



**AOG-kit for aircraft in tool trolley No.  
13217 206 pcs.**

**13221 WT/TS**

Product no. **98814915**  
GTIN **4018754252923**  
Model **13221 WT/TS**



**Label.**

AOG-kit for aircraft in tool trolley 13221 WT/TS L.381mm B.581mm H.455mm 206 pcs.

**Features.**

**Key features of the tool trolley:**

- for service and maintenance work on aircraft and helicopters
- robust and durable tool trolley made of polypropylene for professional use
- 7 easily removable, lockable drawers with pull-out stops in 2 different heights
- 1 removable shelf with 2 handles
- 2 transparent drawer lids beneath the upper lid
- 2 smooth-running double castors on the telescopic handle side
- drawers can be used as a separate toolbox thanks to the transparent lids
- with one upper and one front removable lid
- extendable telescopic handle and 2 side handles
- resistant to Skydrol, acetone, petrol and hydraulic oils
- lockable in 3 positions with a padlock
- with the Tool Control System (TCS) modular tool insert system

**Contents: 206-piece set in TCS inserts**

**96830133, TCS 13217 WT 13221/1**

10 double hex sockets 1/4" **No. 40D**: 5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm

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

10 double hex sockets 3/8" **No. 45**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19 mm

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

1 bit ratchet **No. 4008-1**: 1/4"

2 QuickRelease extensions 3/8" **No. 426QR**: L. 75; 160 mm

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

1 QuickRelease universal joint 1/4" **No. 407QR**: L. 45 mm

1 Quick-Release universal joint 3/8" **No. 428QR**: L. 60 mm

1 QuickRelease fine tooth ratchet **No. 415QR N**: 1/4"

1 mini-bit fine tooth ratchet 1/4" **No. 418B**: L. 90 mm

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

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

1 reducer **No. 431**: 1/4" outer square 3/8" inner square

1 bit holder **No. 412**: 1/4"

1 bit set **No. 1208**: 1 quick release chuck 1/4" | L. 25 mm: SL4.5;6.5;8 mm | 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  
**96830134, TCS 13217 WT 13221/2**  
 1 FastGRIP pipe wrench **No. 6572**: L. 240 mm  
 1 telephone pliers **No. 6731**: L. 200 mm  
 1 connector pliers **No. 6576** L. 230 mm  
 1 electronic wire cutter, polished **No. 6707**: L. 115 mm  
 1 combination pliers **No. 6700**: L. 160 mm  
 1 wire twisting pliers **No. 6575 1**: L. 230 mm  
 1 telescopic mirror **No. 12921N**: D. 50 mm  
 1 long nose gripping pliers **No. 6571**: L. 165 mm  
 1 Camloc plier 4P3: L. 190 mm

**96830135, TCS 13217 WT 13221/3**

1 measuring tape **No. 12935/3**: L. 3 m  
 1 spark plug brush **No. 12375**: L. 150 mm  
 1 precision feeler gauge **No. 11095/20**: 0.05; 0.10; 0.15; 0.20; 0.25; 0.30; 0.35; 0.40; 0.45; 0.50; 0.55; 0.60; 0.65; 0.70; 0.75; 0.80; 0.85; 0.90; 0.95; 1.00 mm  
 1 scribe **No. 12321**: L. 250 mm  
 1 calliper **No. 12900N**: L. 150 mm  
 1 claw gripper **No. 12922**: L. 540 mm  
 1 steel ruler **No. 13110**: L. 300 mm  
 1 tweezers **No. 13130**: straight, L. 160 mm  
 1 plastic scraper, medium blade **No. 10678**: L. 170 mm  
 1 plastic scraper, narrow blade **No. 10679**: L. 170 mm  
 1 plastic scraper, angled blade **No. 10680**: L. 174 mm  
 1 plastic scraper, pointed blade **No. 10681**: L. 175 mm  
 1 brass mandrel **No. 12495**: L. 200 mm  
 1 pin magnet lifter **No. 12601** : L. 145 mm  
 1 tyre tread caliper **No. 12900/3**: MB: 0-30 mm  
 1 safety knife (cutter) **No. 12965N**: L. 174 mm

