

International

EN

haupa®

Product Portfolio 2024



haupa.com

HAUPA | Quality tools and connection technology for the electrical trade and the electrical industry.

HAUPA stands for hand tools of the highest quality and safety for the electrical engineer. With our products, we always pay attention to the **HAUPAplus**; the special advantage for our customers. Our passion is to build a good, reliable and safe tool, which the user will enjoy for a long time.

Trust for over 60 years

Hans-Udo Paas founded **HAUPA** in 1961 in Remscheid, the heart of the tool industry. Over more than 60-year history of the company, our medium-sized, value-oriented family business has developed into a globally active company. The recipe for success and our stable growth is the combination of **tradition, experience, expertise and innovation**. It is our constant endeavour to develop products of the highest precision, which offer the electrical engineer added value.



QUALITY and SAFETY are hugely important to us!

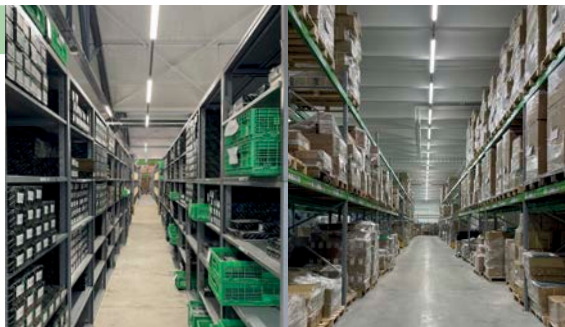
Our product portfolio includes high-quality system tools and certified cable connection technology for the electrical trade and the electrical industry. In addition, we produce and market a wide range of basic tools for professional use in electrical engineering. The high **quality** of the products is the top priority at **HAUPA**. To ensure this, we constantly carry out **quality checks** in-house.

In recent years, our range has been expanded many times over. In order to be able to serve and satisfy our customers beyond electrical engineering, we are always busy adding new tools and accessories to our portfolio. This allows us to provide a central point of contact in the most diverse fields of the electrical trade.



Logistics and shipping

Thanks to our modern warehouse in Remscheid, we always have a large proportion of our products in stock. Our experienced logistics team strives to ensure that our goods usually make their way to the customer on the day of the order. **Customer satisfaction, your trust and on-time delivery** are our most important goals!



Competent contact person

We personally take care of the questions and problems of our customers. When you get in touch with us, you can be sure that we will help you. Our on-site employees are **professionals in the field**, and some have worked as electrical engineers themselves, making them the **perfect contact person for you**.

If you are not sure which materials you can process with which tool, we would be delighted to help - and answer all other questions, too!



PVC pipe cutters

PVC pipe cutter



Art. No.	∅	kg	PU
200214	0 - 35	0,235	1
200215	spare blades	0,040	1

PVC pipe cutter



Art. No.	∅	kg	PU
200216	0 - 42	0,270	1
200217	spare blades	0,055	1

PVC pipe cutter (with ratchet)



Art. No.	∅	kg	PU
200218	0 - 63	0,270	1
200219	replacement blade	0,055	1

Corrugated tube cutter



Art. No.	∅	kg	PU
200208	14 - 45	0,111	1

Cable cutters

Allround soft-grip scissors



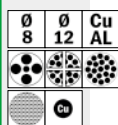
Art. No.	mm	mm ²	kg	PU
200155 *	140	25	0,086	1

Allround soft-grip scissors



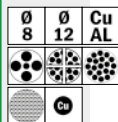
Art. No.	mm	mm ²	kg	PU
200185 *	150	50	0,083	1

Cable cutter



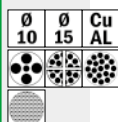
Art. No.	mm	∅	mm ²	kg	PU
201085 *	160	8	16	0,177	1
201087	200	12	35	0,289	1

Cable cutter



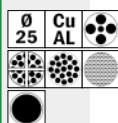
Art. No.	mm	∅	mm ²	kg	PU
201086	180	8	16	0,216	1
201088	240	12	35	0,361	1

Cable cutters with spring joint



Art. No.	mm	∅	mm ²	kg	PU
200086 *	170	10	25	0,266	1
200088 *	230	15	70	0,475	1

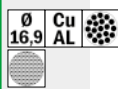
Cable cutter



Art. No.	mm	∅	mm ²	kg	PU
200105	215	25	70	0,281	1

Cable cutter with a snap

for fine wired cable



Art. No.	mm	∅	mm ²	kg	PU
201002 *	180	16,9	70	0,241	1

Cable cutter with a snap

for fine wired cable

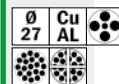


Art. No.	mm	∅	mm ²	kg	PU
201000	230	18,9	120	0,514	1

	single wire		wire rope
	multi-wire		armoured steel cable (SWA)
	sector-shaped		ACSR
	fine wire		bolt
	communication		solid steel
			solid Cu

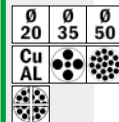
Cable cutters

Cable cutter



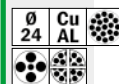
Art. No.	mm	∅	mm ²	kg	PU
200087	500	27	150	1,026	1

Cable cutters



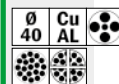
Art. No.	mm	∅	mm ²	kg	PU
200073	300	20	120	0,620	1
200073/MK	cutting head			0,190	1
200095	530	35	185	1,652	1
200095/MK	cutting head			0,610	1
200099	780	50	400	3,380	1
200099/MK	cutting head			1,202	1

Cable cutters „Super light“



Art. No.	mm	∅	mm ²	kg	PU
200197	700	24	120	1,839	1

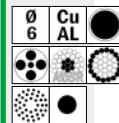
Cable cutter



Art. No.	mm	∅	mm ²	kg	PU
200100	980	40	400	3,920	1
200104	cutting head			0,606	1

Wire cutters (ACSR)

Wire cutter

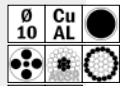


Art. No.	mm	∅	mm ²	kg	PU
200173 *	180	6	10	0,306	1

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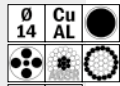
... convincing solutions

Wire cutter



Art. No.	↔	Ø mm ²	kg	PU
200175	180	10	95	0,752 1

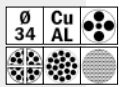
Wire cutter



Art. No.	↔	Ø mm ²	kg	PU
200181	700	14	150	2,390 1

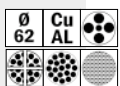
Cable cutters

Hand cable cutter



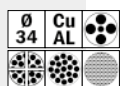
Art. No.	↔	Ø mm ²	kg	PU
200089-1 *	260	34	300	0,6 1

Hand cable cutter



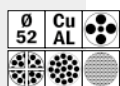
Art. No.	↔	Ø mm ²	kg	PU
200183-1 *	297	62	480	0,82 1

Cable cutter



Art. No.	↔	Ø mm ²	kg	PU
200111	250	34	185	0,790 1

Cable cutter

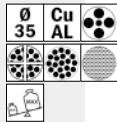


Art. No.	↔	Ø mm ²	kg	PU
200112	320	52	400	1,122 1

	single wire		wire rope
	multi-wire		armoured steel cable (SWA)
	sector-shaped		ACSR
	fine wire		bolt
	communication		solid steel
			solid Cu

Cable cutter

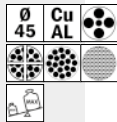
leveraged, power saving of up to 50%



Art. No.	↔	Ø mm ²	kg	PU
200113	250	35	240	0,976 1

Cable cutter

leveraged, power saving of up to 50%

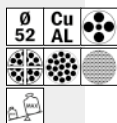


Art. No.	↔	Ø mm ²	kg	PU
200177	260	45	300	0,900 1

Cable cutters with eccentric drive

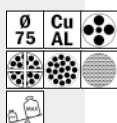
Cable cutter

leveraged, power saving of up to 50%



Art. No.	↔	Ø mm ²	kg	PU
200114	325	52	400	1,340 1

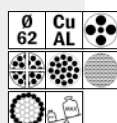
Special cable cutter



Art. No.	↔	Ø mm ²	kg	PU
200116	370	75	300	1,585 1

Cable cutter

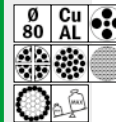
leveraged



Art. No.	↔	Ø mm ²	kg	PU
200115	410	62	750	2,224 1

Cable cutter

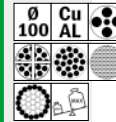
also suitable for cables with steel sheet jacket and soft steel wire reinforcement, ST 52



Art. No.	↔	Ø mm ²	kg	PU
200119	610	80	1000	3,322 1

Cable cutter

leveraged, also suitable for cables with steel sheet jacket and softsteel wire reinforcement, ST 52



Art. No.	↔	Ø mm ²	kg	PU
200179	610	100	1400	3,000 1

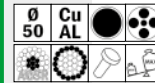
Special cable cutters

Universal cable cutter with eccentric drive

leveraged

Complete set:

- Universal cable cutter
- 1 pair of cutting segments S1 (Art. 200178/S1)
- Cleaner
- ACSR



PDF 200178



Art. No.	↔	Ø mm ²	kg	PU
200178	230	50	300	1,140 1

Further accessories for cable cutter item no. 200178

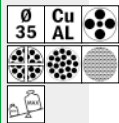


Art. No.	Ø	mm ²	kg	PU
200178/B	30	150	0,100	1
200178/C	30	150	0,100	1
200178/S	50	350	0,100	1
200178/S1	50	300	0,100	1
200178/S2	50	200	0,100	1

Front cable cutters with eccentric drive

Front cable cutter with eccentric drive

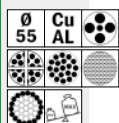
leveraged



Art. No.	mm ²	∅	kg	PU
200131	330	240	35	1,673

Front cable cutter with eccentric drive

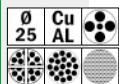
leveraged,
also suitable for cables with steel sheet jacket
and softsteel wire reinforcement, ST 52



Art. No.	mm ²	∅	kg	PU
200151	485	550	55	3,493

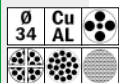
Front cable cutters

Front cable cutter



Art. No.	∅	mm ²	kg	PU
200124	245	25	120	1,020

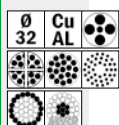
Front cable cutter



Art. No.	mm ²	∅	kg	PU
200126	185	330	34	1,541

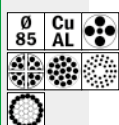
Hydraulic cable cutters

Hydraulic cutter „HH 85-ST“



Art. No.	∅	kg	PU
216402	580	32	5,300

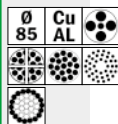
Hydraulic cutter „HH 85-ST“



Art. No.	∅	kg	PU
216404	690	85	6,830

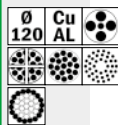
Hydraulic cutting headstocks

Hydraulic cutting headstock



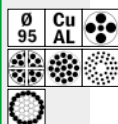
Art. No.	∅	kg	PU
216408	85	5,020	1

Hydraulic cutting headstock



Art. No.	∅	kg	PU
216410	120	14,600	1

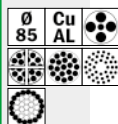
Hydraulic cutting headstock



Art. No.	∅	kg	PU
216415	95	11,300	1

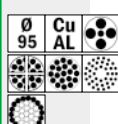
Safety cutting equipment

Hydraulic safety life line cable cutter



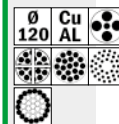
Art. No.	∅	bar	kg	PU
216417	85	625	32,000	1

Hydraulic safety life line cable cutter



Art. No.	∅	bar	kg	PU
216421	95	625	33,000	1

Hydraulic safety life line cable cutter

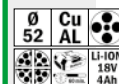


Art. No.	∅	bar	kg	PU
216416	120	625	36,600	1
216416/850	120	850	36,600	1

Battery powered cable cutters

Battery powered cable cutter „AS-52“

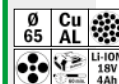
- for copper and aluminium cable
- diameter up to 52 mm



Art. No.	∅	kg	PU
216434-1	52	7,130	1
216434-1-NO	52	3,100	1
216434-1-N	52	3,000	1

Battery powered cable cutter „AS-65“

- for copper and aluminium cable
- diameter up to 65 mm



Art. No.	∅	kg	PU
216435-1	65	7,130	1
216435-1-NO	65	3,100	1
216435-1-N	65	3,000	1

Scope of delivery for all battery-hydraulic cable cutters:
1 tool, 1 quick charger and 1 rechargeable battery in
SysCon or system case incl. Insert.

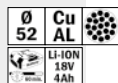
For versions -NO: no battery, no charger
For versions -N: only machine in transport packaging

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... convincing solutions

Battery powered cable cutter „AS-52F“

- for copper and aluminium cable
- with blades for fine-stranded cables



Art. No.	Ø	kg	PU
216436/F-1	52	7,480	1
216436/F-1-NO	52	3,500	1
216436/F-1-N	52	8,100	1

Battery powered cable cutter „AS-52ACSR“

- Diameter 18,6 mm / 120 mm²
- ACSR 19 mm
- not suitable for Cu/Al



Art. No.	Ø	kg	PU
216436-1	18,6	8,100	1
216436-1-NO	18,6	3,500	1
216436-1-N	18,6	3,300	1

Hydraulic cable cutters

Battery powered universal cable cutter universal „AS6-S20“

- Pressing force kN: 60 kN
- Working pressure in bar: 700
- Cutting width Ø: 20
- Battery charging time in minutes: 30
- Battery type: Li-Ion, 18 V, 2 Ah
- With the new HAUPA battery item no. 215523 and charger item no. 215527
- ACSR
- Sheet and wire armouring Cu
- Wire rope, bracing wire
- Soft rod steel
- Lead sleeve cable



Art. No.	Ø	kg	PU
216418-1	20	8,100	1
216418-1-NO	20	3,000	1
216418-1-N	20	2,700	1

	single wire		wire rope
	multi-wire		armoured steel cable (SWA)
	sector-shaped		ACSR
	fine wire		bolt
	communication		solid steel
			solid Cu

Battery powered cable cutter „AS6-S32“

- Pressing force kN: 60 kN
- Working pressure in bar: 700
- Cutting width Ø: 32
- Battery charging time in minutes: 30
- Battery type: Li-Ion, 18 V, 2 Ah
- With the new HAUPA battery item no. 215523 and charger item no. 215527



Art. No.	Ø	kg	PU
216419-1	32	7,900	1
216419-1-NO	32	3,900	1
216419-1-N	32	7,900	1

Battery-hydraulic cable cutter „AS6-S50“

- Precise cut with little conductor deformation
- Cutting force kN: 60
- Work pressure in bar: 700
- Cutting width Ø: 50
- Cutting head 180° rotating
- Battery charging time in minutes: 30
- Battery type: Li-Ion, 18 V, 2 Ah
- Compatible with battery Art. No. 215523 and charger Art. No. 215527
- Compatible with MAKITA 18 V charging equipment
- LED front lamp for work area illumination



Art. No.	Ø	kg	PU
216420-1	50	8,424	1
216420-1-NO	50	4,550	1
216420-1-N	50	7,900	1

Battery-hydraulic cable cutter „AS6-S65“

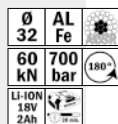
- Precise cut with little conductor deformation
- Cutting force kN: 60
- Work pressure in bar: 700
- Cutting width Ø: 65
- Cutting head 180° rotating
- Battery charging time in minutes: 30
- Battery type: Li-Ion, 18 V, 2 Ah
- Compatible with battery Art. No. 215523 and charger Art. No. 215527
- Compatible with MAKITA 18 V charging equipment
- LED front lamp for work area illumination



Art. Nr.	Ø	kg	VE
216423-1	500	7,900	1
216423-1-NO	500	4,520	1
216423-1-N	500	4,520	1

Battery-hydraulic cable cutter „AS6-S32ACSR“

- Diameter 32 mm
- ACSR 32 mm
- not suitable for Cu/Al



Art. No.	Ø	kg	PU
216426-1	32	7,900	1
216426-1-NO	32	3,900	1
216426-1-N	32	7,900	1

Battery powered cable cutter „AS6-40“

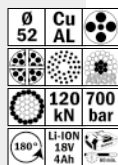
- Pressing force kN: 60
- Working pressure in bar: 700
- Cutting width Ø: 40
- Battery charging time in minutes: 60
- Battery type: Li-Ion, 18 V, 4 Ah



Art. No.	Ø	kg	PU
216422-1	385	11,100	1
216422-1-NO	385	6,200	1
216422-1-N	385	5,700	1

Battery powered cable cutter „AS12-52“ (ACSR)

- Pressing force kN: 120
- Working pressure in bar: 700
- Cutting width Ø: 52
- ACSR
- Battery charging time in minutes: 60
- Battery type: Li-Ion, 18 V, 4 Ah



Art. No.	Ø	kg	PU
216424-1	385	13,200	1
216424-1-NO	385	9,100	1
216424-1-N	385	8,500	1



Battery powered cable cutter „AS6-85“

- Pressing force kN: 60
- Working pressure in bar: 700
- Cutting width Ø: 85
- Battery charging time in minutes: 60
- Battery type: Li-Ion, 18 V, 4 Ah



Art. No.	→	Ø	kg	PU	
216428-1		385	85	13,820	1
216428-1-NO		385	85	8,900	1
216428-1-N		385	85	8,300	1

Battery powered cable cutter „SAS6-85“

- Pressing force kN: 60
- Working pressure in bar: 700
- Cutting width Ø: 85
- Armoured steel cable
- Battery charging time in minutes: 60
- Battery type: Li-Ion, 18 V, 4 Ah



Art. No.	→	Ø	kg	PU	
216430-1		385	85	12,900	1
216430-1-NO		385	85	8,900	1
216430-1-N		385	85	8,300	1

Battery powered cable cutter „AS12-S85“

- Pressing force kN: 120
- Working pressure in bar: 700
- Battery charging time in minutes: 60
- Battery type: Li-Ion, 18 V, 4 Ah



Art. No.	→	Ø	kg	PU	
216425-1		385	85	16,150	1
216425-1-NO		385	85	13,000	1
216425-1-N		385	85	11,800	1

Cable sheath strippers

Cable stripper „Kabifix“



Art. No.	Ø	kg	PU
200022	6 - 28	0,100	1
200024	spare blades	0,007	1

Cable stripper „Kabifix LWL“



Art. No.	Ø	kg	PU
200023	6 - 25	0,136	1
200023/M	spare blades	0,003	1

„System 4 - 70“ cable stripper

Cable stripping knife system with interchangeable bracket



Art. No.	Ø	kg	PU
201040	4 - 70	0,123	1

Interchangeable bracket

Suitable for cable stripping system 4 - 70 (Art. No. 201040)



Art. No.	Ø	kg	PU
201042	4 - 16	0,031	1
201044	8 - 28	0,031	1
201046	27 - 35	0,060	1
201048	35 - 50	0,100	1
201050	50 - 70	0,100	1

Replacement hook blades

Suitable for cable stripping system 4 - 70 (Art. No. 201040)



Art. No.	Ø	kg	PU
201052	4 - 70	0,100	1

„Profi set“ cable stripping system 4 - 70

Contents:

- 201040
- 201042
- 201044
- 201046
- 201048
- 201050



Art. No.	Ø	kg	PU
201054	4 - 70	0,100	1

Cable stripping knife



Art. No.	Ø	kg	PU
200031	8 - 28	0,100	1
200046	spare blades	0,004	10

Cable stripping knife



Art. No.	Ø	kg	PU
200038	4 - 16	0,090	1
200040	8 - 28	0,091	1
200042	28 - 35	0,101	1
200044	35 - 50	0,108	1
200046	spare blades	0,004	10

Stripper „All-rounder“

- Cable stripper for round cables from Ø 4 - 15 mm and flat cables up to 15 mm width
- Stripping 1.5 - 2.5 mm² single wire
- Lengthwise cut



Art. No.	Ø	kg	PU
200050	4 - 15	0,111	1

Universal strippers



Art. No.	Ø	kg	PU
200036	8 - 13	0,065	1

Universal stripper



Art. No.	Ø	kg	PU
200043	8 - 13	0,063	1

„XL“ cable stripper

For stripping round cables with a round cut, extra long for deep flush-mounted boxes



Art. No.	Ø	kg	PU
201045	8 - 13	0,100	1

Flatcable stripper

For stripping flat cables up to 12 mm in width Stripping tool 0.8 - 2.5 mm²



Art. No.	Ø	kg	PU
200037	4 - 13	0,068	1

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„Top Coax Plus“ cable stripper



Art. No.	∅	kg	PU
201058	4.8 - 7.5	0,100	1

Hex socket wrench for coax

for items 201058 and 200035



Art. No.	SW	kg	PU
201059	11	0,100	1

Stripper for coaxial cable

CAT 5, CAT 6, CAT 7, twisted pair



Art. No.	∅	kg	PU
200636 *	4.8 - 7,5	0,041	1

Cable strippers for short-circuit proof lines



Art. No.	∅	kg	PU
200630	1,5	0,054	1
200632	2,5 - 6	0,054	1
200634	10 - 16	0,054	1

PC-Strip

for data cables



Art. No.	∅	kg	PU
200039	5 - 13	0,064	1

Cable stripper HUPstripPV

Solar 2,5 - 6 mm² | ∅ 7,5 - 9,5 mm



Art. No.	∅	kg	PU
201060	7,5 - 9,5	0,054	1

Stripper for coaxial cable



Art. No.	RJ	kg	PU
200069	RG 58-59-62-6	0,048	1

PC-Cat

CAT 5, CAT 6, CAT 7, twisted pair



Art. No.	∅	kg	PU
200637	4,5 - 10	0,062	1

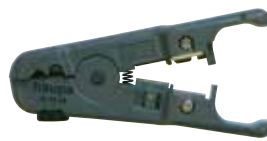
No.1-Cat

CAT 5, CAT 6, CAT 7, twisted pair



Art. No.	∅	kg	PU
200638	4,5 - 10	0,050	1

Stripper for UTP-/STP-data cable



Art. No.	∅	kg	PU
200068	3.5 - 9	0,060	1

Precision stripper PWS Plus



Art. No.	∅	kg	PU
200033	0,25 - 0,8	0,039	1

Sensor Tool LSA



Art. No.	∅	kg	PU
300322	0,35 - 0,9	0,078	1

Wire strippers

Cable stripper, manual



Art. No.	mm ²	kg	PU
210620 *	175 0.5 - 2,5	0,158	1
210622	175 0.5 - 1,5	0,158	1
210624	175 0.25 - 0,75	0,161	1

Cable stripper, manual optical fibre



Art. No.	mm ²	kg	PU
200057 *	150 0 - 0,18	0,120	1

Cable stripper, automatic



Art. No.	mm ²	kg	PU
210691	165 0.5 - 2	0,340	1
210692 *	165 1 - 4	0,350	1

Wire stripper „High Strip“

Rubber, silicone, TPE etc.



Art. No.	mm ²	kg	PU
210684	170 0.5 - 4	0,130	1

Automatic wire stripper Super Plus



Art. No.	mm ²	kg	PU
210695 *	170 0.2 - 6	0,088	1
210695/E	spare blades	0,010	1

Automatic wire stripper Super4Pro



Art. No.	mm ²	kg	PU
210698	165 0,2 - 6	0,111	1

Automatic wire stripper



Art. No.	mm ²	kg	PU
210696 *	180 0.2 - 6	0,151	1
210696/2	spare blades	0,030	1

Wire stripper / Solar



Art. No.	↔	mm ²	kg	PU
210685	160	6 - 16	0,147	1

Flat cable pliers



Art. No.	↔	mm ²	kg	PU
210686	160	0.75 - 2,5	0,148	1

Wire stripper Sensor Mini



Art. No.	∅	kg	PU
210730	3.2 - 4.4	0,122	1

Wire stripper sensor special



Art. No.	↔	∅	kg	PU
210729	180	4.4 - 7,0	0,122	1

Cable stripper ASI, automatic

Special formed blades with integrated side scale



Art. No.	↔	kg	PU
210693	160	0,117	1
210693/1	spare blades	0,030	1

Automatic cable stripper

Automatic cable stripper



Art. No.	↔	mm ²	kg	PU
211928	160	0,08 - 2,5	0,156	1
211928/1	spare blades		0,008	1

Automatic cable stripper



Art. No.	↔	mm ²	kg	PU
211930 *	205	0,08 - 6	0,255	1
211930/1	spare blades		0,009	1

Automatic cable stripper



Art. No.	↔	mm ²	kg	PU
211932	205	6 - 16	0,250	1
211932/1		6 - 16	0,011	1

Automatic cable stripper



Art. No.	↔	mm ²	kg	PU
211934	205	0.03 - 10	0,130	1

Cable sheath strippers

Cable sheath cutter



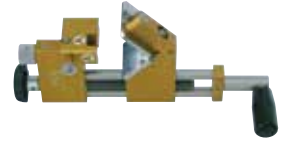
Art. No.	∅	kg	PU
110581	>25	0,220	1

Stripping pliers



Art. No.	↔	∅	kg	PU
200187	260	26 - 52	0,760	1
200188	290	47 - 75	1,100	1

Stripping tool for medium-high voltage cable



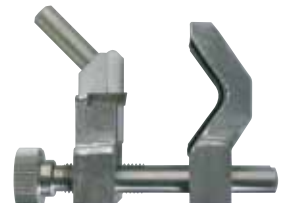
Art. No.	∅	kg	PU
200520	10 - 50	0,800	1
200520/1	spare blades	0,800	1

Cable Sheath Stripper



Art. No.	mm ²	∅	kg	PU
200524	35 - 500	15 - 55	0,800	1
200524/1	spare blades		0,020	5

Edge cutter



Art. No.	∅	kg	PU
200526	0 - 40	0,100	1
200528	0 - 60	0,100	1

Complete assembly case

Contents:

- Sleeve cutter
- Plastic prism
- Stripping device
- Silicone paste
- Edge cutter
- Key for changing blades



Art. No.	mm ²	kg	PU
200522	35 - 500	2,704	1

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Crimping pliers systems for photovoltaics

HUPcompact "HC06" for MC4 connectors



NEW

Art. No.	mm ²	kg	PU
213110	4 - 10	0,300	1

Crimping pliers

211657: square crimping (MC3) / 211659: roll crimping (MC4)



Art. No.	mm ²	kg	PU
211657	2,5 - 6	0,560	1
211659 *	2,5 - 6	0,560	1

Crimpset „MULTI Photovoltaik“

MC3: art. 212007, MC4: art. 212008



Art. No.		kg	PU
212005	MC3 + MC4	1,150	1

Crimping pliers HUPstar Photovoltaic

Pressing star 213084/E

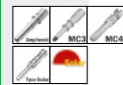
Photovoltaics:

Amphenol Helios H4: 2,5 / 4 / 6

Multi-Contact MC3: 2,5 / 4 / 6

Multi-Contact MC4: 2,5 / 4 / 6

Tyco Solarlok: 1,5 / 2,5 / 4 / 6

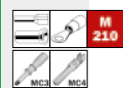


Art. No.	mm ²	kg	PU
213084	230 1,5 - 6	0,300	1
213084/E	crimp star	0,175	1

Crimpset X-Crimp for photovoltaics

Supplied in robust nylon bag (article 220260).

Content: Art. 211690, Art. 211657/E, Art. 211659/E, Art. 210842/E, Art. 210761/E



Art. No.	Set	kg	PU
211697	4	0,900	1

HAUPA Crimp System for Photovoltaics



Art. No.	mm ²	kg	PU
212200	6	0,998	1

Crimp insert for „Hirschmann“ contacts

Art. No.	
212218	2,5 + 4 + 6 mm ² , AWG 13/11/10

Crimp inserts for „Huber & Suhner“ contacts

Art. No.	
212206	2,5 + 4 mm ² , AWG 13/11
212208	4 + 6 mm ² , AWG 11/10

Crimp inserts for „multi-contact“ contacts

Art. No.	
212210	MC3, 2,5 + 4 + 6 mm ² , AWG
212212	MC3, Locator
212214	MC4, 2,5 + 4 + 6 mm ² , AWG
212216	MC4, Locator

Crimp insert for „Tyco“ contacts

Art. No.	
212220	Tyco 1,5 + 2,5 + 4 + 6 mm ²
212222	Locator for Tyco

Dies for Solar contacts Amphenol

Art. No.	
212226	2,5 + 4 mm ² , AWG 13/11
212228	Locator for Amphenol

Assembly tool MC4



Art. No.		kg	PU
110806	MC 4	0,048	1

HUPsolarKit3

Contents:	
211225	Cable cutters VDE "HUPtriCut" 160 mm for Ø 8 mm
201060	Cable stripper "HUPstripPV" 2,5 - 6,0 mm ²
110806	MC4 assembly tool (2 pieces)
211659	Crimping pliers photovoltaic MC4 2,5 - 6 mm ²
330046/K	Case with insert



Art. No.	Set	kg	PU
330046	5	1,320	1

HUPsolarKit4

Contents:	
211225	Cable cutters VDE "HUPtriCut" 160 mm for Ø 8 mm
201060	Cable stripper "HUPstripPV" 2,5 - 6,0 mm ²
110806	MC4 assembly tool (2 pieces)
213110	HUPcompact "HC06" for MC4 connector 4 - 10 mm ²
330048/K	Case with insert



NEW

Art. No.	Set	kg	PU
330048	5	1,320	1

HUPsolarKit5

Contents:	
201085	Cable cutter "HUPtriCut" dip-insulated 160 mm for Ø 8 mm
201060	Cable stripper "HUPstripPV" 2,5 - 6,0 mm ²
110806	MC4 assembly tool (2 pieces)
213110	HUPcompact "HC06" for MC4 connector 4 - 10 mm ²
220105	Belt bag "ToolBelt" with 8 compartments



NEW

Art. No.	Set	kg	PU
330050	5	0,700	1

Crimping pliers for end sleeves

Crimping pliers



Art. No.	mm ²	kg	PU
210818	0,25 - 2,5	0,210	1

Crimping pliers



Art. No.	mm ²	kg	PU
210820 *	140 0,25 - 2,5	0,202	1
210824 *	220 0,75 - 16	0,304	1
210826 *	225 10 - 35	0,277	1

Crimping pliers



Art. No.	mm ²	kg	PU
211650	0,14 - 2,5	0,371	1
210841 *	0,25 - 6	0,380	1
211652	6 - 16	0,374	1

Crimping pliers for twin end sleeves



Art. No.	mm ²	kg	PU
211676	0,5 - 6	0,576	1
211678	6 - 16	0,604	1

Crimping pliers



Art. No.	mm ²	kg	PU
210763 *	0,5 - 4	0,578	1
210842 *	1 - 10	0,553	1
210765	6 - 16	0,582	1
211672	10 - 25	0,580	1
210768	10 - 35	0,606	1
211674	25 - 50	0,600	1

HUPcompact „HC02“



Art. No.	mm ²	kg	PU
213088	0,25 - 16	0,480	1

Crimping pliers “HUPsquare 10”



Art. No.	mm ²	kg	PU
212804	0,08 - 10	0,566	1

Crimping pliers “HUPsquare 16”



Art. No.	mm ²	kg	PU
212806	0,5 - 16	0,566	1

Crimping pliers



Art. No.	mm ²	kg	PU
210804	0,08 - 10	0,360	1

Crimping pliers



Art. No.	mm ²	kg	PU
211816 *	0,08 - 16	0,413	1

Crimping pliers



Art. No.	mm ²	kg	PU
211818	0,08 - 16	0,413	1

Front-Crimping pliers



Art. No.	mm ²	kg	PU
210819	0,08 - 10	0,489	1
211810	0,08 - 16	0,489	1

Crimping pliers



Art. No.	mm ²	kg	PU
210788 *	10 - 50	0,732	1
210789	50 - 95	0,800	1

Quadro complete set in case



Art. No.	mm ²	kg	PU	
210682	170	0,5 - 2,5	0,713	1

Pneumatic crimpers

HAUPA Pneumatic Crimpers



Art. No.	mm ²	kg	PU	
217030	200	0,25 - 2,5	0,720	1
217040	200	4 - 10	0,739	1

HAUPA Pneumatic crimpers table top versions



Art. No.	mm ²	kg	PU	
217010	200	0,25 - 2,5	5,000	1
217020	200	4 - 10	5,000	1

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Crimping pliers for insulated crimp terminals

Crimping pliers



Art. No.	mm ²	kg	PU
210845	0,08 - 2,5	0,343	1

Crimping pliers



Art. No.	mm ²	kg	PU
210761 *	0,5 - 6	0,566	1

Crimping pliers



Art. No.	mm ²	kg	PU
211695	0,5 - 10	0,566	1

HUPcompact „HC01“



Art. No.	mm ²	kg	PU
213090	0,1 - 6	0,480	1

Crimping pliers



Art. No.	mm ²	kg	PU
210827	10 - 16	0,472	1

Crimping pliers



Art. No.	mm ²	kg	PU
210802	1,5 - 6	0,178	1

Combi-Crimping pliers



Art. No.	mm ²	kg	PU
210808 *	1,5 - 6	0,198	1

Crimping pliers for coaxial connections

Crimping pliers



Art. No.	kg	PU
210849	RG 55-58-59-62	0,303 1

Crimping pliers



Art. No.	kg	PU
210767 *	RG 55-58-59-62	0,567 1
211680	RG 55-58-59-62-5-6	0,578 1

Crimping pliers HUPstar Coax

Pressing star 213082/E

Coax:

Hexagon pressure bonding, BNC, TNC, SNB, SNC, SMS, SMA, MCX, 1.07 to 10.9 mm



Art. No.	kg	PU
213082	230	0,300 1

Crimping pliers for contacts and connectors

Crimping pliers

twisted contacts



Art. No.	mm ²	kg	PU
211656	0,14 - 4	0,367	1
211658	1,5 - 6	0,372	1

Crimping pliers



Art. No.	mm ²	kg	PU
211660	0,14 - 1,5	0,370	1

Crimping pliers

D-Sub-connectors



Art. No.	mm ²	kg	PU
211662	0,08 - 0,56	0,365	1

Crimping pliers for uninsulated open brass cable lugs

Crimping pliers



Art. No.	mm ²	kg	PU
210777	0,5 - 1,5	0,366	1

Crimping pliers



Art. No.	mm ²	kg	PU
211682	0,5 - 2,5	0,568	1
210762 *	0,5 - 6	0,575	1

Crimping pliers



Art. No.	mm ²	kg	PU
210785	0,5 - 1	0,537	1
210786	1,5 - 2,5	0,535	1

HUPcompact „HC04“



Art. No.	mm ²	kg	PU
213094	0,5 - 6	0,490	1

Crimping pliers



Art. No.	mm ²	kg	PU
210778	0,25 - 2,5	0,363	1
210779	0,5 - 6	0,366	1

Crimping pliers



Art. No.	mm ²	kg	PU
210764	1,5 - 10	0,565	1

HUPcompact „HC03“



Art. No.	mm ²	kg	PU
213092	0,75 - 10	0,480	1

Crimping pliers



Art. No.	mm ²	kg	PU
210771	1,5 - 6	0,111	1

Crimping pliers



Art. No.	mm ²	kg	PU
210772	1 - 10	0,478	1
210774	1 - 16	0,503	1

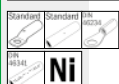
Crimping pliers



Art. No.	mm ²	kg	PU
210799	0,5 - 16	0,640	1

Crimping pliers for uninsulated tubular cable lugs, connectors

Crimping pliers



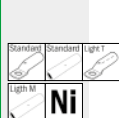
Art. No.	mm ²	kg	PU
210771	1,5 - 6	0,111	1

Crimping pliers



Art. No.	mm ²	kg	PU
210772	1 - 10	0,478	1
210774	1 - 16	0,503	1

Crimping pliers



Art. No.	mm ²	kg	PU
210830 *	0,75 - 16	0,574	1

Crimping pliers



Art. No.	mm ²	kg	PU
210791	10 - 120	3,040	1

Crimping pliers



Art. No.	Typ	mm ²	kg	PU
210805 *	standard	6 - 50	1,351	1
210805 K *	DIN	6 - 50	1,352	1
210850 *	standard	10 - 120	3,970	1
210853 *	DIN	10 - 120	4,016	1

Crimping pliers



Art. No.	mm ²	kg	PU
210836	50 - 120	5,280	1
210838	120 - 240	5,200	1
210840	185 - 400	5,200	1

Crimping pliers for modular plugs

Crimping pliers for modular plugs



Art. No.	RJ	kg	PU
210867	RJ10 4(4), RJ14	0,218	1
210865	RJ11 6(4), RJ12 6(4)	0,220	1
210869	RJ45	0,233	1

Crimping pliers for modular plugs



Art. No.	RJ	kg	PU
213050 *	RJ11 6(4), RJ12 6(4), RJ45, RJ10 4(4), RJ14	0,300	1

Crimping pliers for modular plugs



Art. No.	RJ	kg	PU
210857	RJ11 6(4), RJ12 6(4), RJ45	0,471	1

Crimping pliers for modular plugs



Art. No.	kg	PU
210871	0,520	1

Crimping pliers for modular plugs



Art. No.	kg	PU
213000	0,420	1

Dies

for crimping pliers 213000



PDF 213000



Art. No.	RJ	kg	PU
213002	RJ10 4(4)	0,082	1
213004	RJ11 6(4), RJ12 6(4)	0,081	1
213006	6DEC	0,080	1
213008	2pole, unshielded RJ45	0,076	1
213010	10pole, unshielded RJ50	0,074	1
213012	8pole, shielded	0,076	1
213014	10pole plug, shielded	0,071	1

Crimping pliers for modular plugs

without dies



Art. No.	kg	PU
213020	0,474	1

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Dies

for crimping pliers 213020



Art. No.	RJ	kg	PU
213022	8pole, shielded	0,103	1
213024	10pole, shielded	0,102	1
213026	RJ10 4(4)	0,096	1
213028	RJ11 6(4), RJ12 6(4)	0,093	1
213030	6DEC	0,091	1
213032	RJ45	0,106	1
213034	RJ50	0,102	1
213036	8pole, CAT 5	0,106	1
213038	6pole, shielded	0,106	1
213040	8pole, shielded	0,113	1
213042	Ø 3,7 mm	0,030	1
213044	Ø 4,5 mm	0,030	1
213046	Ø 5,2 mm	0,030	1
213048	Ø 6,0 mm	0,030	1

Network range

Content:

- 1 x 213050
- 1 x 200068
- 1 x 300322



Art. No.	set	kg	PU
300033	3	0,700	1

HUPstar Multifunction Pliers

Tool frame „HUPstar“ – open

Tool frame without star crimp, open design specifically for connectors



Art. No.	kg	PU
213078	0,510	1

Tool frame „HUPstar“ – closed

Tool frame without star crimp, enclosed design



Art. No.	kg	PU
213077	0,530	1

Crimping pliers „HUPstar“

Pressing star 213086/E:

End sleeves: 0,5 / 0,75 / 1,5 / 2,5 / 4 / 6 / 10

Insulated crimp cable lugs:

0.1-0.25 / 0.5-1 / 1.5 / 2.5 / 4 / 6

Non-insulated crimp cable lugs:

0.25 / 0.5 / 1 / 1.5 / 2.5 / 4 / 6 / 10



Art. No.	kg	PU
213086	0,300	1

Crimping pliers „HUPstar“

Pressing star 213080/E:

End sleeves:

0.14-0.25 / 0.25-0.5 / 1 / 1.5 / 2.5 / 4 / 6

/ 10 / 16

Open non-insulated brass cable lugs:

0.14-0.25 / 0.25-0.5 / 1 / 1.5 / 2.5 / 2.54 / 6



Art. No.	kg	PU
213080	0,300	1

Crimping pliers HUPstar Coax

Pressing star 213082/E

Coax:

Hexagon pressure bonding, BNC, TNC, SNB, SNC, SMS, SMA, MCX, 1.07 to 10.9 mm



Art. No.	kg	PU
213082	0,300	1

Crimping pliers HUPstar Photovoltaic

Pressing star 213084/E

Photovoltaics:

Amphenol Helios H4: 2,5 / 4 / 6

Multi-Contact MC3: 2,5 / 4 / 6

Multi-Contact MC4: 2,5 / 4 / 6

Tyco Solarlok: 1,5 / 2,5 / 4 / 6



Art. No.	mm ²	kg	PU
213084	1.5 - 6	0,300	1

HUPstar „Fibre Optic Connector“

Fiber Optic Connector

1.69; 2.5; 3; 3.25; 3.65; 4.2; 4.52; 4.95; 5;

6.5; 10.9



Art. No.	kg	PU
213098	0,650	1

HUPstar „Twisted contacts“

Twisted contacts, square

0,1; 0,14; 0,25; 0,34; 0,5 1; 1,5; 2,5; 4; 6; 10

Locator for Ø 1,6; 2,5; 4



Art. No.	kg	PU
213102	0,300	1

HUPstar „Automotive“

Automotive contacts

Hirose DF1B-2428SC UL1007 / Litz wire

Hirose DF1B-2428PC UL1007 / Litz wire 0,08;

0,14; 0,25

Hirose DF1B-30SC UL1007 / Litz wire

Hirose DF1B-30PC UL1007 / Litz wire 0,05

Hirose DF1B-2022SC, Hirose DF1B-2022PC 0,34; 0,50



Art. No.	kg	PU
213100	0,300	1

Dies for HUPstar

HUPstar

End sleeves 0.5 – 10 mm²

Insulated crimp-style cable lugs 0.1 – 6 mm²

Ring cable lugs (DIN 46234 / DIN 46341) 0.25 – 10 mm²



Art. No.	kg	PU
213086/E	0,175	1

HUPstar

End sleeves 0.14 - 16 mm²

flat push-on receptacles 0.14 - 6 mm



Art. No.	kg	PU
213080/E	0,175	1

HUPstar „Coaxial“

Coaxial

BNC, TNC, SNB, SNC, SMS, SMA, MCX, 1.07 – 10.9 mm

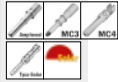


Art. No.	kg	PU
213082/E	0,175	1

HUPstar „Photovoltaic“



Photovoltaics / Solar
Amphenol Helios H4, multi-contact MC3/ MC4 2.5 - 6.0
Tyco Solarlok, 1.5 - 4.6 mm²
Only for closed frame Art. No. 21307



Art. No.	dies	kg	PU
213084/E		0,175	1

HUPstar „Fibre Optic Connector“



Fibre Optic Connector
1.69; 2.5; 3; 3.25; 3.65; 4.2; 4.52; 4.95; 5; 6.5; 10.9



Art. No.	dies	kg	PU
213098/E		0,175	1

HUPstar „Twisted contacts, square“



Twisted contacts, square
0.1; 0.14; 0.25; 0.34; 0.5 1; 1.5; 2.5; 4; 6; 10
Locator for Ø 1.6; 2.5; 4



Art. No.	dies	kg	PU
213102/E		0,175	1

Multi-function pliers

Crimping pliers Combi-Crimp



crimping pliers for insulated terminals 0,5 - 2,5 mm² and end sleeves 0,5 - 6 mm²



Art. No.	mm ²	kg	PU
210784 *	0,5 - 6	0,560	1

Crimpset X-Crimp including nylon bag



Supplied in robust nylon bag (article 220260).

Content:

art. 211690, 210763/E, 210764/E, 210765/E, 210761/E



Art. No.	Set	kg	PU
211692 *		0,860	1

Crimping pliers X-Crimp



Crimping pliers used to quickly change HAUPA precision pressing inserts



Art. No.	mm ²	kg	PU
211690	210761/E	0,566	1

Crimping dies for insulated crimp cable lugs



for insulated crimp cable lugs, oval crimping



Art. No.	mm ²	kg	PU
210761/E	0,5 - 6,0	0,053	1

Crimping dies for uninsulated terminals



for uninsulated terminals, mandrel shape crimping



Art. No.	mm ²	kg	PU
210764/E	1 - 10	0,111	1

Crimping dies for end sleeves



for end sleeves, trapezoid crimping

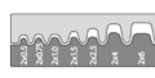


Art. No.	mm ²	kg	PU
210763/E	0,5 - 4	0,072	1
210842/E	1 - 10	0,054	1
210765/E	6 - 16	0,111	1
211672/E	10 - 25	0,050	1

Crimping dies for TWIN end sleeves



for TWIN-end sleeves, trapezoid crimping

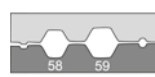


Art. No.	mm ²	kg	PU
211676/E	0,5 - 6	0,050	1

Crimping dies for coaxial cable



for coaxial cable, hexagon crimping



Art. No.	kg	PU
210767/E	RG 58-59-62-6	0,050 1

Crimping dies for flat connectors



for flat connectors, uninsulated open brass cable lugs, roll crimping

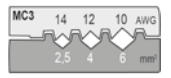


Art. No.	mm ²	kg	PU
210762/E	0,5 - 6	0,111	1

Crimping dies for Photovoltaik



for „multi-contact“ contacts

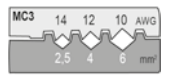


Art. No.	mm ²	kg	PU
211657/E	2,5 - 6	0,050	1

Crimping dies for Photovoltaik MC4



for „multi-contact“ contacts



Art. No.	mm ²	kg	PU
211659/E	2,5 - 6	0,050	1

Crimping dies for cable lugs / end sleeves



for end sleeves 0,5 - 6 mm² / cable lugs 0,5 - 2,5 mm²



Art. No.	mm ²	kg	PU
210784/E	0,5 - 6,0	0,560	1

Crimpset MULTI

4 dies for:

- (1) 211963 (2) 211998 (3) 211999 (4) 212000
1. insulated terminals 0,5 - 6 mm²
2. insulated and uninsulated end sleeves 0,5 - 16 mm²
3. uninsulated terminals 0,5 - 10 mm²
4. BNC and TNC coaxial connectors RG 58-59-62-71



Art. No.	kg	PU
211960	1,119	1

haupa®

... convincing solutions

Crimping pliers „Multi“



Art. No.	kg	PU
211962	0,582	1

Dies for crimp pliers „Multi“

211963	End sleeves 0,5 - 16 mm ²
211964	End sleeves 16 - 35 mm ²
211965	Sockets 0,5 - 2,5 mm ²
211990	Coax, Thinnet, Mini-UHF, BNC/TNC RG 58, RG 174
211991	Coax RG 174, 179
211992	SMA, SMB, Mini-59, Mini-UHF, BNC/TNC RG 6, RG 6 Quad
211993	Coax, CATV "F" Typ, BNC/TNC RG 6, RG 6 Quad
211994	N-Typ RG 8, RG 11
211995	Coax, N-Typ RG 8, RG 11, RG 213, RG 216
211996	Fibre Optic, SMA Typ
211997	Fibre Optic, SMA, SMB, SFR, ST, SC Typ
211968	RJ 45 - 8P8K, Steward Connectors, 22-24 AWG
211969	RJ11, RJ12, Steward
211970	Telephon 4P4K, AMP+Steward Connectors, 22-24 AWG
211971	RJ45 8P8K, AMP
211972	RJ11, RJ12 6P6C, AMP
211973	RJ11, DEC MMJ 6P6C, AMP
211980	RJ 45 - 8P8K, short, Steward Connectors, STP 22-24 AWG
211981	RJ 45 - 8P8K, long, Hirose, STP 22-24 AWG
211982	RJ 45 - 8P8K, short, Hirose, STP 22-24 AWG
211985	RJ 45 - 8P8K, AMP, Molex, for Ø 6,0 mm, STP 22-24 AWG
211998	insulated terminals 0,5-6,0 mm ²
211999	uninsulated terminals 0,5-6,0 mm ²
212000	Coax RG58-59-62-71
212007	MC3
212008	MC4

Elektric crimper

HAUPA electric crimper

with foot pedal



Art. No.	mm ²	kg	PU
217050	6 - 50	10,000	1

Dies for elektro crimper 217050

Art. No.	Description
217052	Rolled contacts 0,14-1/1,5/2,5/4 mm ²
217056	Rolled contacts 0,14-1/1,5/2,5/4 mm ²
217058	Rolled crimp contacts 0,1-1,5 mm ²
217060	Rolled crimp contacts 0,5-6 mm ²
217062	End sleeves 0,25-6 mm ²
217064	Insolated terminals 0,5-6 mm ² symetric
217066	Insolated terminals 0,5-6 mm ² asymmetric
217068	Tube terminals 0,34-2,5 mm ²
217070	Tube terminals "super flex" 4-10 mm ²
217072	Tube terminals "standard" 4-10 mm ²
217074	Crimping terminals 4-10 mm ²
217076	Crimping terminals 0,5-10 mm ²
217078	Protection cover to 217056/60
217080	Protection cover to 217070/72/74/76
217082	Protection cover to 217068
217084	Protection cover to 217062
217086	Protection cover to 217064/66
217088	Locator to 217060, socket sleeves 6,3 mm
217090	Locator to 217056/58/60, socket sleeves 4,8 mm
217092	Locator to 217056, socket sleeves 2,8x5 mm
217094	Locator to 217056, socket sleeves 2,8x6 mm
217096	Locator to 217060, socket sleeves 6,3 mm
217098	Locator to 217060, socket sleeves 6,3 mm HN

Mechanical crimping pliers for tubular cable lugs

Crimping pliers



Art. No.	mm ²	kg	PU
215000	6 - 50	1,531	1

Metal box



Art. No.	kg	PU
215002	0,934	1

Crimping dies for standard cable lugs and compacted cables



Art. No.	mm ²	kg	PU
215004	10	0,041	1
215006	16	0,040	1
215008	25	0,037	1
215010	35	0,036	1
215012	50	0,033	1

Crimping dies for insulated crimping terminals

Please order top and bottom tools separately



Art. No.	mm ²	kg	PU
215014	6	0,018	1
215016	10	0,190	1
215018	16	0,190	1
215020	25	0,190	1
215022	35	0,020	1
215024	6 - 35	0,020	1

Crimping dies for insulated crimping terminals



Art. No.	mm ²	kg	PU
215026	10	0,039	1
215028	16	0,039	1

Crimping dies



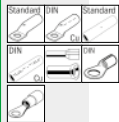
Art. No.	Cu	Al	l/no.	kg	PU
215030	6		5	0,100	1
215032	10		6	0,100	1
215034	16	10	8	0,100	1
215036	25	16	10	0,150	1
215038	35	25	12	0,150	1
215040	50	35	14	0,150	1

Crimping dies



Art. No.	mm ²	kg	PU
215042	6	0,150	1
215044	10	0,150	1
215046	16	0,150	1
215048	25	0,200	1
215050	35	0,200	1

Crimping pliers



Art. No.	mm ²	kg	PU
215100	6 - 120	2,100	1

Crimping dies for terminals DIN



Art. No.	Cu	Al	l/no.	kg	PU
215142	10 - 70	10 - 50	6 - 16	0,128	1
215144	16 - 35	16 - 25	8 - 12	0,130	1
215146	25 - 50	25 - 35	10 - 14	0,130	1
215148	95	70	18	0,130	1
215150	120	-	20	0,130	1

Metal box



Art. No.	kg	PU
215102	1,700	1

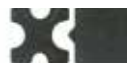
Crimping dies for crimping terminals DIN



Art. No.	mm ²	kg	PU
215104	10 - 70	0,130	1
215106	16 - 35	0,132	1
215108	25 - 50	0,126	1
215110	95	0,138	1
215112	120	0,136	1

Crimping dies for unisulated terminals, up to four diameter, DIN 46234 & DIN 46341

Please order top and bottom tools separately



Art. No.	mm ²	kg	PU
215114	6 - 70	0,080	1
215116	10 - 35	0,060	1
215118	16 - 50	0,055	1
215120	6 - 50	0,150	1
215122	70	0,150	1

Crimping dies for insulated crimping terminals



Art. No.	mm ²	kg	PU
215124	10	0,147	1
215126	16	0,152	1
215128	25	0,153	1
215130	35	0,154	1

Crimping dies for rounding of square copper and aluminium



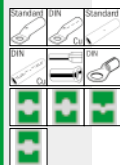
Art. No.	mm ²	kg	PU
215152	25 - 35	0,155	1
215154	35 - 70	0,150	1
215156	95	0,150	1

Crimping dies for terminals DIN



Art. No.	mm ²	kg	PU
215164	25	0,059	1
215166	35	0,059	1
215168	50	0,059	1
215170	70	0,059	1
215172	95	0,059	1

Crimping pliers



Art. No.	mm ²	kg	PU
215200	10 - 240	4,500	1

Metal box



Art. No.	kg	PU
215202	3,700	1

Crimping dies for standard cable lugs and compacted cables



Art. No.	mm ²	kg	PU
215204	10 - 25	0,221	1
215206	16 - 35	0,320	1
215208	50	0,349	1
215210	70	0,331	1
215212	95	0,330	1
215201	120	2,486	1
215203	150	0,308	1
215205	185	0,317	1
215207	240	0,300	1

Crimping dies for unisulated crimping terminals, DIN 46234 + DIN 46341



Art. No.	mm ²	kg	PU
215214	10 - 70	0,178	1
215216	95 - 150	0,169	1
215218	10 - 70	0,163	1
215220	16 - 35	0,170	1
215222	25 - 50	0,163	1
215224	95	0,161	1
215226	120	0,152	1
215228	150	0,144	1

Crimping dies for terminals DIN



Art. No.	Cu	Al	l/no.	kg	PU
215230	10	-	6	0,350	1
215232	16	-	8	0,330	1
215234	25	16	10	0,328	1
215236	35	25	12	0,330	1
215238	50	35	14	0,326	1
215240	70	50	16	0,326	1
215242	95	70	18	0,321	1
215244	120	-	20	0,300	1
215246	150	95 - 120	22	0,305	1
215248	185	150	25	0,305	1
215250	240	185	28	0,290	1

Battery powered crimping tool

Smart Battery powered crimping tool universal „US-6M“

Sensor



- For 6 different interchangeable heads (item no. 216761, item no. 216762, item no. 216763, item no. 216764, item no. 216665-U, item no. 216666-U)
- Heads can be changed easily
- Can be locked using 2 extractable pins
- With the new HAUPA battery item no. 215523 and charger item no. 215527
- Pressing load kN: 60
- Working pressure in bar: 700

With the different colours of the sensor LED, it shows whether the pressing has been completed successfully or which errors have occurred.



Video 216760-1



Art. No.	kg	PU
216760-1	315	6,180
216760-1-NO	315	2,990
216760-1-N	315	2,400

haupa®

... convincing solutions

Hydraulic hand pliers Universal "HUS-6"

- Hand pliers for interchangeable pressing tools
- Pressing load kN: 60
- Working pressure in bar: 700

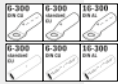


Art. No.	l	kg	PU
216768	315	2,200	1

Crimping headstock „U-K0-6“

Pressing head for interchangeable pressing applications, with quick opening, without inserts.

- Head can be opened
- Opening / Hub: 17 mm
- Pressing width: slim
- Cable lugs: standard Cu 6-300 / DIN Cu 6-300 / DIN Al 16-300
- Connectors: standard Cu 6-300 / DIN Cu 6-300 / DIN Al 16-300



Art. No.	l	mm ²	kg	PU
216761	140	6 - 300	1,700	1

Crimping headstock „U-KDE240-6“

Pressing head with quick opening, indent v-shape pressing, no inserts required.

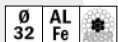
- Head can be opened
- Cable lugs/Connectors standard Cu: 10-240 mm²
- Cable lugs/Connectors DIN Al: 50-240 mm²
- DIN 46234: 10-240 mm²



Art. No.	mm ²	l	kg	PU
216763	16 - 240	130	1,200	1

Cutting headstock U-KS6-S32ACSR

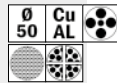
- for copper and aluminium cable
- stranded
- sector-shaped



Art. No.	mm ²	kg	PU
216762/32ACSR	32	2,800	1

Cutting headstock „U-KS6-S50“

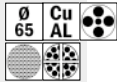
for copper and aluminium cable



Art. No.	l	Ø	kg	PU
216762	233	50	2,800	1

Cutting headstock „U-KS6-S65“

for copper and aluminium cable



Art. No.	Ø	kg	PU
216762/65	65	3,300	1

Punching headstock „U-S-6“

without inserts

- Head can be rotated by 360°
- Flexible aluminium head



Art. No.	l	kg	PU
216764	180	2,700	1

Crimping headstock „U-D300-6“



Art. No.	l	mm ²	kg	PU
216665-U	180	16 - 300	3,000	1

Crimping headstock „U-D400-6“



Art. No.	l	mm ²	kg	PU
216666-U	180	25 - 400	3,000	1

Scope of delivery for all battery-hydraulic cable cutters: 1 tool, 1 quick charger and 1 rechargeable battery in SysCon or system case incl. Insert.

For versions -NO: no battery, no charger
For versions -N: only machine in transport packaging

Adapter for pumps

For hydraulic pump item 216357 so the interchangeable heads for art. 216760-1 can be used (items 216761, 216762, 216763, 216764, 216665-U, 216666-U)

700 bar



Art. No.	l	kg	PU
216765	155	1,700	1

Universal set 2

Art. 216760-1, art. 216761 and art. 216762
Technical data and scope of delivery see 216760-1, 216761 und 216762



Art. No.	Set	PU
216767	3	1

Universal set 4

Made up of item 216760-1, item 216761 and item 216762/65.
Technical data and scope of delivery see item 216760-1, item 216761 and item 216762/65.



Art. No.	Set	kg	PU
216767/65	3	10,180	1

Universal set 1

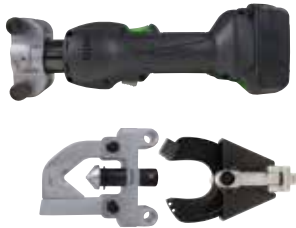
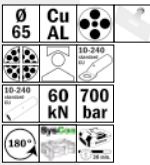
Art. 216760-1, art. 216763 and art. 216762
Technical data and scope of delivery see 216760-1, 216763 und 216762



Art. No.	Set	kg	PU
216766	3	10,180	1

Universal set 3

Made up of item 216760-1, item 216763 and item 216762/65.
Technical data and scope of delivery see item 216760-1, item 216763 and item 216762/65.



Art. No.	Set	kg	PU
216766/65	3	10,180	1

Hydraulic crimping tools

Hydraulic hand pliers „HHs-6“

- Pressing force in kN: 60
- Working pressure in bar: 700
- Head can be opened
- Pressing width: slim
- Cable lugs: standard Cu 10-240
- DIN Cu 10-185
- DIN Al 16-150
- Connectors: standard Cu 10-240
- DIN Cu 10-185
- DIN Al 16-150



Art. No.	mm ²	kg	PU
215765	370 10-240	4,600	1

Battery powered crimping tool „SHs-6“

- Pressing force in kN: 60 kN
- Working pressure in bar: 700
- Head can be opened
- Pressing width: slim
- Cable lugs: standard Cu 10-240
- DIN Cu 10-185
- DIN Al 16-150
- Connectors: standard Cu 10-240
- DIN Cu 10-185
- DIN Al 16-150
- Pressing time, battery-operated in seconds: 5
- Battery charging time in minutes: 30
- Battery type: Li-Ion, 18 V, 2 Ah



Art. No.	mm ²	kg	PU
215770-1	398 10-240	7,900	1
215770-1-NO	398 10-240	7,900	1
215770-1-N	398 10-240	3,000	1

Scope of delivery for all battery-hydraulic cable cutters:
1 tool, 1 quick charger and 1 rechargeable battery in SysCon or system case incl. Insert.

For versions -NO: no battery, no charger
For versions -N: only machine in transport packaging

Battery powered crimping tool „SHs-6M“ **Sensor**

With the different colours of the sensor LED, it shows whether the pressing has been completed successfully or which errors have occurred. Technical data and scope of delivery see 215770-1



Art. No.	mm ²	kg	PU
215770/M-1	398 10-240	7,900	1
215770/M-1-NO	398 10-240	3,100	1
215770/M-1-N	398 10-240	3,000	1

Crimping dies standard



Art. No.	mm ²	PW	kg	PU
215641	10-16	5	0,157	1
215642	25-35	5	0,155	1
215643	50-70	5	0,150	1
215644	95-120	5	0,145	1
215645	150	5	0,159	1
215646	185	5	0,156	1
215648	240	5	0,156	1

Crimping dies DIN



Art. No.	mm ²	PW	l/no.	kg	PU
215650	10-16	5	6-80,155	1	1
215651	25-35	5	10-120,151	1	1
215652	50-70	5	14-160,149	1	1
215653	95-120	5	18-200,129	1	1
215654	150	5	220,145	1	1
215655	185	5	250,147	1	1

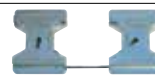
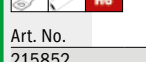
Hydraulic hand pliers „HH-6“

- Pressing force in kN: 60
- Working pressure in bar: 700
- Opening/ Hub: 17 mm
- Head can be opened
- Pressing width: slim
- Crimping range cable lugs: standard Cu 10-240
- DIN Cu 10-240
- DIN Al 16-185
- Crimping range connectors: standard Cu 10-240
- DIN Cu 10-240
- DIN Al 16-185
- Dual-piston pump



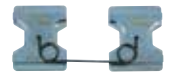
Art. No.	mm ²	kg	PU
215800	10-240	400	4,500

Crimping dies



Art. No.	mm ²	kg	PU
215852	10-16	0,157	1
215854	25-35	0,155	1
215856	50-70	0,150	1
215858	95-120	0,145	1
215859	150	0,159	1
215860	185	0,156	1
215861	240	0,156	1

Crimping dies DIN Cu + Al



Art. No.	mm ²	l/no.	kg	PU
215862	10-16	6-8	0,155	1
215864	25-35	10-12	0,151	1
215866	50-70	14-16	0,149	1
215868	95-120	18-20	0,129	1
215869	150	22	0,145	1
215870	185	25	0,147	1
215872	240	28	0,114	1

Battery powered crimping tool „SH-6“

- Pressing force in kN: 60 kN
- Working pressure in bar: 700
- Head can be opened yes
- Opening/ Hub: 17 mm
- Pressing width: slim
- Crimping range cable lugs: standard Cu 10-240
- DIN Cu 10-240
- DIN Al 16-185
- Crimping range connectors: standard Cu 10-240
- DIN Cu 10-240
- DIN Al 16-185
- Pressing time, battery-operated in seconds: ca. 5
- Battery charging time in minutes: 30
- Battery type: Li-Ion, 18 V, 2 Ah



Art. No.	mm ²	kg	PU
215881-1	415 10-240	6,700	1
215881-1-NO	415 10-240	2,900	1
215881-1-N	415 10-240	2,600	1

Battery powered crimping tool „SH-6M“ **Sensor**

With the different colours of the sensor LED, it shows whether the pressing has been completed successfully or which errors have occurred. Technical data and scope of delivery see 215881-1



Art. No.	mm ²	kg	PU
215881/M-1	415 10-240	6,700	1
215881/M-1-NO	415 10-240	2,900	1
215881/M-1-N	415 10-240	2,600	1



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Battery powered crimping tool „S0-6“

- Pressing force in kN: 60 kN
- Working pressure in bar: 700
- Head can be opened
- Opening/ Hub: 17 mm
- Pressing width: slim
- Pressing time, battery-operated in seconds: ca. 5
- Battery charging time in minutes: 60
- Battery type: Li-Ion, 18 V, 2 Ah
- Cable lugs: standard Cu 6-300
- DIN Cu 6-300
- DIN Al 16-300
- Connectors: Cu 6-300
- DIN Cu 6-300
- DIN Al 16-300



Art. No.	mm	mm ²	kg	PU
216801-1	383	6 - 300	7,100	1
216801-1-NO	383	6 - 300	7,100	1
216801-1-N	383	6 - 300	7,100	1

Battery powered crimping tool „S0-6M“

With the different colours of the sensor LED, it shows whether the pressing has been completed successfully or which errors have occurred. Technical data and scope of delivery see 216801-1



Art. No.	mm	mm ²	kg	PU
216801/M-1	383	6 - 300	7,900	1
216801/M-1-NO	383	6 - 300	7,900	1
216801/M-1-N	383	6 - 300	7,900	1

Scope of delivery for all battery-hydraulic cable cutters: 1 tool, 1 quick charger and 1 rechargeable battery in SysCon or system case incl. Insert.

For versions -NO: no battery, no charger

For versions -N: only machine in transport packaging

Battery powered crimping tool „A0-6“



With the different colours of the sensor LED, it shows whether the pressing has been completed successfully or which errors have occurred.

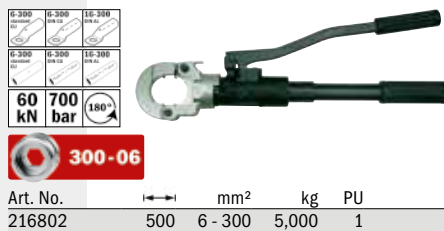
- Pressing force in kN: 60
- Working pressure in bar: 700
- Opening/ Hub: 17 mm
- Head can be opened
- Pressing width: slim
- Crimping range cable lugs: standard Cu 6-300
- DIN Cu 6-300
- DIN Al 16-300
- Crimping range connectors: standard Cu 6-300
- DIN Cu 6-300
- DIN Al 16-300
- Pressing time, battery-operated in seconds: 4
- Battery charging time in minutes: 120
- Battery type: Li-Ion 18 V, 4 Ah
- Dual-piston pump



Art. No.	mm	mm ²	kg	PU
216800-1	375	6 - 300	9,500	1
216800-1-NO	375	6 - 300	9,500	1
216800-1-N	375	6 - 300	9,500	1

Hydraulic hand pliers „HO-6“

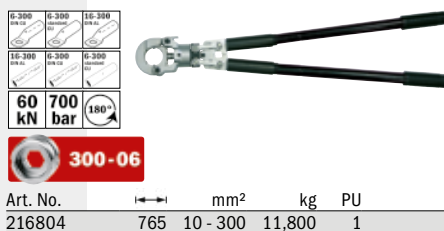
- Pressing force in kN: 60
- Working pressure in bar: 700
- Head can be opened
- Opening/ Hub: 17 mm
- Pressing width: slim
- Crimping range cable lugs: standard Cu 6-300
- DIN Cu 6-300
- DIN Al 16-300
- Crimping range connectors: standard Cu 6-300
- DIN Cu 6-300
- DIN Al 16-300
- Dual-piston pump



Art. No.	mm	mm ²	kg	PU
216802	500	6 - 300	5,000	1

Hand pliers „MO-6“ for exchangeable dies

- Pressure: 60 kN
- Crimping range cable lugs: standard Cu 6-300
- DIN Cu 6-300
- DIN Al 16-300
- Crimping range connectors: standard Cu 6-300
- DIN Cu 6-300
- DIN Al 16-300



Art. No.	mm	mm ²	kg	PU
216804	765	10 - 300	11,800	1

Crimping headstock „KO-6“

- Pressing force in kN: 60
- Working pressure in bar: 700
- Head can be opened
- Opening/ Hub: 17 mm
- Pressing width: slim
- Crimping range cable lugs: standard Cu 6-300
- DIN Cu 6-300
- DIN Al 16-300
- Crimping range connectors: standard Cu 6-300
- DIN Cu 6-300
- DIN Al 16-300
- Quick coupling

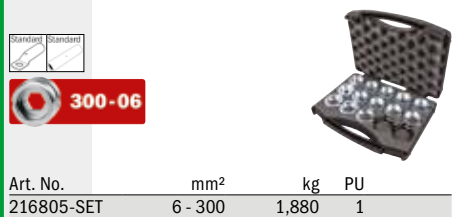


Art. No.	mm	mm ²	kg	PU
216807	235	6 - 300	4,200	1

Dies

Crimping dies set Standard Cu

13 standard crimping dies in practical transport case
Set contains:
216806 CU 6, 216808 CU 10, 216810 CU 16, 216812 CU 25, 216814 CU 35, 216816 CU 50, 216818 CU 70, 216820 CU 95, 216822 CU 120, 216824 CU 150, 216826 CU 185, 216828 CU 240, 216830 CU 300



Art. No.	mm ²	kg	PU
216805-SET	6 - 300	1,880	1

Dies for terminals and compacted connectors

for standard tube terminals and compacted connectors, also for thinned, compacted conductors, in practical transport case. Set contains: 216806/V, 216808/V, 216810/V, 216812/V, 216814/V, 216816/V, 216818/V, 216820/V, 216822/V, 216824/V, 216826/V, 216828/V, 216830/V



Art. No.	mm ²	kg	PU
216806/V-SET	6 - 300	1,880	1

Crimping dies set DIN Cu

12 DIN-Crimping dies in practical transport case
Set contains:
216834 DIN 10, 216836 DIN 16, 216838 DIN 25, 216840 DIN 35, 216842 DIN 50, 216844 DIN 70, 216846 DIN 95, 216848 DIN 120, 216850 DIN 150, 216852 DIN 185, 216854 DIN 240, 216856 DIN 300



Art. No.	mm ²	kg	PU
216831-SET	10 - 300	1,724	1



Crimping dies set Standard Aluminium

9 standard crimping dies in practical transport case

Set contains:

216812/Al AL 25, 216814/Al AL 35, 216816/Al AL 50, 216818/Al AL 70, 216820/Al AL 95, 216822/Al AL 120, 216824/Al AL 150, 216826/Al AL 185, 216828/Al AL 240



Art. No.	mm ²	kg	PU
216812/AL-SET	25 - 240	1,470	1

Crimping dies set DIN Aluminium

9 DIN-Crimping dies in practical transport case

Set contains:

216840/AL DIN 16-25, 216842/AL DIN 35, 216844/AL DIN 50, 216846/AL DIN 70, 216850/AL DIN 95-120, 216852/AL DIN 150, 216854/AL DIN 185, 216856/AL DIN 240, 216858/AL DIN 300



Art. No.	mm ²	kg	PU
216840/AL-SET	16 - 300	1,430	1

Dies for terminals and connectors DIN



Art. No.	Cu	l/no.	PW	kg	PU
216832	6	5	5	0,123	1
216834	10	6	5	0,122	1
216836	16	8	5	0,125	1
216838	25	10	5	0,120	1
216840	35	12	5	0,120	1
216842	50	14	5	0,119	1
216844	70	16	5	0,120	1
216846	95	18	5	0,120	1
216848	120	20	5	0,120	1
216850	150	22	5	0,120	1
216852	185	25	5	0,120	1
216854	240	28	5	0,115	1
216856	300	32	5	0,120	1

Dies for terminals and connectors standard



Art. No.	mm ²	PW	kg	PU
216806	6	5	0,139	1
216808	10	5	0,136	1
216810	16	5	0,136	1
216812	25	5	0,135	1
216814	35	5	0,135	1
216816	50	5	0,134	1
216818	70	5	0,132	1
216820	95	5	0,132	1
216822	120	5	0,130	1
216824	150	5	0,128	1
216826	185	5	0,125	1
216828	240	5	0,121	1
216830	300	5	0,118	1

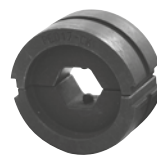
Dies for terminals and compacted connectors

for standard tube terminals and compacted connectors, also for thinned, compacted conductors



Art. No.	mm ²	PW	kg	PU
216806/V	6	5	0,139	1
216808/V	10	5	0,136	1
216810/V	16	5	0,136	1
216812/V	25	5	0,135	1
216814/V	35	5	0,135	1
216816/V	50	5	0,134	1
216818/V	70	5	0,132	1
216820/V	95	5	0,132	1
216822/V	120	5	0,130	1
216824/V	150	5	0,128	1
216826/V	185	5	0,125	1
216828/V	240	5	0,121	1
216830/V	300	5	0,118	1

Dies for tubular terminals „F-Type“



Art. No.	mm ²	PW	kg	PU
216878	10	8	0,146	1
216880	16	9	0,153	1
216882	25	11	0,162	1
216884	35	13	0,171	1
216886	50	13	0,167	1
216888	70	13	0,160	1
216890	95	13	0,164	1
216892	120	20	0,174	1
216894	150	20	0,162	1
216896	185	8	0,124	1
216898	240	8	0,119	1
216899	300	8	0,089	1

Dies for end sleeves

also for thinned conductors



Art. No.	mm ²	PW	kg	PU
216952	10	21	0,120	1
216954	16	21	0,120	1
216956	25	21	0,120	1
216958	35	21	0,120	1
216960	50	21	0,120	1
216962	70	21	0,120	1
216964	95	21	0,120	1
216966	120	21	0,120	1
216968	150	21	0,120	1
216970	185	21	0,120	1
216972	240	21	0,120	1

Dies for rounding of round conductors



Art. No.	mm ²	sm	se	kg	PU
216926	10	10	-	0,120	1
216928	16	16	-	0,120	1
216930	25 - 35	25	35	0,120	1
216932	35 - 50	35	50	0,120	1
216934	50 - 70	50	70	0,120	1
216936	70 - 95	70	95	0,120	1
216938	95 - 120	95	120	0,120	1
216940	120 - 150	120	150	0,240	1
216942	150 - 185	150	185	0,197	1
216944	185 - 240	185	240	0,120	1
216946	240 - 300	240	300	0,120	1

Oval crimp for stripped pipe cable lugs

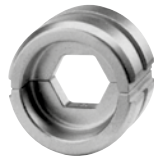


Art. No.	mm ²	PW	kg	PU
216670	10	5	0,132	1
216672	16	5	0,132	1
216674	25	5	0,132	1
216676	35	5	0,132	1
216678	50	5	0,132	1
216680	70	5	0,132	1
216682	95	5	0,132	1
216684	120	5	0,132	1
216686	150	5	0,132	1

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Dies for standard aluminium pipe cable lugs



Art. No.	mm ²	PW	kg	PU
216812/AL	25	7	0,135	1
216814/AL	35	7	0,135	1
216816/AL	50	7	0,135	1
216818/AL	70	7	0,135	1
216820/AL	95	7	0,135	1
216822/AL	120	7	0,135	1
216824/AL	150	7	0,135	1
216826/AL	185	7	0,135	1
216828/AL	240	7	0,135	1

Dies for connectors with notch



Art. No.	mm ²	kg	PU
216813	25	0,143	1
216815	35	0,143	1
216817	50	0,143	1
216819	70	0,143	1
216821	95	0,143	1
216823	120	0,135	1

Dies for DIN aluminium pipe cable lugs



Art. No.	mm ²	l/no.	PW	kg	PU
216840/AL	16 - 25	12	7	0,120	1
216842/AL	35	14	7	0,120	1
216844/AL	50	16	7	0,120	1
216846/AL	70	18	7	0,120	1
216850/AL	95 - 120	22	7	0,120	1
216852/AL	150	25	7	0,120	1
216854/AL	185	28	7	0,120	1
216856/AL	240	32	5	0,120	1
216858/AL	300	34	5	0,135	1

Dies for indent crimping for compacted cables



Art. No.	mm ²	kg	PU
216863	16	0,135	1
216865	25	0,135	1
216867	35	0,135	1
216869	50	0,135	1
216871	70	0,135	1
216873	95	0,135	1
216875	120	0,135	1
216877	150	0,135	1

Dies for C-connectors



Art. No.	mm ²	PW	kg	PU
216984	16	5	0,135	1
216984/25	25	5	0,140	1
216985	35	5	0,135	1
216986	50	5	0,134	1
216986/70	70	5	0,140	1
216986/70C	70	5	0,140	1
216987	95	5	0,132	1
216988	120	5	0,132	1
216989	10	5	0,140	1

Hydraulic crimping tools

Battery-hydraulic Base Tool US-12M Sensor

- for 3 different interchangeable heads (Art. No. 216626, Art. No. 216627, Art. No. 216628)
- easy change of heads
- lockable by 2 extractable bolts
- Head 180° rotatable
- Selector switch for
 - automatic return
 - 50% automatic return
 - manual return
- Sensor mode switchable for pressing and cutting
- 2 white LEDs for workspace illumination
- Crimping force in kN: 120
- Working pressure in bar: 700
- Battery charging time in minutes: 60
- Battery type: Li-Ion, 18 V, 4 Ah

The different colors of the sensor LED indicate if the operation has been completed successfully or if an error occurred.

