


VILLBEK LTD.

2019 V1.0

 1000V

**INJECTION
INSULATED
TOOLS**

**DIPPED
INSULATED
TOOLS**

MANUFACTURED
ACCORDING TO
IEC60900
STANDARD

***INSULATED
TOOLS
CATALOGUE***





VILLBEK

IMPACT TEST

There are two tests carried out: The first test is performed at an ambient of $-25\pm 3^{\circ}\text{C}$ (the tools lay in a cold chamber for 2 hours), if with C marked test need to be done by $-40\pm 3^{\circ}\text{C}$ and is carried out 120 seconds after the tools have been removed from the chamber. The second test is carried out at ambient temperature of $23\pm 5^{\circ}\text{C}$. The hammer is allowed to fall freely on three different places of the insulated material. The test piece is acceptable if the handle is not cracked, broken or does not show signs of faking. This test can be compared to a fall of the tool from a height of 0.6m at a temperature of -25°C and a fall from a height of 2m at room temperature.

ELECTRICAL TEST

Before testing, the tools are immersed in a bath of water at room temperature of 24 hours (± 0.5 hours). The test pieces are acceptable if there is no electrical discharge, spark over or flashover, during the 3 minutes of testing at a voltage of 10 KV.

STAMP TEST

The indenter, loaded with a weight of 20N and a voltage of 5 KV, is applied to the centre of the handle. The test is successful if the test piece subsequently passes the electrical test.

INSULATION TEST

Before testing the test piece is heated to $70^{\circ}\text{C}\pm 3^{\circ}\text{C}$ for 168 hours. The hanger is loaded with weights (500N), wrenches and sockets sets with weights (100N). The duration of test is 3 minutes after the test piece has been removed from heat. The test piece is acceptable if the handle remains firmly attached to the conducting part after 3 minutes of testing.





FLAME RETARDANCY TEST

The flame is applied to the test piece for 10 seconds. The test piece is acceptable if the height of the flame on the burning handle does not exceed 120mm in an observation period of 20 seconds after the burner has been removed.



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INSULATED PLIERS

-  Soft wire
-  Medium hard wire
-  Hard wires
-  Cu+Al multi-conductor cable, strand and multi-stranded





 1000V

Metal part made in CRV steel
Precision machined body
with strictly heat treatment
Manufactured according to
IEC60900 standard

**DIPPED
GRIP**

DIPPED INSULATED COMBINATION PLIERS

Item No.	← m →		
01085-6	160	2.0	1.6
01085-7	180	2.4	2.0
01085-8	200	2.5	2.2





 1000V

Metal part made in CRV steel
Pearl nickel plated surface
Precision machined body
with strictly heat treatment
Manufactured according to
IEC60900 standard

**DIPPED
GRIP**

DIPPED INSULATED COMBINATION PLIERS

Item No.	← m →		
10116	160	2	1.6
10118	180	2.4	2
10120	200	2.5	2.2

DIPPED INSULATED FLAT NOSE PLIERS



Item No.	↔ m ↔	☐	●
01087-6	160	2	1.6
01087-8	200	2.4	2

DIPPED INSULATED SNIPE NOSE SIDE CUTTING PLIERS



Item No.	↔ m ↔	☐	●
10316	160	2	1.6
10320	200	2.4	2

DIPPED INSULATED WATER PUMP PLIERS



Item No.	↔ mm ↔	mm (Max)
11525	250	28
11530	300	35

DIPPED INSULATED CURVED NOSE CUTTING PLIERS



Item No.	↔ m ↔	☐	●
10516	160	2	1.6
10520	200	2.4	2

DIPPED INSULATED DIAGONAL PLIERS



Item No.	↔ mm ↔
01086-6	160

DIPPED INSULATED DIAGONAL PLIERS



Item No.	↔ mm ↔	☐	☐	●
10716	160	2.6	2.4	2
10718	180	4	2.7	2.2

INJECTION INSULATED CABLE CUTTERS

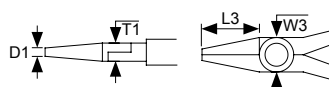


C



Item No.	⊕ mm (Max)	mm ² (Max)
12024	32	240
12038	52	380

DIPPED INSULATED FLAT NOSE PLIERS



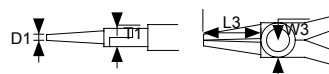
Item No.	mm	L3	W3	D1	T1
10920	160	48	16	6.5	9

DIPPED INSULATED CABLE SHEARS



Item No.	mm	⊕ mm (Max)	mm ² (Max)
11715	150	8	16
11725	250	22	150

DIPPED INSULATED ROUND NOSE PLIERS



Item No.	mm	L3	W3	D1	T1
11116	160	46	16	2.6	9

DIPPED INSULATED WIRE STRIPPERS



Item No.	mm	⊕ mm	mm ²
09091-6	160	5.0	10.0

DIPPED INSULATED WIRE STRIPPERS



Item No.	mm	⊕ mm	mm ²
11316	160	5.0	10.0

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INSULATED SCREWDRIVERS

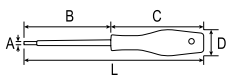


   1000V



Blade made in S2 material,
with black finish surface

Grip and sleeve manufactured
according to EN 60900 standard

Tip type shown by endcap



VDE SLOTTED SCREWDRIVER

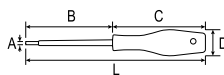
Item No.			A	B	CxD	L
30204	0.4	2.5	2.5	75	95x25	170
30205	0.5	3	3	100	95x25	195
30206	0.6	3.5	3.5	100	95x25	195
30208	0.8	4	4	100	105x30	205
30210	1	5.5	5.5	125	115x35	240
30212	1.2	6.5	6.5	150	115x35	265

   1000V


Blade made in S2 material,
with black finish surface

Grip and sleeve manufactured
according to EN 60900 standard

Tip type shown by endcap



VDE PHILLIPS SCREWDRIVER

Item No.		A	B	CxD	L
30400	PH0	3	60	95X25	155
30401	PH1	5	80	105X30	185
30402	PH2	6	100	115X35	215
30403	PH3	8	150	118X41	268

 1000V

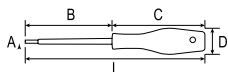
INSULATED SCREWDRIVERS





Blade made in S2 material, with black finish surface

Grip and sleeve manufactured according to EN 60900 standard

Tip type shown by endcap



VDE SCREWDRIVERS (SLOTTED)

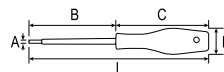
Item No.			B
01258 L01	0.4	2.5	75
01258 L02	0.6	3	100
01258 L03	0.8	4	100
01258 L04	1.0	5.5	125
01258 L05	1.2	6.5	150
01258 L06	1.6	8	175




Blade made in S2 material, with black finish surface

Grip and sleeve manufactured according to EN 60900 standard

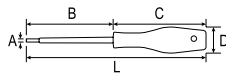
Tip type shown by endcap



VDE SCREWDRIVERS (SLOTTED) PHILIPS

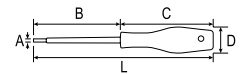
Item No.		A	B
01259 L07	PH0	3	60
01259 L15	PH0	3	100
01259 L08	PH1	4.5	80
01259 L16	PH1	4.5	150
01259 L09	PH2	6	100
01259 L17	PH2	6	175
01259 L10	PH3	8	150
01259 L18	PH3	8	200

VDE POZI SCREWDRIVER



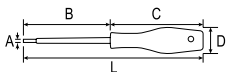
Item No.	Symbol	A	B	CxD	L
30600	PZ0	3	60	95X25	155
30601	PZ1	5	80	105X30	185
30602	PZ2	6	100	115X35	215
30603	PZ3	8	150	118X41	268

VDE TX SCREWDRIVER



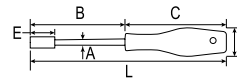
Item No.	Symbol	A	B	CxD	L
30810	T10	3	70	95X25	165
30815	T15	4	80	105X30	185
30820	T20	4	100	105X30	205
30825	T25	5	125	115X35	230
30830	T30	6	130	115X35	245

VDE HEX SCREWDRIVER



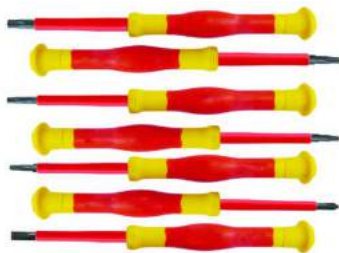
Item No.	Symbol	A	B	CxD	L
31025	2.5	2.5	75	95X25	170
31003	3	3	75	95X25	170
31004	4	4	75	105X30	180
31005	5	5	75	105X30	180
31006	6	6	100	115X35	215
31008	8	8	100	118X41	218

VDE NUT SCREWDRIVER



Item No.	Symbol	A	B	E	CxD	L
31204	4	7.2	125	31	105x30	230
31205	5	7.2	125	31	105x30	230
31255	5.5	7.2	125	31	105x30	230
31206	6	7.2	125	31	105x30	230
31207	7	7.2	125	31	105x30	230
31208	8	7.2	125	31	105x30	230
31209	9	7.2	125	31	105x30	230
31210	10	7.2	125	31	105x30	230
31211	11	8.1	125	31	118x41	240
31212	12	8.1	125	31	118x41	243
31213	13	8.1	125	31	118x41	243
31214	14	8.1	125	31	118x41	243

INSULATED PRECISION SCREWDRIVER 7PCS SET



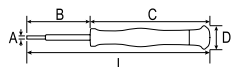
Item No.	Content
32207	Slotted: 0.5x3.0x50 Phillips: PH0x50 TX: T6x50 T8x50 T10x50 T15x50 T20x50

INSULATED SCREWDRIVER 8PCS SET



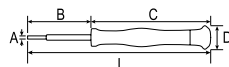
Item No.	Content
32408	Slotted: 0.4x2.5x75, 0.8x4.0x100, 1.0x5.5x125, 1.2x6.5x150 Phillips: PH0x60, PH1x80, PH2x100 Voltage Tester: 3.0x70

VDE PRECISION SLOTTED SCREWDRIVER



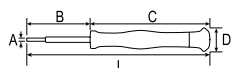
Item No.	∇	□	A	B	CxD	L
31415	0.23	1.5	1.5	50	95x18	145
31418	0.3	1.8	2	50	95x18	145
31420	0.4	2	2	50	95x18	145
31425	0.4	2.5	2.5	50	95x18	145
31430	0.5	3	3	50	95x18	145

VDE PRECISION PHILLIPS SCREWDRIVER



Item No.	⊕	A	B	CxD	L
31600	PH00	2.5	50	95x18	145
31601	PH0	3	50	95x18	145
31602	PH1	3	50	95x18	145

VDE PRECISION TX SCREWDRIVER



Item No.	⊕	A	B	CxD	L
31806	T6	2.5	50	95x18	145
31808	T8	2.5	50	95x18	145
31810	T10	3	50	95x18	145
31815	T15	4	50	95x18	145
31820	T20	4	50	95x18	145

INSULATED PRECISION SCREWDRIVER 7PCS SET



Item No.	Content
32007	Slotted: 0.23x1.5x50 0.3x1.8x50 0.4x2.0x50 0.4x2.5x50 0.5x3.0x50 Phillips: PH00x50 PH0x50

INSULATED SCREWDRIVER 7PCS SET



Item No.	Content
32607	Slotted: 0.5x3.0x100, 0.8x4.0x100, 1.0x5.5x125, 1.2x6.5x150 Phillips: PH1x80, PH2x100 Voltage Tester: 3.0x70

INSULATED SCREWDRIVER 6PCS SET



Item No.	Content
38013	Slotted: 0.5x3.0x100, 0.8x4.0x100, 1.0x5.5x125, Phillips: PH1x80, PH2x100 Voltage Tester: 3.0x70

INSULATED SCREWDRIVER 6PCS SET



Item No.	Content
32306	Nut: 5.5x125 6.0x125 8.0x125 10.0x125 11.0x125 12.0x125

INSULATED CHANGABLE SCREWDRIVER 12PCS SET



Item No.	Content
33212	Slotted: 0.4x2.0x100 0.4x2.5x100 0.5x3.0x100 0.6x3.5x100 0.8x4.0x100 1.0x5.5x100 1.2x6.5x100 Phillips: PH0x60 PH1x80 PH2x100 Voltage Tester: 3.0x70 Handle: 31x105

13 PCS VDE INSULATED SCREWDRIVER SET (INDUSTRIAL)



Item No.	Content
38016	VDE/GS CERTIFICATED 4pcs slotted: 1.2x6.5x100mm, 1x5.5x100mm, 0.8x4x100mmx0.5x3x100mm 2pcs Phillips: PH2x100mm, PH1x80mm 2pcs Pozidriv: PZ2x100mm, PZ1x80mm 3pcs Torx: T20x100mm, T15x100mm, T10x100mm 1pc Single-Pole Voltage Tester 1pc Screwdriver Handle Packed by color box"

INSULATED CHANGABLE SCREWDRIVER 50PCS SET



Item No.	Content
33450	<ul style="list-style-type: none"> 0.4x2.0x100 0.4x2.5x100 0.5x3.0x100 0.6x3.5x100 0.8x4.0x100 1.0x5.5x100 1.2x6.5x100 PH0x100 PH1x100 PH2x100 PZ0x100 PZ1x100 PZ2x100 T6x100 T8x100 T9x100 T10x100 T15x100 T20x100 T25x100 T27x100 T30x100 H2.5x100 H3.0x100 H4.0x100 H5.0x100 H6.0x100 R1x100 R2x100 TRI 1x100 TRI 2x100 TRI 3x100 TRI 4x100 TORO 4x100 TORO 6x100 TORO 8x100 TORO 10x100 M4x4.0x100 M5x5.0x100 M6x5.0x100 4x100 6x100 8x100 10x100 6.3x89 8.1x89 89 89 Voltage Tester: 3.0x70 Handle: 31x105

