



# SCREW FASTENING





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## Screwdriver with adjustable torque ST 1800



### KEY APPLICATIONS & ADVANTAGES

- Attaching sheet metal to sheet metal
- Attaching sheet metal to steel or aluminium substructures
- Attaching trapezoidal profile sheets to liner trays
- Universal screwdriver for a wide range of applications in metal construction
- Torque clutch helps prevent over-driving or screw head breakage



### Technical data

Dimensions (LxWxH)	308 x 72 x 265 mm
Max. torque	22 Nm
A-weighted emission sound pressure level <sup>1)</sup>	84 dB (A)
Variable speed switch	Yes
Control switch lock	Yes
Weight according to EPTA Procedure 01/2003	1.9 kg
Supply cord length	4000 mm
A-weighted emission sound power level <sup>1)</sup>	95 dB (A)
Approvals	55014, 61000, According to EN 50144
Chuck interface	N/A mm

<sup>1)</sup> according to EN 60745

Ordering designation	Package contents	Sales pack quantity	Item number
ST 1800 230V cas	1x Metal constr screwdr ST 1800 230V assy, 1x Cover cap, 1x Case	1 pc	<b>378557</b>

## Cordless metal construction screwdriver ST 1800-A22



### KEY APPLICATIONS & ADVANTAGES

- Driving self-drilling and self-tapping screws in various materials including steel, aluminium and wood
- Fastening profile metal sheets
- Fastening sandwich panels
- High-performance cordless screwdriver with the features of a corded tool, specially designed for metal construction work
- Compact and well-balanced design with practical and comfortable in-line grip



### Technical data

Battery energy	56.16 Wh
Dimensions (LxWxH)	252 x 94 x 268 mm
Battery capacity	3.3 Ah
Battery type	Li-ion
Max. torque	12 Nm
A-weighted emission sound pressure level <sup>1)</sup>	70 dB (A)
Control switch lock	Yes
Weight according to EPTA Procedure 01/2003	2.5 kg
Uncertainty for the given sound level <sup>1)</sup>	3 dB (A)
A-weighted emission sound power level <sup>1)</sup>	81 dB (A)

<sup>1)</sup> according to EN 60745

Ordering designation	Package contents	Sales pack quantity	Item number
ST 1800-A22 box	1x Cordl. metal screwdr. ST 1800-A22, 1x Socket wrench insert S-NSD 8, 1x Cap	1 pc	<b>437866</b>



## Metal construction screwdriver ST 2500



### KEY APPLICATIONS & ADVANTAGES

- Sheet metal to sheet metal
- Sheet metal on steel or aluminum substructures
- Trapezoidal profile sheets on liner trays
- Universal screwdriver for a wide range of applications in metal construction
- Lockbutton for sustained operation

### Technical data

<b>Dimensions (LxWxH)</b>	242 x 72 x 194 mm
<b>Max. torque</b>	19 Nm
<b>A-weighted emission sound pressure level<sup>1)</sup></b>	84 dB (A)
<b>Variable speed switch</b>	Yes
<b>Control switch lock</b>	Yes
<b>Weight according to EPTA Procedure 01/2003</b>	1.5 kg
<b>Supply cord length</b>	4000 mm
<b>A-weighted emission sound power level<sup>1)</sup></b>	95 dB (A)
<b>Approvals</b>	55014, 61000, According to EN 50144
<b>Chuck interface</b>	N/A mm

<sup>1)</sup> according to EN 60745



Ordering designation	Package contents	Sales pack quantity	Item number
ST 2500 230V cas	1x Metal constr screwdr ST 2500 230V assy, 1x Cover cap, 1x Case	1 pc	378575

### Accessories for Metal Construction Screwdrivers

Ordering designation				Sales pack quantity	Item number
	ST 1800-A22	ST 2500	ST 1800		
Battery charger C 4/36-90 230V box	■			1 pc	2015761
Battery pack B 22/3.3 Li-Ion	■			1 pc	2007431
Extension tube SME assy		■		1 pc	304495
Screw guide ST-SG 5.5			■	1 pc	407521
Screw guide ST-SG 6.5			■	1 pc	425545



## Self-drilling screw, without washer (carbon steel) S-MD 01 Z



### KEY APPLICATIONS & ADVANTAGES

- Fastening steel sections and sheet steel to steel framing
- Screw fastenings at longitudinal joints of profile metal sheets and for steel sheeting on steel substructures
- Steel sheeting on steel substructures
- Galvanised carbon steel
- Drill point

Ordering designation	Base materials	Corrosion protection	Package contents	Sales pack quantity	Item number
S-MD01Z 4,2x13	Carbon steel	Galvanic zinc-plated	1x Self-drill screw S-MD01Z 4,2x13	1000 pc	224500
S-MD01Z 4,8x19	Carbon steel	Galvanic zinc-plated	1x Self-drill screw S-MD01Z 4,8x19	500 pc	219557

