

Battery-powered screwdriver - SF-ASD 16



1200294

<https://www.phoenixcontact.com/us/products/1200294>

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Cordless screwdriver, incl. battery, two-speed gearbox, forward/reverse running and 16-stage clutch up to 450 rpm, hexagonal quick connection.

Your advantages

- 3.6 V
- Cordless screwdriver with two-speed gearbox, forward/reverse running and 16-stage clutch with drilling speed of up to 450 rpm
- Adjustable from 0.2 ... 4.3 Nm
- Comfortable one-handed operation in a straight or angled position
- 6.3 mm hexagonal fast connection drill chuck
- Compact design

Commercial Data

Item number	1200294
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	B26
Product Key	BH3243
Catalog Page	Page 454 (C-3-2019)
GTIN	4055626666426
Weight per Piece (including packing)	565 g
Weight per Piece (excluding packing)	465 g
Customs tariff number	84672920
Country of origin	TW

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Technical Data

Notes

General	packed in cardboard
Environmental Product Compliance	
California Proposition 65	Further information on California's prop. 65 is available under "Downloads" in the manufacturer's declaration

Product properties

Product type	Torque tool
Battery-operated voltage	3.6 V
Battery charging	60 min.

Insulation characteristics

Protection class	II
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Electrical properties

Power consumption	7.2 W
Nominal voltage U_N	3.6 V DC
Nominal voltage U_N	3.6 V DC

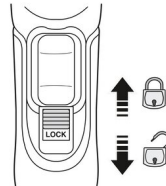
Battery

Battery charging	60 min.
Battery-operated voltage	3.6 V DC
Battery capacity	2.00 Ah

Connection data

Torque range	0.2 Nm ... 4.3 Nm
Output	Universal, replaceable

Dimensions

Dimensional drawing	
Width	45 mm
Height	172 mm
Length	266 mm

Environmental and real-life conditions

Ambient conditions

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Ambient temperature (operation)	5 °C ... 40 °C
Ambient temperature (storage/transport)	-25 °C ... 60 °C
Permissible humidity (operation)	95 % (<)

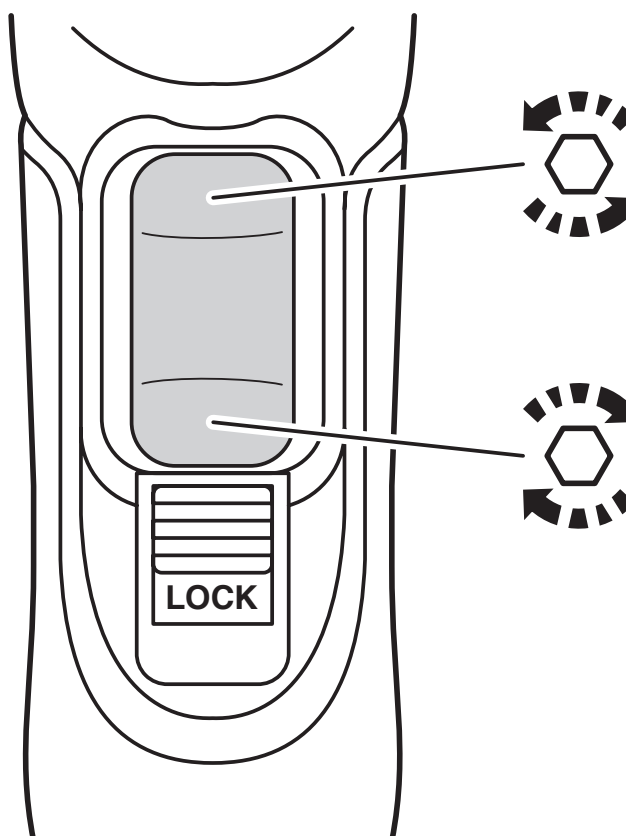
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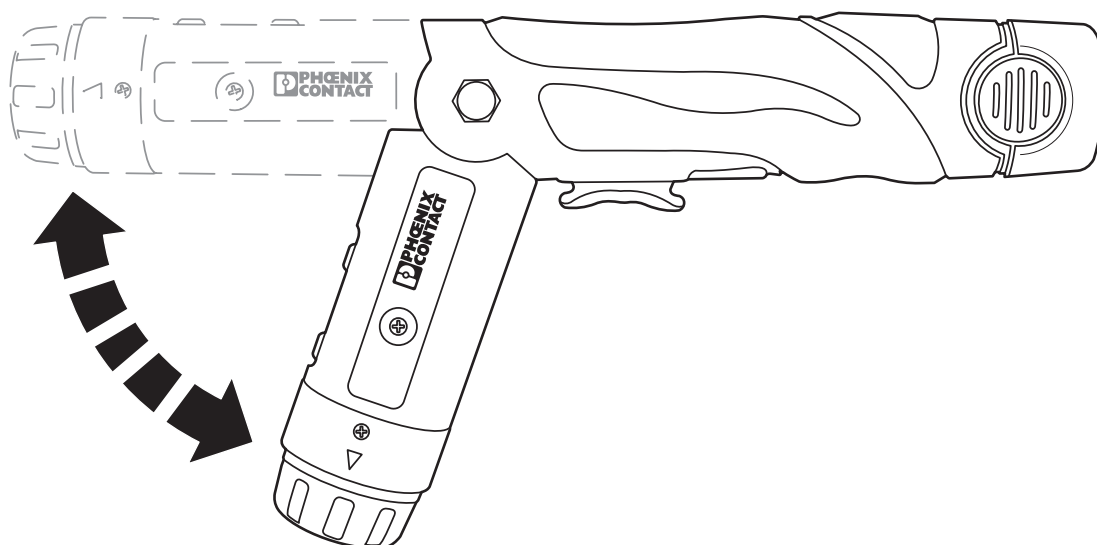
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Drawings