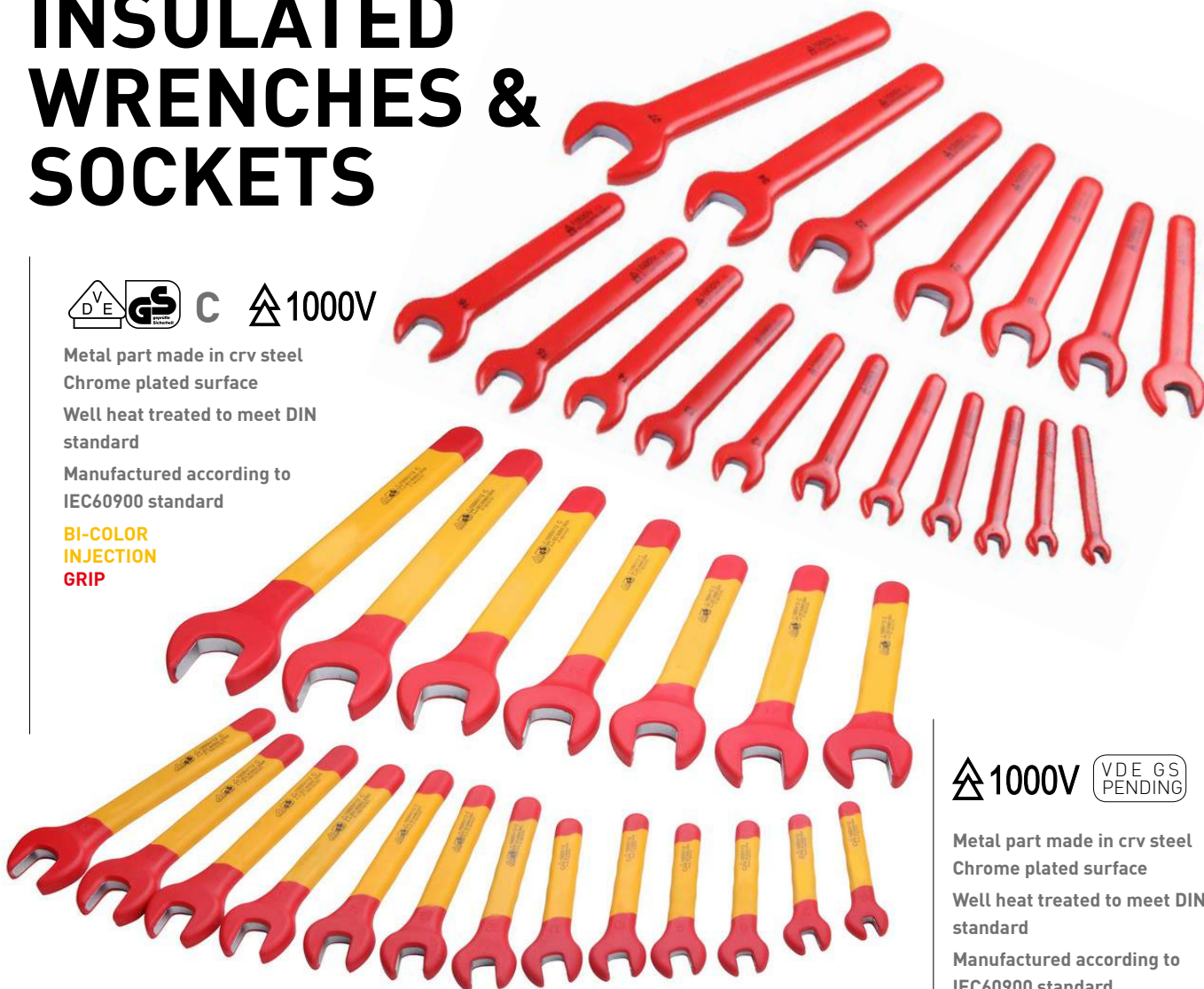
1000V

INSULATED WRENCHES & SOCKETS

1000V

Metal part made in crv steel
 Chrome plated surface
 Well heat treated to meet DIN
 standard
 Manufactured according to
 IEC60900 standard

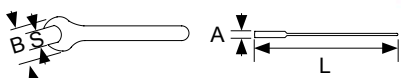
**BI-COLOR
 INJECTION
 GRIP**



1000V **VDE GS
 PENDING**

Metal part made in crv steel
 Chrome plated surface
 Well heat treated to meet DIN
 standard
 Manufactured according to
 IEC60900 standard

**DIPPED
 GRIP**



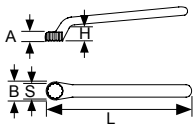
INJECTION INSULATED OPEN END WRENCH

Item No.	S	A	B	L
40206	6	7	21.8	89.5
40207	7	7	24	89.5
40208	8	7.5	25.3	99.5
40209	9	7.5	27.4	99.2
40210	10	8	31	110
40211	11	8.5	34	120
40212	12	8.5	36	130
40213	13	10.5	39	140
40214	14	10.5	40	150
40215	15	11.5	42	160
40216	16	11.5	43	165
40217	17	12.5	47	165
40218	18	13	50	175
40219	19	14	53	180
40221	21	14	55	195
40222	22	14	58	205
40224	24	14	62	230
40227	27	13.8	60	249
40230	30	14.6	64	284
40232	32	15.7	68	308

DIPPED INSULATED OPEN END WRENCH

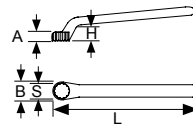
Item No.	S	A	B	L
40106	6	7	21.8	89.5
40107	7	7	24	89.5
40108	8	7.5	25.3	99.5
40109	9	7.5	27.4	99.2
40110	10	8	31	110
40111	11	8.5	34	120
40112	12	8.5	36	130
40113	13	10.5	39	140
40114	14	10.5	40	150
40115	15	11.5	42	160
40116	16	11.5	43	165
40117	17	12.5	47	165
40118	18	13	50	175
40119	19	14	53	180
40121	21	14	55	195
40122	22	14	58	205
40124	24	14	62	230
40127	27	13.8	60	249
40130	30	14.6	64	284
40132	32	15.7	68	308

INJECTION INSULATED RING WRENCH



Item No.	S	A	B	L	H
40406	6	7	13	130	17
40407	7	7.5	15	140	18
40408	8	8.5	16.5	150	19
40409	9	9	18	160	19
40410	10	9	21	170	20
40411	11	10	22.5	180	21
40412	12	10	22.5	190	21
40413	13	11	26.5	200	23
40414	14	12	28	210	23
40415	15	12	29	215	24
40416	16	12	31	215	26
40417	17	13	32	220	26
40418	18	13	35	230	28
40419	19	14	36	240	28
40421	21	14	39	250	30
40422	22	15	41	260	30
40424	24	16	44	280	32
40427	27	18	48	290	32
40430	30	19	53	310	33
40432	32	20	56	320	33

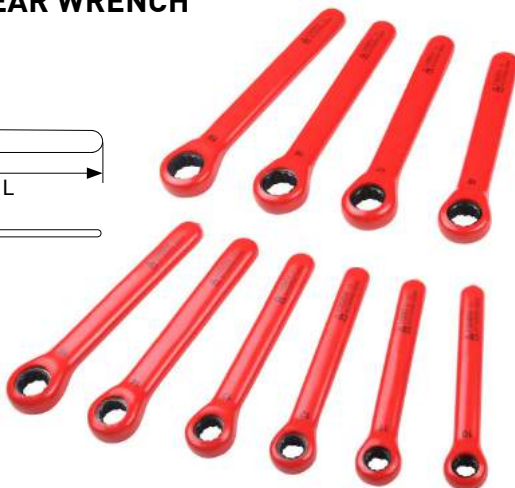
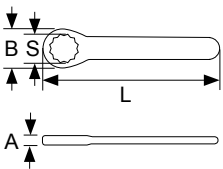
DIPPED INSULATED RING WRENCH



Item No.	S	A	B	L	H
40306	6	7	13	130	17
40307	7	7.5	15	140	18
40308	8	8.5	16.5	150	19
40309	9	9	18	160	19
40310	10	9	21	170	20
40311	11	10	22.5	180	21
40312	12	10	22.5	190	21
40313	13	11	26.5	200	23
40314	14	12	28	210	23
40315	15	12	29	215	24
40316	16	12	31	215	26
40317	17	13	32	220	26
40318	18	13	35	230	28
40319	19	14	36	240	28
40321	21	14	39	250	30
40322	22	15	41	260	30
40324	24	16	44	280	32
40327	27	18	48	290	32
40330	30	19	53	310	33
40332	32	20	56	320	33

DIPPED INSULATED RING GEAR WRENCH

72 teeth



Item No.	S	A	B	L
42710	10	13.5	25	143
42711	11	13.5	26.5	146
42712	12	14	27	150
42713	13	16	29	157
42714	14	16	32	167
42715	15	17	34.5	172
42716	16	16.5	34.5	177
42717	17	18	37.5	188
42718	18	17	38	196
42719	19	17	38.5	207

INJECTION INSULATED T-HANDLE



Item No.	□	H	L
41212	1/2"	140	200
41238	3/8"	140	200

DIPPED INSULATED T-HANDLE



Item No.	□	H	L
41112	1/2"	140	200
41138	3/8"	140	200

INJECTION HEXAGONAL SOCKET 1/2"



Item No.	⬡	mm
41804	4	120
41805	5	120
41806	6	120
41808	8	120
41810	10	120

DIPPED INSULATED HEXAGONAL SOCKET 1/2"



Item No.	⬡	mm
41704	4	120
41705	5	120
41706	6	120
41708	8	120
41710	10	120

INJECTION HEXAGONAL SOCKET 3/8"



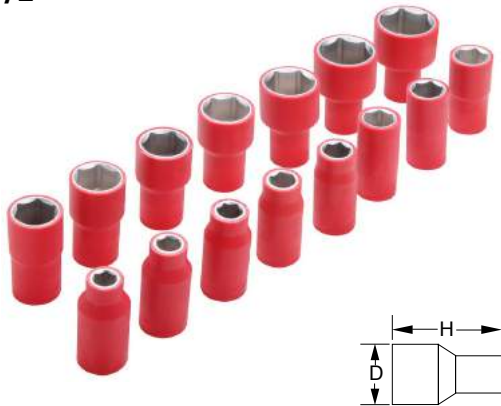
Item No.	⬡	mm
42004	4	75
42005	5	75
42006	6	75
42008	8	75

DIPPED INSULATED HEXAGONAL SOCKET 3/8"



Item No.	⬡	mm
41904	4	75
41905	5	75
41906	6	75
41908	8	75

INJECTION SOCKET 1/2"



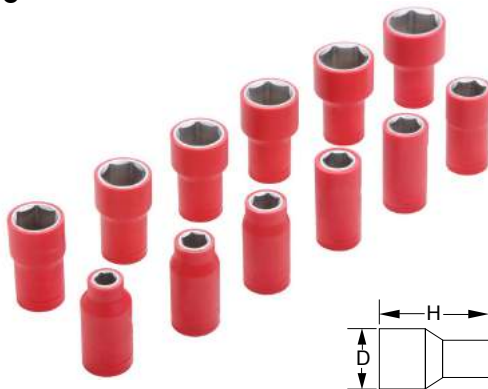
Item No.	ØI	D	H
41410	10	18.7	54
41411	11	20.0	54
41412	12	21.2	54
41413	13	22.3	54
41414	14	23.7	54
41416	16	26.4	54
41417	17	26.7	54
41418	18	28.7	54
41419	19	29.0	54
41421	21	31.0	54
41422	22	33.0	54
41424	24	35.3	54
41427	27	40.0	58
41430	30	43.1	59
41432	32	45.1	59

DIPPED INSULATED SOCKET 1/2"



Item No.	ØI	D	H
41310	10	19.7	54
41311	11	21.0	54
41312	12	22.1	54
41313	13	23.3	54
41314	14	24.7	54
41316	16	27.4	54
41317	17	28.1	54
41318	18	29.7	54
41319	19	30.0	54
41321	21	32.0	54
41322	22	34.0	54
41324	24	36.3	54
41327	27	41.0	58
41330	30	44.1	59
41332	32	46.1	59

INJECTION SOCKET 3/8"



Item No.	ØI	D	H
41608	8	15.3	44
41610	10	17.9	44
41611	11	19.1	44
41612	12	22.0	44
41613	13	22.1	44
41614	14	22.9	44
41616	16	25.3	44
41617	17	26.4	44
41618	18	28.0	44
41619	19	29.3	44
41621	21	31.0	44
41622	22	33.0	44

DIPPED INSULATED SOCKET 3/8"



Item No.	ØI	D	H
41508	8	16.3	44
41510	10	18.9	44
41511	11	20.1	44
41512	12	23.0	44
41513	13	23.1	44
41514	14	23.9	44
41516	16	26.3	44
41517	17	27.7	44
41518	18	29.0	44
41519	19	30.3	44
41521	21	32.0	44
41522	22	34.0	44

INJECTION INSULATED REVERSIBLE RATCHET HANDLE 1/2" 3/8"



Item No.	<input type="checkbox"/>	mm
42212	1/2"	250
42238	3/8"	200

DIPPED INSULATED REVERSIBLE RATCHET HANDLE 1/2" 3/8"



Item No.	<input type="checkbox"/>	mm
42112	1/2"	250
42138	3/8"	200

INJECTION EXTENSION BAR 1/2" 3/8"



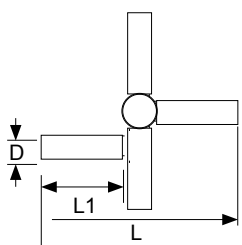
Item No.	<input type="checkbox"/>	mm
42401	1/2"	125
42402	1/2"	250
42403	3/8"	125
42404	3/8"	250

DIPPED INSULATED EXTENSION BAR 1/2" 3/8"



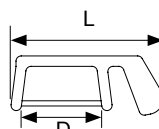
Item No.	<input type="checkbox"/>	mm
42301	1/2"	125
42302	1/2"	250
42303	3/8"	125
42304	3/8"	250

DIPPED INSULATED CROSS RIM WRENCH



Item No.	Hex	D	L1	L
257091	13	24.3	94	230
	14	27.3	94	230
	17	29.4	94	230
	19	31	94	230

INJECTION INSULATED JUNIOR HACKSAW



Item No.	D	L
50230	150	300

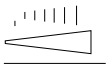
INJECTION INSULATED PRECISION TWEEZERS



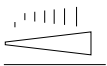
60213



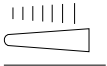
60415



60615



60814



Item No.	mm
60213	130
60415	150
60615	150
60814	142

DIPPED INSULATED PRECISION TWEEZERS



60113



60315



60515



60714



Item No.	mm
60113	130
60315	150
60515	150
60714	142

INJECTION INSULATED PLASTIC CLAMP



Item No.	mm
61020	200

PLASTIC BRUSH FULLY INSULATED

1000V
Fixed head.



