

## Line Maintenance set 163 pcs.

### TCS 13214a WW

Product no. **97830802**  
GTIN **4018754196388**  
Model **TCS 13214a WW**



#### Label.

Tool assortment TCS 13214a WW 163 pcs.

#### Features.

- for maintenance on aircraft and helicopters
- 4x3/3 inserts for 4 drawers (no. TTS 98 PRO for 2 drawers)
- fits workbenches no. WB621, WB625; workshop trolleys no. TTS 93, TTS 95 PRO, TTS 98 PRO

#### 163-piece contents:

##### 96830885, TCS 13A/23 3/16-1 1/8

23 combination spanners **No. 13a**: 3/16; 13/64; 7/32; 15/64; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16; 19/32; 5/8; 11/16; 3/4; 25/32; 13/16; 7/8; 15/16; 1; 1 1/16; 1 1/8"

1 adjustable combination spanner **No. 4025**: max. 24 mm

##### 96830886, TCS 1/4+3/8+25AN

10 sockets 1/4" **No. 40aD**: 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"

10 sockets 1/4", long : **3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"**

5 articulated sockets 1/4" **No. 402a**: 1/4; 5/16; 3/8; 7/16; 1/2"

1 QuickRelease universal joint 1/4" **No. 407QR**: L.38 mm

2 QuickRelease extensions 1/4" **No. 408QR**: L.55 150 mm

1 Enlargement piece **No. 409M**: 3/8" external square 1/4" internal square

1 Plug-in handle 1/4" **No. 400**: L.150 mm

1 QuickRelease fine-tooth ratchet **No. 415QR N**: L.117 mm

1 Bit fine-tooth ratchet **No. 415SGB N**: L.117 mm

1 Bit holder 1/4" **No. 412**: L.25 mm

8 Sockets 3/8" **No. 45a**: 1/2; 9/16; 19/32; 5/8; 11/16; 3/4; 15/16; 1"

4 Sockets 3/8", long **No. 46a**: 5/8; 11/16; 3/4; 7/8"

2 QuickRelease extensions 3/8" **No. 426QR**: L.75 ; 240 mm

1 QuickRelease universal joint 3/8" **No. 428QR**: L.46 mm

1 Reducer **No. 431**: 1/4" external square 3/8" internal square

1 Enlargement piece **No. 432M**: 1/2" external square 3/8" internal square

1 QuickRelease crank 3/8" **No. 453QR**: L.408 mm

1 QuickRelease fine-tooth ratchet 3/8" **No. 435QR N**: L.193 mm

1 Bit holder 3/8" **No. 443**: L.32 mm

1 bit ratchet **No. 4008-1**

6 ratchet ring open-end spanners angled **No. 17a**: 1/4; 5/16; 3/8; 7/16; 1/2; 9/16"

1 bit set **No. 1208**: 1 quick-change holder 1/4" | L.25mm: SL4,5;6,5;8mm | PH1;2;3 (2x) | T6;15;20 | T-SET 4;6;8;10 (2x) | INHEX 5/64;9/64;1/8;3/16;5/32;7/64;3/32;7/32" | Adaptor 1/4" 4KT/6KT | 30-piece **96830887, TCS LM WW ZANG/SCHDR**

2 slotted screwdrivers **No. 4622**: 1.0 x 5.5 x 100;1.2 x 8.0 x 150 mm

3 PHILLIPS® screwdrivers **No. 4632**: PH1; PH2; PH3

1 Combination pliers **No. 6700**: L.160 mm

1 Telephone pliers **No. 6731**: L.200 mm

1 Grip pliers **No. 6564**: L.175 mm

1 Water pump pliers **No. 6572**: L.240 mm

1 Wire twist pliers **No. 6575**: L.230 mm

1 Electronic side cutter **No. 6707**: L. 115 mm

1 Hook tool **No. 13001**: 45° angled L.155 mm

1 Spline puller **No. 13009**

1 LED torch **No. 13128**: 320 lumen

1 Round awl **No. 10758-2K**: L.175 mm

1 Offset screwdriver set **No. 10767a/13**: 0.050; 1/16; 5/64; 3/32; 7/64; 1/8; 9/64; 5/32; 3/16; 7/32; 1/4; 5/16; 3/8" **96830888, TCS LM WW DIVERSES**

