



## AOG set for aircraft (imperial) in tool trolley No. 13217, 179-pieces

### 13224a WT/TS

Product no. **98814910**  
GTIN **4018754247653**  
Model **13224a WT/TS**



#### Label.

AOG set for aircraft (imperial) in tool trolley 13224a WT/TS 381x581x455mm 179 pcs.

#### Properties.

##### Key features of the tool trolley

- for maintenance work on aircraft and helicopters
- robust and durable tool trolley made from polypropylene for professional use
- 6 easily removable, lockable drawers with pull-out stops in 2 different heights
- 1 removable tray with 2 handles
- 2 transparent drawer covers beneath the top tray
- 2 smooth-running double castors at the telescopic handle side
- drawers can be used as separate toolboxes thanks to the transparent covers
- with one top cover and one removable cover at the front
- extendable telescopic handle and 2 side carry handles
- resistant to Skydrol, acetone, petrol and hydraulic oils
- lockable in 3 positions with a padlock
- safely integrated in the modular Tool Control System (TCS)

1 tool trolley **No. 13217**

**Contains 179-pieces:**

**96830110**

1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm

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

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

1 Wobble-Drive extension 1/4" **No. 405W**: L. 54 mm

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

1 square drive adaptor **No. 409**: 1/4 to 3/8"

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

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

4 sockets long, with bi-hex 3/8" **No. 46a**: 5/8; 11/16; 3/4; 7/8"

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

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

1 Wobble-Drive extension 3/8" **No. 427W**: L. 76 mm

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

1 square drive adaptor **No. 432M**: 3/8 to 1/2"

1 square drive adaptor **No. 431**: 3/8 to 1/4"

1 bit fine-tooth ratchet 1/4" **No. 415SGB N**: L. 117 mm

1 bit ratchet screwdriver 1/4" **No. 4008**: L. 250 mm  
1 bit holder 3/8" **No. 443**: L. 32 mm  
1 bit box **No. 1208**: 1 quick-change holder 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-pieces  
1 drive handle 1/4" **No. 400N**: L. 150 mm

#### 96830111

4 pin punches **No. 109**: Ø 1.4; 2.8; 3.4; 3.9 mm  
1 engineer's hammer **No. 10961**: 500 g  
1 dead blow hammer **No. 10959**: Ø 30 mm  
1 steel ruler **No. 13110**: L. 300 mm  
1 combination spanner **No. 13a**: 1 1/8"  
1 scribe **No. 12321**: L. 250 mm  
1 pen magnet lifter **No. 12601** : 500 g  
1 tape measure **No. 12935**: L. 3 m  
1 tyre-tread caliper **No. 12900/3**: Measuring range: 150 mm/6"

#### 96830112

1 telescopic mirror **No. 12921M**: L. 178-921 mm  
1 water pump pliers **No. 6572**: L. 240 mm  
1 wire twisting pliers **No. 6575**: L. 230 mm  
1 self-grip wrench **No. 6564**: L. 175 mm  
1 electronics side cutters **No. 6707**: L. 115 mm  
1 combination pliers **No. 6700**: L. 160 mm  
1 telephone pliers **No. 6731**: L. 200 mm  
1 connector pliers **No. 6576**: L. 230 mm

#### 96830113

1 QuickRelease speeder brace 3/8" **No. 453QR**: L. 408 mm  
6 uniflex sockets with bi-hex 1/4" **No. 402a**: 1/4; 5/16; 3/8; 7/16; 1/2; 9/16"  
10 sockets long, with bi-hex 1/4" **No. 40aDL**: 3/16; 7/32; 1/4; 9/32; 5/16; 11/32; 3/8; 7/16; 1/2; 9/16"  
1 adjustable spanner **No. 4025**: max. 24 mm  
1 tyre-tread caliper **No. 12900**: Measuring range: 0-30 mm  
1 precision feeler gaugess, 20 blades **No. 11095**: 0.05-1.00 mm  
1 claw lifter **No. 12922**: L. 540 mm  
1 brass punch **No. 12495**: L. 200 mm  
1 safety knife **No. 12965**: L. 174 mm

