

**Standard tools**

Accessories



## Tackle blocks, steel stamps

### Tackle blocks

made from steel, with turnable hooks, 2 blocks, rust protected finish, with 3 brass rolls



Art. No.	roll-Ø	rope-Ø	capacity kg	weight	PU
13 00 04	50	8	200	1820	1
13 00 06	60	10	250	1960	1

### Hemp tackle block ropes

20 m long



Art. No.	rope-Ø	weight	PU
13 00 42	8	950	1
13 00 44	10	1330	1

### Parallel rope tension clamps

for copper and steel cables and wires



Art. No.	for ropes mm <sup>2</sup>	Ø	load kg	weight	PU
13 00 64	6 - 35	3 - 8	1000	890	1
13 00 66	16 - 70	4 - 12	1400	1230	1
13 00 68	50 - 150	8 - 16	2500	1920	1

### Steel stamp, figures (0 - 9) DIN 1451



Art. No.	length	AF	set	weight	PU
13 02 00	3	1/8	0 - 9	150	1
13 02 01	4	5/32	0 - 9	200	1
13 02 02	5	3/16	0 - 9	300	1
13 02 03	6	1/4	0 - 9	450	1
13 02 04	8	5/16	0 - 9	650	1
13 02 06	10	7/16	0 - 9	800	1

### Steel stamp, letters (A - Z), DIN 1451



Art. No.	length	AF	set	weight	PU
13 02 08	3	1/8	A - Z	650	1
13 02 09	4	5/32	A - Z	650	1
13 02 10	5	3/16	A - Z	850	1
13 02 11	6	1/4	A - Z	1300	1
13 02 12	8	5/16	A - Z	1950	1
13 02 14	10	7/16	A - Z	2200	1

## Painters accessories

### Wire brushes



Art. No.	length	weight	PU
15 00 02	300	130	6

### Water brushes

real bristles, vulcanized, textile bound, bristles-Ø 24 mm, length of bristle 48 mm



Art. No.	weight	PU
15 00 04	30	12

### Plaster cups

soft rubber



Art. No.	Ø	height	weight	PU
15 00 06	125	90	125	1

### Plaster pan

metal, with wood handle



Art. No.	longitud	Ø	weight	PU
15 00 08	300	160	360	1

### Paint scrapers

steel, polished blade, with oval wooden handle



Art. No.	longitud	width	weight	PU
15 00 24	185	40	55	12
15 00 26	205	50	60	12
15 00 28	205	60	70	12

### Impact cord rollers

without chalk, cord length 15 m



Art. No.	weight	PU
15 00 16	255	6

### Carpenters' pencils



Art. No.	weight	PU
15 00 90	150	12

### Marking chalk



Art. No.	colour	weight	PU
15 00 15 G	yellow	200	12
15 00 15 B	blue	200	12
15 00 15 R	red	200	12

### Chalk

in plastic bottles, 250 g



Art. No.	colour	weight	PU
14 05 10	red	250	10
14 05 20	blue	250	10
14 05 30	yellow	250	10

### Chalk

in bags



Art. No.	colour	weight	PU
15 00 18 GELB	yellow	50	12
15 00 18 ROT	red	50	12
15 00 18 BLAU	blue	50	12

**haupa**<sup>®</sup>

...convincing solutions

## Soldering accessoires

### Soldering irons

chrome nickel steel tube, with schuko safety plug, replaceable nickel-plated copper tips



soldering tip

Art. No.	volt	watt	Ø	length	weight	PU
16 01 42	220	60	5	265	240	1
16 01 44	220	80	7	315	300	1
16 01 46	220	100	7	320	300	1

### Soldering irons

with plastic handle, with schuko safety plug, replaceable copper tips, nickel-plated



soldering tip

Art. No.	volt	watt	Ø	length	weight	PU
16 01 50	220	30	4	250	165	1

### Soldering irons

soldering tip internally heated, chrome vanadium tube, with plastic handle, with schuko safety plug, replaceable nickel-plated copper tips, for electronic work



soldering tip

Art. No.	volt	watt	Ø	length	weight	PU
16 01 90	220	15	2.5 x 60	200	80	1

### Soldering set

Contents:

- 1 Electric soldering Iron 80 Watt
- 1 Hobbyists' solder 1 m
- 1 Radio solder 1 m
- 1 Soldering grease 20 g



Art. No.	weight	PU
16 02 34	540	1

### Solder in triangular sticks DIN 1707

length approx. 430 mm, approx. 250 g per stick, size: 11 x 11 x 11 x 430 mm



Art. No.	Sn %	weight	PU
16 01 12	30	250	1
16 01 14	40	250	1
16 01 16	60	250	1

### Soldering stone



Art. No.	size	weight	PU
16 01 30	65 x 45 x 20	70	1

### Soldering paste acc. to DIN 8511-F-SW 26

rosin halide-activated, field of application: electro-technic, electronics, manufacture of electrical appliances



Art. No.	weight	PU
16 00 90	50	24

### Soldering fluid acc. to DIN 8511-F-SW 32

rosin halide-activated, field of application: electro-technic, electronics, manufacture of electrical appliances



Art. No.	ml	weight	PU
16 00 92	50	50	1

### Grease for soft soldering acc. to DIN 8511-F-SW 21

ammonium chloride, organic preparation  
field of application: general soldering work



Art. No.	ml	weight	PU
16 00 94	50	50	24
16 00 96	100	100	12

### Soldering grease for fittings acc. to DIN 8511-F-W 22

field of application: sanitary technics, copper tubes etc.