**96830136, TCS 13217 WT 13221/4**

1 drive handle 1/4" **No. 400**: L. 150 mm  
 8 double hex sockets, long 1/4" **No. 40DL**: 5; 6; 7; 8; 10; 11; 12; 13 mm  
 1 key file set **No. 128000**: 6-piece set  
 1 engineer's hammer **No. 10961**: 500 g  
 1 soft-faced hammer **No. 10959**: D. 30 mm  
 1 step-up adapter 1/4" to 3/8" **No. 409**: L. 25 mm  
 4 pin punches **No. 109**: 1.4; 2.8; 3.4; 3.9 mm

**96830137, TCS 13217 WT 13221/5**

1 open-end spanner **No. 10**: 27 x 32 mm  
 12 OPEN RATCH combination ratcheting spanners **No. 17**: 8; 9; 10; 11; 12, 13; 14; 15; 16; 17; 18; 19 mm

**96830138, TCS 13217 WT 13221/6**

1 offset screwdriver set **No. 10767a/13**: 13-piece set  
 1 ball-ended hex key set **No. 10767H/9**: 9-piece set  
 4 electronic slotted screwdriver **No. 4751**: 0.3 x 1.5 x 40; 0.4 x 2.0 x 60; 0.4 x 2.5 x 75; 0.5 x 3.0 x 75 mm  
 2 electronic PHILLIPS® screwdrivers **No. 4752**: PH0; PH1  
 1 DRALL® carburettor screwdriver for slotted screws **No. 4724**: 1.0 x 5.5 x 25 mm  
 1 PHILLIPS® screwdriver DRALL® **No. 4744**: PZ1  
 1 hook tool **No. 13001**: 45°  
 1 DRALL+ slotted screwdriver with impact cap **No. 4622SK**: 0.8 x 4.0 x 90 mm  
 1 PHILLIPS® DRALL+ screwdriver **No. 4632SK**: PH1

**96830139, TCS 13217 WT 13221/7**

9 open-end spanners **No. 10**: 4 x 5; 6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 21; 19 x 22

6 combination spanners OPEN BOX **No. 13a**: 3/8; 7/16; 1/2; 9/16; 5/8; 11/16"

1 spanner, adjustable **No. 4025 6**: AF max. 24 mm

**96830140, TCS 13217 WT 13221/8**

8 double-end ring spanner **No. 23**: 6 x 7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17; 18 x 19; 20 x 22 mm

1 PHILLIPS® DRALL+ screwdriver **No. 4632SK**: PH2

2 TORQ-SET® screwdrivers DRALL® **No. 4636**: 4; 8 mm

1 DRALL+ slotted screwdriver with impact cap **No. 4622SK**: 1.2 x 6.5 x 125 mm

1 pin extractor **No. 13009**: L. 265 mm

1 PHILLIPS® DRALL+ screwdriver with impact cap **No. 4632SK**: PH3

1 round awl **No. 10758**: L. 280 mm

## Advantages.

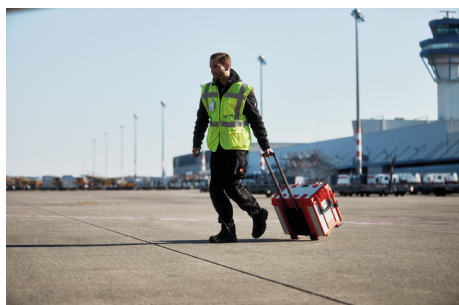
206-piece metric AOG set with HPQ® aircraft tools in a tool trolley.

The professional tools combine the lowest manufacturing tolerances with the highest power transmission and durability.

Storing tools in the STAHLWILLE Tool Control System (TCS) combines the highest level of safety and efficiency.

