



# TOOL fox

Cordless screwdriver SF-ASD 16

# The versatile cordless screwdrivers

You can set the new cordless screwdriver in a straight or angled position, even in confined spaces. The two-level, 16-stage-each, torque settings make the tool suitable for a variety of screw applications in the range of 1.06 to 38.32 inch-pounds (0.12 - 4.33 Nm) – comfortable, well-balanced, and reliable.

## Universal

For accommodating 6.3 mm bits for all standard applications

## Ergonomic

Comfortable, one-handed operation in a straight or angled position

## Safe

Will not slip in the hand due to the soft plastic areas in the handle

## Powerful

The high-powered battery enables a large number of screw applications per charging cycle

## Comfortable

Perfectly balanced and compact design

## Robust

High-quality materials and precise manufacturing

## Durable

With the charger, the high-quality Li-ion battery is fully charged and ready for use in one hour and without affecting the memory



# SF-ASD 16: The torque screwdriver with flexibility



## Two positions

Use the cordless screwdriver in a straight or angled position, and then adjust it to the specific application.



## Bits for every application

With a large selection of different bits, the SF-ASD 16 is the right tool for the widest range of screw applications.



## Two speeds

You can conveniently switch between the two speeds of the cordless screwdriver via a switch on the upper side.



## Easy direction change

Change the direction of rotation conveniently via the toggle switch on the handle of the cordless screwdriver.








## Adjustable torque

The 32-stage (16 in low, 16 in high) adaptability ensures reliable, convenient torque settings.



## Secure lock function

A switch on the handle of the SF-ASD 16 guarantees that the cordless screwdriver is only activated when you want to use it.

|   |   |   |  |   |
|---|---|---|--|---|
|  Web code: #1758 |  |  |  |  |
| <b>Description</b>  | <b>Cordless screwdriver set</b>   | <b>Cordless screwdriver</b>   | <b>Charger</b>   | <b>Battery</b>  |
| <b>Type</b>   | SF-ASD 16 SET   | SF-ASD 16   | SF-ASD 16/CHARGER  | SF-ASD 16/ACCU 1,5 AH   |
| <b>Order No.</b>  | 1200295   | 1200294   | 1200296  | 1200297   |



| Torque-adjustment ring inch-pounds* |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |        |
|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|
| Setting                             | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13    | 14    | 15    | Symbol |
| <b>Speed 1 (RPM 220)</b>            | 1.15 | 1.86 | 2.48 | 3.19 | 3.89 | 4.60 | 5.31 | 6.02 | 6.64 | 7.35 | 8.05 | 0.99 | 9.47  | 10.27 | 11.06 | 38.32  |
| <b>Speed 2 (RPM 450)</b>            | 1.06 | 1.86 | 2.57 | 3.36 | 4.16 | 4.96 | 5.75 | 6.55 | 7.26 | 8.05 | 8.85 | 9.65 | 10.44 | 11.33 | 12.21 | 24.25  |

| Torque-adjustment ring Newton meter* |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |        |
|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| Setting                              | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 11   | 12   | 13   | 14   | 15   | Symbol |
| <b>Speed 1 (RPM 220)</b>             | 0.13 | 0.21 | 0.28 | 0.36 | 0.44 | 0.52 | 0.60 | 0.68 | 0.75 | 0.83 | 0.91 | 0.99 | 1.07 | 1.16 | 1.25 | 4.33   |
| <b>Speed 2 (RPM 450)</b>             | 0.12 | 0.21 | 0.29 | 0.38 | 0.47 | 0.56 | 0.65 | 0.74 | 0.82 | 0.91 | 1.00 | 1.09 | 1.18 | 1.28 | 1.38 | 2.74   |

\* Depending on how the operator uses the cordless screwdriver, the tolerance could be up to +/-20 percent.