- LED green: crimping completed in accordance with standards, motor stopped
- LED orange: battery voltage insufficient
- LED red: crimping not correctly completed



Art. No.	l	kg	PU
216625-1	420	6,544	1
216625-1-NO	420	5,800	1
216625-1-N	420	5,316	1

Crimping head U-KDE500-12

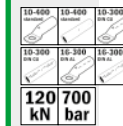
- Crimping force in kN: 120
- Working pressure in bar: 700
- Hinged head
- Cable lugs: standard Cu 35-500
- DIN AL 95-500
- Connectors: standard Cu 35-500
- DIN AI 95-500
- Weight in kg: 1,284



Art. No.	mm ²	kg	PU
216626	35 - 500	1,284	1

Crimping head U-K0400-12

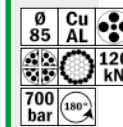
- Crimping force in kN: 120
- Working pressure in bar: 700
- Opening / Stroke: 53 mm
- Hinged head
- Pressing width: wide
- Cable lugs: standard Cu 10-400 • DIN Cu 10-300
- DIN AI 16-300
- Connectors: standard Cu 10-400 • DIN Cu 10-300
- DIN AI 16-300
- Use of all dies in the 400-C12 series possible
- Weight in kg: 1,332



Art. No.	mm ²	kg	PU
216627	10 - 400	1,323	1

Cutting head U-KS12-S85

- Crimping force in kN: 120
- Working pressure in bar: 700
- Cutting width Ø: 85 mm
- Weight in kg: 5,483



Art. No.	Ø	kg	PU
216628	85	5,483	1

Scope of delivery for all battery-hydraulic cable cutters:
1 tool, 1 quick charger and 1 rechargeable battery in SysCon or system case incl. Insert.

For versions -NO: no battery, no charger
For versions -N: only machine in transport packaging

Battery powered crimping tool „AC25-12“ Sensor

With the different colours of the sensor LED, it shows whether the pressing has been completed successfully or which errors have occurred.

- Pressing force in kN: 120
- Working pressure in bar: 700
- Opening / Hub: 25 mm
- Pressing width: wide
- Crimping range cable lugs: standard Cu 10-400
- DIN Cu 10-300
- DIN Al 16-300
- Crimping range connectors: standard Cu 10-185
- DIN Cu 10-150
- DIN Al 16-120
- Pressing time, battery-operated in sec.: 6 - 12
- Battery charging time in min.: 120
- Battery type: Li-Ion, 18 V, 4 Ah
- Dual-piston pump



400-C12

Art. No.	mm	mm ²	kg	PU
216601-1	375	10 - 400	10,550	1
216601-1-NO	375	10 - 400	7,100	1
216601-1-N	375	10 - 400	7,100	1

Hydraulic hand pliers „HC25-12“

- Pressing force in kN: 120
- Working pressure in bar: 700
- Opening / Hub: 25 mm
- Pressing width: wide
- Crimping range cable lugs: standard Cu 10-400
- DIN Cu 10-300
- DIN Al 16-300
- Crimping range connectors: standard Cu 10-185
- DIN Cu 10-150
- DIN Al 16-120
- Dual-piston pump

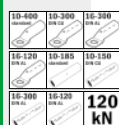


400-C12

Art. No.	mm	mm ²	kg	PU
216124	585	10 - 400	7,700	1

Hydraulic crimping headstock „KC25-12“

- Pressing force in kN: 120
- Working pressure in bar: 700
- Pressing width: wide
- Crimping range cable lugs: standard Cu 10-400
- DIN Cu 10-300
- DIN Al 16-300
- Crimping range connectors: standard Cu 10-185
- DIN Cu 10-150
- DIN Al 16-120
- Opening / Hub: 25 mm
- Quick coupling



400-C12

Art. No.	mm	mm ²	kg	PU
216004	245	10 - 400	4,600	1

Battery powered crimping tool „AC42-12“ Sensor

With the different colours of the sensor LED, it shows whether the pressing has been completed successfully or which errors have occurred.

- Pressing force in kN: 120
- Working pressure in bar: 700
- Opening / Hub: 42 mm
- Pressing width: wide
- Crimping range cable lugs: standard Cu 10-400
- DIN Cu 10-300
- DIN Al 16-300
- Crimping range connectors: standard Cu 10-400
- DIN Cu 10-300
- DIN Al 16-300
- Pressing time, battery-operated in sec.: 7 - 13
- Battery charging time in min.: 120
- Battery type: Li-Ion, 18 V, 4 Ah
- Dual-piston pump



400-C12

Art. No.	mm	mm ²	kg	PU
216622-1	430	10 - 400	11,830	1
216622-1-NO	430	10 - 400	7,800	1
216622-1-N	430	10 - 400	7,100	1

Hydraulic hand pliers „HC42-12“

- Pressing force in kN: 120
- Working pressure in bar: 700
- Opening / Hub: 42 mm
- Pressing width: wide
- Crimping range cable lugs: standard Cu 10-400
- DIN Cu 10-300
- DIN Al 16-300
- Crimping range connectors: standard Cu 10-400
- DIN Cu 10-300
- DIN Al 16-300
- Dual-piston pump

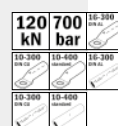


400-C12

Art. No.	mm	mm ²	kg	PU
216125	640	10 - 400	9,700	1

Hydraulic crimping headstock „KC42-12“

- Pressing force in kN: 120
- Working pressure in bar: 700
- Opening / Hub: 42 mm
- Pressing width: wide
- Crimping range cable lugs: Cu 10-400
- DIN Cu 10-300
- DIN Al 16-300
- Crimping range connectors: Cu 10-400
- DIN Cu 10-300
- DIN Al 16-300
- Quick coupling



400-C12

Art. No.	mm	mm ²	kg	PU
216005	320	10 - 400	6,300	1

Battery powered crimping tool „AH-12“ Sensor

With the different colours of the sensor LED, it shows whether the pressing has been completed successfully or which errors have occurred.

- Pressing force in kN: 120
- Working pressure in bar: 700
- Opening / Hub: 20 mm
- Pressing width: wide
- Crimping range cable lugs: standard Cu 10-400
- DIN Cu 10-300
- DIN Al 16-300
- Crimping range connectors: standard Cu 10-400
- DIN Cu 10-300
- DIN Al 16-300
- Pressing time, battery-operated in sec.: 6 - 13
- Battery charging time in minutes: 60
- Battery type: Li-Ion, 18 V, 4 Ah
- Dual-piston pump

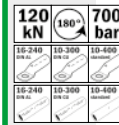


400-C12

Art. No.	mm	mm ²	kg	PU
216503-1	405	10 - 400	11,000	1
216503-1-NO	405	10 - 400	6,900	1
216503-1-N	405	10 - 400	6,400	1

Hydraulic hand pliers „HH-12“

- Pressing force in kN: 120
- Working pressure in bar: 700
- Opening / Hub: 20 mm
- Pressing width: wide
- Crimping range cable lugs: standard Cu 10-400
- DIN Cu 10-300
- DIN Al 16-300
- Crimping range connectors: standard Cu 10-400
- DIN Cu 10-300
- DIN Al 16-300
- Dual-piston pump

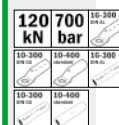


400-C12

Art. No.	mm	mm ²	kg	PU
215946	615	10 - 400	7,500	1

Crimping headstock „KH-12“

- Pressing force in kN: 120
- Working pressure in bar: 700
- Opening / Hub: 20 mm
- Pressing width: wide
- Crimping range cable lugs: standard Cu 10-400
- DIN Cu 10-300
- DIN Al 16-300
- Crimping range connectors: standard Cu 10-400
- DIN Cu 10-300
- DIN Al 16-300
- Quick coupling



400-C12

Art. No.	mm	mm ²	kg	PU
215980	275	10 - 400	5,000	1

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Dies

Crimping dies DIN for Copper and Aluminium, hexagonal pressing



Art. No.	Cu	l/no.	PW	kg	PU
216036	10	6	10	0,248	1
216038	16	8	10	0,248	1
216040	25	10	13	0,244	1
216042	35	12	13	0,235	1
216044	50	14	13	0,231	1
216046	70	16	13	0,226	1
216048	95	18	14	0,229	1
216050	120	20	14	0,225	1
216052	150	22	10	0,197	1
216054	185	25	10	0,193	1
216056	240	28	10	0,185	1
216060	300	32	10	0,142	1

Dies for compacted connectors

for standard cable lugs and compacted connectors, also on compacted thinned connectors



Art. No.	mm ²	PW	kg	PU
216008/V	10	10	0,211	1
216010/V	16	10	0,212	1
216012/V	25	10	0,210	1
216014/V	35	13	0,207	1
216016/V	50	13	0,224	1
216018/V	70	14	0,221	1
216020/V	95	14	0,226	1
216022/V	120	14	0,200	1
216024/V	150	11	0,200	1
216026/V	185	11	0,191	1
216028/V	240	11	0,186	1
216030/V	300	11	0,200	1
216032/V	400	11	0,200	1

Crimping dies standard copper tube terminals and connectors, hexagonal pressing



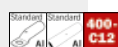
Art. No.	mm ²	PW	kg	PU
216008	10	10	0,211	1
216010	16	10	0,212	1
216012	25	10	0,210	1
216014	35	13	0,207	1
216016	50	13	0,224	1
216018	70	14	0,221	1
216020	95	14	0,226	1
216022	120	14	0,200	1
216024	150	11	0,200	1
216026	185	11	0,191	1
216028	240	11	0,186	1
216030	300	11	0,200	1
216032	400	11	0,200	1

Crimping dies DIN for DIN Aluminium terminals and connectors, hexagonal pressing



Art. No.	mm ²	l/no.	PW	kg	PU
216042/AL	16 - 25	12	12	0,200	1
216044/AL	35	14	12	0,200	1
216046/AL	50	16	12	0,200	1
216048/AL	70	18	12	0,200	1
216052/AL	95 - 120	22	14	0,200	1
216054/AL	150	25	14	0,200	1
216056/AL	185	28	14	0,200	1
216060/AL	240	32	17	1,300	1
216062/AL	300	34	17	0,210	1

Crimping dies for standard Aluminium terminals and connector, hexagonal pressing



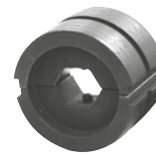
Art. No.	mm ²	PW	kg	PU
216012/AL	16 - 25	10	0,210	1
216014/AL	35	10	0,210	1
216016/AL	50	13	0,210	1
216018/AL	70	13	0,210	1
216020/AL	95	13	0,210	1
216022/AL	120	13	0,210	1
216024/AL	150	14	0,210	1
216026/AL	185	14	0,210	1
216028/AL	240	10	0,210	1

Crimping dies standard copper tube terminals and connectors, mandrel shape crimping



Art. No.	mm ²	kg	PU
216064	10	0,200	1
216066	16	0,120	1
216068	25	0,118	1
216070	35	0,116	1
216072	50	0,118	1
216074	70	0,131	1
216076	95	0,119	1
216078	120	0,111	1
216080	150	0,107	1
216082	185	0,095	1
216084	240	0,085	1
216086	300	0,060	1
216065	10 - 25	0,112	1
216067	35 - 50	0,121	1
216069	70 - 120	0,136	1
216071	150 - 300	0,125	1

Crimping dies for cable class 5+6, F-Type



Art. No.	mm ²	PW	kg	PU
216160	10	8	0,211	1
216162	16	8	0,216	1
216164	25	11	0,227	1
216166	35	13	0,234	1
216168	50	13	0,232	1
216170	70	13	0,111	1
216172	95	13	0,230	1
216174	120	20	0,247	1
216176	150	20	0,235	1
216178	185	8	0,190	1
216180	240	8	0,179	1
216182	300	8	0,126	1

Crimping dies for rounding of square connectors



Art. No.	mm ²	se	sm	kg	PU
216088	50	70	50	0,518	1
216090	70	95	70	0,505	1
216092	95	120	95	0,489	1
216094	120	150	120	0,474	1
216096	150	185	150	0,463	1
216098	185	240	185	0,441	1
216100	240	300	240	0,406	1

Crimping dies for end sleeves and compacted thinned conductors

wave form



Art. No.	mm ²	PW	kg	PU
216112	50	26	0,194	1
216114	70	26	0,200	1
216116	95	26	0,188	1
216118	120	26	0,200	1
216120	150	26	0,200	1
216122	185	26	0,111	1
216123	240	26	0,111	1

Crimping dies for insulated tube terminals

oval pressing



Art. No.	mm ²	PW	kg	PU
216126	10	5	0,200	1
216128	16	5	0,200	1
216130	25	5	0,220	1
216132	35	5	0,218	1
216134	50	5	0,200	1
216136	70	5	0,200	1
216138	95	5	0,200	1
216140	120	5	0,200	1
216142	150	5	0,200	1

Crimping dies for C-connectors



oval pressing

400-
C12

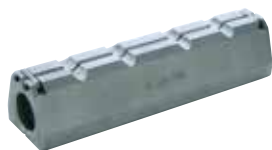


Art. No.	mm ²	PW	kg	PU
216148	16 - 25	16	0,218	1
216149	25	17	0,260	1
216150	35	20	0,208	1
216152	50 - 70	20	0,260	1
216154	95	30	0,217	1
216156	120	30	0,261	1
216153	70	20	0,260	1
216157	120	20	0,260	1

Pressing inserts „Deep Indend“ (AH-12/KH-12/HH-12)

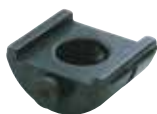


for conduit terminals and connectors, thorn pressing



Art. No.		mm ²	kg	PU
216552	cable lugs	50 - 70	0,211	1
216554	cable lugs	95 - 185	0,211	1
216556	cable lugs	240	0,211	1
216562	connectors	50 - 70	0,211	1
216564	connectors	95 - 185	0,211	1
216566	connectors	240	0,211	1

Adapter pressing thorn



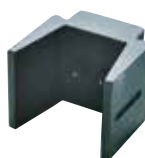
Art. No.		kg	PU
216570		0,211	1

Pressing thorn



Art. No.	mm ²	kg	PU
216574	50 - 70	0,211	1
216576	95 - 185	0,211	1
216578	240	0,211	1

Holder for „Deep Indend“ pressing inserts



Art. No.	mm ²	kg	PU
216580	50 - 185	0,211	1
216582	240	0,211	1

Hydraulic crimping tools

Battery powered crimping tool „SDE240-6“

- Pressing force in kN: 60
- Working pressure in bar: 700
- Cable lugs: standard Cu 10-240
- Connectors: standard Cu 10-240
- Cable lugs: DIN AI 50-240
- Connectors: DIN AI 50-240
- Pressing time, battery-operated in sec.: 6-12
- Battery charging time in min.: 30
- Battery type: Li-Ion, 18 V, 2 Ah



Art. No.	mm ²	kg	PU
216669-1	10 - 240	7,900	1
216669-1-NO	16 - 240	3,600	1
216669-1-N	10 - 240	3,200	1

Battery powered crimping tool „SDE240-6M“

With the different colours of the sensor LED, it shows whether the pressing has been completed successfully or which errors have occurred.

Technical data and scope of delivery, see 216669-1



Art. No.	mm ²	kg	PU
216669/M-1	10 - 240	7,900	1
216669/M-1-NO	10 - 240	3,600	1
216669/M-1-N	10 - 240	3,200	1

Battery powered crimping tool „SD300-6“

- Pressing force in kN: 60
- Working pressure in bar: 700
- Cable lugs: standard Cu 16-300
- Connectors: standard Cu 16-120
- Pressing time, battery-operated in sec.: 6-12
- Battery charging time in min.: 30
- Battery type: Li-Ion, 18 V, 2 Ah



Art. No.	mm ²	kg	PU
216663-1	16 - 300	7,900	1
216663-1-NO	16 - 300	4,500	1
216663-1-N	16 - 300	4,200	1

Battery powered crimping tool „SD300-6M“

Sensor

With the different colours of the sensor LED, it shows whether the pressing has been completed successfully or which errors have occurred.

Technical data and scope of delivery, see 216663-1



Art. No.	mm ²	kg	PU
216663/M-1	16 - 300	7,900	1
216663/M-1-NO	16 - 300	4,500	1
216663/M-1-N	16 - 300	4,200	1

Hydraulic hand pliers „HD300-6“

- Pressing force in kN: 60
- Working pressure in bar: 700
- Crimping range cable lugs: standard Cu 16-300
- Crimping range connectors: standard Cu 16-120
- Dual-piston pump



Art. No.	mm ²	kg	PU
216660	16 - 300	6,500	1

Crimping headstock „KD300-6“

- Pressing force in kN: 60
- Working pressure in bar: 700
- Crimping range cable lugs: standard Cu 16-300
- Crimping range connectors: standard Cu 16-120
- Quick coupling



Art. No.	mm ²	kg	PU
216665	16 - 300	3,800	1



Scope of delivery for all battery-hydraulic cable cutters:
1 tool, 1 quick charger and 1 rechargeable battery in SysCon or system case incl. Insert.

For versions -NO: no battery, no charger

For versions -N: only machine in transport packaging

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Battery powered crimping tool „SD400-6“

- Pressing force in kN: 60
- Working pressure in bar: 700
- Head can be opened
- Cable lugs: standard Cu 25-400
- Connectors: standard Cu 25-400
- Pressing time, battery-operated in sec.: 6-12
- Battery charging time in min.: 30
- Battery type: Li-Ion, 18 V, 2 Ah



Art. No.	mm ²	kg	PU
216667-1	455 25 - 400	7,900	1
216667-1-NO	455 25 - 400	4,400	1
216667-1-N	455 25 - 400	4,000	1

Battery powered crimping tool „SD400-6M“

With the different colours of the sensor LED, it shows whether the pressing has been completed successfully or which errors have occurred.

Technical data and scope of delivery, see 216667-1



Art. No.	mm ²	kg	PU
216667/M-1	455 25 - 400	8,500	1
216667/M-1-NO	455 25 - 400	4,400	1
216667/M-1-N	455 25 - 400	4,000	1

Hydraulic hand pliers „HD400-6“

- Pressing force in kN: 60
- Working pressure in bar: 700
- Head can be opened
- Crimping range cable lugs: standard Cu 25-400
- Crimping range connectors: standard Cu 25-400
- Dual-piston pump



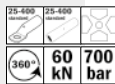
Art. No.	mm ²	kg	PU
216661	585 25 - 400	7,900	1

Scope of delivery for all battery-hydraulic cable cutters:
1 tool, 1 quick charger and 1 rechargeable battery in SysCon or system case incl. Insert.

For versions -NO: no battery, no charger
For versions -N: only machine in transport packaging

Crimping headstock „HKD400“

- Pressing force in kN: 60
- Working pressure in bar: 700
- Head can be opened
- Crimping range cable lugs: standard Cu 25-400
- Crimping range connectors: standard Cu 25-400
- Quick coupling



Art. No.	mm ²	kg	PU
216666	300 25 - 400	4,000	1

Battery powered crimping tool „ADE500-M12“

With the different colours of the sensor LED, it shows whether the pressing has been completed successfully or which errors have occurred.

- Pressing force in kN: 120
- Working pressure in bar: 700
- Kopf aufklappbar
- Cable lugs: standard Cu 35-500
- Connectors: standard Cu 35-500
- Pressing time, battery-operated in sec.: 6-12
- Battery charging time in min: 60
- Battery type: Li-Ion, 18 V, 4 Ah



Art. No.	mm ²	kg	PU
216668/M-1	405 35 - 500	11,420	1
216668/M-1-NO	405 35 - 500	7,300	1
216668/M-1-N	405 35 - 500	7,180	1

Test pin

Test pin for hydraulic four mandrel pressing tools



Art. No.	kg	PU
216660/B	0,566	1

Template for four mandrel pressing

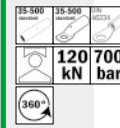
Template for hydraulic four mandrel pressing tools



Art. No.	kg	PU
216660/L	0,566	1

Headstock „KDE500-12“

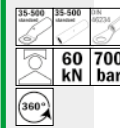
- Pressing force in kN: 120
- Working pressure in bar: 700
- Hinged Head
- Cable Lugs: standard Cu 35-500
- Connectors: standard Cu 35-500
- Weight in kg: 3,5



Art. No.	mm ²	kg	PU
216690	330 35 - 500	3,500	1

Hydraulic hand pliers „HDE500-12“

- Pressing force in kN: 120
- Working pressure in bar: 700
- Hinged head
- Cable Lugs: standard Cu 35-500
- Connectors: standard Cu 35-500
- Weight in kg: 7,7



Art. No.	mm ²	kg	PU
216691	600 35 - 500	7,700	1

Pressure testing tool

Pressure testing tool C-head

Dies and indicating manometer for monitoring the pressing force of article 216601, 216124, 216004, 216622, 216125, 216005



Art. No.	kg	PU
217100	1,900	1

Pressure testing tool pistol-format

Dies and indicating manometer for monitoring the pressing force, only for battery-operated pressing tools in the 400-C12 and 216800 series



Art. No.	kg	PU
217101	0,800	1

Pressure testing tool H-head

Dies and indicating manometer for monitoring the pressing force of article 215946, 215980, 216503



Art. No.	kg	PU
217102	5,000	1

Pressure testing tool 0-head

Dies and indicating manometer for monitoring the pressing force of article 216801, 216801/M, 216800, 216802, 216804, 216807

300-06



Art. No.	kg	PU
217103	2,000	1

Pressure testing tool 240-H6

Dies and indicating manometer for monitoring the pressing force of article 215881, 215881/M, 215800

240-H6



Art. No.	kg	PU
217104	3,400	1

Pressure testing tool 185-H6

Dies and indicating manometer for monitoring the pressing force of article 215765, 215770, 215770/M

185-H6



Art. No.	kg	PU
217105	3,300	1

Pressure testing tool recorder

for all accumulator hydraulics with sensor technology



Art. No.	kg	PU
217107	0,700	1

Accessories

Battery Li-Ion 18 V 2 Ah

Compatible with all Li-Ion 18 V battery devices, charging possible using the HAUPA compact charger item 215527 or original Makita charging technology



Art. No.	kg	PU
215523	0,350	1

Battery Li-Ion 18 V 4 Ah

Compatible with all Li-Ion 18 V battery devices, charging possible using the HAUPA compact charger item 215527 or original Makita charging technology



Art. No.	kg	PU
215525	0,580	1

Li-Ion 18 V compact charger

for Art. 215523 & 215525



Art. No.	kg	PU
215527	0,164	1

Battery Li-Ion 18 V 2 Ah

compatible with all Li-Ion, 18 Volt Battery powered tools build before 2018



Art. No.	kg	PU
215503	0,383	1

Battery Li-Ion 18 V 4 Ah

compatible with all Li-Ion, 18 Volt Battery powered tools build before 2018



Art. No.	kg	PU
215511	0,651	1

Quick charger Li-Ion 18 V

for art. 215503 & 215511



Art. No.	kg	PU
215513	0,819	1

Hydraulic oil

0,5 l



Art. No.	kg	PU
216254	1,000	1

18V Battery Adapter



Art. No.		kg	PU
215529	BOSCH	0,350	1
215531	MILWAUKEE	0,350	1
215533	DEWALT	0,350	1

Hydraulic crimping headstocks

Hydraulic crimping headstock „KH-25“

- Pressing force in kN: 250
- Working pressure in bar: 700
- Pressing width: wide
- Pressing area Cu/Al: 95-630
- Quick coupling



Art. No.	mm ²	kg	PU
216236	185 95 - 630	9,000	1

Crimping dies, standard, Cu



Art. No.	mm ²	kg	PU
212580	95	1,300	1
212581	120	1,300	1
212582	150	1,300	1
212583	185	1,300	1
212584	240	1,300	1
212585	300	1,300	1
212586	400	1,300	1
212587	500	1,300	1
212588	625	1,300	1

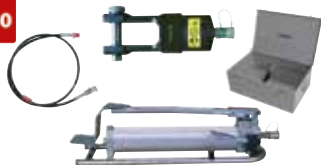
Crimping dies DIN-connection, Cu/Al



Art. No.	Cu	Al	l/no.	kg	PU
212372	95	70	18	1,194	1
212376	120	-	20	2,000	1
212380	150	95 - 120	22	1,700	1
212382	185	150	25	1,300	1
212384	240	185	28	1,300	1
212388	300	240	32	1,300	1
212390	300	300	34	1,300	1
212392	400	400	38	1,300	1
212394	500	-	42	1,300	1
212396	625	500	44	1,113	1

Hydraulic crimping headstock set

Content:
Hydraulic crimping headstock „KH-25“
Hydraulic high-pressure hose, 2 m
Hydraulic foot pump
Carrycase



Art. No.	mm ²	kg	PU
216250	95 - 630	21,000	1

Hydraulic crimping headstock + cylinder „KH-45“

- Pressing force in kN: 450
- Working pressure in bar: 700
- Pressing width: wide
- Pressing area Cu/Al: 120-1000
- Quick coupling



Art. No.	mm ²	kg	PU
216355	185 120 - 1000	9,320	1

Crimping dies, standard



Art. No.	mm ²	kg	PU
216304	120	2,635	1
216306	150	2,600	1
216308	185	2,620	1
216310	240	2,580	1
216312	300	2,580	1
216314	400	2,235	1
216316	500	1,200	1
216318	625	2,300	1

Crimping dies, DIN



Art. No.	Cu	Al	l/no.	kg	PU
216320	120	-	20	1,115	1
216322	150	95 - 120	22	1,063	1
216324	185	150	25	1,058	1
216326	240	185	28	1,096	1
216328	300	240	32	0,900	1
216330	300	300	34	1,070	1
216332	400	-	38	2,320	1
216334	500	-	42	2,280	1
216336	625	-	44	2,260	1
216338	800	-	52	1,051	1
216340	1000	-	58	2,060	1

Hydraulic foot pump „F-700“

without hose, quick coupling



Art. No.	Bar	kg	PU
216348	700	7,860	1

Electro-hydraulic pump „PN700 I“

electric foot switch, completely self-acting, also the release of the dies at the end of the operation, 2 m high pressure tube and hydraulic connectors, for industrial uses, where a high level of production is needed, 230 volt, with foot switch control, pump for working outside



Art. No.	Bar	kg	PU
216352	230 V 700	20,000	1

Battery-hydraulic pump „PA-700“

Sensor

2 stage hydraulics, manual control switch, manual return flow after perfect pressure, LED for battery control, 1 quick charger, 1 battery Li-Ion, 4 Ah, carrying belt, max. operating pressure: 700 bar with 1,8 m hose, with quick coupling.

With the different colours of the sensor LED, it shows whether the pressing has been completed successfully or which errors have occurred:

Light is green: Pressing completed as standard, motor stopped.

Light is orange: Battery voltage not sufficient

Light is red: Pressing interrupted before completed

Cutting/Pressing/Punching



Art. No.	Bar	kg	PU
216357	700	10,420	1

Hydraulic high pressure hose

steel reinforced with quick coupling to foot pump Art. No. 216348 and electro-hydraulic pump Art. No. 216352



Art. No.	mm ²	kg	PU
216364	5	1,260	

Hydraulic punching tools

Hydraulic hand-punching tool „HS-8“

Extent of supply: 1 hydraulic hand punch, 1 connecting rod 3/8-24 UNF (article no. 217660), 1 connecting rod 3/4-16 UNF (article no. 217662), 1 adapter (article no. 217664), 1 spacer bushing (article no. 217666), 1 transport case.

- Punching performance: Steel sheet of up to a maximum of 3 mm
- Pressing force: 80 kN

80
kN



Art. No.	kg	PU
217604	3,800	1

Hydraulic hand-punch-cutter „HS-6“

Extent of supply: 1 hydraulic punching tool, 1 rod 3/8-24 UNF (art. 217660), 1 rod 3/4-16 UNF (art. 217662), 1 adapter (art. 217664), 1 sleeve (art. 217666), 1 plastic case with insert.

- Pressing force: 60 kN
- Punching capacity: Steel plates up to max. 3 mm

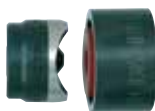
60
kN



Art. No.	kg	PU
217602	3,800	1

Punching dies, metric

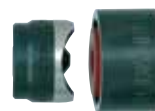
- ST37, 3 mm
- compatible with art. 216764



Art. No.	PG	Hole Ø	kg	PU
217610	ISO 16	16,5	0,070	1
217612	ISO 20	20,5	0,090	1
217614	ISO 25	25,5	0,150	1
217616	ISO 32	32,5	0,220	1
217618	ISO 40	40,5	0,900	1
217620	ISO 50	50,5	0,640	1
217622	ISO 63	63,5	0,950	1

Punching dies, PG

- ST37, 3 mm
- compatible with art. 216764



Art. No.	PG	Hole Ø	kg	PU
217630	PG 9	15,2	0,060	1
217632	PG 11	18,6	0,084	1
217634	PG 13,5	20,4	0,091	1
217636	PG 16	22,5	0,120	1
217638	PG 21	28,3	0,170	1
217640	PG 29	37	0,330	1
217642	PG 36	47	0,536	1
217644	PG 42	54	0,731	1
217646	PG 48	60	0,896	1

Punching dies, square

- ST37, 2,5 mm
- UNF
- compatible with art. 216764



Art. No.	H	kg	PU
217650	46	1,862	1
217652	68	1,500	1
217654	92	2,000	1

Connecting rod

Art. 217660 - 3/8-24 UNF

Art. 217662 - 3/4-16 UNF

- compatible with art. 216764



Art. No.	kg	PU
217660	1	0,040
217662	2	0,220

Adapter

for connecting rod art. 217660

- UNF
- compatible with art. 216764



Art. No.	kg	PU
217664	0,100	1

Spacer bushing

- compatible with art. 216764



Art. No.	kg	PU
217666	0,110	1

Punch and bending centre

Basic unit

Basic unit to accommodate bending, hole-making, cutting and cranking tools. The processing of lamellar copper rails is possible! Hydraulic tool for connection to a hydraulic pump with 700 bar (10,000 PSI)



Art. No.	kg	PU
216770	51,000	1

Hole-making tools

For punching round and slotted holes.

216776:

Hole tool for solid copper and aluminium rails

216777:

Hole-making tool for solid copper and aluminium rails as well as for laminated copper rails and grounding bands



Art. No.	kg	PU
216776	4,300	1
216777	4,300	1

Hole inserts for round holes

For both hole-making tools, the following diameters can be supplied

Art. No.	Ø	kg	PU
216778	6,5	M6 > 216776	1,500 1
216778/L	6,5	M6 > 216777	1,500 1
216779	9	M8 > 216776	0,114 1
216779/L	9	M8 > 216777	0,420 1
216780	10,5	M8 > 216776	0,110 1
216780/L	10,5	M8 > 216777	0,419 1
216781	11	M10 > 216776	0,106 1
216781/L	11	M10 > 216777	0,418 1
216782	12,7	M10 > 216776	0,102 1
216782/L	12,7	M10 > 216777	0,416 1
216783	13	M12 > 216776	0,098 1
216783/L	13	M12 > 216777	0,414 1
216784	17	M16 > 216776	0,094 1
216784/L	17	M16 > 216777	0,412 1
216785	21	M20 > 216776	0,090 1
216785/L	21	M20 > 216777	0,411 1

Hole inserts for slotted holes

For both hole-making tools, the following diameters can be supplied

Art. No.	mm	kg	PU
216786	9 x 18	M8 > 216776	0,098 1
216786/L	9 x 18	M8 > 216777	0,423 1
216787	11 x 20	M10 > 216776	0,095 1
216787/L	11 x 20	M10 > 216777	0,421 1
216788	13 x 20	M12 > 216776	0,092 1
216788/L	13 x 20	M12 > 216777	0,419 1
216789	17 x 20	M16 > 216776	0,089 1
216789/L	17 x 20	M16 > 216777	0,417 1

Bending tool

For bending of solid copper or aluminium rails up to 12 x 120 mm. The bending matrix suits all bending radii.



Art. No.	kg	PU
216772	4,100	1
216775	3,200	1

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Cutting tool

for separating solid copper and aluminium rails up to 12 x 120 mm



Art. No.	Ø	kg	PU
216790	12 x 120	5,686	1

Cutting tool for lamellar rails

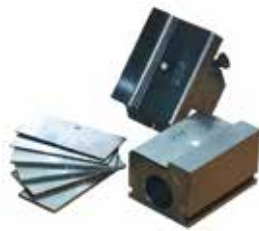
for separating lamellar rails made from copper, maximum dimensions: 12 x 120 mm



Art. No.	kg	PU
216791	9,000	1

Cranking tool for stepped bending of power rails

for creating a material offset in rail thicknesses on a length of just 30 mm. Possible offset 5, 6, 8, 10 and 12 mm



Art. No.	kg	PU
216792	10,000	1

Tool cases

Stable metal sheet case for accommodation of hole-making tool with inserts (1) or two tools (2)

Art. No.	kg	PU
216793	2,000	1
216794	2,000	1

Electro-hydraulic pump „Special“

for punching and bending centre, with angle sensor



Art. No.	Bar	kg	PU
216359	230 V 700	22,000	1

Fish tapes

Steel fish tapes

with eyelet and brass rolling ball, without additional pilot spring



Art. No.	Ø	↔	kg	PU
150152	3.5	10 m	0,131	1
150154	3.5	15 m	0,208	1
150156	3.5	20 m	0,268	1
150158	3.5	25 m	0,323	1

Spiral fish tapes

made from steel spirals, fourfold twisted, with solid steel end pieces, strip size 4 mm



Art. No.	Ø	↔	kg	PU
150200	4	5 m	0,312	1
150202	4	10 m	0,691	1
150204	4	15 m	0,988	1
150206	4	20 m	1,343	1
150208	4	25 m	1,820	1
150210	4	30 m	1,859	1

Perlon fish tapes

made from stretched „Bayer-Perlon wire“, black, with solid steel end pieces, with additional pilot spring, approx. 120 mm length



Art. No.	Ø	↔	kg	PU
150220 *	3	5 m	0,060	1
150222 *	3	10 m	0,103	1
150224 *	3	15 m	0,141	1
150226 *	3	20 m	0,188	1
150228 *	3	25 m	0,246	1
150230 *	3	30 m	0,244	1
150241 *	4	10 m	0,160	1
150243 *	4	15 m	0,234	1
150245 *	4	20 m	0,303	1
150247 *	4	25 m	0,386	1

Perlon fish tapes

made from stretched „Bayer-Perlon wire“, black, with solid steel end pieces, without additional pilot spring, strip size 4 mm



Art. No.	Ø	↔	kg	PU
150232	4	10 m	0,152	1
150234	4	15 m	0,236	1
150236	4	20 m	0,303	1
150238	4	25 m	0,402	1
150239	4	30 m	0,445	1

Perlon fish tapes

made from stretched „Bayer-Perlon wire“, black, with solid steel end pieces, with 2 eyes, strip size 3 mm



Art. No.	Ø	↔	kg	PU
150450	3	5 m	0,048	1
150452	3	10 m	0,099	1
150454	3	15 m	0,139	1
150456	3	20 m	0,163	1
150458	3	25 m	0,218	1
150462	4	5 m	0,080	1
150464	4	10 m	0,158	1
150466	4	15 m	0,240	1
150468	4	20 m	0,292	1
150470	4	25 m	0,389	1

Perlon fish tapes

made from stretched „Bayer-Perlon wire“, black, with solid steel end pieces, with 2 spring and 2 eyes, strip size 4 mm



Art. No.	Ø	↔	kg	PU
150476	4	10 m	0,180	1
150478	4	15 m	0,260	1
150480	4	20 m	0,332	1
150482	4	25 m	0,412	1

Fibreglas section fish rods kits

Fibre glass push rod set

in plastic bag.

Scope of delivery:

Push rod length: 7 m

5 rods 8 mm Ø black

2 rods 8 mm Ø white

Accessories:

1 hook, 1 chain, 1 magnet, 1 starting block, 1 pulling knob



Art. No.	kg	PU
150560	12 pcs. 0,500	1

Fibre glass push rod set

in nylon bag.

Scope of delivery:

Push rod length: 10 m

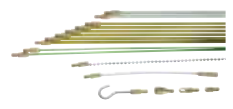
2 rods 6 mm Ø white

6 rods 5 mm Ø yellow

2 rods 4 mm Ø green

Accessories:

1 hook, 1 chain, 1 magnet, 1 starting block, 1 pulling knob, 1 LED lamp



Art. No.	kg	PU
150562 *	16 pcs. 0,700	1

HAUPA PullTec

Cable pulling device HAUPA PullTec

with special plastic coating, M5 thread and probe, in durable plastic housing, colour: black. „Single Composite“, 4 mm green



Art. No.	∅	↔	kg	PU
143502 *	4	30 m	M5 1,300	1
143500	4	20 m	M5 1,040	1

Replacement Rod HAUPA PullTec

„Single Composite“ 4 mm, green



Art. No.	∅	↔	kg	PU
143503	4	30 m	M5 1,300	1
143501	4	20 m	M5 1,000	1

Cable pulling device HAUPA PullTec



Art. No.	∅	kg	PU
143508	6	M5 0,010	1

Cable pulling device HAUPA PullTec

with special plastic coating, M5 thread and probe, in durable plastic housing, colour: black. „Single Composite“, 5,2 mm black



Art. No.	∅	↔	kg	PU
143506 *	5.2	M5 30 m	1,780	1

Cable pulling device HAUPA PullTec



Art. No.	∅	kg	PU
143509	6	M5 0,020	1

Replacement rod HAUPA-PullTec

„Single Composite“ 5,2 mm, black



Art. No.	∅	kg	PU
143505	5.2	M5 1,540	1
143507	5.2	M5 1,780	1

Cable pulling device, accessories

Cable pulling device HAUPA-FIBRE

Cable pulling device with glass fibre rod ∅ 3 mm, with PP casing, including front/end sleeve M5, 143010, 143024.143000/143002 inclusive: 143008 (2x), 143016 (2x), 143018 (2x), 143012, 143014, 143020, 143026 143002/ECO inclusive: 43008 (1x)



Art. No.	∅	↔	kg	PU
143000	3	M5 20 m	1,199	1
143002	3	M5 30 m	1,500	1
143002/ECO	3	M5 30 m	1,198	1

Pulling unit with loop M5



Art. No.	∅	kg	PU
143008	6	M5 0,020	1

Guiding head with loop M5



Art. No.	∅	kg	PU
143010	6	M5 0,200	1

Guiding head M5



Art. No.	∅	kg	PU
143012	7	M5 0,010	1

Guiding head M5



Art. No.	∅	kg	PU
143014	10	M5 0,011	1

Guiding head M5



Art. No.	∅	kg	PU
143030	13	M5 0,017	1

Front/end sleeve M5



Art. No.	kg	PU
143016	M5 0,005	1

Connection sleeve for probes ∅ 3 mm



Art. No.	∅	kg	PU
143018	3	M5 0,003	1

Cable grips



Art. No.	∅	↔	kg	PU
143020	4 - 6	200	M5 0,007	1

Special pulling aid

for fast pulling of glass fibre rods ∅ 3 mm



Art. No.	∅	kg	PU
143024	3-6	0,047	1

Special fast glue for glass fibre rod ∅ 3 mm



Art. No.	kg	PU
143026	0,012	1

Replacement glass fibre rod

including front/end sleeve M5



Art. No.	∅	↔	kg	PU
143004	3	20 m	0,022	1
143006	3	30 m	0,034	1

Service set for HAUPA-FIBRE

5 front sleeves, 5 guiding heads, 3 connection sleeves, 1 special fast glue



Art. No.	kg	PU
143028	M5 0,041	1

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Cable pulling device FOX



Art. No.	∅		kg	PU
143050	4.5	M5 40 m	3,900	1
143052 *	4.5	M5 60 m	4,400	1
143054	4.5	M5 80 m	4,800	1

Replacement glass fibre rod FOX

complete with front/end sleeve M5



Art. No.	∅		kg	PU
143056	4.5	M5 40 m	0,900	1
143058	4.5	M5 60 m	1,400	1
143060	4.5	M5 80 m	1,800	1

Guiding head with loop M5



Art. No.		kg	PU
143062	M5	0,011	1

Front bulb with shackle M5



Art. No.		kg	PU
143064	M5	0,100	1

Guiding role made from aluminium M5



Art. No.		kg	PU
143066	M5	0,100	1

Guiding head M5



Art. No.	∅		kg	PU
143012	7	M5	0,010	1
143014	10	M5	0,011	1
143030	13	M5	0,017	1

Guiding head set with heads ∅ 7, 10, 13 mm M5

Set!



Art. No.		kg	PU
143068	M5	0,038	1

Front/end sleeve M5



Art. No.		kg	PU
143070	M5	0,100	1

Connection sleeve for probes ∅ 4.5 mm



Art. No.	∅	kg	PU
143072	4.5	0,010	1

Cable pulling device SIX

lying version



Art. No.	∅		kg	PU
143100	6	40 m M6	5,200	1
143102	6	60 m M6	5,900	1
143104	6	80 m M6	6,800	1
143105	6	100 m M6	7,700	1

Cable pulling device SIX

standing version



Art. No.	∅		kg	PU
143106	6	M6 40 m	7,200	1
143108	6	M6 60 m	8,300	1
143110	6	M6 80 m	9,400	1
143111	6	M5 100 m	10,300	1

Cable pulling device SIX

standing version with wheels



Art. No.	∅		kg	PU
143112	6	40 m M6	7,400	1
143114	6	60 m M6	8,500	1
143116	6	80 m M6	9,600	1
143117	6	100 m M6	10,500	1

Replacement glass fibre rod SIX

complete with front/end sleeve M5



Art. No.	∅		kg	PU
143118	6	40 m M6	1,700	1
143120	6	60 m M6	2,500	1
143122	6	80 m M6	3,250	1
143124	6	100 m M6	4,150	1

Guiding head with loop M6



Art. No.	∅		kg	PU
143126	6	M6	0,018	1

Front bulb with shackle M6



Art. No.	∅		kg	PU
143128	6	M6	0,022	1

Guiding role made from aluminium M6



Art. No.	∅		kg	PU
143130	6	M6	0,026	1

Guiding head M6



Art. No.	∅		kg	PU
143132	6	M6	0,017	1

Front/end sleeve M6



Art. No.	∅		kg	PU
143134	6	M6	0,013	1

Connection shackle for probes ∅ 6 mm



Art. No.	∅		kg	PU
143136	6		0,012	1

Cable pulling device FIX

standing version



Art. No.	∅	→	kg	PU
143150	7.5 M12	40 m	8,100	1
143152	7.5 M12	60 m	9,400	1
143154	7.5 M12	80 m	10,700	1
143156	7.5 M12	100 m	11,900	1

Cable pulling device FIX

standing version with wheels



Art. No.	∅	→	kg	PU
143160	7.5 M12	40 m	9,100	1
143162	7.5 M12	60 m	10,400	1
143164	7.5 M12	80 m	11,700	1
143166	7.5 M12	100 m	12,900	1
143168 *	7.5 M12	120 m	14,100	1

Replacement glass fibre rod FIX

including front/end sleeve M12



Art. No.	∅	→	kg	PU
143170	7.5 M12	40 m	1,500	1
143172	7.5 M12	60 m	2,000	1
143174	7.5 M12	80 m	3,000	1
143176	7.5 M12	100 m	3,700	1
143178	7.5 M12	120 m	4,500	1

Front bulb with shackle M12



Art. No.	kg	PU
143180	M12 0,010	1

Guiding role made from aluminium M12



Art. No.	kg	PU
143182	M12 0,200	1

Guiding role made from aluminium, length 80 mm M12



Art. No.	∅	kg	PU
143184	40 M12	0,220	1

Front/end sleeve M12



Art. No.	kg	PU
143186	M12 0,004	1

Connection sleeve for probes ∅ 9 + 11 mm



Art. No.	∅	kg	PU
143187	7.5	0,003	1

Connection sleeve with rotator

with M12 connections on both sides



Art. No.	∅	→	kg	PU
143190	30 M12	83	0,006	1

Pipe cleaning brush



Art. No.	∅	kg	PU
143200	80	0,200	1
143202	97	0,098	1
143204	117	0,400	1

Cable pulling device STRONG

standing version



Art. No.	∅	→	kg	PU
143210	9 M12	40 m	9,100	1
143212	9 M12	60 m	12,900	1
143214	9 M12	80 m	14,820	1

Cable pulling device STRONG

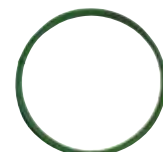
standing version with wheels



Art. No.	∅	→	kg	PU
143216	9 M12	100 m	29,400	1
143218	9 M12	120 m	31,300	1
143220	9 M12	150 m	33,900	1

Replacement glass fibre rod STRONG

including front/end sleeve M12



Art. No.	∅	→	kg	PU
143222	9 M12	40 m	3,800	1
143224	9 M12	60 m	5,500	1
143226	9 M12	80 m	7,500	1
143228	9 M12	100 m	9,400	1
143230	9 M12	120 m	11,300	1
143232	9 M12	150 m	13,900	1

Cable pulling device POWER



Art. No.	∅	→	kg	PU
143250	11 M12	150 m	43,000	1
143252	11 M12	200 m	50,000	1
143254	11 M12	250 m	56,500	1
143256	11 M12	300 m	64,500	1

Replacement glass fibre rod POWER

including front/end sleeve M12



Art. No.	∅	→	kg	PU
143258	11 M12	150 m	21,900	1
143260	11 M12	200 m	29,200	1
143262	11 M12	250 m	36,400	1
143264	11 M12	300 m	43,900	1

Cable pulling device KING



Art. No.	∅	→	kg	PU
143270	14.5	M12 150 m	85,000	1
143272	14.5	M12 200 m	99,000	1
143274	14.5	M12 250 m	113,000	1
143276	14.5	M12 300 m	127,000	1
143278	14.5	M12 350 m	141,000	1
143280	14.5	M12 400 m	156,000	1

Cable pulling device, accessories

Front bulb with shackle M12



Art. No.	kg	PU
143180	M12 0,010	1

Guiding role made from aluminium M12



Art. No.	kg	PU
143182	M12 0,200	1

Guiding role made from aluminium, length 80 mm M12



Art. No.	∅	kg	PU
143184	40	M12 0,220	1

Front/end sleeve M12



Art. No.	kg	PU
143185	M12 0,004	1

Connection sleeve for probes



Art. No.	∅	kg	PU
143188	9	0,150	1
143266	11	0,075	1

Connection sleeve with rotator

with M12 connections on both sides



Art. No.	∅	→	kg	PU
143190	30	M12 83	0,006	1

Pipe cleaning brush



Art. No.	∅br.	kg	PU
143200	80	0,200	1
143202	97	0,098	1
143204	117	0,400	1

Cable pulling device, accessories

Cable grips for electrical installations



Art. No.	∅	→	kg	PU
143300	4 - 6	M5 200	0,009	1
143302	6 - 9	M5 210	0,013	1
143304	9 - 12	M5 350	0,024	1
143306	12 - 15	M5 350	0,029	1
143308	15 - 19	M5 500	0,200	1
143310	19 - 25	M5 500	0,052	1
143312	25 - 31	M5 450	0,400	1

Cable grips for subterranean cable laying



Art. No.	∅	→	kg	PU
143314	10 - 20	1 1250	0,378	1
143318	20 - 30	1 1250	0,380	1
143322	30 - 40	1 1250	0,424	1
143326	40 - 50	1 1250	0,430	1
143330	50 - 65	1 1250	0,388	1
143334	65 - 80	1 1250	1,120	1

Cable grips for subterranean cable laying



Art. No.	∅	→	kg	PU
143316	10 - 20	1250 2	0,465	1
143320	20 - 30	1250 2	0,460	1
143324	30 - 40	1250 2	0,510	1
143328	40 - 50	1250 2	0,200	1
143332	50 - 65	1250 2	0,520	1

Cord und cable grips



Art. No.	∅	→	kg	PU
143336	10 - 15	2000	0,250	1
143338	15 - 20	2000	0,250	1
143340	20 - 30	2000	0,250	1
143342	30 - 40	2000	0,250	1

Decoiler

Decoiler 600

Technical data
 Maximum drum weight: 50 kg
 Maximum drum diameter: 600 mm
 Maximum drum width: 330 mm
 Length: 350 mm
 Width: 350 mm
 Height: 105 mm



Art. No.	max. kg	∅	B	kg	PU
143398	50	600	330	3,500	1

Decoiler 1200

Technical data
 Capacity: 175 kg
 Max reel diameter: 1200 mm
 Max reel width: 560 mm
 Length: 610 mm
 Width: 570 mm
 Height: 115 mm



Art. Nr.	max. kg	∅	B	kg	VE
143400 *	175	1200	560	9,000	1

Decoiler 1200 +

Technical data
 Capacity: 300 kg
 Max reel diameter: 1200 mm
 Max reel width: 660 mm
 Length: 705 mm
 Width: 570 mm
 Height: 115 mm



Art. No.	max. kg	∅	B	kg	PU
143402	300	1200	660	10,500	1

Cable unwinder

4 box cable unwinder.
 Carton size 240 x 240 mm



Art. No.	max. kg	∅	B	kg	PU
143406	50	130	600	5,500	1

Cable unwinder

Length: 400 mm
 Width: 400 mm
 Height: 390 mm



Art. No.	max. kg	kg	PU
143404	50	8,000	1



Video 143404

CableGo

Cable pulling device „CableGo starter“

Content in plastic case:

- 1 x basic module „CableGo“ + 3 wire brackets
- 1 x table clamp „CableGo“
- 1 x mounting bracket „CableGo“



Art. No.	Cont.	kg	PU
143420	6-pieces		1

Cable pulling device „CableGo profi“

Content in plastic case:

- 3 x basic module „CableGo“ + 3 wire brackets
- 3 x table clamp „CableGo“
- 3 x mounting bracket „CableGo“



1 x connection set and several mounting parts „CableGo“



Art. No.	Cont.	kg	PU
143422	14-pieces	5,000	1

Cable pulling device „CableGo master“

Content in plastic case:

- 5 x basic module „CableGo“ + 3 wire brackets
- 5 x table clamp „CableGo“
- 5 x mounting bracket „CableGo“
- 1 x connection set and several mounting parts „CableGo“



Art. No.	Cont.	kg	PU
143424	17-pieces	7,000	1



SysCon CableGo

SysCon cable pulling device „CableGo starter“

Content in SysCon stacking box art. 220372:

- 1 x basic module „CableGo“ + 3 wire brackets
- 1 x table clamp „CableGo“
- 1 x connection set and several mounting parts „CableGo“



Art. No.	Cont.	kg	PU
143430	6-pieces	7,000	1

SysCon cable pulling device „CableGo profi“

Content in SysCon stacking box art. 220372:

- 3 x basic module „CableGo“ + 3 wire brackets
- 3 x table clamp „CableGo“
- 3 x mounting bracket „CableGo“
- 1 x connection set and several mounting parts „CableGo“



Art. No.	Cont.	kg	PU
143432	14-pieces	8,000	1

SysCon cable pulling device „CableGo master“

Content in SysCon stacking box art. 220372:

- 5 x basic module „CableGo“ + 3 wire brackets
- 5 x table clamp „CableGo“
- 5 x mounting bracket „CableGo“
- 1 x connection set basic module „CableGo“



Art. No.	Cont.	kg	PU
143434	17-pieces	9,000	1

CableGo, accessories

Basic module „CableGo“ + 3 wire brackets

Basic module for easy cable penetrations in corners and roundings.



Art. No.	Cont.	kg	PU
143440	4 pcs.	0,495	1

Table clamp „CableGo“

Table clamp for fixing basic modules.



Art. No.	Cont.	kg	PU
143441	1 pcs.	0,085	1

Mounting bracket „CableGo“

Mounting bracket for fixing basic modules.



Art. No.	Cont.	kg	PU
143442	7 pcs.	0,350	1

Connection set basic module „CableGo“

Connection set for connecting several basic modules.



Art. No.	Cont.	kg	PU
143443	2 pcs.	0,010	1

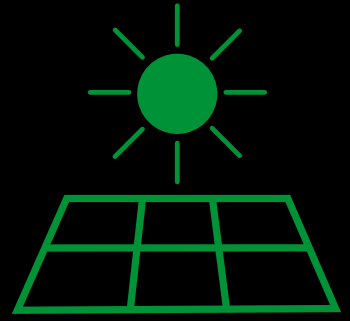
Set 3 wire brackets „CableGo“

Wire brackets for basic modules.



Art. No.	Cont.	kg	PU
143444	3 pcs.	0,045	1

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Connecting clamps

Connecting clamps, Nylon

Nylon

Connecting clamps, 2-5 pin, Nylon



Art. No.	CSS	Pol	Volt	A	PU
265033	1 - 2,5	2	450	24	100
265034	1 - 2,5	3	450	24	100
265035	1 - 2,5	4	450	24	100
265036	1 - 2,5	5	450	24	100

End sleeves

End sleeves

CU

- of electrolytic copper, bare;
- Dimensions to DIN 46228, Part 1



Art. No.	CSS	PU	PrU
270141	0,34	5	1000 1000
270140	0,5	6	1000 1000
270140/500		6	500 1000
270142	0,75	6	1000 1000
270142/500		6	500 1000
270143		10	1000 1000
270143/500		10	500 1000
270144		12	1000 1000
270146	1	6	1000 1000
270146/500		6	500 1000
270148		10	1000 1000
270148/500		10	500 1000
270149		12	1000 1000
270149/500		12	500 1000
270150	1,5	7	1000 1000
270150/500		7	500 1000
270152		10	1000 1000
270152/500		10	500 1000
270154		12	1000 1000
270154/500		12	500 1000
270156		18	1000 1000
270156/500		18	500 1000
270158	2,5	7	1000 1000
270158/500		7	500 1000
270159		10	1000 1000
270159/500		10	500 1000
270160		12	1000 1000
270160/500		12	500 1000
270164	4	9	1000 1000
270164/500		9	500 1000
270166		12	1000 1000
270166/500		12	500 1000
270168		18	1000 1000
270168/500		18	500 1000
270170	6	10	250 1000
270172		12	250 1000
270174		15	250 1000
270176		18	250 1000
270178	10	12	250 1000
270180		15	250 1000
270182		18	250 1000
270184	16	12	250 1000
270186		15	250 1000
270188		18	250 1000
270190	25	12	250 1000
270192		18	250 1000
270194	35	18	100 1000
270195		20	100 1000
270196		22	100 1000
270198		26	100 1000

End sleeves

CU

- of electrolytic copper, tin-plated
- Dimensions to DIN 46228, Part 1



Art. No.	CSS	PU	PrU
270066	0,25	5	1000 1000
270066/500		5	500 1000
270068	0,34	5	1000 1000
270068/500		5	500 1000
270070	0,5	6	1000 1000
270070/500		6	500 1000
270072	0,75	6	1000 1000
270072/500		6	500 1000
270074		12	1000 1000
270074/500		12	500 1000
270076	1	6	1000 1000
270077		8	1000 1000
270078		10	1000 1000
270078/500		10	500 1000
270079		12	1000 1000
270079/500		12	500 1000
270080	1,5	7	1000 1000
270082		10	1000 1000
270082/500		10	500 1000
270084		12	1000 1000
270084/500		12	500 1000
270086		18	1000 1000
270086/500		18	500 1000
270087		20	1000 1000
270088	2,5	7	1000 1000
270089		10	1000 1000
270089/500		10	500 1000
270090		12	1000 1000
270090/500		12	500 1000
270091		15	1000 1000
270091/500		15	500 1000
270092		18	1000 1000
270092/500		18	500 1000
270093		20	1000 1000
270093/500		20	500 1000
270094	4	9	1000 1000
270096		12	1000 1000
270097		15	1000 1000
270098		18	1000 1000
270100	6	10	250 1000
270102		12	250 1000
270104		15	250 1000
270106		18	250 1000
270107		20	250 1000
270108	10	12	250 1000
270110		15	250 1000
270112		18	250 1000
270114	16	12	250 1000
270116		15	250 1000
270118		18	250 1000
270119		24	250 1000
270120	25	12	250 1000
270121		15	250 1000
270122		18	250 1000
270123		25	100 1000
270124	35	18	100 1000
270126		22	100 1000
270128		25	100 1000
270130		30	100 1000
270131	50	22	100 1000
270132	70	25	100 1000
270134	95	30	50 1000
270135	120	32	50 1000
270136	150	38	50 1000
270137	185	40	25 1000

End sleeves DIN colour range

Cu

- insulated
- Electrolytic copper, tin-plated
- Dimensions to DIN 46228. Part 4
- DIN colour range III



Art. No.	CSS	↔	L	PU	PrU
270800 *	0,5	14	8	100	1000
270801		14	8	500	1000
270802	0,75	14	8	500	1000
270803 *		14	8	100	1000
272803		160	10	100	1000
270804	1	14,6	8	100	1000
270805		14,6	8	500	1000
272804		10	100	1000	
270806		18	12	500	1000
270807	1,5	14,6	8	500	1000
270808 *		14,6	8	100	1000
270809		14,6	10	500	1000
270810 *	2,5	15	8	100	1000
270811		15	8	500	1000
270812		16,5	10	500	1000
272812		17,4	10	100	1000
270813		25	18	500	1000
270814 *	4	17,7	10	100	1000
270815		17,7	10	500	1000
270816		25,7	18	100	1000
270818 *	6	20	12	100	1000
270820		26	18	100	1000
270822 *	10	21,5	12	100	1000
270824		27,5	18	100	1000
270826 *	16	22,2	12	100	1000
270828		28,2	18	100	1000
270830 *	25	30	16	50	1000
270832		32	18	50	1000
270834		36	22	50	1000
270836 *	35	30	16	50	1000
270838		32	18	50	1000
270840		39	25	50	1000
270842 *	50	36	20	50	1000
270844		40	25	50	1000
270762	70	37	21	25	1000
270859	95	44	25	10	1000
270861	120	47,6	27	10	1000
270863	150	57,6	32	10	1000

End sleeves colour range III, DIN "SmallPack"

- insulated
- Electrolytic copper, tin-plated
- Dimensions to DIN 46228. Part 4
- DIN colour range III



Art. No.	CSS	↔	L	PU	PrU
270800/25	0,5	14	8	25	1000
270803/25	0,75	14	8	25	1000
270804/25	1	14,6	8	25	1000
270808/25	1,5	14,6	8	25	1000
270810/25	2,5	15	8	25	1000
270814/25	4	17,7	10	25	1000
270818/10	6	20	12	10	1000
270822/10	10	21,5	12	10	1000
270826/10	16	22,2	12	10	1000
270830/5	25	30	16	5	1000
270836/5	35	30	16	5	1000

End sleeves in tape form, to DIN 46228 P. 4

Cu

Coils Ø 250 mm

- insulated
- DIN color range III
- Copper/plastic, tin-plated surface



Art. No.	CSS	L	PU	PrU
272250	0,5	8	3000	1000
272254	0,75	8	3000	1000
272260	1	8	3000	1000
272264	1,5	8	2500	1000
272268	2,5	8	1500	1000

End sleeves in tape form, to DIN 46228 P. 4

Dispenser 150 x 150 x 18 mm

- insulated
- Copper/plastic, tin-plated surface



Art. No.	CSS	L	PU	PrU
272280	0,5	8	1000	1000
272284	0,75	8	1000	1000
272290	1	8	1000	1000
272294	1,5	8	1000	1000
272298	2,5	8	500	1000

End sleeves for short-circuit-proof cables

Cu

- for short-circuit-proof cables with extra thick insulation (NSFGAFÖU)



Art. No.	CSS	L	PU	PrU
270900	1,5	8	100	1000
270902		10	100	1000
270904	2,5	8	100	1000
270906		12	100	1000
270908	4	10	100	1000
270910	6	12	100	1000
270912	10	12	100	1000
270914	16	12	100	1000

End sleeves, colour range I, (french)

Cu

- insulated
- Electrolytic copper, tin-plated
- Dimensions to DIN 46228. Part 4
- Colour range I, french



Art. No.	CSS	↔	L	PU	PrU
270014	0,25	10,4	6	100	1000
270015		10,4	6	500	1000
270016	0,34	12,4	6	500	1000
270800 *	0,5	14	8	100	1000
270801		14	8	500	1000
270021	0,75	14,5	8	100	1000
270022		14,5	8	500	1000
270804	1	14,6	8	100	1000
270805		14,6	8	500	1000
270808 *	1,5	14,6	8	100	1000
270027		24,4	18	100	1000
270028		24,4	18	500	1000
270029	2,5	15	8	100	1000
270030		15	8	500	1000
270031		21	18	100	1000
270032		21	18	500	1000
270033	4	17,7	10	100	1000
270034		17,7	10	500	1000
270036		25,7	18	100	1000
270038	6	20	12	100	1000
270040		26	18	100	1000
270042	10	21,5	12	100	1000
270044		27,5	18	100	1000
270046	16	24,2	12	100	1000
270048		28,2	18	100	1000
270049	25	30	16	50	1000
270050		32	18	50	1000

End sleeves, colour range II, (german)

Cu

- insulated
- Electrolytic copper, tin-plated
- Colour range II, german

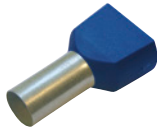


Art. No.	CSS	↔	L	PU	PrU
270714	0,25	10,4	6	100	1000
270715		10,4	6	500	1000
270716	0,34	10,4	6	500	1000
270719	0,5	14	8	100	1000
270720		14	8	500	1000
270721	0,75	14,6	8	100	1000
270722		14,6	8	500	1000
272721		16	10	100	1000
270723	1	14,6	8	100	1000
270724		14,6	8	500	1000
272723		16	10	100	1000
270725	1,5	14,6	8	100	1000
270726		14,6	8	500	1000
272725		16	10	100	1000
270727		24,4	18	100	1000
270728		24,4	18	500	1000
270810 *	2,5	15	8	100	1000
270811		15	8	500	1000
270812		16,5	10	500	1000
272812		17,4	10	100	1000
270813		25	18	500	1000
270814 *	4	17,7	10	100	1000
270815		17,7	10	500	1000
270816		25,7	18	100	1000
270738	6	20	12	100	1000
270740		26	18	100	1000
270742	10	21,5	12	100	1000
270744		27,5	18	100	1000
270746	16	22,2	12	100	1000
270748		28,2	18	100	1000
270750	25	29	16	50	1000
270754	35	30	16	50	1000
270756		39	25	50	1000
270758	50	36,4	20	25	1000
270760		41	25	25	1000
270762	70	37	21	25	1000

Twin-end sleeves two cables DIN

Cu

- tube section of electrolytic copper
- galvanically tin-plated
- plastic collar of PP
- heat-resistant to 105°C



Art. No.	CSS	L	PU	PrU
270778 *	0,5	15	8	100 1000
270780 *	0,75	15	8	100 1000
270782		17	10	100 1000
270784 *	1	15	8	100 1000
270787		17	10	100 1000
270788 *	1,5	16	8	100 1000
270790		20	12	100 1000
270792 *	2,5	18,5	10	100 1000
270794 *		21,5	13	100 1000
270796 *	4	23	12	100 1000
270797 *	6	25	14	100 1000
270798 *	10	26	14	100 1000
270799 *	16	31	16	50 1000

Twin-end sleeves two cables DIN "SmallPack"

- tube section of electrolytic copper
- galvanically tin-plated
- plastic collar of PP
- heat-resistant to 105°C

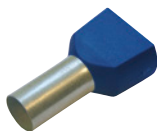


Art. No.	CSS	L	PU	PrU
270778/25	0,5	15	8	25 1000
270780/25	0,75	15	8	25 1000
270784/25	1	15	8	25 1000
270788/25	1,5	16	8	25 1000
270792/25	2,5	18,5	10	25 1000
270796/10	4	23	12	10 1000
270797/10	6	25	14	10 1000
270798/5	10	26	14	5 1000
270799/5	16	31	16	5 1000

Twin-end sleeves two cables, colour range I, (french)

- tube section of electrolytic copper
- galvanically tin-plated
- plastic collar of PP
- heat-resistant to 105°C

NEW

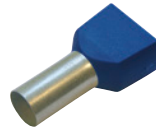


Art. No.	CSS	L	PU	PrU
273400	0,75	15	8	100 1000
273402		17	10	100 1000
270784 *	1	15	8	100 1000
270787		17	10	100 1000
270788 *	1,5	16	8	100 1000
270790		20	12	100 1000
273404	2,5	18,5	10	100 1000
273406		21,5	13	100 1000
273408	4	23	12	100 1000
273410	6	26	14	100 1000
273412	10	26	14	100 1000
273414	16	31	16	50 1000

Twin-end sleeves, colour range II, german

Cu

- insulated
- Electrolytic copper, tin-plated
- Dimensions to DIN 46228. Part 4
- heat-resistant to 105°C



Art. No.	CSS	L	PU	PrU
273350	0,5	15	8	100 1000
273352	0,75	15	8	100 1000
273354		17	10	100 1000
273356	1	15	8	100 1000
273358		17	12	100 1000
273360	1,5	16	8	100 1000
273362		20	12	100 1000
273392	2,5	18,5	10	100 1000
273394		21,5	13	100 1000
273396	4	23	12	100 1000
273364	6	25	14	100 1000
273366	10	26	14	100 1000
273368	16	31	16	50 1000

Empty dispenser box



Art. No.	set	kg	PU
270870	0	0,049	5

Dispenser box with uninsulated end sleeves

Contents: tin-plated end sleeves



Art. No.	set	kg	PU
270217	3450	0,240	1

Dispenser box with uninsulated end sleeves

Contents: tin-plated end sleeves



Art. No.	set	kg	PU
270218	395	0,158	1

Dispenser box with insulated end sleeves (DIN)

Contents: Colour range III, DIN, white, grey, red, black, blue



Art. No.	set	kg	PU
270854 *	400	0,090	1

Dispenser box with insulated end sleeves (DIN)

Contents: Colour range III, DIN grey, yellow, red, blue



Art. No.	set	kg	PU
270858	100	0,089	1

Dispenser box with Twin end sleeves (DIN)

Content: Colour range DIN, grey, red, black, blue



Art. No.	set	kg	PU
270795 *	200	0,080	1

Dispenser box with insulated end sleeves (german)

Contents: Colour range II, orange, white, yellow, red, blue



Art. No.	set	kg	PU
270852	400	0,089	1

Dispenser box with insulated end sleeves (german)

Contents: Colour range II, grey, black, ivory, green



Art. No.	set	kg	PU
270856	100	0,087	1

Dispenser box with insulated end sleeves (french)

Contents: Colour range I, white, blue, red, black, grey



Art. No.	set	kg	PU
270850	400	0,090	1

Slide Box with DIN end sleeves

Contents:

Colour range III, DIN
white, grey, red, black, blue



Art. No.	set	kg	PU
270864	400	0,109	1
270866	225	0,104	1

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Assortments of wire-end sleeves

Contents: 5.000 insulated wire-end sleeves
1 crimping pliers (21 08 04), crimping range 0,08 – 10 mm², in plastic bulk storage chest 415 x 335 x 90 mm



Art. No.	set	kg	PU
270888	5100	2,150	1
270890	5100	2,150	1

Assortments of wire-end sleeves

Contents: 5.300 insulated wire-end sleeves
1 crimping pliers (21 08 42), crimping range 1 – 10 mm², in plastic bulk storage chest 415 x 335 x 90 mm



Art. No.	set	kg	PU
270891	5300	2,100	1
270892	5300	2,100	1
270893	5300	2,100	1

End sleeve assortment – serie DIN

Contents: 1.150 insulated end sleeves
crimping pliers (art. no. 210824), crimp 0,75 - 16,0 mm², in plastic bulk storage chest 415 x 335 x 90 mm



Art. No.	set	kg	PU
270882/DIN	1150	1,740	1
270882	1150	1,700	1
270894	1150	2,150	1

End sleeve assortment – serie DIN

Contents: 4.700 insulated end sleeves, color range DIN, in plastic bulk storage chest 415 x 335 x 90 mm



Art. No.	set	kg	PU
270899	4700	2,150	1

Assortment for Combi-Crimp

Contents: 1 crimping pliers (210784) for insulated terminals 0,5 - 2,5 mm² and end sleeves 0,5 - 6 mm², 2.700 insulated end sleeves, 1.100 insulated terminals in plastic bulk storage chest 415 x 335 x 90 mm



Art. No.	set	kg	PU
270895 *	3800	4,300	1
270896	3800	4,300	1
270897	3800	4,300	1

Assortments of end sleeves - SysCon

SysCon end sleeves & 210804



Contents: 4100 insulated end sleeves

220370 ABS plastic box "SysCon S"
220375 Assortment insert "SysCon"
220399 Foam "SysCon" 400 x 300 x 10 mm
210804 Crimping pliers for end sleeves 0,08 – 10 mm²



Art. No.	set	kg	PU
220382	4100	4,300	1

SysCon end sleeves & 210842



Contents: 4950 insulated end sleeves

220370 ABS plastic box "SysCon S"
220399 Foam "SysCon" 400 x 300 x 10 mm
220375 Assortment insert "SysCon"
210842 Crimping pliers for end sleeves 1 – 10 mm²



Art. No.	set	kg	PU
220390	4950	4,300	1

Crimp terminals, PVC-insulated



Ring terminals DIN 46237

- of electrolytic copper, tin-plated
- PVC-insulated, with expanded insulating sleeve, suitable for harmonised cables
- Easy Entry



Art. No.	CSS	M	W	PU	PrU
260250	0,5 - 1,0	2,5	8	100	100
260252		3	5,5	100	100
260254		3,5	8	100	100
260256 *		4	8	100	100
260258 *		5	8	100	100
260260 *		6	10	100	100
260262		8	14	100	100
260264		10	14	100	100
260267	1,5 - 2,5	3	6,4	100	100
260268		3,5	8	100	100
260270 *		4	8	100	100
260272 *		5	10	100	100
260274 *		6	11	100	100
260276		8	15	100	100
260278		10	15	100	100
260282	4 - 6	3,5	8	100	100
260284		4	8	100	100
260286		5	10	100	100
260288 *		6	11	100	100
260290 *		8	15	100	100
260292		10	19	100	100