Item No.	Size
443258	25mm
443357	35mm
443500	50mm

INJECTION INSULATED KNIVES



50418
CABLE KNIFE (STRAIGHT)



50616
DISMANTLING KNIFE (SEMICIRCLE)



51018
DISMANTLING KNIFE (LONG HOOK)



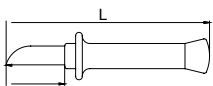
51218
CABLE KNIFE (GUARD)



51416
DISMANTLING KNIFE



50819
CABLE KNIFE (CHANGABLE)



D	Item No.	D	mm
	50418	50	180
	50616	28	155
	51018	50	180
	51218	50	180
	51416	38	155
	50819	58	185

VOLTAGE TESTER



VDE GS/CE
125~250V

70670



70710



70860



70960



Item No.	mm
70670	70
70710	105
70860	60
70960	60

INJECTION INSULATED MALLET



Item No.	Φ mm	mm	Weight/kg
467926	25	315	0.6

DIPPED INSULATED PLASTIC SLIP-ON CAPS

DIN VDE 0680-1:2013



Item No.	Size
GSCC-1	10x80
GSCC-2	10x80
GSCC-3	10x80

DIPPED INSULATED SELF-CLAMPING SLIP-ON CAPS

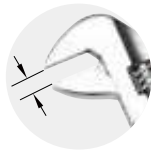
DIN VDE 0680-1:2013



Item No.	mm
GSCC	5x40
GSCC	5x70
GSCC	10x75
GSCC	20x100
GSCC	30x120
GSCC	40x135
GSCC	50x155
GSCC	60x150

INJECTION INSULATED ADJUSTABLE WRENCH

PRECISION MACHINED BODY
WITH STRICTLY HEAT TREATMENT

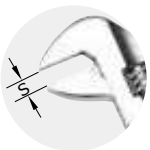


Item No.	mm	S (Max)
40620	200	24
40625	250	28
40630	300	32



DIPPED INSULATED ADJUSTABLE WRENCH

PRECISION MACHINED BODY
WITH STRICTLY HEAT TREATMENT

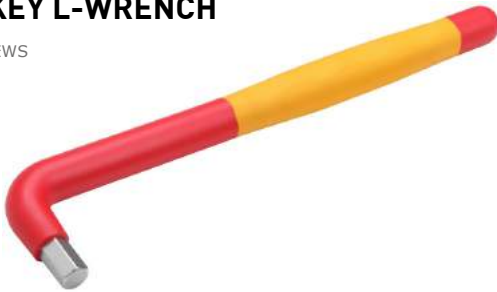


Item No.	mm	S (Max)
40520	200	24
40525	250	28
40530	300	32



INJECTION INSULATED HEXAGON KEY L-WRENCH

FOR HEXAGON SCREWS



Item No.	⊙I	mm
42603	3	130
42604	4	140
42605	5	160
42606	6	180
42608	8	200
42610	10	240
42612	12	250

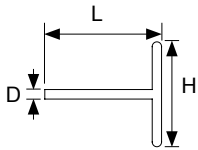
DIPPED INSULATED HEXAGON KEY L-WRENCH

FOR HEXAGON SCREWS



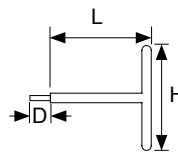
Item No.	⊙I	mm
42503	3	130
42504	4	140
42505	5	160
42506	6	180
42508	8	200
42510	10	240
42512	12	250

DIPPED INSULATED SOCKET WRENCH



Item No.	⊙I	D	L	H
40908	8	15	200	155
40910	10	19	200	155
40912	12	22.5	200	155
40913	13	23.5	200	155
40914	14	24.5	200	155
40916	16	26.5	200	155
40917	17	28.5	200	155
40918	18	30.5	200	155
40919	19	31.5	200	155
40920	10	19.5	300	155
40922	12	22	300	155
40923	13	23.5	300	155
40924	14	24.5	300	155
40926	16	27	300	155
40927	17	28.5	300	155
40928	18	29.5	300	155
40929	19	31	300	155

DIPPED INSULATED HEXAGON KEY T-WRENCH



Item No.	⊙I	D	L	H
40705	5	15	120	90
40706	6	15	120	90
40708	8	15	120	90
40710	10	15	120	90
40715	5	15	250	90
40716	6	15	250	90
40718	8	15	250	90

INJECTION MOULDED HEXAGON KEY T-WRENCH 1000V

235044	4	15	120	90
235051	5	15	120	90
235068	6	15	120	90
235082	8	15	120	90
237048	4	15	200	90
237055	5	15	200	90
237062	6	15	200	90
237086	8	15	200	90

INJECTION INSULATED SCISSORS



Item No.	mm
90047	160

INSULATED RUBBER MATS

Class 0 blanket. Smooth finish, orange coloured. Blanket as per IEC61112-2009 class ' with working voltage up to 1000V AC & 1500V DC.

IEC61112-2009



Item No.	Size / mm
EB0PO	1200x1200

LEATHER-OVER-GLOVES

Help to protect Electrician's Gloves against mechanical damage.

MSZ EN 420:2003+A1:2010
MSZ EN 388:2017



Item No.
VK-FAM-BK

LEATHER-OVER-GLOVES

Protect Electricians against mechanical damage and electrical arc.

MSZ EN 420:2003+A1:2010
MSZ EN 388:2017
MSZ EN 407:2004
MSZ EN 12477:2002
MSZ EN 61482-1-2:2015



Item No.
VK-IV

ELECTRICAL PROTECTIVE GLOVES

For Protection When Working Live or Close to Live Parts

Tested According to EN60903 Standard

EN61482-1-1:2009

EN61482-1-2:2010



Item No.	Size
ELSEC 2.5 KV	8"9"10"11"12"
ELSEC 5 KV	8"9"10"11"12"
ELSEC 10 KV	8"9"10"11"12"
ELSEC 20 KV	8"9"10"11"12"
ELSEC 30 KV	9"10"11"12"

ELECTRICAL PROTECTIVE GLOVES

Technical specifications:
Beige natural latex insulating glove for electricians.

Cut edge.

EN 60903-2003



Item No.	Size
N-00-360 STR	8"9"10"11"
N-0-360 STR	8"9"10"11"
N-1-360 STR	8"9"10"11"
N-2-360 STR	8"9"10"11"
N-3-360 STR	9"10"11"12"
N-4-360 STR	9"10"11"12"

PLASTIC CLAMP

C



Item No.	Size	1000V
408806	80mm	⚡

PLASTIC CLAMP

C



Item No.	Size	1000V
408141	140mm	⚡

SAFETY GRIP

For NH fuses with arm protection
Siemens handle for NH fuses

Size 00-3, arm protection
when interrupting high current
intensity (arc).



Item No.	Size
V504031	00-3

SPREAD-WEDGE



Item No.	Size
V590046	165*20*37mm

WEDGE TOOL

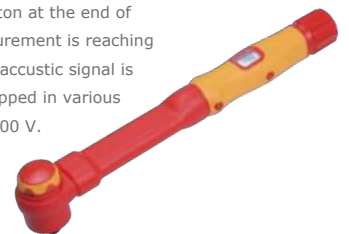
During the installation of connectors, the
phase conductors of an insulated twisted
overhead cable can be separated by using
wedge. The wedge can also be used when
installing suspension clamps.



Item No.
VK-EK-1

ADJUSTABLE TORQUE WRENCH

With Protection Bag. Chrome plated, made out of special
steel,tempered. Accuracy $\pm 4\%$, of the taken
measurement. Adjustable through button at the end of
the handle. You feel the desired measurement is reaching
by the slight Bending of the head, the accustic signal is
muffled by the insulation, insulation dipped in various
layers, tested piece by piece with 10.000 V.



Item No.	Size		1000V
43038	3/8"	5-50 Nm	⚡
43012	1/2"	5-50 Nm	⚡
43114	1/4"	5-25 Nm	⚡
43114	3/8"	5-25 Nm	⚡

ADJUSTABLE TORQUE WRENCH

With Protection Bag

Chrome plated, made out of special steel, tempered,

Accuracy $\pm 4\%$, of the taken measurement,

Adjustable through button at the end of the handle,

You feel the desired measurement is reaching by the slight

Bending of the head, the accoustic signal is muffed by the insulation, insulation dipped in various layers, tested piece by piece with 10.000 V.



Item No.	Size	1000V
364492	370mm 1/2"	5- 50 Nm Δ
364508	460mm 1/2"	20-100 Nm Δ
364522	530mm 1/2"	60-220 Nm Δ

INSULATING SLEEVE FOR LOW VOLTAGE CONDUCTOR WIRE

Use : Insulates live conductor wire up to 15mm diameter during work on or near the conductor.

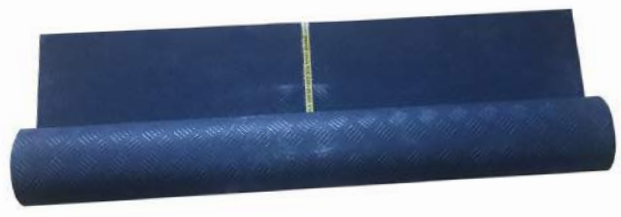
Technical specifications : Made of rubber 3,3 mm thick.



Item No.
VTSTBT 440

RUBBER ISOMAT

One side smooth, other side grooved.



Item No.	Size
BA00139	1200 x 1000 mm x 3,5 mm

VOLTAGE TESTER

- Voltage test, 2 pole with LED (12-690V AC/DC)
- Voltage test, 1 pole, indicating phase
- Phase rotation test, 2 pole
- Continuity with LED and acoustic signal
- Automatic self test function.
- Full voltage indication, even without batteries
- Automatic on/off function – no buttons
- Build in, bright white, LED flashlight
- Double insulation, IP65, GS approved CAT IV 600V.

2000X is provided with battery and fulfills IEC 61243-3, EN 61010-1 KAT IV 600 and TUV/GS.



Item No.	
2000X	Voltage tester
401054	Contact probe

VOLTAGE TESTER

- Voltage test, 2 pole with LED (12-690V AC/DC)
- Voltage test on display (7-800V AC/DC)
- Voltage test, 1 pole, indicating phase
- Phase rotation test, 2 pole
- Continuity with LED and acoustic signal
- Automatic self test function.
- Full voltage indication, even without batteries
- Automatic on/off function – no buttons
- Build in, bright white, LED flashlight
- Double insulation, IP65, GS approved CAT IV 600V.

2100X is provided with battery and fulfills IEC 61243-3, EN 61010-1 KAT IV 600 and TUV/GS.



Item No.	
2100X	Voltage tester
401054	Contact probe

PROTECTION HELMET

Protection Helmet
for electricians, with integrated vizor, adjustable to head.
Additionally equipment (helmet light, ear protection ...) on request
EN 397:2012
EN 50365:2002
EN 166:2001
Colors: yellow, red, white, blue



Item No.

E-MAN

HEAD LAMP

Safety:
• Weatherproof: IP54 (dust and weather resistant),

Lighting Performance:
• 3 Nichia 5mm LED,
• Light output: 22 lumens,
• Lighting surface area: 40m²,
• 1 Lighting intensity.

Weight and dimensions:
• Weight: 94 grams (with batteries),
• Width: 6cm - depth: 4,5cm - height: 3,5cm.

Energy:
• 3 alkaline batteries supplied (3 x LR03 (AAA)),
• Operating time: up to 60 hours.



Item No.

Boxer 300

HEAD LAMP

Safety:
• Weatherproof: IP54 (dust and weather resistant),

Lighting Performance:
• 3 Nichia 5mm LED,
• Light output: 22 lumens,
• Lighting surface area: 40m²,
• 1 Lighting intensity.

Weight and dimensions:
• Weight: 94 grams (with batteries),
• Width: 6cm - depth: 4,5cm - height: 3,5cm.

Energy:
• 3 alkaline batteries supplied (3 x LR03 (AAA)),
• Operating time: up to 60 hours.



Item No.

Boxer 410

BRACKET FOR FIXING ON HELMET KEEPS THE HEADLAMP ON A HELMET WITHOUT THE HEADBAND



Item No.

CLICAS

Size

1200 x 1000 mm x 3,5 mm

DIELECTRIC BOOT

An electrically insulating dielectric boot with an integral steel toe cap and vulcanized rubber sole for superior slip resistance.

The Dielectric boot provides protection of up to 20kV over the complete boot for over 8 hours, and 35kV over the sole for 3 minutes.