## Self-drilling screw, 16 mm washer (carbon steel) S-MD 53Z



### KEY APPLICATIONS & ADVANTAGES

- Fastening sheet metal to steel substructures with or without intermediate insulation layers
- Reliable, waterproof fastenings
- Reliable fastenings



Ordering designation	Washer size	Base materials	Corrosion protection	Package contents	Sales pack quantity	Item number
S-MD53Z 4,8x19	16 mm	Carbon steel	Galvanic zinc-plated	1x Self-drill screw S-MD53Z 4,8x19	500 pc	219035
S-MD53Z 5,5x19	16 mm	Carbon steel	Galvanic zinc-plated	1x Self-drill screw S-MD53Z 5,5X19	500 pc	413440
S-MD53Z 5,5x25	16 mm	Carbon steel	Galvanic zinc-plated	1x Self-drill screw S-MD53Z 5,5X25	500 pc	413441
S-MD53Z 5,5x32	16 mm	Carbon steel	Galvanic zinc-plated	1x Self-drill screw S-MD53Z 5,5X32	500 pc	413442
S-MD53Z 5,5x38	16 mm	Carbon steel	Galvanic zinc-plated	1x Self-drill screw S-MD53Z 5,5X38	250 pc	413443
S-MD53Z 5,5x50	16 mm	Carbon steel	Galvanic zinc-plated	1x Self-drill screw S-MD53Z 5,5X50	250 pc	413444
S-MD53Z 6,3x25	16 mm	Carbon steel	Galvanic zinc-plated	1x Self-drill screw S-MD53Z 6,3X25	500 pc	413446

## Self-drilling screw, 16 mm washer (carbon steel) S-MD55GZ



### KEY APPLICATIONS & ADVANTAGES

- Fastening sheet metal to thick, hot-rolled steel beams, with or without intermediate insulation layer
- Watertight joints
- Fast and robust drill tip featuring Racing Tip technology
- Perfectly sealed fastening points



Ordering designation	Washer size	Base materials	Corrosion protection	Package contents	Sales pack quantity	Item number
S-MD55GZ 5,5x40	16 mm	Carbon steel	Galvanic zinc-plated	1x Self-drill screw S-MD55GZ 5,5x40	250 pc	2054489
S-MD55GZ 5,5x52	16 mm	Carbon steel	Galvanic zinc-plated	1x Self-drill screw S-MD55GZ 5,5x52	250 pc	2054830
S-MD55GZ 5,5x65	16 mm	Carbon steel	Galvanic zinc-plated	1x Self-drill screw S-MD55GZ 5,5x65	100 pc	2054831

## Drywall screwdriver SD 5000



### KEY APPLICATIONS & ADVANTAGES

- Fastening drywall board(s) to metal or wood framing on walls and ceilings
- Fastening metal tracks to metal tracks (framing)
- Fastening particle board (chipboard) to wood framing
- Convenient and easy to operate with excellent working comfort
- Two tools in one - ready for magazine operation in a flash

### Technical data

<b>A-weighted emission sound power level<sup>1)</sup></b>	98 dB (A)
<b>Max. torque</b>	10 Nm
<b>Dimensions (LxWxH)</b>	275 x 77 x 170 mm
<b>Weight according to EPTA Procedure 01/2003</b>	1.4 kg
<b>Uncertainty for the given sound level<sup>1)</sup></b>	3 dB (A)
<b>Supply cord length</b>	5000 mm
<b>A-weighted emission sound pressure level<sup>1)</sup></b>	87 dB (A)
<b>Approvals</b>	CB – certificate, EMC - Report, EN 55014 / EN 61000, IEC 60745 / EN 60745, NTR – report (Notification of Test Results)
<b>Chuck type</b>	1/4 in hexagon socket
<b>Control switch lock</b>	Yes

<sup>1)</sup> according to EN 60745

Ordering designation	Package contents	Sales pack quantity	Item number
SD 5000 230V	1x Drywall screwdriver SD 5000 230V, 1x Bit holder S-BH M 50/2", 1x Driver bit S-B PH2 25/1" IF	1 pc	2020310

## Cordless drywall screwdriver SD 5000-A22



**CPC**

### KEY APPLICATIONS & ADVANTAGES

- Fastening drywall boards to metal or wood framing on walls and ceilings
- Fastening metal track to metal track (framing)
- Fastening particle board (chipboard) to wood framing
- With the speed and power of a corded tool: speed 5000/min, torque 9.5Nm
- High battery capacity and very short charging time: 21.6V/3.3 Ah lithium-ion battery featuring Hilti Cordless Power Care (CPC)