Fork terminals DIN 46237



- of electrolytic copper, tin-plated
- PVC-insulated, with expanded insulating sleeve, suitable for harmonised cables
- Easy Entry



Art. No.	CSS	M	W	PU	PrU
260300	0,5 - 1,0	3	5,6	100	100
260302		3,5	6,5	100	100
260304 *		4	6,4	100	100
260306		5	8	100	100
260308		6	9,2	100	100
260310	1,5 - 2,5	3	5,6	100	100
260312		3,5	6,6	100	100
260314 *		4	6,6	100	100
260316		5	9,1	100	100
260318		6	10	100	100
260320	4 - 6,0	4	8,1	100	100
260322 *		5	9	100	100
260324		6	11	100	100
260326		8	15,2	100	100
260328		10	19	100	100

Socket sleeves (male) DIN 46231

- of electrolytic copper, tin-plated
- PVC-insulated, with expanded insulating sleeve, suitable for harmonised cables
- Easy Entry



Art. No.	CSS	W	PU	PrU
260330	0,5 - 1,0	2,8	100	100
260331		3	100	100
260332	1,5 - 2,5	2,8	100	100
260333		2,8	100	100
260334	4 - 6	2,8	100	100
260335		4,5	100	100

Butt connectors

- of electrolytic copper, tin-plated
- PVC-insulated, with expanded insulating sleeve, suitable for harmonised cables
- Easy Entry



Art. No.	CSS	PU	PrU
260350 *	0,5 - 1,0	100	100
260352 *	1,5 - 2,5	100	100
260354 *	4 - 6,0	100	100

Parallel connectors

- of electrolytic copper, tin-plated
- PVC-insulated, with expanded insulating sleeve, suitable for harmonised cables
- Easy Entry



Art. No.	CSS	PU	PrU
260360	0,5 - 1,0	100	100
260362	1,5 - 2,5	100	100
260364	4 - 6,0	100	100

Round pins

- of electrolytic copper, tin-plated
- PVC-insulated, with expanded insulating sleeve, suitable for harmonised cables
- Easy Entry



Art. No.	CSS	W	PU	PrU
260370	0,5 - 1,0	1,8	100	100
260371		1,8	100	100
260372	1,5 - 2,5	1,8	100	100
260373		1,8	100	100
260374	4 - 6,0	2,6	100	100

Socket sleeves (female)

- Brass, tin-plated, PVC-insulated
- with vibration-free copper sleeve
- Easy Entry



Art. No.	CSS	W	plug	PU	PrU
260380	0,5 - 1,0	3,2	2,8x0,5	100	100
260382		3,2	2,8x0,8	100	100
260384		5	4,8x0,5	100	100
260386		5	4,8x0,8	100	100
260400		5,5	5,2x0,8	100	100
260392 *		6,6	6,3x0,8	100	100
260388	1,5 - 2,5	5	4,8x0,5	100	100
260390		5	4,8x0,8	100	100
260402		5,5	5,2x0,8	100	100
260394 *		6,6	6,3x0,8	100	100
260396 *	4 - 6,0	6,6	6,3x0,8	100	100
260404		10	9,8x1,1	100	100

Socket sleeves (female) with branch

- Brass, tin-plated, PVC-insulated
- with vibration-free copper sleeve
- Easy Entry



Art. No.	CSS	W	plug	PU	PrU
260410	0,5 - 1,0	7,8	6,3x0,8	100	100
260412	1,5 - 2,5	7,8	6,3x0,8	100	100
260411	4 - 6,0	7,8	6,3x0,8	100	100

Socket sleeves (female), fully-insulated

- Brass, tin-plated, PVC-insulated;
- with vibration-free copper sleeve
- Easy Entry



Art. No.	CSS	W	plug	PU	PrU
260414 *	0,5 - 1,0	6,6	6,3x0,8	100	100
260415		5	4,8x0,8	100	100
260416 *	1,5 - 2,5	6,6	6,3x0,8	100	100
260417		5	4,8x0,8	100	100
260418 *	4 - 6,0	6,6	6,3x0,8	100	100

Flat terminals

- Brass, tin-plated, PVC-insulated
- with vibration-free copper sleeve
- Easy Entry



Art. No.	CSS	W	plug	PU	PrU
260510	0,5 - 1,0	2,8	2,8x0,5	100	100
260512		2,8	2,8x0,8	100	100
260514		4,8	4,8x0,5	100	100
260516		4,8	4,8x0,8	100	100
260422 *		6,3	6,3x0,8	100	100
260518	1,5 - 2,5	4,8	4,8x0,5	100	100
260520		4,8	4,8x0,8	100	100
260424 *		6,3	6,3x0,8	100	100
260426 *	4 - 6,0	6,3	6,3x0,8	100	100

Round terminals

- of electrolytic copper, tin-plated
- PVC-insulated, with expanded insulating sleeve, suitable for harmonised cables
- Easy Entry



Art. No.	CSS	W	plug	PU	PrU
260446	0,5 - 1,0	4	4 mm	100	100
260448	1,5 - 2,5	5	5 mm	100	100
260449		4	4 mm	100	100
260450	4 - 6,0	5	5 mm	100	100

Round sleeves

- of electrolytic copper, tin-plated
- PVC-insulated, with expanded insulating sleeve, suitable for harmonised cables
- Easy Entry



Art. No.	CSS	W	plug	PU	PrU
260440	0,5 - 1,0	4	4 mm	100	100
260442	1,5 - 2,5	5	5 mm	100	100
260443		4	4 mm	100	100
260444	4 - 6,0	5	5 mm	100	100

Rapid connectors

- of electrolytic copper, tin-plated
- Polypropylene



Art. No.	CSS	PU	PrU
260336 *	0,5 - 1,0	100	100
260500		100	100
260337	1,5 - 2,5	100	100
260502		100	100
260338	4 - 6,0	100	100
260504		100	100

Small packages

Ring terminals DIN 46237 "SmallPack"

- of electrolytic copper, tin-plated
- Easy Entry
- PVC-insulated, with expanded insulating sleeve, suitable for harmonised cables



Art. No.	CSS	M	W	PU	PrU
260256/10	0,5 - 1,0	4	8	10	100
260258/10		5	8	10	100
260270/10	1,5 - 2,5	4	8	10	100
260272/10		5	10	10	100
260274/10		6	11	10	100
260288/10	4 - 6	6	11	10	100
260290/10		8	15	10	100

Fork terminals DIN 46237 "SmallPack"

- of electrolytic copper, tin-plated
- Easy Entry
- PVC-insulated, with expanded insulating sleeve, suitable for harmonised cables



Art. No.	CSS	M	W	PU	PrU
260304/10	0,5 - 1,0	4	6,4	10	100
260306/10		5	8	10	100
260314/10	1,5 - 2,5	4	6,6	10	100
260316/10		5	9,1	10	100
260324/10	4 - 6,0	6	11	10	100

Butt connectors "SmallPack"

- of electrolytic copper, tin-plated
- PVC-insulated, with expanded insulating sleeve, suitable for harmonised cables
- Easy Entry



Art. No.	CSS	PU	PrU
260350/10	0,5 - 1,0	10	100
260352/10	1,5 - 2,5	10	100
260354/10	4 - 6,0	10	100

Socket sleeves (female) "SmallPack"

- Brass, tin-plated, PVC-insulated
- with vibration-free copper sleeve
- Easy Entry



Art. No.	CSS	W	plug	PU	PrU
260386/10	0,5 - 1,0	5	4,8x0,8	10	100
260392/10		6,6	6,3x0,8	10	100
260390/10	1,5 - 2,5	5	4,8x0,8	10	100
260394/10		6,6	6,3x0,8	10	100
260396/10	4 - 6,0	6,6	6,3x0,8	10	100

Socket sleeves (female), fully-insulated

- Brass, tin-plated, PVC-insulated;
- with vibration-free copper sleeve
- Easy Entry



Art. No.	CSS	W	plug	PU	PrU
260414/10	0,5 - 1,0	6,6	6,3x0,8	10	100
260416/10	1,5 - 2,5	6,6	6,3x0,8	10	100

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Flat terminals "SmallPack"

- Brass, tin-plated, PVC-insulated
- with vibration-free copper sleeve
- Easy Entry



Art. No.	CSS	W	plug	PU	PrU
260516/10	0,5 - 1,0	4,8	4,8x0,8	10	100
260422/10		6,3	6,3x0,8	10	100
260520/10	1,5 - 2,5	4,8	4,8x0,8	10	100
260424/10		6,3	6,3x0,8	10	100
260426/10	4 - 6,0	6,3	6,3x0,8	10	100

Round terminals "SmallPack"

- of electrolytic copper, tin-plated
- Easy Entry
- PVC-insulated, with expanded insulating sleeve, suitable for harmonised cables



Art. No.	CSS	W	plug	PU	PrU
260448/10	1,5 - 2,5	5	5 mm	10	100

Round sleeves "SmallPack"

- of electrolytic copper, tin-plated
- Easy Entry
- PVC-insulated, with expanded insulating sleeve, suitable for harmonised cables



Art. No.	CSS	W	plug	PU	PrU
260442/10	1,5 - 2,5	5	5 mm	10	100

Crimp terminals, Nylon-insulated



Ring terminals DIN 46237

- of electrolytic copper, tin-plated
- PVC-insulated, with expanded insulating sleeve, suitable for harmonised cables
- Easy Entry



Art. No.	CSS	M	W	PU	PrU
260243	0,2 - 0,5	2	5	100	100
260245		3	5	100	100
260246		3,5	6	100	100
260247		4	6,5	100	100
260248		5	8	100	100
260650	0,5 - 1,0	2,5	8	100	100
260651		3	8	100	100
260654		3,5	8	100	100
260656		4	8	100	100
260658		5	8	100	100
260660		6	10	100	100
260662		8	14	100	100
260664		10	14	100	100
260666	1,5 - 2,5	3	8	100	100
260667		3,5	8	100	100
260670		4	8	100	100
260672		5	10	100	100
260674		6	11	100	100
260676		8	15	100	100
260678		10	15	100	100
260682	4 - 6,0	3,5	8	100	100
260684		4	8	100	100
260686		5	10	100	100
260688		6	11	100	100
260690		8	15	100	100
260692		10	19	100	100

Fork terminals DIN 46237

- of electrolytic copper, tin-plated
- Nylon-insulated, with expanded insulating sleeve, suitable for harmonised cables
- Easy Entry



Art. No.	CSS	M	W	PU	PrU
260700	0,5 - 1,0	3	5,6	100	100
260702		3,5	6,5	100	100
260704		4	6,4	100	100
260706		5	8	100	100
260708		6	9,2	100	100
260710	1,5 - 2,5	3	5,6	100	100
260712		3,5	6,6	100	100
260714		4	6,6	100	100
260716		5	9,1	100	100
260718		6	10	100	100
260721	4 - 6,0	4	8,1	100	100
260722		5	9	100	100
260724		6	11	100	100
260726		8	15,2	100	100
260728		10	19	100	100

Socket sleeves (male) DIN 46231

- of electrolytic copper, tin-plated
- Nylon-insulated, with expanded insulating sleeve, suitable for harmonised cables
- Easy Entry



Art. No.	CSS	W	PU	PrU
260730	0,5 - 1,0	2,8	100	100
260731		3	100	100
260732	1,5 - 2,5	2,8	100	100
260733		2,8	100	100
260734	4 - 6,0	2,8	100	100
260735		4,5	100	100

Butt connectors

- of electrolytic copper, tin-plated
- Nylon-insulated, with expanded insulating sleeve, suitable for harmonised cables
- Easy Entry



Art. No.	CSS	PU	PrU
260750	0,5 - 1,0	100	100
260752	1,5 - 2,5	100	100
260754	4 - 6,0	100	100

Parallel connectors

- of electrolytic copper, tin-plated
- Nylon-insulated, suitable for harmonised cables
- Easy Entry



Art. No.	CSS	PU	PrU
263360	0,5 - 1,0	100	100
263362	1,5 - 2,5	100	100
263364	4 - 6,0	100	100

Round pins

- of electrolytic copper, tin-plated
- Nylon-insulated, with expanded insulating sleeve, suitable for harmonised cables
- Easy Entry



Art. No.	CSS	W	PU	PrU
260770	0,5 - 1,0	1,9	100	100
260771		1,9	100	100
260772	1,5 - 2,5	1,9	100	100
260773		1,9	100	100
260774	4 - 6,0	2,7	100	100
260376	10	4	100	100

Socket sleeves (female)

- Brass, tin-plated, Nylon-insulated
- with vibration-free copper sleeve
- Easy Entry



Art. No.	CSS	W	plug	PU	PrU
263380	0,5 - 1,0	3,2	2,8x0,5	100	100
263382		3,2	2,8x0,8	100	100
263384		5	4,8x0,5	100	100
263386		5	4,8x0,8	100	100
263400		5,5	5,2x0,8	100	100
263392		6,6	6,3x0,8	100	100
263388	1,5 - 2,5	5	4,8x0,5	100	100
263393		5	4,8x0,8	100	100
263402		5,5	5,2x0,8	100	100
263394		6,6	6,3x0,8	100	100
263396	4 - 6,0	6,6	6,3x0,8	100	100
263404		10	9,8x1,1	100	100

Socket sleeves (female) with branch

- Brass, tin-plated, Nylon-insulated
- with vibration-free copper sleeve
- Easy Entry



Art. No.	CSS	W	plug	PU	PrU
263410	0,5 - 1,0	7,8	6,3x0,8	100	100
263412	1,5 - 2,5	7,8	6,3x0,8	100	100
263413	4 - 6,0	7,8	6,3x0,8	100	100

Socket sleeves (female), fully-insulated

- Brass, tin-plated, Nylon-insulated
- with vibration-free copper sleeve
- Easy Entry



Art. No.	CSS	W	plug	PU	PrU
263451	0,5 - 1,0	3,2	2,8x0,5	100	100
263452		3,2	2,8x0,8	100	100
263453		5	4,8x0,5	100	100
263414		6,6	6,3x0,8	100	100
263415		5	4,8x0,8	100	100
263456	1,5 - 2,5	5	4,8x0,5	100	100
263416		6,6	6,3x0,8	100	100
263417		5	4,8x0,8	100	100
263418	4 - 6,0	6,6	6,3x0,8	100	100

Flat terminals

- Brass, tin-plated, Nylon-insulated
- with vibration-free copper sleeve
- Easy Entry



Art. No.	CSS	W	plug	PU	PrU
263510	0,5 - 1,0	2,8	2,8x0,5	100	100
263512		2,8	2,8x0,8	100	100
263514		4,8	4,8x0,5	100	100
263516		4,8	4,8x0,8	100	100
263422		6,3	6,3x0,8	100	100
263518	1,5 - 2,5	4,8	4,8x0,5	100	100
263520		4,8	4,8x0,8	100	100
263424		6,3	6,3x0,8	100	100
263426	4 - 6,0	6,3	6,3x0,8	100	100

Round sleeves

- of electrolytic copper, tin-plated
- Nylon-insulated, with expanded insulating sleeve, suitable for harmonised cables
- Easy Entry



Art. No.	CSS	W	plug	PU	PrU
263440	0,5 - 1,0	4	4 mm	100	100
263442	1,5 - 2,5	5	5 mm	100	100
263443		4	4 mm	100	100

Round terminals

- of electrolytic copper, tin-plated
- Nylon-insulated, with expanded insulating sleeve, suitable for harmonised cables
- Easy Entry



Art. No.	CSS	W	plug	PU	PrU
263446	0,5 - 1,0	4	4 mm	100	100
263448	1,5 - 2,5	5	5 mm	100	100
263449	4	4 mm	100	100	100
263450	4 - 6,0	5	5 mm	100	100

End connectors

- of electrolytic copper, tin-plated
- Nylon-insulated



Art. No.	CSS	W	PU	PrU
260427 *	0,5 - 1,0	5	100	100
260428	1,5 - 2,5	5,9	100	100
260430	4 - 6,0	7,3	100	100
260431	10	9,3	100	100

Crimp terminals, PC-insulated



Ring terminals DIN 46237

- of electrolytic copper, tin-plated, soldered
- PC-insulated, with expanded insulating sleeve
- suitable for harmonised cables
- Easy Entry



Art. No.	CSS	M	W	PU	PrU
340256	0,5 - 1,0	4	8	100	100
340258		5	10	100	100
340270	1,5 - 2,5	4	8	100	100
340272		5	10	100	100
340274		6	11	100	100
340288	4,0 - 6,0	6	11	100	100
340290		8	14	100	100

Fork terminals DIN 46237

- of electrolytic copper, tin-plated, soldered
- PC-insulated, with expanded insulating sleeve
- suitable for harmonised cables
- Easy Entry



Art. No.	CSS	M	W	PU	PrU
340304	0,5 - 1,0	4	6,6	100	100
340314	1,5 - 2,5	4	6,6	100	100
340322	4,0 - 6,0	6	10,7	100	100

Butt connectors

- of electrolytic copper, tin-plated
- PC-insulated, with expanded insulating sleeve
- suitable for harmonised cables
- Easy Entry



Art. No.	CSS	W	PU	PrU
340350	0,5 - 1,0	25	100	100
340352	1,5 - 2,5	25	100	100
340354	4,0 - 6,0	27	100	100

Crimp terminals, PC-insulated



Socket sleeves (female)

- Brass, tin-plated
- PC-insulated
- with vibration-free copper sleeve
- Easy Entry



Art. No.	CSS	W	plug	PU	PrU
340392	0,5 - 1,0	6,6	6,3x0,8	100	100
340394	1,5 - 2,5	6,6	6,3x0,8	100	100
340396	4,0 - 6,0	6,6	6,3x0,8	100	100

Socket sleeves (female), fully-insulated

- Brass, tin-plated
- PC-insulated
- with vibration-free copper sleeve
- Easy Entry



Art. No.	CSS	W	plug	PU	PrU
340414	0,5 - 1,0	6,6	6,3x0,8	100	100
340416	1,5 - 2,5	6,6	6,3x0,8	100	100

Flat terminals

- Brass, tin-plated
- PC-insulated
- with vibration-free copper sleeve
- Easy Entry



Art. No.	CSS	plug	PU	PrU
340422	0,5 - 1,0	6,3x0,8	22	100
340424	1,5 - 2,5	6,3x0,8	22	100
340426	4,0 - 6,0	6,3x0,8	24	100

Crimp terminals, PVC-insulated



Ring terminals "ECO-Line"

- of electrolytic copper, tin-plated, not soldered
- PVC-insulated, with expanded insulating sleeve
- suitable for harmonised cables



Art. No.	CSS	M	W	PU	PrU
370256	0,5 - 1,0	4	6,6	100	100
370258		5	8	100	100
370270	1,5 - 2,5	4	6,6	100	100
370272		5	8,5	100	100
370274		6	12	100	100
370288	4,0 - 6,0	6	12	100	100
370290		8	15	100	100

Fork terminals "ECO-Line"

- of electrolytic copper, tin-plated, not soldered
- PVC-insulated, with expanded insulating sleeve
- suitable for harmonised cables



Art. No.	CSS	M	W	PU	PrU
370304	0,5 - 1,0	4	6,4	100	100
370314	1,5 - 2,5	4	6,4	100	100
370322	4,0 - 6,0	6	9	100	100

Butt connectors "ECO-Line"

- of electrolytic copper, tin-plated
- PVC-insulated, with expanded insulating sleeve
- suitable for harmonised cables



Art. No.	CSS	W	PU	PrU
370350	0,5 - 1,0	24,6	100	100
370352	1,5 - 2,5	24,6	100	100
370354	4,0 - 6,0	26,5	100	100

Socket sleeves (female) "ECO-Line"

- Brass, tin-plated
- PVC-insulated
- with vibration-free copper sleeve



Art. No.	CSS	W	plug	PU	PrU
370392	0,5 - 1,0	6,6	6,3x0,8	100	100
370394	1,5 - 2,5	6,6	6,3x0,8	100	100
370396	4,0 - 6,0	6,6	6,3x0,8	100	100

Socket sleeves (female), fully-insulated "ECO-Line"

- Brass, tin-plated
- PVC-insulated
- with vibration-free copper sleeve



Art. No.	CSS	W	plug	PU	PrU
370414	0,5 - 1,0	6,6	6,3x0,8	100	100
370416	1,5 - 2,5	6,6	6,3x0,8	100	100

Flat terminals "ECO-Line"

- Brass, tin-plated
- PVC-insulated
- with vibration-free copper sleeve



Art. No.	CSS	plug	PU	PrU
370422	0,5 - 1,0	6,3x0,8	21	100
370424	1,5 - 2,5	6,3x0,8	21	100
370426	4,0 - 6,0	6,3x0,8	24	100

Shrinkable connectors, Polyolefin-insulated

Butt connectors

- Copper, tin-plated
- RoHS-conform
- Insulating cover: Polyolefin with inside adhesiver



Art. No.	CSS	W	PU	PrU
363500 *	0,5 - 1,0	36	100	100
363502 *	1,5 - 2,5	36	100	100
363504 *	4 - 6,0	41	100	100

Socket sleeves (female)

- Brass, tin-plated
- RoHS-conform
- Insulating cover: Polyolefin with inside adhesiver



Art. No.	CSS	plug	PU	PrU
363510	0,5 - 1,0	6,3x0,8	30	100
363512	1,5 - 2,5	6,3x0,8	30	100
363514	4 - 6,0	6,3x0,8	30	100

Flat terminals

- Brass, tin-plated
- RoHS-conform
- Insulating cover: Polyolefin with inside adhesiver



Art. No.	CSS	plug	PU	PrU
363520	0,5 - 1,0	6,3x0,8	30	100
363522	1,5 - 2,5	6,3x0,8	30	100
363524	4 - 6,0	6,3x0,8	30	100

Ring terminals

- Copper, tin-plated
- RoHS-conform
- Insulating cover: Polyolefin with inside adhesiver



Art. No.	CSS	M	PU	PrU
363530	0,5 - 1,0	4 28,5	100	100
363532		5 28,5	100	100
363534		6 34,5	100	100
363536		8 34,5	100	100
363538	1,5 - 2,5	10 37,5	100	100
363540		4 30,5	100	100
363542		5 30,5	100	100
363544		6 35,5	100	100
363546	4 - 6,0	8 35,5	100	100
363548		10 37,5	100	100
363550		4 34,2	100	100
363552		5 34	100	100
363554	4 - 6,0	6 37,5	100	100
363556		8 42	100	100
363558		10 42	100	100

Butt connectors "SmallPack"

- Copper, tin-plated
- RoHS-conform
- Insulating cover: Polyolefin with inside adhesiver



Art. No.	CSS	PU	PrU
363500/10	0,5 - 1,0	10	100
363502/10	1,5 - 2,5	10	100
363504/5	4 - 6,0	5	100

Welded shrink connector

Welded shrink connectors

- Copper, tin-plated
- RoHS conform
- Insulating cover: Polyolefin with inside adhesive



Art. No.	CSS	PU	PrU
363600	0,5 - 1,0	100	100
363602	1,5 - 2,5	100	100
363604	4 - 6,0	100	100

Welded shrink connector, transparent

- Copper, tin-plated
- Insulating cover: Polyolefin with inside adhesive
- RoHS conform
- transparent



Art. No.	CSS	PU	PrU
363606	0,5 - 1	100	100
363607	1,5 - 2,5	100	100
363608	4 - 6	100	100

Assortment of insulated terminals

Contents: 1.250 crimping terminals, crimping pliers (art. no. 210761), crimp 0,5 - 6,0 mm², in plastic bulk storage chest 415 x 335 x 90 mm



Art. No.	set	kg	PU
260762	1250	3,139	1

Assortment of insulated terminals

Containing: 1250 insulated terminals
1 crimping pliers (Art. 21 08 02), press range 1.5 - 6 mm², in plastic bulk storage chest 415 x 335 x 90 mm



Art. No.	set	kg	PU
260764	1250	3,2776	1
262048	1250	3,400	1

Assortment of insulated terminals

Contents: 1.200 Crimping terminals
1 crimping pliers (Art. 21 07 61), press range 0.5 - 6 mm², in plastic bulk storage chest 415 x 335 x 90 mm



Art. No.	set	kg	PU
260765 *	1200	3,367	1

Assortment of insulated terminals

Contents: 1.200 crimping terminals, crimping pliers (art. no. 210802), crimp 0,5 - 6,0 mm², in plastic bulk storage chest 415 x 335 x 90 mm



Art. No.	set	kg	PU
260777 *	1200	2,980	1

SysCon insulated terminals & 210761

Contents: 1500 insulated terminals
220370 ABS plastic box „SysCon S“
220375 Assortment insert „SysCon“
220399 Foam „SysCon“ 400 x 300 x 10 mm
210761 Crimping pliers for insulated terminals 0,5 - 6 mm²



Art. No.	set	kg	PU
220381	1500	4,300	1

SysCon insulated terminals / end sleeves & 210784

Contents: insulated terminals and end sleeves
220370 ABS plastic box „SysCon S“
220375 Assortment insert „SysCon“
220399 Foam „SysCon“ 400 x 300 x 10 mm
210784 Crimping pliers for insulated terminals and end sleeves



Art. No.	set	kg	PU
220391	3700	4,300	1

Socket sleeves (male and female)

Socket sleeves (female)

- bare brass
- not insulated



Art. No.	CSS	W	plug	PU	PrU
280000	0,5 - 1	7,6	6,3x0,8	200	100
280004	1 - 2,5	7,6	6,3x0,8	200	100
280008	0,5 - 1,25	5,6	4,8x0,8	200	100
280012		5,6	4,8x0,5	200	100
280016		3,75	2,8x0,8	200	100
280020		3,75	2,8x0,5	200	100

Socket sleeves (female)

- tin-plated brass
- not insulated



Art. No.	CSS	W	plug	PU	PrU
280030	0,5 - 1,0	7,6	6,3x0,8	200	100
280034	1 - 2,5	7,6	6,3x0,8	200	100
280038	0,5 - 1,25	5,6	4,8x0,8	200	100
280042		5,6	4,8x0,5	200	100
280046		3,75	2,8x0,8	200	100
280050		3,75	2,8x0,5	200	100

Socket sleeves (female)

- bare brass
- not insulated
- with side cable connection



Art. No.	CSS	W	plug	PU	PrU
280060	0,5 - 1,0	7,6	6,3x0,8	200	100
280064	1 - 2,5	7,6	6,3x0,8	200	100

Socket sleeves (female)

- tin-plated brass
- not insulated
- with side cable connection



Art. No.	CSS	W	plug	PU	PrU
280070	0,5 - 1,0	7,6	6,3x0,8	200	100
280074	1 - 2,5	7,6	6,3x0,8	200	100

Socket sleeves (female) with branch

- bare brass
- not insulated, with branch



Art. No.	CSS	W	plug	PU	PrU
280080	0,5 - 1,0	7,6	6,3x0,8	200	100
280084	1 - 2,5	7,6	6,3x0,8	200	100

Socket sleeves (female) with branch

- tin-plated brass
- not insulated, with branch



Art. No.	CSS	W	plug	PU	PrU
280090	0,5 - 1,0	7,6	6,3x0,8	200	100
280094	1 - 2,5	7,6	6,3x0,8	200	100

Flat terminals

- bare brass
- not insulated



Art. No.	CSS	W	plug	PU	PrU
280100	0,5 - 1,0	6,3	6,3x0,8	200	100
280104	1 - 2,5	6,3	6,3x0,8	200	100

Flat terminals

- tin-plated brass
- not insulated



Art. No.	CSS	W	plug	PU	PrU
280110	0,5 - 1,0	6,3	6,3x0,8	200	100
280114	1 - 2,5	6,3	6,3x0,8	200	100

Socket sleeves (male) with latching tongue

- bare brass
- not insulated



Art. No.	CSS	W	plug	PU	PrU
280101	0,5 - 1,0	6,3	6,3x0,8	200	100
280105	1 - 2,5	6,3	6,3x0,8	200	100

Socket sleeves (male) with latching tongue

- tin-plated brass
- not insulated



Art. No.	CSS	W	plug	PU	PrU
280111	0,5 - 1,0	6,3	6,3x0,8	200	100
280115	1 - 2,5	6,3	6,3x0,8	200	100

Ring terminals

- bare brass
- not insulated



Art. No.	CSS	M	W	PU	PrU
280120	0,5 - 1,0	3	8	200	100
280124		4	8	200	100
280128		5	9,5	200	100
280132	1 - 2,5	3	8	200	100
280136		4	8	200	100
280140		5	9,5	200	100

Ring terminals

- tin-plated brass
- not insulated



Art. No.	CSS	M	W	PU	PrU
280150	0,5 - 1,0	3	8	200	100
280154		4	8	200	100
280158		5	9,5	200	100
280162	1 - 2,5	3	8	200	100
280166		4	8	200	100
280170		5	9,5	200	100

Socket sleeves (female), insulating sleeves, connectors

Flat terminals

- bare brass
- not insulated



Art. No.	plug	Fo.	PU	PrU
280180	6,3x0,8	1	200	100
280182	6,3x0,8	5	200	100
280184	6,3x0,8	2	200	100
280186	6,3x0,8	4	200	100
280188	6,3x0,8	3	200	100

Flat terminals

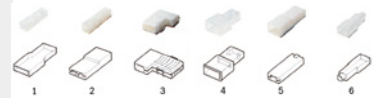
- tin-plated brass
- not insulated



Art. No.	plug	Fo.	PU	PrU
280190	6,3x0,8	1	200	100
280192	6,3x0,8	5	200	100
280194	6,3x0,8	2	200	100
280196	6,3x0,8	4	200	100
280198	6,3x0,8	3	200	100

Insulating sleeves

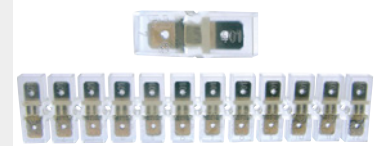
- of PVC and nylon



Art. No.	plug	Fo.	PU	PrU
280200	6,3x0,8	1	100	100
280202	6,3x0,8	2	100	100
280204	4,8x0,8	6	100	100
280206	4,8x0,8	2	100	100
280208	2,8x0,8	6	100	100
280210	2,8x0,8	5	100	100
280212	6,3x0,8	4	100	100
280214	6,3x0,8	3	100	100

Elastic connectors with socket sleeves (male)

- 1 - 12 pole, PVC, natural colour



Art. No.	plug	Fo.	PU	PrU
280460	2,8x0,8	1	100	100
280482	2,8x0,8	12	10	100
280490	4,8x0,8	1	100	100
280512	4,8x0,8	12	10	100
280520	6,3x0,8	1	100	100
280542	6,3x0,8	12	10	100
280550	2,8x0,8	1	100	100
280572	2,8x0,8	12	50	100

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Elastic cable distributors

- PVC, natural colour



Art. No.	plug	Fo.	PU	PrU
280580	6,3x0,8	1	50	100
280582	6,3x0,8	2	50	100

Small packages

Socket sleeves (female) "SmallPack"

- bare brass
- not insulated



Art. No.	CSS	W	plug	PU	PrU
280000/20	0,5 - 1	7,6	6,3x0,8	20	100
280004/20	1 - 2,5	7,6	6,3x0,8	20	100
280008/20	0,5 - 1,25	5,6	4,8x0,8	20	100

Socket sleeves (female) "SmallPack" with branch

- bare brass, not insulated



Art. No.	CSS	W	plug	PU	PrU
280084/20	1 - 2,5	7,6	6,3x0,8	20	100

Flat terminals "SmallPack"

- bare brass
- not insulated



Art. No.	CSS	W	plug	PU	PrU
280100/20	0,5 - 1,0	6,3	6,3x0,8	20	100
280104/20	1 - 2,5	6,3	6,3x0,8	20	100

Solderless terminals

Crimp ring terminals without insulation DIN 46234

- Material: 99,9% electrolytic copper
- Surface: tin-plated
- Ring type



Art. No.	CSS	M	W	PU	PrU
290619	0,5 - 1,0	2,5	8	100	100
290620 *		3	8	100	100
290621		3,5	8	100	100
290622		4	8	100	100
290624		5	8	100	100
290623 *		6	10	100	100
290625		8	14	100	100
290617		10	14	100	100
290626	1,5 - 2,5	3	8	100	100
290627		3,5	8	100	100
290628		4	8	100	100
290630 *		5	10	100	100
290632 *		6	11	100	100
290634		8	15	100	100
290635		10	15	100	100
290636	4 - 6,0	4	8	100	100
290637		3,5	8	100	100
290646 *		5	10	100	100
290648 *		6	11	100	100
290650		8	14	100	100
290652		10	18	100	100
290654		12	18	100	100
290656	10	5	10	100	100
290658 *		6	11	100	100
290660		8	14	100	100
290662		10	18	100	100
290663		12	22	100	100
290664	16	5	10	100	100
290666		6	11	100	100
290668 *		8	14	100	100
290670		10	18	100	100
290672		12	22	100	100
290676	25	6	12	50	100
290678 *		8	16	50	100
290680		10	18	50	100
290682		12	22	50	100
290684		16	28	50	100
290686 *	35	8	16	50	100
290688		10	18	50	100
290690		12	22	50	100
290692		16	28	50	100
290694	50	8	18	40	100
290696 *		10	18	40	100
290698		12	22	40	100
290700		16	28	25	100
290701	70	8	22	25	100
290702 *		10	22	25	100
290704		12	22	20	100
290707	95	8	24	20	100
290708 *		10	24	20	100
290710 *		12	24	20	100
290712		16	28	20	100
290713 *	120	10	24	25	100
290714 *		12	24	25	100
290716		16	28	25	100
290717		20	32	25	100
290719	150	10	30	25	100
290721 *		12	30	25	100
290718		16	30	25	100
290720 *	185	16	36	10	100

Insulated crimp cable lugs

- Nylon-insulated
- Ring type



Art. No.	CSS	M	PU	PrU
260902	10	5	100	100
260904 *		6	100	100
260906		8	100	100
260908		10	100	100
260910		12	100	100
260912	16	5	100	100
260914		6	100	100
260916 *		8	100	100
260918		10	100	100
260920		12	100	100
260922	25	5	100	100
260924		6	100	100
260926 *		8	100	100
260928		10	100	100
260930		12	100	100
260932		16	100	100
260934	35	6	100	100
260936 *		8	100	100
260938		10	100	100
260940		12	100	100
260942		16	100	100
260944	50	6	50	100
260946 *		8	50	100
260948		10	50	100
260950		12	50	100
260952		16	50	100
260954	70	6	50	100
260956		8	50	100
260960		12	50	100
260962		16	50	100
260964 *	95	8	50	100
260966		10	50	100
260968		12	50	100
260970		16	50	100
260972	120	8	25	100
260974 *		10	25	100
260976		12	25	100
260978		16	25	100
260980	150	10	25	100
260982		12	25	100
260984		16	25	100

Solderless terminals for meter connection

- Nylon-insulated
- Fork type



Art. No.	CSS	M	PU	PrU
260858	10	5	50	100
260860 *		6	50	100
260862	16	6	50	100
260863 *		8	50	100

Fork terminals without insulation

- Material: 99,9% electrolytic copper
- Surface: tin-plated
- Fork type



Cu

Art. No.	CSS	M	W	PU	PrU
290730 *	0,5 - 1,0	3	5,6	100	100
290731		3,5	6,5	100	100
290732		4	6,4	100	100
290734		5	8	100	100
290735		6	9,2	100	100
290736	1,5 - 2,5	3	5,6	100	100
290739		3,5	6,6	100	100
290738 *		4	6,6	100	100
290740		5	9,1	100	100
290742		6	10	100	100
290744	4 - 6,0	4	8	100	100
290746		5	9	100	100
290748 *		6	11	100	100
290750		8	15,2	100	100
290751		10	19	100	100
290752	10	5	9	100	100
290754 *		6	10,3	100	100
290756 *	16	6	11	100	100

Pin terminals without insulation DIN 46230

- Material: 99,9% electrolytic copper
- Surface: tin-plated
- Pin type



Art. No.	CSS	W	M	PU	PrU
290770 *	0,5 - 1,0	1,8	12	100	100
290771		1,8	9	100	100
290773 *	1,5 - 2,5	1,8	12	100	100
290775		1,8	9	100	100
290777	4 - 6,0	2,6	12,5	100	100
290776	10	4	14	100	100
290778 *	16	4,5	14	100	100
290780 *	25	7	15	100	100
290782	35	8	20	100	100
290784	50	9,5	20	100	100
290786	70	11,5	25	50	100
290788	95	13,5	25	50	100

Parallel connectors DIN 46341 part 1, type A

- Material: 99,9% electrolytic copper
- Surface: tin-plated



Cu

Art. No.	CSS	↔	PU	PrU
291090 *	0,5 - 1,0	7	100	100
291092	1,5 - 2,5	7	100	100
291096	4 - 6	7	100	100
291098 *	10	9	100	100
291100	16	10	100	100
291102	25	13	100	100
291104	35	16	50	100
291106	50	19	50	100
291108	70	19	50	100
291110	95	20	25	100
291112	120	22	25	100
291114	150	26	20	100

Solderless butt connectors DIN 46341 part 1, type B

- Material: 99,9% electrolytic copper
- Surface: tin-plated



Cu

Art. No.	CSS	↔	PU	PrU
291119 *	0,5 - 1,0	15	100	100
291120 *	1,5 - 2,5	15	100	100
291124 *	4 - 6	15	100	100
291126 *	10	21	100	100
291128 *	16	26	100	100
291130	25	29	50	100
291132	35	32	25	100
291134	50	48	25	100
291136	70	48	25	100
291138	95	48	25	100
291140	120	48	25	100
291142	150	48	20	100

Tubular terminals and connectors, standard series

Tubular terminals, Light "T" series

light

- Material: 99,9% electrolytic copper E-CU DIN 40500
- Surface: tin-plated
- with sight hole



Cu

Art. No.	CSS	M	PU	PrU
294000	1,5	4	100	100
294002 *		5	100	100
294004		6	100	100
294006	2,5	4	100	100
294008 *		5	100	100
294010		6	100	100
294012		8	100	100
294014	4	4	100	100
294016 *		5	100	100
294018		6	100	100
294020		8	100	100
294022	6	4	100	100
294024 *		5	100	100
294026 *		6	100	100
294028		8	100	100

Art. No.	CSS	M	PU	PrU
294034	10	5	100	100
294036 *		6	100	100
294038 *		8	100	100
294040		10	100	100
294044	16	5	100	100
294046		6	100	100
294048 *		8	100	100
294050		10	100	100
294052		12	100	100
294054	25	6	50	100
294056 *		8	50	100
294058		10	50	100
294060 *		12	50	100
294062	35	6	50	100
294064 *		8	50	100
294066		10	50	100
294068		12	50	100
294070		14	50	100
294080	50	6	40	100
294082		8	40	100
294084 *		10	40	100
294086		12	40	100
294088		14	30	100
294094	70	8	25	100
294096 *		10	25	100
294098		12	25	100
294100		14	20	100
294102		16	20	100
294106	95	8	20	100
294108		10	20	100
294110 *		12	20	100
294112		14	15	100
294114		16	15	100
294118	120	10	10	100
294120 *		12	10	100
294122		14	10	100
294124		16	10	100
294128	150	10	10	100
294130 *		12	10	100
294132		14	10	100
294134		16	10	100
294138	185	10	10	100
294140		12	20	100
294142		14	20	100
294144		16	20	100
294150	240	12	10	100
294152		14	10	100
294154 *		16	10	100
294160	300	12	8	100
294162		14	8	100
294164		16	8	100
294174	400	16	5	100
294176		20	5	100
294184	500	16	3	100
294196	630	20	3	100

Butt connectors, Light "M" series

light

- Material: 99,9% electrolytic copper
- E-CU DIN 40500
- Surface: tin-plated



Cu

Art. No.	CSS	↔	PU	PrU
294200	1,5	22	200	100
294202	2,5	22	200	100
294204	4	25	100	100
294206	6	25	100	100
294208	10	25	100	100
294210	16	29	100	100
294212	25	29	50	100
294214	35	35	50	100
294218	50	35	40	100
294220	70	45	20	100
294222	95	47	20	100
294224	120	52	20	100
294226	150	59	20	100
294228	185	65	20	100
294230	240	75	10	100
294232	300	90	5	100
294234	400	106	5	100

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Tubular cable lugs, standard series **HUPtype**

available with and without sight hole e.g. 29 09 00/S
 • Material: 99.9% electrolytic copper E-CU DIN 40500
 • Surface: tin-plated
 • tubular



Art. No.	CSS	M	PU	PrU
290900 *	0,75	3	100	100
290902		4	100	100
290904	1,5	3	100	100
290906 *		4	100	100
290908 *		5	100	100
290910		6	100	100
290912	2,5	3	100	100
290914		4	100	100
290916 *		5	100	100
290918		6	100	100
290920		8	100	100
290922	4	4	100	100
290924 *		5	100	100
290926 *		6	100	100
290928		8	100	100
290930	6	4	100	100
290932 *		5	100	100
290934 *		6	100	100
290936		8	100	100
290938	10	5	100	100
290940 *		6	100	100
290942 *		8	100	100
290944		10	100	100
290946		12	100	100
290948	16	5	100	100
290950		6	100	100
290952 *		8	100	100
290954		10	100	100
290956		12	100	100
290958	25	6	50	100
290960 *		8	50	100
290962		10	50	100
290964		12	50	100
290966	35	6	40	100
290968 *		8	40	100
290970		10	40	100
290972		12	40	100
290974		16	40	100
290976	50	6	40	100
290978 *		8	40	100
290980 *		10	25	100
290982		12	25	100
290984		16	25	100
290985	70	6	25	100
290986		8	25	100
290988 *		10	25	100
290990		12	25	100
290991		14	25	100
290992		16	25	100
290994	95	8	25	100
290996		10	25	100
290998 *		12	25	100
290999		14	15	100
291000		16	15	100
291002		20	15	100
290004	120	8	15	100
290006 *		10	15	100
290008 *		12	15	100
290009		14	18	100
290010		16	15	100
290012		20	15	100
290014	150	10	15	100
290016 *		12	15	100
290017		14	15	100
290018		16	15	100
290020		20	12	100
290022 *	185	12	20	100
290023		14	20	100
290024 *		16	20	100
290026		20	20	100

Art. No.	CSS	M	PU	PrU
290028 *	240	12	15	100
290029		14	15	100
290030 *		16	15	100
290034	300	12	8	100
290036		14	8	100
290038		16	8	100
290040		20	8	100
290046	400	16	5	100
290048		20	5	100
290041	500	16	6	100
290043		20	6	100
290045	625	16	3	100
290047		20	3	100

Angled tubular cable lugs 90°, standard series **HUPtype**

• Material: 99.9% electrolytic copper E-CU DIN 40500
 • Surface: tin-plated



Art. No.	CSS	M	PU	PrU
290932/90	6	5	100	100
290934/90		6	100	100
290936/90		8	100	100
290938/90	10	5	100	100
290940/90		6	100	100
290942/90		8	100	100
290944/90		10	100	100
290948/90	16	5	100	100
290950/90		6	100	100
290952/90		8	100	100
290954/90		10	100	100
290956/90		12	100	100
290958/90	25	6	50	100
290960/90		8	50	100
290962/90		10	50	100
290964/90		12	50	100
290966/90	35	6	40	100
290968/90		8	40	100
290970/90		10	40	100
290972/90		12	40	100
290976/90	50	6	40	100
290978/90		8	40	100
290980/90		10	25	100
290982/90		12	25	100
290986/90	70	8	25	100
290988/90 *		10	25	100
290990/90		12	25	100
290992/90		16	25	100
290994/90	95	8	25	100
290996/90		10	25	100
290998/90		12	25	100
291000/90		16	15	100
291002/90		20	15	100
290006/90	120	10	15	100
290008/90		12	15	100
290010/90		16	15	100
290014/90	150	10	15	100
290016/90		12	15	100
290018/90		16	15	100
290020/90		20	12	100
291004/90	185	10	20	100
290022/90		12	20	100
290024/90		16	20	100
290028/90	240	12	15	100
290030/90		16	15	100

Butt connectors, standard series **HUPtype**

• Material: 99.9% electrolytic copper E-CU DIN 40500
 • Surface: tin-plated



Art. No.	CSS	W	PU	PrU
291050	0,75	14	100	100
291052	1,5	14	100	100
291054	2,5	16	100	100
291056	4	19	100	100
291058	6	19	100	100
291060	10	30	100	100
291062	16	35	50	100
291064	25	40	50	100
291066	35	45	50	100
291068	50	50	25	100
291070	70	55	25	100
291072	95	60	25	100
291074	120	65	15	100
291076	150	70	20	100
291078	185	80	5	100
291080	240	90	10	100
291082	300	100	5	100
291084	400	100	5	100

T-connectors, standard series **HUPtype**

• Material: 99.9% E-CU DIN 40500
 • Annealed material
 • Surface: tin-plated



Art. No.	CSS	W	PU	PrU	
291330	1,5	12	30	25	100
291332	2,5	12	30	25	100
291334	4	12	30	25	100
291336	6	14	35	25	100
291338	10	14	35	25	100
291340	16	21	50	25	100
291342	25	23	55	25	100
291344	35	30	70	25	100
291348	50	34	80	25	100
291350	70	35	85	25	100
291352	95	36	90	25	100
291354	120	38	95	10	100
291356	150	44	110	10	100
291358	185	45	115	1	100
291360	240	52	130	1	100

Tubular cable lugs, nylon-insulated, standard series

Nylon

- Material: 99,9% electrolytic copper
- Surface: tin-plated
- with sight hole
- Insulation: black



Cu

Art. No.	CSS	M	PU	PrU
290800	10	5	100	100
290801		6	100	100
290802		8	100	100
290804		10	50	100
290806	16	5	100	100
290810		6	50	100
290812		8	50	100
290814		10	50	100
290816		12	50	100
290818	25	6	25	100
290820		8	25	100
290822		10	25	100
290824		12	25	100
290826	35	6	25	100
290830		8	25	100
290832		10	25	100
290834		12	25	100
290836	50	6	25	100
290840		8	25	100
290842		10	25	100
290844		12	25	100
290846		14	20	100
290848	70	8	15	100
290850		10	15	100
290852		12	15	100
290854		14	15	100
290856		16	15	100
290858	95	8	25	100
290860		10	25	100
290862		12	25	100
290864		14	25	100
290866		16	25	100
290868	120	8	25	100
290870		10	25	100
290872		12	20	100
290874		14	20	100
290876		16	20	100
290878	150	10	20	100
290880		12	20	100
290882		14	20	100
290884		16	20	100
290886		20	20	100

Tubular cable lugs for fine-wired, high flexible conductors

F-type

- For fine stranded conductors, DIN VDE 60228 e.g. VDE 0295 class 5/6
- Material: 99,9% E-CU DIN 40500
- Surface: tin-plated
- With inspection hole



Cu

Art. No.	CSS	M	PU	PrU
290250 *	10	6	100	100
290252		8	100	100
290254		10	100	100
290256		12	100	100
290258	16	6	100	100
290260 *		8	100	100
290262		10	100	100
290264		12	100	100
290266	25	6	50	100
290268 *		8	50	100
290270		10	50	100
290272		12	50	100
290276 *	35	8	40	100
290278		10	40	100
290280		12	40	100
290282	50	8	25	100
290284 *		10	25	100
290286 *		12	25	100
290288		16	25	100
290290	70	8	25	100
290292 *		10	25	100
290294		12	25	100
290296		16	25	100
290300	95	10	25	100
290302 *		12	25	100
290304		16	25	100
290306	120	10	20	100
290308 *		12	20	100
290310		16	18	100
290316 *	150	12	12	100
290318		16	12	100
290320		20	10	100
290322	185	12	20	100
290324		16	20	100
290326		20	15	100
290328 *	240	12	15	100
290330		16	15	100
290332		20	15	100
290334	300	12	8	100
290336		16	8	100
290338		20	8	100

Butt-connector for fine stranded high flexible conductors

F-type

- For fine stranded conductors, DIN VDE 60228 e.g. VDE 0295 class 5/6
- Material: 99,9% E-CU DIN 40500
- Surface: tin-plated
- With buttmarks for precise cable insertion



Art. No.	CSS	PU	PrU
290350	10	30	50 100
290352	16	35	50 100
290354	25	35	50 100
290356	35	35	25 100
290358	50	45	25 100
290360	70	45	25 100
290362	95	45	25 100
290364	120	55	25 100
290366	150	65	25 100
290368	185	70	18 100
290370	240	70	6 100
290372	300	75	6 100
290374	400	100	6 100

Pressing terminals and connectors

Cable lugs acc. to DIN 46235

DIN

- Material: 99,9% E-Cu DIN 40500
- Surface: bare



Cu

Art. No.	CSS	M	l/no.	PU	PrU
290001	6	5	5	100	100
290003		6	5	100	100
290005		8	5	100	100
290007	10	5	6	100	100
290011		6	6	100	100
290013		8	6	100	100
290015		10	6	100	100
290019	16	6	8	50	100
290021		8	8	50	100
290025		10	8	50	100
290027		12	8	50	100
290031	25	6	10	50	100
290033		8	10	50	100
290035		10	10	50	100
290037		12	10	50	100
290039	35	6	12	25	100
290042		8	12	15	100
290044		10	12	25	100
290049		12	12	25	100
290050	50	8	14	25	100
290051		10	14	25	100
290052		12	14	25	100
290053		16	14	20	100
290054	70	8	16	25	100
290055		10	16	25	100
290056		12	16	25	100
290057		16	16	20	100
290058	95	10	18	15	100
290059		12	18	15	100
290060		16	18	15	100
290061	120	10	20	20	100
290063		12	20	20	100
290064		16	20	20	100
290065		20	20	20	100

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Art. No.	CSS	M	l/no.	PU	PrU
290066	150	10	22	15	100
290067		12	22	15	100
290068		16	22	15	100
290069		20	22	12	100
290070	185	10	25	10	100
290071		12	25	10	100
290072		16	25	10	100
290073		20	25	10	100
290074	240	12	28	8	100
290075		16	28	8	100
290076		20	28	8	100
290077	300	16	32	4	100
290078		20	32	4	100
290079	400	16	38	6	100
290080		20	38	6	100
290081	500	20	42	6	100
290082	625	20	44	1	100
290083	800	20	52	1	100
290084	1000	20	58	1	100

Compression joints acc. to DIN 46267 Part 1 (for non-tension connections) **DIN**

- Material: 99.9% E-Cu DIN 40500
- Surface: bare
- With marks for correct crimping
- Annealed material for easier crimping



Art. No.	CSS	l/no.	PU	PrU	
291520	6	5	30	100	
291522	10	6	30	100	
291524	16	8	50	100	
291526	25	10	50	100	
291528	35	12	50	100	
291530	50	14	55	25	100
291532	70	16	55	25	100
291534	95	18	70	15	100
291536	120	20	70	25	100
291538	150	22	80	15	100
291540	185	25	85	5	100
291542	240	28	90	10	100
291544	300	32	100	5	100
291546	400	38	150	8	100
291548	500	42	160	5	100
291550	625	44	160	1	100
291552	800	52	200	1	100
291554	1000	58	1000	1	100

Compression joints acc. to DIN 48085, Part 1 (for full-tension cable connections) **DIN**

- Material: 99.9% E-Cu DIN 40500
- Surface: bare
- With marks for correct crimping
- Annealed material for easier crimping



Art. No.	CSS	l/no.	PU	PrU	
291440	6	6	65	50	100
291442	10	8	80	50	100
291444	16	8	95	50	100
291446	25	10	95	50	100
291448	35	12	95	25	100
291450	50	14	110	25	100
291452	70	16	110	25	100
291454	95	20	145	10	100
291456	120	22	160	10	100
291458	150	25	180	10	100
291460	185	32	260	5	100
291462	240	34	310	5	100
291464	300	38	360	5	100

Cable lugs acc. to DIN 46235 **DIN**

- Material: 99.9% electrolytic copper
- Surface: tin-plated



Art. No.	CSS	M	l/no.	PU	PrU
290404 *	6	6	5	100	100
290406		8	5	100	100
290408	10	5	6	100	100
290410 *		6	6	100	100
290412 *		8	6	100	100
290414		10	6	100	100
290416	16	6	8	50	100
290418 *		8	8	50	100
290420		10	8	50	100
290422		12	8	50	100
290424	25	6	10	50	100
290426 *		8	10	50	100
290428		10	10	50	100
290430		12	10	50	100
290432	35	6	12	25	100
290434 *		8	12	25	100
290436		10	12	25	100
290438		12	12	25	100
290440	50	8	14	25	100
290442 *		10	14	25	100
290444		12	14	25	100
290446		16	14	20	100
290448	70	8	16	25	100
290450 *		10	16	25	100
290452		12	16	25	100
290454		16	16	20	100
290456 *	95	10	18	15	100
290458 *		12	18	15	100
290460		16	18	15	100
290462	120	10	20	20	100
290464 *		12	20	20	100
290466		16	20	20	100
290468		20	20	15	100
290470	150	10	22	15	100
290472 *		12	22	15	100
290474		16	22	15	100
290476		20	22	25	100
290478	185	10	25	10	100
290480 *		12	25	10	100
290482 *		16	25	10	100
290484		20	25	10	100
290486 *	240	12	28	8	100
290488 *		16	28	8	100
290490		20	28	8	100
290492	300	16	32	5	100
290494		20	32	5	100
290496	400	16	38	3	100
290498		20	38	1	100
290516	500	20	42	1	100
290518	625	20	44	1	100
290520	800	20	52	1	100
290522	1000	20	58	1	100

Cable lugs "SmallPack" acc. to DIN 46235

- Material: 99.9% electrolytic copper
- Surface: tin-plated



Art. No.	CSS	M	l/no.	PU	PrU
290404/10	6	6	5	10	100
290406/10		8	5	10	100
290410/10	10	6	6	10	100
290412/10		8	6	10	100
290416/10	16	6	8	10	100
290418/10		8	8	10	100
290420/10		10	8	10	100
290426/10	25	8	10	10	100
290428/10		10	10	10	100
290434/10	35	8	12	10	100
290436/10		10	12	10	100

Sleeves for round compacted conductors DIN **DIN**

for multiple-wire, thinned, compacted conductors (e.g. VDE 0295 Kl. 2)



Art. No.	CSS	PU	PrU
290561	16	100	100
290562	25	100	100
290563	35	100	100
290564	50	50	100
290565	70	50	100
290566	95	50	100
290567	120	50	100
290568	150	25	100
290569	185	25	100
290570	240	25	100
290571	300	5	100
290572	400	5	100

Angled cable lugs 90° acc. to DIN 46325 **DIN**

- Material: 99.9% E-Cu DIN 40500
- Tube dimension acc. to DIN 46235
- Surface: tin-plated



Art. No.	CSS	M	I/no.	PU	PrU
291700	6	5	5	100	100
291702 *		6	5	100	100
291704	10	5	6	100	100
291706		6	6	100	100
291708		8	6	100	100
291710	16	6	8	50	100
291712 *		8	8	50	100
291714		10	8	50	100
291716		12	8	50	100
291718	25	6	10	50	100
291720 *		8	10	50	100
291722		10	10	50	100
291724		12	10	50	100
291726 *	35	8	12	25	100
291728		10	12	25	100
291730		12	12	25	100
291732	50	8	14	25	100
291734 *		10	14	20	100
291736		12	14	20	100
291738		16	14	20	100
291740	70	8	16	30	100
291742 *		10	16	30	100
291744		12	16	15	100
291746		16	16	30	100
291748	95	10	18	10	100
291750		12	18	10	100
291752		16	18	10	100
291754	120	10	20	20	100
291756 *		12	20	20	100
291758		16	20	20	100
291760		20	20	15	100
291762	150	10	22	15	100
291764 *		12	22	15	100
291766		16	22	15	100
291768		20	22	10	100
291770	185	10	25	10	100
291772		12	25	10	100
291774		16	25	10	100
291776		20	25	10	100
291778	240	12	28	10	100
291780		16	28	10	100
291782		20	28	10	100

Compression joints acc. to DIN 46267, Part 1 (for non-tension connections) **DIN**

- Material: 99.9% E-Cu DIN 40500
- Surface: bare
- With marks for correct crimping
- Annealed material for easier crimping



Art. No.	CSS	I/no.	PU	PrU
291521	6	5	30	100
291523	10	6	30	100
291525	16	8	50	50
291527	25	10	50	50
291529	35	12	50	50
291531	50	14	55	25
291533	70	16	55	25
291535	95	18	70	25
291537	120	20	70	25
291539	150	22	80	15
291541	185	25	85	5
291543	240	28	90	10
291545	300	32	100	5
291547	400	38	150	8
291549	500	42	160	5
291551	625	44	160	1
291553	800	52	200	1
291555	1000	58	1000	1

Nickel terminals

Tubular cable lugs of pure nickel, ring type

- Material: nickel
- temperature resistant to 500° C



Art. No.	CSS	M	PU	PrU
292560	0,5	4	100	100
292562		5	100	100
292564	1,5	4	100	100
292566		5	100	100
292568		6	100	100
292570	4	4	100	100
292572		5	100	100
292574		6	100	100

Tubular terminals of pure nickel, forke type

- Material: nickel
- temperature resistant to 500° C



Art. No.	CSS	M	PU	PrU
292580	0,5-1,0	4	100	100
292582		5	100	100
292584	1,5-2,5	4	100	100
292586		5	100	100
292588		6	100	100
292590	4-6,0	4	100	100
292592		5	100	100

Butt-connectors, made from pure nickel

- Material: nickel
- temperature resistant to 500° C



Art. No.	CSS	PU	PrU
292596	0,5 - 1	15	100
292598	1,5 - 2,5	15	100
292600	4 - 6	15	100

Pressing terminals and connectors

Aluminium tubular cable lugs, standard series

- Material: E-Al 99,5%
- Surface: bare
- including contact grease



Art. No.	CSS	M	PU	PrU
294500	16	6	50	100
294502		8	50	100
294504		10	50	100
294506	25	6	50	100
294508		8	50	100
294510		10	50	100
294512	35	8	50	100
294514		10	50	100
294516	50	8	50	100
294518		10	50	100
294520		12	50	100
294522		16	50	100
294524	70	8	50	100
294526		10	50	100
294528		12	50	100
294530		16	50	100
294532	95	10	20	100
294534		12	20	100
294536		16	20	100
294538	120	8	20	100
294540		10	20	100
294542		12	20	100
294544		14	20	100
294546	150	8	20	100
294548		10	20	100
294550		12	20	100
294552		16	20	100
294554	185	8	20	100
294556		10	20	100
294558		12	20	100
294560		16	20	100
294562	240	8	20	100
294564		10	20	100
294566		12	20	100
294568		14	20	100
294570		16	20	100

Aluminium butt connectors, standard series

- Material: E-Al 99,5%
- Surface: bare
- including contact grease



Art. No.	CSS	PU	PrU
294580	16	50	100
294582	25	50	100
294584	35	50	100
294586	50	50	100
294588	70	50	100
294590	95	20	100
294592	120	20	100
294594	150	20	100
294596	185	20	100
294598	240	20	100

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Al compression cable lugs

DIN

- Material: Al 99,5%
- Surface: bare
- Al-cables DIN 48201, part 1 and DIN EN 50182
- Pre-rounded sm/se sector shaped conductors



Al

Art. No.	CSS	M	l/no.	PU	PrU
292904 *	16	8	12	50	100
292906		10	12	50	100
292908 *	25	8	12	50	100
292910		10	12	50	100
292912 *	35	10	14	50	100
292914		12	14	50	100
292916 *	50	10	16	50	100
292918		12	16	50	100
292920 *	70	10	18	40	100
292922		12	18	40	100
292924	95	10	22	25	100
292926 *		12	22	30	100
292928		16	22	25	100
292930 *	120	12	22	25	100
292932		16	22	25	100
292934 *	150	12	25	20	100
292936		16	25	20	100
292938		20	25	20	100
292940 *	185	12	28	15	100
292942		16	28	15	100
292944		20	28	15	100
292946 *	240	12	32	10	100
292948		16	32	12	100
292950		20	32	10	100

Al compression cable lugs acc. to DIN 46329

DIN

- Article number for tin-plated version e.g. 29 27 70/VZ
- Material: Al conductor, design according to DIN 48201
 - extruded version
 - Surface: bare



Al

Art. No.	CSS	M	l/no.	PU	PrU
292770	35	10	14	50	100
292772		12	14	50	100
292774	50	10	16	50	100
292776		12	16	50	100
292778 *	70	10	18	25	100
292780		12	18	25	100
292782 *	95	10	22	25	100
292784		12	22	25	100
292786 *	120	12	22	25	100
292788		16	22	25	100
292790 *	150	10	25	25	100
292792		12	25	25	100
292794		16	25	20	100
292796	185	10	28	20	100
292798 *		12	28	20	100
292800		16	28	20	100
292802 *	240	12	32	10	100
292804		16	32	10	100
292806		20	32	10	100
292808 *	300	12	34	10	100
292810		16	34	10	100
292812		20	34	10	100
292814	400	12	38	10	100
292816		16	38	10	100
292818		20	38	10	100
292820	500	12	44	6	100
292822		16	44	6	100
292824		20	44	6	100

Al-Crimp connector DIN 46267 Part 2

DIN

- Material: Al 99,5%
- Surface: bare
- Design with oil stop
- Manufactured DIN 46267, part 2
- for non-tension connections



Al

Art. No.	CSS	l	PU	PrU
293542	25	70	100	100
293544	35	85	100	100
293546	50	85	50	100
293548	70	105	50	100
293550	95	105	25	100
293552	120	105	25	100
293554	150	125	25	100
293556	185	125	20	100
293558	240	145	15	100

Al and Cu cable lugs, longitudinally sealed

DIN

- Material: Al 99,5% / E-Cu 99,9%
- Surface: bare
- With marking for correct crimping
- Barrier design with oil stop
- For pre-rounded sector shaped conductors
- For non-tension connections15



Al.Cu

Art. No.	CSS	M	l/no.	PU	PrU
293300 *	25	8	12	50	100
293302		10	12	50	100
293304		12	12	50	100
293306 *	35	10	14	50	100
293308		12	14	50	100
293310 *	50	10	16	50	100
293312		12	16	50	100
293314 *	70	10	18	50	100
293316		12	18	50	100
293318 *	95	12	22	25	100
293320		16	22	25	100
293321	120	10	22	25	100
293322 *		12	22	25	100
293324		16	22	25	100
293326 *	150	12	25	25	100
293328		16	25	25	100
293330 *	185	12	28	10	100
293332		16	28	10	100
293334 *	240	12	32	5	100
293336		20	32	5	100
293338 *	300	12	34	5	100

Al/Cu non-tension compression joints with

DIN

- Material: Al 99,5% E-Cu 99,9%
- Surface: bare
- For non-tension connections



Al.Cu

Art. No.	CSS	ØBo.	l	PU	PrU
293960	25	6	58	1	100
293962	35	7	71	1	100
293964	50	8	74	1	100
293966	70	10	87	1	100
293968	95	12	91	1	100
293970	120	12	97	1	100
293972	150	12	108	1	100
293974	185	14	116	1	100
293976	240	16	128	1	100
293978	300	18	131	1	100

Al-Cu reducing connectors

DIN

- for connections with tension relief of Al/Cu conductors to DIN 28201
- Material: Al 99,5%, DIN 40501, E-Cu DIN 40500
- Surface: bare pickled



Al.Cu

Art. No.	CSS	Cu	l	PU	PrU
293578	25	16	61	10	100
293582	35	16	71	10	100
293584		25	71	10	100
293598	50	25	71,5	10	100
293600		35	71,5	10	100
293606	70	25	79	10	100
293608		35	79	10	100
293610		50	85	10	100
293622	95	35	79	5	100
293624		50	85	5	100
293626		70	87	5	100
293634	120	50	87	5	100
293636		70	89	5	100
293638		95	97	5	100
293652	150	95	107,5	5	100
293654		120	107,5	5	100
293656		150	124	5	100
293664	185	185	108	5	100
293666		150	113	5	100
293678	240	150	124	5	100
293680		185	127	5	100
293688	300	185	128	5	100
293690		240	128	5	100

Cupul washer

Al.Cu

Compound material made from aluminium and copper



Art. No.	Ø	ST	PU	PrU
293810	10	1,5	50	100
293812	12	2	50	100
293814	14	2	50	100
293816	16	2	50	100

Screw terminals 10 - 30 KV

AL screw terminals medium voltage 10-30 KV **AI**

- for tension relief connections of Al medium-voltage cables
- Material: AL 99,5%
- Tin-plated surface



Art. No.	CSS	M	→←	PU	PrU
293140	16-95	12	60	1	100
293142	50-150	12	79	1	100
293144	16	16	79	1	100
293146	95-240	12	95	1	100
293148	16	16	95	1	100
293150	120-300	12	100	1	100
293152	16	16	100	1	100
293154	185-400	12	115	1	100
293156	16	16	115	1	100

AL screw connectors medium voltage **AI**

- Material: AL 99,5%;
- Screws: Tin-galvanised brass
- Tin-plated surface



Art. No.	CSS	→←	PU	PrU
293130	16-95	70	1	100
293132	50-150	85	1	100
293134	95-240	120	1	100
293136	120-300	142	1	100
293138	185-400	170	1	100

Safety tools

Alignment tool for sector conductor 1000 V **3/8"**



Art. No.	mm ²	kg	PU
110704	95 - 150	0,068	1
110705	185 - 240	0,088	1

Universal alignment tool for sector conductor 1000 V

50, 70, 95, 150, 185, 240 mm²



1000 V IEC 60900

Art. No.	kg	PU
110709	1,051	1

Counterholder 1000 V for Screw cable shoes



1000 V IEC 60900

Art. No.	∅	∅	→←	kg	PU
120101	0	15	240	0,680	1
120103	15	40	220	0,424	1
120104	25	50	300	0,680	1

Assortments

Tubular cable lugs assortment standard

Contents: 380 crimping terminals, crimping pliers (art. no. 210805), crimp standard 6 - 50 mm², hexagon crimping, in plastic bulk storage chest 415 x 335 x 90 mm



Art. No.	set	kg	PU
290380	380	6,000	1

Tubular cable lugs assortment DIN 46235

Contents: 380 crimping terminals, crimping pliers (art. no. 210805K), crimp DIN 6 - 50 mm², hexagon crimping, in plastic bulk storage chest 415 x 335 x 90 mm



Art. No.	set	kg	PU
290382	380	6,600	1

SysCon cable lugs DIN & 210805 K

Contents: 380 cable lugs DIN 46235, tinned
220370 ABS plastic box "SysCon S"
2 x 220376 Foam "SysCon" 400 x 300 x 15 mm
500270 Foam for sets 160 x 400 mm
210805 K Crimping pliers hexagonal crimping 6 - 50 mm²



Art. No.	set	kg	PU
220385	380	4,300	1

SysCon cable lugs standard & 210805

Contents: 380 cable lugs standard, tinned
220370 ABS plastic box "SysCon S"
2 x 220376 Foam "SysCon" 400 x 300 x 15 mm
500270 Foam for sets 160 x 400 mm
210805 Crimping plier hexagonal crimping 6 - 50 mm²



Art. No.	set	kg	PU
220386	380	4,300	1

SysCon cable lugs DIN 46235

Contents: 389 cable lugs DIN/standard, tinned
220370 ABS plastic box "SysCon S"
2 x 220376 Foam "SysCon" 400 x 300 x 15 mm



Art. No.	set	kg	PU
220387	389	4,300	1

SysCon cable lugs standard

Contents: 389 cable lugs DIN/standard, tinned
220370 ABS plastic box „SysCon S“
2 x 220376 Foam „SysCon“ 400 x 300 x 15 mm



Art. No.	set	kg	PU
220388	389	4,300	1

Cable ties

Cable ties

material: nylon, colour natural, -40° to +85° C



Art. No.	↔	W	↑	■	PU	PrU
262500/1	75	2,4	15	80	100	100
262500	96	2,5	23	80	100	100
262502 *	100	2,5	25	80	100	100
262504 *	142	2,5	35	80	100	100
262506 *	203	2,5	55	80	100	100
262508 *	142	3,2	35	180	100	100
262509/1	203	3,6	53	180	100	100
262510/1	250	3,6	68	180	100	100
262510 *	292	3,6	85	180	100	100
262512/1	120	4,8	27	220	100	100
262515	157	4,8	40	220	100	100
262512 *	188	4,8	54	220	100	100
262516 *	199	4,8	54	220	100	100
262518 *	250	4,8	68	220	100	100
262511/1	290	4,8	81	180	1000	100
262520 *	302	4,8	84	220	100	100
262522 *	371	4,8	106	220	100	100
262523	430	4,8	125	220	100	100
262528	200	7,6	54	540	100	100
262530	290	7,6	82	540	100	100
262532 *	370	7,6	101	533	100	100
262534	450	7,6	130	540	50	100
262534/1	540	7,6	160	540	50	100
262536 *	425	8,8	115	790	50	100
262537	523	8,8	150	790	50	100
262538	610	8,8	180	790	50	100
262535	774	8,8	220	790	50	100
262540	800	8,8	235	790	20	100
262542	920	8,8	270	790	50	100
262543	1219	9	374	790	25	100
262545	246	12,4	64	1120	50	100
262546	550	12,7	166	1120	50	100
262547	1030	12,7	312	1120	100	100

Cable ties

material: nylon - colour black, -40° to +85° C, weather- and UV-resistant



Art. No.	↔	W	↑	■	PU	PrU
262600/1	75	2,4	15	80	100	100
262600	96	2,5	23	80	100	100
262602 *	100	2,5	25	80	100	100
262604 *	142	2,5	35	80	100	100
262606 *	203	2,5	55	80	100	100
262608 *	142	3,2	35	180	100	100
262609/1	203	3,6	53	180	100	100
262610 *	292	3,6	85	180	100	100
262610/1	250	3,6	68	180	100	100
262611/1	372	3,6	106	180	1000	100
262616 *	203	4,6	52	220	100	100
262612/1	120	4,8	27	220	100	100
262615	157	4,8	40	220	100	100
262618 *	250	4,8	68	220	100	100
262620 *	302	4,8	84	220	100	100
262622 *	371	4,8	106	220	100	100
262623	430	4,8	125	220	100	100
262628	200	7,6	54	540	100	100
262630	290	7,6	82	540	100	100
262632 *	370	7,6	101	533	100	100
262634	450	7,6	130	540	50	100
262634/1	540	7,6	160	540	50	100
262636 *	425	8,8	115	800	50	100
262637	523	8,8	150	800	50	100
262638	610	8,8	180	800	50	100
262635	774	8,8	220	800	50	100
262640	800	8,8	235	800	20	100
262642	920	8,8	270	800	50	100
262643	1219	8,8	374	800	25	100
262645	246	12,4	64	1140	50	100
262646	550	12,7	166	1140	50	100
262647	1030	12,7	312	1140	20	100

Cable ties

material: polyamide 6,6 - colour natural, -40° to +85° C



Art. No.	↔	W	↑	■	PU	PrU
262100	100	2,5	23	80	100	100
262101	203	3,6	55	180	100	100
262102	142	3,2	35	180	100	100
262106	203	4,6	55	220	100	100
262108	310	4,8	89	220	100	100
262110	368	4,8	102	220	100	100
262114	380	7,6	110	550	50	100
262116	550	12,7	166	1120	50	100

Cable ties

material: polyamide 6,6 - colour black, -40° to +85° C



Art. No.	↔	W	↑	■	PU	PrU
262120	100	2,5	25	80	100	100
262122	142	3,2	35	180	100	100
262124	203	3,6	55	180	100	100
262126	199	4,8	54	220	100	100
262128	302	4,8	84	220	100	100
262130	368	4,8	102	220	100	100
262132	290	7,6	82	550	100	100
262134	370	7,6	106	550	50	100
262136	618	12,4	181	1120	50	100

Cable ties "Uvplus"

UV resistant, black, polyamide, 7 year guarantee



Art. No.	↔	W	↑	■	PU	PrU
262950	100	2,5	25	80	100	100
262952	202	2,5	50	80	100	100
262954	150	3,3	38	133	100	100
262956	201	3,6	52	133	100	100
262958	290	3,6	82	180	100	100
262960	199	4,8	50	220	100	100
262962	250	4,8	72	220	100	100
262964	290	4,8	83	220	100	100
262966	371	4,8	106	220	100	100
262968	290	7,6	82	540	100	100
262970	370	7,6	108	540	100	100
262972	542	7,6	162	540	100	100
262974	523	8,8	156	790	50	100
262976	709	8,8	185	790	50	100
262978	774	8,8	220	790	50	100
262980	920	8,8	279	790	50	100

Cable ties

material: nylon - colour natural, big packing unit 1000 pcs., -40° to +85° C



Art. No.	↔	W	↑	■	PU	PrU
262501	96	2,5	23	80	1000	100
262503	100	2,5	25	80	1000	100
262505	142	2,5	35	80	1000	100
262507	203	2,5	55	80	1000	100
262509	142	3,2	35	180	1000	100
262511	290	3,6	82	180	1000	100
262513	188	4,8	54	220	1000	100
262517	199	4,8	54	220	1000	100