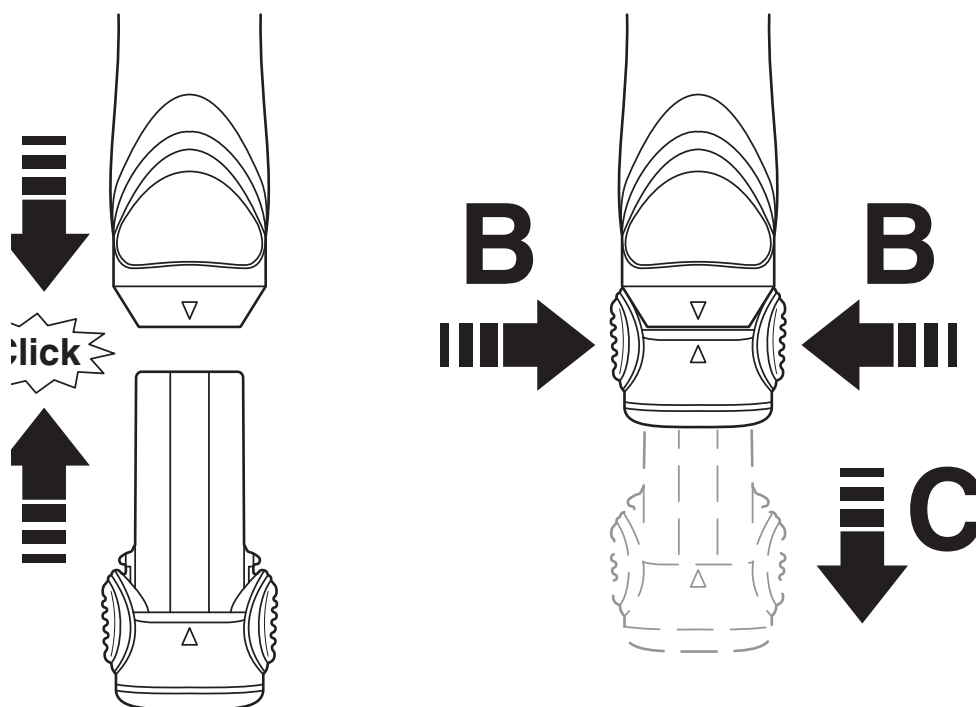
Schematic diagram



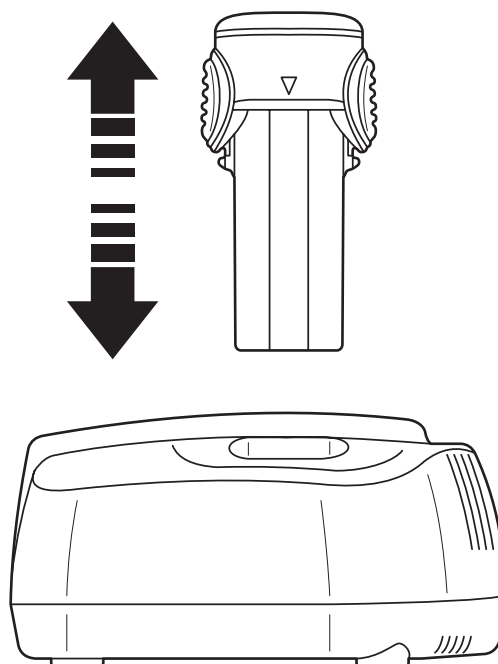
Schematic diagram



Schematic diagram



Schematic diagram



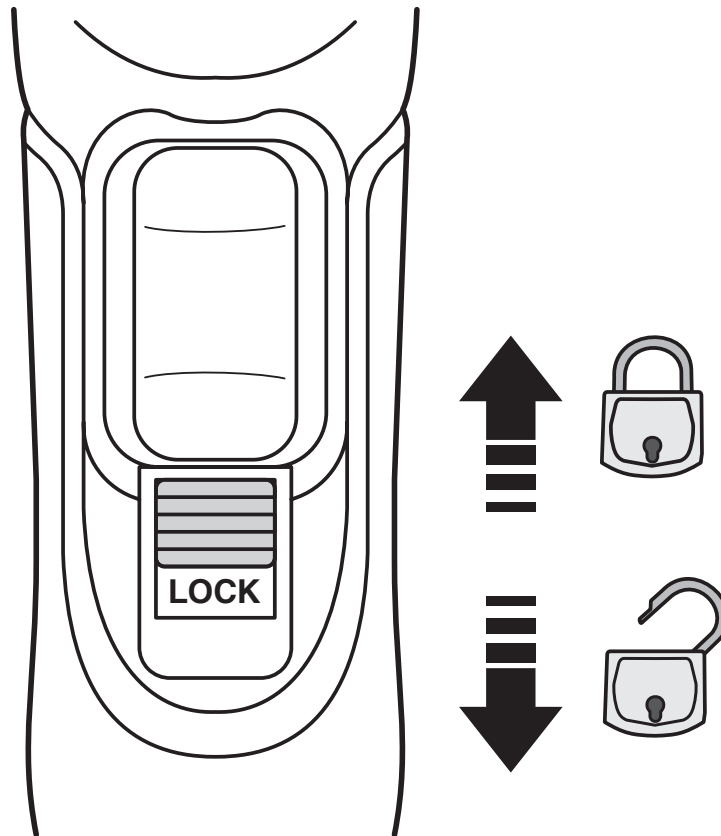
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Dimensional drawing



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Approvals



EAC

Approval ID: RU C-DE.BE02.B.03066

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Classifications

ECLASS

ECLASS-9.0	21052190
ECLASS-10.0.1	21052190
ECLASS-11.0	21052190

ETIM

ETIM 8.0	EC001395
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UNSPSC

UNSPSC 21.0	27111700
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 5
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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Accessories

Charger

Charger - SF-ASD 16/CHARGER - 1200296

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Charger, for 100 ... 240 V mains voltage, recognition of battery and parameter check, rapid charging, short-circuit resistant, polarized, operating mode display



Battery module

Battery module - SF-ASD 16/ACCU 2,0 AH - 1314530

<https://www.phoenixcontact.com/us/products/1314530>

Replacement battery, 2.0 Ah, lithium-ion, 3.6 V, for SF-ASD 16 cordless screwdriver



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Adapter insert

Adapter insert - SF-UBH - 1212590

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Universal bit holder, E6.3-1/4" drive, with automatic locking, one-hand operation, magnetic, suitable for bits according to DIN 3126 C6.3 and E6.3