#### 96830114

3 double open-ended spanners **No. 12a**: 5/32, 7/32; 1/4"  
17 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"  
1 hacksaw **No. 12053**: L. 252 mm

#### 96830115

2 slotted screwdrivers with impact cap **No. 4622SK**: 0.8 x 4.0 x 90; 1.2 x 6.5 x 125 mm  
3 PH cross-head screwdrivers with impact cap **No. 4632SK**: PH1; PH2; PH3  
1 slotted screwdriver **No. 4724**: 1 x 5.5 x 25 mm  
1 PH cross-head screwdriver **No. 4734**: PH2 L. 25 mm  
1 L-Key set hex **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"  
4 plastic scrapers **No. 10678**: Medium blade, **No. 10679**: Narrow blade, **No. 10680**: Slanted blade, **No. 10681**: Sharp blade  
1 split pin puller **No. 13009**: L. 265 mm  
1 hook tool **No. 13001**: Angled 45°

1 round awl **No. 10758-2K**: L. 175 mm  
1 torch **No. 13128**: 320 lm

**96830116**

5 combination spanners **No. 13a**: 13/16; 7/8; 15/16; 1; 1 1/16"  
1 warding file set **No. 12800**: 6-pieces  
6 combination ratchet spanners **No. 17a**: 1/4; 5/16; 3/8; 7/16; 1/2; 9/16"

## Benefits.

179-piece imperial AOG set with HPQ® aircraft tools in a tool trolley.

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

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

Thanks to the QuickRelease locking system, the risk of accidental tool loss is minimised.

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

## Product highlights.



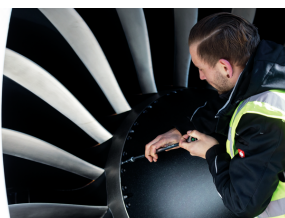
### The professional trolley.

The included 13217 toll trolley is the reliable professional companion for aircraft maintenance. Made of sturdy polypropylene, it resists Skydrol, acetone, petrol and hydraulic oils. Thanks to its sturdy telescopic handle, 2 side carrying handles and smooth-running castors, it can be moved comfortably at any time and carries up to 60 kg effortlessly. The removable drawers offer flexible usage options, while the lockable padlock protects the tool securely - our trolley is optimally equipped for any challenge.



### 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.



### Reliability in every bolted connection.

This range sets new standards in terms of quality and reliability. It includes high-quality HPQ® socket tools, which have been specially selected for the requirements of aviation maintenance. Our screwless ratchets with FOD protection impress with their high precision, maximum power transmission and exceptional durability. The recessed release button on all extensions and universal joints ensures a secure hold and allows particularly gentle working - even on sensitive components in the engine area.



### Bit box for aviation.

The space-saving arrangement in a sturdy box makes it easy to transport. A transparent lid and a two-colour foam insert ensure a quick overview of the completeness of the set.

## Technologies and features.



### QuickRelease

The QuickRelease safety lock prevents unintentional loss of sockets and insert tools. These click securely into place, and are only released again at the push of a button for a quick tool change. In transducers: The QuickRelease safety lock helps you to quickly mount and change transducers. The transducers lock into the calibration system and only unlock again at the push of the buttons.