Heat-resistant cable ties

Material nylon 6/6, colour light green, UL94V-2, for high temperature applications between -40°C and +105°C



Art. No.	↔	W	↑	■	PU	PrU
263000	100	2,5	21	80	100	100
263004	200	2,5	55	80	100	100
263006	120	3,6	37	180	100	100
263008	160	4,6	40	220	100	100
263010	199	4,6	54	220	100	100
263012	371	4,6	106	220	100	100

"UV" heat-resistant cable ties, black

Material nylon 6/6, colour black, UL94V-2, for high temperature applications between -40°C and +145°C, UV-stabilized



Art. No.	↔	W	↑	■	PU	PrU
263022	160	2,5	21	80	100	100
263024	200	2,5	21	80	100	100
263026	199	4,6	54	220	100	100
263028	302	4,6	84	220	100	100
263030	370	7,6	106	540	100	100

HUPImpact cable ties

Material shock-resistant nylon 6/6, colour black, UL 94HB, for use in temperatures between -40°C and +80°C, extremely high flexibility in cold environments



Art. No.	↔	W	↑	■	PU	PrU
263100	199	4,6	54	220	100	100
263102	288	4,6	81	220	100	100
263104	302	4,6	84	220	100	100
263106	371	4,6	106	220	100	100
263108	290	7,5	82	540	100	100
263110	370	7,5	106	540	100	100
263112	774	8,7	220	790	100	100

HUPsecure cable ties

Material PP, colour: yellow, can be used as a seal / connector



Art. No.	↔	W	↑	■	PU	PrU
263200	245	3,6	43	100	100	100
263204	295	3,6	60	100	100	100
263208	397	3,6	92	100	100	100

Releasable cable ties for frequent opening and closing

material: polyamide 6,6 - colour black, -40° to +85° C



Art. No.	↔	W	↑	■	PU	PrU
262140	150	7,6	33	220	100	100
262142	200	7,6	49	220	100	100
262144	300	7,6	80	220	100	100

Double-locking-cable ties

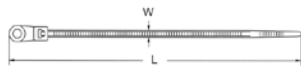
material: nylon - colour black, -40° to +85° C



Art. No.	↔	W	↑	■	PU	PrU
262700	180	9	45	550	100	100
262702	300	9	88	550	100	100
262704	360	9	100	550	100	100
262710	300	9	88	550	100	100

Cable ties with fixing eye

material: nylon, colour natural, -40° to +85° C



Art. No.	W	L	E	PU	PrU
262820	100	2,5	25	80	100
262822	170	3,7	40	180	100
262824	170	3,7	40	180	100
262826 *	205	4,2	60	220	100
262828 *	300	4,8	85	220	100
262830	300	7,8	80	540	100
262832	370	4,8	102	220	100
262834	398	7,9	122	540	100

Cable ties with marking space

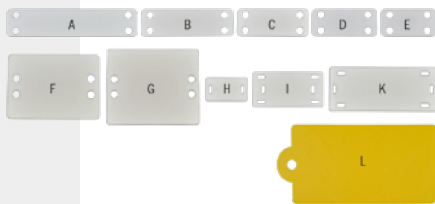
material: nylon, colour natural, -40° to +85° C



Art. No.	W	L	PU	PrU
262840 *	100	2,5	25	80
262842 *	130	2,5	25	80
262844	110	2,5	25	80
262846	200	4,6	50	220
262848 *	200	2,5	50	80
262850	270	4,6	75	220

Identification label for cable ties / marking cables

Material PE, for marking cables, pipes and lines, low weight, permanent labelling



Art. No.	W	H	PU	PrU
262179	26	15	1,2	H
262180	42,2	21	1,2	I
262181	60,8	25	1,2	K
262182	62,2	51	1,3	G
262183	38,5	19	0,4	E
262184	45,3	19,1	0,4	D
262185	50,5	19,1	0,4	C
262186	65	19,1	0,4	B
262187	63,8	44,8	0,4	F
262188	90	19,1	0,4	A
262189	160	80	0,6	L

Labelling box

Material PE, for attaching using cable ties (widths up to 4.8mm)



Art. No.	W	H	PU	PrU
262190	11,5	32,6	3	1
262191	19,1	43,5	4,6	2

Self adhesive sockets



Art. No.	W	PU	PrU
262160 *	19	100	100
262161	19	100	100
262162 *	28	100	100
262163	28	100	100

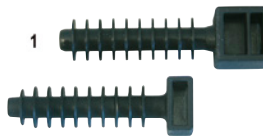
Screw type sockets



Art. No.	W	PU	PrU
262164 *	1,5	1	100
262165 *	1,5	1	100

Dowel Mounting sockets/Christmas trees

colour: black



Art. No.	W	PU	PrU
262170 *	37	10	100
262172	37	10	100

Tensioning tools for cable ties



Art. No.	W	kg	PU
262151 *	plastic	5	0,240
262152 *	metal	5	0,334
262153	metal	5	0,334
262154	metal	13	0,365
262158 *	metal	10	0,303

Hook-and-loop cable ties

made from extruded polyamide-velour laminate, Colours: black and green, Hook-and-loop cable ties with loop



Art. No.	W	PU	PrU
262750	125	12	20
262752	135	12	20
262754	180	12	20
262756	210	16	20
262758	310	16	20
262760	125	12	20
262762	135	12	20
262764	180	12	20
262768	310	16	20

Hook-and-loop cable ties

made from extruded polyamide-velour laminate, Colours: black, coil



Art. No.	Col.	W	PU	PrU
262780	black	10000	15	1
262782	black	10000	20	1

Cable ties, accessories

Polyethene spiral binding

natural, non-flame resistant



Art. No.	d1	kg	PU
262060	30 m	1,5	10
262062 *	30 m	4	25
262064 *	30 m	9	32

Polyethene spiral binding

white, flame resistant



Art. No.	d1	kg	PU
262066	30 m	1,5	10
262068 *	30 m	4	25
262069	30 m	9	32

Polyethene spiral binding

white, flame resistant



Art. No.	d1	kg	PU
262030	2 m	8	18
262031	2 m	15	31
262032	2 m	20	43
262033	2 m	25	54

Polyethene spiral binding

black, flame resistant



Art. No.	d1	kg	PU
262034	2 m	8	18
262035	2 m	15	31
262036	2 m	20	43
262037	2 m	25	54

haupa

... convincing solutions

Steel cable ties, accessories

Steel cable ties, SS 316 (V4A) with ball closure

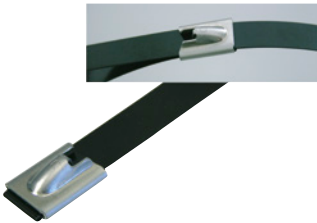
Material: Stainless steel 316 (V4A), ball fastener



Art. No.	W	H	PU	PrU		
262940/125 *	125	4,5	22	440	100	100
262940/152 *	152	4,5	25	440	100	100
262940/200 *	200	4,5	50	440	100	100
262940/250 *	250	4,5	60	440	100	100
262940/300 *	300	4,5	75	440	100	100
262940/360 *	360	4,5	102	440	100	100
262940/520 *	520	4,5	152	440	100	100
262950/152	152	8	25	1100	50	100
262950/200	200	8	50	1100	50	100
262950/300	300	8	75	1100	50	100
262950/360	360	8	102	1100	50	100
262950/520	520	8	152	1100	25	100
262950/680	680	8	203	1100	25	100
262950/840	840	8	254	1100	50	100
262950/1050	1050	8	318	1100	25	100
262960/290	290	12	80	2670	25	100
262960/360	360	12	102	2670	25	100
262960/520	520	12	152	2670	25	100
262960/680	680	12	203	2670	25	100
262960/840	840	12	254	2670	25	100
262960/1000	1000	12	302	2670	25	100
262960/1200	1200	12	351	2670	25	100

Steel cable ties, SS 316 (V4A) with ball closure

Steel cable ties, epoxy resin coated, material: stainless steel 316 (V4A), ball fastener



Art. No.	W	H	PU	PrU		
262942/125	125	4,5	22	440	100	100
262942/152	152	4,5	25	440	100	100
262942/200	200	4,5	50	440	100	100
262942/250	250	4,5	60	440	100	100
262942/300	300	4,5	75	440	100	100
262942/360	360	4,5	102	440	100	100
262942/520	520	4,5	152	440	100	100
262952/152	152	8	25	1100	50	100
262952/200	200	8	50	1100	50	100
262952/300	300	8	75	1100	50	100
262952/360	360	8	102	1100	50	100
262952/520	520	8	152	1100	50	100
262952/680	680	8	203	1100	50	100
262952/840	840	8	254	1100	50	100
262952/1050	1050	8	318	1100	25	100
262962/290	290	12	80	2670	25	100
262962/360	360	12	102	2670	25	100
262962/520	520	12	152	2670	25	100
262962/680	680	12	203	2670	25	100
262962/840	840	12	254	2670	25	100
262962/1000	1000	12	302	2670	25	100
262962/1200	1200	12	351	2670	25	100

Steel cable ties, SS 316 (V4A) with ratchet function

Material: Stainless steel, 316 (V4A), with ratchet function



Art. No.	W	H	PU	PrU		
262970/1100	1100	10	330	1960	10	100
262970/1315	1315	10	380	1960	10	100

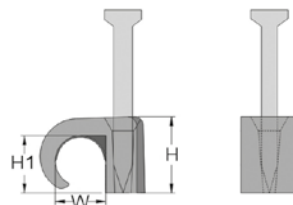
Tensioning tools for steel cable ties



Art. No.	W	kg	PU
262159	12	0,560	1

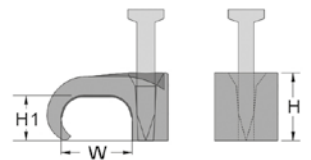
Nailing clips

Nailing clips for round cable



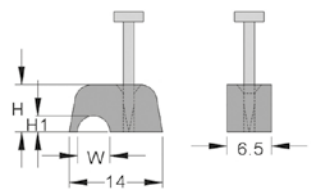
Art. No.	Ø	NL	PU	PrU	
262200	transparent	2-3	15	100	100
262202	transparent	3-5	20	100	100
262204	pure white	3-5	15	100	100
262206	black	5-7	25	100	100
262208	transparent	5-7	20	100	100
262209	light-grey	5-7	35	100	100
262210	pure white	5-7	20	100	100
262212	black	7-10	25	100	100
262214	brown	7-10	25	100	100
262215	grey	7-10	35	100	100
262216	red	7-10	25	100	100
262218	pure white	7-10	25	100	100
262219	light-grey	8-12	35	100	100
262220	black	10-14	30	100	100
262222	pure white	10-14	35	100	100
262223	light-grey	10-14	44	100	100
262224	black	14-20	35	50	100
262226	pure white	14-20	40	50	100
262227	light-grey	14-20	44	50	100
262228	black	18-22	45	50	100
262230	pure white	18-22	38	50	100
262231	light-grey	18-22	45	50	100
262232	black	22-26	45	50	100
262234	pure white	22-26	38	50	100
262235	light-grey	22-26	38	50	100

Nailing clips for flat cable



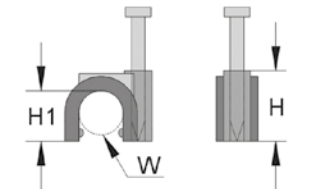
Art. No.	Ø	NL	PU	PrU	
262236	transparent	2-4	15	100	100
262238	transparent	3-5	15	100	100
262240	transparent	4-6	15	100	100
262242	light-grey	5-8	25	100	100
262243	pure white	5-8	25	100	100
262244	light-grey	6-10	25	100	100
262245	pure white	6-10	25	100	100
262246	light-grey	7-14	25	100	100
262247	pure white	7-14	25	100	100
262248	light-grey	9-18	22	100	100
262249	pure white	9-18	22	100	100

Nailing clips for round cable



Art. No.	Ø	NL	PU	PrU	
262254	light-grey	4,1	15	100	100
262256	light-grey	4,1	20	100	100
262258	light-grey	7,0	20	100	100
262260	light-grey	9,0	20	100	100
262262	light-grey	13,2	20	100	100

ISO nailing clips



Art. No.	Ø	NL	PU	PrU	
262264	light-grey	2,75	20	100	100
262266	light-grey	6,0	20	100	100
262268	light-grey	8,0	25	100	100
262270	light-grey	9,0	22	100	100
262272	light-grey	10,0	25	100	100
262274	light-grey	2,75	19	100	100
262276	light-grey	3,5	15	100	100
262278	light-grey	4,0	18	100	100
262280	light-grey	5,0	18	100	100
262282	light-grey	6,0	18	100	100
262284	light-grey	6,0	20	100	100
262286	light-grey	7,0	22	100	100
262288	light-grey	8,0	22	100	100
262290	light-grey	9,0	22	100	100
262292	light-grey	9,5	25	100	100
262294	light-grey	11,0	27	100	100
262296	light-grey	12,0	27	100	100
262298	light-grey	14,0	35	100	100
262300	light-grey	16,0	38	100	100
262302	light-grey	18,0	38	100	100
262304	light-grey	20,0	38	50	100
262306	light-grey	22,0	42	50	100
262308	light-grey	25,0	47	50	100
262310	light-grey	32,0	56	25	100

Cable glands polyamide IP68

Cable glands IP 68, metric or PG, assembled with washer and lock nut, fully mounted

metric or PG, assembled with washer and lock nut, fully mounted



Art. No.	Col.	PG span width	PU	PrU
250040	grey	M12	15	10 100
250042 *	grey	M16	19	10 100
250044 *	grey	M20	24	10 100
250046	grey	M20	27	10 100
250048	grey	M20	27	10 100
250050 *	grey	M25	30	10 100
250052	grey	M32	36	10 100
250054	grey	M40	46	5 100
250056	grey	M50	55	5 100
250058	grey	M63	66	5 100
250080	black	M12	15	10 100
250082	black	M16	19	10 100
250084	black	M20	24	10 100
250086	black	M20	27	10 100
250088	black	M20	27	10 100
250090	black	M25	30	10 100
250092	black	M32	36	10 100
250094	black	M40	46	5 100
250096	black	M50	55	5 100
250098	black	M63	66	5 100
250060	grey	PG7	15	10 100
250062 *	grey	PG9	19	10 100
250064 *	grey	PG11	22	10 100
250066 *	grey	PG13,5	24	10 100
250068 *	grey	PG16	27	10 100
250070	grey	PG21	33	10 100
250072	grey	PG29	42	10 100
250074	grey	PG36	53	5 100
250076	grey	PG42	60	5 100
250078	grey	PG48	65	5 100
250100	black	PG7	15	10 100
250102	black	PG9	19	10 100
250104	black	PG11	22	10 100
250106	black	PG13,5	24	10 100
250108	black	PG16	27	10 100
250110	black	PG21	33	10 100
250112	black	PG29	42	10 100
250114	black	PG36	53	5 100
250116	black	PG42	60	5 100
250118	black	PG48	65	5 100

SlimTop - cable glands IP 68, metric or PG, assembled with washer and lock nut, industry

metric, assembled with washer and lock nut, not mounted, reduced wrench size



Art. No.	Col.	PG span width	PU	PrU
250140	grey	M12	15	10 100
250142	grey	M16	20	10 100
250044 *	grey	M20	24	10 100
250144	grey	M25	24	10 100
250146	grey	M32	36	10 100
250148	grey	M40	46	5 100
250150	grey	M50	55	5 100
250152	grey	M63	68	5 100
250120	black	M12	15	10 100
250122	black	M16	20	10 100
250084	black	M20	24	10 100
250124	black	M25	29	10 100
250126	black	M32	36	10 100
250128	black	M40	46	5 100
250130	black	M50	55	5 100
250132	black	M63	68	5 100

Dummy plugs

Dummy plugs light- grey and black



Art. No.	PG	Col.	PU	PrU
250196	M12	light-grey	100	100
250198	M16	light-grey	100	100
250200	M20	light-grey	100	100
250202	M25	light-grey	100	100
250204	M32	light-grey	50	100
250206	M40	light-grey	50	100
250208	M50	light-grey	10	100
250210	M63	light-grey	10	100
250212	PG7	light-grey	100	100
250214	PG9	light-grey	100	100
250216	PG11	light-grey	100	100
250218	PG13,5	light-grey	100	100
250220	PG16	light-grey	100	100
250222	PG21	light-grey	100	100
250224	PG29	light-grey	50	100
250226	PG36	light-grey	50	100
250228	PG42	light-grey	10	100
250230	PG48	light-grey	10	100
250160	M12	black	100	100
250162	M16	black	100	100
250164	M20	black	100	100
250166	M25	black	100	100
250168	M32	black	50	100
250170	M40	black	50	100
250172	M50	black	10	100
250174	M63	black	10	100
250176	PG7	black	100	100
250178	PG9	black	100	100
250180	PG11	black	100	100
250182	PG13,5	black	100	100
250184	PG16	black	100	100
250186	PG21	black	100	100
250188	PG29	black	50	100
250190	PG36	black	50	100
250192	PG42	black	10	100
250194	PG48	black	10	100

Cable glands brass nickel-plated, IP68, fully mounted

metric or PG, assembled with washer and lock nut, fully mounted



Art. No.	PG span width	PU	PrU
250600	M12	14	10 100
250602 *	M16	18	10 100
250604 *	M20	22	10 100
250606 *	M25	24	10 100
250608 *	M32	35	10 100
250610	M40	40	5 100
250611	M40	45	5 100
250612	M50	55	5 100
250614	M63	64	5 100
250630	PG7	14	10 100
250632 *	PG9	17	10 100
250634 *	PG11	20	10 100
250636 *	PG13,5	23	10 100
250638 *	PG16	25	10 100
250640 *	PG21	30	10 100
250642 *	PG29	40	10 100
250644	PG36	50	5 100
250646	PG42	57	5 100
250648	PG48	64	5 100

EMC-Cable glands brass nickel-plated, IP68, fully mounted

metric or PG, assembled with washer and lock nut, fully mounted. To ensure correct EMP installation, the brass cable screws with EMP inserts should be used.



Art. No.	PG span width	PU	PrU
250650	M12	14	10 100
250652	M16	18	10 100
250654	M20	22	10 100
250656	M25	24	10 100
250658	M32	35	10 100
250660	M40	40	5 100
250661	M40	45	5 100
250662	M50	55	5 100
250664	M63	64	5 100
250666	PG7	14	10 100
250668	PG9	17	10 100
250670	PG11	20	10 100
250672	PG13,5	23	10 100
250674	PG16	25	10 100
250676	PG21	30	10 100
250678	PG29	40	10 100
250680	PG36	50	5 100
250682	PG42	57	5 100
250684	PG48	64	5 100

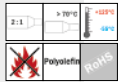
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Heat shrinkable tubes

Set HUPshrink21TW thin-walled 2:1

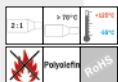
160 pieces, in plastic box



Art. No.	set	PU	PrU
267200 *	2:1	160	1 1

Set HUPshrink21TW thin-walled 2:1 coloured

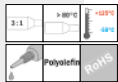
160 pieces, in plastic box



Art. No.	set	PU	PrU
267202 *	2:1	160	1 1

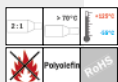
Set HUPshrink31DW-A double-walled 3:1 with adhesive lining

160 pieces, in plastic box



Art. No.	set	PU	PrU
267204 *	3:1	25	1 1

Set HUPshrink21TW thin-walled 2:1 coloured



Art. No.	set	PU	PrU
267206 *	2:1	160	1 1

HUPshrink21TW thin-walled 2:1

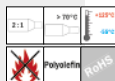
50 pieces, 0.1 m long packaged in a polybag



Art. No.	length	> Ø	Ø >	PU	PrU
267000	2:1 0,1 m	2,5	1	1	1
267002	2:1 0,1 m	3,5	1,5	1	1
267004	2:1 0,1 m	5	2,25	1	1
267006	2:1 0,1 m	6,5	3	1	1
267008	2:1 0,1 m	9,6	4,5	1	1
267010	2:1 0,1 m	12,7	6	1	1
267012	2:1 0,1 m	19	9	1	1
267014	2:1 0,1 m	26	12,5	1	1

HUPshrink21 thin-walled 2:1 blister package

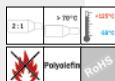
1 meter length in self-service-pack



Art. No.	length	> Ø	Ø >	PU	PrU
262085	2:1 1 m	4,8	2,4	1	1
262086	2:1 1 m	6,4	3,2	1	1
262087	2:1 1 m	9,5	4,8	1	1
262088	2:1 1 m	12,7	6,4	1	1
262089	2:1 1 m	19	9,5	1	1
262090	2:1 1 m	25,4	12,7	1	1

HUPshrink21TW thin-walled 2:1 Box

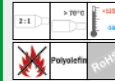
5/10m roll in dispenser



Art. No.	length	> Ø	Ø >	PU	PrU
267016	2:1 10 m	2,5	1	1	1
267018	2:1 10 m	3,5	1,5	1	1
267020	2:1 10 m	5	2,25	1	1
267022	2:1 5 m	6,5	3	1	1
267024	2:1 5 m	9,6	4,5	1	1
267026	2:1 5 m	12,7	6	1	1
267028	2:1 5 m	19	9	1	1
267030	2:1 5 m	26	12,5	1	1
267032	2:1 10 m	2,5	1	1	1
267034	2:1 10 m	3,5	1,5	1	1
267036	2:1 10 m	5	2,25	1	1
267038	2:1 5 m	6,5	3	1	1
267040	2:1 5 m	9,6	4,5	1	1
267042	2:1 5 m	12,7	6	1	1
267044	2:1 5 m	19	9	1	1
267046	2:1 5 m	26	12,5	1	1
267132	2:1 10 m	2,5	1	1	1
267134	2:1 10 m	3,5	1,5	1	1
267136	2:1 10 m	5	2,25	1	1
267138	2:1 5 m	6,5	3	1	1
267140	2:1 5 m	9,6	4,5	1	1
267142	2:1 5 m	12,7	6	1	1
267144	2:1 5 m	19	9	1	1
267146	2:1 5 m	26	12,5	1	1

HUPshrink21TW | 31TW thin-walled 2:1, 3:1

25m roll packaged in a polybag



Art. No.	length	> Ø	Ø >	PU	PrU
267250/200	2:1 200 m	1,2	0,6	1	1
267252/200	2:1 200 m	1,6	0,8	1	1
267254/200	2:1 200 m	2,5	1	1	1
267048	2:1 25 m	2,5	1	1	1
267256/200	2:1 200 m	3,5	1,5	1	1
267050	2:1 25 m	3,5	1,5	1	1
267258/100	2:1 100 m	5	2,25	1	1
267052	2:1 25 m	5	2,25	1	1
267260/50	2:1 50 m	6,5	3	1	1
267054	2:1 25 m	6,5	3	1	1
267262/50	2:1 50 m	9,6	4,5	1	1
267282/50	2:1 50 m	9,6	4,5	1	1
267056	2:1 25 m	9,6	4,5	1	1
267058	2:1 25 m	12,7	6	1	1
267264/100	2:1 100 m	12,7	6	1	1
267284/100	2:1 100 m	12,7	6	1	1
267060	2:1 25 m	19	9	1	1
267266/50	2:1 50 m	19	9	1	1
267062	2:1 25 m	26	12,5	1	1
267268/50	2:1 50 m	26	12,5	1	1
267410/25	2:1 25 m	38,1	19	1	1
267411/25	2:1 25 m	50,8	25,4	1	1
267412/25	2:1 25 m	76	38	1	1
267413/25	2:1 25 m	102	51	1	1
267480/100	3:1 100 m	12,7	4	1	1

HUPshrink31DW double-walled 3:1

1.2m packaged in a polybag



Art. No.	length	> Ø	Ø >	PU	PrU
267430	3:1 1,2 m	3	1	1	1
267432	3:1 1,2 m	6	2	1	1
267434	3:1 1,2 m	9	3	1	1
267436	3:1 1,2 m	12	4	1	1
267438	3:1 1,2 m	18	6	1	1
267440	3:1 1,2 m	25	8	1	1
267442	3:1 1,2 m	3	1	1	1
267444	3:1 1,2 m	6	2	1	1
267446	3:1 1,2 m	9	3	1	1
267448	3:1 1,2 m	12	4	1	1
267450	3:1 1,2 m	18	6	1	1
267452	3:1 1,2 m	25	8	1	1

HUPshrink21TW thin-walled 2:1

1.2m packaged in a polybag



Art. No.	length	> Ø	Ø >	PU	PrU
267250	2:1 1,2 m	1,2	0,6	1	1
267252	2:1 1,2 m	1,6	0,8	1	1
267254	2:1 1,2 m	2,5	1	1	1
267256	2:1 1,2 m	3,5	1,5	1	1
267258	2:1 1,2 m	5	2,25	1	1
267260	2:1 1,2 m	6,5	3	1	1
267262	2:1 1,2 m	9,6	4,5	1	1
267264	2:1 1,2 m	12,7	6	1	1
267266	2:1 1,2 m	19	9	1	1
267268	2:1 1,2 m	26	12,5	1	1

Art. No.	↔	> Ø	Ø >	PU	PrU
267272	2:1	1,2 m	1,6	0,8	1 1
267274	2:1	1,2 m	2,5	1	1 1
267276	2:1	1,2 m	3,5	1,5	1 1
267278	2:1	1,2 m	5	2,25	1 1
267280	2:1	1,2 m	6,5	3	1 1
267282	2:1	1,2 m	9,6	4,5	1 1
267284	2:1	1,2 m	12,7	6	1 1
267286	2:1	1,2 m	19	9	1 1
267288	2:1	1,2 m	26	12,5	1 1
267292	2:1	1,2 m	1,6	0,8	1 1
267294	2:1	1,2 m	2,5	1	1 1
267296	2:1	1,2 m	3,5	1,5	1 1
267298	2:1	1,2 m	5	2,25	1 1
267300	2:1	1,2 m	6,5	3	1 1
267302	2:1	1,2 m	9,6	4,5	1 1
267304	2:1	1,2 m	12,7	6	1 1
267306	2:1	1,2 m	19	9	1 1
267308	2:1	1,2 m	26	12,5	1 1
267312	2:1	1,2 m	1,6	0,8	1 1
267314	2:1	1,2 m	2,5	1	1 1
267316	2:1	1,2 m	3,5	1,5	1 1
267318	2:1	1,2 m	5	2,25	1 1
267320	2:1	1,2 m	6,5	3	1 1
267322	2:1	1,2 m	9,6	4,5	1 1
267324	2:1	1,2 m	12,7	6	1 1
267326	2:1	1,2 m	19	9	1 1
267328	2:1	1,2 m	26	12,5	1 1
267332	2:1	1,2 m	1,6	0,8	1 1
267334	2:1	1,2 m	2,5	1	1 1
267336	2:1	1,2 m	3,5	1,5	1 1
267338	2:1	1,2 m	5	2,25	1 1
267340	2:1	1,2 m	6,5	3	1 1
267342	2:1	1,2 m	9,6	4,5	1 1
267344	2:1	1,2 m	12,7	6	1 1
267346	2:1	1,2 m	19	9	1 1
267348	2:1	1,2 m	26	12,5	1 1
267352	2:1	1,2 m	1,6	0,8	1 1
267354	2:1	1,2 m	2,5	1	1 1
267356	2:1	1,2 m	3,5	1,5	1 1
267358	2:1	1,2 m	5	2,25	1 1
267360	2:1	1,2 m	6,5	3	1 1
267362	2:1	1,2 m	9,6	4,5	1 1
267364	2:1	1,2 m	12,7	6	1 1
267366	2:1	1,2 m	19	9	1 1
267368	2:1	1,2 m	26	12,5	1 1
267372	2:1	1,2 m	1,6	0,8	1 1
267374	2:1	1,2 m	2,5	1	1 1
267376	2:1	1,2 m	3,5	1,5	1 1
267378	2:1	1,2 m	5	2,25	1 1
267380	2:1	1,2 m	6,5	3	1 1
267382	2:1	1,2 m	9,6	4,5	1 1
267384	2:1	1,2 m	12,7	6	1 1
267386	2:1	1,2 m	19	9	1 1
267388	2:1	1,2 m	26	12,5	1 1
267392	2:1	1,2 m	1,6	0,8	1 1
267394	2:1	1,2 m	2,5	1	1 1
267396	2:1	1,2 m	3,5	1,5	1 1
267398	2:1	1,2 m	5	2,25	1 1
267400	2:1	1,2 m	6,5	3	1 1
267402	2:1	1,2 m	9,6	4,5	1 1
267404	2:1	1,2 m	12,7	6	1 1
267406	2:1	1,2 m	19	9	1 1
267408	2:1	1,2 m	26	12,5	1 1

Heat shrinkable tubes with adhesive lining

HUPshrink31MW-A | HUPshrink41MW-A medium-walled 3:1, 4:1 with adhesive lining

1.2m packaged in a polybag, with adhesive lining

Art. No.	↔	> Ø	Ø >	PU	PrU
267102	4:1	1,2 m	8	2	1 1
267104	4:1	1,2 m	12	3	1 1
267106	4:1	1,2 m	22	6	1 1
267108	4:1	1,2 m	33	8	1 1
267110	3:1	1,2 m	40	12	1 1
267112	3:1	1,2 m	55	16	1 1
267114	3:1	1,2 m	65	19	1 1
267116	3:1	1,2 m	75	22	1 1
267118	4:1	1,2 m	95	25	1 1
267120	3:1	1,2 m	115	34	1 1

HUPshrink31DW-A | HUPshrink41DW-A double-walled 3:1, 4:1 with adhesive lining

1.2m packaged in a polybag, with adhesive lining



Art. No.	↔	> Ø	Ø >	PU	PrU
267064	3:1	1,2 m	3,2	1	1 1
267066	3:1	1,2 m	4,8	1,6	1 1
267068	3:1	1,2 m	6,4	2	1 1
267070	3:1	1,2 m	9,5	3	1 1
267074	3:1	1,2 m	12,7	4	1 1
267078	3:1	1,2 m	19,1	6	1 1
267080	3:1	1,2 m	24,5	8	1 1
267084	3:1	1,2 m	38,1	13	1 1
267088	4:1	1,2 m	52	13	1 1

HUPshrink31DW-A double-walled 3:1 with adhesive lining Box

5/10m roll in dispenser, with adhesive lining



Art. No.	↔	> Ø	Ø >	PU	PrU
267090	3:1	10 m	3	1	1 1
267092	3:1	5 m	6	2	1 1
267094	3:1	5 m	9	3	1 1

HUPshrink31DW-A double-walled 3:1 with adhesive lining

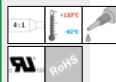
5m roll, with adhesive lining



Art. No.	↔	> Ø	Ø >	PU	PrU
267096	3:1	5 m	12	4	1 1
267098	3:1	5 m	19	6	1 1
267100	3:1	5 m	24	8	1 1

HUPshrink41DW-A double-walled 4:1 with adhesive lining

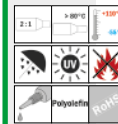
1.2m packaged in a polybag, with adhesive lining



Art. No.	↔	> Ø	Ø >	PU	PrU
267460	4:1	1,2 m	4	1	1 1
267462	4:1	1,2 m	8	2	1 1
267464	4:1	1,2 m	12	3	1 1
267466	4:1	1,2 m	16	4	1 1
267468	4:1	1,2 m	24	6	1 1
267470	4:1	1,2 m	32	8	1 1
267472	4:1	1,2 m	52	13	1 1

Heat-shrinkable end caps

- Designed with a layer of spiral coated hot melt adhesive in the internal surface of the end cap
- Provides highly resistant to moisture, fungus, and corrosion
- Electrical insulation to 1000V



Art. No.	Ø	KaL	ST	PU	PrU
267500	4-10	15	2,6	100	100
267502	6-16	25	2,8	50	100
267506	18-32	40	3,3	25	100
267508	28-48	50	3,5	10	100
267510	45-68	55	4	10	100
267512	55-90	70	4	25	100
267514	65-110	70	4	20	100

Torch brazing set SolderingKit

12-pieces, for pocket lighter butane gas, with Piezo ignition, heating time: +/- 25 seconds (peak), performance can be infinitely regulated, temperatures with naked flame up to 1200 °C, brazing up to 550 °C, heat shrinking up to 680 °C, burn time approximately 60 minutes, in black plastic case.



Art. No.	set	kg	PU
262098	12	0,670	1

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Electro insulating tape

Electrical insulating tape "HUPtape-15"

- VDE tested
- DIN EN 60454-3-1
- Water, weather and UV resistant



Art. No.	W	ST	PU	PrU
263800 *	15 10 m	0,15	10	1
263802 *	15 10 m	0,15	10	1
263804	15 10 m	0,15	10	1
263806	15 10 m	0,15	10	1
263808 *	15 10 m	0,15	10	1
263810 *	15 10 m	0,15	10	1
263812	15 10 m	0,15	10	1
263814	15 10 m	0,15	10	1
263816	15 10 m	0,15	10	1
263818 *	15 10 m	0,15	10	1

Art. No.	W	ST	PU	PrU
263822	15 20 m	0,15	10	1
263824	15 20 m	0,15	10	1
263826	15 20 m	0,15	10	1
263828	15 20 m	0,15	10	1
263830	15 20 m	0,15	10	1
263832	15 20 m	0,15	10	1
263834	15 20 m	0,15	10	1
263836	15 20 m	0,15	10	1
263838	15 20 m	0,15	10	1
263840	15 20 m	0,15	10	1

Art. No.	W	ST	PU	PrU
263842 *	19 20 m	0,15	8	1
263844 *	19 20 m	0,15	8	1
263846	19 20 m	0,15	8	1
263848	19 20 m	0,15	8	1
263850 *	19 20 m	0,15	8	1
263852 *	19 20 m	0,15	8	1
263854	19 20 m	0,15	8	1
263856	19 20 m	0,15	8	1
263858	19 20 m	0,15	8	1
263860 *	19 20 m	0,15	8	1

Art. No.	W	ST	PU	PrU
263902	19 25 m	0,15	10	1
263904	19 25 m	0,15	10	1
263906	19 25 m	0,15	10	1
263908	19 25 m	0,15	10	1
263910	19 25 m	0,15	10	1
263912	19 25 m	0,15	10	1
263914	19 25 m	0,15	10	1
263916	19 25 m	0,15	10	1
263918	19 25 m	0,15	10	1
263920	19 25 m	0,15	10	1

Art. No.	W	ST	PU	PrU
263882	19 33 m	0,15	8	1
263884	19 33 m	0,15	8	1
263886	19 33 m	0,15	8	1
263888	19 33 m	0,15	8	1
263890	19 33 m	0,15	8	1
263892	19 33 m	0,15	8	1
263894	19 33 m	0,15	8	1
263896	19 33 m	0,15	8	1
263898	19 33 m	0,15	8	1
263900	19 33 m	0,15	8	1

Art. No.	W	ST	PU	PrU
263862	25 20 m	0,15	6	1
263864	25 20 m	0,15	6	1
263866	25 20 m	0,15	6	1
263868	25 20 m	0,15	6	1
263870	25 20 m	0,15	6	1
263872	25 20 m	0,15	6	1
263874	25 20 m	0,15	6	1
263876	25 20 m	0,15	6	1
263878	25 20 m	0,15	6	1
263880	25 20 m	0,15	6	1

Rainbow-Pack

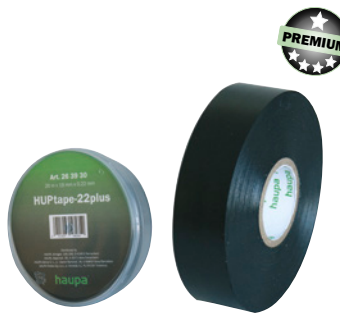
- VDE tested
- DIN EN 60454-3-1
- Water, weather and UV resistant
- 10 pieces



Art. No.	W	ST	PU	PrU
263820	15 10 m	0,15	1	1
263861	19 20 m	0,15	1	1

Cold-resistant insulation tape "HUPtape-22plus"

- Excellent wrapping properties
- Can be processed even at very low temperatures
- Extreme weather proof (UV resistant)
- Resistant to corrosion, acids and lyes
- Processing temperature: -18°C to + 60°C
- Individually packaged in plastic box



Art. No.	W	ST	PU	PrU
263930	19	0,215	1	1

Self-welding insulation tape "HUPtape76seal"

- Forms homogenous welding wraps
- Excellent dielectric properties
- Weather proof (UV resistant)
- Insulation on medium voltage cables up to 69 kV
- Resistant to corrosion, acids and lyes
- Individual in box packaging



Art. No.	W	ST	PU	PrU
263940	19	0,76	1	1

Textile tape

- 50 m



Art. No.	W	Col.	kg	PU
393016	50	50 m	grey	0,269 1



VDE screwdrivers „HUPslim“ 1000 V

Screwdriver „HUPslim“ 1000 V with PZ slot profile



Art. No.	size	BL	kg	PU
102870	1	80 205	0,060	1
102872	2	100 270	0,094	1

Screwdriver set „HUPslim“ 1000 V with PZ slot profile

- Content:**
- 102870
 - 102872



Art. No.	Fo.	set	kg	PU
102879	PZ/FL	2	0,200	1

Electricians' screwdrivers „HUPslim“ 1000 V Slot



Art. No.	CW KSt	BL	kg	PU
102914	3,5 0,6	100 185	0,035	1
102916	4 0,8	100 195	0,052	1
102918	5,5 1	125 230	0,070	1
102920	6,5 1,2	150 255	0,108	1

Electricians' screwdrivers „HUPslim“ 1000 V Slot



Art. No.	CW KSt	BL	kg	PU
102917	4 1	100 195	0,052	1

Cross slotted screwdrivers „HUPslim“ 1000 V Phillips



Art. No.	size	BL	kg	PU
102942	1	80 175	0,061	1
102944	2	100 205	0,100	1

Cross slotted screwdrivers „HUPslim“ 1000 V Pozidriv

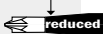


Art. No.	size	BL	kg	PU
102952	1	80 175	0,061	1
102954	2	100 205	0,095	1

Screwdrivers set „HUPslim“ 1000 V



- Content:**
- 102914
 - 102916
 - 102918
 - 102920
 - 102942
 - 102944



Art. No.	Fo.	set	kg	PU
102999	PH	6	0,414	1

Screwdrivers set „HUPslim“ 1000 V



- Content:**
- 102914
 - 102916
 - 102918
 - 102920
 - 102952
 - 102954



Art. No.	Fo.	set	kg	PU
102999/PZ	PZ	6	0,416	1

Screwdrivers set „HUPslimPlus“ 1000 V



- Content:**
- 102870
 - 102872
 - 102914
 - 102916
 - 102917
 - 102918
 - 102942
 - 102944
 - 102952
 - 102954
 - 100647



Art. No.	Fo.	set	kg	PU
102980	Mix	12	0,850	1

VDE screwdrivers 1000 V

Screwdriver with PZ slot profile



Art. No.	size	BL	kg	PU
101870	1	80 205	0,060	1
101872	2	100 270	0,094	1

Screwdriver set with PZ slot profile

- Content:**
- 101870
 - 101872



Art. No.	Fo.	set	kg	PU
101879	PZ/FL	2	0,200	1

Electricians screwdrivers Slot



Art. No.	CW KSt	BL	kg	PU
101910	2,5 0,4	75 155	0,027	1
101912	3 0,5	100 185	0,029	1
101914	3,5 0,6	100 185	0,035	1
101916	4 0,8	100 195	0,052	1
101918	5,5 1	125 230	0,070	1
101920	6,5 1,2	150 255	0,108	1
101922	8 1,2	175 295	0,177	1
101924	10 1,6	200 320	0,245	1

Electricians screwdrivers Slot



Art. No.	CW KSt	BL	kg	PU
101917	4 1	100 195	0,052	1

Cross slotted screwdrivers Phillips



Art. No.	size	BL	kg	PU
101940	0	60 145	0,034	1
101942	1	80 175	0,061	1
101944	2	100 205	0,100	1
101946	3	150 270	0,165	1

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Cross slotted screwdrivers Pozidriv



Art. No.	size	BL	kg	PU
101950	0	60 135	0,033	1
101952 *	1	80 175	0,061	1
101954 *	2	100 205	0,095	1
101956	3	150 270	0,166	1

Screwdrivers Tx



Art. No.	size	BL	kg	PU
101850	8	100 185	0,053	1
101852	9	100 185	0,051	1
101854	10	100 195	0,053	1
101856 *	15	100 195	0,053	1
101858 *	20	100 195	0,052	1
101860	25	125 220	0,070	1
101862	27	125 230	0,072	1
101864	30	150 255	0,109	1
101866	40	175 295	0,178	1

Screwdrivers Square



Art. No.	size	BL	kg	PU
102550	0	60 145	0,034	1
102552	1	80 175	0,061	1
102554	2	100 205	0,095	1
102556	3	150 270	0,166	1

Screwdrivers set 1000 V



- Content:**
- 101910
 - 101916
 - 101918
 - 101920
 - 101952
 - 101954



Art. No.	Fo.	set	kg	PU
101999/PZ	PZ	6	0,416	1

Screwdrivers set 1000 V



- Content:**
- 101910
 - 101916
 - 101918
 - 101920
 - 101942
 - 101944



Art. No.	Fo.	set	kg	PU
101999 *	PH	6	0,414	1

Screwdrivers set „Plus“ 1000 V



- Content:**
- 101870
 - 101872
 - 101874
 - 101876
 - 101878
 - 101880
 - 101882
 - 101884
 - 101886
 - 101888
 - 101890
 - 101892
 - 101894
 - 101896
 - 101898
 - 101900
 - 101902
 - 101904
 - 101906
 - 101908
 - 101910
 - 101912
 - 101914
 - 101916
 - 101918
 - 101920
 - 101922
 - 101924
 - 101926
 - 101928
 - 101930
 - 101932
 - 101934
 - 101936
 - 101938
 - 101940
 - 101942
 - 101944



Art. No.	Fo.	set	kg	PU
101980	Mix	15	0,414	1

VDE socket wrenches 1000 V

Socket wrenches DIN 7445



Art. No.	size	BL	kg	PU
102520	4	125 220	0,105	1
102522	5	125 220	0,109	1
102524	5,5	125 220	0,116	1
102526	6	125 220	0,111	1
102528	7	125 230	0,116	1
102530	8	125 230	0,119	1
102532	9	125 230	0,122	1
102534	10	125 230	0,125	1
102536	11	125 245	0,167	1
102538	12	125 245	0,165	1
102540	13	125 245	0,175	1

Socket wrenches set DIN 7445

Content:

- 102522
- 102524
- 102528
- 102530
- 102534
- 102536
- 102540

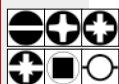


Art. No.	set	kg	PU
102512	7	1,065	1



„Vario“ 1000 V replaceable blade system

„Vario“ 1000 V replaceable blade system



Art. No.	Fo.	set	kg	PU
102000-1	PH	8	0,340	1
102000/PZ-1	PZ	8	0,334	1

„Vario“ nylon bag - empty



Art. No.	W	H	D	kg	PU
102042-1	215	290	30	0,088	1

Exchangeable „Vario“ 1000 V handle



Art. No.	Fo.	length	kg	PU
102040	HEX	120	0,058	1

„Vario“ screw cap



Art. No.	length	kg	PU
102044	10	0,002	1

„Vario“ replaceable blade - pozidrive blade/ slotted



Art. No.	size	BL	length	kg	PU
102010	1	85	165	0,035	1
102012	2	85	165	0,045	1

„Vario“ replaceable blade - slotted blade



Art. No.	CW	KSt	BL	length	kg	PU
102014	2,5	0,4	85	165	0,013	1
102016	3	0,5	85	165	0,015	1
102017	3,5	0,6	85	165	0,080	1
102018	4	0,8	85	165	0,022	1
102020	5,5	1	85	165	0,034	1
102022	6,5	1,2	85	165	0,045	1

„Vario“ replaceable blade - Phillips blade



Art. No.	size	BL	length	kg	PU
102001	0	85	165	0,023	1
102002	1	85	165	0,035	1
102004	2	85	165	0,044	1

„Vario“ replaceable blade - pozidrive blade



Art. No.	size	BL	length	kg	PU
102005	0	85	165	0,023	1
102006	1	85	165	0,035	1
102008	2	85	165	0,045	1

„Vario“ replaceable blade - torx blade



Art. No.	size	BL	length	kg	PU
102060	8	85	165	0,016	1
102062	9	85	165	0,016	1
102064	10	85	165	0,016	1
102066	15	85	165	0,021	1
102068	20	85	165	0,021	1
102070	25	85	165	0,034	1
102072	30	85	165	0,041	1

„Vario“ switch cabinet key - Square



Art. No.	length	length	kg	PU
102030	6	47	0,010	1
102032	8	47	0,009	1

„Vario“ switch cabinet key - Triangular



Art. No.	length	length	kg	PU
102034	9	47	0,009	1

„Vario“ switch cabinet key - Double-bit



Art. No.	length	length	kg	PU
102036	5,3	47	0,009	1

„VarioPro“ 1000 V replaceable blade system

VarioPro



Placeholders for torque handle



Video 102050



Art. No.	set	W	H	D	kg	PU
102052	30	410	310	85	3,100	1

Tool case „ElektroCombo“



Art. No.	set	W	H	D	kg	PU
104090 *	78	490	375	100	6,240	1

Working under tension

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„VarioTQ“ 1000 V replaceable blade system

„VarioTQ“ 1000 V dynamometric screwdriver with replaceable blades - PH/PZ



Art. No.	Fo.	Nm	kg	PU
102700-1	PH	1 - 6	0,800	1
102701-1	PH	0,5 - 3,5	0,800	1
102700/PZ-1	PZ	1 - 6	0,800	1
102701/PZ-1	PZ	0,5 - 3,5	0,800	1

„VarioTQ“ 1000 V nylon bag - empty



Art. No.	W	H	D	kg	PU
102785-1	215	290	30	0,115	1

„VarioTQ“ 1000 V dynamometric screwdriver with replaceable blades - Tx / Hex



Art. No.	Fo.	Nm	kg	PU
102702-1	TX	1 - 6	0,760	1
102703-1	TX	0,5 - 3,5	0,760	1
102706-1	TX+HEX	1 - 6	0,800	1
102707-1	TX+HEX	0,5 - 3,5	0,800	1

„VarioTQ“ 1000 V dynamometric screwdriver with replaceable blades - Hex



Art. No.	Fo.	Nm	kg	PU
102704-1	HEX	1 - 6	0,340	1
102705-1	HEX	0,5 - 3,5	0,340	1

Exchangeable „VarioTQ“ 1000 V handle



1000 V IEC 60900

Art. No.	Fo.	Nm	kg	PU
102790	122	1 - 6	0,050	1
102792	122	0,5 - 3,5	0,200	1

Square socket key



Art. No.	Fo.	BL	CW	kg	PU
102784	SQ	40	8	0,050	1

Exchangeable „Vario“ 1000 V handle



1000 V IEC 60900

Art. No.	Fo.	kg	PU
102040	HEX 120	0,058	1

„VarioTQ“ 1000 V replaceable blade - PZ/FL



Art. No.	Fo. size	kg	PU
102780	PZ/FL 1	195 0,050	1
102782	PZ/FL 2	195 0,050	1

„VarioTQ“ 1000 V replaceable blade - slotted blade



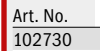
Art. No.	Fo.	CW	KSt	kg	PU
102710	SL 2,5	0,4	195	0,050	1
102712	SL 3	0,5	195	0,050	1
102714	SL 4	0,8	195	0,050	1
102716	SL 5,5	1	195	0,050	1
102718	SL 6,5	1,2	195	0,050	1

„VarioTQ“ 1000 V replaceable blade - Phillips blade



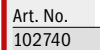
Art. No.	Fo. size	kg	PU
102720	PH 0	195 0,050	1
102722	PH 1	195 0,050	1
102724	PH 2	195 0,050	1
102726	PH 3	195 0,050	1

„VarioTQ“ 1000 V replaceable blade - pozidrive blade



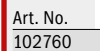
Art. No.	Fo. size	kg	PU
102730	PZ 0	195 0,050	1
102732	PZ 1	195 0,050	1
102734	PZ 2	195 0,050	1
102736	PZ 3	195 0,050	1

„VarioTQ“ 1000 V replaceable blade - torx blade



Art. No.	Fo. size	kg	PU
102740	TX 8	195 0,050	1
102742	TX 9	195 0,050	1
102744	TX 10	195 0,050	1
102746	TX 15	195 0,050	1
102748	TX 20	195 0,050	1
102750	TX 25	195 0,050	1
102752	TX 30	195 0,050	1

„VarioTQ“ 1000 V replaceable blade - hex blade



Art. No.	Fo. size	kg	PU
102760	HEX 2	195 0,050	1
102762	HEX 3	195 0,050	1
102764	HEX 3,5	195 0,050	1
102766	HEX 4	195 0,050	1
102768	HEX 4,5	195 0,050	1
102770	HEX 5	195 0,050	1
102772	HEX 5,5	195 0,050	1

VDE pliers, sheathed handles 1000 V

Combination pliers DIN ISO 5746 VDE

leveraged, perfected cutting force performance



Art. No.	↔	kg	PU
211198	160 IEC 60900	0,287	1
211200 *	180 VDE	0,287	1
211202	200 VDE	0,364	1

Side cutters DIN ISO 5749 VDE

leveraged, perfected cutting force performance



Art. No.	↔	kg	PU
211199	140 IEC 60900	0,237	1
211204 *	160 VDE	0,237	1
211206	180 VDE	0,296	1

Side cutting pliers with stripping function 1000 V

art. 211207, leveraged, perfected cutting force performance



Art. No.	↔	kg	PU
211203	160 IEC 60900	0,296	1
211207	180 IEC 60900	0,296	1

Wire stripping pliers VDE



Art. No.	↔	∅	kg	PU
211214 *	160	0,2-6	VDE 0,202	1

Heavy duty side cutters DIN ISO 5745 VDE

leveraged, perfected cutting force performance



Art. No.	↔	kg	PU
211211	160 IEC 60900	0,268	1
211217 *	170 VDE	0,268	1

Heavy duty side cutters DIN ISO 5749 VDE

leveraged, perfected cutting force performance



Art. No.	↔	kg	PU
211219 *	200 VDE	0,322	1

Long chain nose pliers DIN ISO 5745 VDE, straight

leveraged, perfected cutting force performance



Art. No.	↔	kg	PU
211213	160 IEC 60900	0,255	1
211208 *	200 VDE	0,255	1

Long chain nose pliers DIN ISO 5745 VDE, 45° angled nose

leveraged, perfected cutting force performance



Art. No.	↔	kg	PU
211209	160 IEC 60900	0,260	1
211210	200 VDE	0,260	1

Short flat nose pliers DIN ISO 5745 VDE



Art. No.	↔	kg	PU
211212	160 VDE	0,168	1

Short round nose pliers DIN ISO 5745 VDE



Art. No.	↔	kg	PU
211216	160 VDE	0,161	1

Water pump pliers DIN ISO 8976 VDE



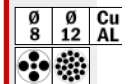
Art. No.	↔	kg	PU
211221	240 VDE	0,392	1

Pliers wrench VDE



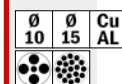
Art. No.	↔	∅	kg	PU
211224	280	50	VDE 0,392	1

Cable cutters VDE



Art. No.	↔	∅ mm ²	kg	PU
211225 *	160	8 16	VDE 0,215	1
211223	200	12 35	VDE 0,352	1

Cable cutters VDE with spring joint



Art. No.	↔	∅ mm ²	kg	PU
211226	170	10 25	VDE 0,268	1
211228 *	230	15 70	VDE 0,457	1



High leverage | perfected cutting force performance

High leverage pliers offer power saving of up to 50%.

haupa

... convincing solutions

Pliers set VDE, sheathed handles

Content:

- 211200
- 211204
- 211208
- 211214



Art. No.	set	kg	PU
220123 *	4 VDE	1,063	1

Fully insulating 1000 V PVC flat nose pliers



Art. No.	l	kg	PU
120051	190	0,109	1

Flat nose pliers 1000 V



Art. No.	l	kg	PU
120052	160	0,084	1

VDE-pliers, 2-coloured coating-insulation 1000 V

Combination pliers DIN ISO 5746 VDE



Art. No.	l	kg	PU
210056	180	0,300	1
210058	200	0,418	1

Side cutters DIN ISO 5749 VDE



Art. No.	l	kg	PU
210100	160	0,253	1
210102	180	0,303	1

Heavy duty side cutters DIN ISO 5749 VDE



Art. No.	l	kg	PU
210110	240	0,489	1
210117	180	0,274	1
210119	200	0,368	1

Front cutters 1000 V



Art. No.	l	kg	PU
210303	160	0,3282	1

Long chain nose pliers DIN ISO 5745 VDE



Art. No.	l	kg	PU
210388	200	0,270	1

Long chain nose pliers DIN ISO 5745 VDE, 45°



Art. No.	l	Fo.	kg	PU
210390	200	45°	0,256	1

Short round nose pliers DIN ISO 5745 VDE



Art. No.	l	kg	PU
210296	160	0,180	1

Short flat nose pliers DIN ISO 5745 VDE



Art. No.	l	kg	PU
210270	160	0,187	1

Wire stripping pliers VDE



Art. No.	l	∅	kg	PU
210648	160	0,2-6	0,232	1

Water pump pliers DIN ISO 8976 1000 V



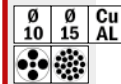
Art. No.	l	kg	PU
210588	260	0,590	1

Water pump pliers DIN ISO 8976 1000 V



Art. No.	l	kg	PU
210583	240	0,423	1

Cable cutters 1000 V with spring joint



Art. No.	l	∅ mm ²	kg	PU
200086/VDE	200	10 25	0,274	1
200088/VDE	230	15 70	0,479	1

Working under tension



Pliers set VDE, 2-coloured coating-insulation

Content:

- 210056
- 210100
- 210388
- 210648



Art. No.	set	kg	PU
220126	4	1,000	1

Tool case „Real“ 1000 V



Art. No.	set	kg	PU
220148	20	4,300	1

single wire	wire rope
multi-wire	armoured steel cable (SWA)
sector-shaped	ACSR
fine wire	bolt
communication	solid steel
	solid Cu

VDE pliers, coating-insulated 1000 V, head insulated

Combination pliers DIN ISO 5746 1000 V



Art. No.	l	kg	PU
210263	180	0,306	1
210264	200	0,372	1

Side cutters DIN ISO 5749 1000 V



Art. No.	l	kg	PU
210301	160	0,270	1
210302	180	0,309	1

Long chain nose pliers DIN ISO 5745 1000 V



Art. No.	l	kg	PU
210266	160	0,182	1
210267	200	0,236	1

Long chain nose pliers DIN ISO 5745 1000 V, 45°



Art. No.	l	Fo.	kg	PU
210297	200	45°	0,228	1

Plan grip pliers 1000 V



Art. No.	l	kg	PU
210298	200	0,215	1

Short flat nose pliers DIN ISO 5745 1000 V



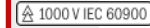
Art. No.	l	kg	PU
210299	160	0,216	1

Long chain nose pliers DIN ISO 5745 1000 V



Art. No.	l	kg	PU
210300	160	0,191	1

Wire stripping pliers 1000 V



Art. No.	l	∅	kg	PU
210265	160	0,2-6	0,180	1

Working under tension

haupa[®]

... convincing solutions

Cable cutters, stripping pliers 1000 V

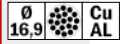
Cable cutter 1000 V



1000 V IEC 60900

Art. No.	↔	Ø	mm ²	kg	PU
200127	160	15	50	0,289	1

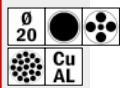
Cable cutter with a snap 1000 V



1000 V IEC 60900

Art. No.	↔	Ø	mm ²	kg	PU
201002/VDE	180	16,9	70	0,247	1

Cable cutter 1000 V



1000 V IEC 60900

Art. No.	↔	Ø	mm ²	kg	PU
200120	215	20	70	0,403	1

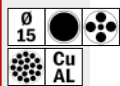
Double edged cable cutter 1000 V



1000 V IEC 60900

Art. No.	↔	Ø	mm ²	kg	PU
200128	200	20	50	0,382	1

Cable cutter 1000 V



1000 V IEC 60900

Art. No.	↔	Ø	mm ²	kg	PU
200129	240	15	50	0,484	1

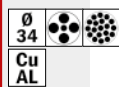
Allround soft-grip scissors VDE



Art. No.	↔	mm ²	kg	PU
200201	160	70	0,083	1

Cable cutters 1000 V

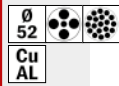
Ratchet cable cutter with cover 1000 V



1000 V IEC 60900

Art. No.	↔	Ø	mm ²	kg	PU
200109	290	34	240	1,308	1

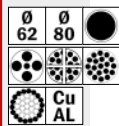
Ratchet cable cutter 1000 V



1000 V IEC 60900

Art. No.	Ø	mm ²	kg	PU
200198	52	400	0,942	1

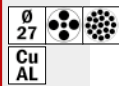
Ratchet cable cutter 1000 V



1000 V IEC 60900

Art. No.	Ø	mm ²	kg	PU
200193	62	840	2,200	1
200195	80	1000	3,150	1

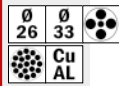
Cable cutter 1000 V



1000 V IEC 60900

Art. No.	↔	Ø	mm ²	kg	PU
200123	500	27	150	1,389	1

Cable cutter Super light 1000 V

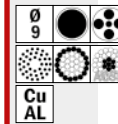


1000 V IEC 60900

Art. No.	↔	Ø	mm ²	kg	PU
200110	600	26	150	2,327	1
200141	700	33	185	3,292	1

Wire cutters 1000 V

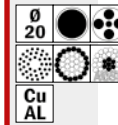
Wire rope and cable cutter 1000 V



1000 V IEC 60900

Art. No.	↔	Ø	mm ²	kg	PU
200081	700	9	16	2,880	1
200081/MK	Spare cutting head		0,350		1

Wire rope and cable cutter 1000 V



1000 V IEC 60900

Art. No.	↔	Ø	mm ²	kg	PU
200130	600	20	120	2,348	1
200132	Spare cutting head		0,340		1

	single wire		wire rope
	multi-wire		armoured steel cable (SWA)
	sector-shaped		ACSR
	fine wire		bolt
	communication		solid steel
			solid Cu

Hacksaw frames 1000 V

Hacksaw frame 1000 V



1000 V IEC 60900

Art. No.	l	Sbl.	kg	PU
110558	200	150	0,248	1

Hacksaw frame 1000 V



1000 V IEC 60900

Art. No.	l	Sbl.	ST	kg	PU
110559	350	300	18	0,732	1

Cable sheath strippers 1000 V

Cable sheath cutter 1000 V

Video 110561_67



1000 V IEC 60900

Art. No.	∅	kg	PU
110561	> 25	0,250	1
110569	Replacement blade	0,040	1

Stripping plier 1000 V



1000 V IEC 60900

Art. No.	∅	kg	PU
200149	26 - 52	0,739	1

VDE cable knives 1000 V

Cable knife VDE

with strong, straight blade



1000 V IEC 60900

Art. No.	BL	kg	PU
200000 *	50	0,110	1

Cable knife VDE with sliding block

with hook blade, specially for slitting



1000 V IEC 60900



Art. No.	BL	kg	PU
200007 *	50	0,120	1

Cable knife VDE

with a hook-shaped blade

1000 V IEC 60900



Art. No.	BL	kg	PU
200002	35	0,093	1

Cable knife VDE

with a hook-shaped insulated blade

1000 V IEC 60900



Art. No.	BL	kg	PU
200003	35	0,074	1

Cable knife VDE

with a curved blade

1000 V IEC 60900



Art. No.	BL	kg	PU
200004	35	0,087	1

Cable knife VDE

with a straight, partially-insulated, strong blade

1000 V IEC 60900



Art. No.	BL	kg	PU
200005	40	0,106	1

Cable knife VDE

with straight, part insulated, strong blade, replaceable blades.

1000 V IEC 60900



Art. No.	BL	kg	PU
201010 *	50	0,067	1

Replacement blades, 4-pcs.

suitable for article 201010



Art. No.	BL	kg	PU
201012	50	0,087	1

Cable stripping knife VDE

with a straight, strong blade

1000 V IEC 60900



Art. No.	BL	kg	PU
200009	50	0,094	1

Cable stripping knife VDE

blade with a slim, straight blade for fine tasks

1000 V IEC 60900



Art. No.	BL	kg	PU
200013	50	0,094	1

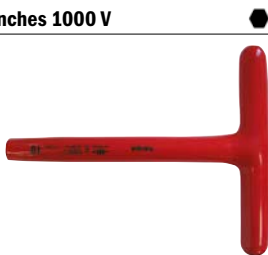
Working under tension

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... convincing solutions

Allen keys, spanners 1000 V

T-Handle socket wrenches 1000 V



1000 V IEC 60900

Art. No.	⌀	BL	hdl.	kg	PU
110000	10	200	160	0,300	1
110002	11	200	160	0,315	1
110004	12	200	160	0,320	1
110006	13	200	160	0,320	1
110008	14	200	160	0,426	1
110010	17	200	160	0,401	1
110012	19	200	160	0,430	1
110022	11	300	160	0,429	1
110024	12	300	160	0,375	1
110026	13	300	160	0,417	1
110028	14	300	160	0,425	1
110030	17	300	160	0,530	1
110032	19	300	160	0,556	1
110034	22	300	160	0,662	1
110036	24	300	160	0,990	1

Cross type socket wrenches 1000 V



1000 V IEC 60900

Art. No.	⌀	BL	kg	PU
110070	10-11-14-17	200	0,451	1
110074	11-12-13-17	200	0,225	1
110076	10-13-14-17	200	0,455	1
110078	11-13-14-17	200	0,449	1
110080	13-17-19-22	200	0,502	1

Counter hold spanners 1000 V



1000 V IEC 60900

Art. No.	⌀	↔	kg	PU
110081	10	200	0,118	1
110083	12	200	0,120	1
110084	13	200	0,171	1
110085	14	250	0,150	1
110087	16	260	0,249	1
110089	17	270	0,255	1
110091	18	265	0,250	1
110093	19	270	0,275	1
110095	20	275	0,300	1
110097	22	275	0,300	1
110099	24	270	0,350	1

Right angle allen keys 1000 V



1000 V IEC 60900

Art. No.	⌀	kg	PU
110042	3	0,016	1
110044	4	0,029	1
110046	5	0,045	1
110048	6	0,051	1
110050	8	0,103	1
110052	10	0,222	1
110054	12	0,352	1

T-handle allen keys 1000 V



1000 V IEC 60900

Art. No.	⌀	kg	PU
110060	5	0,222	1
110062	6	0,227	1
110064	8	0,224	1

Single ended spanners 1000 V



1000 V IEC 60900

Art. No.	⌀	↔	ST	kg	PU
110260	6	75	3	0,021	1
110262	7	80	3,5	0,021	1
110264	8	85	3,5	0,032	1
110266	9	100	4	0,035	1
110268	10	120	5	0,037	1
110270	11	130	5,5	0,044	1
110272	12	140	5,5	0,064	1
110274	13	155	6	0,061	1
110276	14	170	6	0,084	1
110278	17	185	6,5	0,121	1
110280	19	210	7,5	0,140	1
110282	22	230	8,5	0,215	1
110284	24	250	9,5	0,247	1
110286	27	290	11,5	0,272	1
110288	30	345	13	0,390	1
110290	32	350	15	0,503	1

Single ended tool set acc. to VDE 1000 V

Content:

- WS: 10, 11, 12, 13, 14, 17, 19,



1000 V IEC 60900

Art. No.	set	empty	kg	PU
220017	8	220002	1,181	1

Ring spanners 1000 V



1000 V IEC 60900

Art. No.	⌀	↔	kg	PU
110300	6	140	0,058	1
110302	7	140	0,055	1
110304	8	150	0,070	1
110306	9	155	0,090	1
110308	10	160	0,089	1
110310	11	170	0,085	1
110312	12	180	0,120	1
110314	13	195	0,125	1
110316	14	205	0,152	1
110318	17	240	0,186	1
110320	19	260	0,267	1
110322	22	280	0,284	1
110324	24	280	0,382	1

Ratchet ring spanners 1000 V



1000 V IEC 60900

Art. No.	⌀	kg	PU
110870	8	0,032	1
110872	9	0,040	1
110874	10	0,050	1
110876	11	0,059	1
110878	12	0,065	1
110880	13	0,076	1
110882	14	0,086	1
110884	15	0,105	1
110886	16	0,130	1
110888	17	0,161	1
110890	18	0,179	1
110892	19	0,215	1

Adjustable wrenches to DIN 3117 A 1000 V



1000 V IEC 60900

Art. No.	⌀	↔	kg	PU
110555	26	200	0,325	1
110556	31	250	0,512	1
110557	36	300	0,809	1

Reversible ratchets, torque wrenches, extensions, 1/4"

1/4"

Reversible ratchet VDE

1/4"



1000 V IEC 60900

Art. No.	drive	kg	PU
220577	1/4"	150	0,300 1

Socket T-wrench VDE

1/4"



1000 V IEC 60900

Art. No.	drive	kg	PU
220578	1/4"	125	0,241 1

Extensions VDE

1/4"



1000 V IEC 60900

Art. No.	drive	kg	PU
220579	1/4"	100	0,150 1
220580	1/4"	150	0,250 1

Hexagon sockets VDE

1/4"



1000 V IEC 60900

Art. No.	drive	kg	PU
220581	5 1/4"	40	0,027 1
220582	6 1/4"	40	0,027 1
220583	7 1/4"	40	0,029 1
220584	8 1/4"	40	0,032 1
220585	9 1/4"	40	0,035 1
220586	10 1/4"	40	0,047 1
220587	11 1/4"	40	0,051 1
220588	12 1/4"	40	0,063 1
220589	13 1/4"	40	0,036 1
220590	14 1/4"	40	0,040 1

Fittings for hexagon socket screws VDE

1/4"



1000 V IEC 60900

Art. No.	drive	kg	PU
220591	3 1/4"	55	0,041 1
220592	4 1/4"	55	0,042 1
220593	5 1/4"	55	0,042 1
220594	6 1/4"	55	0,042 1

Tool case VDE 1/4"

1/4"



1000 V IEC 60900

Video 220576



Art. No.	set	drive	kg	PU
220576 *	18	1/4"	1,250	1

Torque wrenches, extensions, hexagon sockets, 1/4"

1/4"

Reversible ratchet 1000 V

1/4"



1000 V IEC 60900

Art. No.	drive	kg	PU
110810	1/4"	135	0,122 1

Torque wrench 1000 V

TQ 1/4"



1000 V IEC 60900

Art. No.	drive	Nm	kg	PU
110812	1/4"	2 - 12	200	0,250 1
110813	1/4"	5 - 25	200	0,420 1

Socket T-wrench 1000 V

1/4"



1000 V IEC 60900

Art. No.	drive	kg	PU
110818	1/4"	115	0,156 1

Extensions 1000 V

1/4"



1000 V IEC 60900

Art. No.	drive	kg	PU
110814	1/4"	75	0,043 1
110816	1/4"	150	0,054 1

Extension with bit adapter 1000 V

1/4"



1000 V IEC 60900

Art. No.	Bit drive	kg	PU
110860	1/4" 1/4"	40	0,023 1

Hexagon sockets 1000 V

1/4"



1000 V IEC 60900

Art. No.	drive	kg	PU
110820	5 1/4"	0,012	1
110822	6 1/4"	0,012	1
110824	7 1/4"	0,014	1
110826	8 1/4"	0,011	1
110828	9 1/4"	0,016	1
110830	10 1/4"	0,014	1
110832	11 1/4"	0,020	1
110834	12 1/4"	0,021	1
110836	13 1/4"	0,021	1
110838	14 1/4"	0,034	1

Inserts for hexagon socket screws 1000 V

1/4"



1000 V IEC 60900

Art. No.	drive	kg	PU
110840	3 1/4"	0,010	1
110842	4 1/4"	0,014	1
110844	5 1/4"	0,014	1
110846	6 1/4"	0,015	1
110848	8 1/4"	0,021	1

Handles with bit adapter 1000 V

1/4"



1000 V IEC 60900

Art. No.	Bit drive	kg	PU
110864	1/4" 1/4"	120	0,160 1
110866	1/4" 1/4"	160	0,248 1
110868	1/4" 1/4"	250	0,310 1

Working under tension

haupa®

... convincing solutions

Tool case for household connections 1000 V TQ 1/4"

Torque key 1000 V, 5 - 25 Nm

TQ

1000 V IEC 60900



Art. No.	set	drive	kg	PU
110869	21	1/4"	1,000	1

Tool case 1000 V 1/4"

1000 V IEC 60900



Art. No.	set	drive	kg	PU
110871	22	1/4"	1,600	1

Reversible ratchets, torque wrenches, extensions, 3/8"

3/8"

Reversible ratchet VDE 3/8"

1000 V IEC 60900



Art. No.	drive	kg	PU
220410	3/8"	200	0,300 1

Torque wrench 1000 V TQ 3/8"

TQ

1000 V IEC 60900



Art. No.	drive	Nm	kg	PU
220415	3/8"	390 10 - 50	0,950	1

Socket T-wrench VDE 3/8"

1000 V IEC 60900



Art. No.	drive	kg	PU
220412	3/8"	200	0,241 1

Extensions VDE 3/8"

1000 V IEC 60900



Art. No.	drive	kg	PU
220414	3/8"	125	0,150 1
220416	3/8"	250	0,250 1

Hexagon sockets VDE 3/8"

1000 V IEC 60900



Art. No.	drive	kg	PU
220418	8 3/8"	44,5	0,027 1
220420	10 3/8"	44,5	0,027 1
220422	12 3/8"	44,5	0,029 1
220424	13 3/8"	44,5	0,032 1
220426	14 3/8"	44,5	0,035 1
220428	17 3/8"	44,5	0,047 1
220430	19 3/8"	46	0,051 1
220432	22 3/8"	46	0,063 1

Hexagon sockets 1000 V, 80 mm 3/8"

1000 V IEC 60900



Art. No.	drive	kg	PU
220418/80	8 3/8"	80	0,052 1
220420/80	10 3/8"	80	0,060 1
220422/80	12 3/8"	80	0,068 1
220424/80	13 3/8"	80	0,074 1
220426/80	14 3/8"	80	0,076 1
220428/80	17 3/8"	80	0,096 1
220430/80	19 3/8"	80	0,110 1

Fittings for hexagon socket screws VDE 3/8"

1000 V IEC 60900



Art. No.	drive	kg	PU
220434	4 3/8"	60	0,036 1
220436	5 3/8"	60	0,040 1
220438	6 3/8"	60	0,041 1
220440	8 3/8"	60	0,042 1
220353	10 3/8"	60	0,052 1

Fittings for hexagon socket screws 1000 V, 122 mm 3/8"

1000 V IEC 60900



Art. No.	drive	kg	PU
220434/122	4 3/8"	122	0,0055 1
220436/122	5 3/8"	122	0,056 1
220438/122	6 3/8"	122	0,056 1
220440/122	8 3/8"	122	0,072 1
220353/122	10 3/8"	122	0,094 1

VDE-sockets 3/8", XZN 3/8"

1000 V IEC 60900



Art. No.	drive	kg	PU
220357/8	8 3/8"	100	0,087 1
220357/10	10 3/8"	100	0,091 1
220357/12	12 3/8"	100	0,101 1

Tool case VDE 3/8" 3/8"

1000 V IEC 60900



Art. No.	set	drive	kg	PU
220402 *	16	3/8"	2,500	1

Torque wrenches, extensions, hexagon sockets, 3/8"

3/8"

Reversible ratchet 1000 V

3/8"



Art. No.	drive	l	kg	PU
110331/EN	3/8"	190	0,402	1

Locked torque wrench 1000 V

TQ 3/8"

Torque must be specified when ordering!