### Technical data

<b>A-weighted emission sound power level<sup>1)</sup></b>	82 dB (A)
<b>Max. torque</b>	10 Nm
<b>Dimensions (LxWxH)</b>	253 x 99 x 235 mm
<b>Weight according to EPTA Procedure 01/2003</b>	2.1 kg
<b>Uncertainty for the given sound level<sup>1)</sup></b>	3 dB (A)
<b>A-weighted emission sound pressure level<sup>1)</sup></b>	71 dB (A)
<b>Approvals</b>	CB – certificate, EMC - Report, EN 55014 / EN 61000, IEC 60745 / EN 60745, NTR – report (Notification of Test Results)
<b>Battery type</b>	Li-ion
<b>Chuck type</b>	1/4 in hexagon socket
<b>Control switch lock</b>	Yes

<sup>1)</sup> according to EN 60745

Ordering designation	Package contents	Sales pack quantity	Item number
SD 5000-A22 box	1x Cordl. dryw. screwdriver SD 5000-A22, 1x Driver bit S-B PH2 25/1" IF, 1x Bit holder S-BH M 50/2"	1 pc	403196

## Screw magazine SMD 57



### KEY APPLICATIONS & ADVANTAGES



- Suitable for all drywall screwdriving applications
- Fastening drywall boards to metal or timber framing
- Fastening wood boards to metal or timber framing
- Hassle-free working – no blockages and no lost screws
- With the SMD 57, screws can be driven at twice the speed of single screws

### Technical data

<b>Magazine capacity</b>	50
<b>Screw length - min.</b>	9 mm
<b>Screw length - max.</b>	57 mm
<b>Screw-in depth</b>	Infinitely adjustable
<b>Length - L</b>	180 mm
<b>Weight</b>	0.33 kg

Ordering designation	Contact force	Package contents	Sales pack quantity	Item number
Screw magazine SMD 57	0 kN	1x Screw magazine SMD 57	1 pc	<b>281297</b>

### Accessories for Drywall Screwdrivers

Ordering designation				Sales pack quantity	Item number
	SD 5000-A22	SD 5000	SMD 57		
Battery charger C 4/36-350 230V box		■		1 pc	<b>2028875</b>
Battery charger C 4/36-90 230V box		■		1 pc	<b>2015761</b>
Battery pack B 22/1,6 Li-Ion		■		1 pc	<b>426177</b>
Battery pack B 22/3,3 Li-Ion		■		1 pc	<b>2007431</b>
Extension tube SME assy			■	1 pc	<b>304495</b>
Screw magazine SMD 57	■	■		1 pc	<b>281297</b>

## Drywall screw (stitch/fine/bugle) S-DS 01 B

Ordering designation	Length	Base materials	Screw diameter d	Screw type	Sales pack quantity	Item number
S-DS01B 3,5x25	25 mm	Metal	3.5 mm	Drywall	1000 pc	2007245
S-DS01B 3,5x41	41 mm	Metal	3.5 mm	Drywall	1000 pc	2007247
S-DS01B 3,5x45	45 mm	Metal	3.5 mm	Drywall	1000 pc	2007248
S-DS01B 4,2x70	70 mm	Metal	4.2 mm	Drywall	300 pc	2007710



## Collated drywall screw (stitch/coarse/bugle) S-DS 03 B M

Ordering designation	Length	Base materials	Screw diameter d	Screw type	Sales pack quantity	Item number
S-DS03B 4,0x35 M	35 mm	Wood	4 mm	Drywall	1000 pc	2007794
S-DS03B 4,0x45 M	45 mm	Wood	4 mm	Drywall	1000 pc	2007795



## Collated fibreboard screw (stitch/fine/countersunk) S-DS 14 B M

Ordering designation	Length	Base materials	Screw diameter d	Screw type	Sales pack quantity	Item number
S-DS14B 4,0x30 M	30 mm	Metal, Wood	4 mm	Fibreboard screw	1000 pc	2007806



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## Collated drywall screw (stitch/fine/bugle) S-DS 01 B M

Ordering designation	Length	Base materials	Screw diameter d	Screw type	Sales pack quantity	Item number
S-DS01B 3,5x25 M	25 mm	Metal	3.5 mm	Drywall	1000 pc	2007779
S-DS01B 3,5x35 M	35 mm	Metal	3.5 mm	Drywall	1000 pc	2007780
S-DS01B 3,5x41 M	41 mm	Metal	3.5 mm	Drywall	1000 pc	2007781



## Collated drywall screw (drill/fine/bugle) S-DD 01 B M

Ordering designation	Length	Base materials	Screw diameter d	Sales pack quantity	Item number
S-DD01B 3,5x25 M	25 mm	Metal	3.5 mm	1000 pc	2007597
S-DD01B 3,5x35 M	35 mm	Metal	3.5 mm	1000 pc	2007598
S-DD01B 3,5x41 M	41 mm	Metal	3.5 mm	1000 pc	2007599