### 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

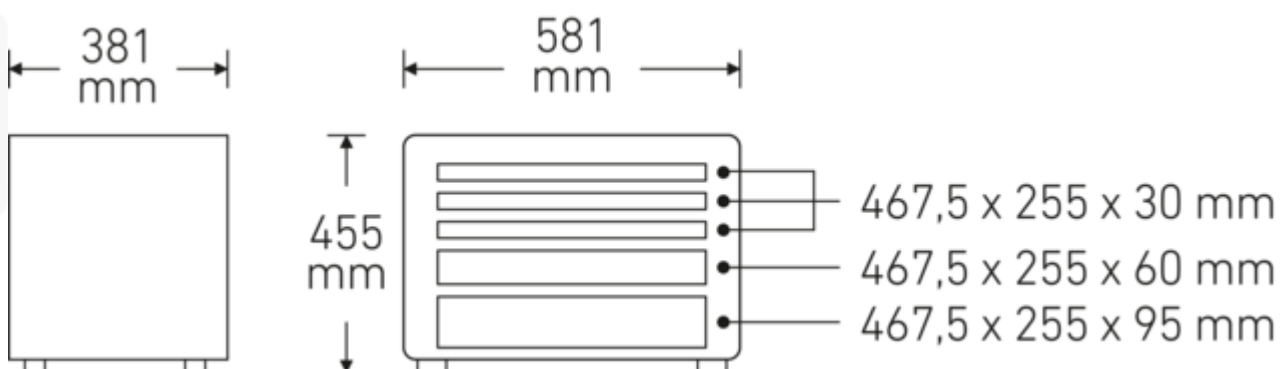
STAHLWILLE protects against FOD (Foreign Object Damage). Our tool is ideal for safety-relevant sectors such as aviation, thanks to the screwless design.



### Tool Control System

The intelligent modular 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 drawing.



## Technical attributes.

Length mm (L)	381 mm
Width mm (b)	581 mm
Height mm (h)	455 mm
Number of tools	179 pcs.

## Logistics data.

Product no.	98814910
GTIN	4018754247653
Weight (g)	28400 g
Volume (packaged, dm3)	118.08 dm3
Packing standard	1
WEEE/ElektroG	Kleingeräte B2C
Customs tariff no.	82060000
Country of origin AWR	GERMANY
Region of origin	Nordrhein-Westfalen
Depth mm (IFS)	595
Width mm (IFS)	405
Height mm (IFS)	479
Weight (gross, kg)	30,500
Weight PAP (kg)	0,000
Weight PVC (kg)	0,000
Length (packaged, mm)	600
Width (packaged, mm)	410
Height (packaging, mm)	480