TQ



1000 V IEC 60900

Art. No.	drive	Nm	l	kg	PU
300310/EN	3/8"	5 - 27	280	0,951	1

Torque wrenches 1000 V

TQ 3/8"

TQ



1000 V IEC 60900

Art. No.	drive	Nm	kg	PU
110055/EN	3/8"	200 5 - 25	0,350	1
110056/EN	3/8"	280 5 - 25	0,920	1
110065/EN	3/8"	370 5 - 50	1,194	1

Torque T key 1000 V

TQ 3/8"

1000 V IEC 60900



Art. No.	drive	Nm	l	kg	PU
110071	3/8"	12 150	0,540	1	
110073	3/8"	18 150	0,540	1	
110075	3/8"	25 150	0,540	1	

Torque stoppers 1000 V

TQ 3/8"

1000 V IEC 60900



Art. No.	drive	Nm	kg	PU
110456/EN	3/8"	-12	0,220	1
110457/EN	3/8"	-18	0,220	1
110458/EN	3/8"	-25	0,224	1

Socket T-wrench 1000 V

3/8"



Art. No.	drive	BL	hdl.	kg	PU
110039/EN	3/8"	200	160	0,369	1

Extensions 1000 V

3/8"



Art. No.	drive	l	kg	PU
110337/EN	3/8"	125	0,292	1
110335/EN	3/8"	250	0,280	1

Extensions with bit adapter 1000 V

3/8"



1000 V IEC 60900

Art. No.	Bit drive	l	kg	PU
110861	1/4" 3/8"	125	0,137	1

Hexagon sockets 1000 V

3/8"



Art. No.	drive	l	kg	PU
110363/EN	8 3/8"	40	0,035	1
110364/EN	9 3/8"	40	0,032	1
110365/EN	10 3/8"	40	0,031	1
110366/EN	11 3/8"	40	0,037	1
110367/EN	13 3/8"	40	0,032	1
110368/EN	17 3/8"	40	0,050	1
110369/EN	19 3/8"	40	0,060	1
110371/EN	14 3/8"	40	0,070	1
110700/EN	12 3/8"	40	0,070	1
110702/EN	22 3/8"	40	0,061	1

Hexagon sockets 1000 V, extra long

3/8"



Art. No.	drive	l	kg	PU
110710	10 3/8"	125	1,051	1
110712	12 3/8"	125	1,051	1
110713	13 3/8"	125	1,051	1
110714	14 3/8"	125	1,051	1
110715	17 3/8"	125	1,051	1
110716	19 3/8"	125	1,051	1
110717	22 3/8"	125	0,035	1

Fittings for hexagon socket screws 1000 V

3/8"



Art. No.	drive	l	kg	PU
300302/EN	4 3/8"	65	0,068	1
300296/EN	5 3/8"	65	0,065	1
300298/EN	6 3/8"	65	0,068	1
300299/EN	8 3/8"	65	0,070	1
300305/EN	10 3/8"	65	0,082	1

Tool case 1000 V

3/8"

with locking system



Art. No.	set	drive	kg	PU
220147	17	3/8"	3,400	1

Tool case 1000 V

3/8"

without locking system



Art. No.	set	drive	kg	PU
220212	13	3/8"	2,500	1

Tool case 1000 V

TQ 3/8"

Torque key 1000 V, 5 - 50 Nm



TQ



Art. No.	set	drive	kg	PU
110873	14	3/8"	3,870	1

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Reversible ratchets, torque wrenches, extensions, 1/2"



Reversible ratchet VDE



Art. No.	drive	l	kg	PU
220450	1/2"	250	0,550	1

Socket T-wrench VDE



Art. No.	drive	l	kg	PU
220452	1/2"	200	0,330	1

Extensions VDE



Art. No.	drive	l	kg	PU
220454	1/2"	125	0,208	1
220456	1/2"	250	0,411	1

Hexagon sockets VDE



Art. No.	drive	l	kg	PU
220458	10 1/2"	55	0,055	1
220460	11 1/2"	55	0,055	1
220462	12 1/2"	55	0,058	1
220464	13 1/2"	55	0,058	1
220466	14 1/2"	55	0,061	1
220468	17 1/2"	55	0,069	1
220470	19 1/2"	57	0,072	1
220478	22 1/2"	57	0,087	1
220480	24 1/2"	57	0,095	1
220482	27 1/2"	57	0,125	1
220484	32 1/2"	57	0,170	1

Fittings for hexagon socket screws VDE



Art. No.	drive	l	kg	PU
220486	4 1/2"	120	0,113	1
220488	5 1/2"	120	0,113	1
220490	6 1/2"	120	0,113	1
220492	8 1/2"	120	0,115	1
220494	10 1/2"	120	0,134	1

Tool case VDE 1/2"



Art. No.	set	drive	kg	PU
220404 *	20	1/2"	4,000	1

SysCon S „VDE-Socket“ 1/2"



Art. No.	set	empty	kg	PU
220612	20	220370	4,300	1

Torque wrenches, extensions, hexagon sockets, 1/2"



Reversible ratchet 1000 V



Art. No.	drive	l	kg	PU
110332/EN	1/2"	255	0,687	1

Locked torque wrench 1000 V



Torque must be specified when ordering!

Art. No.	drive	Nm	l	kg	PU
300312/EN	1/2"	5 - 27	280	1,052	1

Torque wrenches 1000 V



Art. No.	drive	Nm	l	kg	PU
110058/EN	1/2"	2 - 27	280	1,035	1
110066/EN	1/2"	5 - 50	370	1,121	1
110067/EN	1/2"	20 - 100	460	1,493	1
110068/EN	1/2"	60 - 220	530	1,300	1

Socket T-wrench 1000 V



Art. No.	drive	BL	hdl.	kg	PU
110040/EN	12,5	200	160	0,452	1

Extensions 1000 V



Art. No.	drive	l	kg	PU
110336/EN	1/2"	125	0,197	1
110338/EN	1/2"	250	0,389	1



Extensions with bit adapter 1000 V



1000 V IEC 60900

Art. No.	Bit drive	kg	PU
110862	1/4" 1/2"	250	0,165 1

Hexagon sockets 1000 V, 50 mm



1000 V IEC 60900

Art. No.	drive	kg	PU
110339/EN	8 1/2"	50	0,080 1
110340/EN	10 1/2"	50	0,056 1
110342/EN	11 1/2"	50	0,062 1
110344/EN	12 1/2"	50	0,062 1
110346/EN	13 1/2"	50	0,066 1
110348/EN	14 1/2"	50	0,063 1
110350/EN	17 1/2"	50	0,076 1
110352/EN	19 1/2"	50	0,072 1
110354/EN	22 1/2"	50	0,104 1
110356/EN	24 1/2"	50	0,141 1
110358/EN	27 1/2"	50	0,191 1
110360/EN	30 1/2"	50	0,224 1
110362/EN	32 1/2"	50	0,268 1

Hexagon sockets DIN 7448, 1000 V, 80 mm



1000 V IEC 60900

Art. No.	drive	kg	PU
110373/EN	10 1/2"	80	0,085 1
110374/EN	11 1/2"	80	0,110 1
110375/EN	13 1/2"	80	0,123 1
110376/EN	14 1/2"	80	0,119 1
110377/EN	17 1/2"	80	0,157 1
110378/EN	19 1/2"	80	0,168 1
110379/EN	22 1/2"	80	0,230 1

Hexagon sockets 1000 V, 125 mm



1000 V IEC 60900

Art. No.	drive	kg	PU
110346/125	13 1/2"	125	0,250 1
110348/125	14 1/2"	125	0,260 1
110350/125	17 1/2"	125	0,280 1
110352/125	19 1/2"	125	0,295 1
110354/125	22 1/2"	125	0,310 1
110356/125	24 1/2"	125	0,330 1
110358/125	27 1/2"	125	0,350 1
110360/125	30 1/2"	125	0,380 1
110362/125	32 1/2"	125	0,410 1

Hexagon sockets 1000 V, 250 mm



1000 V IEC 60900

Art. No.	drive	kg	PU
110346/250	13 1/2"	250	0,485 1
110348/250	14 1/2"	250	0,500 1
110350/250	17 1/2"	250	0,530 1
110352/250	19 1/2"	250	0,530 1
110354/250	22 1/2"	250	0,580 1
110356/250	24 1/2"	250	0,605 1
110358/250	27 1/2"	250	0,635 1
110360/250	30 1/2"	250	0,660 1
110362/250	32 1/2"	250	0,670 1

Fittings for hexagon socket screws 1000 V



Art. No.	drive	kg	PU
300294/EN	4 1/2"	70	0,094 1
300297/EN	5 1/2"	70	0,096 1
300295/EN	6 1/2"	70	0,101 1
300303/EN	8 1/2"	70	0,100 1
300306/EN	10 1/2"	70	0,106 1

Tool case 1000 V



with locking system



Art. No.	set	drive	kg	PU
220205/EN	16	1/2"	4,080	1

Tool case „Biber“ 1000 V



with locking system



Art. No.	set	drive	kg	PU
220146	26	1/2"	5,000	1

Safety tools

Alignment tool for sector conductor 1000 V



Art. No.	mm ²	kg	PU
110704	95 - 150	0,068	1
110705	185 - 240	0,088	1

Universal alignment tool for sector conductor 1000 V

50, 70, 95, 150, 185, 240 mm²



1000 V IEC 60900

Art. No.	kg	PU
110709	1,051	1

Counterholder 1000 V for Screw cable shoes



1000 V IEC 60900

Art. No.	drive	kg	PU
120101	0 15 240	0,680	1
120103	15 40 220	0,424	1
120104	25 50 300	0,680	1

Plastic wedges 1000 V



1000 V IEC 60900

Art. No.	W	kg	PU
120102	225 45	0,234	1

Plastic wedges 1000 V



1000 V IEC 60900

Art. No.	W	kg	PU
120100	200 25	0,085	1

Plastic wedges 1000 V



1000 V IEC 60900

Art. No.	groove	kg	PU
120094	without	0,051	1

Working under tension

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Cleaning brushes Safety Line



Art. No.	W	kg	PU
150036	420 25	0,053	1
150037	420 28	0,061	1
150038	420 50	0,100	1

Electrician's safety levels



Art. No.	kg	PU
240057	400 0,188	1
240058	600 0,274	1

PVC hammer 1000 V



1000 V IEC 60900

Art. No.	∅	kg	PU
180295	290 25	0,570	1
180297	290 35	0,825	1

Combined dowel and contact spanners



Art. No.	kg	PU
120002 *	105 0,046	1

Insulated tweezers VDE 1000 V

pointed



1000 V IEC 60900

Art. No.	kg	PU
211060	130 0,029	1

Insulated tweezers VDE 1000 V

pointed round, bent



1000 V IEC 60900

Art. No.	kg	PU
211062	150 0,031	1

Insulated tweezers VDE 1000 V

wide round, flat

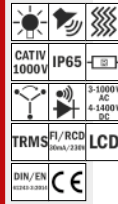


1000 V IEC 60900

Art. No.	kg	PU
211064	145 0,042	1

Voltage testers

Voltage tester "Profi LCDplus II"



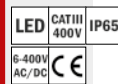
Art. No.	TMA	kg	PU
103826	3 - 1000 300	0,600	1

Voltage tester "Profi LEDplus II"



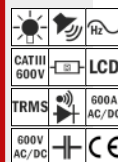
Art. No.	TMA	kg	PU
103824	6 - 1000 300	0,280	1

Voltage tester "Basic +"



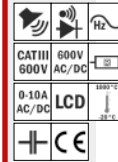
Art. No.	TMA	kg	PU
103800	6 - 400 210	0,097	1

"Multi Clamp II" - digital miniature clamp transducer AC/DC 600 V



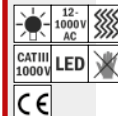
Art. No.	kg	PU
103809	0,433	1

"Multi Check III" - digital high-capacity multimeter



Art. No.	kg	PU
103815	0,433	1

Voltage tester "TestPen Profi"



Art. No.	TMA	kg	PU
103817	12 - 1000 140	0,190	1

Voltage tester VDE/GS



Art. No.	TMA	kg	PU
100700 *	125 - 250 190	0,036	1

Personal protection equipment

HUPsafetyGloves - Insulating finger gloves according to DIN EN 60903

Note: The insulating gloves HUPsafetyGloves must be stored in their original packaging in order to avoid damage to the product.*



DIN EN 60903

Art. No.	Class	ST size	kg	PU
120004	00	360 1,1	9 0,270	1
120005	00	360 1,1	10 0,293	1
120006 *	0	360 1,6	9 0,270	1
120007 *	0	360 1,6	10 0,400	1
120007/1	0	360 1,6	11 0,300	1
120006 561	1	360 2,1	10 0,646	1
120006 564 S	2	360 2,9	10 0,727	1
120006 587	3	360 3,5	10 0,947	1

HUPflashGloves - Insulating finger gloves according to DIN EN 60903, Arc flash tested

Note: The insulating gloves HUPflashGloves must be stored in their original packaging in order to avoid damage to the product.*



IEC 61482-1-2



DIN EN 60903

Art. No.	Class	ST size	kg	PU
121020/9	0	410 2,9	9 0,510	1
121020/10	0	410 2,9	10 0,520	1
121020/11	0	410 2,9	11 0,530	1
121021/10	1	410 3,4	10 0,670	1
121022/10	2	410 3,9	10 0,770	1
121023/10	3	410 4,2	10 0,800	1
121024/10	4	410 4,8	10 0,940	1

Class	Alternating Current	Direct Current
00	500	750
0	1.000	1.500
1	7.500	11.250
2	17.000	25.500
3	26.500	39.700
4	36.000	54.000

Glove tester

Pneumatic tester for electrician's protective gloves. It is recommended to carry out a test of this nature before starting work.



Art. No.	kg	PU
120109	0,800	1

Cotton gloves for putting underneath



Art. No.	size	kg	PU
120003	275	0,041	1

Heat protection gloves acc. to EN 407



Art. No.	size	kg	PU
120011	260	0,039	1

Outer gloves



2121



Art. No.	size	ST	kg	PU
120028	L 10	300	0,8	0,070

Set with protective gloves EN 60903

Content: 120006, 120028, 120003



Art. No.	set	kg	PU
120029	400 4	0,900	1

Set with protective gloves EN 60903 light

Content: 120006, 120003



Art. No.	set	kg	PU
120037	400 3	0,640	1

Safety fuse grips



1000 V



Art. No.	kg	PU
120012 *	0,563	1

Leather working glove



Art. No.	size	kg	PU
120310	L 10,5	250 0,106	12

PU textile glove



4131



Art. No.	size	kg	PU
120300/6	XXS 6	250 0,027	12
120300/7	XS 7	250 0,027	12
120300/8	S 8	250 0,027	12
120300/9	M 9	250 0,027	12
120300/10	L 10	250 0,027	12
120300/11	XL 11	250 0,027	12

PU cut-protection glove, level 3



4342



Art. No.	size	kg	PU
120302/9	M 9	260 0,049	1
120302/10	L 10	260 0,049	1
120302/11	XL 11	260 0,049	1

PU cut-protection glove, level 5



4544



Art. No.	size	kg	PU
120304/9	M 9	260 0,069	1
120304/10	L 10	260 0,069	1
120304/11	XL 11	260 0,069	1

Working under tension

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Electricians' protection helmets acc. to DIN EN 50365

⚡ 1000 V | Class 0



Art. No.	Col.	kg	PU
120008	green	0,558	1
120008 GELB	yellow	0,343	1
120008 ROT *	red	0,343	1
120008 WEISS	white	0,343	1

Electricians' protection helmets acc. to DIN EN 50365, Arc flash tested

⚡ 1000 V | Class 0



Art. No.	Col.	kg	PU
120041	red	0,370	1

Electricians' protection visor acc. to EN 166



Art. No.	kg	PU
150377	0,373	1

Electricians' safety face mask class II



Art. No.	kg	PU
120034	0,275	1

Electricians' protection visor acc. to EN 166



Art. No.	kg	PU
120010 *	0,275	1

Safety glasses acc. to EN 166



Art. No.	kg	PU
120087 *	0,031	1

Safety glasses acc. to EN 166



Art. No.	kg	PU
120088 *	0,029	1

Ear defenders acc. to EN 352



Art. No.	dB	Col.	kg	PU
120112	26	blue	0,184	1

Ear defenders acc. to EN 352



Art. No.	dB	Col.	kg	PU
120111	23	red	0,143	1

Ear muffs for helmet

Ear muffs including helmet holder, SNR 23 for all currently available protective helmets.



Art. No.	dB	Col.	kg	PU
120116	23	green	0,184	1

Ear protection plugs



Art. No.	dB	Col.	kg	PU
120115	38	blue	0,010	1

Dust masks



Art. No.	FFP	kg	PU
120120	FFP1	0,010	1
120122	FFP2	0,014	1

Electricians' boots acc. to EN 50321 Class 0



Art. No.	size	Col.	kg	PU
120014	42	white	2,160	1
120015	43	white	2,235	1
120016	44-45	white	2,400	1
120017	46	white	2,550	1
120018	47	white	2,160	1

Security bag, empty



Art. No.	H	W	D	kg	PU
300420	600	390	50	0,680	1

Safety-sets VDE/GS

Content:

- 300420
- 120007*
- 120008 ROT
- 120010
- 120012
- 120030



Art. No.	set	kg	PU
300228 *	6	6,860	1
300229	5 without mat	3,480	1

SysCon XL „SafetySet“



Content:

- 220650
- 120007*
- 120008 ROT
- 120010
- 120012



Art. No.	set	empty	kg	PU
220652	5	220650	6,620	1

Climping irons acc. to DIN 48 345

wide counter



Art. No.	kg	PU
150280	4,050	1

Safety belts acc. EN 358



Art. No.	l	kg	PU
150240	1,5 m	1,210	1

Fallstop acc. to EN 354



Art. No.	l	kg	PU
150274	2 m	1,090	1

Travelling safety device DIN 353-2, Type ASK 1



Art. No.	Ø	l	kg	PU
150275	12	5 m	1,953	1
150276	12	10 m	2,482	1
150277	12	15 m	3,062	1
150278	12	20 m	3,174	1
150279	12	25 m	3,675	1

Safety harness DIN EN 361



Art. No.	kg	PU
150270	1,614	1

Personal safety set



Art. No.	set	kg	PU
150258	4	4,961	1

Safety tools

Insulating floor mats acc. to IEC-61111

with anti-skid surfaces, colour: grey,
art: 120030, 120031 = Class 2 / 17.000 Volt
art: 120033 = Class 4 / 36.000 Volt



Art. No.	KV	l	W	ST	kg	PU
120030 *	17	1000	1000	3	3,754	1
120031	17	10000	1000	3	33,000	1
120033	36	10000	1000	4,5	63,800	1

Isolating magnetic rubber towels

1000V



Art. No.	l	W	ST	WSTmagn.	kg	PU
120160	300	500	1	6	0,037	1
120162	500	700	1	12	0,037	1
120164	300	700	1	8	0,037	1
120166	1100	1100	1	20	0,037	1

VDE magnet for rubber cloth

1000V



Art. No.	l	W	ST	WST magn.	kg	PU
120168	70	70	1	1	0,037	1

Rubber towels acc. to VDE 0680/1

1000V



Art. No.	l	W	ST	kg	PU
120040	120	120	1,6	0,037	1
120042	350	250	1,6	0,193	1
120044	600	600	1,6	1,000	1
120046 *	1000	1000	1,6	2,485	1
120048	1200	1200	1,6	3,200	1

Covering blankets transparent



Art. No.	l	W	ST	kg	PU
120200	50000	1300	0,5	41,500	1
150322	25000	1200	1	38,000	1

Covering blankets transparent



Art. No.	l	W	ST	kg	PU
150302	1000	600	1	0,750	1
150304	1000	600	0,5	0,332	1
150306	1000	400	1	0,520	1
150308	1000	400	0,5	0,260	1
150310	1000	300	1	0,380	1
150312	1000	300	0,5	0,190	1
150314	600	400	1	0,340	1
150316	600	400	0,5	0,171	1
150318	400	300	1	0,170	1
150320	400	300	0,5	0,100	1

Plastic clips 1000 V



Art. No.	l	Ø	kg	PU
120049	80	25	0,029	1
120050 *	160	40	0,069	1

Self adhesive PVC tape



Art. No.	l	Col.	kg	PU
120095	10000	grey	0,192	1
120096	10000	red	0,190	1

Slip on bushes 1000 V

1000 V IEC 60900



Art. No.	l	Ø	No.	kg	PU
120060 *	80	10	1	0,008	1
120062	80	10	2	0,008	1
120064	80	10	3	0,008	1

Slip on bushes 1000 V

1000 V IEC 60900



Art. No.	l	Ø	kg	PU
120070	75	10	0,011	1
120072	100	20	0,024	1
120074	120	30	0,0458	1
120071	135	40	0,372	1
120069	155	50	0,172	1
120073	150	60	0,144	1

Working under tension

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Insulator cover for gable insulators 1000 V



⚠ 1000 V IEC 60900

Art. No.	↔	W	kg	PU
120079	245	270	0,900	1

Insulator cover for gable insulators 1000 V



⚠ 1000 V IEC 60900

Art. No.	↔	W	kg	PU
120089	115	270	1,100	1

Insulating and protecting covers 1000 V



⚠ 1000 V IEC 60900

Art. No.	↔	kg	PU
120057	80	0,400	1
120059	300	0,775	1

NH-protecting caps 1000 V



⚠ 1000 V IEC 60900

Art. No.	↔	W	kg	PU
120058	315	170	0,390	1

NH-protecting caps 1000 V



⚠ 1000 V IEC 60900

Art. No.	↔	W	kg	PU
120077	170	140	0,155	1
120078	255	135	0,205	1

Lockout/Tagout & access control systems

Security lock hasp-Ø 4.7 mm

Contents: 1 key (1 operator = 1 padlock = 1 key)

NEW



Art. No.	Ø	W	H	kg	PU
120155	4,76	35	86	0,0951	1

Security lock hasp-Ø 6 mm

Contents: 1 key (1 operator = 1 padlock = 1 key)

NEW



Art. No.	Ø	W	H	kg	PU
120156	6	38	82	0,0951	1

Lockout hasp made of aluminium

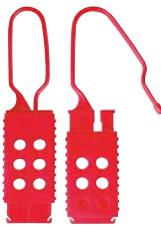
NEW



Art. No.	Ø	kg	PU
120157	6	0,045	1

Lockout hasp made of plastic

NEW



Art. No.	Ø	kg	PU
120158	6	0,0272	1

Safety lockout for circuit breakers

NEW



Art. No.	Ø	kg	PU
120159	6	0,021	1

Lockout for standard circuit breakers

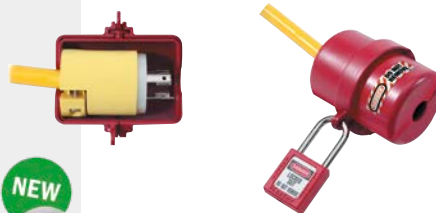
NEW



Art. No.	Ø	kg	PU
120170	6	0,068	1

Lockout device for 120 - 240 V plugs

NEW



Art. No.	Material	kg	PU
120171	Plastic	0,0997	1

Lockout device for 16 - 32 A CEE plugs

NEW



Art. No.	Material	kg	PU
120172	Plastic	0,1993	1

Adjustable multi-lock cable

NEW



Art. No.	Ø	kg	PU
120173	6	0,2265	1

Security lockout set

NEW



Art. No.	set	kg	PU
120174	9	0,506	1

Sign "Do not operate" | English

Lockout tags in English (each bag contains 12 tags)

NEW



Art. No.	W	kg	PU
120175	146	0,118	1

Sign "Do not operate" | German

Lockout tags in German (each bag contains 12 tags)

NEW



Art. No.	W	kg	PU
120176	146	0,118	1

Sign "Do not operate" | Spanish

Lockout tags in Spanish (each bag contains 12 tags)

NEW



Art. No.	W	kg	PU
120177	146	0,118	1

Working under tension

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Sealing pliers and accessories

Sealing pliers



Art. No.	↔	∅	kg	PU
210700 *	125	8	0,243	1
210702	145	9	0,316	1
210704	165	10	0,448	1

Dies for sealing pliers



Art. No.	∅	kg	PU
210710	8	0,004	1
210712	9	0,004	1
210714	10	0,006	1

Engraving for sealing pliers

Special engraving on request

Art. No.		PU
210731	up to 3 letters	1
210732	every further letter	1
210733	every border	1

Lead seals



Art. No.	∅	Quant. per kg	kg	PU
150340	8	850	1,080	1
150342	9	600	1,110	1
150344	10	400	1,010	1

Plastic seals



Art. No.	∅	kg	PU
150343 *	9	0,00020	1000
150345	10	0,00030	1000

Seal wire



Art. No.	↔	∅1	∅2	kg	PU
150360 *	115 m	0,5	0,5	0,532	1
150362	230 m	0,5	0,5	1,041	1
150364	190 m	0,5	0,3	0,530	1
150366	380 m	0,5	0,3	1,035	1
150368	300 m	0,3	0,3	0,533	1
150370	600 m	0,3	0,3	1,037	1

Plastic seal wire



Art. No.	↔	∅1	∅2	kg	PU
150375 BLAU	100 m	0,5	0,6	0,199	1
150375 GRÜN	100 m	0,5	0,6	0,220	1
150375 ROT	100 m	0,5	0,6	0,207	1

Accessories

Parallel rope tension clamps



Art. No.	mm ²	∅	load	kg	PU
130064	6 - 35	3 - 8	1000	0,890	1
130066	16 - 70	4 - 12	1400	1,262	1
130068	50 - 100	8 - 16	2500	1,920	1

Tackle blocks



Art. No.	↔	∅	load	kg	PU
130004	50	8	200	1,820	1
130006	60	10	250	1,700	1

Hemp tackle block ropes



Art. No.	↔	∅	kg	PU
130042	20000	8	0,950	1
130044	20000	10	1,519	1

Screwdrivers

Electricians' screwdrivers Slot



Art. No.	SB	KSt	BL	kg	PU	
101604 *	2,5	0,4	75	160	0,027	1
101606	4	0,8	100	195	0,051	1
101608	4	0,8	125	220	0,054	1
101610	5	1	150	245	0,067	1
101612	5	1	175	270	0,069	1
101614	5	1	200	295	0,074	1

Engineers' screwdrivers Slot



Art. No.	SB	KSt	BL	kg	PU	
101640	5	0,4	75	170	0,056	1
101642 *	6	1,2	100	205	0,090	1
101644	7	1,2	125	230	0,109	1
101646	8	1,2	150	270	0,160	1
101648	9	1,6	175	295	0,170	1
101650	10	1,6	200	320	0,238	1

Cross slotted screwdrivers Phillips



Art. No.	size	BL	kg	PU	
101684	0	60	145	0,032	1
101686	1	80	175	0,055	1
101688 *	2	100	205	0,087	1
101690	3	150	270	0,161	1

Cross slotted screwdrivers Pozidriv



Art. No.	size	BL	kg	PU	
102612	1	80	175	0,055	1
102614 *	2	100	205	0,088	1
102616	3	150	270	0,160	1

Screwdrivers Tx



Art. No.	size	BL	kg	PU	
101229/6	6	100	185	0,036	1
101230	8	100	185	0,036	1
101200	9	100	185	0,036	1
101202	10	100	195	0,057	1
101204	15	100	195	0,054	1
101206	20	100	195	0,058	1
101208	25	125	195	0,064	1
101210	27	125	230	0,093	1
101211	30	150	255	0,093	1

Screwdrivers Square



Art. No.	size	BL	kg	PU	
103130	0	60	145	0,032	1
103132	1	80	175	0,055	1
103134	2	100	205	0,087	1
103136	3	150	270	0,161	1

Screwdriver set Tx

Content:

- 101202
- 101204
- 101206
- 101208
- 101211



Art. No.	Fo.	set	kg	PU
101212/S *	TX	5	0,337	1

Screwdrivers - blade PCV covered

Electricians' screwdrivers Slot

blade PCV covered



Art. No.	SB	KSt	BL	kg	PU	
101520 *	2,5	0,4	75	160	0,027	1
101521	3	0,5	100	195	0,030	1
101522	4	0,8	100	195	0,051	1
101524	4	0,8	125	220	0,054	1
101526	5	1	150	245	0,068	1
101528	5	1	175	270	0,072	1
101530	5	1	200	295	0,078	1

Engineers' screwdrivers Slot

blade PCV covered



Art. No.	SB	KSt	BL	kg	PU	
101532	5	1	75	170	0,057	1
101534	6	1,2	100	205	0,091	1
101536	7	1,2	125	230	0,114	1
101538	8	1,2	150	270	0,146	1
101540	9	1,6	175	295	0,210	1
101541	10	1,6	200	320	0,214	1

Cross slotted screwdrivers Phillips

blade PCV covered



Art. No.	size	BL	kg	PU	
101542	0	60	145	0,032	1
101544	1	80	175	0,059	1
101546 *	2	100	205	0,091	1
101548	3	150	270	0,147	1

Cross slotted screwdrivers Pozidriv

blade PCV covered



Art. No.	size	BL	kg	PU	
101550	1	80	175	0,056	1
101552 *	2	100	205	0,088	1
101554	3	150	270	0,146	1

Screwdriver set

blade PCV covered

- ### Content:
- 101520
 - 101524
 - 101534
 - 101536
 - 101544
 - 101547



Art. No.	Fo.	set	kg	PU
101560	PH	6	0,431	1

Screwdriver set

blade PCV covered

- ### Content:
- 101520
 - 101524
 - 101534
 - 101536
 - 101550
 - 101553



Art. No.	Fo.	set	kg	PU
101562	PZ	6	0,429	1

Screwdrivers

Stubby gasifier screwdrivers



Art. No.	SB	BL	kg	PU	
103120	6	30	80	0,050	1
103122	8	40	90	0,051	1

Stubby gasifier cross slot screwdrivers Phillips



Art. No.	size	BL	kg	PU	
103080	1	30	80	0,051	1
103082	2	40	90	0,051	1

Piercing awls



Art. No.	Fo.	ØBL	BL	kg	PU
103470	○	6	100	0,083	1
103472	□	6	100	0,085	1

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Socket wrenches

Socket wrenches



Art. No.	⌀	BL	↔	kg	PU
101484	5	125	220	0,105	1
101486	5,5	125	220	0,107	1
101488	6	125	220	0,110	1
101490	7	125	230	0,113	1
101492	8	125	230	0,115	1
101494	9	125	230	0,120	1
101496	10	125	230	0,124	1
103498	11	125	245	0,111	1
101500	12	125	245	0,165	1
101502	13	125	245	0,171	1

Socket wrenches set

Content:

- 101484
- 101486
- 101490
- 101492
- 101496
- 103498
- 101502



Art. No.	set	kg	PU
101510	7	0,898	1

HAUPA replaceable blade system

Industrial screwdriver set „Vario S2“ with replaceable dual blades.

Blade types:

- Slotted 3, 4, 5, 7
- Phillips 0, 1, 2, 3
- Pozidriv 0, 1, 2, 3
- Tx 10, 15, 20, 25
- Hexagonal 2, 3, 4, 5



Art. No.	set	kg	PU
104008-1	11	1,060	1

HAUPA replaceable blade system „VarioTQ“

„VarioTQ“ dynamometric screwdriver with replaceable blades

VarioTQ



Art. No.	Fo.	Nm	kg	PU
103000-1	Mix	1 - 6	0,835	1
103002-1	Mix	0,5 - 3,5	0,835	1

„VarioTQ“ nylon bag - empty



Art. No.	W	H	D	kg	PU
103034-1	250	135	30	0,080	1

Exchangeable „VarioTQ“ handle



Art. No.	↔	Nm	kg	PU
103070	125	1 - 6	0,350	1
103072	125	0,5 - 3,5	0,350	1

Square socket key



Art. No.	Fo.	BL	CW	kg	PU
102784	SQ	40	8	0,050	1

Replaceable blade - slotted blade

VarioTQ



Art. No.	Fo.	KB	BL	kg	PU
103010	SL	3 + 4	175	0,040	1
103012	SL	5,5 + 6,5	175	0,040	1

Replaceable blade - Phillips blade

VarioTQ



Art. No.	Fo.	size	BL	kg	PU
103014	PH	0 + 1	175	0,040	1

Replaceable blade - pozidrive blade

VarioTQ



Art. No.	Fo.	size	BL	kg	PU
103016	PZ	0 + 1	175	0,040	1

Replaceable blade - Phillips blade/pozidrive blade

VarioTQ



Art. No.	Fo.	size	BL	kg	PU
103018	PH + PZ	2 + 2	175	0,040	1

Replaceable blade - pozidrive blade/slotted

VarioTQ



Art. No.	Fo.	size	BL	kg	PU
103028	PZ/FL	1 + 2	175	0,040	1

Replaceable blade - torx blade

VarioTQ



Art. No.	Fo.	size	BL	kg	PU
103020	TX	10 + 15	175	0,040	1
103022	TX	20 + 25	175	0,040	1

Replaceable blade - hex blade

VarioTQ



Art. No.	Fo.	size	BL	kg	PU
103024	HEX	2 + 3	175	0,040	1
103026	HEX	4 + 5	175	0,040	1

Replaceable blade - Square

VarioTQ



Art. No.	Fo.	size	BL	kg	PU
103030	SQ	0 + 2	175	0,040	1
103032	SQ	1 + 3	175	0,040	1

Replacement blades suitable for the "VarioTQ" and "Vario S2" systems

Electronic screwdrivers

ESD electronic screwdrivers

Blade made from chrome molybdenum vanadium steel, chromed with black tip, slotted



Art. No.	SB	KSt	BL	kg	PU
100704	0,8	0,2	60 150	0,023	1
100250	1	0,4	50 150	0,014	1
100704 A	1,2	0,2	60 150	0,021	1
100241	2,5	0,4	60 150	0,015	1
100243	3,5	0,5	100 150	0,018	1
100252	1,6	0,4	50 150	0,014	1
100257	2	0,5	50 150	0,015	1
100259	2,4	0,4	75 175	0,017	1
100261	3	0,4	100 200	0,020	1

ESD electronic screwdrivers

Blade made from chrome molybdenum vanadium steel, chromed with black tip, Tx/S-Tx



Art. No.	Fo. size	BL	kg	PU
100741	TX 4	50 150	0,017	1
100742	TX 5	50 150	0,018	1
100718 A	TX 6	50 150	0,018	1
100720	S-TX 7	50 150	0,014	1
100721	S-TX 8	50 150	0,018	1
100712	S-TX 9	50 150	0,018	1
100713	S-TX 10	50 150	0,016	1
100723	S-TX 15	50 150	0,020	1
100734	S-TX 20	50 150	0,020	1

ESD electronic screwdrivers

Blade made from chrome molybdenum vanadium steel, chromed with black tip, hexagonal



Art. No.	size	BL	kg	PU
100728	1,5	50 150	0,014	1
100729	2	50 150	0,015	1
100729 A	2,5	50 150	0,017	1
100736	3	50 150	0,020	1

ESD electronic screwdrivers

Blade made from chrome molybdenum vanadium steel, chromed with black tip, cross recess (Phillips)



Art. No.	size	BL	kg	PU
100714	000	50 150	0,015	1
100715	00	50 150	0,022	1
100716	0	50 150	0,024	1
100249	1	50 150	0,017	1

ESD electronic screwdrivers

Blade made from chrome molybdenum vanadium steel, chromed with black tip, Tri-Wing



Art. No.	size	BL	kg	PU
100738	Tri 2,4	50 150	0,017	1

ESD electronic screwdriver set

Content: 1 ESD electronic screwdriver each 1.6 x 50, 2.0 x 50, 2.4 x 50, 3.0 x 50 and 1 Phillips size 1.0 and 00 x 50 each



Art. No.	set	kg	PU
104010	7	0,225	1

HAUPA Electronic screwdriver set standard

Content: 1 Electricians' screwdriver size 1.6 x 50, 2.0 x 50, 2.4 x 50, 3.0 x 50 and 1 Phillips size 1, 0 and 00 x 50



Art. No.	set	kg	PU
104000 *	7	0,221	1

Electronic screwdriver set

Content: 4 x hex head 3, 4, 5, 6 and 8 exchangeable screwdriver blades (slot/Phillips/Tx /hex head)



Art. No.	set	kg	PU
104004	13	0,288	1

Electronic screwing bit set

Content: 1 bitholder, 2 nuts of 5 + 6 mm, 30 bits for slot/Phillips/Pozidriv/Tx/hex head: 4 Bits PH 000, 00, 0, 1 2 Bits PZ 0, 1 7 Bits Slot 1, 1.5, 2, 2.5, 3, 3.5, 4 8 Bits Hex 0.7, 0.9, 1.3, 1.5, 2, 2.5, 3, 4 9 Bits Tx 4, 5, 6, 7, 8, 9, 10, 15, 20



Art. No.	set	kg	PU
104002 *	34	0,230	1

Precision screwdrivers

Claw retrievers



Art. No.	kg	PU
100366	0,060	1

Checking mirrors



Art. No.	kg	PU
100680	0,028	1

Magnetic retriever



Art. No.	kg	PU
100694	0,097	1

Allen keys

Allen keys set

chrome vanadium steel, (59 Cr-Mo-V 4), DIN 911, chrome plated, on key ring.

Content:

size 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10



Art. No.	set	kg	PU
100640 *	2 - 10	8	0,250

Allen keys set

chrome vanadium steel, (59 Cr-Mo-V 4), im metal clip, key bronzed, DIN 911.

Content:

Art. 100633: 1,5-2,5-3-4-5-6-8 mm
Art. 100634: 2,5-3-4-5-6-8-10 mm



Art. No.	set	kg	PU
100633	1,5 - 6	7	0,145
100634	2,5 - 10	7	0,335

Allen keys set

Content: size 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10



Art. No.	set	kg	PU
100585	2 - 10	8	0,303

Ball point allen keys

Content: size 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10



Art. No.	set	kg	PU
100915	2 - 10	8	0,301

Allen keys set Tx

Content: TX 9 - 10 - 15 - 20 - 25 - 27 - 30 - 40



Art. No.	size	set	kg	PU
100941	TX9 - 40	8	0,205	1

Hexagon screwdriver set T-handle, with spherical head

Content: size 2, 2,5, 3, 4, 5, 6, 8, 10



Art. No.	set	kg	PU
100961	2 - 10	8	0,860

Hexagon angle screwdriver set, with spherical head

Content: size 1,5, 2, 2,5, 3, 4, 5, 6, 8, 10



Art. No.	set	kg	PU
100921 *	1,5 - 10	9	0,301

Hexagon angle screwdriver set, with spherical head

Content: Hex 1.5 / 2 / 2,5 / 3 / 4 / 5 / 6 / 8 / 10
Hex 1/16 - 5/64 - 3/32 - 1/8 - 5/32 - 3/16 - 1/4 - 5/16 - 3/8"



Art. No.	set	kg	PU
100965 *	1,5 - 10	9	0,303
100967	1/16" - 3/8"	9	0,303

Hexagon angle screwdriver set, with spherical head

Content: Hex 1.5, 2, 2.5, 3, 4, 5, 6, 8, 10



Art. No.	set	kg	PU
100927	1,5 - 10	9	0,301

Allen keys DIN 911

chrome vanadium steel, (59 Cr-Mo-V 4), DIN 911, chrome plated



Art. No.	set	kg	PU
100590	1,5 45x14	0,008	1
100592	2 50x16	0,025	1
100594	2,5 56x18	0,034	1
100596	3 63x20	0,040	1
100598	4 70x25	0,080	1
100600	5 80x28	0,190	1
100602	6 90x32	0,280	1
100606	8 100x36	0,580	1
100610	10 112x40	0,990	1
100612	12 125x45	0,160	1
100614	13 132x50	2,020	1

Ball point allen keys

chrome vanadium steel, (59 Cr-Mo-V 4), DIN 911, chrome plated



Art. No.	set	kg	PU
100902	2,5 56x18	0,003	1
100903	3 63x20	0,005	1
100904	4 70x25	0,011	1
100905	5 80x28	0,019	1
100906	6 90x32	0,029	1
100908	8 100x36	0,058	1
100909	10 112x40	0,102	1

Voltage testers

Voltage tester 120-250 V



Art. No.	TMA	BL	kg	PU
100646	120 - 250	50x3	140	0,020
100647 *	120 - 250	50x3	140	0,016
100648	120 - 250	100x3,5	190	0,037
100649	120 - 250	100x3,5	190	0,032

Voltage tester



Art. No.	TMA	BL	kg	PU
100645	120 - 250	50x3	140	0,016

Voltage tester VDE/GS



Art. No.	TMA	kg	PU
100700 *	125 - 250	190	0,036

Ratchet screwdriver, bits

Screwdriver bits

(1 box = 10 bits = 1 PU)



Art. No.	size	kg	PU
102110	0,6x4,5	50	0,104
102112	0,8x5,5	50	0,115

Screwdriver bits



Art. No.	size	kg	PU
102152	PH 1 25	0,062	10
102154	PH 2 25	0,067	10
102114	PH 1 50	0,105	10
102116	PH 2 50	0,124	10
102166	PH 2 90	0,097	10
102172	PH 1 150	0,251	10
102174	PH 2 150	0,358	10

Screwdriver bits, reduced



Art. No.	size	kg	PU
102155	2 25	0,064	10

Screwdriver bits



Art. No.	size	kg	PU
102176	PZ 1 25	0,062	10
102178 *	PZ 2 25	0,065	10
102118	PZ 1 50	0,107	10
102120	PZ 2 50	0,123	1
102188	PZ 1 90	0,179	1
102190	PZ 2 90	0,231	1
102198	PZ 2 150	0,360	1

Screwdriver bits Tx



Art. No.	size	kg	PU
102200	TX 15 25	0,061	1
102204	TX 25 25	0,065	1
102124	TX 20 50	0,110	1
102126	TX 25 50	0,112	1

Bits for PZ slot profile

Screwdriver bits (1 box = 2 bits = 1 PU)



Art. No.	size	kg	PU
101874	1 60	0,012	1
101876	2 60	0,013	1
101880	1 90	0,045	1
101882	2 90	0,046	1

Magnetic holder



Art. No.	kg	PU
102130	0,056	1

SDS magnetic holder



Art. No.	kg	PU
102131	0,045	1

Magnetic holder



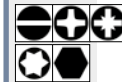
Art. No.	kg	PU
102132	0,045	1
102134	0,040	1

„BitBox“, 25 mm, 17-pieces



Content:

Screwdriver bits, form E 6.3, shank 1/4", 25 mm;
slotted 4,0 (0,5), 5,0 (0,8), 5,0 (1,0), 6,0 (1,0);
PH 1, PH 2, PH 3;
PZ 1, PZ 2, PZ 3;
T 10, T 15, T 20, T 25;
hexagon 4,0, 5,0, 6,0;
Magnetic holder 60 mm



Art. No.	set	kg	PU
102210 *	17 Bit = 25 mm	0,170	1

„BitBox S“, 50 mm, 7-pieces



Content:

1 bit PH 1, 2
1 bit PZ 1, 2
1 bit PZ/FL 1, 2
1 bit Slot 4



360° | 102216



Art. No.	set	kg	PU
102216	7 Bit = 50 mm	0,105	1

haupa®

... convincing solutions

HAUPA „BitBox+“

BitBox+

Content:

- 1/4" 25 mm Power bits PH: 2x 0, 2x 1, 4x 2, 2x 3
- 1/4" 25 mm Power bits PZ: 2x 0, 2x 1, 4x 2, 2x 3
- 1/4" 25 mm Power bits TX: T10, T15, T20, T25
- 1/4" 25 mm Power bits HEX: H3, H4, H5, H6
- 1/4" 25 mm Power bits R: 1, 2, 3



Art. No.	set	kg	PU
102212	32 Bit = 25 mm	0,540	1

Ratchet screwdriver „FlexPlus“, for all bits

FlexPlus



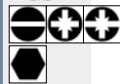
Art. No.	kg	PU
104009	Bit > 25 mm	0,111 1

Ratchet screwdriver set „FlexBox“

FlexBox

Content:

- 1/4" 50 mm Power bits SL: 4, 6
- 1/4" 50 mm Power bits PZ: 1, 2
- 1/4" 50 mm Power bits PZ/FL 1 + 2
- 1/4" 50 mm Power bits Hex: H5, H6
- 1 pc of „FlexPlus“ ratcheting driver



Art. No.	set	kg	PU
104030	9 Bit = 50 mm	0,410	1

Ratchet screwdriver set „Flex“

Flex

Advantages:

- Ratchet function
- Left/clockwise rotation adjustable
- Bending bar: 0°- 45°- 90°
- Ergonomic working within restrained ranges
- S2 steel industry bit for nearly all applications
- 2-components handle
- 55 bits 1/4" 25 mm and 1 adapter for 1/4" nut



Art. No.	set	kg	PU
104006 *	58 Bit = 25 mm	0,810	1

Ratchet screwdriver set „FlexBag“ with 50 mm S2 bits and reduced shank

FlexBag

Content:

- 1/4" 50 mm Power bits Tx: T5, T6, T7, T8, T9, T10, T15, T20, T25, T30, T40
- 1/4" 50 mm Power bits Hex (hole): H2, H2.5, H3, H4, H5, H6
- 1/4" 50 mm Power bits PH: 0, 1, 2, 3
- 1/4" 50 mm Power bits PZ: 0, 1, 2, 3
- 1/4" 50 mm Power bits slot: 3, 4, 5, 6, 7, 8
- 1/4" 50 mm Power bits SQ: 0, 1, 2, 3
- 1/4" 50 mm Power bits Tri-Wing: 1, 2, 3
- 1/4" 50 mm Power bits PZ/FL 1, 2
- Above bits are in reduced shank except T40, H6, flat: 6, 7, 8 in full hex shank
- 2 pcs. Adapters: 1/4" 50 mm, 1/4" 80 mm
- 8 pcs. sockets: 5, 5.5, 6, 7, 8, 10, 12, 13
- 1 pc of „FlexPlus“ ratcheting driver



Art. No.	set	kg	PU
104020-1 *	51 Bit = 50 mm	0,810	1

Ratchet screwdriver set „FlexBagPro“

FlexBag

Content:

- 1/4" 50 mm torsion bits S-TX (hole), color coded: T10, T10, T15, T15, T20, T25, T27, T30, T40
- 1/4" 50 mm torsion bits Hex, color coded: H3, H4, H5, H6
- 1/4" 50 mm torsion bits PH, color coded: 1, 2, 2, 3
- 1/4" 50 mm torsion bits PZ, color coded: 1, 2, 2, 2
- 1/4" 50 mm torsion bits slot, color coded: 3, 4, 4, 5, 6
- 1/4" 50 mm torsion bits SQ, color coded: 1, 2, 3
- 1/4" 50 mm standard bits PZ/FL: 1, 1, 2, 2
- 1/4" 50 mm standard bits PH/FL: 1, 1, 2, 2
- 8 pcs. sockets: 5, 5.5, 6, 7, 8, 10, 12, 13
- 5 pcs. drills: 2, 3, 4, 5, 6
- 1 pc of „FlexPlus“ ratcheting driver



with colour coding



Art. No.	set	kg	PU
104022-1	51 Bit = 50 mm	0,810	1



Spanners

Double ended spanners acc. to DIN 3110

chrome plated



Art. No.	↕	ST	↔	kg	PU
110090	6 - 7	3,2	120	0,0214	1
110092	8 - 9	3,5	140	0,0356	1
110094	10 - 11	4	157	0,050	1
110096	12 - 13	4,5	172	0,071	1
110100	14 - 15	5	190	0,100	1
110104	16 - 17	5,5	205	0,144	1
110108	18 - 19	6	223	0,182	1
110112	21 - 23	7	250	0,239	1
110114	24 - 26	7	250	0,273	1
110120	27 - 32	8,2	302	0,519	1

Double ended spanners set acc. to DIN 3110

chrome plated



Art. No.	↕	set	kg	PU
110130	6 - 22	8	1,026	1
110132	6 - 32	12	2,353	1

Combination spanners similar to DIN 3113

chrome plated



Art. No.	↕	↔	kg	PU
110180	6	100	0,018	1
110182	7	110	0,023	1
110184	8	120	0,030	1
110186	9	130	0,032	1
110188	10	140	0,041	1
110190	11	150	0,053	1
110192	12	160	0,068	1
110194	13	170	0,075	1
110196	14	180	0,089	1
110198	15	190	0,096	1
110202	17	210	0,142	1
110204	18	220	0,134	1
110206	19	230	0,185	1
110212	22	260	0,263	1
110216	24	280	0,333	1
110222	27	310	0,407	1

Combination spanners similar to DIN 3113

chrome plated



Art. No.	↕	set	kg	PU
110250 *	6 - 22	12	1,271	1

Combination spanners similar to DIN 3113

chrome plated



Art. No.	↕	set	kg	PU
110252	6 - 27	16	1,948	1

Double ended ring spanners to DIN 838

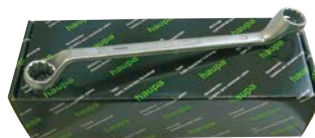
chrome plated



Art. No.	↕	↔	kg	PU
110140	6 - 7	170	0,035	1
110142	8 - 9	185	0,066	1
110144	10 - 11	205	0,075	1
110146	12 - 13	220	0,107	1
110148	14 - 15	240	0,154	1
110152	16 - 17	265	0,175	1
110154	18 - 19	280	0,297	1
110160	24 - 26	335	0,468	1
110164	27 - 32	370	0,611	1

Double ended ring spanner sets DIN 838

chrome plated



Art. No.	↕	set	kg	PU
110170	6 - 22	8	1,289	1
110172	6 - 32	12	3,575	1

Open-jawed ring wrench with ratch function

wrench size 8 - 9 - 10 - 12 - 13 - 14 - 17 - 19 mm



Art. No.	↕	set	kg	PU
110900 *	8 - 19	8	1,255	1

Open-jawed ring wrench with ratch function

chrome plated



Art. No.	↔	↕	kg	PU
110900/8	134	8	0,034	1
110900/9	152	9	0,056	1
110900/10	157	10	0,060	1
110900/12	167	12	0,079	1
110900/13	175	13	0,096	1
110900/14	190	14	0,120	1
110900/17	223	17	0,183	1
110900/19	245	19	0,200	1

Ratchet wrench 4 in 1

Sizes: 8 x 10 mm and 12 x 13 mm | 10 x 13 mm and 17 x 19 mm



Art. No.	↕	↔	kg	PU
110780	8-13	150	0,060	1
110782	10-19	200	0,060	1

„Flex“ hinged ratchet combination wrench set

WS: 8 - 9 - 10 - 12 - 13 - 14 - 17 - 19 mm



Art. No.	↕	set	kg	PU
110902	8 - 19	8	1,255	1

„Flex“ hinged ratchet combination wrench

chrome plated



Art. No.	↕	↔	kg	PU
110902/8	8	140	0,183	1
110902/9	9	148	0,183	1
110902/10	10	162	0,183	1
110902/12	12	175	0,183	1
110902/13	13	178	0,183	1
110902/14	14	190	0,414	1
110902/17	17	227	0,183	1
110902/19	19	246	0,183	1

Adjustable single-head wrench



Art. No.	⌀	↔	kg	PU
110590	6 - 19	150	0,410	1
110592 *	9 - 24	200	0,342	1
110594	10 - 29	240	0,410	1
110596	10 - 34	300	0,111	1

Adjustable single-head wrench with ratch function

Video 110583



Art. No.	⌀	↔	kg	PU
110583	6 - 19	150	0,160	1
110585	9 - 24	200	0,342	1

Express wrench M10



Art. No.	WS	↔	kg	PU
110798	17 - 19	223	0,111	1

Socket sets



Socket set



Art. No.	set	drive	kg	PU
110674 *	33	1/4"	1,051	1

Reversible ratchet 1/4"



Art. No.	drive	↔	kg	PU
110674/K	1/4"	140	0,118	1

Extension 1/4"



Art. No.	↔	drive	kg	PU
110700	50	1/4"	0,024	1
110701	100	1/4"	0,063	1

Flexible extension bar 1/4"



Art. No.	↔	drive	kg	PU
110702	100	1/4"	0,059	1

Sockets 1/4"



Art. No.	⌀	kg	PU
110703/4	4	0,010	1
110703/45	4,5	0,010	1
110703/5	5	0,010	1
110703/55	5,5	0,011	1
110703/6	6	0,011	1
110703/7	7	0,014	1
110703/8	8	0,012	1
110703/9	9	0,016	1
110703/10	10	0,016	1
110703/11	11	0,024	1
110703/12	12	0,024	1
110703/13	13	0,028	1

Sliding adapter 3/8" x 1/4"



Art. No.	kg	PU
110706	0,029	1

Spinner handle for screwdriver 1/4"



Art. No.	drive	kg	PU
110725	1/4"	0,064	1

Universal joint 1/4"



Art. No.	kg	PU
110726	0,024	1

Insert bit sockets PH 1/4"



Art. No.	size	kg	PU
110711	1	0,015	1
110727	2	0,015	1
110728	3	0,016	1

Insert bit sockets HEX 1/4"



Art. No.	⌀	kg	PU
110729	3	0,015	1
110747	4	0,015	1
110749	5	0,016	1
110754	6	0,017	1
110718	8	0,018	1

Insert bit sockets TX 1/4"



Art. No.	size	kg	PU
110719	10	0,013	1
110720	15	0,015	1
110721	20	0,015	1
110722	25	0,015	1
110723	27	0,015	1
110724	30	0,015	1

Insert bit sockets slot 1/4"



Art. No.	CW	kg	PU
110759	5,5	0,015	1
110760	4	0,014	1

Socket sets



Socket set



Art. No.	set	drive	kg	PU
110676	26	3/8"	2,309	1

Reversible ratchet 3/8"



Art. No.	↔	drive	kg	PU
110676/K	185	3/8"	0,260	1

Extension 3/8"



Art. No.	↔	drive	kg	PU
110731	20	3/8"	0,045	1
110733	75	3/8"	0,075	1
110735	150	3/8"	0,143	1

Sockets 3/8"



Art. No.	⌀	kg	PU
110737/6	6	0,019	1
110737/7	7	0,020	1
110737/8	8	0,021	1
110737/9	9	0,023	1
110737/10	10	0,023	1
110737/11	11	0,024	1
110737/12	12	0,024	1
110737/13	13	0,024	1
110737/14	14	0,031	1
110737/15	15	0,040	1
110737/16	16	0,035	1
110737/17	17	0,046	1
110737/18	18	0,061	1
110737/19	19	0,056	1
110737/20	20	0,066	1
110737/21	21	0,060	1
110737/22	22	0,078	1
110737/24	24	0,085	1

Spark plug sockets 3/8"



Art. No.	⌀	kg	PU
110738	16	0,092	1
110739	21	0,139	1



Sliding adapter 1/2" x 3/8"

1/2" 3/8"

3/8"



Art. No.	kg	PU
110741	0,070	1

Universal joint 3/8"

3/8"

3/8"



Art. No.	kg	PU
110745	0,067	1

3/8" internal hexagonal bolt set

U 3/8"

Sizes: 3 - 4 - 5 - 6 - 7 - 8 - 10, extra long 150 mm

3/8"



Art. No.	set	kg	PU
111737	7	0,019	1

Socket sets

1/2"

Socket set

1/2"

1/2"



Art. No.	set	drive	kg	PU
110677	25	1/2"	4,739	1

Reversible ratchet 1/2"

1/2"

1/2"



Art. No.	drive	kg	PU
110677/K	1/2"	0,560	1

Extension 1/2"

1/2"

1/2"



Art. No.	drive	kg	PU
110751	1/2"	0,137	1
110752	1/2"	0,200	1
110753	1/2"	0,388	1

Sockets 1/2"

1/2"

1/2"



Art. No.	kg	PU
110754/10	0,046	1
110754/11	0,051	1
110754/12	0,052	1
110754/13	0,053	1
110754/14	0,055	1
110754/15	0,052	1
110754/16	0,052	1
110754/17	0,060	1
110754/18	0,060	1
110754/19	0,066	1
110754/20	0,066	1
110754/21	0,080	1
110754/22	0,094	1
110754/24	0,100	1
110754/26	0,120	1
110754/27	0,150	1
110754/28	0,165	1
110754/30	0,177	1
110754/32	0,206	1

Spark plug sockets 1/2"

1/2"

1/2"



Art. No.	kg	PU
110755	0,092	1
110756	0,141	1

Sliding adapter 3/8" x 1/2"

3/8" 1/2"

1/2"



Art. No.	kg	PU
110757	0,069	1

Universal joint 1/2"

1/2"

1/2"



Art. No.	kg	PU
110758	0,152	1

Socket sets

„SocketFlex“ socket wrench box

1/4" 1/2"



Art. No.	set	drive	kg	PU
110672	59	1/4"+1/2"	4,500	1

Socket set

1/4" 1/2"

1/2" 1/4"



Art. No.	set	drive	kg	PU
110678 *	53	1/4"+1/2"	4,385	1

SysCon

SysCon

„SocketMax“ 1/2", 1/4"



1/2" 1/4" Flex2Plus



Art. No.	set	empty	kg	PU
220600	55	220370	4,300	1

Standard program

haupa®

... convincing solutions

Torque wrenches

Torque wrenches

1/4" TQ



Art. No.	drive	Nm	kg	PU
110607 *	1/4"	5 - 25	1,000	1

Torque wrenches

3/8" TQ



Art. No.	drive	Nm	kg	PU
110605	3/8"	5 - 50	1,000	1

Torque wrenches

3/8" TQ



Art. No.	drive	Nm	kg	PU
110608	3/8"	20 - 120	0,900	1

Torque wrenches

1/2" TQ



Art. No.	drive	Nm	kg	PU
110610	1/2"	20 - 120	1,500	1

Torque wrenches

1/2" TQ



Art. No.	drive	Nm	kg	PU
110609	1/2"	42 - 210	1,750	1

SysCon socket wrench set "Torque" 1/4"

SysCon



inclusive torque wrenches 1/4", 5 - 25 Nm

1/4" TQ



Art. No.	set	empty	kg	PU
220640	51	220370	4,300	1

SysCon socket wrench set "Torque" 1/2"

SysCon



inclusive torque wrenches 1/2", 20 - 120 Nm

1/2" TQ

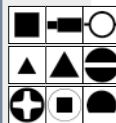


Art. No.	set	empty	kg	PU
220642	32	220370	7,950	1

Switch cabinet keys

Switch cabinet key, „HUPkey“ with converting bit

Not available in GB and FR!



Art. No.	kg	PU
110692	0,059	1

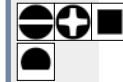
Switch cabinet key, „HUPkey“



Art. No.	kg	PU
110691	0,059	1

Converting bit for bleeding

Not available in GB and FR!



Art. No.	kg	PU
110693	0,059	1

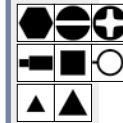
Universal switch cabinet key with crescent, „HUPkey“



Art. No.	kg	PU
110697	0,111	1

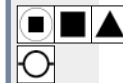
Spanners for switch cabinet key, „HUPkey Uni“

Not available in GB and FR!



Art. No.	kg	PU
110698	0,059	1

Spanners for switch-cabinets, „HUPkey“



Art. No.	size	kg	PU
110696 *	72 x 72	0,059	1

Pliers Black Line

Combination pliers DIN ISO 5746

leveraged, perfected cutting force performance



Art. No.	↔	soft	hard	kg	PU
210052	160	4	2	0,197	1
210053 *	180	4	2,2	0,286	1
210054	200	4,2	2,5	0,410	1

Side cutters DIN ISO 5749

leveraged, perfected cutting force performance



Art. No.	↔	soft	hard	kg	PU
210067	140	4	1,8	0,172	1
210068 *	160	4	2	0,237	1
210069	180	4	2	0,237	1

Heavy duty side cutters DIN ISO 5749

leveraged, perfected cutting force performance



Art. No.	↔	soft	hard	kg	PU
210156	160	4	2,7	0,264	1
210157	180	4	2,7	0,264	1

Heavy duty side cutters DIN ISO 5749

leveraged, perfected cutting force performance



Art. No.	↔	soft	hard	kg	PU
210158 *	200	4,2	3	0,326	1

Long flat nose pliers DIN ISO 5745



Art. No.	↔	kg	PU
210313	160	0,155	1

Long round nose pliers DIN ISO 5745



Art. No.	↔	kg	PU
210350	160	0,153	1

Long chain nose pliers DIN ISO 5745

leveraged, perfected cutting force performance



Art. No.	↔	kg	PU
210394	170	0,154	1
210396 *	200	0,253	1

Long chain nose pliers DIN ISO 5745

leveraged, perfected cutting force performance



Art. No.	↔	Fo.	kg	PU
210397	160	45°	0,251	1
210398 *	200	45°	0,251	1

Wire stripping pliers



Art. No.	↔	mm ²	kg	PU
210644	175	0,2 - 6	0,196	1

Water pump pliers DIN ISO 8976



Art. No.	↔	kg	PU
210584	240	0,368	1

Water pump pliers DIN ISO 8976



Art. No.	↔	kg	PU
210616	170	0,185	1
210617 *	240	0,330	1
210618	300	0,545	1

Pliers wrench



Art. No.	↔	⌀	kg	PU
210615	180	36	0,111	1
210619	260	50	0,368	1

Pliers set

Content:

- 210053
- 210068
- 210396
- 210644



Art. No.	set	kg	PU
220128	4	1,044	1

Pliers set

Content:

- 210053
- 210157
- 210396
- 210644



Art. No.	set	kg	PU
220129	4	1,082	1



High leverage | perfected cutting force performance

High leverage pliers offer power saving of up to 50%.

Special pliers

Grip pliers



Art. No.	Length	Opening	kg	PU
210556	250	0 - 40	0,518	1

Grip pliers



Art. No.	Length	Opening	kg	PU
210562	250	0 - 40	0,565	1

Pipe wrenches



Art. No.	Length	Opening	tube	kg	PU
210592	320	0 - 45	1"	0,798	1
210594	435	0 - 59	1 1/2"	0,800	1
210596	560	0 - 76	2"	2,460	1

Riveting pliers



Art. No.	Length	kg	PU
210770	250	0,552	1

Riveting tool set



Art. No.	Length	kg	PU
210776	250	0,840	1

Electronic pliers

Tweezers



Art. No.	Length	kg	PU
211080	130	0,017	1

Microelectronic side cutters

without cutting-facet, clearance angle: 50°,
with clip, for soft wires up to 0,8 mm²



Art. No.	Length	kg	PU
211708	118	0,069	1

Microelectronic side cutters

without cutting-facet, clearance angle: 21°,
with clip, for soft wires up to 1,3 mm²



Art. No.	Length	kg	PU
211720 *	132	0,086	1
211722	158	0,087	1

ESD electronic pliers

ESD Electronic needle nose pliers

with wire cutter, special tool steel



Art. No.	Length	kg	PU
211850	130	0,091	1

ESD Electronic needle nose pliers, 45° angle

with wire cutter, special tool steel



Art. No.	Length	Fo.	kg	PU
211852	130	45°	0,089	1

ESD Electronic needle nose pliers

straight construction, special tool steel



Art. No.	Length	kg	PU
211854	130	0,082	1

ESD Electronic needle nose pliers, 45° angle

45° angle, special tool steel



Art. No.	Length	Fo.	kg	PU
211856	130	45°	0,081	1

ESD Electronic thin needle nose pliers, 45° angle 

45° angle, special tool steel



Art. No.	l	Fo.	kg	PU
211860	140	45°	0,084	1

ESD Electronic thin needle nose pliers 

straight construction, special tool steel



Art. No.	l	kg	PU
211862	150	0,087	1

ESD Electronic thin needle nose pliers, 45° angle 

45° angle, special tool steel



Art. No.	l	Fo.	kg	PU
211864	150	45°	0,087	1

ESD Electronic flat nose pliers 

special tool steel



Art. No.	l	kg	PU
211866	130	0,090	1

ESD Electronic round nose pliers 

straight construction, special tool steel




Art. No.	l	kg	PU
211868	130	0,091	1

ESD Electronic side cutter 

normal construction, head width 14 mm, special tool steel



Art. No.	l	kg	PU
211870 *	115	0,078	1

ESD Electronic side cutters 

slim construction, head width 10 mm, special tool steel



Art. No.	l	kg	PU
211872	110	0,075	1

ESD Electronic side cutter without cutting-facet 

normal construction, head width 14 mm without chamfer, special tool steel



Art. No.	l	kg	PU
211875 *	115	0,075	1

ESD Electronic front cutter 

special tool steel



Art. No.	l	kg	PU
211874	115	0,093	1

ESD Electronic combination pliers 

with wire cutter, special tool steel



Art. No.	l	kg	PU
211876	115	0,077	1

ESD Electronic pliers set 

special tool steel

Content: art. 211862, 211870, 211874, 211876

Art. No.	set	kg	PU
211880	4	0,585	1

LED lamps/torches

LED „Mini Torch“

LED 3W CREE XM-L	200 mm 150 mm	50 Lm
Lifetime 30000 h	Aircraft Grade Aluminium	
IP65	1xAAA	



Art. No.	∅	→	kg	PU
130310	20	92,5	0,080	1

LED „Pen Torch“

LED 1W CREE	140 mm 100 mm	50 Lm
Lifetime 30000 h	Aircraft Grade Aluminium	
IP65	2xAAA	



Art. No.	∅	→	kg	PU
130328 *	14	143	0,200	1

LED „Focus Torch“

LED 3W CREE XP-G	120 mm 100 mm	120 Lm
Lifetime 30000 h	Aircraft Grade Aluminium	
IP65	3xAAA	



Art. No.	∅	→	kg	PU
130312 *	34,4	115	0,200	1

LED „IP67 Torch“

LED 5W CREE XP-G	250 mm 180 mm	250 Lm
Lifetime 30000 h	Aircraft Grade Aluminium	
IP67	4xAAA	



Art. No.	∅	→	kg	PU
130314	40,5	141	0,440	1

LED „RC Torch“

LED 5W CREE XP-G	250 mm 180 mm	250 Lm
Lifetime 30000 h	Aircraft Grade Aluminium	
IP65	Li-Ion 2200 mAh 3.7V	



Art. No.	∅	→	kg	PU
130316	40,5	180	0,440	1



Holster for LED torches

Suitable for item numbers: 130312, 130314



Art. No.	W	H	D	kg	PU
130322	30	100	10	0,180	1

Mini working light „HUPlight4“

LED 4W	200 mm 150 mm	200 Lm
Lifetime 30000 h	ABS	
IP54	100-240V AC 12-24V DC	



Art. No.	W	H	→	kg	PU
130336 *	25	120	60	0,260	1

LED working light „HUPlight10+3“

LED 10+3 W	220 mm 150 mm	800 + 220 Lm
Lifetime 30000 h	Li-Ion 2200 mAh 3.7V	
IP54	100-240V AC 12-24V DC	



Art. No.	W	H	→	kg	PU
130348	57	40	220	0,380	1

LED Headlamps

LED „HUPflash155“ headlamp

LED 3W	155 Lm
Lifetime 30000 h	ABS PC 80 g
2,5h	3xAAA
IP65	30%



Art. No.	W	H	→	kg	PU
130319	45	38	60	0,250	1

LED Headlight „HUPflash155+“

LED 3W	155 Lm
Lifetime 30000 h	ABS PC 73 g
2,5h	3xAAA
IP65	30%



Art. No.	W	H	→	kg	PU
130321	45	38	60	0,073	1

LED head lamp „HUPflash250“

CREE XML2	250 Lm
Lifetime 30000 h	Li-Ion 2200 mAh 3.7V 149 g
2,5h	AI
IP65	30%



Art. No.	W	→	kg	PU
130323	28	107	0,149	1

Compact floodlight

Compact floodlight „HUPlight10pro“

LED 10W	220-240V AC	900 Lm
Lifetime 30000 h	Akku Li-Ion 1800 mAh 7,4V	220-240V AC 13-24V DC
IP54	USB	3h
3h	CRI 90	90 %
		100 %



Art. No.	W	H	kg	PU
130344	121	43	170	1,000

Compact floodlight „HUPlight20pro“

LED 20W	220-240V AC	1800 Lm
Lifetime 30000 h	Akku Li-Ion 3600 mAh 7,4V	220-240V AC 13-24V DC
IP54	USB	3h
3h	CRI 90	90 %
		100 %



Art. No.	W	H	kg	PU
130346	135	43	185	1,320

Compact floodlight „HUPlight30pro“

LED 30W	220-240V AC	2500 Lm
Lifetime 30000 h	Akku Li-Ion 5400 mAh 7,4V	220-240V AC 13-24V DC
IP54	USB	3h
3h	CRI 90	90 %
		100 %



Art. No.	W	H	kg	PU
130352	135	43	185	1,320

Magnetic lamp holder



Art. No.	W	H	kg	PU
130343	85	85	40	0,470

Domed luminaire “HUPlight50combi“

LED 50W	220-240V AC	4000 Lm
Lifetime 30000 h	Akku Li-Ion 6600 mAh 7,4V	220-240V AC 13-24V DC
IP54	USB	3h
3h	CRI 90	90 %
		100 %

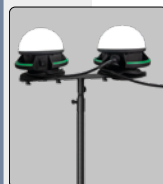


Akku Li-Ion 6600 mAh 7,4 V



Art. No.	W	H	kg	PU
130360	280	260	3,400	1

Stand for “HUPlight50combi“



Art. No.	W	H	kg	PU
130361	1150	3000	1150	7,660

HUPlightpro Crashtest



LED Light Strips

LED light strip “HUPlightStripe15“

LED 180W	220-240V AC	19500 Lm
4000K	IP65	50/60 Hz
	USB	CRI 90



Art. No.	W	H	kg	PU
130364	16	8	15000	4,400

LED light strip “HUPlightStripe25“

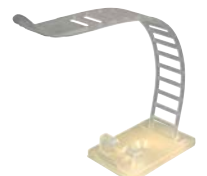
LED 300W	220-240V AC	32500 Lm
4000K	IP65	50/60 Hz
	USB	CRI 90



Art. No.	W	H	kg	PU
130366	16	8	25000	6,500

Adjustable cable clip with adhesive socket

Material: Polyamide 6.6, halogen-free, UL94V-2, for fast and secure attachment of the HUPlightStripes, all 0.5 m. Contents: 100 units



Art. No.	W	H	kg	PU
262192	90	12	7,6	0,00078

Adjustable cable clip with adhesive socket

Material: Polyamide 6.6, halogen-free, UL94V-2, for fast and secure attachment of the HUPlightStripes, all 0.5 m. Contents: 100 units



Art. No.	W	H	kg	PU
262193	90	12	7,6	0,00075

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Measuring tools

Folding rules



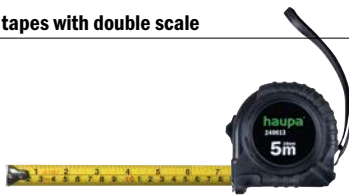
Art. No.	Typ	W	kg	PU	
240002 *	wood	2 m	16	0,100	1
240005	fibre glass	2 m	16	0,138	1

Measuring tapes



Art. No.	W	kg	PU	
240011	3 m	13	0,104	1
240012 *	5 m	16	0,179	1

Measuring tapes with double scale



Art. No.	W	kg	PU	
240013	5 m	16	0,179	1

Measuring tapes



Art. No.	W	kg	PU	
240018	20 m	16	0,432	1
240020	25 m	16	0,544	1
240022	30 m	16	0,586	1
240024	50 m	16	0,857	1

Aluminium spirit levels



Art. No.	Spirit level	kg	PU	
240041	300	2	0,168	1
240042 *	400	2	0,198	1
240044	600	2	0,282	1
240046	800	2	0,406	1
240048	1000	2	0,534	1

Electrician's safety levels



Art. No.	Spirit level	kg	PU	
240057	400	2	0,188	1
240058	600	2	0,274	1

Cabinet levels



Art. No.	Spirit level	kg	PU	
240059 *	200	3	0,078	1

Acrylic „HUPmini“ spirit level



Art. No.	Spirit level	kg	PU	
240061	100	2	0,085	1

Precision pocket vernier calipers „Stainless“



Art. No.	TMA	kg	PU
240071	232 0 - 150	0,157	1

Precision pocket vernier calipers „digital“



Art. No.	TMA	kg	PU
240073	235 0 - 150	0,150	1

Engineers' squares



Art. No.	W	kg	PU	
240132	150x100	20	0,181	1
240134	200x130	20	0,237	1
240136	250x160	25	0,378	1
240138	300x180	25	0,445	1

Engineers' squares



Art. No.	W	kg	PU	
240152	150x100	20	0,170	1
240154	200x130	20	0,340	1
240156	250x160	25	0,511	1
240158	300x180	25	0,440	1
240160	400x230	30	0,783	1

Steel point scribes



Art. No.	kg	PU	
240234	250	0,046	1

Carpenters' pencils



Art. No.	kg	PU	
150090	150	0,007	12

Multigraph, black, refill 7B, triangular



Art. No.	W	kg	PU
150041	240	0,017	1

Deep hole marker



Art. No.	W	kg	PU
150025	160	0,020	1
150027	spare lead 10 pc	0,291	1

Deep-hole marker 2-in-1 with a sharpener



Art. No.	W	kg	PU
150044	155	0,022	1
150045	125 spare lead 6 pc	0,021	6

Marking chalk

12 items per packaging unit



Art. No.	Col.	kg	PU
150015 B *	blue	0,017	1
150015 G	yellow	0,017	1
150015 R	red	0,016	1

Holder for marking chalk

suitable for marking chalk art. 150015



Art. No.	Col.	kg	PU
150015/1	black	0,034	1

Chalk line roller Squid, 15 m



Art. No.	Length	kg	PU
150019 *	15 Squid	0,291	1

Chalk

in plastic bottles, 250 g



Art. No.	Content g	Col.	kg	PU
140510	50	red	0,284	1
140520 *	50	blue	0,276	1
140530	50	yellow	0,279	1

Maintenance / Workshop equipment

Hand brush „Prestige“ short

- Soft Elaston PET bristles
- Unvarnished wooden body
- 29 cm
- Handle with hole for hanging up



Art. No.	↔	kg	PU
393000 *	290	0,180	1

Hand brush „Prestige“ short

- Soft coconut bristles
- Unvarnished wooden body
- 29 cm
- Handle with hole for hanging up



Art. No.	↔	kg	PU
393038	290	0,180	1

Hand brush „Prestige“ long

- Soft Elaston PET bristles
- Unvarnished wooden body
- 43 cm
- Handle with hole for hanging up



Art. No.	↔	kg	PU
393002	430	0,240	1

Hand brush „Prestige“ long

- Soft coconut bristles
- Unvarnished wooden body
- 43 cm
- Handle with hole for hanging up



Art. No.	↔	kg	PU
393040	430	0,180	1

Street broom

- Elaston
- 40 cm
- 6/15 rows



Art. No.	↔	kg	PU
393008	400	0,269	1

Broom, for rough dirt

- Elaston
- 40 cm
- For coarse dirt
- Made from wooden corbel
- With hole for handle



Art. No.	↔	kg	PU
393012	400	0,269	1

Broom, for rough dirt

- Soft coconut bristles
- 40 cm / 60 cm
- For coarse dirt
- Made from wooden corbel
- With hole for handle



Art. No.	↔	kg	PU
393034	400	0,269	1
393036	600	0,269	1

Broom, for smooth ground

- 40 cm
- For smooth floors and fine dirt
- Made from wooden corbel
- With hole for handle



Art. No.	↔	kg	PU
393010	400	0,269	1

Metal dustpan with wooden handle

- Made from metal
- Painted black
- Wooden handle with hole for hanging up
- Robust version
- 450 x 230 mm



Art. No.	↔	W	kg	PU
393006 *	450	230	0,269	1

Bucket

- Made from plastic
- 12 l / 20 l
- With carry handle



Art. No.	L	Col.	kg	PU
300102 *	12	black	0,450	1
300115	20	black	1,300	1

Broomstick

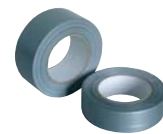
- Sanded cleanly
- Rounded head
- 1400 mm



Art. No.	↔	kg	PU
393004	1400	0,269	1

Textile tape

- 50 m



Art. No.	W	↔	Col.	kg	PU
393016	50	50 m	gray	0,269	1

Tarpaulin premium

- 12 my
- 4 x 12,5 m



Art. No.	↔	W	kg	PU
393026	12500	4000	0,269	1

Tarpaulin, strong

- 30 my
- 4 x 5 m



Art. No.	↔	W	kg	PU
393022	5000	4000	0,520	1

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Tarpaulin, strong

- 30 my
- 4 x 12,5 m



Art. No.	W	H	kg	PU
393024	12500	4000	1,280	1

Dust protection door, multi-fleece



Art. No.	W	H	kg	PU
393032	1200	2200	0,269	1

Builders waste sack

- LDPE
- Roll containing 5 sacks
- 75 l
- 100 my
- 575 x 1000 mm



Art. No.	W	L	kg	PU
393018	1000	575	0,269	1

Waste sack, extra

- LDPE
- Roll containing 10 sacks
- 120 l
- 50 my
- 700 x 1100 mm



Art. No.	W	L	kg	PU
393020 *	1100	700	0,020	1

Construction foil „Profi“

- 3 x 10 m
- 200g/m131



Art. No.	W	kg	PU
393030	10000	3000	5,500

Multi-fleece

- 1 x 10 m



Art. No.	W	kg	PU
393028 *	10000	1000	2,200

Maintenance set with bucket



Art. No.	set	kg	PU
393107	6	0,800	1

Wire brushes



Art. No.	W	kg	PU
150002	300	0,131	1

Water brushes



Art. No.	W	kg	PU
150004	24	0,036	1

Plaster cups



Art. No.	Ø	D	kg	PU
150006 *	125	90	0,105	1

Plaster pan

with wooden handle



Art. No.	Ø	D	kg	PU
150008	160	40	0,341	1
150010	180	60	0,369	1

Paint scrapers



Art. No.	W	kg	PU
150024	185	40	0,043
150026 *	205	50	0,051
150028	205	60	0,047

Trowel

high quality stainless steel, rustproof, with red lacquered handle, 3 point rib welding



Art. No.	W	kg	PU
150012	160	0,341	1
150029	180	0,341	1

Trowel „Profi“

Trowel blade and handle forged from a blank, guaranteed not welded, blade hardened, conical ground



Art. No.	W	kg	PU
150033	160	0,341	1
150039	180	0,341	1

Warning sign, plastic „Caution, Wet floor“, yellow

Only for German- and English-speaking countries.