Specially tailored tool set for fast, efficient, and reliable maintenance and repair.

Thanks to the QuickRelease locking system, accidental tool loss is reliably prevented.



## Product highlights.



PRODUCT IMAGE  
IN PROGRESS

### **Optimal transport.**

The supplied STAHLWILLE tool trolley 13217 is the professional companion for aircraft maintenance and enables optimal transport of the tool sets. Made of durable polypropylene, it is resistant to Skydrol, acetone, petrol and hydraulic oils. With removable drawers, telescopic handles and a padlock, this trolley is equipped for any situation and protects the tool from unauthorised access.



PRODUCT IMAGE  
IN PROGRESS

### **Organisation and overview.**

The modular tool insert system creates order and overview. The high-quality and durable foam inserts are chemically resistant and have precise cut-outs for each individual tool. The striking yellow underside of the TCS insert serves as a signal surface. This enables the completeness of the set to be checked quickly and reliably.



PRODUCT IMAGE  
IN PROGRESS

### **Safe and gentle.**

Our QuickRelease tool is specifically adapted to the requirements of the aviation industry. The recessed release button in all extensions and universal joints ensures a secure hold and gentle screwing process on sensitive materials, even in the engine areas.



PRODUCT IMAGE  
IN PROGRESS

### **Special tools for aviation.**

The set contains high-quality, common HPQ® tools that have been expertly assembled specifically for aviation maintenance. They are FOD safe and offer the tightest manufacturing tolerances, high force transmission and enormous resistance. Equipped with the patented QuickRelease locking system, the tool set sets new standards in terms of quality and reliability.



PRODUCT IMAGE  
IN PROGRESS

### **Bit box for aviation.**

## Technologies and features.



### **High Performance Quality (HPQ®)**

Our HPQ® tool is made of wear-resistant high-performance steel, yet is thin-walled and lightweight. It withstands high torques and is ideal for work in confined spaces such as turbines.



### Foreign Object Damage

STAHLWILLE protects against FOD (Foreign Object Damage). Our tool is ideal for safety-relevant sectors such as aviation, thanks to the screwless design.



### Tool Control System

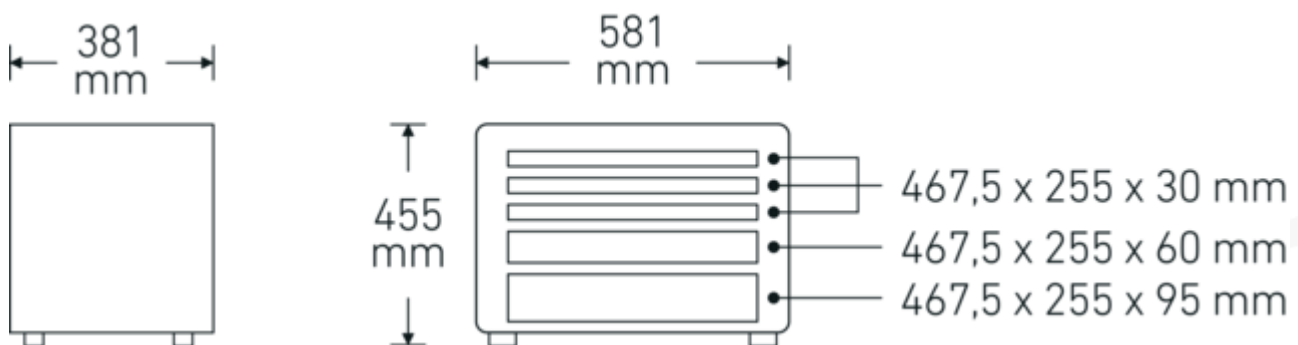
The intelligent modular insert system protects and organises the tools in tool boxes, workshop trolleys and workshop benches. Two-colour foam inlays make checking the completeness of the tools quick and easy.