Safety Footwear EN ISO 20345 I E HRO SRA CI
Electrically Insulating Footwear EN 50321 Class 0
Dielectric Footwear ASTM F1117
Personal Protective Equipment PPE DIR 89/



Item No.	Size (EU)
RECS	35,36,37,39,40,41,42,43 44,45,46,47,49,50

DIELECTRIC OVERBOOT

An electrically insulating dielectric overboot approved to current European standards with a vulcanized rubber sole for superior slip resistance. The dielectric boot provides protection of up to 20kV over the complete boot for over three minutes.

Safety Footwear EN ISO 20347 I E HRO SRA FO
Electrically Insulating Footwear EN 50321 Class 0
Dielectric Footwear ASTM F1117
Personal Protective Equipment PPE DIR 89/686/EEC



Item No.	Size (EU)
REKA	M: 39 - 42 L: 43 - 45 XL: 46 - 49

RATCHET CABLE CUTTERS

With ratchet device, energy saving when cutting
Not for cutting steel or steel wire



Item No.	cutting rage	Lenght	Weight	Blade
LK-760L	500mm2 max	430mm	0.90kg	electrophoreses

RATCHET CABLE CUTTER

J38
Cutting range: 400 mm max.
Cutting easily with forging blade and long lifetime
Not for cutting steel or steel wire
With safety lock



Item No.	Weight	Lenght
J38	1,1 Kg	235 mm

CABLE KNIFE

For removing all layers of insulation on cables with diameters of over 25mm
 Suitable for longitudinal and circular cutting
 Cutting depth can be adjusted from 0-5mm
 Replaceable blade (both sides can be used)



Item No.	Lenght	Weight
PG-5	170mm	0.15kg

BRUSH BLADE

Integrated wire brush for cleaning conductors to make better connections. Brushes up to 1000 MCM conductor. Wire brush is easily replaceable. Blade back design discourages scraping the aluminium conductor wich can distort the size. Stainless steel black oxide coated blade for maximum durability and sharpness.



Item No.
BB-1

ADJUSTABLE AUTOMATIC WIRE STRIPPER

2 in 1 Wire stripper and cutter

Applicable wire stripper size 0.5-6mm²

Self adjustable mechanism according to wire size provide excellent wire stripping

Adjustable stop for consistency in wire strip lengths, replaceable blade system

Strip 8 mm width flat cable also applicable

Simple adjustment dial for blade pressure according to the thickness of insulation



Item No.	Size
38050	0.5-6mm ²

MULTI-FUNCTIONAL CRIMPING PLIER

For cutting, stripping wires and crimping insulated and non-insulated terminals, tabs and receptacles

Designed with screw holes for cutting copper and brass wires
 (Thread: M2.6, 3.0, 4.0, 5.0mm)



Item No.	Lenght	Weight
FS-051	220mm	0.23kg

SELF-ADJUSTING INSULATION STRIPPER

For stripping the plastic or rubber insulation of the single, multiple cables and wires of 6-16mm²

Stripping diameter can be adjusted automatically for different wire cross sections

With wire cutter for copper and aluminium wires, multiple strand up to 16mm², single strand up to 6mm²

With easy changeable blade, plastic jaws and adjustable length stop

Shock-resistant glass fiber and plastic body
 No damaging of the conductor core, long lifetime



Item No.	Size	Weight
WS-16	160mm	0,15kg

INSULATED TOOLS SET

Metal part made in CRV steel,chrome plated surface
Well heat treated to meet DIN standard
Bi-color injection grip and dipped grip manufactured according to IEC60900 standard

22"
WATER PROOF
CASE
IP67 CLASS



1000V

81700
22" WATER PROOF CASE
IP67 CLASS

81852
A+B+C+D
52PCS INSULATED TOOLS SET
WITH WATER PROOF CASE

81945
A+B+D+F
45PCS INSULATED TOOLS SET
WITH WATER PROOF CASE



A TRAY **81946**
6PCS INSULATED PLIERS

7" COMBINATION PLIERS
8" LONG NOSE PLIERS
6" DIAGONAL CUTTER
6" STRIPPING PLIERS
10" WATER PUMP PLIERS
6" CABLE CUTTER



B TRAY **81947**
11PCS SCREWDRIVER, KNIFE
AND TESTER

PH0X60,PH1X80,PH2X100,PH3X150
2.5x75mm,3x100mm,4x100mm,
5.5x125mm,6.5x150mm.
STRAIGHT KNIFE
VOLTAGE TESTER



C TRAY **81948**
21PCS 1/2" SOCKETS AND
ACCESSORY

SOCKETS: 10/11/12/13/14/16/
17/18/19/21/22/24/27
SOCKETS BITS: 4, 5, 6, 8MM
EXTANSION BAR 5" & 10"
T HANDLE
RATCHET HANDLE



D TRAY **81949**
14PCS OPEN WRENCHES AND
ADJUSTABLE WRENCHES

OPEN WRENCH 8/10/11/12/13/14/15
/16/17/18/19/22/24
8" ADJUSTABLE WRENCH



E TRAY **81950**
20PCS 3/8" SOCKETS AND
ACCESSORY

SOCKETS : 8/10/11/12/13/14/
16/17/18/19/21/22
SOCKETS BITS: 4, 5, 6, 8MM
EXTANSION BAR 5" & 10"
T HANDLE
RATCHET HANDLE



F TRAY **81951**
14PCS NUTS AND PRECISION
SCREWDRIVERS

NUT: 5/5.5/6/7/8/10/13
PRECISION:
3/PH0/T6/T8/T10/T15/T20



G TRAY **81952**
14PCS RING WRENCHES AND HEX
KEYS

RING WRENCH:
10/11/12/13/14/15/17/19
HEX KEY:3/4/5/6/8/10



H TRAY **81953**
4PCS SPECIAL TOOLS

240MM RATCHET CABLE CUTTER
HACK SAW
PLASTIC CLAMP*2

INJECTION INSULATED SET 15PCS



Item No.	Content	mm
80115	Insulated Combination Plier	200
	Insulated Diagonal Plier	160
	Insulated Snipe Nose SideCutting Plier	200
	Insulated Wire Stripper	160
	Insulated Cable Knife Straight	50x180
	Voltage Tester	3.0x70
	Insulated Screwdriver Slotted	2.5x75, 3.0x100, 4.0x100, 5.5x125, 6.5x150
	Phillips	PH0x60, PH1x80, PH2x100, PH3x150

INJECTION INSULATED SET 29PCS



Item No.	Content	mm
80231	13PCS 1/2" Insulated Socket	10, 11, 12, 13, 14, 16, 17, 18, 19, 21, 22, 24, 27
	4PCS 1/2" Insulated Hexagon Socket	4x120, 5x120, 6x120, 8x120
	2PCS 1/2" Insulated Extension Bar	125, 250
	1/2" Insulated T-handle Wrench	200
	1/2" Insulated Reversible Ratchet	250
	Insulated combination Plier	180
	Insulated Diagonal Plier	160
	Insulated Snipe Nose Side Cutting Plier	160
	Insulated Adjustable Wrench	200
	2PCS Insulated Screwdriver Slotted	4.0x100, 5.5x125
	2PCS Phillips	PH1x80, PH2x100

INJECTION INSULATED SET 20PCS



Item No.	Content	mm
80320	12 PCS 3/8" Insulated Socket	8, 10, 11, 12, 13, 14, 16, 17, 18, 19, 21, 22
	4PCS 3/8" Insulated Hexagon Socket	4*75, 5*75, 6*75, 8*75
	2PCS 3/8" Insulated Extension Bar	125, 250
	3/8" Insulated T-handle Wrench	200
	3/8" Insulated Reversible Ratchet	200

INJECTION INSULATED SET 20PCS



Item No.	Content	mm
80421	19 PCS Injection Insulated Open End Wrenches	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 24, 27, 30, 32
	Insulated Adjustable Wrench	250

INJECTION INSULATED SET 22PCS



Item No.	Content	mm
81022	3/8" Insulated T-Handle Wrench	200
	3/8" Insulated Extension Bar	125
	3/8" Insulated Socket	8, 10, 12, 13, 14, 17, 19
	Insulated Screwdriver Slotted	3.5X100, 4.0X100, 5.5X125
	Insulated Screwdriver Phillips	PH1X80, PH2X100, PH3X150
	Insulated Open End Wrench	8, 10, 12, 13, 14, 17, 19

DIPPED INSULATED SET 20PCS



Item No.	Content	mm
80920	Dipped Insulated Open End Wrench	6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 24, 27, 30, 32

INSULATED SET 25PCS



Item No.	Content	mm
80825	Dipped Insulated Combination Plier	200
	Dipped Insulated Diagonal Plier	160
	6PCS Insulated Screwdriver	PH: PH0x60, PH1x80, PH2x100 SL: 0.6X3.5X100, 0.8X4.0X100, 1.0X5.5X125
	Insulated Cable Knife(Straight)	50x180
	Insulated Cable Knife(Semicircle)	28x155
	7PCS 1/2" Dipped Insulated Sockets	10, 11, 12, 13, 14, 17, 19
	7PCS Dipped Insulated Open End Wrench	10, 11, 12, 13, 14, 17, 19
	1/2" Dipped Insulated T-Handle	200

INSULATED SET 21PCS



Item No.	Content	mm
80721	Dipped Insulated Combination Plier	200
	Dipped Insulated Diagonal Plier	160
	4PCS Insulated Screwdriver	PH: PH0x60 SL: 0.6x3.5x100, 0.8x4.0x100, 1.0x5.5x125
	Insulated Cable Knife(Straight)	50x180
	7PCS 1/2" Dipped Insulated Sockets	10, 11, 12, 13, 14, 17, 19
	4PCS 1/2" Dipped Insulated Hexagon Socket	4x120, 5x120, 6x120, 8x120
	2PCS 1/2" Dipped Insulated Extension Bar	125, 250
	1/2" Dipped Insulated Reversible Ratchet	250

INSULATED SET 99PCS



Item No.	Content	mm
80599	12PCS Injection Insulated Open Jaw Wrench	10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22
	Injection Insulated Adjustable Wrench	250
	Injection Insulated Pliers	200
	Injection Insulated Snipe Nose Side Cutting Pliers	200
	Injection Insulated Diagonal Pliers	160
	Injection Insulated Wire Strippers	160
	Injection Insulated Water Pump Pliers	250
	Injection Insulated Cable Shears	250
	Injection Insulated Cable cutters	240
	4PCS Insulated Screwdrivers	SL: 0.5x3.0x100, 1.0x5.5x125 PH: PH1x80, PH2x100
	2 PCS Injection Insulated Cable Knife	50x180, 38x155
	Insulated Saw	150
	4PCS Injection Insulated Tweezers	
	2PCS Insulated Plastic Clamp	150, 200
	3PCS Insulated Plastic Slip-on Caps	1# 2# 3#
	3PCS Insulated Self-Clamping Slip-On Caps	10, 20, 30
	Flashlight	28*100*5
	VDE Precision Screwdriver Sets 7PCS	
	VDE Changable Screwdriver Sets 50PCS	
	VOLTAGE TESTER	140
	ABS BOX	

4 PCS INSULATED PLIER SET



		mm
59042	Insulated Injection Wire Stripper	160
	Insulated Injection Combination Plier	160
	Insulated Injection Combination Plier	180
	Insulated Injection Snipe Nose Side Cutting Plier	160

5 PCS INSULATED SCREWDRIVER SET



Item No.	Content	mm
81205	Insulated Screwdriver Slotted	3.5X100, 4.0X100, 5.5X125
	Insulated Screwdriver Phillips	PH1x80, PH2x100

7 PCS INSULATED WRENCH SET



Item No.	Content	mm
81307	Insulated Injection Open End Wrench	8, 10, 12, 13, 14, 17, 19

9 PCS INSULATED SOCKET SET



Item No.	Content	mm
81409	3/8" Insulated Reversible Ratchet Handle	200
	3/8" Insulated Extension Bar	125
	3/8" Insulated Socket	8, 10, 12, 13, 14, 17, 19

11 PCS INSULATED SOCKET SET



Item No.	Content	mm
81511	3/8" Insulated T-Handle Wrench	200
	3/8" Insulated Socket	8, 10, 11, 12, 13, 14, 16, 17, 18, 19

11 PCS INSULATED SOCKET SET



Item No.	Content	mm
81611	3/8" Insulated T-Handle Wrench	200
	3/8" Insulated Socket	8, 10, 11, 12, 13, 14
	3/8" Insulated Hexagon Socket	4x75, 5X75, 6X75, 8X75

5PCS INSULATED RING GEAR WRENCH SET



Item No.	Content	mm
82005	3/8" Insulated T-Handle Wrench	10, 12, 13, 14, 17

CARRY BAG

Bag for carrying and storing rubber mats and covers up to 1300 x 1000 mm. Made of strong plastic material, with zipped closing cap and adjustable carrying belt.



Item No.	Size
BA00055	1300x1000mm

PROTECTION BAG FOR ELECTRICIAN'S GLOVES



Item No.	Size
V590023	400x170 mm

TOOL BAG

EMPTY BAG

Front bag, fold out front wall, 18 adjustable loops on front and rear wall (9 each), Fixed loops on the left and the right side (1 each), carrier rings, aluminium edge reinforcement, two locks with keys



Item No.	Weight	Material	Size
50 7163 8019	2,8 Kg	Genuine leather	420 x 150 x 250

TOOL BAG

EMPTY BAG

Removable central wall, semi-fold out front and rear wall, two surrounding leather straps, 18 adjustable loops on the front and on the rear wall (9 each), 16 push-in compartments on the central wall, aluminium edge reinforcement, galvanized steel bottom tray, one lock with key, carrier rings

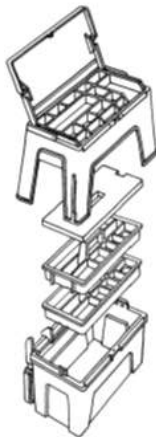


mm

Item No.	Weight	Material	Size
50 7121 8019	4,1 Kg	Genuine leather	420 x 170 x 320

TOOL BAG

Flat surface for standing.
Max 150kg
Linemarking - use handle as ruler
Angle measuring on lid.
260° lid = open view of box and step, also protects hinges



Item No.
60003

TOOL BAG

EMPTY BAG

Central wall, large front bag, semi-fold out front and rear wall, 8 push-in compartments on the front wall, 9 adjustable loops on the front of the central wall, 8 push-in compartments on the rear wall and 8 Fixed loops on the side-walls (4 each), aluminium edge reinforcement, galvanized steel bottom tray, surrounding leather strap, 2 locks with keys, carrier rings.