Art. No.	W	kg	PU
300117	30,5 x 62 cm	3,850	1

Lashing belts

DIN lashing belt 400 daN, one-piece



Art. No.	↔	W	kN	kg	PU	
393150		8000	25	4	0,350	1

DIN lashing belt 400 daN, two-piece with hook



Art. No.	↔	W	kN	kg	PU	
393152		8000	25	4	0,450	1

DIN lashing belt 1000 daN, one-piece



Art. No.	↔	W	kN	kg	PU	
393154		8000	35	10	1,000	1

DIN lashing belt 1000 daN, two-piece with hook



Art. No.	↔	W	kN	kg	PU	
393156		8000	35	10	1,400	1

Telescoping ladders



Aluminium telescoping stepladder

Rungs: 6+2
Retracted: 0,74 m



Art. No.	↔	W	kg	PU	
392804		2.3	690	14,500	1

Aluminium telescoping stepladder

Rungs: 8+2
Retracted: 0,79 m



Art. No.	↔	W	kg	PU	
392806		3	760	20,000	1

Aluminium telescoping single-ladder

Rungs: 9
Retracted: 0,72 m



Art. No.	↔	W	kg	PU	
392800		2.6	490	8,100	1

Aluminium telescoping single-ladder

Rungs: 13
Retracted: 0,86 m



Art. No.	↔	W	kg	PU	
392802		3.8	880	15,000	1

Chisels, centre punches



Flat chisels to DIN 6453 A, flat oval shank



Art. No.	↔	CW	Mat/S	Mat/S	kg	PU
180008	200	28	23	13	0,392	1
180010	250	28	23	13	0,490	1
180012	300	32	26	13	0,606	1

Stone chisels, flat oval shank



Art. No.	↔	CW	Mat/S	Mat/S	kg	PU
180042	250	28	20	12	0,394	1
180044 *	300	32	23	13	0,584	1

Stone chisels, octagonal shank



Art. No.	↔	CW	Mat/S	Mat/S	kg	PU
180062	250	28	16	16	0,387	1
180064	300	30	18	18	0,595	1

Jointing chisel



Art. No.	↔	CW	Mat/S	Mat/S	kg	PU
180076 *	250	26	26	7	0,302	1

Stone chisels, octagonal shank



Art. No.	↔	CW	Mat/S	Mat/S	kg	PU
180082	250	14	14	14	0,358	1
180084	300	16	16	16	0,573	1

Electricians' chisels



Art. No.	↔	CW	Mat/S	Mat/S	kg	PU
180090	200	8	6	6	0,052	1
180092 *	250	10	8	8	0,119	1
180094	250	12	8	8	0,121	1

Centre punch to DIN 7250



Art. No.	↔	Ø1	kg	PU
180120	120	12	0,091	1

Rubber hand guard

for chisels flat oval shank



Art. No.	size	Mat/S	Mat/S	kg	PU
180110	3	23	13	0,125	1

Firmer chisels DIN 5139



Art. No.	↔	SB	BL	kg	PU
180464	280	14	150	0,120	1
180466	280	16	150	0,132	1
180468	280	18	150	0,161	1
180470	280	20	150	0,170	1
180474	280	24	150	0,193	1

Pin punch set



Art. No.	Ø	kg	PU
180170	3/4/5/6/8/10	0,502	1

Hatchets, hammers

Household hatchet



Art. No.	kg	PU
180173	0,600	1

Claw hammer

wood handle



Art. No.	Oz	kg	PU
180321	16	0,621	1

Claw hammer

fibre glass handle



Art. No.	Oz	kg	PU
180323	16	0,748	1

Engineers' hammer DIN 1041

with polished hickory handle



Art. No.	HG	kg	PU
180182	200	0,288	1
180184 *	300	0,462	1
180186	400	0,561	1
180188	500	0,684	1

Engineers' hammer DIN 1041



Art. No.	HG	kg	PU
180200	300	0,552	1
180202	500	0,740	1

Fitter's hammer with 3-component handle



Art. No.	HG	↔	kg	PU
180214	300	320	0,533	1
180218	500	320	0,733	1
180222	1000	320	1,233	1

Engineers' hammer



Art. No.	HG	HG ibs	kg	PU
180274	340	3/4	0,416	1
180276	450	1	0,485	1



Hammers

Sledge hammer to DIN 6475



Art. No.	HG	kg	PU
180290	1000	1,210	1
180292	1250	1,504	1

Sledge hammer to DIN 6475



Art. No.	HG	kg	PU
180300 *	1000	1,093	1
180302	1250	1,375	1

Club hammer with 3-component handle



Art. No.	HG	↔	kg	PU
180301	1000	260	1,230	1

Soft-head hammer



Art. No.	Ø1	kg	PU
180334	32	0,328	1
180346	replacement heads	0,460	1

Soft-faced hammer with 3-component handle



Art. No.	Ø1	kg	PU
180336	32	0,690	1
180337	replacement heads	0,017	1
180338	40	0,710	1
180339	replacement heads	0,035	1

Steel stamps

Steel stamp, figures (0 - 9) DIN 1451



Art. No.	size	set	kg	PU
130200	3	0-9	0,160	1
130201	4	0-9	0,243	1
130202	5	0-9	0,300	1
130203	6	0-9	0,450	1
130204	8	0-9	0,650	1
130206	10	0-9	0,800	1

Steel stamp, letters (A - Z), DIN 1451



Art. No.	size	set	kg	PU
130208	3	A-Z	0,461	1
130209	4	A-Z	0,650	1
130210	5	A-Z	0,850	1
130211	6	A-Z	1,200	1
130212	8	A-Z	1,950	1
130214	10	A-Z	2,479	1

Files

Contact files



Art. No.	↔	set	kg	PU
190126	130	6	0,078	1

File assortments

190130 | bastard cut 1
190132 | smooth cut 3



Art. No.	↔	set	kg	PU
190130	100	5	0,784	1
190132 *	200	5	0,799	1

Cable stripping knives

Cable stripping or lead tube knives



Art. No.	BL	pcs	kg	PU
200008	40	1	0,047	1

Cable stripping knives



Art. No.	BL	pcs	kg	PU
200010	60	1	0,073	1

Cable stripping knives



Art. No.	BL	pcs	kg	PU
200011 *	60	1	0,082	1

Cable stripping knives



Art. No.	BL	pcs	kg	PU
200012	60	1	0,079	1

Cable stripping knives



Art. No.	BL	pcs	kg	PU
200014	60	2	0,078	1

Cable stripping knives



Art. No.	BL	pcs	kg	PU
200016	60	3	0,089	1

Cable stripping knives



Art. No.	BL	pcs	kg	PU
200018	60	4	0,092	1

Utility knives

Utility metal knives



Art. No.	BL	kg	PU
200025	9	0,072	1

Snap blades

10-pieces, suitable for article 200025



Art. No.	BL	kg	PU
200025/KL	9	0,050	1

Utility metal knives



Art. No.	BL	kg	PU
200027 *	18	0,150	1

Safety knife



Art. No.	BL	kg	PU
200209	18	0,150	1

Snap blades

10-pieces, suitable for article 200027 | 200209



Art. No.	BL	kg	PU	PrU
200032	18	0,054	1	1

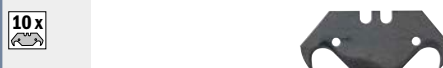
„Safety“ safety knife



Art. No.	BL	kg	PU
200021	148	0,111	1

Loose knife, hooked blade

10-pieces, suitable for article 200021



Art. No.	kg	PU	PrU
200028	0,0038	1	1

Loose knife, trapezoidal blade

10-pieces, suitable for article 200021



Art. No.	kg	PU	PrU
200030	0,0046	10	1

Utility knife professional HUPblackSeries9



Art. No.	BL	W	ØBL	kg	PU
200220	145	80	9	0,38	0,111

Blade dispenser HUPblades9

suitable for Art. No. 200220 | 200025



Art. No.	BL	W	ØBL	kg	PU	PrU
200221	80	9	0,38	0,111	10	1

Utility knife professional HUPblackSeries18



Art. No.	BL	W	ØBL	kg	PU
200222	167	100	18	0,6	0,111

Blade dispenser HUPblades18

suitable for Art. No. 200222 | 200027 | 200209



Art. No.	BL	W	ØBL	kg	PU	PrU
200223	100	18	0,6	0,111	10	1

Tin snips, tube cutters

Hole-cutting tin snips

large radii



Art. No.	↔	kg	PU
200140	250	0,523	1

Small tube cutter



Art. No.	∅	kg	PU
200190	3-16	0,107	1
200192	loose spare wheels	0,025	1

Tube cutter



Art. No.	∅	kg	PU
200194	3-35	0,401	1
200196	loose spare wheels	0,006	1

Saws, saw blades

Junior hacksaw

type: metal



Art. No.	Sbl.	kg	PU
200280	150	0,149	1

Junior hacksaw DIN 6473 C

type: metal



Art. No.	Sbl.	kg	PU
200284	150	0,069	1

Junior hacksaw

type: metal



Art. No.	Sbl.	kg	PU
200285	150	0,164	1

Junior hacksaw

type: metal



Art. No.	Sbl.	kg	PU
200287	150	0,164	1

Hand saw „PUK“

type: metal



Art. No.	Sbl.	kg	PU
200290 *	150	0,100	1

Hand saw „PUK“

type: metal



Art. No.	Sbl.	kg	PU
200292	150	0,119	1

PUK saw

type: metal



Art. No.	Sbl.	kg	PU
200282	300	0,100	1

Hacksaw blades „PUK“

DIN 6494C - for Art. No. 200292, 200280, 200290, 200284, 200285, 110558
type: wood/plastic



Art. No.	Sbl.	kg	PU	PrU
200286	150	0,0036	12	1

Hacksaw blades „PUK“

DIN 6494C - for Art. No. 200292, 200280, 200290, 200284, 200285, 110558
type: metal/universal



Art. No.	Sbl.	kg	PU	PrU
200288	150	0,0036	12	1

Hacksaw frame

type: metal



Art. No.	Sbl.	kg	PU
200304 *	300	0,408	1

Hacksaw blades to DIN 6494

type A, single sided blade HSS-Bi-metal

type: metal



Art. No.	Sbl.	kg	PU
200310	300	0,016	1

Twist drills, ground

Twist drills DIN 338/HSS type N

Packaging unit in blister pack:
 0,5 - 3,0 mm; 1 SPU = 3 pieces
 3,2 - 6,0 mm; 1 SPU = 2 pieces
 6,5 - 13,0 mm; 1 SPU = 1 piece
xxxxxx/CO = Cobalt
 Packaging unit in blister pack:
 1,0 - 3,0 mm; 1 SPU = 2 pieces
 3,2 - 13,0 mm; 1 SPU = 1 piece



Art. No.	Øc-hole	SL	kg	PU
230010	0,5	6 22	0,004	1
230020	1	12 34	0,003	1
230020/CO	1	12 34	0,004	1
230030	1,5	18 40	0,003	1
230030/CO	1,5	18 40	0,004	1
230032	1,6	M2 20 43	0,003	1
230032/CO	1,6	M2 20 43	0,004	1
230040	2	24 49	0,005	1
230040/CO	2	24 49	0,004	1
230050	2,5	M3 30 57	0,005	1
230050/CO	2,5	M3 30 57	0,009	1
230060	3	33 61	0,005	1
230060/CO	3	33 61	0,004	1
230064	3,2	36 65	0,005	1
230064/CO	3,2	36 65	0,004	1
230066	3,3	M4 36 65	0,006	1
230066/CO	3,3	M4 36 65	0,011	1
230070	3,5	39 70	0,007	1
230070/CO	3,5	39 70	0,004	1
230080	4	43 75	0,008	1
230080/CO	4	43 75	0,004	1
230084	4,2	M5 43 75	0,008	1
230084/CO	4,2	M5 43 75	0,011	1
230090	4,5	47 80	0,010	1
230090/CO	4,5	47 80	0,004	1
230100	5	M6 52 86	0,010	1
230100/CO	5	M6 52 86	0,011	1
230110	5,5	57 93	0,015	1
230110/CO	5,5	57 93	0,004	1
230120	6	M7 57 93	0,018	1
230120/CO	6	M7 57 93	0,004	1
230130	6,5	63 101	0,022	1
230130/CO	6,5	63 101	0,004	1
230136	6,8	M8 69 101	0,026	1
230136/CO	6,8	M8 69 101	0,029	1
230140	7	69 109	0,027	1
230140/CO	7	69 109	0,004	1
230160	8	75 117	0,036	1
230160/CO	8	75 117	0,004	1
230170	8,5	M10 75 117	0,040	1
230170/CO	8,5	M10 75 117	0,044	1
230180	9	81 125	0,048	1
230180/CO	9	81 125	0,004	1
230190	9,5	81 125	0,054	1
230190/CO	9,5	81 125	0,004	1
230200	10	87 133	0,060	1
230200/CO	10	87 133	0,004	1
230204	10,2	M12 87 133	0,067	1
230204/CO	10,2	M12 87 133	0,069	1
230210	10,5	87 133	0,070	1
230210/CO	10,5	87 133	0,004	1
230220	11	87 133	0,078	1
230220/CO	11	87 133	0,004	1
230230	11,5	94 142	0,086	1
230230/CO	11,5	94 142	0,004	1
230240	12	M14 101 151	0,103	1
230240/CO	12	M14 101 151	0,004	1
230244	12,5	101 151	0,109	1
230244/CO	12,5	101 151	0,004	1
230250	13	101 151	0,100	1
230250/CO	13	101 151	0,004	1

Twist drills DIN 338/HSS type N



Art. No.	set	Ø	kg	PU
230312	19	1 - 10	0,540	1
230312/R	19	1 - 10	0,284	1
230312/TIN	19	1 - 10	0,345	1
230314	25	1 - 13	1,270	1
230314/R	25	1 - 13	1,213	1
230314/TIN	25	1 - 13	1,290	1

Bulk storage chest for twist drills



Art. No.	set	kg	PU
230301/TIN	170	4,550	1

Drills

Auger bit, type Lewis



Art. No.	Ø	kg	PU
231502	460	6	0,005
231508	235	10	0,098
231516	235	14	0,160
231524	235	18	0,200
231526	460	18	0,468
231528	235	20	0,005
231530	460	20	0,005
231532	235	22	0,300
231540	235	26	0,005
231544	235	28	0,005
231546	460	28	0,005

Drill type machine bits for wood



Art. No.	Ø	kg	PU
230616	70	3	0,005
230618	80	4	0,008
230620	90	5	0,011
230622	100	6	0,015
230626	120	8	0,031
230628	130	9	0,039
230630	137	10	0,047
230634	150	12	0,075
230636	170	13	0,088

Flat bits



Art. No.	Ø	kg	PU
230732	10 150	6	0,049
230734	12 150	6	0,049
230736	14 150	6	0,047
230738	16 150	6	0,051
230740	18 150	6	0,047
230742	20 150	6	0,045
230746	24 150	6	0,045

Casing drill



Art. No.	Ø	kg	PU
231750	400 6	0,100	1
231752	400 8	0,005	1
231754	400 10	0,160	1
231756	400 12	0,200	1
231758	400 13	0,200	1
231760	400 17	0,005	1
231766	400 22	0,200	1

Masonry drills

Masonry drills DIN 8039



Art. No.	Ø	SL	kg	PU
230330	70 3	40	0,011	1
230331	75 3,5	45	0,056	1
230332	80 4	45	0,008	1
230334	85 4,5	50	0,008	1
230338	95 5,5	55	0,012	1
230340	100 6	60	0,018	1
230342	105 6,5	65	0,018	1
230344	110 7	65	0,018	1
230346	120 8	70	0,027	1
230352	140 10	90	0,035	1
230354	150 11	95	0,082	1
230356	160 12	105	0,090	1
230358	170 13	110	0,100	1
230360	180 14	115	0,120	1
230362	190 15	125	0,165	1
230364	190 16	125	0,091	1

Masonry drills DIN 8039



Art. No.	Ø	SL	kg	PU
230370	400 8	300	0,130	1
230372	400 10	300	0,124	1
230376	400 14	300	0,316	1
230378	400 16	300	0,232	1
230380	400 18	300	0,460	1
230382	400 20	300	0,608	1
230400	600 8	500	0,222	1
230402	600 10	500	0,222	1
230404	600 12	500	0,330	1
230406	600 14	500	0,463	1
230408	600 16	500	0,568	1
230410	600 18	500	0,715	1
230412	600 20	500	0,896	1
230414	600 22	500	1,164	1

Masonry drill bit



Art. No.	↔	∅	kg	PU
231700	70	3	0,007	1
231702	85	4	0,010	1
231704	95	5	0,016	1
231706	100	6	0,018	1
231708	100	7	0,020	1
231710	120	8	0,027	1
231712	120	9	0,030	1
231714	120	10	0,035	1
231716	150	11	0,090	1
231718	150	12	0,100	1

SDS hammer drill bits



Art. No.	↔	∅	SL	kg	PU
230430	110	5	50	0,037	1
230431	160	5	100	0,042	1
230432	110	5,5	50	0,037	1
230433	160	5,5	100	0,045	1
230434	110	6	50	0,039	1
230436	160	6	100	0,045	1
230438	110	6,5	50	0,038	1
230438/A	160	7	100	0,050	1
230440	110	7	50	0,041	1
230442	110	8	50	0,046	1
230442/A	160	8	100	0,056	1
230444	210	8	150	0,064	1
230444/A	460	8	400	0,150	1
230448	160	10	100	0,065	1
230450	210	10	150	0,087	1
230450/A	260	10	150	0,118	1
230451	460	10	400	0,192	1
230453	210	12	150	0,107	1
230454	160	12	100	0,097	1
230456	260	12	200	0,159	1
230457	460	12	400	0,263	1
230458	160	13	85	0,111	1
230459	600	12	540	0,286	1
230460	160	14	100	0,087	1
230460/A	260	14	200	0,179	1
230461	460	14	400	0,257	1
230464	210	16	150	0,197	1
230466	460	16	400	0,418	1
230467	600	14	540	0,339	1
230473	600	16	540	0,561	1
230474	210	20	150	0,246	1
230475	460	18	400	0,475	1
230478/1	600	10	540	0,270	1
230395	460	20	400	0,585	1
230396	600	20	540	0,737	1
230397	460	22	400	0,669	1
230398	460	25	400	0,998	1

SDS-Nut-hammer drill sets

Content: 5, 6, 8 x 110 / 6, 8, 10, 12 x 160



Art. No.	set	kg	PU
230479	7	0,679	1

SDS-hammer drill sets

Content: 5, 6 x 110 / 6, 8, 10 x 160



Art. No.	set	kg	PU
230979	5	0,261	1

SDS hammer drill bits



Art. No.	↔	∅	SL	kg	PU
230900 *	110	5	50	0,036	1
230902	160	5	100	0,042	1
230904	110	5,5	50	0,036	1
230906/1	160	5,5	100	0,043	1
230908 *	110	6	50	0,040	1
230910 *	160	6	100	0,045	1
230912	110	6,5	50	0,041	1
230914	160	6,5	100	0,045	1
230916 *	110	7	50	0,040	1
230918	160	7	100	0,045	1
230920	110	8	50	0,045	1
230922 *	160	8	100	0,055	1
230924	210	8	150	0,067	1
230926 *	160	10	100	0,068	1
230928	210	10	150	0,095	1
230930/1	260	10	150	0,107	1
230932	450	10	400	0,155	1
230934	600	10	540	0,365	1
230936	260	11	210	0,070	1
230938	160	12	100	0,077	1
230940	210	12	150	0,106	1
230942	310	12	260	0,120	1
230944	460	12	400	0,250	1
230946	600	12	540	0,315	1
230948	160	13	100	0,085	1
230950	160	14	100	0,200	1
230952	260	14	210	0,250	1
230954/1	460	14	400	0,300	1
230956	600	14	540	0,365	1
230958	160	15	100	0,120	1
230960	210	16	150	0,195	1
230962/1	460	16	400	0,346	1
230964	600	16	540	0,418	1
230966	200	18	140	0,180	1
230968	460	18	400	0,395	1
230970	210	20	150	0,221	1
230972	310	20	250	0,383	1
230974	460	20	400	0,503	1
230976	460	22	400	0,583	1
230978	460	25	400	0,753	1

Step drills

Combination step drills/HSS



Art. No.	c-hole	∅ min.	∅ max.	kg	PU
231319 *	10,5-38,5	8,5	40,5	0,269	1

Step drills /HSS



Art. No.	∅ min.	∅ max.	kg	PU
231324	8,5	40,5	0,199	1

Step drills /HSS



Art. No.	∅ min.	∅ max.	kg	PU
231326	8,5	30,5	0,208	1

Step drills /HSS



Art. No.	∅ min.	∅ max.	kg	PU
231320	7	40	0,237	1
231322	7	30	0,151	1

Step drills /HSS



Art. No.	∅ min.	∅ max.	↑	kg	PU
231336	4	12	6	0,027	1
231338	12	20	10	0,079	1
231340	20	30	12	0,203	1
231342	30	40	12	0,371	1
231350	4	12	6	0,027	1
231352	4	20	8	0,059	1
231354	6	30	10	0,162	1

Step drills assortment/HSS

Content: ∅ 4 - 12 mm, ∅ 12 - 20 mm, ∅ 20 - 30 mm



Art. No.	set	∅	kg	PU
231327	3	4 - 30	0,597	1

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Cone drills

Cone drills/Aerial drills/HSS



Art. No.	∅ min.	∅ max.	kg	PU
231300	3	14	0,027	1
231301	6	20	0,055	1
231330	6	22,5	0,085	1
231302	16	30	0,139	1
231304	26	40	0,265	1
231305 *	6	30	0,166	1
231306	36	50	0,350	1
231307	46	60	0,551	1

Set of cone drills/HSS

Content: 1 piece each No. 1, 2, 3 (∅ 3 - 30 mm)



Art. No.	∅ set	kg	PU
231312	3 - 30	0,510	1

Screw punches

Screw punches



Art. No.	PG	screws	kg	PU
180513	ISO 16	180530	0,101	1
180515	ISO 20	180530	0,115	1
180517	ISO 25	180530	0,154	1
180519	ISO 32	180532	0,320	1
180521	ISO 40	180532	0,950	1
180523	ISO 50	180534	0,636	1
180525	ISO 63	180534	0,974	1
180500	PG9	180530	0,097	1
180502	PG11	180530	0,106	1
180504	PG13,5	180530	0,115	1
180506	PG16	180530	0,100	1
180508	PG21	180530	0,176	1
180510	PG29	180532	0,400	1
180512	∅ 30,5	180534	0,202	1
180514	PG36	180534	0,590	1
180516	PG42	180534	1,250	1
180518	PG48	180534	0,319	1
180520	∅ 28,6	180530	0,250	1

Spare screws

metric



Art. No.	size	kg	PU
180530	10 x 1,0	0,048	1
180532	12 x 1,5	0,070	1
180534	16 x 1,5	0,139	1

Diamond hollow core cutters

Diamond hollow core cutters



Art. No.	∅	kg	PU
230676	68	0,453	1
230677	82	0,590	1

Diamond hollow core cutters



Art. No.	∅	∅	kg	PU
230676/K	68	SDS-plus	8	0,672
230677/K	82	SDS-plus	8	0,764

Diamond hollow core cutter special

laser-welded



Art. No.	∅	∅	kg	PU
230885/K	68	SDS-plus	8	0,450
230886/K	82	SDS-plus	8	0,787

Drill for Diamond hollow core cutters



Art. No.	∅	∅	kg	PU
230679	120	9	0,044	1

Shank for hollow core cutters, SDS-Plus



Art. No.	∅	kg	PU
230681/K	100	SDS-plus	0,150

Cutting discs

Diamond cutting disk „Spezial“

These HAUPA discs can cut everything but stone!



LONG LIFE



Video 230727



Art. No.	∅	kg	PU
230727	115	0,120	1
230731 *	125	0,140	1

Diamond cutting blades



Art. No.	∅	kg	PU
230689	115	0,100	1
230691	125	0,149	1
230720	135	0,193	1
230721	140	0,219	1
230704	150	0,245	1
230705	180	0,317	1
230706	230	0,700	1
230711	300	1,256	1

Diamond cutting blades



Art. No.	∅	kg	PU
230701	115	0,132	1
230702	125	0,169	1
230708	180	0,339	1
230709	230	0,681	1

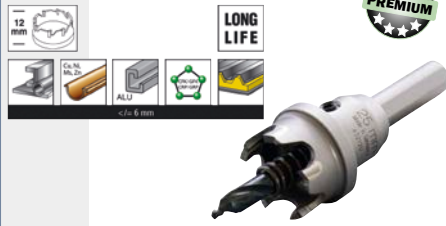
Diamond cutting blades, TBM Turbo



Art. No.	∅	kg	PU
230722	115	0,120	1
230723	125	0,134	1
230725	230	0,706	1

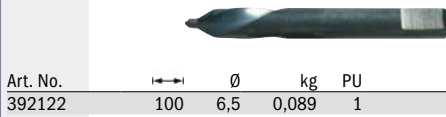
Hollow saws

T.C.T. Hole Saw



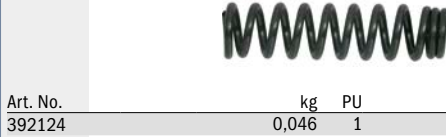
Art. No.	Ø	ST	Ø	kg	PU
392100	16	12	6,5	0,046	1
392102	20	31	6,5	0,046	1
392104	22	31	6,5	0,046	1
392106	22,5	31	6,5	0,0978	1
392108	25	31	6,5	0,046	1
392110	30	31	6,5	0,046	1
392112	32	31	6,5	0,046	1
392114	35	31	6,5	0,046	1
392116	40	31	6,5	0,046	1
392118	50	31	6,5	0,046	1
392120	60	31	6,5	0,046	1

T.C.T. center drill for hole saw arbors



Art. No.	Ø	kg	PU
392122	100	6,5	0,089 1

Spring for hole saw arbors



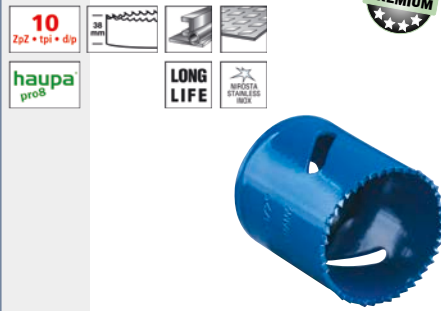
Art. No.	kg	PU
392124	0,046	1

T.C.T. Hole Saw Fastcut



Art. No.	Ø Inch	Ø	ST	Ø	kg	PU
231942	3/4	19	50	6,35	0,047	1
231944	7/8	22	50	6,35	0,062	1
231946	1	25	50	6,35	0,077	1
231950	1 3/16	30	50	6,35	0,115	1
231952	1 1/4	32	50	6,35	0,122	1
231954	1 3/8	35	50	6,35	0,133	1
231956	1 9/16	40	50	6,35	0,123	1
231958	1 3/4	44	50	6,35	0,144	1
231960	2	51	50	6,35	0,179	1
231962	2 1/8	54	50	6,35	0,198	1
231964	2 3/8	60	50	6,35	0,206	1
231966	2 1/2	64	50	6,35	0,267	1
231968	2 9/16	65	50	6,35	0,279	1
231970	2 11/16	68	50	6,35	0,275	1
231972	2 3/4	70	50	6,35	0,316	1
231974	3	76	50	6,35	0,298	1
231976	3 1/8	79	50	6,35	0,379	1
231978	3 1/4	83	50	6,35	0,428	1
231980	4	102	50	6,35	0,591	1
231982	4 1/2	114	50	6,35	0,773	1

Bi-Metal Hole Saws 10 tpi, 8% Cobalt



Art. No.	Ø	ST	Ø	kg	PU
392050	16	31	6,5	0,046	1
392052	19	31	6,5	0,046	1
392054	20	31	6,5	0,046	1
392056	21	31	6,5	0,046	1
392058	22	31	6,5	0,046	1
392060	24	31	6,5	0,046	1
392062	25	31	6,5	0,046	1
392064	29	31	6,5	0,046	1
392066	30	31	6,5	0,046	1
392070	38	31	6,5	0,046	1
392072	40	31	6,5	0,046	1

Bi-Metal Hole Saws 4 - 6 tpi, 8% Cobalt



Art. No.	Ø Inch	Ø	ST	Ø	kg	PU
231803	9/16	14	30	6,35	0,036	1
231900	3/4	19	35	6,35	0,036	1
231901/21		21	30	6,5	0,046	1
231902	7/8	22	35	6,35	0,046	1
231904	1	25	35	6,35	0,071	1
231904/29		29	30	6,5	0,046	1
231906	1 1/6	27	35	6,35	0,075	1
231908	1 3/16	30	35	6,35	0,079	1
231910	1 1/4	32	35	6,35	0,085	1
231912	1 3/8	35	35	6,35	0,092	1
231912/38		38	30	6,5	0,046	1
231914 *	1 9/16	40	35	6,35	0,086	1
231914/46		46	30	6,5	0,046	1
231916	1 3/4	44	35	6,35	0,105	1
231918 *	2	51	35	6,35	0,133	1
231920	2 1/8	54	35	6,35	0,145	1
231922	2 3/8	60	35	6,35	0,168	1
231924	2 1/2	64	35	6,35	0,192	1
231926	2 9/16	65	35	6,35	0,198	1
231928 *	2 11/16	68	35	6,35	0,214	1
231930	2 3/4	70	35	6,35	0,223	1
231931 *	2 7/8	73	35	6,35	0,236	1
231932	3	76	35	6,35	0,253	1
231934	3 1/8	79	35	6,35	0,275	1
231936 *	3 1/4	83	35	6,35	0,304	1
231938	4	102	35	6,35	0,429	1
231939/111		111	30	6,5	0,046	1
231940	4 1/2	114	35	6,35	0,549	1
231940/127		127	30	6,5	0,046	1
231940/152		152	30	6,5	0,046	1
231940/210		210	30	6,5	0,046	1

Hole saw with edge countersink and board ejector



Art. No.	Ø Inch	Ø	ST	Ø	kg	PU
231929	2 11/16	68	35	6,35	0,036	1

Adapter for hollow saws

Quick change holder for hole saws „RE-LOAD“



Art. No.	Ø	Shank Ø	kg	PU
392010	14 - 210	9,5	0,046	1

Adapter assortment for holder „RE-LOAD“



Art. No.	Ø	Shank Ø	kg	PU
392012	14 - 30	9,5	0,046	1
392014	32 - 210	9,5	0,046	1
392016	14 - 210	9,5	0,046	1

Adapter assortment for hole enlarger „RE-LOAD“



Art. No.	Ø	Shank Ø	kg	PU
392018	14 - 210	9,5	0,046	1

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Centre drill for holder „RE-LOAD“

RE-LOAD



Art. No.	↔	∅	kg	PU
392020	100	6,5	0,046	1

Centre drill for holder 392024 | 392026 | 392028



Art. No.	↔	∅	kg	PU
392022	100	6,5	0,046	1

Hex shank with plug ejection



Art. No.	∅	Shank ∅	kg	PU
392028	32 - 210	9,5	0,046	1

SDS-shank



Art. No.	∅	Shank ∅	kg	PU
392024	14 - 30	11	0,046	1

SDS-shank



Art. No.	∅	Shank ∅	kg	PU
392026	32 - 210	11	0,046	1

Adapter „QuickLock“



Art. No.	∅	Shank ∅	kg	PU
231998	14 - 30	8	0,067	1
231999 *	32 - 210	11	0,107	1

Centre drills for 231998 / 231999



Art. No.	↔	∅	kg	PU
232007	120	9	0,020	1

Hollow saws

Compass saw set bi-metal

Set in black plastic case, dimensions: 255 x 210 x 72 mm

Content:

- HSS bi-metal compass saws ∅ 22mm (231902), ∅ 27mm (231906), ∅ 32mm (231910), ∅ 44mm (231916), ∅ 68mm (231928), ∅ 76mm (231932), ∅ 83mm (231936)
- Drill holder, "QuickLock" with hexagonal receiver: Size 14-30 (231998) and size 32-152 (231999)



Art. No.	set	kg	PU
232011	9	1,850	1

Bi-metal hole saw set

RE-LOAD

Set in black plastic case, dimensions: 255 x 210 x 72 mm

Content:

- Hole saws bi-metal 35 mm
- Hole saws bi-metal 68 mm
- Hole saws bi-metal 76 mm
- Quick change holder for hole saws "RE-LOAD"
- 3 adapters for holder "RE-LOAD" 32 - 210 mm



Art. No.	set	kg	PU
231984	6	0,900	1

Bi-metal hole saw set „QuickChange“

Set in black plastic case, dimensions: 255 x 210 x 72 mm

Content:

- Hole saws bi-metal 35 mm
- Hole saws bi-metal 40 mm
- Hole saws bi-metal 51 mm
- Hole saws bi-metal 68 mm
- Hole saws bi-metal 73 mm
- Hole saws bi-metal 83 mm
- Adapter „QuickLock“



Art. No.	set	kg	PU
230002	7	1,785	1

Threading bits, taps

HSS taps "Direct cutter"



Art. No.	Ø	WS	kg	PU
230982	4	4,5	0,008	1
230984	5	6	0,014	1
230986	6	6	0,017	1
230988	8	6	0,012	1

Taps for armoured steel conduits, metric thread



Art. No.	Ø	kg	PU
140236	16	0,040	1
140238	20	0,060	1
140240	25	0,206	1
140242	32	0,359	1
140244	40	0,648	1
140246	50	0,230	1
140248	63	1,688	1

Adjustable tap wrenches



Art. No.	thd.	tap wrench	kg	PU
140180	M 7-25	PG 7-21	0,850	1

Adjustable tap wrenches DIN 1814



Art. No.	thd.	tap wrench	kg	PU
231050	M1 - 8	0	0,050	1
231052	M1 - 10	1	0,099	1
231054	M1 - 12	1,5	0,097	1
231056	M4 - 12	2	0,285	1
231058	M5 - 21	3	0,700	1
231060	M9 - 27	4	1,270	1
231062	M12 - 33	5	1,630	1
231064	M19 - 38	6	4,520	1

Nipple threading dies



Art. No.	thd.	kg	PU
140190	M 10	0,100	1
140192	M 10	0,130	1

Nipple threading dies



Art. No.	thd.	kg	PU
140210	M 10, M 13	0,210	1

Ratchet wrenches



Art. No.	thd.	WS	kg	PU
231070	85 M3 - 10	2,4 - 5,5	0,174	1
231072	100 M5 - 12	4,5 - 8,0	0,271	1
231074	250 M3 - 10	2,4 - 5,5	0,026	1
231076	300 M5 - 12	4,5 - 8,0	0,420	1

Complete stocks, metric thread



Art. No.	thd.	kg	PU
140214	M 16, M 20, M 25	1,000	1
140216	M 10	1,350	1

Complete stocks, metric thread



Art. No.	thd.	kg	PU
140218	M 32, M 40	2,850	1
140220	M 50, M 63	3,500	1

Dies, metric thread



Art. No.	thd.	kg	PU
140222	M16	0,175	1
140224	M 10	0,138	1
140226	M 10, M 13	0,145	1
140228	M32	0,477	1
140230	M 40	0,130	1
140232	M 50	0,980	1
140234	M 63	0,791	1

Guides, metric



Art. No.	Ø	kg	PU
140250	16	0,037	1
140252	20	0,040	1
140254	25	0,035	1
140256	32	0,030	1
140258	40	0,060	1
140260	50	0,070	1
140262	63	0,134	1

Screw extractor set



Art. No.	size	set	kg	PU
230682	1-5/M3-18	5	0,111	1
230683	1-6/M3-24	6	0,231	1

Hand taps DIN 352, type N/HSS



Art. No.	Ø	WS	kg	PU
230800	1	2,5	0,010	1
230802	1,4	2,5	0,010	1
230804	1,6	2,5	0,002	1
230806	1,8	2,5	0,002	1
230808	2	2,8	0,002	1
230810	2,2	2,8	0,002	1
230812	2,5	2,8	0,002	1
230814	3	3,5	0,033	1
230816	3,5	4	0,004	1
230818	4	4,5	0,017	1
230820	4,5	5,5	0,005	1
230822	5	6	0,034	1
230824	6	6	0,035	1
230826	7	6	0,039	1
230828	8	6	0,046	1
230830	9	7	0,065	1
230832	10	7	0,071	1
230834	11	8	0,025	1
230836	12	9	0,115	1
230838	14	11	0,052	1
230840	16	12	0,062	1
230842	18	14	0,102	1
230844	20	16	0,125	1
230846	22	18	0,182	1
230848	24	18	0,205	1
230850	27	20	0,260	1
230852	30	22	0,395	1
230854	33	25	0,480	1
230856	36	28	0,645	1
230858	39	32	2,400	1
230860	42	32	0,930	1
230862	45	36	1,140	1
230864	48	36	1,370	1
230866	52	40	1,650	1
230868	56	45	2,800	1
230870	60	45	2,900	1

HSS taps set

Contents: M 3, M 4, M 5, M 6, M 8, M 10, M 12, with taps to DIN 352, in metal box,



Art. No.	set	kg	PU
231080	23	0,696	1

Combi, threading bit set, made of HSSG SGE-Bit (DBGM)

Contents: M 3, M 4, M 5, M 6, M 8, M 10



Art. No.	set	kg	PU
231082	7	0,188	1

HSS Tap set

Contents:

hand tap (DIN 352) M 3, 4, 5, 6, 8, 10, 12
 Dies (DIN 223) M 3, 4, 5, 6, 8, 10, 12,
 Dies stock 20 x 5/20 x 7/25 x 9/30 x 11/38 x 14 mm
 tape holder size 1 + 2



Art. No.	set	kg	PU
231280	37	2,520	1

HSS Tap set

Contents:

Hand tap (DIN 352) M 3, 4, 5, 6, 8, 10, 12, 14, 16, 18, 20
 Dies (DIN 223) M 3, 4, 5, 6, 8, 10, 12, 14, 16, 18, 20
 Dies holder 20 x 7/25 x 9/30 x 11/38 x 14/ 45 x 18 mm
 Tap holder size 1 + 2 + 3



Art. No.	set	kg	PU
231282	55	8,200	1

Wood screws

Universal countersunk screw

Chipboard screw, galvanised, counter-sunk head, Pozidriv



Art. No.	↔	∅	Antr.	PU	PrU	
790005	15	3	PZ	2	200	100
790006	25	3	PZ	2	200	100
790008	40	3	PZ	2	200	100
790015	20	3,5	PZ	2	200	100
790016	25	3,5	PZ	2	200	100
790017	30	3,5	PZ	2	200	100
790018	35	3,5	PZ	2	200	100
790079	40	3,5	PZ	2	200	100
790027	30	4	PZ	2	200	100
790029 *	40	4	PZ	2	200	100
790030	45	4	PZ	2	200	100
790031	50	4	PZ	2	200	100
790040	35	4,5	PZ	2	200	100
790041 *	40	4,5	PZ	2	200	100
790043	50	4,5	PZ	2	200	100
790051	30	5	PZ	2	100	100
790053	40	5	PZ	2	100	100
790054	50	5	PZ	2	100	100
790055	60	5	PZ	2	100	100
790056	80	5	PZ	2	100	100
790063	50	6	PZ	3	100	100
790064	60	6	PZ	3	50	100
790065	80	6	PZ	3	50	100

Universal pan head screw

Fibreboard screws, galvanised, pan head Pozidriv



Art. No.	↔	∅	Antr.	PU	PrU	
790090	25	3,5	PZ	2	200	100
790091	30	3,5	PZ	2	200	100
790093	40	3,5	PZ	2	200	100
790100	30	4	PZ	2	200	100
790101	35	4	PZ	2	200	100
790102	40	4	PZ	2	200	100
790103	45	4	PZ	2	200	100
790104	50	4	PZ	2	200	100
790111	40	4,5	PZ	2	200	100
790112	45	4,5	PZ	2	200	100
790113	50	4,5	PZ	2	200	100
790118	30	5	PZ	2	200	100
790120	40	5	PZ	2	200	100
790121	50	5	PZ	2	200	100

Hexagonal wood screws, hot zinc dipped

in accordance with DIN 571, hot zinc dipped, general requirements according to DIN 267 Part 1



Art. No.	↔	∅	∅ _h	PU	PrU
790212/V	80	6	10	25	100
790223/V	60	8	13	25	100
790224/V	80	8	13	25	100
790235/V	60	10	17	10	100

Dry wall screws

galvanised, counter-sunk head, Tx



Art. No.	↔	∅	Antr.	PU	PrU	
790920	32	3,9	TX	20	200	100
790922	41	3,9	TX	20	200	100

Hexagonal wood screws

in accordance with DIN 571, galvanised, general requirements according to DIN 267 Part 1



Art. No.	↔	∅	∅ _h	PU	PrU
790210	40	6	10	50	100
790211	60	6	10	25	100
790212	80	6	10	25	100
790222	50	8	13	25	100
790223	60	8	13	25	100
790224	80	8	13	25	100
790225	100	8	13	25	100
790235	60	10	17	10	100
790236	80	10	17	10	100
790237	100	10	17	10	100

Hooks

galvanised



Art. No.	∅	SftL	PU	PrU
790900	4,2	50 mm	50	100
790902	5,8	80 mm	10	100

Tin screws, assembly screws

TwinSpeed self tapping screw

galvanised, pan head, Phillips cross-head and double helix thread, considerably shortened screw-in times when compared to traditional screws thanks to the double start thread. Uses: Wood, plywood, plasterboard, rawlplugs



Art. No.	↔	∅	Antr.	PU	PrU	
790303	19	3,5	PH	2	100	100
790311	32	3,5	PH	2	100	100
790325	13	4,2	PH	2	100	100
790326	16	4,2	PH	2	100	100
790327	19	4,2	PH	2	100	100
790329	25	4,2	PH	2	100	100
790332	31	4,2	PH	2	100	100
790333	38	4,2	PH	2	100	100
790334	45	4,2	PH	2	100	100
790335	65	4,2	PH	2	100	100

Plate screw DIN 7504

in accordance with DIN 7504M (formerly N), self-tapping, hardened steel, galvanised, pan head with Phillips slot, plate screw thread according to DIN 7970



Art. No.	↔	∅	Antr.	PU	PrU	
790411	13	3,5	PH	2	200	100
790413	19	3,5	PH	2	200	100
790416	13	3,9	PH	2	200	100
790417	16	3,9	PH	2	200	100
790419	25	3,9	PH	2	200	100
790422	13	4,2	PH	2	200	100
790423	16	4,2	PH	2	200	100
790424	19	4,2	PH	2	200	100
790426	25	4,2	PH	2	200	100
790428	32	4,2	PH	2	200	100
790432	13	4,8	PH	2	200	100
790433	16	4,8	PH	2	200	100
790434	19	4,8	PH	2	200	100
790436	25	4,8	PH	2	200	100

Plate screw DIN 7504, Tx

in accordance with DIN 7504M (formerly N), self-tapping, hardened steel, galvanised, Tx, plate screw thread according to DIN 7970



Art. No.	↔	∅	Antr.	PU	PrU	
790510	13	4,2	TX	20	100	100
790512	16	4,2	TX	20	100	100
790514	19	4,2	TX	20	100	100
790516	25	4,2	TX	20	100	100

Mounting screws



galvanised with washer, Philips cross-head, self-cutting



Art. No.	↔	∅	Antr.	PU	PrU
790450	13	4,2 PH	2	100	100
790452	25	4,2 PH	2	100	100
790454	31	4,2 PH	2	100	100
790456	45	4,2 PH	2	100	100

Mounting screws



self-cutting and self-boring, galvanised with washer, Tx



Art. No.	↔	∅	Antr.	PU	PrU
790500	13	4,2 TX	20	100	100
790502	19	4,2 TX	20	100	100
790504	25	4,2 TX	20	100	100

Mounting screws



self-cutting and self-boring, galvanised with washer, Philips cross-head



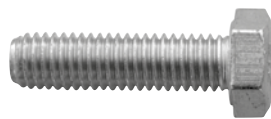
Art. No.	↔	∅	Antr.	PU	PrU
790470	13	4,2 PH	2	100	100

Machinery screws, cylinder screws

Hexagonal machine screws



according to DIN 933, continuous thread, galvanised, 8.8 quality



Art. No.	↔	∅	∅	PU	PrU
790540	20	6	10	100	100
790542	25	6	10	100	100
790544	30	6	10	100	100
790562	20	8	13	100	100
790564	25	8	13	100	100
790566	30	8	13	100	100
790588	20	10	17	100	100
790592	30	10	17	100	100
790616	30	12	19	50	100
790618	40	12	19	50	100

Socket cup screw DIN 84 Form A



in accordance with ISO 1207, EN 21207 or DIN 84, Form A, with slit, made of hardened steel, galvanised, 4.8 quality



Art. No.	↔	∅	drive	PU	PrU
790806	16	3	5,5x0,8	200	100
790808	20	3	5,5x0,8	200	100
790832	16	4	7,0x1,2	200	100
790834	20	4	7,0x1,2	200	100
790837	30	4	7,0x1,2	200	100
790862	16	5	8,5x1,2	200	100
790864	20	5	8,5x1,2	200	100
790867	30	5	8,5x1,2	200	100
790882	16	6	10,0x1,6	200	100
790884	20	6	10,0x1,6	200	100
790888	30	6	10,0x1,6	200	100

Machine screw counter sunk



continuous thread, zinc-plated, pan headed Pozidriv



Art. No.	↔	∅	Antr.	PU	PrU
790700	20	3	PZ	2	100
790702	30	3	PZ	2	100
790704	40	3	PZ	2	100
790706	50	3	PZ	2	100
790710	20	4	PZ	2	100
790712	30	4	PZ	2	100
790714	40	4	PZ	2	100
790716	50	4	PZ	2	100
790721	25	5	PZ	2	100
790722	30	5	PZ	2	100
790724	40	5	PZ	2	100
790726	50	5	PZ	2	100

Hexagonal nuts, washers

Hexagonal nut DIN 934

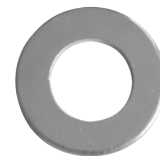
in accordance with ISO 4032, EN 24032 or DIN 934, steel galvanised, 8 quality



Art. No.	∅	∅	PU	PrU
792000	5,5	M3	200	100
792001	7	M4	200	100
792002	8	M5	200	100
792003	10	M6	200	100
792005	13	M8	200	100
792006	17	M10	200	100
792008	19	M12	100	100

Washers DIN 125

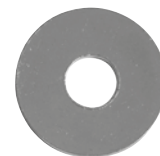
in accordance with ISO 7089, EN 27089 or DIN 125, Form A without chamfer, steel galvanised



Art. No.	M	d1	d4	PU	PrU
792600	M3	3,2	7	200	100
792602	M4	4,3	9	200	100
792603	M5	5,3	10	200	100
792604	M6	6,4	12	200	100
792606	M8	8,4	16	200	100
792607	M10	10,5	20	200	100

Washers

in accordance with ISO 7093, DIN 9021N, zinc-plated steel



Art. No.	M	d1	d4	ST	PU	PrU
792650	4	4,3	12	1	100	100
792651	5	5,3	15	1,6	100	100
792652	6	6,4	20	2	100	100
792654	8	8,4	25	2	100	100
792656	10	10,5	40	2	100	100
792658	12	13	40	2	100	100

Spring washers

according to DIN 127, form A, curved, zinc-plate steel



Art. No.	M	d1	d4	ST	PU	PrU
792756	6	6,4	11,8	2	100	100
792758	8	8,4	14,8	2	100	100
792760	10	10,5	18,1	2	100	100
792762	12	13	21,1	2	100	100



Screws assortments

“Mix” Screws assortment box

Content: 1.425 screws, in plastic bulk storage chest 415 x 335 x 90 mm



Art. No.	Cont.	empty	kg	PU
792802	1425	221131	5,022	1

“Pan head” Screws assortment box

Content: 1.700 screws, in plastic bulk storage chest 415 x 335 x 90 mm



Art. No.	Cont.	empty	kg	PU
792804	1700	221131	6,000	1

“Countersunk” Screws assortment box

Content: 1.800 screws, in plastic bulk storage chest 415 x 335 x 90 mm



Art. No.	Cont.	empty	kg	PU
792806	1800	220131	5,000	1

“Countersunk” Screws assortment box

Content: 1.800 screws, in plastic bulk storage chest 415 x 335 x 90 mm



Art. No.	Cont.	empty	kg	PU
792810	1800	221131	5,760	1

“Mix Tx” Screws assortment box

Content: 1.475 screws, in plastic bulk storage chest 415 x 335 x 90 mm



Art. No.	Cont.	empty	kg	PU
792816	1475	221131	5,022	1

Screws and dowel assortment box „Mix“

Content: 700 screws, 425 dowel in plastic bulk storage chest 415 x 335 x 90 mm



Art. No.	Cont.	empty	kg	PU
792821	1125	221131	6,000	1

SysCon screws assortments

SysCon universal countersunk screws

Content: 1650 universal countersunk screws



Art. No.	Cont.	empty	kg	PU
220389	1650	220370	7,000	1

SysCon plate screws

Content: 2000 universal screws



Art. No.	Cont.	empty	kg	PU
220398	2000	220370	2,600	1

Dowel assortment

Push-through expansion dowel

- For all concrete and masonry building materials, with limitations for cavity building materials
- For fixing all items which can be attached using wood and chipboard screws



Art. No.	Ø	→	screws	D	PU	PrU
794002	6	30	3.5-5.0	40	100	100
794004	8	40	4.5-6.0	50	100	100

Expansion dowel sleeve

- For all concrete and masonry building materials, with limitations for cavity building materials
- For fixing all items which can be attached using wood and chipboard screws



Art. No.	Ø	→	screws	D	PU	PrU
794012	5	25	2.5-4.0	35	100	100
794014	6	30	3.5-5.0	40	100	100
794016	8	40	4.5-6.0	50	50	100
794018	10	50	6.0-8.0	65	25	100

Countersunk nail dowel

- For concrete, solid brick, with limitations for aerated concrete and hollow concrete blocks



Art. No.	Ø	→	screws	ST	PU	PrU
794020	5	30	PZ	5	100	100
794022	5	50	PZ	25	100	100
794024	6	40	PZ	10	50	100
794026	6	60	PZ	30	50	100
794028	6	80	PZ	50	50	100
794030	8	60	PZ	20	50	100

Aerated concrete dowel with setting tool

- For porous concrete (aerated concrete)



Art. No.	Ø	→	screws	D	PU	PrU
794040	10	50	4.0-6.0	60	50	100

Universal metal dowel

- Concrete, solid brick, porous concrete, limitations for perforated bricks and hollow concrete blocks



Art. No.	Ø	→	screws	D	PU	PrU
794050	8	32	5.0-6.0	40	200	100
794052	11	60	6.0-8.0	70	100	100

Spring toggle

- Plasterboard and gypsum fibreboard, chipboard, fibre cement board, cavity brick covers, hollow body covers



Art. No.	Ø	→	Ø	D	D	PU	PrU
794060	4	100	14	35	80	25	100
794062	5	100	16	45	80	20	100

Plasterboard dowel with setting tool

- Plasterboard, limitations for full plasterboard and porous concrete



Art. No.	→	screws	D	D	PU	PrU
794070	24	4.0-6.0	35	80	50	100

Concrete	
Natural stone	
Full bricks	
Porous concrete (aerated concrete)	
Full plasterboard panels	
Perforated bricks	
Hollow concrete blocks	
Plasterboard panels	
Boards/panels	

Nylonbags

HAUPA "ToolPouch"



Art. No.	W	H	D	kg	PU
220103	150	260	30	0,102	1

HAUPA "ToolBelt"



Art. No.	W	H	D	kg	PU
220105	200	300	100	0,326	1

Tool belts

Tool belt



Art. No.	W	H	D	kg	PU
220224	880	280	30	0,350	1

Backpacks

HAUPA "Backpack"



Art. No.	W	H	D	kg	PU
220265	440	500	220	1,990	1

Nylonbags

HAUPA "ToolBag"



Art. No.	W	H	D	kg	PU
220061 *	320	280	190	1,507	1

HAUPA "ToolBag XL"



Art. No.	W	H	D	kg	PU
220366	420	310	220	1,507	1

HAUPA "BigBox"



Art. No.	W	H	D	kg	PU
220095	410	320	240	1,937	1

HAUPA "ProBag"



Art. No.	W	H	D	kg	PU
220368	420	430	300	1,500	1

"Supply" service bag



Art. No.	W	H	D	kg	PU
220292	510	335	220	3,600	1

HAUPA "SquareBag"



Art. No.	W	H	D	kg	PU
220703 *	260	260	230	1,500	1

HAUPA „ToolContainer“



Art. No.	W	H	D	kg	PU
220704	510	320	250	1,500	1

Tool sets

Tool wallets



Art. No.	W	D	kg	PU
220006	600	310	0,452	1

VDE/GS - Tool wallets "Rebell"



Art. No.	W	H	D	kg	PU
220016	300	230	50	0,814	1

Tool holder for construction buckets

Supplied without buckets!



Art. No.	W	H	D	kg	PU
220313 *	305	357	80	0,560	1

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Nylonbags

HAUPA "ToolPouch"



Art. No.	set	empty	kg	PU
220506	5	220103	0,789	1

HAUPA "ToolBelt Standard"



Art. No.	set	empty	kg	PU
220213	8	220105	2,222	1

HAUPA "ToolBelt VDE" 1000 V



Art. No.	set	empty	kg	PU
220211 *	7	220105	1,723	1

Tool belts 1000 V

Tool belt "Basic"



Art. No.	set	empty	kg	PU
220280	10	220224	2,120	1

Tool belt "VDE Plus" 1000 V



Art. No.	set	empty	kg	PU
220281 *	16	220224	2,740	1

Tool belt "VDE" 1000 V



Art. No.	set	empty	kg	PU
220282	8	220224	2,020	1

Backpacks 1000 V

BackpackPro "Basic 1000 V"

221277 | 360°



Art. No.	set	empty	kg	PU
221277	11	220265	3,710	1

BackpackPro "Start 1000 V"

221280 | 360°



Art. No.	set	empty	kg	PU
221280	20	220265	5,200	1

BackpackPro "Basic plus 1000 V"

221278 | 360°



Art. No.	set	empty	kg	PU
221278	19	220265	4,650	1

BackpackPro "Operator 1000 V"

221279 | 360°



Art. No.	set	empty	kg	PU
221279	22	220265	5,570	1

Tool bag 1000 V

HAUPA "ToolBag"



Art. No.	set	empty	kg	PU
220500	23	220061	6,350	1

HAUPA "ToolBag" 1000 V



Art. No.	set	empty	kg	PU
220510 *	13	220061	3,919	1

HAUPA "ToolBag XL Classic"



Art. No.	set	empty	kg	PU
220802	22	220366	6,080	1

HAUPA "ToolBag XL Go"



Art. No.	set	empty	kg	PU
220804 *	14	220366	4,400	1

HAUPA "ToolBag XL 1000 V"



Art. No.	set	empty	kg	PU
220800	13	220366	4,600	1

HAUPA "TrendBox Plus"



Art. No.	set	empty	kg	PU
220556 *	25	220095	6,430	1

HAUPA "TrendBox"



Art. No.	set	empty	kg	PU
220550	20	220095	5,540	1

HAUPA "ProBag Max"



Art. No.	set	empty	kg	PU
220810	29	220368	9,180	1

HAUPA "ProBag Start VDE"



Art. No.	set	empty	kg	PU
220814	20	220368	9,180	1

HAUPA "ProBag Go 1000 V"



Art. No.	set	empty	kg	PU
220812 *	14	220368	6,400	1

Service bags

Service bag "HUPsmartHome"



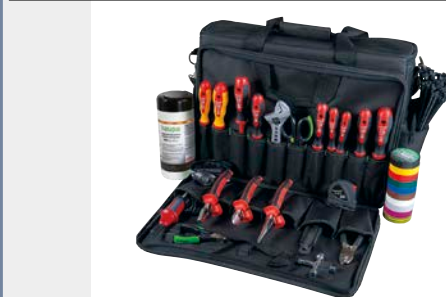
Art. No.	set	empty	kg	PU
220805	30	220292	7,550	1

"Supply Max" service bag



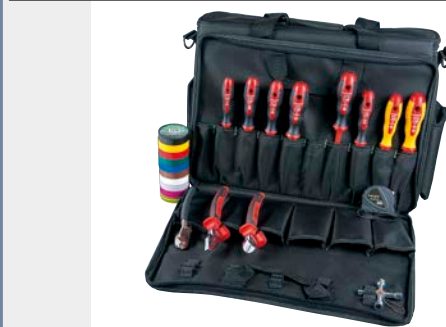
Art. No.	set	empty	kg	PU
220293	30	220292	6,350	1

"Supply Plus" service bag



Art. No.	set	empty	kg	PU
220294 *	24	220292	6,350	1

"Supply Basic" service bag



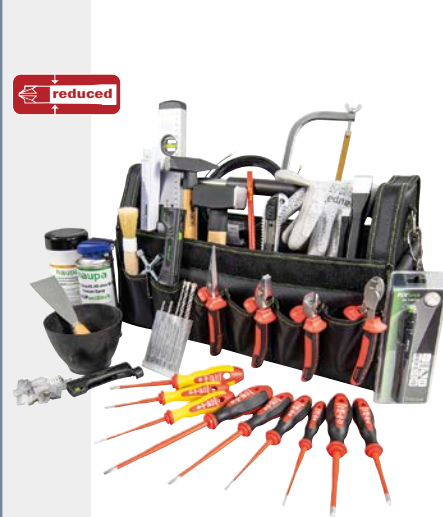
Art. No.	set	empty	kg	PU
220298	14	220292	6,350	1

HAUPA „SquareBag Basic 1000 V“



Art. No.	set	empty	kg	PU
220706	11	220703	3,800	1

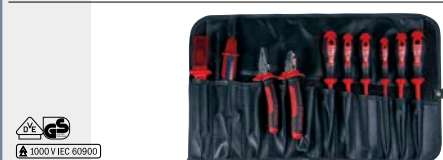
HAUPA „ToolContainer Work“



Art. No.	set	empty	kg	PU
220705	29	220704	4,000	1

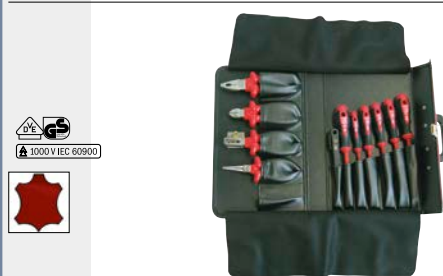
Tool sets 1000 V

VDE security set 1000 V



Art. No.	set	empty	kg	PU
220014	10	220004	1,688	1

VDE/GS - Tool sets 1000 V



Art. No.	set	empty	kg	PU
220130	11	220016	2,216	1

Leather tool cases

Tool case "Tradition" and "Fan"



Art. No.	W	H	D	kg	PU
220022	340	170	110	0,821	1

Tool case "Favorit - Admiral - Profi"

220060: Favorit
220064: Admiral
220066: Profi



Art. No.	W	H	D	kg	PU
220060	365	250	150	2,126	1
220064	470	315	145	2,990	1
220066	420	250	150	2,378	1

Tool case "Comet"



Art. No.	W	H	D	kg	PU
220070	420	320	165	3,939	1

Tool case "Magister"



Art. No.	W	H	D	kg	PU
220142	440	260	165	2,700	1

Brass padlocks



Art. No.	size	kg	PU
220110	30	0,085	1
220112	40	0,135	1

Carrying belts



Art. No.	kg	PU
220054	0,114	1

Leather tool cases

Tool case "Phoenix"



Art. No.	set	empty	kg	PU
220156	39	220070	9,900	1

Tool case "Saphir"



Art. No.	set	empty	kg	PU
220154	31	220070	8,150	1

Tool case "Novelle 1"



Art. No.	set	empty	kg	PU
220152/1	26	220066	6,500	1

Tool case "Alpha"



Art. No.	set	empty	kg	PU
220169	19	220060	5,200	1

Tool case "Start"



Art. No.	set	empty	kg	PU
220168 *	20	220060	6,100	1

Tool case "Start VDE"



Art. No.	set	empty	kg	PU
220168/VDE	20	220060	6,700	1

Tool case "Delux" 1000 V



Art. No.	set	empty	kg	PU
220135	54	220142	9,460	1

Tool case "Rotor" 1000 V



Art. No.	set	empty	kg	PU
220140	46	220142	6,400	1

Hard-top tool cases

Tool case "Start-up S"

ABS



Art. No.	W	H	D	kg	PU
220028	460	180	310	4,500	1

Tool case "Start-up Profi"

ABS



Art. No.	W	H	D	kg	PU
220031 *	500	210	430	6,740	1

Tool case trolley "Start-up Profi"

ABS



Art. No.	W	H	D	kg	PU
220023 *	470	360	220	8,400	1

Tool case "OmegaMax"

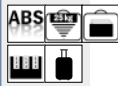
ABS



Art. No.	W	H	D	kg	PU
220042	470	360	200	6,500	1

Tool case trolley "OmegaMax Trolley"

ABS



Art. No.	W	H	D	kg	PU
220048 *	470	360	220	7,000	1

Tool case "Aktion"

ABS



Art. No.	W	H	D	kg	PU
220038	460	310	160	4,580	1

Tool case "Omega"

ABS



Art. No.	W	H	D	kg	PU
220068	460	310	180	5,039	1

Tool case trolley "Fly"

HDPE



Art. No.	W	H	D	kg	PU
220248	470	220	360	6,900	1

Tool case "Pendant"

ABS



Art. No.	W	H	D	kg	PU
220076	460	310	180	5,107	1

ABS hard shell	With document compartment
Maximum case payload 20 kg	With number lock
Maximum case payload 25 kg	Flight-suitable
Maximum case payload 40 kg	TSA lock

Hard-top tool cases

Tool case „ElektroCombo“



Art. No.	set	W	H	D	kg	PU
104090 *	78	490	375	100	6,240	1

Tool case „Start-up Light“



Art. No.	set	empty	kg	PU
220269	14	220028	9,180	1

Tool case „Start-up Go“



Art. No.	set	empty	kg	PU
220267	18	220028	9,180	1

Tool case „Jobstarter Plus“



Art. No.	set	empty	kg	PU
220027	24	220028	10,000	1

Tool case „HUPactive“

ABS



Art. No.	set	empty	kg	PU
220255	24	220030	9,620	1

Tool case „Start-up Max“

ABS



Art. No.	set	empty	kg	PU
220268 *	24	220028	9,180	1

Tool case „Start-up“

ABS



Art. No.	set	empty	kg	PU
220221	20	220031	9,180	1

Tool case „Start-up VDE“

ABS



Art. No.	set	empty	kg	PU
220235 *	19	220031	9,300	1

Tool case „Elektro Plus“

ABS



NEW



Art. No.	set	empty	kg	PU
220257	24	220036	6,500	1

Tool case „EXTRA“

ABS



Art. No.	set	empty	kg	PU
220309	33	220031	8,680	1

Tool case „Profi VDE“ 1000 V

ABS



Art. No.	set	empty	kg	PU
220232	35	220031	12,920	1

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Tool case trolley "Profi mobil"

ABS



Art. No.	set	empty	kg	PU
220273	51	220023	14,700	1

Tool case trolley "Start-up"

ABS



Art. No.	set	empty	kg	PU
220252	19	220023	10,940	1

Tool case trolley "Master"

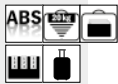
ABS



Art. No.	set	empty	kg	PU
220254 *	38	220023	14,700	1

Tool case trolley "Master Mobil HUPslim" 1000 V

ABS



Art. No.	set	empty	kg	PU
220329	37	220023	14,700	1

Tool case trolley "EXTRA"

ABS



Art. No.	set	empty	kg	PU
220307	33	220023	15,000	1

Service trolley „HUPeMobility“

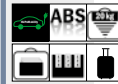
ABS



Art. No.	set	empty	kg	PU
220171	40	220023	19,800	1

Service trolley „HUPeMobility eco“

ABS



Art. No.	set	empty	kg	PU
220327	42	220023	19,000	1

Tool case trolley "Secure mobil" 1000 V

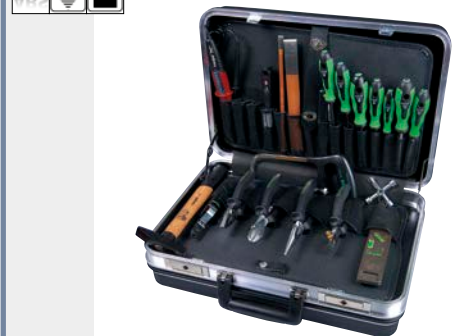
ABS



Art. No.	set	empty	kg	PU
220272	57	220023	14,700	1

Tool case "Panther"

ABS+



Art. No.	set	empty	kg	PU
220040	21	220038	7,460	1

Tool case "2 component"

ABS+ ++



Art. No.	set	empty	kg	PU
220170	19	220038	7,000	1

Network service case

ABS+ ++



Art. No.	set	empty	kg	PU
220141	21	220038	8,800	1

Tool case "Compact"

ABS+ ++



Art. No.	set	empty	kg	PU
220229	47	220038	7,700	1

Tool case "Basic"

ABS+ ++



Art. No.	set	empty	kg	PU
220153 *	19	220038	6,600	1

Tool case "Basic VDE"

ABS+ ++



Art. No.	set	empty	kg	PU
220244	19	220038	7,140	1

Tool case "Inspektor"

ABS+ ++



Art. No.	set	empty	kg	PU
220176	25	220068	8,980	1

Tool case "Akkurat"

ABS+ ++



Art. No.	set	empty	kg	PU
220179	32	220068	8,180	1

Tool case "Diamant"

ABS+ ++



Art. No.	set	empty	kg	PU
220192	23	220068	8,500	1

The ideal tool assortment

ABS+ ++



Art. No.	set	empty	kg	PU
220177 *	32	220068	10,260	1

Tool case "OmegaMax Start VDE"

ABS+ ++



Art. No.	set	empty	kg	PU
220043	19	220042	11,000	1

Tool case trolley "OmegaMax Trolley Start VDE"

ABS+ ++



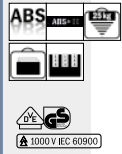
Art. No.	set	empty	kg	PU
220137	19	220048	11,500	1

Standard program

haupa

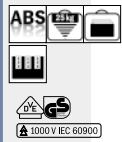
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Tool case "Delux Plus" 1000 V



Art. No.	set	empty	kg	PU
220239 *	54	220076	11,780	1

Tool case "Leopard" 1000 V



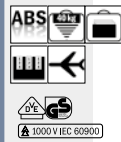
Art. No.	set	empty	kg	PU
220136	32	220076	9,400	1

Tool case "Power Pack" 1000 V



Art. No.	set	empty	kg	PU
220303	21	220076	8,680	1

Tool case "Venus Plus" 1000 V



Art. No.	set	empty	kg	PU
220033	32	220032	10,160	1

Laser marking for your individual tool case



Art. No.	Label	kg	PU
220193		0,002	1

Tool case "HAUPA - Lifesaver" 1000 V



Art. No.	set	W	H	D	kg	PU
220400	54	830	550	300	37,0	1
220079	0	830	550	300	18,6	1

Tool case "Start-up Sanitär"



Art. No.	set	empty	kg	PU
220263	23	220031	9,300	1

Tool case "Start-up SHK"



Art. No.	set	empty	kg	PU
220264	24	220031	14,700	1

Assortment boxes

Assortment boxes with metal catch and pick boxes

Content:
 6 Boxes (S) | 49 x 49 x 72 mm
 11 Boxes (M) | 49 x 98 x 72 mm
 2 Boxes (L) | 98 x 98 x 72 mm
 2 Boxes (XL) | 98 x 148 x 72 mm



Art. No.	W	H	D	kg	PU
221131 *	21	415	90	335	1,630
221133	0	415	90	335	1,200

Systemcontainer

ABS plastic box „SysCon S“

SysCon



Art. No.	W	H	D	kg	PU
220370	400	80	300	2,200	1

ABS plastic box „SysCon M“

SysCon



Art. No.	W	H	D	kg	PU
220372	400	150	300	3,340	1

ABS plastic box „SysCon XL“

SysCon



Art. No.	W	H	D	kg	PU
220650	400	312	300	2,800	1

SysCon transport system

SysCon

Max. load: 200 kg



Art. No.	W	H	D	kg	PU
220653	470	240	105	3,300	1



Video SysCon



SysCon S for assortment inserts, empty

SysCon



Art. No.	W	H	D	kg	PU
220620	400	80	300	3,440	1

SysCon S for assortment inserts, empty

SysCon



Art. No.	W	H	D	kg	PU
220628	400	80	300	4,300	1

SysCon M for assortment inserts, empty

SysCon



Art. No.	W	H	D	kg	PU
220770	400	150	300	4,300	1

SysCon M tool box, empty

SysCon



Art. No.	W	H	D	kg	PU
220622	400	150	300	3,640	1

SysCon S tool box, empty

SysCon



Art. No.	W	H	D	kg	PU
220626	400	80	300	4,300	1

ABS plastic box „SysCon XL“ variable

SysCon



Art. No.	W	H	D	kg	PU
220654	400	312	300	3,640	1

Standard program

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Tool plate

SysCon



Art. No.	W	H	kg	PU
220655	275	285	0,200	1

Tool plate SysCon

SysCon

11 compartments



Art. No.	W	H	D	kg	PU
220379	400	20	300	0,200	1

Tools insert SysCon

SysCon

Polypropylen, 5 compartments



Art. No.	W	H	D	kg	PU
220374	400	80	300	0,200	1

Tools insert SysCon

SysCon

Polypropylen, 10 compartments



Art. No.	W	H	D	kg	PU
220375	400	80	300	0,200	1

Tools insert SysCon

SysCon

Polypropylen, 18 compartments



Art. No.	W	H	D	kg	PU
220355	400	80	300	0,230	1

Tools insert SysCon

SysCon

Polypropylen, with 12 adjustable compartments



Art. No.	W	H	D	kg	PU
220356	400	80	300	0,320	1

Box S

SysCon

ABS, conical design for stacking with snap on base plate



Art. No.	W	H	D	kg	PU
221134	49	72	49	0,012	1

Box M

SysCon

ABS, conical design for stacking with snap on base plate



Art. No.	W	H	D	kg	PU
221135	98	72	49	0,012	1

Box L

SysCon

ABS, conical design for stacking with snap on base plate



Art. No.	W	H	D	kg	PU
221136	98	72	98	0,050	1

Box XL

SysCon

ABS, conical design for stacking with snap on base plate

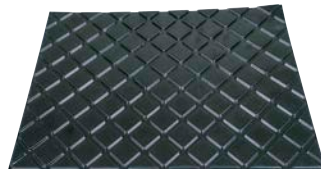


Art. No.	W	H	D	kg	PU
221137	148	72	98	0,060	1

Baseplate for fixing

SysCon

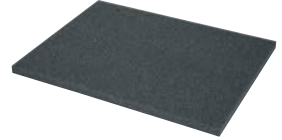
Polypropylene, grids for even better non-slip grip



Art. No.	W	D	kg	PU
221138	400	300	1,200	1

Foam insert SysCon

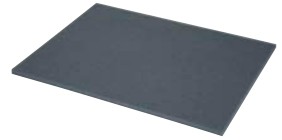
SysCon



Art. No.	W	H	D	kg	PU
220376	395	15	300	0,030	1

Foam insert SysCon

SysCon



Art. No.	W	H	D	kg	PU
220399	395	10	300	0,020	1

Foam insert SysCon

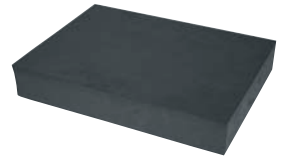
SysCon



Art. No.	W	H	D	kg	PU
220377	395	20	300	0,055	1

Foam insert SysCon

SysCon

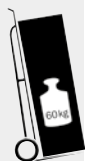


Art. No.	W	H	D	kg	PU
220378	395	65	300	0,200	1

SysCon hand truck



- up to 60 kg
- sturdy aluminum frame
- Hand truck shovel: 390 x 280 mm



Art. No.	max. kg	kg	PU
220602	60	3,230	1

SysCon load securing "SysConCar"



Properties:

- 21 slots (rear side)
- 3 round holes each side, left and right
- 5 round holes in floor plate
- Width: 475 mm, height: 1080 mm, depth: 360 mm
- Volume for contents:
max. 5 ABS boxes „SysCon M“
max. 8 ABS boxes „SysCon S“



Art. No.	W	H	D	kg	PU
220644	475	1080	360	5,000	1

SysCon tool case set



Art. No.	set	empty	kg	PU
220392	17	220372	4,300	1

SysCon tool case set „Start VDE“



Art. No.	set	empty	kg	PU
220608	22	220372	4,300	1

SysCon „HUPeMobility“



Art. No.	set	empty	kg	PU
220610	52	220650	19,500	1

HUPchemie - Adhesion+Sealing

Construction Glue HUPfix+

- Extrem High Initial Adhesion
- Bond Cabel-Trunks, Distriubution-Boxes and Cables to Walls, Wood and Metal
- No Retaining of the to be Bonded Parts at Overhead and Vertical Places
- Paintable



Art. No.	Col.	kg	PU
170206 *	310 ml	0,530	1

MS-Polymer HUPfix

- High-Standard Glue and Sealant based on MS-Polymer
- UV-, Weather-, Sea-Water- and Chlorine-Resistant
- Food grade certificate
- Paintable



Art. No.	Col.	kg	PU
170216	310 ml transp.	0,390	1
170210	310 ml gray	0,390	1
170212	310 ml black	0,390	1
170214	310 ml white	0,390	1

HUPsilicon

- Suitable for Internal and External Expansion Grooves
- In Accordance to DIN 18545 Part 2
- Aging-, Weather- and UV-Resistant, Permanent Elastic



Art. No.	Col.	kg	PU
170200	310 ml transp.	0,450	1
170202	310 ml white	0,450	1

High temperature silicon HUPsilicon

- High temperature resistance
- Oil and grease resistant
- Ageing, weather, and UV-resistant, permanently elastic



Art. No.	Col.	kg	PU
170250	310 ml black	0,450	1

Cartridge tip



Art. No.	kg	PU
300116	0,003	12

Cartridge gun „Profi“

- for 310 ml cartridges
- for processing silicone and polymer cartridges



Art. No.	kg	PU
170254	0,450	1

2 Component High-Performance-Adhesive HUPmega

- High-Tensile Two Component Adhesive with automatic Mixer
- Excellent Impact-, Peeling- and Sheer-Strength
- For Plasic, Wood, Glass, Steel, Stainless-Steel and Aluminium



Art. No.	kg	PU
170220	25 ml	0,075

Mixing nozzle

- for 2-component adhesive



Art. No.	kg	PU
170234	0,009	1

2 Component-epoxyd glue HUPepoxyd

- Reach extrem strength
- Sealing compound
- Universal use



Art. No.	kg	PU
170222	25 ml	0,051

2 Component liquid metal HUPfastMetal

- Repair of steel and castings
- Repair of dry holes
- Fast curing



Art. No.	kg	PU
170224	25 ml	0,059

HUPsuperglue

- Super-Glue from Cyanoacrylate
- For High-Strength Bonding of Metals and Plastic Combinations
- Low-Viscosity



Art. No.	kg	PU
170226 *	20 ml	0,028

Fine droplet tip

- for superglue



Art. No.	kg	PU
170236	0,003	1

Double-Sided Acryl Tape HUPtapeDouble

- Double-Sided Transparent Acryl-Tape
- Extreme Strong Adhesive on smooth Surfaces
- Moisture-Resistant, Does not Damage Surfaces



Art. No.	kg	PU
170232	0,053	1

Screw-Locking Medium-Strength HUPlockM

- Medium Strength Highly-Viscous, Srew-Locking up to M36
- Removable
- Temperature-Resistant form -55°C up to +150°C
- Pump dosing feeder



Art. No.	kg	PU
170238	50 ml	0,083 1

Screw-Locking High-Strength HUPlockH

- High Strength Medium-Viscous, Srew-Locking up to M20
- For Heavily Vibration and Impact Stressed Threads
- Temperature-Resistant form -55°C up to +150°C
- Pump dosing feeder



Art. No.	kg	PU
170240	50 ml	0,083 1

HUPchemie - Coating+Lubrication

Anti-Friction-Coating HUPcable

- Easy Pulling of Cables into Hoses
- Extreme Friction Reduction
- Save up to 50% of Time and Force



Art. No.	kg	PU
170174 *	400 ml	0,360 1

Water-based lubricants and slip agents

This prevents 80% of friction and facilitates cable laying through excellent slippage in every situation. As soon as the water is evaporated, the main part of the lubricant remains und ensures that old cables can easily be pulled out and new ones inserted, for many years and at different temperatures.