### 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.

## Technical Drawing.



## Technical Attributes.

Number of tools	206 pcs.
Width mm (b)	581 mm
Height mm (h)	455 mm
Length mm (L)	381 mm

## Logistics data.

Depth mm (IFS)	600
Width mm (IFS)	410
Height mm (IFS)	485
Length (packed, mm)	600
Width (packed, mm)	410
Height (packed, mm)	485
Volume (packed, dm <sup>3</sup> )	119.31 dm <sup>3</sup>
Product no.	98814915
Weight (gross, kg)	29,000
Weight PAP (kg)	0,000
Weight PVC (kg)	0,000
GTIN	4018754252923

**Country of origin AWR**

GERMANY

**Region of origin**

Nordrhein-Westfalen

**WEEE/ElektroG**

Kleingeräte B2C

**Customs tariff no.**

82060000

**Packing standard**

1

**Weight**

29000 g

## Parts list.



46223365  
Slotted screwdriver  
DRALL+



46223440  
Slotted screwdriver  
DRALL+



46323203  
Werkzeug-Sortiment  
TCS 817/3



46323201  
Werkzeug-Sortiment  
TCS 817/3



96432603  
Set of hex keys with  
ball end



67076000  
Electronic side cutter



31150000  
Manual-operated bit  
connector



12030001  
Adapter



11180010  
Bit holder



11030002  
Adapter



74240002  
Precision feeler gauge



74160001  
Spark plug brush



65355200  
Mechanics snipe nose  
plier



12021000  
QuickRelease universal  
joint



11021000  
QuickRelease universal  
joint



65712165  
Long nose self grip  
wrench



65125135  
Relay plier



77020000  
Electricians cable knife



77500001  
Tweezers



77100000  
Scriber



70050005  
Centre punch



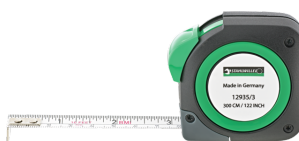
72230001  
Warding file set



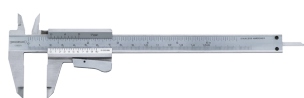
77401057  
Telescopic stainless steel mirror