## Parts list.



01530012  
Socket



01530014  
Socket



01530016  
Socket



01530018  
Socket



01530020  
Socket



01530022  
Socket



01530024  
Socket



01530028  
Socket



01530032  
Socket



01530034  
Socket



01540016  
Uniflex sockets



01540020  
Uniflex sockets



01540024  
Uniflex sockets



01540028  
Uniflex sockets



01540032  
Uniflex sockets



01541034  
Uniflex sockets



01640012  
Socket



01640014  
Socket



01640016  
Socket



01640018  
Socket



01640020  
Socket



01640022  
Socket



01640024  
Socket



01640028  
Socket



01640032  
Socket



01640034  
Socket



02410032  
Socket



02410034  
Socket



02410035  
Socket



02410036  
Socket



02410038  
Socket



02410040  
Socket



02410046  
Socket



02410048  
Socket



02420036  
Socket



02420038  
Socket



02420040  
Socket



02420044  
Socket



11010011  
Wobble-Drive extension



11011502  
QR extensions



11011506  
QR extensions



11021500  
QuickRelease universal  
joint



11030010  
Square drive adaptor



11050011  
Drive handle



11111020  
QR fine-tooth ratchet



11132020  
Bit fine-tooth ratchet



11180010  
Bit holder



12010007  
Wobble-Drive extension



12011503  
QR extensions



12011510  
QR extensions



12021500  
QuickRelease universal  
joint



12030001  
Square drive adaptor



12030010  
Square drive adaptor



12100005  
QR speeder brace



12111020  
QR fine-tooth ratchet



12180030  
Bit holder



18120001  
Bit ratchet screwdriver



40250106  
Adjustable spanner



40461010  
Small double open-ended spanner



40461414  
Small double open-ended spanner



40461616  
Small double open-ended spanner



40481212  
Combination spanner



40481313  
Combination spanner



40481414  
Combination spanner



40481515  
Combination spanner



40481616  
Combination spanner



40481818  
Combination spanner



40482020  
Combination spanner



40482222  
Combination spanner



40482424  
Combination spanner



40482828  
Combination spanner



40483232  
Combination spanner



40483434  
Combination spanner



40483535  
Combination spanner



40483636  
Combination spanner



40483838  
Combination spanner



40484040  
Combination spanner



40484141  
Combination spanner



40484242  
Combination spanner



40484444  
Combination spanner



40484646  
Combination spanner



40484848  
Combination spanner



40485050  
Combination spanner



40485252  
Combination spanner



41471616  
Combination ratchet spanner



41472020  
Combination ratchet spanner



41472424  
Combination ratchet spanner



41472828  
Combination ratchet spanner



41473232  
Combination ratchet spanner



41473434  
Combination ratchet spanner



46223365  
Slotted screwdriver DRALL+



46223440  
Slotted screwdriver DRALL+



46323201  
PH cross-head screwdriver DRALL+



46323202  
PH cross-head screwdriver DRALL+



46323203  
PH cross-head screwdriver DRALL+



47241060  
Slotted screwdriver DRALL®



47341002  
PH cross-head screwdriver DRALL®



65642175  
Self-grip wrench



65726240  
Water pump pliers FastGRIP



65751220  
Wire twisting pliers



65765231  
Connector and siphon pliers



67003160  
Combination pliers



67076000  
Electronics side cutter



67313200  
Telephone pliers



70090002  
Pin punch



70090005  
Pin punch



70090006  
Pin punch



70090007  
Pin punch



70110011  
Engineer's hammer



70190130  
Dead blow hammer



72060201  
Plastic scraper



72060202  
Plastic scraper



72060203  
Plastic scraper



72060204  
Plastic scraper



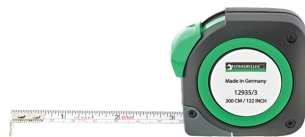
72210002  
Hacksaw



72230001  
Warding file set



74240002  
Precision feeler gauge



77040010  
Tape measure



77100000  
Scriber



77101001  
Hook tool



77101010  
Split-pin puller



77130000  
Brass punch



77260026  
Pen magnet lifter



77371001  
Caliper



77371004  
Tyre-tread caliper



77401057  
Telescopic stainless  
steel mirror



77401103  
Claw lifter



77460001  
Steel ruler



77490006  
Torch



77592001  
Round awl



77621001  
Safety knife



81091335  
Tool trolley



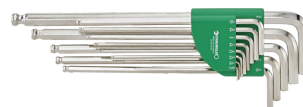
81483230  
Drawer



81483260  
Drawer



96080030  
Bit box Air



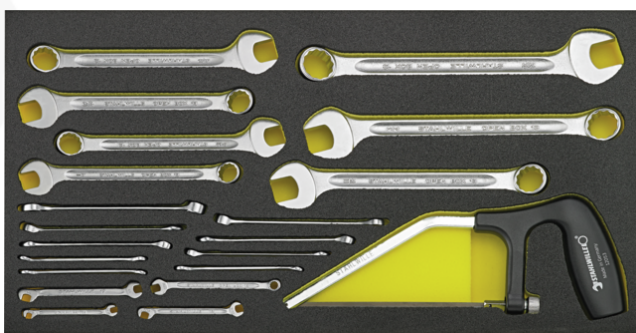
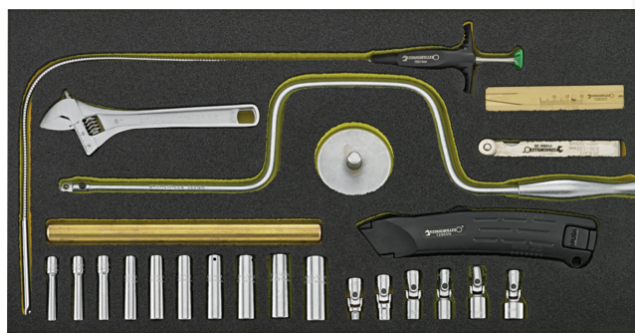
96435700  
Hex ball-ended L-Key  
set

## GTIN.



4 018754 247653

# Images.





**STAHLWILLE Eduard Wille GmbH**

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

info@stahlwille.de · www.stahlwille.com

© STAHLWILLE Eduard Wille GmbH, Wuppertal