058-17	379	3181	261
2702-50	353	2746-5	354	2835-10	357	3058-19	379	3182	261
2703-10	353	2749-5	354	2835-5	357	3059	377	3195	409
2703-5	353	2750	364	2836-5	357	3059-1	377	3196	409
2704-5	353	2750-1	364	2837-5	357	3059-2	377	3197	409
2705-5	353	2751-5	354	2841-5	357	3059-3	377	3198	409
2711-10	353	2752-5	354	2842-5	357	3059-4	377	3201B	175
2711-5	353	2753-5	354	2843-5	357	3059-5	377	3201F	175
2711-50	353	2754-5	354	2844-5	357	3059-6	377	3208	176
2712-10	353	2755-5	354	2845-5	357	3060	378	3218	176
2712-5	353	2756-5	354	2846-5	357	3060-06	378	3228	176
2712-50	353	2757-5	354	2850-5	358	3060-08	378	3231	241
2713-10	353	2758	370	2860-5	358	3060-10	378	3232	241
2713-5	353	2760	203, 363	2949-1	408	3060-12	378	3233	241
2713-50	353	2761	205	2949-2	408	3083	220	3234	241
2714-5	353	2761	364	2949-3	408	3084	218	3235	241
2721-5	353	2764	364	2950	408	3086	219	3235-G13	243
2722-5	353	2765	365	2951	408	3087	219	3235-G14	243
2723-5	353	2765-1	365	2961	410	3089	219	3235-G15	243
2724-5	353	2768	365	2962	410	3090	231	3235-G17	243
2725-5	353	2770-5	356	2963	410	3091	231	3235-G19	243
2726-5	353	2778	373	2964	410	3092	231	3235-G22	243
2730-5	354	2780	369	2970	350	3093	231	3235-G24	243
2731-10	354	2783	369	2972	350	3094	231	3235-G27	243
2731-5	354	2786	369	2974	351	3094B	231	3235-G30	243
2732-10	354	2790	369	2975	351	3095	231	3235GK1	243
2732-5	354	2801-10	356	2976	349	3095B	231	3235GK2	243
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



















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



















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	Number of drawers
	Acrylonitrile butadiene styrene
	Aluminium
	Chromium-molybdenum
	Chrome vanadium
	Stainless steel
	Inch sizes
	S2 steel (chrome-silicium-manganese-molybdenum-vanadium-steel)
	Extra long pattern
	Short pattern
	Use with impact wrenches
	Aluminium rims
	Magnetic
	Ejection ratchet
	Flexible
	Glass-fibre reinforced plastic
	Hickory wood
	Polyurethane
	Polycarbonate
	Nylon
	Nitrile
	Nickel-chromium-molybdenum
	Steel

	Alloyed steel
	ESD handle against electrostatic. Does not provide protection for electric voltage!
	Ratchet mechanism, number of teeth per turn
	TÜV-GS - approved
	Lifting capacity in tons
	Maximum load capacity in KG
	Torque range
	Water resistant
	Right / left switchable
	Hardness grade
	Locking device
	High-density polyethylene
	Wear eye protection
	Wear hand protection
	Cable
	Copper wire
	Soft wire
	Medium hard wire
	Hard wire
	Piano wire
	Steel wire
	Pieces per item



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