# Cordless screwdriver SF-ASD 16 - Bits

## SCREWFOX tool inserts for cordless screwdriver and bit holder

– Optimum edge geometries increase the bearing surface and prevent the screws from being over-tightened

### Notes:

Pozidriv®/Supadriv®, trademarks of European Ind. Serv. Ltd. Phillips Recess®, trademark of Phillips Screw Company Torx®, trademark of Acument Intellectual Properties, LLC, Troy, Mich., US



Screw bit, slotted



Screw bit, PH and PZ cross-recessed

| Ordering data  |        |                       |           |           | Ordering data          |           |           |
|--|--------|-----------------------|-----------|-----------|------------------------|-----------|-----------|
| Description  | Color  | Type                  | Order No. | Pcs./Pkt. | Type                   | Order No. | Pcs./Pkt. |
| Screw bit, slotted, E6.3-1/4 inch drive, hardened, suitable for holder according to DIN 3126-F 6.3/ISO 1173                                    |        |                       |           |           |                        |           |           |
| Size: 0.45 x 2.4 x 70 mm   |        | SF-BIT-SL 0,45X2,4-70 | 1212607   | 5         |                        |           |           |
| Size: 0.5 x 3.0 x 50 mm  | Silver | SF-BIT-SL 0,5X3,0-50  | 1212566   | 5         |                        |           |           |
| Size: 0.5 x 3.0 x 70 mm  | Silver | SF-BIT-SL 0,5X3,0-70  | 1212567   | 5         |                        |           |           |
| Size: 0.6 x 3.5 x 50 mm  | Silver | SF-BIT-SL 0,6X3,5-50  | 1212568   | 5         |                        |           |           |
| Size: 0.6 x 3.5 x 70 mm  | Silver | SF-BIT-SL 0,6X3,5-70  | 1212569   | 5         |                        |           |           |
| Size: 0.8 x 4.0 x 50 mm  | Silver | SF-BIT-SL 0,8X4,0-50  | 1212571   | 5         |                        |           |           |
| Size: 0.8 x 4.0 x 70 mm  | Silver | SF-BIT-SL 0,8X4,0-70  | 1212572   | 5         |                        |           |           |
| Size: 1.0 X 4.0 x 70 mm  | Silver | SF-BIT-SL 1,0X4,0-70  | 1212754   | 5         |                        |           |           |
| Size: 1.0 x 5.5 x 50 mm  | Silver | SF-BIT-SL 1,0X5,5-50  | 1212574   | 5         |                        |           |           |
| Size: 1.0 x 5.5 x 70 mm  | Silver | SF-BIT-SL 1,0X5,5-70  | 1212575   | 5         |                        |           |           |
| Size: 1.2 x 6.5 x 70 mm  | Silver | SF-BIT-SL 1,2X6,5-70  | 1212577   | 5         |                        |           |           |
| Screw bit, PH cross, E6.3-1/4 inch drive, hardened, suitable for holder according to DIN 3126-F 6.3/ISO 1173                                   |        |                       |           |           |                        |           |           |
| Size: PH 1 x 50 mm   | Silver |                       |           |           | SF-BIT-PH 1-50         | 1212579   | 5         |
| Size: PH 2 x 50 mm   | Silver |                       |           |           | SF-BIT-PH 2-50         | 1212580   | 5         |
| Size: PH 3 x 50 mm   | Silver |                       |           |           | SF-BIT-PH 3-50         | 1212581   | 5         |
| Size: PH 1 x 70 mm   | Silver |                       |           |           | SF-BIT-PH 1-70         | 1212582   | 5         |
| Size: PH 2 x 70 mm   | Silver |                       |           |           | SF-BIT-PH 2-70         | 1212583   | 5         |
| Size: PH 3 x 70 mm   | Silver |                       |           |           | SF-BIT-PH 3-70         | 1212584   | 5         |
| Screw bit, PZ cross, E6.3-1/4 inch drive, hardened, suitable for holder according to DIN 3126-F 6.3/ISO 1173                                   |        |                       |           |           |                        |           |           |
| Size: PZ 1 x 50 mm   | Silver |                       |           |           | SF-BIT-PZ 1-50 1212591 | 5         |           |
| Size: PZ 2 x 50 mm   | Silver |                       |           |           | SF-BIT-PZ 2-50 1212592 | 5         |           |
| Size: PZ 3 x 50 mm   | Silver |                       |           |           | SF-BIT-PZ 3-50 1212593 | 5         |           |
| Size: PZ 1 x 70 mm   | Silver |                       |           |           | SF-BIT-PZ 1-70 1212594 | 5         |           |
| Size: PZ 2 x 70 mm   | Silver |                       |           |           | SF-BIT-PZ 2-70 1212595 | 5         |           |
| Size: PZ 3 x 70 mm   | Silver |                       |           |           | SF-BIT-PZ 3-70 1212596 | 5         |           |
| Screw bit, PZ/slotted plus/minus, E6.3-1/4 inch drive, hardened, suitable for holder according to DIN 3126-F 6.3/ISO 1173                      |        |                       |           |           |                        |           |           |
| Size: PZ 1 x 70 mm   | Silver |                       |           |           |                        |           |           |
| Size: PZ 2 x 70 mm   | Silver |                       |           |           |                        |           |           |
| Size: PH 1 x 70 mm   | Silver |                       |           |           |                        |           |           |
| Size: PH 2 x 70 mm   | Silver |                       |           |           |                        |           |           |
| Screw bit, Torx®, E6.3-1/4 inch drive, hardened, suitable for holder according to DIN 3126-F 6.3/ISO 1173                                      |        |                       |           |           |                        |           |           |
| Size: TX 8 x 50 mm   | Silver |                       |           |           |                        |           |           |
| Size: TX 10 x 50 mm  | Silver |                       |           |           |                        |           |           |
| Size: TX 15 x 50 mm  | Silver |                       |           |           |                        |           |           |
| Size: TX 20 x 50 mm  | Silver |                       |           |           |                        |           |           |
| Size: TX 25 x 50 mm  | Silver |                       |           |           |                        |           |           |
| Size: TX 30 x 50 mm  | Silver |                       |           |           |                        |           |           |
| Size: TX 40 x 50 mm  | Silver |                       |           |           |                        |           |           |
| Screw bit, hexagonal, E6.3-1/4 inch drive, hardened, suitable for holder according to DIN 3126-F 6.3/ISO 1173                                  |        |                       |           |           |                        |           |           |
| Size: hex 2.5 x 50 mm  | Silver |                       |           |           |                        |           |           |
| Screw bit, size: hex 3 x 50 mm   | Silver |                       |           |           |                        |           |           |
| Size: hex 4 x 50 mm  | Silver |                       |           |           |                        |           |           |
| Size: hex 5 x 50 mm  | Silver |                       |           |           |                        |           |           |
| Size: hex 6 x 50 mm  | Silver |                       |           |           |                        |           |           |
| Size: hex 8 x 50 mm  | Silver |                       |           |           |                        |           |           |
| Screw bit, slotted, graduated, E6.3-1/4 inch drive, for test socket screws, hardened, suitable for holder according to DIN 3126-F 6.3/ISO 1173 |        |                       |           |           |                        |           |           |
| Size: 0.6 x 3.5 x 50 mm  | Silver | SF-BIT-SLS 0,6X3,5-50 | 1212605   | 5         |                        |           |           |
| Size: 0.9 x 6.5 x 50 mm  | Silver | SF-BIT-SLS 0,9X6,5-50 | 1212606   | 5         |                        |           |           |