Gel lubricant art. 143344: plastic bottle 500 ml
Gel lubricant art. 143345: plastic bottle 1.000 ml



Art. No.	kg	PU
143344	500 ml	0,572 1
143345	1000 ml	1,100 1

Dispenser for plastic bottle



Art. No.	kg	PU
143346	0,016	1

Water-based lubricants and slip agents

This prevents 80% of friction and facilitates cable laying through excellent slippage in every situation. As soon as the water is evaporated, the main part of the lubricant remains und ensures that old cables can easily be pulled out and new ones inserted, for many years and at different temperatures.

Foam lubricant, spray can 400 ml



Art. No.	kg	PU
143348	400 ml	0,457 1

Aluminium-Spray HUPalu

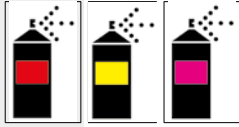
- Pure Aluminium Spray 99,5%
- High-Temperature-Resistant up to 900°C
- Scratch-, Brushing-, Abrasion- and Weather-Resistant



Art. No.	kg	PU
170154	400 ml	0,450 1

Marking Paint HUPmark

- High luminosity and opacity
- Work in any position
- Fast-drying, abrasion- and weather-resistant



Art. No.	Col.	kg	PU
170140	500 ml red	0,600	1
170141	500 ml yellow	0,600	1
170142	500 ml pink	0,600	1

Zinc-Spray HUPzinc

- Heat-Resistant, Weather-Resistant and Quick-Drying
- Forms a Water-Insoluble Zinc-Oxide Layer



Art. No.	Col.	kg	PU
170150	400 ml Dark	0,450	1
170152 *	400 ml Light	0,450	1

Zinc spray 550 HUPzincKorro

- Protects Surfaces after Welding, Repair and Damages
- Heat-Resistant, Weather-Resistant and Quick-Drying
- Forms a Water-Insoluble Zinc-Oxide Layer



Art. No.	kg	PU
170153	400 ml	0,450 1

Stainless-Steel-Spray HUPinox

- Stainless Steel Coating with alloy of Cr, Ni, Mn
- Heat Resistant up to 300°C
- Weather Resistant



Art. No.	kg	PU
170156	400 ml	0,450 1

Silicone-Spray HUPsil

- Universal Lubricant based on Silicone
- Water- and Temperature-Resistant from -30°C up to +200°C
- Antistatic, Anti-Corrosive and Waterproof



Art. No.	kg	PU
170162	400 ml	0,450 1

Universal-Lubricant HUP40

- Silicone-Free Oil Based Lubricant
- Loosens all kind of Mechanical Connection due to Rust
- Effective against Surface Moisture and Creepage
- Current, Lubricate and Maintain



Art. No.	kg	PU
170166	400 ml	0,450 1

PTFE-Spray HUPptfe

- Oil-free Universal Lubrication for all kind of Materials
- High-Temperature Resistant from -60°C up to +250°C
- Quick Drying, Highly-Adhesive, Grease-Free and Colorless



Art. No.	kg	PU
170158	400 ml	0,450 1

Allround PTFE-Spray HUPptfeSynt

- Lubricant for Precision and Pressure-Loaded Parts
- Long lasting Lubrication under very strong Pressure
- Releases jammed Screws



Art. No.	kg	PU
170160	400 ml	0,450 1

Polymer-Spray HUPpolymer

- Universal Lubricant based on Polymer
- Long-term care for Rubber, EPDM, PP, PVC
- Coefficients of Friction are reduced up to 40%



Art. No.	kg	PU
170170	400 ml	0,450 1

Cutting-Oil HUPdrill

- Alloyed Oil with EP-Additives and Polar Substances
- Very Economical and Efficient
- Suitable for Steel and Non-Ferrous Metals



Art. No.	kg	PU
170172	400 ml	0,450 1

Anti-Rust-Spray HUPrustEX

- Penetrates and dissolves extremely effective rust
- Protects against new rust attack
- Releases jammed Screws



Art. No.	kg	PU
170164	400 ml	0,450 1

Contact spray HUPwetBlock

- Protection of all kind of Electrical Contacts against moisture
- Blocks Wet
- Long Time Elimination of Creeping Current and Oxidation



Art. No.	kg	PU
170180 *	400 ml	0,4166 1

HUPchemie - Cleaning

Fast degreaser HUPdegreaser

- Intensive Cleaner and Degreaser
- Removes Dust, Dirt, Oil and Grease
- Residue-Free and Fast Evaporation



Art. No.	kg	PU
170102 *	500 ml	0,600 1

Electric-Engine-Cleaner HUPelectroClean

- Cleans Relays, Wires, Coils, Contacts and Engines
- Removes Dust, Dirt, Grease und Coal Dust
- Evaporates without Residue



Art. No.	kg	PU
170114 *	400 ml	0,550 1

Multi Cleaner HUPcleanMulti

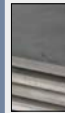
- Multifunctional Cleaner
- Best Cleanliness by Oil, Grease and Wax
- Buildings, Vehicles and Machines



Art. No.	kg	PU
170104	500 ml	0,550 1

Metal Degreaser HUPmetalClean

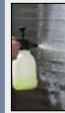
- Intensive Cleaner and Degreaser
- Removes Dust, Dirt, Oil and Grease
- Residue-Free and Fast Evaporation



Art. No.	kg	PU
170103	500 ml	0,600 1

Foam Cleaner HUPclean

- Intensive Foam-Cleaner for Windows, Monitors and Plastic Surfaces
- Streak-Free and Spotless Cleaning
- Highly Concentrated and Skin-Sensitive



Art. No.	kg	PU
170100	500 ml	0,550 1
170101	1000 ml	1,000 1

Label-Remover HUPIableEx

- Residue-Free removal of Adhesive Residues and Labels.
- Removes Bitumen and fresh PU Foam
- Powerful and Gentle on the Material



Art. No.	kg	PU
170112	400 ml	0,450 1

Compressed Air HUPair

- Removes Dust, Dirt and other Deposits
- For Cooling and Debugging of overheated Parts



Art. No.	kg	PU
170106 *	400 ml 0,450	1

Compressed Air non-flammable HUPairXtra

- Cleaning of electrical Contacts, Devices and Parts
- Removes Dust and Dirt in Cabinets and Instrumentation and Control Units
- Cleaning of ITC Devices and Moduls



Art. No.	kg	PU
170108	400 ml 0,450	1

Dosage cap „Target Control System“

- Not for sprays art: 170106, 170150, 170152, 170400



Art. No.	kg	PU
170406	0,015	1

HUPskinProtect

- Protects the Skin by a Protective Film
- Avoids Contact with Oil, Grease, Tar, Paint and other Dirt
- Skin remains breathable and does not dry out



Art. No.	kg	PU
170116	250 ml 0,300	1

Cleaning Wipes HUPwipe

- Cleans Maschines, Devices and Plastic Surfaces
- Removes Rust, Grease, Edding Lines and Nicotine
- For heaviest Soiling in Industrial and Craft



Art. No.	kg	PU
170118	0,200	1

Hand cleaning cream HUPsoap, 500 ml

- with inlaid, fine scrubbers on PU-flour-base
- pore-deep and gentle cleaning
- refatting
- economical
- good biodegradability



Art. No.	kg	PU
170126	500 ml 0,500	1
170127	3000 ml 3,000	1
170128	10000 ml 10,000	1

Dispenser for hand cleaning cream HUPsoap, 3l

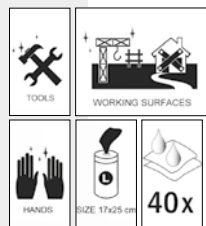
- compatible for art. 170127
- Stainless steel tube



Art. No.	kg	PU
170129	0,800	1

Industrial cleaning wipes HUPwipeMini

- Effortlessly removes: Grease, Paint, Oil, Tar, Ink, Silicone, Glue and more...
- Suitable for hand cleaning



Art. No.	W	kg	PU
150601	170 250	0,135	1

HUPchemie - Testing

Freeze-Spray HUPcool

- Fault-Finding in electronics
- Shock-Freezing down to -50°C
- Frees from Bonding



Art. No.	kg	PU
170400	400 ml 0,455	1

Smoke-Detector-Test-Spray HUPdetect

- Simulated Fire Smoke
- About 150 to 200 Test Operations
- Fast and Reliable



Art. No.	kg	PU
170404	250 ml 0,180	1

Soldering accessoires

Soldering irons



Art. No.	∅	Volt	Watt	kg	PU
160142	265	5	220	60	0,322
160144	315	3	220	80	0,319
160146	320	5	220	100	0,324

Soldering irons



Art. No.	∅	Volt	Watt	kg	PU
160150	250	1,5	220	30	0,264

Soldering irons



Art. No.	∅	Volt	Watt	kg	PU
160190	200	2,5	220	15	0,257

Torch brazing set SolderingKit

12-pieces, for pocket lighter butane gas, with Piezo ignition, heating time: +/- 25 seconds (peak), performance can be infinitely regulated, temperatures with naked flame up to 1200 °C, brazing up to 550 °C, heat shrinking up to 680 °C, burn time approximately 60 minutes, in black plastic case.



Art. No.	set	kg	PU
262098	12	0,670	1



Solder in triangular sticks DIN 1707

Art. No.	Sn%	kg	PU
160112	30	0,275	1
160114	40	0,247	1

Soldering stone



Art. No.	size	kg	PU
160130	65 x 45 x 20	0,070	1

Soldering paste acc. to DIN 8511-F-SW 26



Art. No.	kg	PU
160090	0,073	1

Soldering fluid acc. to DIN 8511-F-SW 32



Art. No.	size	kg	PU
160092	50 ml	0,054	1

Grease for soft-soldering acc. to DIN 8511-F-SW 21



Art. No.	size	kg	PU
160094	50 ml	0,072	1
160096	100 ml	0,132	1

Soldering grease for fittings acc. to DIN 8511-F-W 22



Art. No.	size	kg	PU
160100	70 ml	0,080	1

Soldering fluid acc. to DIN 8511-F-W 21



Art. No.	size	kg	PU
160102	50 ml	0,065	1

Solder for electronic work

Solder for electronic work acc. to DIN EN 29453



Art. No.	Sn%	∅	kg	PU
160020	60	1	0,104	1
160022	60	1	0,253	1
160024	60	1	0,529	1
160026	60	1	1,008	1
160028	60	1,5	0,016	1
160030	60	1,5	0,106	1
160042	60	1,5	0,247	1
160044	60	1,5	0,528	1
160046	60	1,5	1,022	1
160050	60	2	0,108	1
160052	60	2	0,250	1
160054	60	2	0,529	1

Solder for electronic work acc. to DIN EN 29453



Art. No.	Sn%	∅	kg	PU
160000	60	1	0,009	1
160002	60	1	0,106	1
160004	60	1	0,259	1
160006	60	1	0,528	1
160008	60	1	1,015	1
160012	60	1,5	0,102	1
160014	60	1,5	0,255	1
160016	60	1,5	0,523	1
160018	60	1,5	1,024	1

Solder for electronic work acc. to DIN EN 29453



Art. No.	Sn%	∅	kg	PU
160060	40	2	0,106	1
160062	40	2	0,257	1

Fittings' solder acc. to DIN EN 29453



Art. No.	Sn%	∅	kg	PU
160070	40	1,5	0,018	1
160072	40	2	0,103	1
160074	40	2	0,258	1

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... convincing solutions

Solder lead-free (RoHS-directive)

Solder wire according to DIN EN 29453



Art. No.	Sn%	Ø	kg	PU
160420	99	1	0,114	1
160422	99	1	0,262	1
160424	99	1	0,536	1
160426	99	1	1,000	1
160430	99	1,5	0,112	1
160442	99	1,5	0,266	1
160444	99	1,5	0,500	1
160446	99	1,5	1,000	1
160450	99	2	0,109	1
160452	99	2	0,257	1
160454	99	2	0,527	1

Solder wire according to Din EN 29453



Art. No.	Sn%	Ø	kg	PU
160402	99	1	0,114	1
160404	99	1	0,250	1
160406	99	1	0,500	1
160408	99	1	1,000	1
160414	99	1,5	0,258	1
160416	99	1,5	0,535	1
160418	99	1,5	1,000	1

Pipe Pliers

Pipe pliers 45°

forged, finger pinch protection



Art. No.	↔	⊙	⊙"	kg	PU
618/1	310	49	1	0,725	1
618/11/2	425	65	1 1/2	1,572	1
618/2	540	84	2	2,648	1
618/3	685	120	3	4,100	1
618/4	815	135	4	5,650	1

Corner pipe pliers

forged, special hardened teeth, S-opening, polished, finger pinch protection



Art. No.	↔	⊙	⊙"	kg	PU
619/1/2	245	39	1/2	0,443	1
619/1 *	320	49	1	0,821	1
619/11/2 *	440	68	1 1/2	1,416	1
619/2	560	85	2	2,380	1
619/3	675	120	3	2,700	1

Pipe pliers set

Consisting of:

- 1 corner pipe pliers 1"
- 1 corner pipe pliers 1 1/2"
- 1 water pump pliers 240 mm
- 1 corner pipe pliers 1 1/2"
- 1 water pump pliers 240 mm



Art. No.	set	kg	PU
9001	3	2,581	1

Chain pipe wrench

pipes 3/4 - 4"



Art. No.	↔	⊙	⊙"	kg	PU
623/3/4-4	320	30-200	4	0,940	1

Replacement chain



Art. No.	↔	⊙	⊙"	kg	PU
623-1/3/4-4	30-200	4		0,359	1

Water Pump Pliers

Water pump pliers

heavy duty, high quality finish, with 7 position box joint, finger pinch protection



Art. No.	↔	⊙	⊙"	kg	PU	
685/175	175	32	33	1 2/7	0,152	1
685/240	240	39	40	1 4/7	0,308	1
685/300	300	52	53	2	0,528	1

Water pump pliers

Grip surfaces are hardened inductively, INOX pushbutton and spring. Self-clamping to tubes and nuts. With finger clamp protection, 11-level fine adjustment



Art. No.	↔	⊙	⊙"	kg	PU	
687/150	150	30	32	1 1/4	0,135	1
687/180 *	180	36	36	1 1/2	0,191	1
687/250 *	250	46	50	2	0,326	1
687/300 *	300	60	70	2 3/4	0,550	1

Water pump pliers „BR!powerXL“

Grip surfaces are hardened inductively, INOX pushbutton and spring. Self-clamping to tubes and nuts. With finger clamp protection, 27-level fine adjustment



Art. No.	↔	⊙	⊙"	kg	PU	
687/400	400	100	104	3 1/2	1,376	1

Water pump pliers | automatic

special hardened teeth, burner hole, finger pinch protection, patented technology



Art. No.	↔	⊙	⊙"	kg	PU	
682/250	250	42	46	1 1/2	0,361	1

Instrument Keys

Fittings pliers | Key pliers

automatic jaw width adjustment, with push-button single hand adjuster, finger pinch protection, replaces open-end wrench set



Art. No.	↔	⊙	⊙"	kg	PU
689/180 *	180	36	1	0,267	1
689/240 *	240	50	2	0,534	1
689/300 *	300	68	2 1/2	0,725	1

Instrument key

Chrome vanadium steel, inner roller



Art. No.	↔	⊙	kg	PU
22-1/300	300	80	0,867	1

Instrument key

Chrome vanadium steel, inner roller, protective jaws made of plastic



Art. No.	↔	⊙	kg	PU
27/300	300	80	0,832	1

More Pliers

Folding pliers

forged steel, straight shape



Art. No.	↔	Width	kg	PU
1608/60	260	60	0,575	1

Folding pliers

forged steel, 45° angled shape



Art. No.	↔	Width	kg	PU
1609/60	260	60	0,600	1

Folding pliers

forged steel, 90° angled shape



Art. No.	↔	Width	kg	PU
1609-1/60	260	60	0,602	1

Gutter brackets bending pliers

with feed roller, also suitable for plastic-coated gutter brackets



Art. No.	↔	kg	PU
1616/620	620	3,200	1

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powered by **haupa**[®]

Siphon pliers

chrome-plated, 4 adjustment options



Art. No.	↔	↻	kg	PU
663	240	80	0,280	1

Revolving punch pliers

special sheet steel, with 6 pipes



Art. No.	↔	Hole Ø	kg	PU
516/220	220	2,0 - 4,5	0,336	1

Blind riveting pliers

for rivets



Art. No.	↔	Ø	kg	PU
522	200	5	0,625	1

Schaffner control pliers

polished, nickel-plated, 3 mm round mandrel



Art. No.	↔	Ø	kg	PU
543/120	120	3	0,173	1

Lead pipe sizing pliers

pipes Ø 1 1/2"



Art. No.	↔	Ø	kg	PU
696/240	240	40	0,434	1

Strap wrench



Art. No.	W	Ø	kg	PU
660	20	170	0,233	1

Screwing tools

Screwdriver set

6 pieces:
4 slot-head screwdrivers 80 x 3, 100 x 4, 125 x 5.5, 150 x 6.5 mm
2 cross-head screwdrivers PZ 1, PZ 2



Roll repressive

Art. No.	set	kg	PU
2122 *	6	0,430	1

Workshop screwdriver

mat chrome-plated blade, 2-component handle with a hole



Art. No.	BL	CW	kg	PU
2070/125	125	6	0,087	1
2070/150	150	8	0,120	1

Screwdriver

mat chrome-plated blade, 2-component handle with a hole



Art. No.	BL	CW	kg	PU
2066/80	80	3	0,022	1
2066/100	100	3,5	0,026	1

Screwdriver | PZ

mat chrome-plated blade, 2-component handle with a hole



Art. No.	BL size	kg	PU
2080/1	80 1	0,049	1
2080/2	100 2	0,081	1

Screwdriver | PH

mat chrome-plated blade, 2-component handle with a hole



Art. No.	BL size	kg	PU
2080-1/1	80 1	0,048	1
2080-1/2	100 2	0,076	1

Screwdriver set 1000 V

7 pieces, 1000 V:
4 slot-head screwdrivers 1000 V
75 x 2.5, 100 x 4, 125 x 5.5, 150 x 6.5 mm
2 cross-head screwdrivers 1000 V PZ 1, PZ 2
1 safety voltage tester 150 - 250 Volt (GS-certified)

⚠ 1000 V IEC 60900



Roll repressive



Art. No.	set	kg	PU
2126/7 *	7	0,514	1

Screwdriver 1000 V

1000 V, matt chrome-plated blade with protective insulation, individually tested to IEC 60900

⚠ 1000 V IEC 60900



Art. No.	BL	CW	kg	PU
2073-8/75	75	2,5	0,035	1
2073-8/100	100	4	0,056	1
2073-8/125	125	5,5	0,088	1
2073-8/150	150	6,5	0,110	1

Screwdriver 1000 V | PZ

1000 V, matt chrome-plated blade with protective insulation, 2-component handle with a hole, individually tested to IEC 60900

⚠ 1000 V IEC 60900



Art. No.	BL size	kg	PU
2079-18/1	80 1	0,060	1
2079-18/2	100 2	0,090	1

Screwdriver 1000 V | PH

1000 V, matt chrome-plated blade with protective insulation, 2-component handle with a hole, individually tested to IEC 60900

⚠ 1000 V IEC 60900



Art. No.	BL size	kg	PU
2079-8/1	80 1	0,059	1
2079-8/2	100 2	0,090	1

Safety voltage tester 1000 V

for 150 - 250 Volt, with clip



Art. No.	↔	CW	kg	PU
2088/145	145	4	0,016	1

Voltage tester set 1000 V

for 150 – 250 Volt, with clip



Art. No.	set	kg	PU
2088-1/145	12	0,018	1

Screwdriver set with striking cap

Screwdriver set with striking cap
2 K impact screwdrivers
Slot-head and cross-head PH with hexagonal shaft
for attachment point with continuous blade and strike plate
made of CV steel for direct impact transfer from plate to tip

Sizes: slot-head 1 x 3.5 | 1 x 4.5 | 1 x 5.5 | 1 x 6.5 cross-head 1 x PH1 size 5 | 1 x PH2 size 6 striking cap



Roll repressive



Art. No.	set	kg	PU
2128	6	0,887	1

TX-Screwdriver-Set

6 pieces:
Torx screwdrivers with a centre hole
STX 10, 15, 20, 25, 30, 40
black tips



Art. No.	set	kg	PU
2036 *	6	0,569	1

Claw-type gripper magnetic

flexible claw-type gripper, length 60 cm, ideal for gripping screws, nuts etc. that are difficult to reach



Art. No.	kg	PU
1830	0,124	1

Bit tools

Bit holder

with magnet and circlip



Art. No.	kg	PU
2142	0,170	1

Bit holder

with magnet and circlip



Art. No.	kg	PU
2142-1	0,107	1

Wheel ratchet for bits

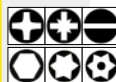
Easy to handle in tight spaces



Art. No.	Ø	H	kg	PU
2139	40	20	0,099	1

Bit set | 32 pieces | colour-coded

32 pieces:
1 bit holder with quick release
1 adaptor for 1/4"
30 bits



Art. No.	set	kg	PU
2145	32	0,247	1

Open-End & Point Ring Wrenches | Ratchet wrenches

Ratchet wrenches 4 in 1

4 in 1
The ratchet wrench handles 4 different nut sizes



Art. No.	span w.	span w.	kg	PU
83 *	200	10 x 13 17 x 19	0,283	1

Open-end wrench 6 x 7 mm

lange, schlanke Form, sehr hohe Belastbarkeit



Art. No.	span w.	span w.	kg	PU
56/6X7	6	7	0,020	1
56/8x9	8	9	0,096	1
56/10x11	10	11	0,133	1
56/10x13 *	10	13	0,049	1
56/12x13	12	13	0,061	1
56/14x15	14	15	0,082	1
56/14x17	14	17	0,110	1
56/16x17	16	17	0,114	1
56/17x19 *	17	19	0,180	1
56/18x19	18	19	0,151	1
56/20x22	20	22	0,203	1
56/21x23	21	23	0,230	1
56/22x24	22	24	0,248	1
56/24x27 *	24	27	0,302	1
56/25x28	25	28	0,400	1
56/30x32	30	32	0,498	1
56/36x41	36	41	1,014	1
56/41x46	41	46	1,625	1
56/46x50	46	50	1,570	1

Combination wrench

long, slimline shape, very high strength, ring end at 15° angle



Art. No.	span width	kg	PU
64/10 *	10	0,043	1
64/13 *	13	0,790	1
64/17 *	17	0,163	1
64/19	19	0,208	1
64/24	24	0,350	1

Open-end wrench set

long, slimline shape, very high strength



Art. No.	set span width	kg	PU
58-1/8	8 6-22	0,797	1
58-1/10 *	10 6-27	1,363	1
58-1/12	12 6-32	2,300	1

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powered by haupa

Combination wrench set

long, slimline shape, very high strength



Art. No.	set	span width	kg	PU
66-1/8	7	6-19	0,890	1
66-1/10 *	10	8-22	1,112	1

Twelve-point ring wrench set

width across flats 6 x 7 - 24 x 27 mm

long, slimline shape, very high strength, at 75° angle



Art. No.	set	span width	kg	PU
81-1/10	10	6-27	2,196	1

Adjustable wrench

opening 22° angled, adjustable



Art. No.	span width	Degrees °	kg	PU
49/250	250	30	0,421	1
49/310	310	36	0,657	1

Socket Wrenches & Inserts

Socket wrench set "BRImultiLock" | 87 pieces ^{1/2" 1/4"}

Troubleshooter!
BRINKO „BRImultiLock“ for damaged, contorted Hex-Bolts

1/2" reversible ratchet with internal and external hexagon, 12-tooth profile, 1/2" and 1/4" drive, long sockets, sockets, 32 bit inserts and other accessories



Art. No.	set	kg	PU
127-1 *	87	5,931	1

Socket wrench set "BRImultiLock" | 55 pieces ^{1/4"}

Troubleshooter!
BRINKO „BRImultiLock“ for damaged, contorted Hex-Bolts

27 Bit-Einsätze und weiteres Zubehör, Supplied in a plastic case, 55 pieces, twelve-tooth profile, 1/4" drive



Art. No.	set	kg	PU
122 *	55	1,836	1

Reversible ratchet Plumbing ^{1/2"}

1/2" drive, with square socket and square drive bit



Art. No.	span width	kg	PU
129-3/250	250	0,520	1

Reversible ratchet ^{1/4"}

1/4" drive, with connecting square



Art. No.	span width	kg	PU
123-1/110	110	0,140	1

Universal screw insert ^{1/2"}

the steel pins automatically adjust to every shape from Ø 9 - 21 mm



Art. No.	span width	kg	PU
128 *	22	0,138	1

"BRImultiLock" insert ^{1/2"}

hexagon, 1/2" drive, also for loosening rounded and damaged Hex-Bolts



Art. No.	span width	kg	PU
129-12/10	10	0,046	1
129-12/11	11	0,058	1
129-12/13	13	0,050	1
129-12/14	14	0,063	1
129-12/17	17	0,061	1
129-12/19	19	0,065	1
129-12/22	22	0,085	1
129-12/24	24	0,104	1
129-12/26	26	0,116	1
129-12/29	29	0,167	1
129-12/32	32	0,215	1

Reversible ratchet ^{1/2"}

with 1/2" square drive, inside



Art. No.	span width	kg	PU
672/265	265	0,459	1

Hexagonal insert ^{1/4"}

1/4" drive



Art. No.	WS	kg	PU
123-7/6	6	0,011	1
123-7/8	8	0,012	1
123-7/10	10	0,014	1
123-7/13	13	0,024	1

Hexagonal insert XL ^{1/2"}

1/2" drive, extra long design for problem-free assembly of inside wall installation rails



Art. No.	span width	kg	PU
129-13/13	75	13	0,110

Allen insert ^{1/2"}

allen key 6 mm, 1/2" drive



Art. No.	WS	kg	PU
129-14/6	6	0,065	1

Adaptor

3/4" 1/2"

square socket 3/4", square bit drive 1/2"



Art. No.	kg	PU
129-100	0,171	1

Extension | bendy

1/4"

1/4" drive



Art. No.	span width	kg	PU
127-2	150	0,068	1

Extension

1/2"

1/2" drive



Art. No.	span width	kg	PU
129-7/125	125	0,192	1

Connecting square

1/2"

1/2" drive



Art. No.	kg	PU
129-9/1/2	0,044	1

Socket wrench

precision steel pipe (DIN 896B), drawn seamlessly, chrome-plated



Art. No.	sp. width	sp. width	kg	PU
92/6x7	6	7	0,026	1
92/8x9	8	9	0,042	1
92/10x11	10	11	0,052	1
92/12x13	12	13	0,071	1
92/14x15	14	15	0,090	1
92/17x19	17	19	0,155	1
92/19x22	19	22	0,248	1
92/20x22	20	22	0,248	1
92/22x24	22	24	0,276	1
92/24x27	24	27	0,296	1
92/30x32	30	32	0,416	1
92/32x36	32	36	0,539	1

Socket wrench set

6 pieces, precision steel pipe (DIN 896B), drawn seamlessly, chrome-plated



Art. No.	set	kg	PU
92-1	6	1,140	1

Socket wrench

Precision hexagonal steel pipe, chrome-plated



Art. No.	span width	kg	PU
94/10	10	0,080	1
94/13	13	0,860	1
94/17	17	0,809	1
94/19	19	0,914	1
94/22	22	1,190	1
94/36	36	1,366	1

Hexagon socket wrench

for installing mixers and taps on washbasins, as well as for door opening at elevators



Art. No.	span width	kg	PU	
90/9	400	9	0,224	1
90/10	400	10	0,224	1
90/11	400	11	0,250	1
90/12	400	12	0,250	1
90/13	400	13	0,250	1

Triangular socket wrench

for explosion-endangered lighting systems, junction boxes as well as for door opening at elevators



Art. No.	span width	kg	PU	
104/3	90	3	0,025	1
104/4	90	4	0,028	1
104/5	100	5	0,030	1
104/6	112	6	0,060	1
104/8	125	8	0,083	1
104/10	140	10	0,159	1

Torque wrench

Torque wrench

automatic with advance setting, reversible ratchet with 1/4" drive, 3 inserts: 6, 8, 10 mm



Art. No.	Nm	kg	PU
129-30	300 6 - 30	0,935	1

Hex Keys

Hex key set

long design, even easy to reach greatly recessed screws



Art. No.	set	size	kg	PU
110	9	1,5 - 10	0,418	1

Hex key set

hex/ball-end combined, the ball-end allows you to screw up to a 30° angle



Art. No.	set	size	kg	PU
114 *	9	1,5 - 10	0,422	1

Hex key set

practical removable handle to work comfortably - as T- or angled handle or screwdriver



T-HANDLE

SCREWDRIVER-HANDLE



ANGLED HANDLE



Art. No.	set	size	kg	PU
115/2	9	1,5 - 10	0,513	1

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Tap extension wrench

socket wrench for tap extensions and pipe plugs



Art. No.	WS	kg	PU
109/1	3/8 x 3/4" 3/8"	0,219	1
109/2	1/2 x 3/4" 3/8"	0,252	1

Hex key

Chrome vanadium steel, bright nickel-plated



Art. No.	span width	kg	PU
112/1,5	1,5	0,090	1
112/2	2	0,100	1
112/2,5	2,5	0,003	1
112/3	3	0,005	1
112/4	4	0,010	1
112/5	5	0,016	1
112/6	6	0,028	1
112/7	7	0,035	1
112/8	8	0,050	1
112/9	9	0,075	1
112/10	10	0,120	1
112/11	11	0,130	1
112/12	12	0,150	1
112/13	13	0,203	1
112/14	14	0,283	1
112/15	15	0,307	1
112/17	17	0,466	1
112/19	19	0,660	1
112/22	22	0,950	1
112/24	24	1,200	1

Switch cabinet key

with adapter for 1/4" bit, hexagonal drive, with reversible bit: length 39 mm, slot 1.0 x 7 mm, cross PH 2



Art. No.	kg	PU
119	0,085	1

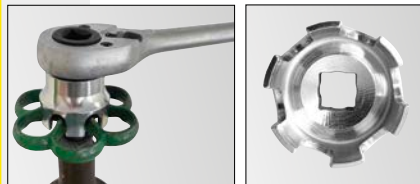
Sanitary special tools

Handwheel socket „BRlwheelNut“

Now even the most stubborn barriers are solved with ease!

The special tool, which is protected with a design pattern, consists of a basic body with protruding webs that engage in the openings of almost all handwheels and that can be driven with a 1/2" ratchet.

Due to the force applied centrally from above and the distribution of the pressure points over several surfaces, a non-destructive actuation of valves and slides is made possible.



Art. No.	kg	PU
129-50 *	0,141	1

Bath installation set "deluxe" | 16 pieces

- 16-part set
- S-bend connector assembly tool
- Corner valve screwing aid
- Universal screw bit up to 21 mm
- Valve holder for eccentric and standard valves
- Toilet seat assembly wrench
- Ratchet wrench, 4 in 1
- Combination basin cock wrench 13 mm with 5 bits 9, 10, 11, 12, 14 mm and 1 claw
- Deep hole marker for all surfaces
- Reversible ratchet, 1/2", CV steel, with internal and external square drive bit
- Hanger bolt screwdriver Ø 10 mm



Art. No.	set	kg	PU
677-1 *	16	3,200	1

Bath installation set "basic" | 6 pieces

- 6-part set
- 1 S-bend connector assembly tool, square socket for 1/2" drive
- 1 angle valve screw-in aid, square socket for 1/2" drive
- 1 universal screw insert, 1/2" drive
- 1 valve holder for rotary control and standard valves
- 1 open-end wrench 17 x 19 mm
- 1 reversible ratchet, square socket and square drive bit, 1/2" drive



Art. No.	set	kg	PU
677 *	6	3,794	1

WC seat installation wrench

simple to install and remove WC seats, universal bung wrench with more than 19 possible applications suitable for virtually all fastening systems



Art. No.	kg	PU
661 *	0,060	1

Toilet seat & sanitary installation wrench BRImultiKey 19 in 1

The BRINKO Toilet seat & sanitary installation wrench 'BRImultiKey' 19 in 1 is a multi-talent for the different screw connections on toilet seats, and adapters on water taps and fittings (Perlators/aerators).

WITHOUT an adapter:

Up to 11 different wing nuts of the toilet seat can be opened or screwed on.

WITH adapter:

Open and/or screw on 10 mm nuts (M6 threaded rods) or 13 mm nuts (M8 threaded rods).



Art. No.	kg	PU
662	200	0,100

Combination washbasin tap wrench

for all fittings up to 14 mm, size 32 mm



Art. No.	set	kg	PU
655 *	6	0,527	1

Washbasin tap wrench insert



Art. No.	span width	kg	PU
655-1/9	9	0,011	1
655-1/10	10	0,011	1
655-1/11	11	0,016	1
655-1/12	12	0,016	1
655-1/14	14	0,018	1
655-1/32		0,151	1

Washbasin tap wrench

for fixing nuts up to size 32 mm



Art. No.	span width	kg	PU
665/235	235 8-32	0,495	1

S-connection assembly set

Consisting of:
1 reversible ratchet, CV steel, with 1/2" drive, with connecting square
1 S-connection assembly tool



Art. No.	set	kg	PU
676-1 *	2	0,873	1

S-connection assembly tool

inserting and removing tool, turns to left and right + SW 36



Art. No.	kg	PU
676	0,267	1

Angle valve screw-in aid

to screw angle valves in and out without causing any damage, also suitable for places which are difficult to access



Art. No.	kg	PU
659	0,230	1

Combination angle valve key

The right tool, especially in tight spaces.
To screw angle valves in and out without causing any damage with double connection. (e.g. for dishwasher).
Common 1/2" ratchets or socket wrenches are used for driving.



NEW

Art. No.	kg	PU
659-1	0,241	1

Valve holder

to lock eccentric and standard valves in place, when installing siphons and drains, on washbasins and sinks etc.



Art. No.	kg	PU
725 *	120	0,195

Duo valve holder

Now, holding it during installation is no longer a problem, and there's no risk of slipping that could damage the chrome plating.



NEW

Art. No.	kg	PU
726	0,195	1

Assembly Connection Gauge

the installation connection gauge is a measuring tool for the optimal alignment of standardized fittings, such as bathtub and shower batteries, corner and recessed valves, pipe connectors, and vents, dimensional and spatial alignment of all common installation inside dimensions 1/2" in bare brickwork



Art. No.	kg	PU
2845 *	1,245	1

Valve extension cutter with chip collection

for trimming 1/2" valve extensions made of red brass



Art. No.	kg	PU
705/1/2 *	0,112	1

Tap reseating tool

with two compression springs



Art. No.	size	kg	PU
714/1	1	0,350	1
714/2	2	0,338	1

Replacement milling cutters



Art. No.	Inch	kg	PU
718/3/8		0,006	1
718/1/2		0,010	1
718/3/4		0,021	1
718/1		0,030	1

Tap reseating tool

supplied in a metal case:
1 tap reseating tool, cylindrical shape, with two compressed springs



Art. No.	set	kg	PU
715/2		0,877	1

Plumbing Wrenches

Plumbing installation wrench

for attaching washbasins and angle valves



Art. No.	WS	kg	PU
105/10 *	17 - 19	0,242	1

Plumbing four-way socket wrench

for valve extensions up to 100 mm: 3/8", 1/2", 3/4", 1"



Art. No.	span width	kg	PU
106 *	10 - 22	0,570	1

Plumbing four-way socket wrench

for valve extensions up to 80 mm: 3/8", 1/2", 3/4", 1"



Art. No.	span width	kg	PU
106-2	10 - 22	0,540	1

Hanger bolt spanner

Hanger bolt nut

for fast and effortless screwing and unscrewing of stay bolts, express and hanger bolts without damaging the thread



Art. No.	∅	kg	PU
101/10	10	0,188	1

Hanger bolt driver

Multidirectional hanger bolt driver, with hexagonal driver for power tools



Art. No.	∅	kg	PU
102/8 *	8	0,084	1
102/10 *	10	0,114	1

Hanger bolt wrench

with adjustable chuck, for M6, M8, M10, M12 thread



Art. No.	kg	PU
103	0,288	1

Step Wrenches

Step wrench set

1 reversible ratchet, 1 step wrench 105 mm



Art. No.	span width	kg	PU
674 *	105	0,679	1

Step wrench set

1 reversible ratchet, 1 step wrench 86 mm



Art. No.	span width	kg	PU
675 *	86	0,556	1

Step wrench for radiator

for radiator screw connections, with square bit drive 18 mm



Art. No.	span width	kg	PU
670/170	170	0,237	1

Turning tool

square drive 18 mm



Art. No.	span width	kg	PU
671/240	240	0,280	1

Step wrench for radiator and water

for radiator screw connections and short valve extensions, with 1/2" square drive



Art. No.	span width	WS	kg	PU
673/86 *	86	9,5 - 17	0,097	1

Step wrench for radiator and water

1/2"

for radiator screw connections and short valve extensions, with 1/2" square drive



Art. No.	WS	kg	PU
673/105 *	105 8 - 22	0,136	1

Step wrench for gas

for gas tap connection fittings



Art. No.	WS	kg	PU
673-1/1	86 12 - 15	0,138	1

Step wrench for gas

for gas tap connection fittings



Art. No.	WS	WS	kg	PU
673-1/2	86 19 24	0,175	1	

Step wrench for gas and water

combined use for tap extensions and gas tap connection fittings



Art. No.	WS	kg	PU
673-2/2	86 15 - 24	0,181	1

Step wrench

small design for valve nipples



Art. No.	WS	kg	PU
666/1	9,5 - 17	0,106	1

Step wrench

small design for valve nipples



Art. No.	WS	kg	PU
666/2	10 - 17	0,195	1

Sleeve extractor

Sleeve extractor set

1/2"

For the extraction of threaded pipe connections, sleeves and nipples 3/8" and 1/2 - 3/4"



Art. No.	set	kg	PU
1088 *	5	1,426	1

Sleeve extractor

For the extraction of threaded pipe connections, sleeves and nipples



Art. No.	Ø"	kg	PU
1087/5	3/8	0,096	1
1087/7	1/2 - 3/4	0,262	1

Hole Saws

Metal saw bow

with quick dowel pin



Art. No.	Sbl.	kg	PU
1724/300	300	0,750	1

Universal bow saw

with all-purpose saw blade



Art. No.	Sbl.	kg	PU
1726/146	146	0,168	1

Universal bow saw

with all-purpose saw blade



Art. No.	Sbl.	kg	PU
1728/146	146	0,095	1

Universal bow saw | fold-down

with all-purpose saw blade



Art. No.	Sbl.	kg	PU
1729/146	146	0,133	1

Hand saw blades

Saw blade Universal

for universal, precise sawing work



Art. No.	WS	TPI	kg	PU
1730/146 *	146	24	0,002	12

Saw blade Metal

for high quality sawn edges



Art. No.	WS	TPI	kg	PU
1732/146	146	32	0,002	12

Saw blade Wood

for effortless sawing work in wood



Art. No.	WS	TPI	kg	PU
1731/146	146	14	0,029	12

Metal cutting saw blade HSS

HSS, flexible, for plastics and metal



Art. No.	WS	TPI	kg	PU
1738/300	300	24	0,017	10

Metal cutting saw blade HSS-Bi-metal

HSS-Bi-metal, flexible



Art. No.	WS	TPI	kg	PU
1739/300 *	300	24	0,017	10

Metal cutting saw blade

spring steel (C 75)



Art. No.	WS	TPI	kg	PU
1740/300 *	300	24	0,044	10

BRINKO
powered by haupa

Knives

Universal knife

"Das Original" BRINKO cutter knife, blade feed with automatic lock



"Das Original"
BRINKO cutter knife

Art. No.	kg	PU
2980 *	0,103	1

Blade dispenser „Black Blades“

"Original" BRINKO "Black Blades" super sharp blade for precise cuts, maximum lifespan thanks to flame hardening process



10 x



"Original"
BRINKO „Black Blades“

Art. No.	kg	PU
2982 *	0,081	1

Cable knife



Art. No.	kg	PU
3525	0,083	1

Cable knife



Art. No.	kg	PU
3526	0,057	1

Universal knife

blade depot for 5 blades



Art. No.	kg	PU
2991	0,170	1

Cable stripping knife

cast steel blade with scraper



Art. No.	BL	kg	PU
3520	111	0,071	1

Blade dispenser trapezoidal

10 x



Art. No.	kg	PU
2992	0,025	1

Blade dispenser hook

10 x



Art. No.	kg	PU
2993	0,031	1

Shears

Ideal scissors



Art. No.	mm	kg	PU
762/260 *	260	0,581	1

Ideal scissors



Art. No.	mm	kg	PU
786/260	260	0,609	1

Punching scissors



Art. No.	mm	kg	PU
792/250	250	0,500	1

Punching scissors



Art. No.	mm	kg	PU
793/250	250	0,514	1

Shaped punching scissors



Art. No.	mm	kg	PU
794/250	250	0,470	1

Straight cutting scissors



Art. No.	mm	kg	PU
798/300	300	0,726	1

Hammers

Club hammer

with hickory handle



Art. No.	↔	kg	PU
1409/1000	260	1,128	1
1409/1250	260	1,388	1
1409/1500	280	1,650	1

Cross peen hammer

with hickory handle



Art. No.	↔	kg	PU
1470/300	300	0,373	1
1470/500	320	0,601	1

Chisels

Chisel



Art. No.	SW	kg	PU
2174/26	26	0,203	1

Sharp chisel SDS-Plus



Art. No.	↔	kg	PU
1340/250	250	0,171	1

Flat chisel SDS Plus



Art. No.	↔	SW	kg	PU
1341/250 *	250	20	0,253	1

Spade chisel SDS Plus



Art. No.	↔	SW	kg	PU
1342/200 *	200	40	0,264	1

Nail setter



Art. No.	Length	kg	PU
1391/6	6	0,162	1

Pointed punch



Art. No.	↔	Thickness	kg	PU
1315/120-10	120	10	0,062	1
1315/120-12	120	12	0,089	1

Brushes

Wire brush



Art. No.	↔	Rows	kg	PU
1708/3	295	3	0,103	1
1708/4 *	295	4	0,151	1
1708/5	295	5	0,145	1

Wire brush



Art. No.	↔	Rows	kg	PU
1708-1/3	295	3	0,116	1
1708-1/4	295	4	0,137	1

Burner brush

wooden body



Art. No.	↔	Rows	kg	PU
1709-1/80 *	200	2	0,027	1

Burner brush

with plastic handle



Art. No.	↔	Rows	kg	PU
1710	225	2 x 13	0,130	1

Fitting brush

for cleaning the inside of pipe ends



Art. No.	↔	∅"	kg	PU
1706/12	12	3/8	0,027	1
1706/15 *	15	1/2	0,025	1
1706/18	18	5/8	0,027	1
1706/22	22	3/4	0,028	1
1706/28	28	1	0,038	1

Fitting brush

for cleaning the inside of pipe ends



Art. No.	↔	∅"	kg	PU
1706-1/15	15	1/2	0,055	1
1706-1/18	18	5/8	0,055	1
1706-1/22	22	3/4	0,060	1

Fitting brush

for cleaning the outside of copper pipe ends



Art. No.	↔	↑○"	kg	PU
1705/12	12	3/8	0,021	1
1705/15	15	1/2	0,026	1
1705/18	18	5/8	0,034	1
1705/22	22	3/4	0,032	1
1705/28	28	1	0,040	1

Brass brush

in three rows



Art. No.	↔	Rows	kg	PU
1709/40x20 *	175	3	0,023	1

Files

Engineer's file half round



Art. No.	BL	CW	kg	PU
1654-1/250	250	7	0,290	1

Engineer's file round



Art. No.	BL	CW	kg	PU
1653-1/250	250	10	0,165	1

Installation rasp



Art. No.	BL	CW	kg	PU
1658-1/250	250	7	0,262	1

Engineer's file flat



Art. No.	BL	CW	kg	PU
1655-1/250	250	6,3	0,339	1

Wood rasp



Art. No.	BL	CW	kg	PU
1666-1/250	250	23,8	0,247	1

File rasp



Art. No.	BL	CW	kg	PU
1664/200	200	23,5	0,170	1

Plaster's Tools

Plaster ladle



Art. No.	∅	kg	PU
2994/160	160	0,340	1

Plaster cup



Art. No.	∅	kg	PU
2996/135	135	0,161	1

Painter's spatula



Art. No.	W	kg	PU
2952/30	30	0,050	1
2952/40	40	0,058	1
2952/50	50	0,060	1
2952/70	70	0,080	1

Plasterer's spatula



Art. No.	W	kg	PU
2900/60	60	0,075	1

Trowel



Art. No.	↔	kg	PU
2904/140	140	0,166	1

Tongue trowel



Art. No.	↔	kg	PU
2908/160	160	0,139	1

Brushes

Water brush



Art. No.	∅	kg	PU
2998	30	0,026	1

Flat brush



Art. No.	Width	kg	PU
2999-1/25	25	0,016	1
2999-1/50	50	0,031	1

Radiator brush



Art. No.	Width	kg	PU
2997/25	25	0,021	1
2997/40	40	0,021	1

Tool cases

Tool case "plumbing"

ABS

Hard-top case



Art. No.	W	H	D	kg	PU
7410	480	370	225	6,500	1

Tool case "BRlactive"

ABS

Hard-top case, black, fitted with 23 special tools



Art. No.	set	empty	kg	PU
7419	23	7410	11,700	1

Tool case "Plumbing CLASSIC"

ABS

Hard-top case, black, fitted with 22 special tools



Art. No.	set	empty	kg	PU
7418	22	7410	11,809	1

Tool case "Plumbing EXCLUSIVE"

ABS

Hard-top case, black, fitted with 37 special tools



Art. No.	set	empty	kg	PU
7438	37	7410	16,489	1

Tool case "Plumbing Swimming pool EXCLUSIVE"

ABS

Hard-top case, black, fitted with 35 special tools



Art. No.	set	empty	kg	PU
7530	35	7410	14,963	1

Young technician toolbox - Plumbing/heating

ABS

Hard-top case, black, fitted with 23 special tools



Art. No.	set	empty	kg	PU
7421	23	7410	11,000	1

Apprentice case „BRbasic“

ABS

Hard case, black, fitted with 14 special tools



Art. No.	set	empty	kg	PU
7416	14	220030	8,880	1

“Skater” tool trolley

Hardshell case made of PP plastic

HDPE



INSENSITIVE CORROSION FIRMLY SHOCK-RESISTANT BIKES

Art. No.	W	H	D	kg	PU
7413	470	360	220	9,300	1

Tool bags

Construction bucket set | 15 pieces

Tool bag made of extra strong polyester 1680D including bucket 12 litres and 13 other products



Art. No.	set	empty	kg	PU
9025	15	220313	2,620	1

Tool wallet



Art. No.	W	H	kg	PU
7000/5	250	300	0,126	1
7000/15	680	330	0,260	1

HDPE tool case extra deep

Tool case made of a combination of cowhide and ABS plastic



Art. No.	W	H	D	kg	PU
7360	450	340	190	3,800	1

Cowhide & ABS tool case Premium “Plumbing EXCLUSIVE”

Tool case made of a combination of cowhide and ABS plastic



Art. No.	set	empty	kg	PU
7362	45	7360	11,815	1

Service bag

Strong tool bag made of hard-wearing 600D Polyester



Art. No.	W	H	D	kg	PU
7515	450	350	190	2,157	1

Service bag “Plumbing CLASSIC”

Strong tool bag made of hard-wearing 600D Polyester, fitted with 22 special tools



Art. No.	set	empty	kg	PU
7516	22	7515	7,366	1



Pencils & Marker

Pressure testing pump

for safe tightness testing on water pipes, brass piston, 1/2" hose connection



Art. No.	bar	kg	PU
7640	60	7,800	1
7640-1	manometer	0,070	1
7640-2	pressure hose Ø 1/2"	0,727	1

Pressure testing pump stainless steel

for safe tightness testing on pipes, in particular with chemically contaminated, aggressive liquids, also suitable for solar panel systems and underfloor heating systems



Art. No.	bar	kg	PU
7641	60	6,400	1
7641-1	manometer	0,070	1

Pencils & Marker

DRY Profi

Effective pressing mechanism for automatic lead propulsion in robust stainless steel tube



Art. No.	kg	PU
2513	0,018	1

DRY Profi LED

Integrated LED lamp for precise markings in poorly-lit areas



Art. No.	kg	PU
2514	0,029	1

Deep-hole marker 2-in-1 with a sharpener

One pen - two functions

With a cap: Retractable pencil for precise marking and writing

Without a cap: Deep-hole marker for drilling and installation tasks



Art. No.	kg	PU
2528	165	0,021 1

Duo marker sanitary

1 pen, 2 colours

made of high-quality lime wood this soft hardwood can be sharpened very well and offers an optimal combination of stability and flexibility), for marking different measuring points, hot and cold water pipes or for corrections



Art. No.	kg	PU
2510	175	0,012 1

DRY construction marker

integrated tip, ideal single hand operation



Art. No.	kg	PU
2511	0,028	1

DRY leads | Graphite



Art. No.	set	kg	PU
2511-1	12	0,029	1

DRY leads | Basic

graphite, red, yellow



Art. No.	set	kg	PU
2511-2	12	0,028	1

DRY leads | Special

white, green, blue



Art. No.	set	kg	PU
2511-3	12	0,026	1

INK deep hole marker black



Art. No.	kg	PU
2515/1	0,019	1

INK deep hole marker red



Art. No.	kg	PU
2515/2	0,019	1

INK deep hole marker blue



Art. No.	kg	PU
2515/3	0,019	1

All-purpose pencil

also writes on greasy or damp surfaces



Art. No.	kg	PU
2524/235	235	0,014 1

Carpenter's pencil



Art. No.	kg	PU
2523/240	240	0,012 1

Sharpener



Art. No.	kg	PU
2522	0,010	1

BRINKO[®]
powered by haupa

Marking chalk red



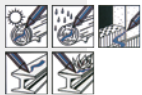
Art. No.	Length (mm)	Weight (kg)	Packing Unit (PU)
2525	120	0,010	1

Marking chalk yellow



Art. No.	Length (mm)	Weight (kg)	Packing Unit (PU)
2525-1	120	0,010	1

Marking chalk blue



Art. No.	Length (mm)	Weight (kg)	Packing Unit (PU)
2525-2	120	0,010	1

Soapstone crayon



Art. No.	Length (mm)	Weight (kg)	Packing Unit (PU)
2526/100	100	0,026	1

Set of numbers

normal quality, to be hammered into steel and iron
3 mm, 7 mm, 70 mm



Art. No.	size	set	kg	PU
3552/3	3	9	0,266	1
3552/4	4	9	0,320	1
3552/6	6	9	0,555	1
3552/8	8	9	0,869	1

Letter set



Art. No.	size	set	kg	PU
3562/6	6	27	1,615	1

Spirit Levels

Lightweight metal spirit level



Art. No.	Length (mm)	Weight (kg)	Packing Unit (PU)
2836/300	300	0,180	1
2836/400	400	0,267	1
2836/600	600	0,378	1
2836/800	800	0,505	1
2836/1000	1000	0,646	1

Magnetic spirit level

with extra strong magnets for a secure hold on pipes, metal in inside walls, installations and other steel components



Art. No.	Length (mm)	Weight (kg)	Packing Unit (PU)
2836-1/400	400	0,299	1
2836-1/600	600	0,451	1
2836-1/800	800	0,560	1
2836-1/1000	1000	0,670	1

Brackets

Bracket



Art. No.	TL long	TL short	kg	PU
2550/700	700	300	0,448	1

Bracket



Art. No.	TL long	TL short	kg	PU
2562/1000	1000	500	2,214	1

Measuring Tools

Feeler gauge



Art. No.	TL	TMA	kg	PU
2814/20	100	0.05-1	0,089	1

Plumblines



Art. No.	Ø	Length (m)	kg	PU
2861/50	1	50	0,040	1

Plumblines



Art. No.	Ø	Length (m)	kg	PU
2862/50	1,7	50	0,046	1

Gloves

Breathable protective gloves

very comfortable to wear, hands remain cool and dry



Art. No.	size	size	kg	PU
3454/9	9	L	0,043	1
3454/10	10	XL	0,043	1
3454/11	11	XXL	0,043	1

Work gloves „BRIGecko“

latex-coated glove palm, repels liquid



Art. No.	size	size	kg	PU
3458/9	9	L	0,063	1
3458/10	10	XL	0,063	1

Work gloves

PU-coating



Art. No.	size	size	kg	PU
3459/10	10	XL	0,105	1

Cut-protection gloves

excellent grip, comfortable, close fit and elastic, excellent protection (Cat. 5) when working with sharp-edged objects



Art. No.	size	size	kg	PU
3451/10	10	XL	0,105	1

Safety Glasses

Safety glasses

especially for spectacle wearers



Art. No.	kg	PU
4255	0,062	1

Safety glasses

3M reflective strips at edge of glasses



Art. No.	kg	PU
4258	0,045	1

Safety glasses

3M reflective strips at edge of glasses



Art. No.	kg	PU
4259	0,030	1

Safety glasses



Art. No.	kg	PU
4266	0,060	1

Safety glasses

attractive design



Art. No.	Col.	kg	PU
4278-1		0,023	1
4278-3		0,023	1

Welder's Goggles

Welder's tightly fitting safety goggles

bead made of PVC



Art. No.	kg	PU
4250	0,077	1

Welder's goggles

with fold-out, well ventilated side protection meshes



Art. No.	kg	PU
4260	0,049	1

Replacement lenses



Art. No.	Col.	kg	PU
4262	transparently	0,034	1

Replacement lenses



Art. No.	kg	PU
4263	0,031	1

Protection

Ear muffs



Art. No.	dB	kg	PU
4210	24	0,170	1

Ear plugs



Art. No.	dB	kg	PU
4207	25	0,011	1

Siphon

Guaranteed the right siphon for your application with the highest degree of security, up to max. 80 kg horizontally, 40 kg vertically



Art. No.	kN	kg	PU
1180	0,39	0,600	1

Tension cable | 8 mm, length 1 m

versatile and practical



Art. No.	ST	kg	PU
1140/8	1000	8	0,695

BRINKO[®]
powered by **haupa**

Pipe cutter

Carbon steel, stainless steel pipe cutter

Special pipe cutter for INOX, C-steel and Cu pipes, pipes with Ø 3-35 mm or 1", up to 3 mm wall thickness



Art. No.	Ø	kg	PU
633-71/35 *	3 - 35	0,333	1

Replacement parts for INOX pipe cutter 633-71/35

633-75A	Cutting wheel with needle bearing Stainless steel, carbon steel	1
633-76	Guide roller set	1
633-2	Deburrer	1
633-4	Wheel bolt	1

Ratchet cut | stainless steel, carbon steel

Problem-solver for pipes that are already installed



Art. No.	Ø	kg	PU
622/28	8 - 28	0,479	1

Replacement parts for ratchet cut 622/28

622-1	Cutting wheel Stainless steel, carbon steel	1
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Mini pipe cutter

For stainless steel, copper and brass pipes Ø 3 - 16 mm, 1/8 - 5/8"



Art. No.	Ø	kg	PU
631 *	3 - 16	0,138	1

Replacement parts for mini pipe cutter 631

632-1	Cutting wheel Stainless steel, copper, brass	1
632-11	Cutting wheel Copper, brass	1
631-2	Roller	1
631-3	Roller bolts	1
631-4	Wheel bolt	1

Miniature pipe cutter

For stainless steel, copper and brass pipes



Art. No.	Ø	kg	PU
631-5	3-25	0,188	1

Replacement parts for miniature pipe cutter 631-5

632-1	Cutting wheel Stainless steel, copper, brass	1
632-11	Cutting wheel Copper, brass	1
631-52	Roller	1
631-53	Roller bolts	1
631-54	Wheel bolt	1

Compact pipe cutter

For pipes Ø 3 - 30 mm, 1/8 - 1 1/8"



Art. No.	Ø	kg	PU
631-10	3 - 30	0,230	1

Replacement parts for compact pipe cutter 631-10

632-1	Cutting wheel Stainless steel, copper, brass	1
632-11	Cutting wheel Copper, brass	1
631-12	Roller	1
631-13	Roller bolts	1
631-14	Wheel bolt	1

Pipe cutter with deburrer for stainless steel, copper and brass pipes, plastic and composite pipes

With extra strong fast running spindle
4-roller guide with groove for beading
integrated rotation deburrer
made of die-cast magnesium, particularly light



Art. No.	Ø	kg	PU
633/35 *	3 - 32	0,336	1
633/45	9 - 45	0,620	1

Replacement parts for pipe cutter with deburrer 633

633-1	Cutting wheel Plastic, composite	1
632-1	Cutting wheel Stainless steel, copper, brass	1
632-11	Cutting wheel Copper, brass	1
633-2	Deburrer	1
633-3	Roller	1
633-4	Wheel bolt	1

Combination pipe cutter

For pipes Ø 6 - 67 mm, 1/4 - 2 1/2"
for copper and brass pipes, plastic - two cutting wheels



Art. No.	Ø	kg	PU
627	6 - 76	0,540	1

Replacement parts for combination pipe cutter 627

627-5	Cutting wheel Plastic, composite (up to 8 mm)	1
627-2	Cutting wheel Stainless steel, copper, brass, steel	1
627-4	Wheel bolt	1

INOX pipe cutter Plus with deburring unit

Special pipe cutter for INOX pipes
Ø 6 - 76 mm, 1/4 - 3"
fast feeder system
guide rolls with needle bearings | 2 needle bearings per roll - stainless steel rolls



Art. No.	Ø	kg	PU
627-70	6 - 76	0,944	1

Replacement parts for INOX pipe cutter plus 627-70

627-71	Cutting wheel Stainless steel	1
627-4	Wheel bolt	1

Pipe cutter

For steel pipes with up to 2 mm wall thickness, in particular for galvanised pipes



Art. No.	Ø	kg	PU
629/2	10 - 60	2,173	1
629/4	32 - 115	5,300	1

Replacement parts for pipe cutter 629-2

629-1/2	Cutting wheel Steel	1
629-2/2	Roller	1
629-3/2	Roller bolts	1
629-4/2	Wheel bolt	1

Replacement parts for pipe cutter 629-4

629-1/4	Cutting wheel Steel	1
629-2/4	Roller	1
629-3/4	Roller bolts	1
629-4/4	Wheel bolt	1

Plastic pipe cutter

for thick-walled plastic pipes (PE, PP, PVDF) Ø 50 - 140 mm



Art. No.	Ø	kg	PU
628/140	50 - 140	1,480	1

Replacement parts for plastic pipe cutter 628/140

628-1	Cutting wheel Plastic, multi-layer composite	1
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Cutting wheel

Cutting wheel | Stainless steel

replacement cutting wheel suitable for stainless steel suitable for:
Art. no. 627-70



Art. No.	Outer Ø	Inner Ø	ST	kg	PU
627-71	19	5	5	0,005	1

Cutting wheel | Plastic

for plastic and composite pipes up to 8 mm wall thickness suitable for:
Art. no. 627



Art. No.	Outer Ø	Inner Ø	ST	kg	PU
627-5	30	5	6	0,006	1

Cutting wheel | Stainless steel

for stainless steel, copper, brass, steel



Art. No.	Outer Ø	Inner Ø	ST	kg	PU
627-2	20	5	6	0,006	1

Cutting wheel | Stainless steel, carbon steel, copper

replacement cutting wheel suitable for stainless steel and carbon steel suitable for:
Art. no. 622/28



Art. No.	Outer Ø	Inner Ø	ST	kg	PU
622-1	19	6	3	0,003	1

Cutting wheel | Stainless steel, carbon steel, copper

replacement cutting wheel with needle bearing suitable for stainless steel, carbon steel, copper suitable for:
Art. no. 633-71/35



Art. No.	Outer Ø	Inner Ø	ST	kg	PU
633-75A	19	5	5	0,005	1

Cutting wheel | Stainless steel, carbon steel, copper

replacement cutting wheel with needle bearing suitable for stainless steel, carbon steel, copper suitable for:
Art. no. 633-70/35



Art. No.	Outer Ø	Inner Ø	ST	kg	PU
633-75	19	5	8	0,011	1

Cutting wheel | Stainless steel, copper, brass

replacement cutting wheel suitable for stainless steel, copper and brass suitable for:
Art. no. 631
Art. no. 631-5
Art. no. 631-10
Art. no. 633/35
Art. no. 633/45



Art. No.	Outer Ø	Inner Ø	ST	kg	PU
632-1	20	5	5	0,005	1

Cutting wheel | Copper, brass

replacement cutting wheel suitable for Kupfer und Messing suitable for:
Art. no. 631
Art. no. 631-5
Art. no. 631-10
Art. no. 633/35
Art. no. 633/45



Art. No.	Outer Ø	Inner Ø	ST	kg	PU
632-11	20	5	5	0,055	1

Cutting wheel | Plastic, composite

replacement cutting wheel suitable for plastic, composite suitable for:
Art. no. 633/35
Art. no. 633/45



Art. No.	Outer Ø	Inner Ø	ST	kg	PU
633-1	12	5	5	0,005	1

Cutting wheel | Steel

suitable for:
Art. no. 629



Art. No.	Outer Ø	Inner Ø	ST	kg	PU
629-1/2	31	9	19	0,029	1
629-1/4	41,5	9	19	0,054	1

Cutting wheel | Plastic

especially for thick-walled, hard plastic and multi-layer composite pipe suitable for:
Art. no. 628



Art. No.	Outer Ø	Inner Ø	ST	kg	PU
628-1	53	8	11	0,026	1

Plastic Pipe Shears

Plastic pipe scissors

For one-hand operation with automatic blade retraction for Ø 6 - 35 mm



Art. No.	Ø	kg	PU
634/35	6 - 35	0,500	1

Replacement blade | Plastic pipe scissors



Art. No.	kg	PU
634-1/35	0,094	1

Automatic plastic tube shears

with lever transmission
for tubes in PVC, PE, PD, PEX, PVDF with a wall thickness of up to 2 mm and composite tubes
single-hand operation and recoil-free ratchet mechanism, high safety standard
durable blade made of tempered steel with a precise angle for easy cutting of plastic tubes, with V-cut
little power required thanks to special teeth design



Art. No.	∅	kg	PU
635/35 *	35	0,407	1
635/42	42	0,360	1

Replacement blade | Plastic pipe scissors



Art. No.	∅	kg	PU
635-10/35	35	0,083	1
635-10/42	42	0,093	1

Pipe Deburrer

Pipe deburrer plastic pipes

for internal and external deburring of hard and thick-walled plastic pipes, ∅ 25 - 63 mm



Art. No.	∅	kg	PU
647/63	25-63	0,378	1

Pipe deburrer

for internal and external deburring of copper, aluminium and plastic pipes ∅ 4 - 35 mm



Art. No.	∅	kg	PU
646	4-35	0,033	1

Pipe deburrer

for internal and external deburring of stainless steel, brass, aluminium and plastic pipes



Art. No.	∅	kg	PU
648/35	8-35	0,193	1
648/54	10-54	0,480	1

Calibration tool

calibrator and punch, for copper pipes without true size



Art. No.	kg	PU
638/12	0,085	1
638/15	0,170	1
638/18	0,214	1
638/22	0,298	1

Pipe Bending Tools

Hydraulic pipe bending set | Basic metal

Supplied in a strong plastic case:
1 hydraulic hand pipe bending tool
5 bending segments, die-cast aluminium, 10, 12, 15, 18, 22 mm
3 dollies



Art. No.	set	∅	kg	PU
637	9	10 - 22	5,620	1

Hydraulic pipe bending set | Combined

Supplied in a strong plastic case:
1 hydraulic hand pipe bending tool
9 bending segments, aluminium pressure die-casting, 10, 12, 15, 16, 18, 20, 22, 26, 32 mm
5 dollies



Art. No.	set	∅	kg	PU
637-10	15	10 - 32	8,404	1

Hydraulic pipe bending set | Basic composite

Supplied in a strong plastic case:
1 hydraulic hand pipe bending tool
4 bending segments, die-cast aluminium, 16, 20, 26, 32 mm
4 dollies



Art. No.	set	∅	kg	PU
637-20	9	16 - 32	7,433	1

Dollies

dollies for hydraulic pipe bending devices



Art. No.	∅	kg	PU
637-6/1	10 - 12	0,334	1
637-6/2	14 - 17	0,363	1
637-6/3	18 - 22	0,452	1
637-6/4	26	0,452	1
637-6/5	32	0,452	1
637-2	replacement nuts	0,010	1
637-4	replacement screws	2,295	1