Item No.	Weight	Material	Size
50 7123 8019	5,0 Kg	Genuine leather	450 x 190 x 340

TOOL BAG



Item No.	Outer Dimensions (mm)	Inner Dimensions (mm)	Weight	Capacity (Lts)
SSC1	464 x 353 x 142h.	400 x 300 x 80h.	2,2kg	9,6
SSC2	464 x 353 x 212h.	400 x 300 x 150h.	2,5kg	18
SSC3	464 x 353 x 362h	400 x 300 x 380h.	3kg	45,6



CRIMPING PLIER

Crimping range: 0.5-10mm² LAS-005 is an ideal crimping tool for the connection of the power distributing cabinet. The tools are special designed with precise crimping die sets without screw fixing. You could replace the die sets only by pushing ahead. The operation is easy and convenient. The handles of LAS-005 are designed according to human factors engineering ensure high-quality crimping effect after crimping repeatedly. There are two sets of dies at both side for using and storing easily.



Item No.	Capacity	AWG	Lenght	Weight
LAS-005	05-6.0 mm ²	20-10AWG	230mm	0.68kg

SELF-ADJUSTABLE CRIMPING PLIER

HSC8 6-4A It is applicable for tubular bare terminals and pre-insulated terminal on non-welding connection complied with standard electrical connection. When crimping, the terminal should be put into crimping pliers laterally. The demanded pressing force must be reached before the brake unit automatically release the jaw of the pliers. Thus high quality crimping standard could be ensured during repeatedly crimping. Due to perfect gripping position fixed and logical and light structure and the handle shape design meeting human being engineering principle, it reduces fatigue degree.



Item No.	Weight	Capacity	Lenght
HSC8 6-4A	0,36 Kg	0,08-6,0 mm ²	175 mm

SELF-ADJUSTABLE CRIMPING PLIER

The design is unique due to light weight and saving energy. When crimping tightly, the gripping force would evenly transfer to all the section of crimping terminal. Because of reasonable design complied with human being engineering principle, the weight of the pliers is only 360g and the lenght of the pliers body is only 175mm.



Item No.	Weight	Capacity	Lenght
HSC8 6-6	0,36 Kg	0,08-6,0 mm ²	175 mm

SUPER STRENGHT-SAVING CRIMPING PLIER

FSA-056YJ

For crimping insulated terminals and butt-connectors.

Crimping range: 0,5-6,0 mm².

Precise crimping die sets and integral lock with self releasing mechanism ensure high-quality crimping effect after crimping repeatedly.

Scientific leverage design saves energy when operating. Rrelease locking if operates error.

Provided with two sets of dies in handles fo easily. Energy saving by humanization han design.



Item No.	Weight	Capacity	Lenght
FSA-056YJ	0,75 Kg	0,5-1,5 1,5-2,5 4-6 mm ²	243 mm

GERMANY STYLE SMALL CRIMPING PLIER

PZ 0,5-16

Application: for cable and sleeves.

Design: crimping in the marked trapezoidal profile for particularly tight connections between the sleeves and the conductor.

Material: special tool steel. oil-hardened.



Item No.	Weight	Capacity	Lenght
PZ 0,5-16	0,25 Kg	0,5-16,0 mm	220 mm ²

COMBINATION PLIER

Cr-V, Black finish
Bi-color plastic handle
Packed by PP card



Item No.	Size
10015	160mm,6"
10016	180mm,7"
10017	200mm,8"

DIAGONAL CUTTING PLIER

Cr-V, Black finish
Bi-color plastic handle
Packed by PP card



Item No.	Size
10018	160mm,6"
10019	180mm,7"

LONG NOSE PLIER

Cr-V, Black finish
Bi-color plastic handle Packed by
PP card



Item No.	Size
10021	160mm,6"
10022	200mm,8"

BENT NOSE PLIER

Cr-V, Black finish
Bi-color plastic handle Packed by PP
card



Item No.	Size
10023	160mm,6"

WIRE STRIPPING PLIER

Cr-V, Black finish
Bi-color plastic handle
Packed by PP card



Item No.	Size
10028	160mm,6"

WATER PUMP PLIER

Cr-V, Black finish
Bi-color plastic handle
Packed by PP card



Item No.	Size
10029	250mm,10"

3 PCS PLIERS SET

Forged steel , Nickel finish
Bi-color dipped handle
Packed by sliding card



Item No.	Size
10038	115mm,4.5"

12 PCS COMBINATION SPANNERS SET

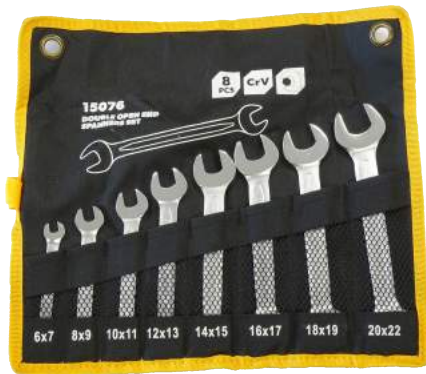
Chrome plated, matte finish
Packed by pouch



Item No.	Size
15075	6/7/8/9/10/11/12/13/14/17/19/22

8 PCS DOUBLE OPEN END SPANNER SET

Chrome plated, matte finish
Packed by pouch



Item No.	Size
15076	6x7/8x9/10x11/12x13/14x15/16x17/18x19/20x22

8 PCS DOUBLE RING SPANNERS SET

Chrome plated, matte finish
Packed by pouch



Item No.	Size
15077	6x7/8x9/10x11/12x13/14x15/16x17/18x19/20x22

6 PCS SCREWDRIVER SET

Bi-color comfortable grip
Black finish magnetic tip
Packed by color box



Item No.	Size
20014	5.5*100, 6.5*150, PH1*100 PH2*150, PZ1*100, PZ2*150

CABLE CUTTER

Drop forged carbon steel
With dipped handle
Packed by sliding card



Item No.	Size
38021	8"

26 PCS BIT SET

Item No.	Content
20034	1Pc ratchet handle 1Pc handle:60mm 25mm Cr-v bits: SL:4,5,6,7mm PH: PH0,PH1,PH2,PH3 PZ:PZ0,PZ1,PZ2,PZ3 HEX:2,2.5,3,4,5,6mm TX:T10,T15,T20,T25,T27,T30,T40 Packed by plastic box



38 PCS BIT & SOCKET SET

Item No.	Content
20035	*9Pcs 1/4 sockets:5-6-7-8-9-10-11-12-13mm 25mm Cr-v bits: SL:3,4,5,6mm PH: PH0,PH1,PH2,PH3 PZ: PZ0,PZ1,PZ2,PZ3 HEX:2,2.5,3,4,5,5.5,6mm TX:T10,T15,T20,T25,T27,T30, T40 1Pc 3" Extension Bar 1Pc 1/4 Bit Adaptor 1Pc 1/4 Handle Packed by plastic box"



MEASURING TAPE

Item No.	Content
36002	Length & width:3M/10FTX16MM Accuracy can up to MID class 2 Material: ABS case covered with TPR Comfortable holding feel and impact resistant Both sides coat Nylon of the blade Manual powerful stop button With metric and inch blade Packed by PP card



CABLE KNIFE KBX-45

For stripping the end and the middle of the conducting wire and cable between $\varnothing 10-45\text{mm}$.

Stripping thickness can be adjusted.

The knives can not touch the metal cable cores when stripping.

Knives can be sharpened or replaced.



Item No.	Details
KBX-45	Size: 245*80*90mm Weight: 0.56kg

CABLE KNIFE SK-50

Range of use: The tool is applicable for stripping the external insulation layer of cable less than 35kV.

Operating instruction: The tool comprises of the base, the moving seat and the frame. The blade can be held in the moving upper party by the screw. And the repairing blade can be fixed on the two planes by the attached inner hexagon spanner easily. When the tool turns clockwise along cable, it can move automatically with the direction of cable. It can be adjusted by the adjusting screw. Note: the product has the adjusting screw.



Item No.	Details
SK-50	Stripping range: $\varnothing 20-50\text{mm}$ Length: 250mm Package: Plastic case Weight: 0.80kg

CABLE SHEARS



Item No.	Details
FG-12	Working range: $\varnothing 25\text{mm}^2$ max Length: 220mm Color: yellow Weight: 0.29kg

CABLE CUTTER

K-3

One hand

Quality cable cutter at low price with a wide range of application. It has a for long time proven ratchet drive. All steel parts are hardened.

Not for hardened steel wires!

Technical data:

Length: 250 mm
 Width of head: 150 mm
 Weight: 0,75 kg
 Diameter: 34 mm
 Cross Section: 240 mm²
 Handles: Polypropylene
 Surface: brown-finished

Area of application: max.

CU/AL Conductor	240 mm ²
sectorform	34 mmØ
CU/AL Conductor	185 mm ²
multiple wire	34 mmØ
CU/AL Conductor	240 mm ²
fine wire	34 mmØ
CU/AL Conductor	240 mm ²
data cable	34 mmØ



Item No.

33000

CABLE CUTTER

K-4

One and two hands

Very solid and easy to use quality cable cutter with a wide range of application. It has got a for long time proven, ratchet drive.

All steel parts are hardened.

Not for hardened steel wires!

Technical data:

Length: 320 mm
 Width of head: 145 mm
 Weight: 1 kg
 Diameter: 52 mm
 Cross Section: 450 mm²
 Handles: Polypropylene
 Surface: brown-finished

Area of application: max.

CU/AL Conductor	400 mm ²
sectorform	52 mmØ
CU/AL Conductor	400 mm ²
multiple wire	52 mmØ
CU/AL Conductor	400 mm ²
fine wire	52 mmØ
CU/AL Conductor	400 mm ²
data cable	52 mmØ



Item No.

44000

CABLE CUTTER

KS-34

One hand

Very solid and easy to use quality cable cutter with a wide range of application. It has a for long time proven, needle-roller bearing ratchet drive. All steel parts are hardened.

Not for hardened steel wires!

Technical data:

Length: 250 mm
 Width of head: 110 mm
 Weight: 0,9 kg
 Diameter: 35 mm
 Cross Section: 300 mm²
 Handles: Polypropylene
 Surface: brown-finished

Area of application: max.

CU/AL Conductor	240 mm ²
sectorform	35 mmØ
CU/AL Conductor	185 mm ²
multiple wire	35 mmØ
CU/AL Conductor	300 mm ²
fine wire	34 mmØ
CU/AL Conductor	300 mm ²
data cable	34 mmØ



Item No.

34000

CABLE CUTTER

KS-52

Blades made out of chrome-nickel steel.

Very solid and easy to use quality cable cutter with a wide range of application. It has a for long time proven, needle-roller bearing ratchet drive.

All steel parts are hardened.

Not for hardened steel wires!

Technical data:

Length: 325 mm
 Width of head: 145 mm
 Weight: 1,2 kg
 Diameter: 52 mm
 Cross Section: 500 mm²
 Handles: Polypropylene
 Surface: brown-finished

Area of application: max.

CU/AL Conductor	480 mm ²
sectorform	52 mmØ
CU/AL Conductor	400 mm ²
multiple wire	52 mmØ
CU/AL Conductor	500 mm ²
fine wire	52 mmØ
CU/AL Conductor	500 mm ²
data cable	52 mmØ



Item No.

52000

CABLE CUTTER

KS-42s

Drop forged blade, suitable for harder CU and AL conductors like Almelec.

Very stable cutter, best tool-size – cut-range relation
Special blade geometry. The patentet arrangement needs almost no service.
All moving parts special hardened.

Not for hardened steel wires!

Technical data:

Length:	250 mm
Width of head:	110 mm
Weight:	1,0 kg
Diameter:	42 mm
Cross Section:	300 mm ²
Handles:	Polypropylene
Surface:	brown-finished

Area of application: max.

CU/AL Conductor	300 mm ²
sectorform	42 mmØ
CU/AL Conductor	300 mm ²
multiple wire	42 mmØ
CU/AL Conductor	300 mm ²
fine wire	42 mmØ
CU/AL Conductor	300 mm ²
data cable	42 mmØ



Item No.

42000

CABLE CUTTER

KS-62

Blades made out of chrome-nickel steel.

Very solid and easy to use quality cable cutter with a wide range of application.
It has got a for long time proven, needle-roller bearing ratchet drive.
All steel parts are hardened.

Not for hardened steel wires!

Technical data:

Length:	410 mm
Width of head:	160 mm
Weight:	2,0 kg
Diameter:	62 mm
Cross Section:	750 mm ²
Handles:	Polypropylene
Surface:	brown-finished

Area of application: max.

CU/AL Conductor	750 mm ²
sectorform	62 mmØ
CU/AL Conductor	750 mm ²
multiple wire	62 mmØ
CU/AL Conductor	750 mm ²
fine wire	62 mmØ
CU/AL Conductor	750 mm ²
data cable	62 mmØ



Item No.

62000

CABLE CUTTER

KS-62hd

Blades made out of chrome-nickel steel.