77460001  
Steel rule



77040010  
Tape measure



77371001  
Caliper



70070005  
Pin punch



70070004  
Pin punch



70070003  
Pin punch



70070002  
Pin punch



70070001  
Pin punch



77401103  
Claw lifter



77260027  
Magnetic lifter



70110010  
Engineers hammers



70171027  
Nylon hammer



65515240  
Waterpump plier



65015180  
Combination plier



65751220  
Wire twisting plier



65765231  
Connector plier



96435701  
Set of hex keys with ball end



46363008  
TORQ-SET®  
screwdriver DRALL+



46363004  
TORQ-SET®  
screwdriver DRALL+



47523020  
Werkzeug-Sortiment  
TCS  
6501/6602/12507/8



47523001  
Werkzeug-Sortiment  
TCS  
6501/6602/12507/8



47441001  
Cross-head  
screwdriver PZ DRALL®



46323102  
Werkzeug-Sortiment  
TCS 816/2 EXTRA  
EDITON



47513008  
Electronic slotted  
screwdriver



47513007  
Electronic slotted  
screwdriver



47513006  
Electronic slotted  
screwdriver



47513004  
Electronic slotted  
screwdriver



47241060  
Slotted screwdriver  
DRALL®



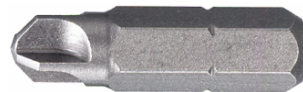
18120001  
Bit ratchet screwdriver



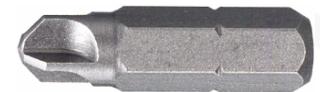
11131011  
Bit ratchet



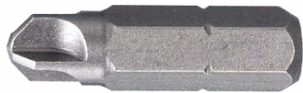
08260010  
Bit screwdriver socket



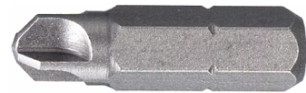
08260008  
Bit screwdriver socket



08260006  
Bit screwdriver socket



08260005  
Bit screwdriver socket



08260004  
Bit screwdriver socket



12111020  
VDE fine-tooth ratchet



11111020  
VDE fine-tooth ratchet



12011002  
QuickRelease extension



12011001  
QuickRelease extension



11011002  
QuickRelease extension



11011001  
QuickRelease extension





02410048  
Socket



02410046  
Socket



02410040  
Socket



02410038  
Socket



02410036  
Socket



02410035  
Socket



02410034  
Socket



02410032  
Socket



02010019  
Socket



02010018  
Socket



02010017  
Socket



02010016  
Socket



02010015  
Socket



02010014  
Socket



02010013  
Socket



02010012  
Socket



02010011  
Socket



02010010  
Socket



01640034  
Socket



01640032  
Socket



01640028  
Socket



01640024  
Socket



01640022  
Socket



01640020  
Socket



01640018  
Socket



01640016  
Socket



01640014  
Socket



01640012  
Socket



01240013  
Sockets



01240012  
Sockets



01240011  
Sockets



01240010  
Sockets



01240008  
Sockets



01240007  
Sockets



01240006  
Sockets



01240005  
Sockets



01030014  
Sockets