4 pin punch **No. 109**: 1.4; 2.8; 3.4; 3.9 mm

1 locksmith's hammer **No. 10961**: 500 g

1 Soft-face hammer **No. 10959**: D.35 mm

1 Precision feeler gauge **No. 11095/20**: 0.05-1 mm

1 Plastic scraper medium blade **No.10678**

1 Plastic scraper narrow blade **No. 10679**

1 Plastic scraper angled blade **No. 10680**

1 Plastic scraper pointed blade **No. 10681**

1 Cable knife **No. 12320**: blade length 90 mm

1 Roller tape measure **No. 12935/3**: L.3 m

1 Scriber **No. 12321**

1 Brass mandrel **No. 12495**

1 Magnetic lifter **No. 12601**: 500 g

1 Caliper **No. 12900**: 150 mm/6"

1 Tyre tread gauge **No. 12900/3**

1 Telescopic mirror **No. 12921M**: D.57 mm

1 claw gripper **No. 12922**: D.6 mm

1 steel ruler **No. 13110**: 300 mm

## Advantages.

For the maintenance of aircrafts and helicopters

## Technologies and features.



### QuickRelease

The QuickRelease safety lock prevents unintentional loss of insert tools. These click securely into place, and are only released again at the push of a button for a quick tool change.



### Tool Control System

The intelligent modular inlay system protects and organises the tools in tool boxes, tool trolleys and workbenches. Two-colour foam inlays make checking the completeness of the tools quick and easy.

## Technical Attributes.

Number of tools 163 pcs.

## Logistics data.

Depth mm (IFS) 800  
 Width mm (IFS) 600  
 Height mm (IFS) 230  
 WEEE/ElektroG Kleingeräte B2C  
 Length (packed, mm) 800  
 Width (packed, mm) 600  
 Height (packed, mm) 230  
 Volume (packed, dm3) 110.4 dm3  
 Art. no. 97830802  
 Weight (gross, kg) 18,500  
 Weight PAP (kg) 0,000  
 Weight PVC (kg) 0,000  
 GTIN 4018754196388  
 Country of origin AWR GERMANY  
 Region of origin Nordrhein-Westfalen  
 Customs tariff no. 82060000  
 Packing standard 1  
 Weight 18500 g