Very solid and easy to use quality cable cutter with a wide range of application.
It has got a for long time proven, needle-roller bearing ratchet drive.
All steel parts are hardened.

Not for hardened steel wires!

Technical data:

Length:	410 mm
Width of head:	160 mm
Weight:	2,2 kg
Diameter:	62 mm
Cross Section:	840 mm ²
Handles:	Polypropylene
Surface:	brown-finished

Area of application: max.

CU/AL Conductor	750 mm ²
sectorform	62 mmØ
CU/AL Conductor	750 mm ²
multiple wire	62 mmØ
CU/AL Conductor	750 mm ²
fine wire	62 mmØ
CU/AL Conductor	750 mm ²
data cable	62 mmØ



Item No.

64000

CABLE CUTTER

KS-80

Blades made out of chrome-nickel steel.

Very solid and easy to use quality cable cutter with a wide range of application.
It has a for long time proven, needle-roller bearing ratchet drive.
All steel parts are hardened.

Not for hardened steel wires!

Technical data:

Length:	610 mm
Width of head:	190 mm
Weight:	3,0 kg
Diameter:	80 mm
Cross Section:	1000 mm ²
Handles:	Polypropylene
Surface:	brown-finished

Area of application: max.

CU/AL Conductor	1000 mm ²
sectorform	80 mmØ
CU/AL Conductor	1000 mm ²
multiple wire	80 mmØ
CU/AL Conductor	1000 mm ²
fine wire	80 mmØ
CU/AL Conductor	1000 mm ²
data cable	80 mmØ



Item No.

80000

OPEN C CUTTER C-1

Compact one – handed tool with low friction and solid technical drive, for the daily application.

Blade with needle bearing.
Quick blade release allows fast backout in any position.
Can be used even in confined areas.

Not for hardened steel wires!

Technical data:

Length:	245 mm
Width of head:	100 mm
Weight:	0,9 kg
Diameter:	25 mm
Cross Section:	185 mm ²
Handles:	Polypropylene
Surface:	brown-finished

Area of application: max.

CU/AL Conductor	185 mm ²
sectorform	25 mmØ
CU/AL Conductor	185 mm ²
multiple wire	25 mmØ
CU/AL Conductor	185 mm ²
fine wire	25 mmØ
CU/AL Conductor	185 mm ²
data cable	25 mmØ



Item No.

21000

OPEN C CUTTER C-2

One – and two – handed tool with its extended cutting area.

Blade with needle bearing.
Quick blade release allows fast backout in any position.
Can be used even in confined areas.

Not for hardened steel wires!

Technical data:

Length:	330 mm
Width of head:	135 mm
Weight:	1,3 kg
Diameter:	36 mm
Cross Section:	240 mm ²
Handles:	Polypropylene
Surface:	brown-finished

Area of application: max.

CU/AL Conductor	240 mm ²
sectorform	36 mmØ
CU/AL Conductor	240 mm ²
multiple wire	36 mmØ
CU/AL Conductor	240 mm ²
fine wire	36 mmØ
CU/AL Conductor	240 mm ²
data cable	36 mmØ



Item No.

23000

OPEN C CUTTER C-3

One – and two – handed cable cutter with needle bearing driver, very low friction.

Cuts smooth and clean – no crushing.
Blade and ratched drive with needle bearing.
Quick blade release allows fast backout in any position.
Can be used even in confined areas.

Not for hardened steel wires!

Technical data:

Length:	330 mm
Width of head:	135 mm
Weight:	1,4 kg
Diameter:	36 mm
Cross Section:	300 mm ²
Handles:	Polypropylene
Surface:	brown-finished

Area of application: max.

CU/AL Conductor	300 mm ²
sectorform	36 mmØ
CU/AL Conductor	300 mm ²
multiple wire	36 mmØ
CU/AL Conductor	300 mm ²
fine wire	36 mmØ
CU/AL Conductor	300 mm ²
data cable	36 mmØ



Item No.

25000

OPEN C CUTTER C-4

Biggest version, this tool separates also cable with thin sheet metal coating.

Cuts also very fine wires like welder cable without deformation.
Blade and ratched drive with needle bearing.
Quick blade release allows fast backout in any position.
Can be used even in confined areas.

Not for hardened steel wires!

Technical data:

Length:	485 mm
Width of head:	195 mm
Weight:	3,0 kg
Diameter:	55 mm
Cross Section:	550 mm ²
Handles:	Polypropylene
Surface:	brown-finished

Area of application: max.

CU/AL Conductor	550 mm ²
sectorform	55 mmØ
CU/AL Conductor	550 mm ²
multiple wire	55 mmØ
CU/AL Conductor	550 mm ²
fine wire	55 mmØ
CU/AL Conductor	550 mm ²
data cable	55 mmØ



Item No.

27000

SPECIAL CABLE CUTTER DT-75

Special cable cutter for multiple telephone or data cable.

Very low friction, many times proven needle bearing drive. Smooth, clean cut.

Unsuited for sector-installations or other power cables.

Quick blade release allows fast backout in any position.

Can be used even in confined areas.

Not for hardened steel wires!

Technical data:

Length: 370 mm
 Width of head: 175 mm
 Weight: 1,5 kg
 Diameter: 75 mm
 Cross Section: 300 mm²
 Handles: Polypropylene
 Surface: brown-finished

Area of application: max.
 CU/AL Conductor 300 mm²
 data cable 75 mmø



Item No.

75000

CABLE CUTTER FELCO C7

Thumb catch designed for one-handed operation.

Gives a clean cut without squashing thanks to the triangular cutting system. Blades and centre bolt in high-quality hardened steel for exceptional performance.

Pressed steel handles with non-slip grips.

After cleaning, it is advisable to oil the tool so as to protect it from corrosion.

Technical data:

Length: 190 mm
 Weight: 270 g
 Diameter: 7 mm



Item No.

FELCO C7

STEEL CABLE CUTTER FELCO C12

Two-hand wire and cable cutter

Reliable:

Unbreakable hardened handles made of forged aluminum with a lifetime guarantee. Blades and fastenings in high-quality hardened steel. Parts subject to wear and tear can be replaced.

Efficient:

Clean, precise cut without crushing the cable thanks to the triangular cutting system. Easy and durable cutting adjustment.

Ergonomic:

lightweight handles, helpful lever effect, comfortable plastic coating

After cleaning, it is advisable to oil the tool so as to protect it from corrosion.

Technical data:

Length: 500 mm
 Weight: 1500 g
 Diameter: 12 mm



Item No.

FELCO C12

ELECTRIC CABLE CUTTER (when switched off) FELCO C16E

Two hand wire and cable cutter

Reliable:

Unbreakable hardened handles made of forged aluminum with a lifetime guarantee. Blades and fastenings in high-quality hardened steel. Parts subject to wear and tear can be replaced.

Efficient:

Blade geometry specially developed for cutting electrical cables. Clean, precise cut without crushing the cable thanks to the triangular cutting system. Easy and durable cutting adjustment.

Ergonomic:

lightweight handles, helpful lever effect, comfortable plastic coating

After cleaning, it is advisable to oil the tool so as to protect it from corrosion.

Technical data:

Length: 590 mm
 Weight: 2300 g
 Diameter: 20 mm



Item No.

FELCO C16E

UNIVERSAL CABLE CUTTER S-50

One hand operated, reliable, well proven ratchet drive.

Quick blade release allows fast backout in any position.
All steel parts are hardened.
Wide range of application due to exchangeable cutting blades.
You can order different cutting jaws.

Technical data:

Length: 230 mm
Width of head: 100 mm
Weight: 1,1 kg
Diameter: 50 mm
Cross Section: 350 mm²
Handles: Polypropylene
Surface: brown-finished

Area of application: max.

CU/AL Conductor 350 mm²
sectorform 50 mmØ
CU/AL Conductor 400 mm²
multiple wire 50 mmØ
CU/AL Conductor 500 mm²
fine wire 50 mmØ
CU/AL Conductor 500 mm²
data cable 50 mmØ



UNIVERSAL CABLE CUTTER Nickel plated version

One hand operated, reliable, well proven ratchet drive.

Quick blade release allows fast backout in any position.
All steel parts are hardened.
Wide range of application due to exchangeable cutting blades.

Technical data:

Length: 230 mm
Width of head: 100 mm
Weight: 1,1 kg
Diameter: 50 mm
Cross Section: 350 mm²
Handles: Polypropylene
Surface: brown-finished

Area of application: max.

CU/AL Conductor 350 mm²
sectorform 50 mmØ
CU/AL Conductor 400 mm²
multiple wire 50 mmØ
CU/AL Conductor 500 mm²
fine wire 50 mmØ
CU/AL Conductor 500 mm²
data cable 50 mmØ








Item No.

50000

Item No.

50001

S-50 cutter segments

													
Typ	S2			S1			B			S		C	
Lenght	63 mm			63 mm			63 mm			63 mm		63 mm	
Width of head	45 mm			45 mm			45 mm			45 mm		45 mm	
Depth	6 mm			6 mm			6 mm			6 mm		6 mm	
Weight	50 g			50 g			50 g			50 g		50 g	
	Cross Section (mm ²)	Ø (mm)	Constuction	Cross Section (mm ²)	Ø (mm)	Constuction	Cross Section (mm ²)	Ø (mm)	Constuction	Cross Section (mm ²)	Ø (mm)	Cross Section (mm ²)	Ø (mm)
AL	400	50		500	50		150	30		600	50	600	50
CU	240	50		300	50		150	30		450	50	400	50
Flexible Steel Cable	95	14		95	14		70	12		95	16		
Catenary wire							70/300	12/30	Typ 8				
ACSR DIN 48 204	300/50	24,5	7/2,67 mm	150/25	20	7/2,1 mm		11,7	7/1,44 mm				
Steel Sheated conductors					50					240	50		
Stainless steel Cable		8	19/1 mm		8	19/1							
Steel Sheathed Hose		50											
Structural Steel 235JR+AR		10	Solid										
Screws		8	Strength: 8.8										

Item No.

Typ

50052

S2

50051

S1

50055

B

50050

S

50060

C

CRIMMING TOOL MP-13

The MP-13 is a universally crimping tool. Very easy to operate thanks to the needle bearing in its drive systems. Precise compression depth and force easily created by circular excentre. Correct compression depth results inevitably. A wide program of various dies allows compression of a multitude of ferrules and connectors.

Technical data:

Length: 430 mm
 Width: 84 mm
 Weight: 1,35 kg
 Depth: 46 mm
 Travel: 8,5 mm
 Force: 25 kN

Area of application:

CU/AL hexagonal crimp up to 50 mm²
 CU WM crimp up to 50 mm²
 ECU indent crimp up to 50 mm²
 CU ferrules crimp up to 50 mm²
 CU/AL pre-rounding up to 70 mm²
 CU insulated connectors up to 25 mm²



Item No.

13000

Dies for MP-13



Item No.	Crimp Typ	Cross section (mm ²)	DIN color
13300	Oval	AWG 10	yellow
13301	Oval	AWG 8	red
13302	Oval	AWG 6	blue

Item No.	Crimp Typ	Crimp width (mm)	Cross section (mm ²)	TB number
13520	Hexagonal	9	16	TB 9
13521	Hexagonal	9	25	TB11
13522	Hexagonal	9	35	TB 13
13523	Hexagonal	6	50	TB 14,5

Item No.	Crimp Typ	Crimp width (mm)	Cross section (mm ²)	E-Types
13540	Hexagonal	5,5	10	E 54
13541	Hexagonal	9	25	E 68
13542	Hexagonal	5,5	35	E 72
13543	Hexagonal	9	16	E 83
13544	Hexagonal	9	25	E 100
13545	Hexagonal	8,4	35	E 113
13546	Hexagonal	5,5	50	E 120
13547	Hexagonal	9	70	E 140

Item No.	Crimp Typ	Crimp width (mm)	Cross section (mm ²)	DIN number
13400	Hexagonal	7	16	10 AL
13401	Hexagonal	7	25	12 AL
13402	Hexagonal	7	35	14 AL
13403	Hexagonal	7	50	16 AL
13330	Hexagonal	5	6	5
13331	Hexagonal	5	10	6
13332	Hexagonal	5	16	8
13333	Hexagonal	5	25	10
13334	Hexagonal	5	35	12
13335	Hexagonal	5	50	14
13430	WM	6	6	CU 6
13431	WM	6	10	CU 10
13432	WM	6	16	CU 16
13433	WM	6	25	CU 25
13434	WM	6	35	CU 35
13435	WM	6	50	CU 50
13305	Oval	7	10	DIN 10
13306	Oval	7	16	DIN 16
13307	Oval	9	25	DIN 25

Item No.	Crimp Typ	Crimp width (mm)	Cross section (mm ²)	DIN number
13310	Trapezoid	18	6	AE 6
13311	Trapezoid	18	10	AE 10
13312	Trapezoid	18	16	AE 16
13313	Trapezoid	18	25	AE 25
13314	Trapezoid	18	35	AE 35
13315	Trapezoid	18	50	AE 50
13316	Stamp Trapezoid	18	6+10	AE 6+10
13317	Stamp Trapezoid	18	16	AE 16
13318	Stamp Trapezoid	18	25+35	AE 25+35
13319	Stamp Trapezoid	18	50	AE 50
13460	Indent	7	6	DIN6
13461	Indent	7	10	DIN 10
13462	Indent	9	16	DIN 16
13463	Indent	9	25	DIN 25
13464	Indent	9	35	DIN 35
13465	Stamp Indent	7	6-35	DIN 6-35
13466	Indent	7	6	DIN 6
13467	Indent	7	10	DIN 10
13468	Indent	9	16	DIN 16
13469	Indent	9	25	DIN 25
13470	Indent	9	35	DIN 35
13471	Stamp Indent	9	6-35	DIN 6-35
13480	Indent	7	10	DIN 10
13481	Indent	9	16	DIN 16
13482	Indent	9	25	DIN 25
13483	Indent	9	35	DIN 35
13484	Indent	9	50	DIN 50
13485	Stamp Indent	9	10-50	DIN 10-50
13500	Round	18	25/35	DIN 25 sm/35 se
13501	Round	18	35/50	DIN 35 sm/50 se
13502	Round	18	50/70S	DIN 50 sm/70 se
13510	Hexagonal	7	10/16	TB 8
13511	Hexagonal	9	25	TB 9
13512	Hexagonal	9	35	TB 11
13513	Hexagonal	9	50	TB 12
13514	Hexagonal	6	70	TB 14
13530	Hexagonal	7	10	CU 10
13531	Hexagonal	7	16	CU 16
13532	Hexagonal	9	25	CU 25
13533	Hexagonal	9	35	CU 35
13534	Hexagonal	9	50	CU 50
13535	Hexagonal	6	70	CU 70

CRIMPING TOOL MP-10

The MP-10 is a crimping tool developed particularly for the French market. Crimping of "Isosim" connectors possible thanks to its fixed hexagonal shape with an opening of 14 mm and compression width of 9mm. These versatile connectors are ferrules constructed for several cable dimensions.