## Drywall screw (drill/fine/bugle) S-DD 01 B

Ordering designation	Length	Base materials	Screw diameter d	Screw type	Sales pack quantity	Item number
S-DD01B 3,5x25	25 mm	Metal	3.5 mm	Drywall	1000 pc	2007752
S-DD01B 3,5x35	35 mm	Metal	3.5 mm	Drywall	1000 pc	2007753
S-DD01B 3,5x45	45 mm	Metal	3.5 mm	Drywall	1000 pc	2007754





## Interior metal framing screw (drill/pan) S-DD 02 Z

Ordering designation	Length	Base materials	Screw diameter d	Screw type	Sales pack quantity	Item number
S-DD02Z 3,9x11	11 mm	Metal	3.9 mm	Interior framing	2000 pc	289494



## Interior metal framing screw (drill/wafer) S-DD 03 Z

Ordering designation	Length	Base materials	Screw diameter d	Screw type	Sales pack quantity	Item number
S-DD03Z 4,2x13	13 mm	Metal	4.2 mm	Interior framing	1000 pc	386638
S-DD03Z 4,2x25	25 mm	Metal	4.2 mm	Interior framing	1000 pc	386639



## Torsion bit sets S-BS (T)

Ordering designation	Length - L	Weight	Sales pack quantity	Item number
S-BSC+ UNI 25/1" T (10)	25 mm	0.13 kg	1 pc	2039186
S-BSC UNI 50/2" T (6) Bulk	50 mm	0.09 kg	1 pc	2057803



## Magnetic bit holder S-BH (M)

Ordering designation	Length - L	Weight	Package contents	Sales pack quantity	Item number
S-BH M 50/2"	50 mm	0.03 kg	1x Bit holder S-BH M 50	1 pc	2038758
S-BH 75 1/4" M	75 mm	0.04 kg	1x Bit holder S-BH 75 M	1 pc	257258



## Quick-change bit holder S-BH (QC)

Ordering designation	Length - L	Weight	Package contents	Sales pack quantity	Item number
S-BH QC 50/2"	50 mm	0.04 kg	1x Bit holder S-BH QC 50	1 pc	2039217
S-BH QC 75/3" SDS	75 mm	0.06 kg	1x Bit holder S-BH QC 75 SDS	1 pc	2039218



## Torsion screwdriver bits S-B (T)

Ordering designation	Length - L	Weight	Package contents	Sales pack quantity	Item number
S-B PH2 25/1" T (10)	25 mm	0.01 kg	1x Driver bit S-B PH2 25 T	10 pc	2038979
S-B PH3 25/1" T (10)	25 mm	0.01 kg	1x Driver bit S-B PH3 25 T	10 pc	2039039
S-B PZ1 25/1" T (10)	25 mm	0 kg	1x Driver bit S-B PZ1 25 T	10 pc	2039044
S-B PZ2 25/1" T (10)	25 mm	0.01 kg	1x Driver bit S-B PZ2 25 T	10 pc	2039047
S-B PZ3 25/1" T (10)	25 mm	0.01 kg	1x Driver bit S-B PZ3 25 T	10 pc	2039051



## System screwdriver bits S-SY B



Ordering designation	Length - L	Weight	Package contents	Sales pack quantity	Item number
S-SY TX140 25/1" S (10)	25 mm	0.01 kg	1x Driver bit S-SY TX140 25 S	10 pc	2039158
S-SY TX45 35 HUS (5)	35 mm	0.02 kg		5 pc	2094673
S-SY TX50 35 HUS (5)	35 mm	0.02 kg		5 pc	2094675
S-SY PH2 116/4 1/2" (10)	116 mm	0.03 kg	1x Driver bit S-SY PH2 116	10 pc	2039152



## Hand screwdriver S-SD



Accessories for Screwdriver Bits and Sockets

Ordering designation		S-NS (C)	Sales pack quantity	Item number
Screw guide ST-SG 5.5		■	1 pc	407521
Screw guide ST-SG 6.5		■	1 pc	425545

Socket S-NS (C)

Ordering designation	Length - L	Weight	Package contents	Sales pack quantity	Item number
S-NS 13 C 95/3 3/4"				1 pc	2149244
S-NS 15 C 95/3 3/4"				1 pc	2149245
S-NS 3/8" C 50/2"	50 mm	0.04 kg	1x Nut setter S-NS 3/8"C 50	1 pc	2039250
S-NS 7 C 50/2"	50 mm	0.03 kg	1x Nut setter S-NS 7C 50	1 pc	2039243
S-NS 8 C 50/2"	50 mm	0.04 kg	1x Nut setter S-NS 8C 50	1 pc	2039244
S-NS 10 C 50/2"	50 mm	0.04 kg	1x Nut setter S-NS 10C 50	1 pc	2039245