## Parts list.



96435700  
Hex ball-ended L-Key set



96080030  
Bit box Air



77592001  
Round awl



77490006  
LED torch



77460001  
Steel rule



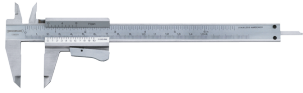
77401103  
Claw lifter



77401057  
Telescopic stainless  
steel mirror



77371004  
Tyre-tread Vernier  
gauge



77371001  
Caliper



77260026  
Pen magnet lifter



77130000  
Brass punch



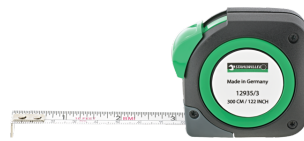
77101010  
Split-pin puller



77101001  
Hook



77100000  
Scriber



77040010  
Tape measure



77020000  
Electricians cable knife



74240002  
Precision feeler gauge



72060204  
Plastic scraper



72060203  
Plastic scraper



72060202  
Plastic scraper



72060201  
Plastic scraper



70191035  
Plastic hammer



70110011  
Engineers hammers



70090007  
Pin punch



70090006  
Pin punch



70090005  
Pin punch



70090002  
Pin punch



67313200  
Telephone pliers





67076000  
Electronics side cutter



67003160  
Combination pliers



65751220  
Wire twisting plier



65726240  
Waterpump plier  
FastGRIP



65642175  
Self grip wrench



46323303  
PH cross-head  
screwdriver DRALL+



46323302  
PH cross-head  
screwdriver DRALL+



46323301  
PH cross-head  
screwdriver DRALL+



46223580  
Slotted screwdriver  
DRALL+



46223555  
Slotted screwdriver  
DRALL+



41473434  
Combination ratcheting  
spanner



41473232  
Combination ratcheting  
spanner



41472828  
Combination ratcheting  
spanner



41472424  
Combination ratcheting  
spanner



41472020  
Combination ratcheting  
spanner



41471616  
Combination ratcheting  
spanner



40485252  
Combination spanner  
OPEN BOX long



40485050  
Combination spanner  
OPEN BOX long



40484848  
Combination spanner  
OPEN BOX long



40484646  
Combination spanner  
OPEN BOX long



40484444  
Combination spanner  
OPEN BOX long



40484242  
Combination spanner  
OPEN BOX long



40484141  
Combination spanner  
OPEN BOX long



40484040  
Combination spanner  
OPEN BOX long



40483838  
Combination spanner  
OPEN BOX long



40483636  
Combination spanner  
OPEN BOX long



40483535  
Combination spanner  
OPEN BOX long



40483434  
Combination spanner  
OPEN BOX long



40483232  
Combination spanner  
OPEN BOX long



40482828  
Combination spanner  
OPEN BOX long



40482424  
Combination spanner  
OPEN BOX long



40482222  
Combination spanner  
OPEN BOX long



40482020  
Combination spanner  
OPEN BOX long



40481818  
Combination spanner  
OPEN BOX long



40481616  
Combination spanner  
OPEN BOX long



40481515  
Combination spanner  
OPEN BOX long



40481414  
Combination spanner  
OPEN BOX long



40481313  
Combination spanner  
OPEN BOX long



40481212  
Combination spanner  
OPEN BOX long



40250106  
Adjustable open-ended  
spanner



18120001  
Bit ratchet screwdriver



12180030  
Bit holder



12111020  
VDE fine-tooth ratchet



12100005  
QuickRelease speeder  
brace



12030010  
Adapter



12030001  
Adapter



12021000  
QuickRelease universal  
joint



12011510  
QR socket extension



12011503  
QR socket extension



11180010  
Bit holder



11132020  
Bit fine-tooth ratchet



11111020  
QuickRelease fine-tooth ratchet



11050011  
Drive handle



11030010  
Adapter



11021000  
QuickRelease universal joint



11011506  
QR socket extension



11011502  
QR socket extension



02420044  
Socket



02420040  
Socket



02420038  
Socket



02420036  
Socket



02410048  
Socket



02410046  
Socket



02410040  
Socket



02410038  
Socket



02410036  
Socket



02410035  
Socket



02410034  
Socket



02410032  
Socket



01640034  
Socket



01640032  
Socket



01640028  
Socket



01640024  
Socket



01640022  
Socket



01640020  
Socket



01640018  
Socket



01640016  
Socket



01640014  
Socket



01640012  
Socket



01540032  
UNIFLEX sockets



01540028  
UNIFLEX sockets



01540024  
UNIFLEX sockets



01540020  
UNIFLEX sockets



01540016  
UNIFLEX sockets



01530034  
Sockets



01530032  
Sockets



01530028  
Sockets



01530024  
Sockets



01530022  
Sockets



01530020  
Sockets



01530018  
Sockets



01530016  
Sockets



01530014  
Sockets



01530012  
Sockets



96830885  
Combination spanners  
i.TCS inlay



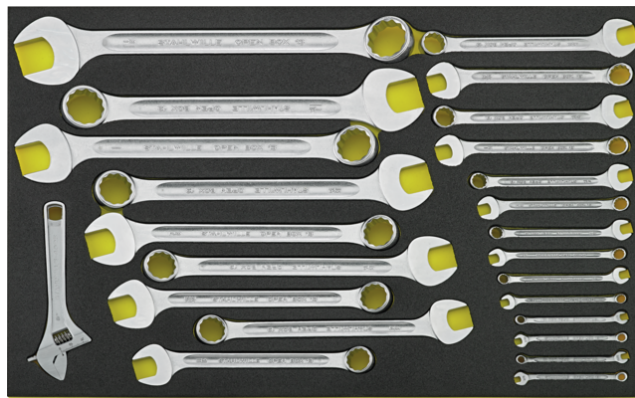
## Variants.

Art. no.	Model no. (ERP)	Description	GTIN
97830802	TCS 13214a WW	Tool assortment TCS 13214a WW 163 pcs.	4018754196388

## GTIN-Code.



## Images.



**STAHLWILLE Eduard Wille GmbH & Co. KG**

Lindenallee 27 · 42349 Wuppertal · Germany · Phone: +49 202 4791-0 · Fax: +49 202 4791-200

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