Technical data:

Length: 273 mm
 Width: 84 mm
 Weight: 1,35 kg
 Depth: 46 mm
 Travel: 8,5 mm
 Force: 25 kN

Area of application:

CU/AL hexagonal crimp up to 50 mm²
 MJB (Isosim-DPB)
 EBP.AU.M
 MJPBAS (Simel, France)



Item No.

10000

CRIMPING TOOL MP-12

The MP-12 is a universal crimping tool with multiple die. Indent compression of up to 50 mm² cooper wire possible. Precise compression force and depth. Multiple dies can be exchanged to accommodate various ferrule types.

Technical data:

Length: 310 mm
 Width: 84 mm
 Weight: 1,4 kg
 Depth: 46 mm
 Travel: 8 mm
 Force: 25 kN

Area of application:

CU indent crimp up to 50 mm²



Item No.

12000

Dies for MP-12

MP-12 starts and stamps	Q					S1					S2					1.		2.	
	Crimp width (mm ²)	Cross Section (mm ²)	Connector inner diameter	Connector outer diameter	Copper material strength	Crimp width (mm ²)	Cross Section (mm ²)	Connector inner diameter	Connector outer diameter	Copper material strength	Crimp width (mm ²)	Cross Section (mm ²)	Connector inner diameter	Connector outer diameter	Copper material strength	Crimp width (mm ²)	Cross Section (mm ²)	Crimp width (mm ²)	Cross Section (mm ²)
	7,5	6	3,6	5,6	1,0	12	10	4,6	6,9	1,15	12	10	4,2	7,0	1,4	7	10-50	9	10-50
	8	10	4,5	6,7	1,1	12	16	5,7	7,9	1,18	12	16	N.A	N.A	N.A				
	12	16	5,8	8,2	1,2	12	25	7,2	9,5	1,15	12	25	6,6	9,6	1,5				
	12	25	7,5	10,5	1,5	12	35	9,1	11,7	1,3	12	35	7,8	11,1	1,7				
	12	35	9,0	12,2	1,6	12	50	9,5	12,5	1,5	12	50	9,1	12,6	1,85				

Item No.	Typ
12300	Q
12301	S1
12302	S2
12350	1.
12360	2.

CRIMPING TOOL MP-1

The MP-1 is a universally applicable crimping tool.

Very easy to operate thanks to the needle bearing in its drive systems.
 Precise compression depth and force easily created by circular excentre.
 Correct compression depth results inevitably.
 A wide program of various dies allows compression of a multitude of ferrules and connectors.

Technical data:

Length: 430 mm
 Width: 210 mm
 Weight: 2,5 kg
 Depth: 40 mm
 Travel: 10 mm
 Force: 55 kN

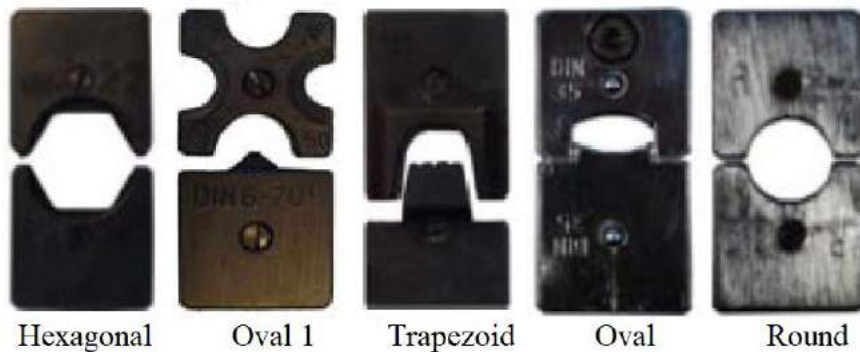
Area of application:

CU/AL hexagonal crimp up to 120 mm²
 CU WM crimp up to 120 mm²
 ECU indent crimp up to 70 mm²
 CU ferrules crimp up to 95 mm²
 CU/AL pre-rounding up to 95 mm²
 CU insulated connectors up to 35 mm²



Item No.
16000

Dies for MP-1



Item No.	Crimp Typ	Crimp width (mm)	Cross section (mm ²)	DIN number
16400	Hexagonal	7	16/35	10/14 AL
16401	Hexagonal	7	25/50	12/16 AL
16402	Hexagonal	7	70	8 AL
16403	Hexagonal	7	95	20 AL
16360	Hexagonal	5,5	10/70	6/16
16361	Hexagonal	5,5	16/35	8/12
16362	Hexagonal	5,5	25/50	10/14
16363	Hexagonal	5,5	95	18
16364	Hexagonal	5,5	120	20
16430	Hexagonal	7	10/70	6/16
16431	Hexagonal	7	16/35	8/12
16432	Hexagonal	7	50/25	10/14
16433	Hexagonal	5,5	95	18
16434	Hexagonal	5,5	120	20
16300	Oval	12	10	AWG 8
16301	Oval	12	16	AWG 6
16302	Oval	12	25	AWG 4
16303	Oval	12	35	AWG 2

Item No.	Crimp Typ	Crimp width (mm)	Cross section (mm ²)	DIN number
16340 Stamp	Trapezoid		25+30	
16341 Stamp	Trapezoid		50+70	
16342 Stamp	Trapezoid		95	
16343	Trapezoid		25	
16344	Trapezoid		35	
16345	Trapezoid		50	
16346	Trapezoid		70	
16347	Trapezoid		95	
16460 Stamp	Oval 1	6..70		6-70
16461	Oval 1		10/16/25/35	10,16,25,35
16462	Oval 1		16/25/35/50	16,25,35,50
16464	Oval 1		6/50	6,50
16465	Oval 1		10/70	10,70
16465	Oval 1		70	70
16320	Round	12	25/50	
16321	Round	45	35/70	
16322	Round	12	95	

CRIMPING TOOL MP-2

The MP-2 is a universally applicable crimping tool.

Very easy to operate thanks to the needle bearing in its drive systems.
Precise compression depth and force easily created by circular excentre.
Correct compression depth results inevitably.
A wide program of various dies allows compression of a multitude of ferrules and connectors.

Technical data:

Length: 565 mm
Width: 160 mm
Weight: 4,68 kg
Depth: 50 mm
Travel: 16 mm
Force: 55 kN

Area of application:

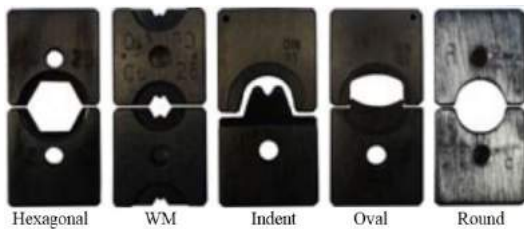
CU/AL hexagonal crimp up to 300 mm²
CU WM crimp up to 300 mm²
CU indent crimp up to 150 mm²
CU/AL pre-rounding up to 240 mm²
CU insulated connectors up to 120 mm²



Item No.

17000

Dies for MP-2



Item No.	Crimp Typ	Crimp width (mm)	Cross section (mm ²)	DIN number
17300	Round	25	25/35	25sm/35se
17301	Round	25	35/50	35sm/50se
17302	Round	25	50/70	50sm/70se
17303	Round	25	70/95	70sm/95se
17304	Round	25	95/120	95sm/120se
17305	Round	25	120/150	120sm/150se
17306	Round	25	150/185	150sm/185se
17307	Round	25	185/240	185sm/240se
17308	Round	25	240	240se
17309	Oval	7	10	10/AWG8
17310	Oval	8	16	16/AWG6
17311	Oval	9	25	25/AWG4
17312	Oval	10	35	35/AWG2
17313	Oval	12	50	50/AWG1
17314	Oval	14	70	70/AWG2/0
17315	Oval	15	95	95/AWG3/0
17316	Oval	16	120	120/AWG4/0
17317	Indent	8/14	10/70	
17318	Indent	10/12	16/35	
17319	Indent	11/13	25/50	
17320	Indent	15	95	
17321	Indent	16	120	
17322	Indent	16	150	
17323 Stamp	Indent	8	10-70	
17324 Stamp	Indent	11	95-150	
17325	WM	9,8	10/25	
17326	WM	9,8	16/35	
17327	WM	8	50	
17328	WM	8	70	
17329	WM	8	95	
17330	WM	8	120	
17331	WM	8	150	
17332	WM	8	185	
17333	WM	8	240	
17334	WM	6	300	
17335	Hexagonal	7	6/10	DIN 6
17336	Hexagonal	7	16	DIN 8
17337	Hexagonal	7	25	DIN 10
17338	Hexagonal	7	35	DIN12
17339	Hexagonal	7	50	DIN 14
17340	Hexagonal	7	70	DIN 16
17341	Hexagonal	7	95	DIN 18
17342	Hexagonal	7	120	DIN 20
17343	Hexagonal	7	150	DIN 22
17344	Hexagonal	7	185	DIN 25

Item No.	Crimp Typ	Crimp width (mm)	Cross section (mm ²)	DIN number
17345	Hexagonal	7	240	DIN 28
17346	Hexagonal	7	300	DIN 32
17347	Hexagonal	5,5	6/10	DIN 6/10
17348	Hexagonal	5,5	16	DIN 16
17349	Hexagonal	5,5	25	DIN 25
17350	Hexagonal	5,5	35	DIN 12
17351	Hexagonal	5,5	50	DIN 14
17352	Hexagonal	5,5	70	DIN 16
17353	Hexagonal	5,5	95	DIN 18
17354	Hexagonal	5,5	120	DIN 20
17355	Hexagonal	5,5	150	DIN 22
17356	Hexagonal	5,5	185	DIN 25
17357	Hexagonal	5,5	240	DIN 28
17358	Hexagonal	5,5	300	DIN 32
17359	Hexagonal	9,8	10/16	CU10/CU16
17360	Hexagonal	9,8	25/35	CU25/CU35
17361	Hexagonal	9,8	50/70	CU50/CU70
17362	Hexagonal	8	95	CU 95
17363	Hexagonal	8	120	CU 120
17364	Hexagonal	8	150	CU 150
17365	Hexagonal	8	185	CU 185
17366	Hexagonal	8	240	CU 240
17367	Hexagonal	7	25	12 AL
17368	Hexagonal	7	35	14 AL
17369	Hexagonal	7	50	16 AL
17370	Hexagonal	7	95	22 AL
17371	Hexagonal	7	120	25 AL
17372	Hexagonal	7	150	28 AL
17373	Hexagonal	7	240	32 AL
17374	Hexagonal	7	300	34 AL
17376	Hexagonal	8,2	10+16	TB 8
17377	Hexagonal	9	25	TB 9
17378	Hexagonal	11	35	TB 11
17379	Hexagonal	11	50	TB 12
17380	Hexagonal	12	70	TB 14
17381	Hexagonal	12	95	TB 16
17382	Hexagonal	12	120	TB 19
17383	Hexagonal	8	150	TB 22
17384	Hexagonal	8	185	TB 25
17385	Hexagonal	8	240	TB 27
17386	Hexagonal	9	16	TB 9
17387	Hexagonal	11	25	TB 11
17388	Hexagonal	11	35	TB 13
17389	Hexagonal	12	50	TB 14,5
17390	Hexagonal	12	70	TB 17
17391	Hexagonal	12	95	TB 20
17392	Hexagonal	8	120	TB 22
17393	Hexagonal	8	150	TB 25
17394	Hexagonal	8	185	TB 27

CRIMPING TOOL MP-811

The MP-811 is an extremely robust and low-maintenance crimping tool.

Proven for decades, it is particularly popular in France. In contrast to the "MP" ratchet types, the MP-811 has a pin catch and the dies are axially aligned. The metal surfaces are nickel plated.