Screw insert

Screw insert - SF-BIT-HEX 2,5-50 - 1212646

<https://www.phoenixcontact.com/us/products/1212646>



Screw bit, hexagon, E6.3-1/4" drive, size: Hex 2.5 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

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Screw insert

Screw insert - SF-BIT-HEX 2,5-89 S - 1200301

<https://www.phoenixcontact.com/us/products/1200301>



Screw bit, hexagon, E6.3-1/4" drive, size: Hex 2.5 x 89 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

Screw insert

Screw insert - SF-BIT-HEX 2-50 - 1212645

<https://www.phoenixcontact.com/us/products/1212645>



Screw bit, hexagon, E6.3-1/4" drive, size: Hex 2 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

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Screw insert

Screw insert - SF-BIT-HEX 2-89 S - 1200300

<https://www.phoenixcontact.com/us/products/1200300>



Screw bit, hexagon, E6.3-1/4" drive, size: Hex 2 x 89 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

Screw insert

Screw insert - SF-BIT-HEX 3-50 - 1212647

<https://www.phoenixcontact.com/us/products/1212647>



Screw bit, hexagon, E6.3-1/4" drive, size: Hex 3 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

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Screw insert

Screw insert - SF-BIT-HEX 4-50 - 1212648

<https://www.phoenixcontact.com/us/products/1212648>



Screw bit, hexagon, E6.3-1/4" drive, size: Hex 4 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

Screw insert

Screw insert - SF-BIT-HEX 4-89 S - 1200302

<https://www.phoenixcontact.com/us/products/1200302>



Screw bit, hexagon, E6.3-1/4" drive, size: Hex 4 x 89 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

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Screw insert

Screw insert - SF-BIT-HEX 5-50 - 1212649

<https://www.phoenixcontact.com/us/products/1212649>



Screw bit, hexagon, E6.3-1/4" drive, size: Hex 5 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

Screw insert

Screw insert - SF-BIT-HEX 5-89 S - 1200303

<https://www.phoenixcontact.com/us/products/1200303>



Screw bit, hexagon, E6.3-1/4" drive, size: Hex 5 x 89 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

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Screw insert

Screw insert - SF-BIT-HEX 6-50 - 1212650

<https://www.phoenixcontact.com/us/products/1212650>



Screw bit, hexagon, E6.3-1/4" drive, size: Hex 6 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

Screw insert

Screw insert - SF-BIT-HEX 8-50 - 1212651

<https://www.phoenixcontact.com/us/products/1212651>



Screw bit, hexagon, E6.3-1/4" drive, size: Hex 8 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

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Screw insert

Screw insert - SF-BIT-PH 1-50 - 1212579

<https://www.phoenixcontact.com/us/products/1212579>



Screw bit, PH cross, E6.3-1/4" drive, Size: Ph 1 x 50 mm, hardened, suitable for holders as per DIN 3126-F 6.3 / ISO 1173

Screw insert

Screw insert - SF-BIT-PH 2-50 - 1212580

<https://www.phoenixcontact.com/us/products/1212580>



Screw bit, PH cross, E6.3-1/4" drive, size: PH 2 x 50 mm, hardened, suitable for holders as per DIN 3126-F 6.3 / ISO 1173

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Screw insert

Screw insert - SF-BIT-PH 3-50 - 1212581

<https://www.phoenixcontact.com/us/products/1212581>



Screw bit, PH crosshead, E6.3-1/4" drive, size: PH 3 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

Screw insert

Screw insert - SF-BIT-PH 1-70 - 1212582

<https://www.phoenixcontact.com/us/products/1212582>



Screw bit, PH crosshead, E6.3-1/4" drive, size: PH 1 x 70 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

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<https://www.phoenixcontact.com/us/products/1200294>

Screw insert

Screw insert - SF-BIT-PH 2-70 - 1212583

<https://www.phoenixcontact.com/us/products/1212583>



Screw bit, PH crosshead, E6.3-1/4" drive, size: PH 2 x 70 mm, suitable for holder according to DIN 3126-F6.3/ISO 1173

Screw insert

Screw insert - SF-BIT-PH 3-70 - 1212584

<https://www.phoenixcontact.com/us/products/1212584>



Screw bit, PH crosshead, E6.3-1/4" drive, size: PH 3 x 70 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