Art. No.	ml	weight	PU
16 01 00	70	80	1

### Soldering fluid acc. to DIN 8511-F-W 21

ammonium chloride, organic preparation  
field of application: sanitary technics, copper tubes etc.



Art. No.	ml	weight	PU
16 01 02	50	65	1

### Solder for electronic work acc. to DIN EN 29453

antimony-free, soldering flux acc. to DIN EN 29454, 1.1.2.B (F-SW 26), S-Sn60Pb40, rosin halide-activated



Art. No.	Sn %	Ø	length	role weight	weight	PU
16 00 20	60	1		100	105	12
16 00 22	60	1		250	255	12
16 00 24	60	1		500	510	1
16 00 26	60	1		1000	1015	1
16 00 28	60	1.5	1 m		14	48
16 00 30	60	1.5		100	105	12
16 00 42	60	1.5		250	255	12
16 00 44	60	1.5		500	510	1
16 00 46	60	1.5		1000	1015	1
16 00 50	60	2		100	105	12
16 00 52	60	2		250	255	6
16 00 54	60	2		500	510	1

### Solder for electronic work acc. to DIN EN 29453

antimony-free, soldering flux acc. to DIN EN 29454, 1.1.3.B (F-SW 32), rosin halide-activated



Art. No.	Sn %	Ø	length	role weight	weight	PU
16 00 00	60	1	1 m		6	48
16 00 02	60	1		100	105	12
16 00 04	60	1		250	255	12
16 00 06	60	1		500	510	1
16 00 08	60	1		1000	1015	1
16 00 12	60	1.5		100	105	12
16 00 14	60	1.5		250	255	12
16 00 16	60	1.5		500	510	1
16 00 18	60	1.5		1000	1015	1

### Solder for electronic work acc. to DIN EN 29453

antimony-free, soldering flux acc. to DIN EN 29454, 1.1.2.B (F-SW 26), S-Pb60Sn40, rosin halide-activated



Art. No.	Sn %	Ø	role weight	weight	PU
16 00 60	40	2	100	105	12
16 00 62	40	2	250	255	12

### Fittings' solder acc. to DIN EN 29453

low antimony content, soldering flux acc. to DIN EN 29454, 2.1.3.B (F-SW 24), S-Pb60Sn40, ammonium chloride based, organically prepared



Art. No.	Sn %	Ø	length	role weight	weight	PU
16 00 70	40	1.5	1 m		16	48
16 00 72	40	2		100	105	12
16 00 74	40	2		250	255	12

### Fittings' solder acc. to DIN 29453, solid

S-Pb50Sn50 low antimony content



Art. No.	Sn %	Ø	role weight	weight	PU
16 00 80	50	3	100	105	12
16 00 82	50	3	250	255	12

### Solder lead-free (RoHS-directive)

#### Solder wire according to DIN EN 29453

lead-free special alloy, 2.5% flux percentage according to DIN EN 29454, 1.1.2.B (EN-61190-ROLO), 1.00 mm of Ø, 0,100 kg spools S-Sn99Cu1, DIN EN 29453 (Sn99, 3Cu0,7 - eutectic)



Art. No.	Ø	role weight	weight	PU
16 04 20	1	100	105	12
16 04 22	1	250	255	12
16 04 24	1	500	510	1
16 04 26	1	1000	1015	1
16 04 30	1.5	100	105	12
16 04 42	1.5	250	255	12
16 04 44	1.5	500	510	1
16 04 46	1.5	1000	1015	1
16 04 50	2	100	105	12
16 04 52	2	250	255	6
16 04 54	2	500	510	1

#### Solder wire according to Din EN 29453

lead-free special alloy, 3.5% flux percentage according to DIN EN 29454, 1.1.3.B (EN-61190-ROLO), 1.00 mm of Ø, 0, 100 kg spools S-Sn99Cu1, DIN EN 29453 (Sn99, 3Cu0,7 - eutectic)



Art. No.	Ø	role weight	weight	PU
16 04 02	1	100	105	12
16 04 04	1	250	255	12
16 04 06	1	500	510	1
16 04 08	1	1000	1015	1
16 04 12	1.5	100	105	12
16 04 14	1.5	250	255	12
16 04 16	1.5	500	510	1
16 04 18	1.5	1000	1015	1

**haupa**

...convincing solutions