Technical data:

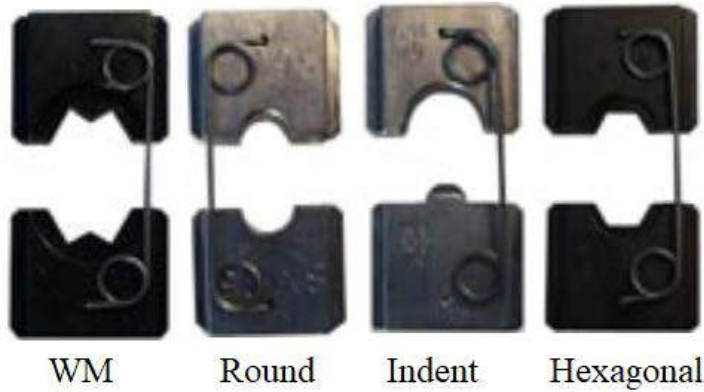
Length: 570 mm
 Width: 160 mm
 Weight: 4,1 kg
 Depth: 80 mm
 Travel: 11 mm
 Force: 55 kN

Area of application:

CU/AL hexagonal crimp up to 150 mm²
 CU WM crimp up to 185 mm²
 ECU indent crimp up to 95 mm²
 CU/AL pre-rounding up to 185 mm²
 CU insulated connectors up to 95 mm²

Item No.
19000

Dies for MP-811



Item No.	Crimp Typ	Crimp width (mm)	Cross section (mm ²)	DIN number
19300	Hexagonal	5,5	6+10	6
19301	Hexagonal	5,5	16	8
19302	Hexagonal	5,5	25	10
19303	Hexagonal	5,5	35	12
19304	Hexagonal	5,5	50	14
19305	Hexagonal	5,5	70	16
19306	Hexagonal	5,5	95	18
19307	Hexagonal	5,5	120	20
19308	Hexagonal	5,5	150	22
19309	Hexagonal	5,5	185	25
19310	Hexagonal	5,5	240	28
19311	Hexagonal	8	6+10	6
19312	Hexagonal	7	16	8
19313	Hexagonal	7	25	10
19314	Hexagonal	7	35	12
19315	Hexagonal	7	50	14
19316	Hexagonal	7	70	16
19317	Hexagonal	7	95	18
19318	Hexagonal	7	120	20
19319	Hexagonal	7	150	22
19320	Hexagonal	7	185	25
19321	Hexagonal	7	240	28
19350	Hexagonal	7	16	10 AL
19351	Hexagonal	7	25	12 AL
19352	Hexagonal	7	35	14 AL
19353	Hexagonal	7	50	16 AL
19354	Hexagonal	7	70	18 AL
19355	Hexagonal	7	95	20 AL
19356	Hexagonal	7	120	22 AL
19357	Hexagonal	7	150	25 AL
19370	WM	9,8	10 u. 25	CU10/CU25

Item No.	Crimp Typ	Crimp width (mm)	Cross section (mm ²)	DIN number
19371	WM	9,8	16 u. 35	CU16/CU35
19372	WM	9,8	50	CU 50
19373	WM	8	70	CU 70
19374	WM	8	95	CU 95
19375	WM	8	120	CU 120
19376	WM	8	150	CU 150
19377	WM	8	185	CU 185
19400	Round	25	25/35	25sm/35se
19401	Round	25	35/50	35sm/50se
19402	Round	25	50/70	50sm/70se
19403	Round	25	70/95	70sm/95se
19404	Round	25	95/120	95sm/120se
19405	Round	25	150/185	150sm/185se
19420	Indent		10	CU 10
19401	Indent		16	CU 16
19402	Indent		25	CU 25
19403	Indent		35	CU 35
19404	Indent		50	CU 50
19405	Indent	10/14	70	CU 70
19406	Indent		95	CU 95
19440	Oval		10	DIN10/AWG8
19441	Oval		16	DIN16/AWG8
19442	Oval		25	DIN25/AWG4
19443	Oval		35	DIN35/AWG2
19444	Oval		50	DIN50/AWG1
19445	Oval		70	DIN70/AWG2/0
19446	Oval		95	DIN95/AWG3/0
19447	Oval		120	DIN120/AWG4/0

CRIMPING TOOL MP-1012

The MP-1012 is very robust and repair unsusceptible.

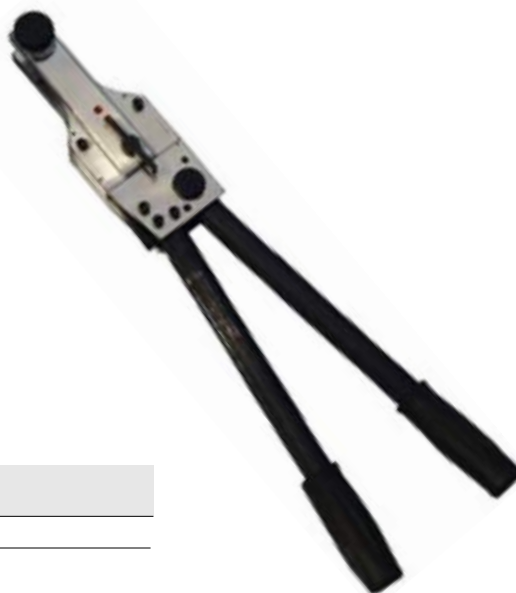
Suitable for use in extreme conditions.
The pin catch allows for convenient die replacement.
Compressions of up to 300 mm² copper wire possible.
The metal surfaces are nickel plated.

Technical data:

Length: 640 mm
Width: 170 mm
Weight: 5,1 kg
Depth: 80 mm
Travel: 12 mm
Force: 55 kN

Area of application:

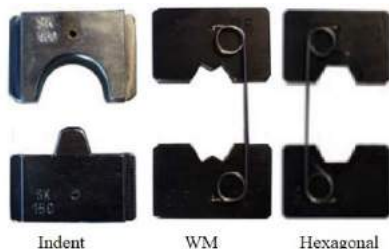
CU/AL hexagonal crimp up to 300 mm²
CU WM crimp up to 300 mm²
CU indent crimp up to 120 mm²
CU/AL pre-rounding up to 240 mm²



Item No.

20000

Dies for MP-1012



Item No.	Crimp Typ	Crimp width (mm)	Cross section (mm ²)	DIN number
20300	Hexagonal	5,5	6+10	
20301	Hexagonal	5,5	16	
20302	Hexagonal	5,5	25	
20303	Hexagonal	5,5	35	
20304	Hexagonal	5,5	50	
20305	Hexagonal	5,5	70	
20306	Hexagonal	5,5	95	
20307	Hexagonal	5,5	120	
20308	Hexagonal	5,5	150	
20309	Hexagonal	5,5	185	
20310	Hexagonal	5,5	240	
20311	Hexagonal	5,5	300	
20312	Hexagonal	8	6+10	
20313	Hexagonal	7	16	
20314	Hexagonal	7	25	
20315	Hexagonal	7	35	
20316	Hexagonal	7	50	
20317	Hexagonal	7	70	
20318	Hexagonal	7	95	
20319	Hexagonal	7	120	
20320	Hexagonal	7	150	
20321	Hexagonal	7	185	
20322	Hexagonal	7	240	
20323	Hexagonal	7	300	
20350	Hexagonal	9,8	10+17	CU10+CU17
20351	Hexagonal	9,8	16+35	CU16+CU35
20352	Hexagonal	9,8	25+50	CU25+CU50
20353	Hexagonal	8	95	CU 95
20354	Hexagonal	8	120	CU 120
20355	Hexagonal	8	150	CU 150
20356	Hexagonal	8	185	CU 185
20418	WM	5,5	150	CU 150
20419	WM	5,5	185	CU 185
20420	WM	5,5	240	CU 240
20421	WM	5,5	300	CU 300
20440	Indent		10	DIN 10
20441	Indent		16	DIN 16
20442	Indent		25	DIN 25
20443	Indent		35	DIN 35

Item No.	Crimp Typ	Crimp width (mm)	Cross section (mm ²)	DIN number
20357	Hexagonal	7	240	CU 240
20370	Hexagonal	7	25	12 AL
20371	Hexagonal	7	35	14 AL
20372	Hexagonal	7	50	16 AL
20373	Hexagonal	7	70	18 AL
20374	Hexagonal	7	95	22 AL
20375	Hexagonal	7	120	25 AL
20376	Hexagonal	7	150	28 AL
20377	Hexagonal	7	240	32 AL
20378	Hexagonal	7	340	34 AL
20379	Hexagonal	16	25	12 AL
20380	Hexagonal	16	35	14 AL
20381	Hexagonal	16	50	16 AL
20382	Hexagonal	16	70	18 AL
20383	Hexagonal	16	95	22 AL
20384	Hexagonal	16	120	25 AL
20385	Hexagonal	16	150	28 AL
20386	Hexagonal	16	240	32 AL
20387	Hexagonal	16	340	34 AL
20400	WM	9,8	10+25	CU 25
20401	WM	9,8	16 u. 35	CU16 u. CU25
20402	WM	8	50	CU 50
20403	WM	8	70	CU 70
20404	WM	8	95	CU 95
20405	WM	8	120	CU 120
20406	WM	8	150	CU 150
20407	WM	8	185	CU 185
20408	WM	8	240	CU 240
20409	WM	8	300	CU 300
20412	WM	5,5	10/25	CU10 u. CU25
20413	WM	5,5	16/35	CU16 u. CU35
20414	WM	5,5	50	CU 50
20415	WM	5,5	70	CU 70
20416	WM	5,5	95	CU 95
20417	WM	5,5	120	CU 120
20444	Indent		50	DIN 50
20445	Indent		70	DIN 70
20446	Indent		95	DIN 95
20447	Indent		120	DIN 120

ABC GRIP

Aerial Bundled Cable Grips

Technical data:

Capacity: 3,5 kN (350Kgf)
 Min. cable: 4x16mm²
 2x16mm²
 Max. Cable: 4x35mm²
 2x50mm²
 Jaw Length: 80 mm
 Weight: 0,6 kg
 Eye size: 24mmx30mm



ABC-S

Item No.

ABC-S

ABC GRIP

Aerial Bundled Cable Grips

Technical data:

Capacity: 10 kN (1TON)
 Min. cable: 4x25mm²
 Max. Cable: 4x95mm²
 Jaw Length: 160 mm
 Weight: 2,4 kg
 Eye size: 32mmx42mm



ABC-M

Item No.

ABC-M

ABC GRIP

Aerial Bundled Cable Grips

Technical data:

Capacity: 18 kN (1,8TON)
 Min. cable: 4x95mm²
 Max. Cable: 4x150mm²
 Jaw Length: 180 mm
 Weight: 2,6 kg
 Eye size: 32mmx42mm



ABC-L

Item No.

ABC-L

LIVE LINE GRIP

For Bare AL, ACSR & Cooper Cable
 HOT(Live)-LINE-GRIP

Technical data:

Capacity: 30 kN (3TON)
 Min. cable: 5 mm
 Max. Cable: 22 mm
 Jaw Length: 90 mm
 Weight: 1,7 kg
 Eye size: 32mmx42mm



H-30KN

Item No.

H-30KN

ABC GRIP

For tensioning overhead line spans of
 four core cable 4x25-50mm²

ALUS 4x25 - 4x50
 Weight: 2,30 kg
 Max. load: 600 kg



Item No.

44607000

ABC GRIP

For tensioning overhead line spans of
 four core cable 4x70-95mm²

ALUS 4x95 / EXCEL 12 KV
 Weight: 4,70 kg
 Max. load: 800 kg



Item No.

44607500

ABC GRIP

For tensioning overhead line spans of four core cable 4x120 mm²

ALUS 4x25 / EXCEL 24 kV
 Weight: 4,70 kg
 Max. load: 800 kg



Item No.

44607600

COME ALONG CLAMP Type 12504

Come along clamp for Stay and CU line

Type: 12504
 Diameter: 1-5 mm
 Stay, CU line: 1-16 mm²
 Max. load: 500 kg
 Weight: 0,30 kg



Item No.

44600400

COME ALONG CLAMP Type 12511

Come along clamp for Stay and CU line

Type: 12511
 Diameter: 3-9 mm
 Stay, CU line: 6-35 mm²
 Max. load: 1000 kg
 Weight: 0,90 kg



Item No.

4460800

COME ALONG CLAMP Type 12528

Come along clamp for Stay and CU line

Type: 12528
 Diameter: 4-12 mm
 Stay, CU line: 16-70 mm²
 Max. load: 1700 kg
 Weight: 1,30 kg



Item No.

44601000

COME ALONG CLAMP Type 12535

Come along clamp for Stay and CU line

Type: 12535
 Diameter: 6-18 mm
 Stay, CU line: 50-150 mm²
 Max. load: 3000 kg
 Weight: 1,90 kg



Item No.

44601600

COME ALONG CLAMP Type 12542

Come along clamp for Stay and CU line

Type: 12542
 Diameter: 10-28 mm
 Stay, CU line: 90-400 mm²
 Max. load: 3500 kg
 Weight: 4,1 kg



Item No.

44602300

RATCHET PULLER

**N-1000
N-1500**

Technical data:

Capacity: 10kN; 15kN
 Harness diameter: 2x32 mm
 Min. length: 400 mm
 Weight: 3,2kg; 3,5kg
 Arm length: 370 mm ; 460 mm



Item No.

N-1000
N-1500

RATCHET PULLER

**NP-1000
NP-1500**

Technical data:

Capacity: 10kN; 15kN
 Harness diameter: 2x32 mm
 Min. length: 420 mm
 Weight: 3,4kg; 3,6kg
 Arm length: 370 mm ; 460 mm



Item No.

NP-1000
NP-1500

RATCHET PULLER

**NEX-1000
NEX-1500**

Technical data:

Capacity: 10kN ; 15kN
 Harness diameter: 2x32 mm
 Min. length: 480 mm
 Weight: 3,7kg; 3,9kg
 Arm length: 370 mm ; 460 mm



Item No.

NEX-1000
NEX-1500

RATCHET PULLER

PC-1500

Technical data:

Capacity: 15kN
 Cable diameter: 5 mm²
 Min. length: 460 mm
 Max. length: 1870 mm
 Weight: 4,1kg
 Arm length: 430 mm



Item No.

PC-1500

RATCHET PULLER

PC-1500

Technical data:

Capacity: 20kN
 Cable diameter: 5 mm²
 Min. length: 460 mm
 Max. length: 1870 mm
 Weight: 4,1kg
 Arm length: 430 mm



Item No.

P-2000



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