## Manual torque screwdrivers



- Torque screwdriver with hexagonal fast connection holder
- High-precision, infinitely adjustable torque screwdriver, in accordance with EN ISO 6789
- Optimum readability of the adjusted torques on the scale on the shaft
- Unlimited release torque
- TSD-M ... torque screwdrivers are adjustable from 0.3 to 6.0 Nm



Torque screwdrivers, 0.3-6.0 Nm, adjustable

### Ordering data

| Description                   | Color | Type        | Order No. | Pcs./Pkt. |
|-------------------------------|-------|-------------|-----------|-----------|
| Torque screwdriver            |       |             |           |           |
| Adjustable from 0.3 to 1.2 Nm | Black | TSD-M 1,2NM | 1212224   | 1         |
| Adjustable from 1.2 to 3 Nm   | Black | TSD-M 3NM   | 1212225   | 1         |
| Adjustable from 3 to 6 Nm     | Black | TSD-M 6NM   | 1212226   | 1         |

## Bit sets



- Bit set, in compact plastic box, with quick-change bit holder and the following 25 mm long bits: 0.8 x 5.5, 1.0 x 5.5, 1.2 x 6.5, PH1, PH2, PH3, PZ1, PZ2, PZ3
- Clearly arranged storage
- Bits can be accessed quickly thanks to convenient, one-handed opening mechanism
- Equipped with hardened bits for durability



Bit set, 10 pieces

### Ordering data

| Description  | Type       | Order No. | Pcs./Pkt. |
|--|------------|-----------|-----------|
| Bit set, with SF-UBH universal bit holder, 25 mm long slotted/cross-recessed (PZ and PH) bits, 10-part | SF-BIT SET | 1212545   | 1         |