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<https://www.phoenixcontact.com/us/products/1200294>

Screw insert

Screw insert - SF-BIT-PHSL 1-70 - 1212479

<https://www.phoenixcontact.com/us/products/1212479>



Screw bit, positive/negative PH/bladed, E6.3-1/4" drive, size: PH 1 x 70 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

Screw insert

Screw insert - SF-BIT-PHSL 2-70 - 1212601

<https://www.phoenixcontact.com/us/products/1212601>



Screw bit, positive/negative PH/bladed, E6.3-1/4" drive, size: PH 2 x 70 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1174

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Screw insert

Screw insert - SF-BIT-PZ 1-50 - 1212591

<https://www.phoenixcontact.com/us/products/1212591>



Screw bit, PZ crosshead, E6.3-1/4" drive, size: PZ 1 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

Screw insert

Screw insert - SF-BIT-PZ 2-50 - 1212592

<https://www.phoenixcontact.com/us/products/1212592>



Screw bit, PZ crosshead, E6.3-1/4" drive, size: PZ 2 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

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Screw insert

Screw insert - SF-BIT-PZ 3-50 - 1212593

<https://www.phoenixcontact.com/us/products/1212593>



Screw bit, PZ crosshead, E6.3-1/4" drive, size: PZ 3 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

Screw insert

Screw insert - SF-BIT-PZ 1-70 - 1212594

<https://www.phoenixcontact.com/us/products/1212594>



Screw bit, PZ crosshead, E6.3-1/4" drive, size: PZ 1 x 70 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

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Screw insert

Screw insert - SF-BIT-PZ 2-70 - 1212595

<https://www.phoenixcontact.com/us/products/1212595>



Screw bit, PZ crosshead, E6.3-1/4" drive, size: PZ 2 x 70 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

Screw insert

Screw insert - SF-BIT-PZ 3-70 - 1212596

<https://www.phoenixcontact.com/us/products/1212596>



Screw bit, PZ crosshead, E6.3-1/4" drive, size: PZ 3 x 70 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

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<https://www.phoenixcontact.com/us/products/1200294>

Screw insert

Screw insert - SF-BIT-PZSL 1-70 - 1212603

<https://www.phoenixcontact.com/us/products/1212603>



Screw bit, positive/negative PZ/bladed, E6.3-1/4" drive, size: PZ 1 x 70 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

Screw insert

Screw insert - SF-BIT-PZSL 2-70 - 1212604

<https://www.phoenixcontact.com/us/products/1212604>



Screw bit, positive/negative PZ/bladed, E6.3-1/4" drive, size: PZ 2 x 70 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

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<https://www.phoenixcontact.com/us/products/1200294>

Screw insert

Screw insert - SF-BIT-SL 0,45X2,4-70 - 1212607

<https://www.phoenixcontact.com/us/products/1212607>



Screw bit, slotted, E6.3-1/4" drive, size: 0.45 x 2.4 x 70 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

Screw insert

Screw insert - SF-BIT-SL 0,5X3,0-50 - 1212566

<https://www.phoenixcontact.com/us/products/1212566>



Screw bit, bladed, E6.3-1/4" drive, size: 0.5 x 3.0 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

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Screw insert

Screw insert - SF-BIT-SL 0,5X3,0-70 - 1212567

<https://www.phoenixcontact.com/us/products/1212567>



Screw bit, bladed, E6.3-1/4" drive, size: 0.5 x 3.0 x 70 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

Screw insert

Screw insert - SF-BIT-SL 0,6X3,5-50 - 1212568

<https://www.phoenixcontact.com/us/products/1212568>



Screw bit, bladed, E6.3-1/4" drive, size: 0.6 x 3.5 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

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Screw insert

Screw insert - SF-BIT-SL 0,6X3,5-70 - 1212569

<https://www.phoenixcontact.com/us/products/1212569>



Screw bit, slot, E6.3-1/4" drive, Size: 0.6 x 3.5 x 70 mm, hardened, suitable for holders as per DIN 3126-F 6.3 / ISO 1173