01030013  
Sockets



01030012  
Sockets



01030011  
Sockets



01030010  
Sockets



01030009  
Sockets



01030008  
Sockets



01030007  
Sockets



01030006  
Sockets



01030005  
Sockets



40483838  
Combination spanner  
OPEN BOX long



40483636  
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



41171919  
Combination ratcheting  
spanner



41171818  
Combination ratcheting  
spanner



41171717  
Combination ratcheting  
spanner



41171616  
Combination ratcheting  
spanner



41171515  
Combination ratcheting  
spanner



41171414  
Combination ratcheting  
spanner



41171313  
Combination ratcheting  
spanner



41171212  
Combination ratcheting  
spanner



41171111  
Combination ratcheting  
spanner



41171010  
Combination ratcheting  
spanner



41170909  
Combination ratcheting  
spanner



41170808  
Combination ratcheting  
spanner



41072022  
Double-ended ring  
spanner



41071819  
Double-ended ring  
spanner



41071617  
Double-ended ring  
spanner



41071415  
Double-ended ring  
spanner



41071213  
Double-ended ring  
spanner



41071011  
Double-ended ring  
spanner



41070809  
Double-ended ring  
spanner



41070607  
Double-ended ring  
spanner



90432513  
Camloc Fastener



77490006  
LED torch



40032732  
Double open-ended  
spanner



40031922  
Double open-ended  
spanner



40031821  
Double open-ended  
spanner



40031617  
Double open-ended  
spanner



40031415  
Double open-ended  
spanner



40031213  
Double open-ended  
spanner



40031011  
Double open-ended  
spanner



40030809  
Double open-ended  
spanner



40030607  
Double open-ended  
spanner



40030405  
Double open-ended  
spanner

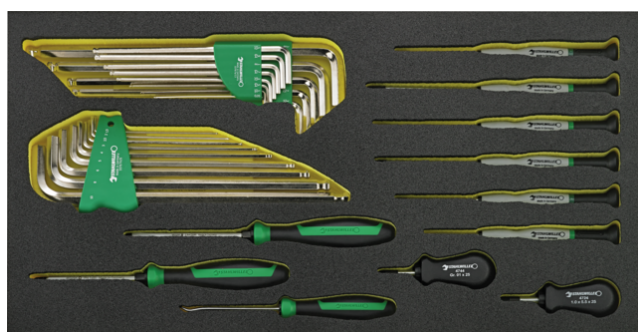
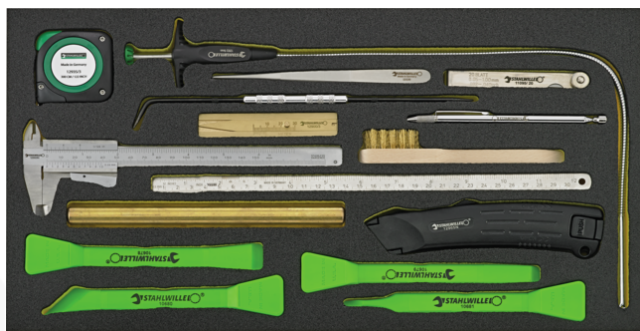
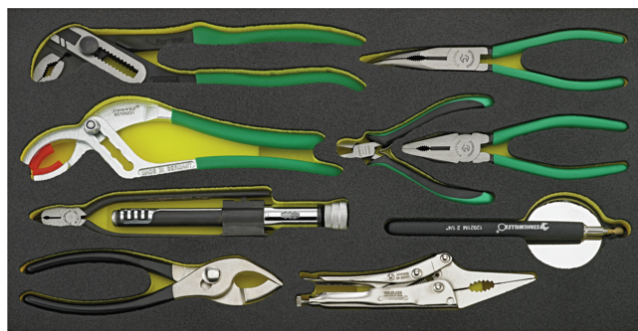
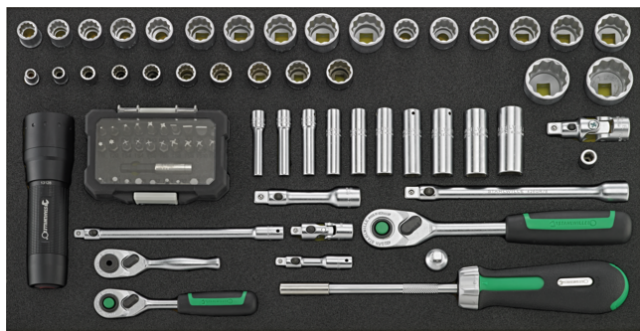
## Variants.

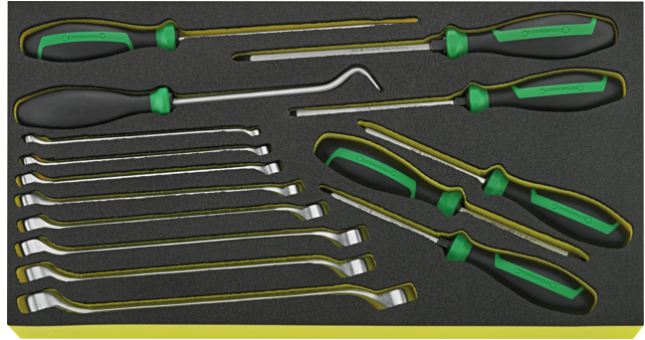
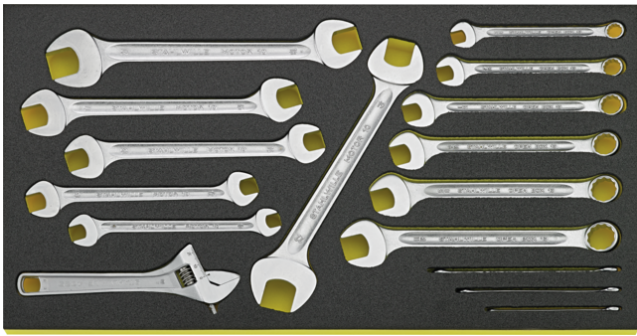
Product no.	Model no. (ERP)	Description	GTIN
98814915	13221 WT/TS	AOG-kit for aircraft in tool trolley 13221 WT/TS L.381mm B.581mm H.455mm 206 pcs.	4018754252923

## GTIN-Code.



# Images.





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

Lindenallee 27 · 42349 Wuppertal · Germany · Phone: +49 202 4791-0 · Fax: +49 202 4791-200  
info@stahlwille.de · www.stahlwille.com · Copyright by STAHLWILLE Eduard Wille GmbH & Co. KG, Wuppertal  
Copyright by STAHLWILLE Eduard Wille GmbH & Co. KG, Wuppertal