- Bit screwdriver set, packed in a practical belt pouch
- Equipped with the most common types of screw bit



Bit screwdriver set, 17 pieces

### Ordering data

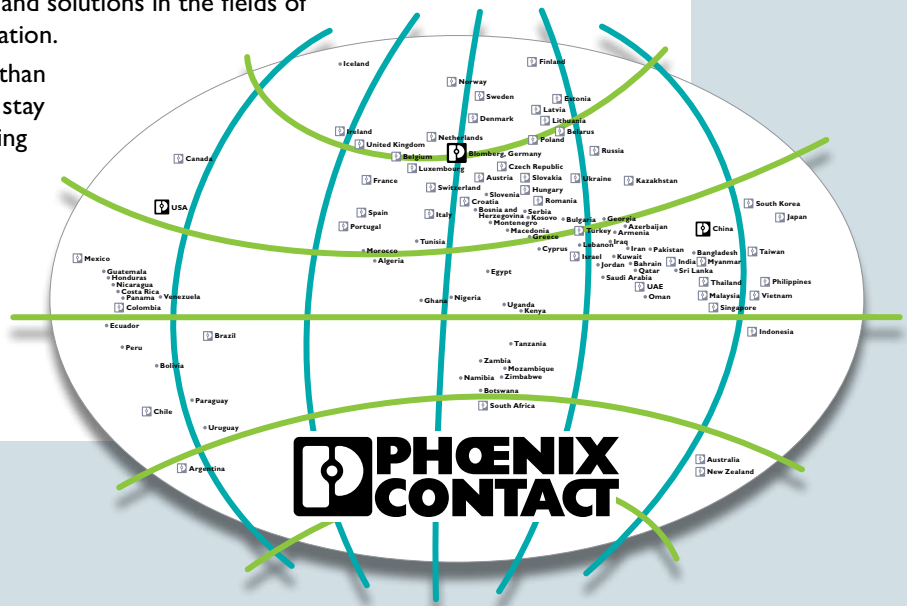
| Description  | Type       | Order No. | Pcs./Pkt. |
|--|------------|-----------|-----------|
| Bit screwdriver set with quick-action chuck, 89 mm long slotted/crosshead (PZ and PH)/hex/Torx® bits, 17-part, in folding belt pouch, contents: PH 1,2,3 x 89; PZ 1,2,3 x 89; SL 1.5 x 5.5 x 89; TX 10-30 x 89; SW 3,4,5,6 x 89                | SF-M SET   | 1212543   | 1         |
| Bit screwdriver set with quick-action chuck, 89 mm long slotted/crosshead/hex/Torx® bits, 17-piece, in folding belt pouch, contents: PH 1, 2, 3 x 89, SL 0.4 x 2.5, 0.6 x 3.5, 0.8 x 3.5, 1.0 x 5.5, 1.2 x 6.5 x 89, TX 10-30, SW 3, 4, 5 x 89 | SF-M SET 2 | 1212756   | 1         |



## Ongoing communication with customers and partners worldwide

Phoenix Contact is a global, market leader based in Germany. Our group is known for its future-oriented components, systems, and solutions in the fields of electrical engineering, electronics, and automation.

With a global network reaching across more than 100 countries and 14,500 employees, we can stay in close contact with our customers, something we believe is essential to success. The wide variety of our innovative products makes it easy for our customers to find future-oriented solutions for multiple applications and industries. We especially focus on the fields of energy, infrastructure, process, and factory automation.



You will find our complete product range at:  
[www.phoenixcontact.com](http://www.phoenixcontact.com)

### USA

PHOENIX CONTACT

P.O. Box 4100

Harrisburg, PA 17111-0100

Phone: 800-888-7388

717-944-1300

Technical Service: 800-322-3225

Fax: 717-944-1625

E-mail: [info@phoenixcon.com](mailto:info@phoenixcon.com)

Website: [www.phoenixcontact.com](http://www.phoenixcontact.com)

### Canada

PHOENIX CONTACT Ltd.

8240 Parkhill Drive

Milton, Ontario L9T 5V7

Toll Free: 800-890-2820

Phone: 905-864-8700

Fax: 905-864-7900

E-mail: [cdinfo@phoenixcontact.ca](mailto:cdinfo@phoenixcontact.ca)



INSPIRING INNOVATIONS

1076547-00-05.18

© 2018 PHOENIX CONTACT