Screw insert

Screw insert - SF-BIT-SL 0,8X4,0-50 - 1212571

<https://www.phoenixcontact.com/us/products/1212571>



Screw bit, bladed, E6.3-1/4" drive, size: 0.8 x 4.0 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

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Screw insert

Screw insert - SF-BIT-SL 0,8X4,0-70 - 1212572

<https://www.phoenixcontact.com/us/products/1212572>



Screw bit, bladed, E6.3-1/4" drive, size: 0.8 x 4.0 x 70 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

Screw insert

Screw insert - SF-BIT-SL 1,0X5,5-50 - 1212574

<https://www.phoenixcontact.com/us/products/1212574>



Screw bit, slot, E6.3-1/4" drive, Size: 1.0 x 5.5 x 50 mm, hardened, suitable for holders as per DIN 3126-F 6.3 / ISO 1173

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Screw insert

Screw insert - SF-BIT-SL 1,0X4,0-70 - 1212754

<https://www.phoenixcontact.com/us/products/1212754>



Screw bit, slotted, E6.3-1/4" drive, size: 1 mm x 4 mm x 70 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

Screw insert

Screw insert - SF-BIT-SL 1,0X5,5-70 - 1212575

<https://www.phoenixcontact.com/us/products/1212575>



Screw bit, bladed, E6.3-1/4" drive, size: 1.0 x 5.5 x 70 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

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Screw insert

Screw insert - SF-BIT-SL 1,2X6,5-70 - 1212577

<https://www.phoenixcontact.com/us/products/1212577>



Screw bit, bladed, E6.3-1/4" drive, size: 1.2 x 6.5 x 70 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

Screw insert

Screw insert - SF-BIT-SLS 0,6X3,5-50 - 1212605

<https://www.phoenixcontact.com/us/products/1212605>



Screw bit, bladed, graded, E6.3-1/4" drive, for test socket screws, size: 0.6 x 3.5 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

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Screw insert

Screw insert - SF-BIT-SLS 0,9X6,5-50 - 1212606

<https://www.phoenixcontact.com/us/products/1212606>



Screw bit, bladed, graded, E6.3-1/4" drive, for test socket screws, size: 0.9 x 6.5 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

Screw insert

Screw insert - SF-BIT-TX 10-50 - 1212573

<https://www.phoenixcontact.com/us/products/1212573>



Screw bit, Torx[®], E6.3-1/4" drive, size: TX 10 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

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Screw insert

Screw insert - SF-BIT-TX 15-50 - 1212576

<https://www.phoenixcontact.com/us/products/1212576>



Screw bit, Torx[®], E6.3-1/4" drive, size: TX 15 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

Screw insert

Screw insert - SF-BIT-TX 20-50 - 1212578

<https://www.phoenixcontact.com/us/products/1212578>



Screw bit, Torx[®], E6.3-1/4" drive, size: TX 20 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

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Screw insert

Screw insert - SF-BIT-TX 25-50 - 1212585

<https://www.phoenixcontact.com/us/products/1212585>



Screw bit, Torx[®], E6.3-1/4" drive, size: TX 25 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

Screw insert

Screw insert - SF-BIT-TX 30-50 - 1212586

<https://www.phoenixcontact.com/us/products/1212586>



Screw bit, Torx[®], E6.3-1/4" drive, size: TX 30 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

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Screw insert

Screw insert - SF-BIT-TX 40-50 - 1200161

<https://www.phoenixcontact.com/us/products/1200161>



Screw bit, Torx[®], E6.3-1/4" drive, size: TX 40 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

Screw insert

Screw insert - SF-BIT-TX 8-50 - 1212570

<https://www.phoenixcontact.com/us/products/1212570>



Screw bit, Torx[®], E6.3-1/4" drive, size: TX 8 x 50 mm, hardened, suitable for holder according to DIN 3126-F6.3/ISO 1173

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Screw insert

Screw insert - SF-BIT-HEXB 5-89 - 1208911

<https://www.phoenixcontact.com/us/products/1208911>



Screw bit, hexagonal with ball head, E6.3-1/4" drive, size: Hex 5 x 89 mm, hardened, suitable for holder according to DIN 3126-F 6.3/ISO 1173

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