Bending segment pipes

bending radius 4x diameter



Art. No.	∅	kg	PU
637-1/10	10	0,099	1
637-1/12	12	0,112	1
637-1/14	14	0,125	1
637-1/15	15	0,127	1
637-1/16	16	0,140	1
637-1/17	17	0,142	1
637-1/18	18	0,187	1
637-1/20	20	0,190	1
637-1/22	22	0,200	1
637-1/26	26	0,099	1
637-1/32	32	0,099	1

Copper pipe bending pliers

for soft copper pipes and chrome-plated copper pipes



Art. No.	∅	kg	PU
636-1/10	10	0,799	1
636-1/12	12	0,828	1

Copper pipe bending springs

for bending by hand, for soft and soft chrome-plated copper



Art. No.	∅	TL	kg	PU
701/8	8	250	0,107	1
701/10	10	250	0,123	1
701/12	12	300	0,170	1
701/15	15	300	0,268	1
701/16	16	300	0,272	1

Pipe Cleaning

Sealing balloon

pneumatic sealing system for various pipe diameters



Art. No.	TL	∅	kg	PU
3800-1/1	140	30 - 50	0,137	1
3800-1/2	135	50 - 80	0,210	1
3800-1/3	120	70 - 100	0,276	1
3800-1/4	230	90 - 150	0,722	1

Compressed air hose

Extension hose for sealing bubbles



Art. No.	TL	kg	PU
3800-2	3 m	0,330	1

Air pump with manometer

suitable for sealing bubbles Art. no. 3800-1



Art. No.	kg	PU
3800-3	1,554	1

Pipe Cleaning

Plug for inner pipe

Mechanical pipe sealing system for inner pipe



Art. No.	∅	kg	PU
3806/1	96-103	0,237	1
3806/2	147-154	0,802	1
3806/3	196-204	1,002	1

Plug for end pipe

Mechanical pipe sealing system for end pipe



Art. No.	∅	kg	PU
3805/1	39-42	0,075	1
3805/2	49-55	0,100	1
3805/3	71-79	0,229	1
3805/4	96-103	0,295	1
3805/5	147-154	0,812	1

Pipe Cleaning

Pipe cleaning pump

Suction and pressure cleaner for blocked pipes



Art. No.	kg	PU
3722 *	1,700	1

Pipe cleaning tool

Cleaning tool for manual and machine operation, for pipes ∅ 30 - 50 mm



Art. No.	TL	∅	kg	PU
3720	7,5 m	30-50	3,500	1

Replacement shaft

galvanised spring steel



Art. No.	TL	∅	kg	PU
3720-1	7,5 m	30-50	2,000	1

Quick release chuck

suitable for pipe cleaning device Art. no. 3720



Art. No.	kg	PU
3720-2	0,177	1

Pipe cleaning shaft

single layer, for household use and simple work



Art. No.	TL	Shank ∅	kg	PU
3700/3 *	3 m	5	0,279	1
3700/5	5 m	5	0,652	1

Pipe cleaning shaft

single layer, for simple work



Art. No.	TL	Shank ∅	kg	PU
3701/3	3 m	9	1,085	1
3701/5	5 m	9	1,398	1
3701/10	10 m	9	3,472	1

Pipe cleaning shaft

3/8" Whitworth thread



Art. No.	TL	Shank ∅	kg	PU
3714/5	5 m	8	1,700	1
3714/10	10 m	8	3,200	1

BRINKO[®]
powered by haupa

Pipe cleaning shaft

double layer, adjustable handle



Art. No.	Shank Ø	kg	PU
3702/5 *	5 m	7	1,250
3702/8	8 m	7	1,897

Pipe cleaning shaft

1/2" Whitworth thread, claw and crank can be replaced



Art. No.	Ø	kg	PU
3712/5x10	5 m	10	2,750
3712/5x15	5 m	15	3,740
3712/10x12	10 m	12	7,200
3712/10x15	10 m	15	11,300

Pipe cleaning shaft

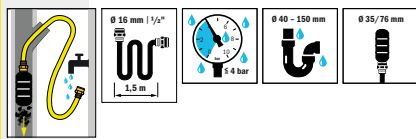
1/2" Whitworth thread



Art. No.	Ø	kg	PU
3713/5x10	5 m	10	2,750
3713/5x12	5 m	12	3,400
3713/10x10	10 m	10	4,700
3713/10x12	10 m	12	6,500

Water pressure drain cleaner

Ingeniously removes blockages in drainpipes with high pressure water



Art. No.	Balloon Ø	Ø	kg	PU
3730/1	35	40-80	0,370	1
3730/2	76	80-150	0,627	1

Inspection systems

Pipe inspection camera system „BRICamL“

360°/210° rotating/swivelling camera head
Ø 28 mm

Camera cable: Ø 7mm/40 metres long
Steel coil, Meter counter, 6-pin camera connection, Cleaning brush

512 Hz sender

IP68 Multifunctional control device in the IP66 case, 10"

TFT monitor with USB/SD recording

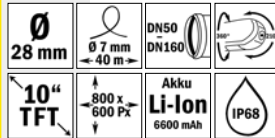
Text and voice input using the QWERTZ keyboard

Control buttons for swivelling camera head

Operated with 6600 mAh Li-Ion battery or current

Mains adapter, Guide ball and star for camera head

Video cable 1 metres 6-pin, Remote operation



NEW

Art. No.	kg	PU
3741	17,080	1

HD-Hand Inspection Camara „BRICamS“

5 inch LCD HD high resolution screen for real time display. High-quality CMOS sensor (camera) with a resolution of 1280 x 720 pixels (camera head Ø 8 mm) HD resolution screen with 1920 x 1080 and 1280 x 720 options Photo and video recording to Micro SD-card Triple LED brightness adjustment of camera light and screen illumination 1 meter swan-neck camera with IP67 waterproofing 4000 mAh, 3.7 volt lithium-ion battery provides up to 5 hours of standby time



NEW

Art. No.	kg	PU
3780	1,390	1



Pressing tools

Pressing Tool EFP203

Basic Line EFP203 - strong performance in a slimline design supplied in the case: pressing tool, storage space for up to 6 press jaws PB2



Art. No.	l	Ø set	kg	PU
625-2PG/EFP203	400	12-110	1	8,482
625-2SE/EFP203	400	12-110	4	14,193

Case EFP203



Art. No.	kg	PU
625-2KO/EFP203	3,378	1

Pressing Tool ECO203

Comfort Line ECO203 - a new generation of pressing technology
Supplied in case: pressing unit, storage space for up to 6 press jaws PB2



Art. No.	l	Ø set	kg	PU
625-4PG/ECO203	400	12-110	1	7,300
625-4SE/ECO203	400	12-110	4	14,114

Case ECO203



Art. No.	kg	PU
625-4KO/ECO203	3,348	1

Cordless Pressing Tool ACO103 BT | 4.0 Ah

Comfort Line ACO102 - compact and powerful efficiency - NEW WITH BLUETOOTH
Supplied in case:
cordless pressing tool, 1 battery 12 V 4.0 Ah Li-Ion,
1 charger storage space for up to 6 press jaws PB1



Art. No.	l	Ø set	kg	PU
625-1PM/ACO103	320	12-40	3	5,261
625-1SE/ACO103	320	12-40	6	9,149

12 V rechargeable battery 4.0

Extremely high performance 12 V 4.0 Ah Red Li-Ion rechargeable battery for pressing tool ACO103



Art. No.	kg	PU
625-1AK/ACO103	0,415	1

12 V charger

about ACO103



Art. No.	kg	PU
625-1LA/ACO103	0,513	1

Case ACO103



Art. No.	kg	PU
625-1KO/ACO103	2,414	1

Cordless Pressing Tool ACO203 BT | 5.0 Ah

Comfort Line ACO203 - a new generation of pressing technology - NEW WITH BLUETOOTH
Supplied in case: cordless pressing unit,
1 rechargeable battery 18 V 5.0 Ah Li-Ion, 1 charger, storage space for up to 6 press jaws PB2



Art. No.	l	Ø set	kg	PU
625-5PM/ACO203	390	12-110	3	8,300
625-5SE/ACO203	390	12-110	6	12,000

Case ACO203



Art. No.	kg	PU
625-5KO/ACO203	2,100	1
625-5KO/ACOXL	4,000	1

Cordless Pressing Tool ACO203XL BT | 5.0 Ah

Comfort Line ACO203XL - the all-round expert - NEW WITH BLUETOOTH
 Supplied in case: cordless pressing tool, 2x battery 18 V 5.0 Ah Li-Ion, 1 charger space for up to 6 press jaws PB2



Art. No.	∅ set	kg	PU
625-5XL/ACO203	460 12-110	4	12,000 1

18 V rechargeable battery 5.0

about ACO203



Art. No.	kg	PU
625-5AK/ACO203	0,650	1

12 - 18 V charger

about ACO203



Art. No.	kg	PU
625-5LA/ACO203	0,683	1

Cordless Pressing Tool ACO403 BT | 5.0 Ah

Comfort Line ACO403 - Highly efficient powerhouse - NEW WITH BLUETOOTH
 Supplied in the case: cordless pressing unit, 2 rechargeable batteries 18 V 5.0 Ah Red Li-Ion, 1 charger



Art. No.	∅ set	kg	PU
625-8PG/ACO403	650 76,1-168,3	4	12,800 1

Case

Case PB1

pressing jaws 12 - 35 mm



Art. No.	kg	PU
625-KO/PB1	2,100	1

Case PB2

pressing jaws 12 - 40 mm



Art. No.	kg	PU
625-KO/PB2	2,100	1

Case PS2

press collars 42 + 54 mm



Art. No.	kg	PU
625-KO/PS2	2,100	1

Case PS3 | small

for press collars and press jaws



Art. No.	kg	PU
625-7KO/PS323	2,100	1

Case PS3 | large

for press collars and press jaws



Art. No.	kg	PU
625-7KO/PS324	2,100	1

Case ZB2XL

ZB221 + ZB222



Art. No.	kg	PU
625-KO/ZBXL	1,650	1

Press Jaws

V-Press jaw set

BRINKO box made of plastic, robust with low weight, compatible with the metaBOX system

Contents: V-pressing jaws V15, V22, V28 and V35
Space for 6 pressing jaws and other individual tools



NEW

Art. No.	kg	PU
625-10SE	9,200	1

M-Press jaw set

BRINKO box made of plastic, robust with low weight, compatible with the metaBOX system

Contents: M-pressing jaws M15, M22, M28 and M35
Space for 6 pressing jaws and other individual tools



NEW

Art. No.	kg	PU
625-13SE	9,200	1

Press Jaws PB1 type V

for all pressing contours type V 12 - 35 mm



Art. No.	Ø	kg	PU
625-20/PB1V12	12	1,282	1
625-20/PB1V15	15	1,272	1
625-20/PB1V18	18	1,277	1
625-20/PB1V22	22	1,328	1
625-20/PB1V28	28	1,359	1
625-20/PB1V35	35	1,282	1

Press Jaws PB1 type M

for all pressing contours type M 12 - 35 mm



Art. No.	Ø	kg	PU
625-23/PB1M12	12	1,280	1
625-23/PB1M15	15	1,281	1
625-23/PB1M18	18	1,265	1
625-23/PB1M22	22	1,326	1
625-23/PB1M28	28	1,375	1
625-23/PB1M35	35	1,282	1

Press Jaws PB1 type TH

for all pressing contours type TH 16 - 40 mm



Art. No.	Ø	kg	PU
625-24/PB1T16	16	1,096	1
625-24/PB1T20	20	1,156	1
625-24/PB1T26	26	1,245	1
625-24/PB1T32	32	1,476	1
625-24/PB1T40	40	1,551	1

Press Jaws PB1 type U

for all pressing contours type U 16 - 40 mm



Art. No.	Ø	kg	PU
625-25/PB1U16	16	1,247	1
625-25/PB1U20	20	1,250	1
625-25/PB1U25	26	1,229	1
625-25/PB1U32	32	1,412	1
625-25/PB1U40	40	1,601	1

Press Jaws PB2 type V

for all pressing contours type V 12 - 54 mm



Art. No.	Ø	kg	PU
625-30/PB2V12	12	1,888	1
625-30/PB2V15	15	1,935	1
625-30/PB2V18	18	1,935	1
625-30/PB2V22	22	2,032	1
625-30/PB2V28	28	1,912	1
625-30/PB2V35	35	1,959	1
625-30/PB2V42	42	3,335	1
625-30/PB2V54	54	4,537	1

Press Jaws PB2 type M

for all pressing contours type M 12 - 35 mm



Art. No.	Ø	kg	PU
625-33/PB2M12	12	1,270	1
625-33/PB2M15	15	1,879	1
625-33/PB2M18	18	1,882	1
625-33/PB2M22	22	1,975	1
625-33/PB2M28	28	1,935	1
625-33/PB2M35	35	2,031	1

Press Jaws PB2 type TH

for all pressing contours type TH 16 - 32 mm



Art. No.	Ø	kg	PU
625-34/PB2T16	16	1,880	1
625-34/PB2T20	20	1,931	1
625-34/PB2T26	26	1,955	1
625-34/PB2T32	32	2,083	1

Press Jaws PB2 type

for all pressing contours type U 16 – 32 mm



Art. No.	∅	kg	PU
625-35/PB2U16	16	1,899	1
625-35/PB2U20	20	1,885	1
625-35/PB2U25	25	1,971	1
625-35/PB2U32	32	2,089	1

Press Collars

Press Collars PS2 type V

press collars with „snap-on“ technology, for pressing contours type V 42 – 54 mm



Art. No.	∅	kg	PU
625-40/PS2V42	42	1,297	1
625-40/PS2V54	54	1,578	1

Press Collars PS2 type M

press collars with „snap-on“ technology, for pressing contours type M 42 – 54 mm



Art. No.	∅	kg	PU
625-43/PS2M42	42	1,335	1
625-43/PS2M54	54	1,570	1

Press Collars PS2 type TH

press collars with „snap-on“ technology, for pressing contours type TH 40 – 63 mm



Art. No.	∅	kg	PU
625-44/PS2T40	40	2,080	1
625-44/PS2T50	50	2,560	1
625-44/PS2T63	63	3,040	1

Press Collars PS3 type M

press collars with „snap-on“ technology, for pressing contours type M 42 – 108 mm



Art. No.	∅	kg	PU
625-53/PS3M42	42	1,345	1
625-53/PS3M54	54	3,600	1
625-53/PS3M64	64	3,820	1
625-53/PS3M76	76.1	4,425	1
625-53/PS3M88	88.9	4,340	1
625-53/PS3M08	108	5,560	1

Press Collars PS2 type U

press collars with „snap-on“ technology, for pressing contours type U 40 – 63 mm



Art. No.	∅	kg	PU
625-45/PS2U40	40	2,080	1
625-45/PS2U50	50	2,560	1
625-45/PS2U63	63	3,040	1

Press Collars PS4 type HP

press collars with „snap-on“ technology, for pressing contours type HP 76,1 mm, 88,9 mm, 108 mm



Art. No.	∅	kg	PU
625-63/PS4H76	76.1	7,400	1
625-63/PS4H88	88.9	8,000	1
625-63/PS4H08	108	9,100	1

Adaptor Jaws

Adaptor Jaw ZB204

high quality intermediate jaw for novopress PS3 press collars



Art. No.	∅	kg	PU
625-ZB/PS203	40 – 63	2,032	1

Adaptor Jaw ZB2XL

high quality intermediate jaws especially for pressing units ACO202XL | 203XL, suitable for the Novopress press collars PS3



Art. No.	∅	kg	PU
625-ZB/221XL	64 – 108	4,400	1
625-ZB/222XL	108	4,600	1
625-ZB/SETXL	64 – 108	10,800	1

Piston brazing

Propane soldering iron

Consisting of: handle, hose connection, iron stand, soldering torch, wind protection, copper piece



Art. No.	set	kg	PU
4426	5	0,296	1

Propan handle

hose connection G 3/8" LH



Art. No.	kg	PU
4427	0,302	1

Soldering torch



Art. No.	kg	PU
4429	0,059	1

Soft solder insert



Art. No.	Ø	kg	PU
4429-1/5	5	0,087	1

Iron stand



Art. No.	kg	PU
4428	0,082	1

Wind protection



Art. No.	kg	PU
4430	0,087	1

Copper piece

angled hammer shape



Art. No.	kg	PU
4435/250	0,296	1
4435/350	0,388	1

Copper piece

pointed shape



Art. No.	kg	PU
4436/250	0,298	1
4436/350	0,388	1

Soldering Torches

Propane handle

hose connection G 3/8" LH



Art. No.	kg	PU
4400	0,352	1

Soft solder insert

with union nut M14 x 1



Art. No.	Ø CU pipe Ø	kg	PU
4405/5	5 15 - 22	0,103	1
4405/7	7 22 - 28	0,170	1

Propane hard solder insert

gas outlet Ø 16 mm, for Cu pipes up to Ø 18 mm



Art. No.	Ø CU pipe Ø	kg	PU
4406	16 0 - 18	0,096	1
4407	19 0 - 22	0,103	1
4408	22 0 - 28	0,247	1

Accessories For Pressure Bottles

Miniature propane bottle

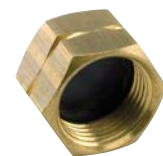
connection G 3/8 „ LH



Art. No.	kg	PU
4443	2,500	1

Sealing cap

legally required as transport safeguard



Art. No.	kg	PU
4443-1	0,014	1

Protective bracket



Art. No.	kg	PU
4443-2	0,482	1

Miniature propane bottle valve

connection G 3/8" LH, outer Ø 1/2"



Art. No.	kg	PU
4444	0,253	1

Propane filler pipe

large connection W 21.8 x 1/14" LH, small connection G 3/8" LH



Art. No.	kg	PU
4446	0,149	1

Propane medium pressure regulator

outlet outer thread G 3/8" LH, for miniature bottles



Art. No.	kg	PU
4447-0	0,340	1

Propane medium pressure regulator

outlet outer thread G 3/8" LH



Art. No.	kg	PU
4447	0,260	1

Propane medium pressure regulator

outlet outer thread G 3/8" LH, with manometer



Art. No.	kg	PU
4447-1	0,310	1

Propane working manometer



Art. No.	kg	PU
4447-11	0,042	1

High pressure hose

connections G 3/8" LH



Art. No.	↔ m	kg	PU
4452/1,5	1,5	0,280	1
4452/2	2	0,364	1
4452/3	3	0,660	1
4452/5	5	0,774	1

Solder Sets & Blowtorches

Propane soft solder set

- Consisting of:
- propane handle G 3/8" LH
 - soft solder insert 40° curved, Ø 5 mm
 - high pressure hose 3 m
 - miniature propane bottle 425 g



Art. No.	set	kg	PU
4399	4	3,549	1

Propane soft solder set

- Consisting of:
- propane handle G 3/8" LH
 - soft solder insert 40° curved, Ø 5 mm
 - high pressure hose 3 m
 - miniature propane bottle 425 g, filler pipe
 - gas lighting tongs



Art. No.	set	kg	PU
4394	6	5,500	1

Propane soft solder set

- Consisting of:
- soldering iron G 3/8" LH with copper piece 250 g
 - high pressure hose 3 m
 - miniature propane bottle 425 g



Art. No.	set	kg	PU
4398	3	3,456	1

Propane soft solder set

- Consisting of:
- soldering iron G 3/8" LH
 - copper piece 250 g
 - soft solder inserts 40° curved, Ø 5 and 7 mm
 - miniature propane bottle 425 g, filler pipe
 - high pressure hose 3 m and gas lighting tongs



Art. No.	set	kg	PU
4395	7	6,300	1

Soldering tool

with automatic Piezo ignition, temperature 1800 °C



Art. No.	°C	kg	PU
5000 *	1800	0,488	1

Gas cartridge

mixed gas (butane/propane) 330 g | 600 ml



Art. No.	kg	PU
5100/350 *	0,488	1

Blowtorch

Piezo ignition, temperature up to 1200 °C



Art. No.	°C	kg	PU
5205	1200	0,277	1

Blowtorch

temperature up to 1750 °C



Art. No.	°C	kg	PU
5200 *	1750	0,277	1

Mixed gas cartridge

mixed gas filling (butane/propane), 190 g



Art. No.	kg	PU
5210 *	0,277	1

Solder Accessories

Ammonia stone



Art. No.	kg	PU
1649	0,100	1

Flame protection mat

high quality, non melting fibre fleece, asbestos-free



Art. No.	W	H	kg	PU
8080	500	330	0,330	1

Magnetic control mirror

with permanent magnet, holding surface flat and prismatic, flexible metal hose with ball joint



Art. No.	ST	W	H	kg	PU
8030/1,0	1	70	80	0,466	1
8030/1,5	1,5	70	80	0,450	1

Steel mirror



Art. No.	ST	W	H	kg	PU
8061/1,0	1	70	80	0,066	1
8061/1,5	1,5	70	80	0,066	1

Solder water brush

with sheet metal sheath and natural bristles



Art. No.	kg	PU
2999	0,002	1

Gas lighting tongs



Art. No.	kg	PU
4200	0,051	1

Solder wire



Art. No.	mSn %	∅	kg	PU	
1644/250	10	40	2	0,259	1
1644/500	20	40	2	0,518	1

Resin quick solder

special solder wire (radio solder) for electrical engineering, with prepared resin core



Art. No.	Sn %	∅	kg	PU
1645/20	40	2	0,021	1

Resin quick solder

special solder wire (radio solder) for electrical engineering, with prepared resin core



Art. No.	mSn %	∅	kg	PU	
1646/500	20	40	2	0,530	1

Resin quick solder

special solder wire (radio solder) for electrical engineering, with prepared resin core



Art. No.	mSn %	∅	kg	PU	
1646-1/250-1,0	10	60	1	0,259	1
1646-1/500-1,0	20	60	1	0,529	1
1646-1/500-1,5	15	60	1,5	0,528	1

Solder water bottle

made of unbreakable, acid and chemical-resistant polyethylene



Art. No.	mL	kg	PU
1638/150	150	0,037	1

Hydrochloric acid bottle

made of unbreakable, acid and chemical-resistant polyethylene



Art. No.	mL	kg	PU
1640/150	150	0,040	1

Welding Tools

Pressure relief valve | Oxygen

for oxygen



Art. No.	kg	PU
4080	1,330	1

Working manometer

for oxygen



Art. No.	kg	PU
4081	0,136	1

Content manometer

for oxygen



Art. No.	kg	PU
4082	0,138	1

Pressure relief valve | Acetylene

for fuel gas (acetylene)



Art. No.	kg	PU
4090	1,630	1

Working manometer

for fuel gas (acetylene)



Art. No.	kg	PU
4091	0,133	1

Content manometer

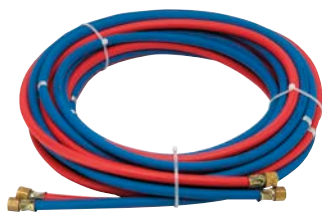
for fuel gas (acetylene)



Art. No.	kg	PU
4092	0,141	1

Double oxyacetylene hose

installed connections: G 3/8" LH, red for fuel gas (acetylene), G 1/4", blue for oxygen



Art. No.	l	kg	PU
4073/10	10	3,500	1
4073/20	20	6,900	1

Handle

valve handwheel for single handed use



Art. No.	kg	PU
3902	0,639	1

Connection nut



Art. No.	kg	PU
3902-3	0,049	1

Explosion protection safeguard

for oxygen



Art. No.	kg	PU
4070	0,250	1

Explosion protection safeguard

for fuel gas (acetylene)



Art. No.	kg	PU
4071	0,250	1

Nozzle cleaning drill set

for cutting nozzles and welding inserts



Art. No.	kg	PU
4005	0,030	1

Welding insert

welding range 1 - 2 mm



Art. No.	WR	kg	PU
3922/1-2	1 - 2	0,116	1
3923/2-4	2 - 4	0,133	1
3924/4-6	4 - 6	0,142	1
3925/6-9	6 - 9	0,215	1
3926/9-14	9 - 14	0,230	1

Pipe welding insert

welding range 1 - 2 mm



Art. No.	WR	kg	PU
3936/1-2	1 - 2	0,080	1
3937/2-4	2 - 4	0,081	1
3938/4-6	4 - 6	0,080	1
3939/6-9	6 - 9	0,079	1

Replacement tip

welding range 1 - 2 mm



Art. No.	WR	kg	PU
3946/1-2	1 - 2	0,038	1
3947/2-4	2 - 4	0,039	1
3948/4-6	4 - 6	0,039	1
3949/6-9	6 - 9	0,043	1

Drills & Sets

Twist drill

HSS, DIN 338, fully ground, split point



Art. No.	∅	kg	PU
1044/1,0	1	0,005	10
1044/1,5	1,5	0,008	10
1044/2,0	2	0,001	10
1044/2,5	2,5	0,018	10
1044/3,0	3	0,003	10
1044/3,5	3,5	0,004	10
1044/4,0	4	0,005	10
1044/4,5	4,5	0,007	10
1044/5,0	5	0,009	10
1044/5,5	5,5	0,011	10
1044/6,0	6	0,014	10
1044/6,5	6,5	0,017	10
1044/7,0	7	0,021	10
1044/7,5	7,5	0,024	10
1044/8,0	8	0,029	10
1044/8,5	8,5	0,033	10
1044/9,0	9	0,042	10
1044/9,5	9,5	0,046	10
1044/10,0	10	0,010	10
1044/10,5	10,5	0,060	5
1044/11,0	11	0,070	5
1044/11,5	11,5	0,076	5
1044/12,0	12	0,082	5
1044/12,5	12,5	0,096	5
1044/13,0	13	0,102	5

Twist drill set

HSS twist drills, DIN 338



Art. No.	set	∅	kg	PU
1060/2	19	1-10	0,694	1
1060/3	25	1-13	1,307	1

Twist drill set

HSS twist drills, DIN 338



Art. No.	set	∅	kg	PU
1065	19	1-10	0,449	1

T.C.T. stone drill

HSS, DIN 338, milled and ground special design, particularly strong carbide small plate



Art. No.	∅	kg	PU	
1366-2/6	120	6	0,019	10
1366-2/8	130	8	0,032	10
1366-2/10	140	10	0,052	10
1366-2/14	155	14	0,120	5

T.C.T. hammer drill

crosshead, 4 edges: long tool life, easy, quick work, avoids drill bit tilting, effective drilling dust removal



Art. No.	∅	kg	PU	
1374/110x6 *	110	6	0,033	10
1374/160x6 *	160	6	0,048	10
1374/160x8 *	160	8	0,053	10
1374/160x10 *	160	10	0,070	10
1374/160x12 *	160	12	0,083	5
1374/160x14	160	14	0,114	5
1374/160x15	160	15	0,114	5
1374/210x8	210	8	0,074	5
1374/210x10	210	10	0,090	5
1374/210x12 *	210	12	0,110	5
1374/210x14	210	14	0,150	5
1374/210x16	210	16	0,164	5
1374/210x18 *	210	18	0,192	5
1374/460x10 *	460	10	0,195	1
1374/460x12	460	12	0,242	1
1374/460x14 *	460	14	0,316	1
1374/460x16	460	16	0,383	1
1374/460x18	460	18	0,512	1
1374/460x20	460	20	0,574	1
1374/460x24 *	460	24	0,790	1
1374/600x12	600	12	0,260	1
1374/600x16	600	16	0,506	1

Double-ended drill bit

HSS, for predrilling, e.g. aluminium rivets and copper rivets



Art. No.	∅	kg	PU
1045/3,2	3,2	0,004	10

Glass tile drill

pointed chisel edge enables precision drilling, can be re-sharpened, shaft diameter 6.35 mm 1/4" hexagonal shaft



Art. No.	∅	kg	PU
1368-1/5	5	0,009	1
1368-1/6 *	6	0,011	1
1368-1/8 *	8	0,015	1
1368-1/10 *	10	0,258	1
1368-1/13	13	0,300	1
1368-1/14	14	0,350	1

Glass tile drill set

5-piece, Sizes: 2 x 6, 2 x 8.1 x 10 mm, optimally designed for cordless power tools, shaft diameter 6.35 mm, 1/4" hexagonal shaft



Art. No.	set	∅	kg	PU
1368 *	5	6-10	0,126	1

DIAMOND core drills

DIAMOND core drills "BRIdiamondDrill"

Drilling without a centring aid, connector M14 to be used with the angle grinder



Art. No.	∅	kg	PU
1381-1/6 *	6	0,044	1
1381-1/8 *	8	0,047	1
1381-1/12	12	0,055	1
1381-1/14	14	0,062	1
1381-1/18	18	0,100	1
1381-1/10 *	10	0,054	1
1381-1/20	20	0,100	1
1381-1/25	25	0,120	1
1381-1/32	32	0,150	1
1381-1/35	35	0,160	1
1381-1/40	40	0,190	1
1381-1/45	45	0,250	1
1381-1/55	55	0,300	1
1381-1/60	60	0,281	1
1381-1/68	68	0,339	1
1381-1/50	50	0,290	1
1381-1/75	75	0,407	1
1381-1/82	82	0,474	1
1381-1/110	110	0,900	1

DIAMOND core drills set "BRIdiamondDrill"

Drilling without a centring aid
7-pieces: Ø 2 x 6, 2 x 8, 10, 12, 14 mm



Art. No.	set	Ø	kg	PU
1381	7	6-14	0,442	1

DIAMOND core drills set "BRIdiamondDrill"

Drilling without a centring aid,
7-pieces: Ø 3 x 6, 3 x 8, 10 mm



Art. No.	set	Ø	kg	PU
1381-7	7	6-10	0,414	1

DIAMOND core drills set "BRIdiamondDrill"

7-pieces: Ø 2 x 6, 8, 10, 12, 14 mm, 1 Centering Guide stainless 5 - 40 mm



Art. No.	set	Ø	kg	PU
1381-6	7	6-14	0,836	1

DIAMOND core drills set "BRIdiamondDrill"

drilling without a centring aid,
4-pieces: Ø 2 x 6, 8, 10 mm



Art. No.	set	Ø	kg	PU
1381-4	4	6-10	0,257	1

DIAMOND core drills "BRIdiamondDrill"

precise positioning, minimum risk of slipping off,
Safety, Fast, Efficiency & Sophisticated design



Art. No.	Ø	kg	PU
1379-3/5	67 5	0,012	1
1379-3/6 *	67 6	0,013	1
1379-3/8 *	80 8	0,018	1
1379-3/10 *	80 10	0,027	1
1379-3/12	80 12	0,034	1

DIAMOND core drills set "BRIdiamondDrill"

drilling without a centring aid;
4-pieces: Ø 2 x 6, 8, 10 mm



Art. No.	set	Ø	kg	PU
1379-4	4	6-10	0,700	1

DIAMOND core drills set "BRIdiamondDrill"

drilling without a centring aid;
7-pieces: Ø 2 x 6, 8, 10, 12, 14 mm,
1 Centering Guide stainless 5 - 40 mm



Art. No.	set	Ø	kg	PU
1379-6	7	6-14	0,658	1

Centering Guide stainless "BRIdiamondDrill"

Stainless steel Centering guide for diamond core drills, Suitable for Diamond tools with a diameter of 5 - 40 mm



Art. No.	kg	PU
1385-6	1,500	1

DIAMOND tile drill

diamond encrusted, durable blades, for pinpoint accuracy and sharp-edged bores in hard and valuable materials



Art. No.	Ø	kg	PU
1385-1/5	5	0,009	1
1385-1/6	6	0,010	1
1385-1/8	8	0,011	1
1385-1/10	10	0,011	1
1385-1/12	12	0,013	1
1385-1/14	14	0,015	1

DIAMOND Core bit

SDS-plus chuck adaptor, internal thread M16, diamond-encrusted cutting



Art. No.	Ø	kg	PU
1386/68	68	0,625	1
1386/82	82	0,820	1

BRINKO[®]
powered by haupa

Sheet metal punch and drill

Sheet taper drill

HSS, for steel, Nirosta and V2A sheet metal



Art. No.	Shank Ø	Ø	kg	PU
915/1	6	14	0,028	1
915/2	8	20	0,053	1
915/7	10	30,5	0,170	1

Sheet taper drill set

3 sheet taper drills
 1x drilling Ø 3 - 14 mm, shank 6 mm
 1x drilling Ø 6 - 20 mm, shank 8 mm
 1x drilling Ø 16 - 30 mm, shank 10 mm



Art. No.	set	kg	PU
917	4	0,543	1

Step drill

7 (11) steps for through punch
 PG: 7 - 29
 Ø: 7 - 40



Art. No.	min. Ø	max. Ø	kg	PU
918	7	40	0,240	1

Step drill

11 steps



Art. No.	min. Ø	max. Ø	kg	PU
918-1	6,5	40,5	0,278	1

Double-hole punch

The double-hole punch is suitable for the following thicknesses:
 Iron, steel, copper, and aluminium sheets up to 2 mm
 Stainless steel sinks and other stainless steel sheets up to 1.5 mm



Art. No.	kg	PU
914	0,349	1

Sheet metal punch

for punching sheet metal made of Nirosta, aluminium, copper, brass, iron etc. as well as plastics



Art. No.	Hole Ø	kg	PU
912/15	15	0,100	1
912/16	16	0,102	1
912/17	17	0,102	1
912/18	18	0,104	1
912/19	19	0,104	1
912/20	20	0,115	1
912/21	21	0,128	1
912/22	22	0,138	1
912/23	23	0,136	1
912/24	24	0,145	1
912/25	25	0,153	1
912/26	26	0,153	1
912/27	27	0,165	1
912/28	28	0,173	1
912/30	30	0,193	1
912/31	31	0,193	1
912/33	33	0,218	1
912/34	34	0,235	1
912/36	36	0,317	1
912/38	38	0,311	1
912/39	39	0,311	1
912/40	40	0,373	1
912/41	41	0,373	1
912/42	42	0,415	1
912/43	43	0,420	1
912/44	44	0,476	1
912/45	45	0,598	1
912/46	46	0,598	1
912/48	48	0,601	1
912/49	49	0,620	1
912/50	50	0,650	1
912/51	51	0,678	1
912/52	52	0,699	1
912/53	53	0,707	1
912/55	55	0,725	1

Sheet metal punch | Plumbing

for sanitary installations



Art. No.	Hole Ø	kg	PU
910/11/8	28,5	0,192	1
910/11/4	31,7	0,249	1

Sheet metal punch | Electric

for punching sheet metal made of Nirosta, aluminium, copper, brass, iron etc. as well as plastics



Art. No.	Hole Ø	PG	kg	PU
900/9	15,2	PG9	0,096	1
900/11	18,6	PG11	0,150	1
900/13,5	20,4	PG13,5	0,126	1
900/16	22,5	PG16	0,128	1
900/21	28,3	PG21	0,122	1
900/29	37	PG29	0,189	1
900/36	47	PG36	0,587	1
900/42	53,9	PG42	0,682	1
900/48	60	PG48	0,959	1

Sheet metal punch | Electric

for electric through-holes



Art. No.	Hole Ø	kg	PU
905/16,5	16,5	0,112	1
905/20,5	20,5	0,117	1
905/25,5	25,5	0,120	1
905/32,5	32,5	0,217	1
905/40,5	40,5	0,372	1
905/50,5	50,5	0,626	1
905/63,5	63,5	0,753	1

Replacement screw



Art. No.	Hole Ø	kg	PU
913/10x1	10	0,041	1
913/12x1,5	12	0,067	1
913/16x1,5	16	0,151	1

HSS-bi-metal hole saw set | Plumbing standard

For sanitary work, 6 pieces: 5 HSS-bi-metal hole saws Ø 44, 57, 68, 75, 114 mm, 1 SDS chuck adaptor with HSS drill



Art. No.	set	kg	PU
1384 *	6	3,665	1

HSS-bi-metal hole saw set | Electro

For electrical work, 8 pieces: 6 HSS-bi-metal hole saws Ø 22, 29, 35, 44, 51, 64 mm, 1 SDS chuck adaptor with HSS drill 14 - 30 mm, 1 SDS chuck adaptor with HSS drill 32 - 152 mm



Art. No.	set	kg	PU
1382	8	0,933	1

HSS-bi-metal hole saw

with variable teething, 4 - 6 tpi



Art. No.	Ø	kg	PU
1380/22	22	0,054	1
1380/25	25	0,052	1
1380/29	29	0,084	1
1380/32	32	0,085	1
1380/35	35	0,099	1
1380/38	38	0,093	1
1380/44 *	44	0,112	1
1380/51	51	0,117	1
1380/57 *	57	0,146	1
1380/64	64	0,148	1
1380/68 *	68	0,198	1
1380/75	75	0,239	1
1380/114 *	114	0,415	1
1380/121	121	0,538	1

HSS guide drill



Art. No.	Ø	kg	PU
1380-1/70	70 SDS chuck	0,014	1
1380-1/105	105 hexagonal	0,020	1

SDS chuck adaptor with drill

with HSS guide drill



Art. No.	Ø	kg	PU
1380-2/1	14-30	0,086	1
1380-2/2	32-152	0,240	1

Hexagonal chuck with drill

with HSS guide drill



Art. No.	Ø	kg	PU
1380-3/1	14-30	0,077	1
1380-3/2	32-152	0,190	1

Thread cutting

Screw remover

twist drill



Art. No.	Ø	kg	PU
1085/1	50,8	3,6	0,003
1085/2	60,3	6,8	0,006

Screw remover set

twist drill



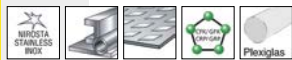
Art. No.	set	size	kg	PU
1086/1-5	5	1-5	0,107	1
1086/1-6	6	1-6	0,224	1
1086/1-8	8	1-8	0,723	1

Sabre saw blade

Sabre saw blade INOX Profi

Without stroke action

Special saw blade for sheets and profiles made of stainless steel, glass-fibre, CRP, GRP, epoxy and Perspex



Art. No.	toothL	TPI	kg	PU
1751/115	115	95	18	0,025 1 1

Sabre saw blade Metal

Without stroke action

TopSeller - Standard saw blade for steel, stainless steels (INOX), profiles and non-ferrous metals from 3 to 12 mm



Art. No.	toothL	TPI	kg	PU
1745/150 *	150	130	14	0,015 25 5
1745/200 *	200	180	14	0,022 25 5
1745/300 *	300	280	10	0,033 25 5

Sabre saw blade Metal

Without stroke action

TopSeller - Standard saw blade for steel and stainless steel (1.5 - 4.0 mm)



Art. No.	toothL	TPI	kg	PU
1746/100 *	100	80	18	0,009 25 5
1746/150 *	150	130	18	0,016 25 5

Sabre saw blades Metal POWER CURVE

Without stroke action

Flexible all-round blade for steel and stainless steel from 1.5 - 2.5 mm



Art. No.	toothL	TPI	kg	PU
1761/150	150	130	18	0,026 25 5
1761/225	225	205	18	0,039 25 5

Sabre saw blades Metal POWER CURVE

Without stroke action

Flexible all-round blade for steel and stainless steel from 2,0 - 8,0 mm and non-ferrous metals

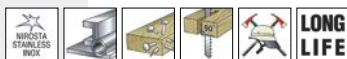


Art. No.	toothL	TPI	kg	PU
1762/150	150	130	14	0,026 25 5
1762/225	225	205	14	0,039 25 5

Sabre saw blades Metal DEMOLITION

Without stroke action

Especially for dismantling, rescue and salvage. Special thick and robust blade for fast and straight cuts in steel thicker than 3 mm and all types of wood with metal residues



Art. No.	toothL	TPI	kg	PU
1757/150	150	130	10	0,027 15 3
1757/225	225	205	10	0,061 15 3
1757/300	300	280	10	0,084 15 3

Sabre saw blades Metal TWIN-CUT

Without stroke action

but can also withstand pendulum strokes. With innovative Twin-Cut tooth geometry for better performance and longer lifetime. For steelpipes and -profiles thicker than 2.5 mm, non-ferrous metals, aluminum and wood with metal residues



Art. No.	toothL	TPI	kg	PU
1759/150	150	130	10	0,026 25 5
1759/225	225	205	10	0,040 25 5
1759/280	280	260	10	0,034 25 5

Sabre saw blade Universal SHARK

Without stroke action

Considerably longer durability by a better heat dissipation due to the cooling slots

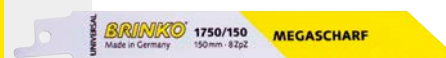
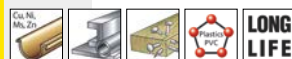


Art. No.	toothL	TPI	kg	PU
1755/150	150	130	9	0,024 25 5

Sabre saw blades Universal MEGASHARP

Best results at highest machine speed with pendulum stroke

Universal blade, in particular for steel from 1.5 - 6 mm wall thickness



Art. No.	toothL	TPI	kg	PU
1750/150 *	150	130	8	0,020 25 5
1750/200 *	200	180	8	0,025 25 5

Sabre saw blade HM CAST SPECIAL

Without stroke action

Hard-metal toothing, Especially suitable for difficult-to-cut metals, e.g. cast steel pipes (black pipes), cast, iron (red SML)



Art. No.	toothL	TPI	kg	PU
1754/225	225	205	8	0,063 1 1

Sabre saw blade CAST CHAMPION

Without stroke action

Diamant carbide gritted. Special saw blade for cast steel-pipes, cast iron, brick, ceramics and glass-fibre reinforced products (GRP) diamond coating, clean and straight cut

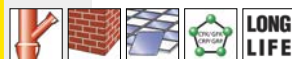


Art. No.	toothL	kg	PU
1753/200 *	200	0,040	1 1

Sabre saw blade CAST PROFI

With/without stroke action

With carbide granulate coating special for SML pipes (cast), glass, ceramics, GRP materials



Art. No.	toothL	kg	PU
1752/200 *	200	0,040	10 2

Sabre saw blade Wood

With/without stroke action
Standard blade for wood, but now new cross-ground toothing
For quick, straight cuts on all types of wood, plastic and drywall (6 - 100 mm)



Art. No.	toothL	TPI	kg	PU
1747/225 *	225	205	6	0,031 20 5

Sabre saw blade HM SPECIAL

Premium reciprocating saw blade in craftsman quality with standard 1/2" mount and carbide toothing.
The large recesses in the saw blade body ensure a quiet, low-vibration and straight cut. At the same time, the chip-ped material is quickly removed so that a consistently high cutting speed is guaranteed during the cut.



Art. No.	toothL	TPI	kg	PU
1763/305	305	250	2	0,095 25 1
1763/455	455	410	2	0,165 25 1

Sabre saw blade WELLENSCHLIFF

Premium reciprocating saw blade in craftsman quality with standard 1/2" mount and high-quality serrated edge ground on both sides, with a 10 mm shaft distance for special use on soft fabrics and non-abrasive soft materials



Art. No.	toothL	kg	PU
1764/300	300 280	0,047 25	1

Handle „BRImultiTool“

The „BRImultiTool“ handle is a universal tool for sawing and screwing and can be used flexibly. The angled handle increases power transmission and enables ergonomic working.



Art. No.	kg	PU
1737 *	0,158	1

Sabre saw blade

Sabre saw blades (U-shank)

For pipes, steel, stainless steel, nonferrous metals, cast iron, hard plastic



Art. No.	toothL	TPI	kg	PU
1743/150	150 130	14	0,021 5	
1743/200	200 180	14	0,032 5	

Jigsaw blade Wood

Fast cut in all wood types (5.0 - 50 mm)



Art. No.	toothL	TPI	kg	PU
1756/75	100	6,35	0,020	5

Jigsaw blade Metal

Flexible blade for steel and stainless steel (1.2 - 3.0 mm)



Art. No.	toothL	TPI	kg	PU
1758/55	76,5	21	0,005	5
1758/105	126,5	21	0,010	5

Cutting Discs

Cut-off disk | Steel

for separating steel and other metals



Art. No.	Ø	kg	PU
6200/115 *	115	0,074	1
6200/125 *	125	0,087	1
6200/178	178	0,180	1
6200/230 *	230	0,305	1

Cut-off disk | INOX

for cutting stainless steel, steel and other metals



Art. No.	Ø	kg	PU
6215/115 *	115	0,025	1
6215/125 *	125	0,030	1
6215/150 *	150	0,030	1
6215/230 *	230	0,200	1

Diamond cutting and chamfering disc

Diamond coating, for cutting and chamfering all plastic pipes in one work process



Art. No.	Ø	kg	PU
6219/125	125	0,400	1

Diamond cutting disc

universal use for wet and dry cutting of almost all materials



Art. No.	Ø	kg	PU
6240/115 *	115	0,112	1
6240/125 *	125	0,142	1
6240/180	180	0,364	1
6240/230	230	0,637	1

BRINKO[®]
powered by haupa

Sealing Tools

Sealing pliers

polished, nickel-plated, with a stamp



Art. No.	↔	∅	kg	PU
546/130	130	8	0,246	1
546/150	150	9	0,330	1
546/170	170	10	0,484	1

Sealing stamp

signatures according to customer request



Art. No.	∅	kg	PU
546-1/8	8	0,003	1
546-1/9	9	0,003	1
546-1/10	10	0,003	1

Sealing stamp



Art. No.	Digits	kg	PU
546-10	1	0,000	1
546-20	2	0,000	1
546-30	3	0,000	1
546-40	4	0,000	1
546-50	5	0,000	1
546-60	6	0,000	1

Lead seal



Art. No.	∅	kg	PU
548/8	8 mm	1,005	1
548/9	9 mm	1,012	1
548/10	10 mm	1,016	1
548/12	12 mm	1,018	1

Seal wire

grouped together 1000 units



Art. No.	↔	kg	PU
550/180	180	0,484	1

Seal wire



Art. No.	↔ m	kg	PU
551/500	115	0,578	1

Cartridge guns

Cartridge gun

integrated needle to clean the tip of the cartridge



Art. No.	∅	max. L	kg	PU
1362 *	51	340	0,555	1

Cartridge gun

wear-free, hardened and specially chrome-plated drives V=4 mm/stroke, thrust 1000 N



Art. No.	∅	max. L	kg	PU
1365	51	340	0,985	1

Sealing accessories

Hemp dispenser



Art. No.	kg	PU
3820	0,104	1

Hemp coil



Art. No.	kg	PU
3825	0,090	1

Aluminium support brackets



Art. No.	W	kg	PU
231/135	135	0,158	1
231/150	150	0,183	1

Rope tools

Wire Grips | Insulated

Wire Grips for bundle assembled aerial cables (single or more core), aerial bundled conductors



Art. No.	Ø	Load kg	kg	PU
3466/1	8 - 25	1.250	0,950	1
3466/2	16 - 34	3.000	2,190	1
3466/3	28 - 45	4.500	3,200	1

Wire Grips | Universal

Wire Grips for profile bar, flat bar and rail systems



Art. No.	Ø	Load kg	kg	PU
3467/1	1 - 9	2.500	0,850	1
3467/3	1 - 18	7.000	1,850	1

Wire Grips | Copper and Steel

Wire Grips for copper and steel cables



Art. No.	Ø	Load kg	kg	PU
3468/0	1 - 5	1.250	0,260	1
3468/1	3 - 9	2.500	0,845	1
3468/2	4 - 12	4.500	1,255	1
3468/3	6 - 18	7.000	1,665	1
3468/4	10 - 28	8.000	4,000	1
3468/5	20 - 40	9.000	6,000	1

Wire Grips | Aluminium

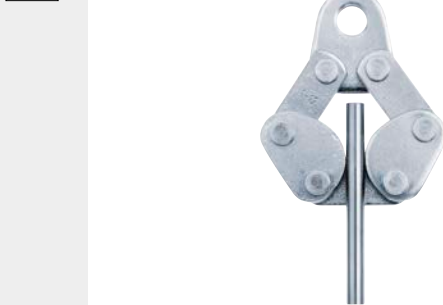
Wire Grips for aluminium cables with and without a steel core



Art. No.	Ø	Load kg	kg	PU
3469/1	5.4 - 8.5	2.000	0,830	1
3469/2	5 - 12	3.400	1,270	1
3469/3	8 - 18	6.000	1,800	1
3469/4	15 - 28	7.000	4,000	1
3469/5	20 - 40	9.000	6,000	1

Wire stretcher

Wire stretcher for tensioning clamping ropes, wire and rods



Art. No.	Ø	Load kg	kg	PU
3462/1-3	1 - 3	400	0,110	1
3462/1-4	1 - 4	500	0,260	1
3462/1-6	1 - 6	800	0,480	1
3462/1-8	1 - 8	1.200	0,620	1
3462/1-12	1 - 12	1.800	1,000	1
3462/10-25	10 - 25	3.000	2,620	1

Hand pulley rope

21 m x 10 mm



Art. No.	↔m	ST	kg	PU
3495/10	10	10	1,271	1



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3467/1	175	8	1	4081	166	8	1	56/16x17	139	8	1	625-33/PB2M12	161	8	1
3467/3	175	8	1	4082	166	8	1	56/17x19	139	8	1	625-33/PB2M15	161	8	1
3468/0	175	8	1	4090	166	8	1	56/18x19	139	8	1	625-33/PB2M18	161	8	1
3468/1	175	8	1	4091	166	8	1	56/20x22	139	8	1	625-33/PB2M22	161	8	1
3468/2	175	8	1	4092	166	8	1	56/21x23	139	8	1	625-33/PB2M28	161	8	1
3468/3	175	8	1	4200	165	8	1	56/22x24	139	8	1	625-33/PB2M35	161	8	1
3468/4	175	8	1	4207	153	8	1	56/24x27	139	8	1	625-34/PB2T16	161	8	1
3468/5	175	8	1	4210	153	8	1	56/25x28	139	8	1	625-34/PB2T20	161	8	1
3469/1	175	8	1	4250	153	8	1	56/30x32	139	8	1	625-34/PB2T26	161	8	1
3469/2	175	8	1	4255	153	8	1	56/36x41	139	8	1	625-34/PB2T32	161	8	1
3469/3	175	8	1	4258	153	8	1	56/41x46	139	8	1	625-35/PB2U16	162	8	1
3469/4	175	8	1	4259	153	8	1	56/46x50	139	8	1	625-35/PB2U20	162	8	1
3469/5	175	8	1	4260	153	8	1	56/6X7	139	8	1	625-35/PB2U25	162	8	1
3495/10	175	8	1	4262	153	8	1	56/8x9	139	8	1	625-35/PB2U32	162	8	1
3520	146	8	1	4263	153	8	1	58-1/10	139	8	1	625-40/PS2V42	162	8	1
3525	146	8	1	4266	153	8	1	58-1/12	139	8	1	625-40/PS2V54	162	8	1
3526	146	8	1	4278-1	153	8	1	58-1/8	139	8	1	625-43/PS2M42	162	8	1
3552/3	152	8	1	4278-3	153	8	1	618/1	137	8	1	625-43/PS2M54	162	8	1
3552/4	152	8	1	4394	164	8	1	618/11/2	137	8	1	625-44/PS2T40	162	8	1
3552/6	152	8	1	4395	164	8	1	618/2	137	8	1	625-44/PS2T50	162	8	1
3552/8	152	8	1	4398	164	8	1	618/3	137	8	1	625-44/PS2T63	162	8	1
3562/6	152	8	1	4399	164	8	1	618/4	137	8	1	625-45/PS2U40	162	8	1
3700/3	157	8	1	4400	163	8	1	619/1	137	8	1	625-45/PS2U50	162	8	1

Art. no.	Page	PG	PU	Art. no.	Page	PG	PU	Art. no.	Page	PG	PU	Art. no.	Page	PG	PU
625-45/PS2U63	162	8	1	637-1/12	156	8	1	705/1/2	143	8	1	912/34	170	8	1
625-4KO/ECO203	159	8	1	637-1/14	156	8	1	714/1	144	8	1	912/36	170	8	1
625-4PG/ECO203	159	8	1	637-1/15	156	8	1	714/2	144	8	1	912/38	170	8	1
625-4SE/ECO203	159	8	1	637-1/16	156	8	1	715/2	144	8	1	912/39	170	8	1
625-53/PS3M08	162	8	1	637-1/17	156	8	1	718/1	144	8	1	912/40	170	8	1
625-53/PS3M42	162	8	1	637-1/18	156	8	1	718/1/2	144	8	1	912/41	170	8	1
625-53/PS3M54	162	8	1	637-1/20	156	8	1	718/3/4	144	8	1	912/42	170	8	1
625-53/PS3M64	162	8	1	637-1/22	156	8	1	718/3/8	144	8	1	912/43	170	8	1
625-53/PS3M76	162	8	1	637-1/26	156	8	1	725	143	8	1	912/44	170	8	1
625-53/PS3M88	162	8	1	637-1/32	156	8	1	726	143	8	1	912/45	170	8	1
625-5AK/ACO203	160	8	1	637-10	156	8	1	7360	150	8	1	912/46	170	8	1
625-5KO/ACO203	159	8	1	637-2	156	8	1	7362	150	8	1	912/48	170	8	1
625-5KO/ACOXL	159	8	1	637-20	156	8	1	7410	149	8	1	912/49	170	8	1
625-5LA/ACO203	160	8	1	637-4	156	8	1	7413	150	8	1	912/50	170	8	1
625-5PM/ACO203	159	8	1	637-6/1	156	8	1	7416	150	8	1	912/51	170	8	1
625-5SE/ACO203	159	8	1	637-6/2	156	8	1	7418	149	8	1	912/52	170	8	1
625-5XL/ACO203	160	8	1	637-6/3	156	8	1	7419	149	8	1	912/53	170	8	1
625-63/PS4H08	162	8	1	637-6/4	156	8	1	7420/1	150	8	1	912/55	170	8	1
625-63/PS4H76	162	8	1	637-6/5	156	8	1	7420/2	150	8	1	913/10x1	171	8	1
625-63/PS4H88	162	8	1	638/12	156	8	1	7421	149	8	1	913/12x1,5	171	8	1
625-7KO/PS323	160	8	1	638/15	156	8	1	7438	149	8	1	913/16x1,5	171	8	1
625-7KO/PS324	160	8	1	638/18	156	8	1	7515	150	8	1	914	170	8	1
625-8PG/ACO403	160	8	1	638/22	156	8	1	7516	150	8	1	915/1	170	8	1
625-KO/PB1	160	8	1	64/10	139	8	1	7530	149	8	1	915/2	170	8	1
625-KO/PB2	160	8	1	64/13	139	8	1	762/260	146	8	1	915/7	170	8	1
625-KO/PS2	160	8	1	64/17	139	8	1	7640	151	8	1	917	170	8	1
625-KO/ZBXL	160	8	1	64/19	139	8	1	7640-1	151	8	1	918	170	8	1
625-ZB/221XL	162	8	1	64/24	139	8	1	7640-2	151	8	1	918-1	170	8	1
625-ZB/222XL	162	8	1	646	156	8	1	7641	151	8	1	92-1	141	8	1
625-ZB/PS203	162	8	1	647/63	156	8	1	7641-1	151	8	1	92/10x11	141	8	1
625-ZB/SETXL	162	8	1	648/35	156	8	1	786/260	146	8	1	92/12x13	141	8	1
627	154	8	1	648/54	156	8	1	792/250	146	8	1	92/14x15	141	8	1
627-1	155	8	1	655	142	8	1	793/250	146	8	1	92/17x19	141	8	1
627-2	155	8	1	655-1/10	143	8	1	794/250	146	8	1	92/19x22	141	8	1
627-4	154	8	1	655-1/11	143	8	1	798/300	146	8	1	92/20x22	141	8	1
627-5	155	8	1	655-1/12	143	8	1	8030/1,0	165	8	1	92/22x24	141	8	1
627-70	154	8	1	655-1/14	143	8	1	8030/1,5	165	8	1	92/24x27	141	8	1
627-71	155	8	1	655-1/32	143	8	1	8061/1,0	165	8	1	92/30x32	141	8	1
628-1	155	8	1	655-1/9	143	8	1	8061/1,5	165	8	1	92/32x36	141	8	1
628/140	155	8	1	659	143	8	1	8080	165	8	1	92/6x7	141	8	1
629-1/2	155	8	1	659-1	143	8	1	81-1/10	140	8	1	92/8x9	141	8	1
629-1/4	155	8	1	66-1/10	140	8	1	83	139	8	1	94/10	141	8	1
629-2/2	155	8	1	66-1/8	140	8	1	90/10	141	8	1	94/13	141	8	1
629-2/4	155	8	1	660	138	8	1	90/11	141	8	1	94/17	141	8	1
629-3/2	155	8	1	661	142	8	1	90/12	141	8	1	94/19	141	8	1
629-3/4	155	8	1	662	142	8	1	90/13	141	8	1	94/22	141	8	1
629-4/2	155	8	1	663	138	8	1	90/9	141	8	1	94/36	141	8	1
629-4/4	155	8	1	665/235	143	8	1	900/11	170	8	1				
629/2	154	8	1	666/1	145	8	1	900/13,5	170	8	1				
629/4	154	8	1	666/2	145	8	1	900/16	170	8	1				
631	154	8	1	670/170	144	8	1	900/21	170	8	1				
631-10	154	8	1	671/240	144	8	1	900/29	170	8	1				
631-12	154	8	1	672/265	140	8	1	900/36	170	8	1				
631-13	154	8	1	673-1/1	145	8	1	900/42	170	8	1				
631-14	154	8	1	673-1/2	145	8	1	900/48	170	8	1				
631-2	154	8	1	673-2/2	145	8	1	900/9	170	8	1				
631-3	154	8	1	673/105	145	8	1	9001	137	8	1				
631-4	154	8	1	673/86	144	8	1	9025	150	8	1				
631-5	154	8	1	674	144	8	1	905/16,5	170	8	1				
631-52	154	8	1	675	144	8	1	905/20,5	170	8	1				
631-53	154	8	1	676	143	8	1	905/25,5	170	8	1				
631-54	154	8	1	676-1	143	8	1	905/32,5	170	8	1				
632-1	155	8	1	677	142	8	1	905/40,5	170	8	1				
632-11	155	8	1	677-1	142	8	1	905/50,5	170	8	1				
633-1	155	8	1	682/250	137	8	1	905/63,5	170	8	1				
633-2	154	8	1	685/175	137	8	1	910/11/4	170	8	1				
633-3	154	8	1	685/240	137	8	1	910/11/8	170	8	1				
633-4	154	8	1	685/300	137	8	1	912/15	170	8	1				
633-71/35	154	8	1	687/150	137	8	1	912/16	170	8	1				
633-75	155	8	1	687/180	137	8	1	912/17	170	8	1				
633-75A	155	8	1	687/250	137	8	1	912/18	170	8	1				
633-76	154	8	1	687/300	137	8	1	912/19	170	8	1				
633/35	154	8	1	687/400	137	8	1	912/20	170	8	1				
633/45	154	8	1	689/180	137	8	1	912/21	170	8	1				
634-1/35	155	8	1	689/240	137	8	1	912/22	170	8	1				
634/35	155	8	1	689/300	137	8	1	912/23	170	8	1				
635-10/35	156	8	1	696/240	138	8	1	912/24	170	8	1				
635-10/42	156	8	1	7000/15	150	8	1	912/25	170	8	1				
635/35	156	8	1	7000/5	150	8	1	912/26	170	8	1				
635/42	156	8	1	701/10	157	8	1	912/27	170	8	1				
636-1/10	156	8	1	701/12	157	8	1	912/28	170	8	1				
636-1/12	156	8	1	701/15	157	8	1	912/30	170	8	1				
637	156	8	1	701/16	157	8	1	912/31	170	8	1				
637-1/10	156	8	1	701/8	157	8	1	912/33	170	8	1				

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Contact



HAUPA GmbH & Co. KG General Terms and Conditions of Business and Delivery

1 General/ provisions/Scope

1.1 These HAUPA GmbH & Co. KG (hereinafter referred to as "HAUPA") General Terms of Business and Delivery apply exclusively. Terms and conditions of a HAUPA contractual partner (hereinafter referred to as a "Customer") that contradict or deviate from these Terms and Conditions of Sale and Delivery will not be recognised unless HAUPA has expressly agreed in writing to the applicability of such deviating terms and conditions. These Terms and Conditions of Business and Delivery shall also apply if HAUPA makes a delivery to a Customer without reservation with knowledge that the Customer's terms and conditions conflict with or deviate from these Terms and Conditions of Business and Delivery.

1.2 These Terms and Conditions of Business and Delivery also apply to all future transactions with the Customer.

1.3 These Terms and Conditions of Business and Delivery only apply in dealings with business enterprises.

2 Offer and acceptance

2.1 All offers from HAUPA are subject to confirmation. This is subject to reservation of the right to discontinue articles and to make price changes. The scope of HAUPA's delivery obligation is determined by its order confirmation or offer. Verbal and telephonic agreements only become effective upon written confirmation.

2.2 If an order qualifies as an offer according to section 145 German Civil Code (BGB), HAUPA may accept such an offer within four weeks. A contract is concluded at the latest upon dispatch of the order confirmation, shipment of ordered goods or, in the case of partial delivery, upon shipment of the first delivery.

2.3 Documents, drawings, weight and measurement data, samples, etc. contained in offers are only approximate information and do not represent guaranteed characteristics. HAUPA is entitled to deviate from descriptions in an offer, provided that such deviations are not of a fundamental or essential nature and do not impair the contractually intended use.

2.4 If parts are manufactured by HAUPA according to Customer drawings, drawings prepared by HAUPA and approved by the Customer are deemed to be authoritative. Deviations from approved drawings must be agreed separately and any additional costs incurred as a result must be reimbursed.

2.5 If the Customer requests customised cost estimates, any associated expenses must be reimbursed. If an order is placed, any respective expenses in this regard will be offset against the purchase price.

3 Intellectual property rights

3.1 HAUPA reserves ownership and copyright to all illustrations, drawings, calculations and other documents. Without limitation, this applies to written documents that are designated as "confidential". They may only be disclosed to third parties by the Customer with the prior written consent of HAUPA.

3.2 If supplies of goods and services are made on the basis of drawings or other information provided by the Customer, and if third-party industrial property rights are asserted in this regard, as between the parties, the Customer shall indemnify HAUPA against all such claims.

4 Delivery/Delay in delivery

4.1 Delivery periods and delivery dates shall only be deemed to have been agreed as binding if they are expressly agreed in writing in the offer. HAUPA shall not be bound by the delivery date or the delivery period if the Customer does not fulfil its obligations (instalment payments, provision of necessary documents, etc.) on a timely basis. The right to assert the defence of non-performance of the contract remains reserved.

4.2 Delivery periods shall commence on the day on which the contract was concluded in writing at the earliest. The commencement of such period presupposes clarification of all technical questions.

4.3 In the event of subsequent changes requested by the Customer, HAUPA is released from the obligation to comply with the delivery date or delivery period.

4.4 The delivery period shall be deemed to have been complied with if the delivery item has left HAUPA's works, or HAUPA has provided notice that goods are ready for dispatch, by the end of the delivery period.

4.5 The Customer cannot assert any claims due to delays in delivery which are not due to intent or gross negligence on the part of HAUPA. This applies in particular to delays in delivery due to a force majeure event. In such cases, the agreed delivery date or delivery period shall be postponed in accordance with the duration of the respective impediment to delivery.

4.6 Returns can only be made with the express prior consent of HAUPA. Parts from the current delivery programme must be returned in their original packaging free of defects and in salable condition. Returns must be carriage paid and at the risk of the sender with deduction of a 20% return fee. Processing fees will be deducted on a time and materials basis. Such costs may include recoding, cleaning and repackaging expenses.

4.7 If the Customer is in default of acceptance or violates other duties to cooperate, HAUPA is entitled to demand compensation for damages incurred in this respect, including any additional expenses. HAUPA is also entitled to set a reasonable acceptance period for the Customer and to withdraw from the contract after its expiry without success and may claim damages in lieu of performance.

4.8 In the case of special articles, HAUPA reserves the right to make over or underdeliveries of up to 10%.

5 Passage of risk/Packaging

5.1 Risk shall pass to the Customer upon dispatch of the goods at the latest, even if partial deliveries are made.

5.2 Deliveries are made ex works. HAUPA will insure the goods against insurable risks at the expense of the Customer only on the Customer's express request.

5.3 Transport packaging and all other packaging in accordance with the Packaging Ordinance shall not be taken back. The Customer is obliged to arrange for the disposal of such packaging at its own expense.

6 Prices/Payment terms

6.1 Unless otherwise stated in the order confirmation, prices quoted are ex works in all cases, excluding packaging, which shall be charged separately.

6.2 Quoted prices are net prices; statutory value added tax will be added at the applicable rate.

6.3 HAUPA may charge the Customer for any additional costs incurred as a result of subsequent change requests.

6.4 Invoices are due for payment within 30 days of the invoice date without deduction. Discounts shall only be deemed agreed if expressly confirmed in writing by HAUPA.

6.5 HAUPA is entitled, even in the event of conflicting payment terms of the Customer, to apply payment first to the oldest obligation not yet reduced to judgement. If costs or interest have already been incurred, HAUPA is entitled to set off payments first against the costs, then against interest and finally against the principal obligation.

6.6 HAUPA is entitled to assign claims within the HAUPA Group.

6.7 The Customer is only entitled to apply a set-off if and insofar as its counterclaims have been reduced to final judgement, are undisputed or have been acknowledged in writing by HAUPA. The Customer's right of retention is limited to claims arising from the contractual relationship.

7 Liability

7.1 HAUPA is not liable for damages caused by improper handling, wear, storage or other actions of the Customer or third parties.

7.2 Statutory claims arising from liability for material defects shall become time-barred 24 months after delivery of the goods. This does not constitute a guarantee of liability. Batteries are excluded from this limitations period. For supplies of batteries, we only recognise a period of six months from delivery. This does not constitute a guarantee of durability.

7.3 The Customer is obliged to comply with its duty of inspection according to section 377 German Commercial Code (HGB) even if the goods are resold.

7.4 HAUPA has the right to choose between repair or replacement.

7.5 HAUPA shall not bear expenses required for the purpose of tracking if such expenses are increased by the fact that the goods were taken to a place other than the Customer's place of business after delivery. This does not apply if moving the product conforms to its intended use.

7.6 The Customer's right of recourse against HAUPA on account of claims arising from liability for material defects asserted against the Customer by its customers is excluded if the Customer has not fulfilled its obligation to inspect and give notice of defects or if the goods have been modified by means of processing.

7.7 HAUPA's liability for damages according to applicable statutory provisions is unlimited if a breach of duty attributable to HAUPA is based on intent or gross negligence. To the extent that the respective breach of duty attributable to HAUPA is due to ordinary negligence, and an essential contractual obligation has been culpably breached, liability for damages is limited to foreseeable damages typically occurring in comparable cases. Liability is excluded all other cases.

7.8 This is without prejudice to liability according to the provisions of the Product Liability Act. This is likewise without prejudice to liability for injury to life, limb and health.

8 Retention of title

8.1 HAUPA retains title to all parts that have been delivered until receipt of all payments under the delivery contract. If the Customer is in breach of contract, in particular by being in default of payment, HAUPA is entitled to repossess the goods.

8.2 The Customer is obliged to treat all goods delivered to it with care and to insure them, at its own expense, against any form of destruction at their replacement value for the period during which title is retained.

8.3 Costs for maintenance and inspection work shall also be borne by the Customer during the period during which title is retained even if such work carried out by HAUPA.

8.4 In the event of seizures or other forms of attachment by third parties, the Customer must inform HAUPA immediately in writing so that HAUPA may intervene as a third party. In the event that a third party is not in a position to reimburse the judicial and extrajudicial costs of such an action, the Customer shall be liable for such costs.

8.5 The Customer is entitled to resell purchased items in the ordinary course of business. However, the Customer hereby assigns to HAUPA all claims that accrue to it from resales to their customers or third parties in the amount of HAUPA's final invoice amount (including VAT), irrespective of whether the object of sale has been resold without or after processing. The Customer remains entitled to collect such claim even after delivery. This is without prejudice to HAUPA's authority to collect such claims itself. However, HAUPA undertakes not to collect such claims as long as the Customer meets its payment obligations from the proceeds collected, is not in default of payment and, in particular, no petition for the opening of insolvency proceedings has been filed or payments have not been suspended.

8.6 If delivered goods are inseparably mixed or combined with other objects not belonging to HAUPA, HAUPA shall acquire co-ownership of the new or combined object in the ratio of the value of the delivered goods (final invoice amount including value added tax) to the other object(s) at the time of mixing

or combining. The Customer shall safeguard sole ownership or co-ownership thus created on behalf of HAUPA.

8.7 Payment of cost allocations for tools do not entitle the Customer to such tools; they remain the sole property of HAUPA.

9 Prohibition of assignment

No claims of the Customer against HAUPA arising from the contractual relationship may be assigned.

10 Product liability

10.1 The Customer may only use the goods as intended and must ensure that such goods are resold only to persons familiar with the product hazards and risks.

10.2 When using the goods as raw materials and component products for its own products, the Customer is likewise obliged to comply with its warning obligation with regard to goods delivered by HAUPA when placing the end product on the market. As between the parties, the Customer shall, upon first request, indemnify and hold HAUPA harmless against the assertion of claims in the event of a breach of this obligation.

11 Miscellaneous/Final provisions

11.1 The place of performance is the location of HAUPA's registered office.

11.2 The place of jurisdiction for all disputes arising under or in connection with this contract is the location of HAUPA's registered office. However, HAUPA is also entitled to sue the Customer at the court located at the location of the registered office the Customer with general jurisdiction over the Customer or at the place where the Customer has a branch office.






11.3 The domestic law of the country in which HAUPA has its registered applies exclusively to the exclusion of the UN Convention on Contracts for the International Sale of Goods.

12 Data protection

12.1 In accordance with section 4 of the German Federal Data Protection Act, the Customer agrees that personal data may be processed by the contractor using electronic means. It is aware that data will not be transferred to third parties outside the HAUPA Group and that it may refuse or withdraw consent with effect for the future.

Last updated: August 2022

Legend

	total length in mm	role/G	role weight in g
 m	total length in m	rope mm ²	Cable cross-section
 mm	span width in mm	rope Ø	Suitable for lanyard diameter
 "	Tube diameter	rope-Ø	rope diameter in mm
 mm	span width in mm	s	material thickness
∅	diameter in mm	Sbl.	saw blade length
A	sleeve length	se	single core sector
Al	aluminium	Shaft Ø	Shaft diameter
B	flange width	size	size in mm
Balloon Ø	Balloon diameter	sm	multiple core sector
BL	blade length	span Ø	Jaw width
c	flange length	strength (St.)	strength in mm
c1	flange length 1	Tin %	Tin percentage
c2	flange length 2	TL	total length in m
CL	cutting length	TM	thread metric
Col.	colour	TMA	tested/Measured area
Cont.	content	TPI	Teeth Per Inch
content ml	content in ml	Tube Ø	Tube diameter
crimp	crimping range	v1	slim pressing
crimp coaxial	crimping range coaxial	v2	width in mm
crimp modular	crimping range modular	width (B)	width in mm
CSS	cross-section in mm	WS	wrench size
CSS rm/sm	cross-section rm/sm		
CSS/red.	conductor cross-section reduced		
Cu	copper		
Cu Ø	Copper pipe diameter		
CW	cutting width		
d1	internal diameter		
d1/red.	internal diameter reduced		
d2	hole diameter		
d4	external diameter		
db	Insulation value SNR		
depth (D)	depth in mm		
Drill Ø	Diameter drill		
drum/kg	drum weight in kg		
drum/Ø	drum diameter in mm		
drum/width	drum width in mm		
E	length to middle of hole		
H1	height 1 in mm		
height (H)	height in mm		
Hole Ø	Hole diameter		
HW	hammer weight in g		
Id.	identification number		
Id. Al	identification number Al		
Id. Cu	identification number Cu		
Inner Ø	Inner diameter		
kg/100	weight in kg/100 pcs.		
kg/h	Gas quantity in kg/h		
KIBr	Blade width		
kN	Lifting capacity		
l	length in mm		
Loc.	locator		
mat.	material		
max. ml	Cartridge capacity		
max. Ø	Max. cartridge diameter		
mm ²	diameter in mm ²		
N/Ø	nail diameter		
NL	nail length		
No.	number		
NP	nominal pressure in bar		
∅	cross-section in mm		
∅ after	diameter after shrinkage		
∅ before	diameter before shrinkage		
∅ mm ²	Max. cable cross section		
∅/Inch	diameter in inch		
∅ bo.	bolt diameter in mm		
Outer Ø	Outer diameter		
PE/PU	pricing/packing unit		
PU	packing unit		
PW	pressing width		



211878
naupa
7501

ESD
⚡

IONIC

Point of sales



HAUPA | Sales promotion

On request, HAUPA also naturally supplies individual cabinets and wall displays fitted out with your own choice of tools. Our different resenatation models offer possibilities for your sales area which are both interesting and variable.



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