STAHLWILLE ®

AOG set for aircraft in tool trolley No. 13217 206-pieces

13221 WT/TS

Product no.	98814915
GTIN	4018754252923
Model	13221 WT/TS

Label.

AOG set for aircraft in tool trolley 13221 WT/TS 381x581x455mm 206 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
- 7 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 206-pieces:
96830133
10 sockets with bi-hex 1/4" **No. 40D**: 5; 6; 7; 8; 9; 10; 11; 12; 13; 14 mm
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"
10 sockets with bi-hex 3/8" **No. 45**: 10; 11; 12; 13; 14; 15; 16; 17; 18; 19 mm
8 sockets with bi-hex 3/8" **No. 45a**: 15/16; 1; 1/2; 9/16; 19/32; 5/8; 11/16; 3/4"
1 bit ratchet screwdriver 1/4" **No. 4008**: L. 250 mm
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 QuickRelease universal joint 3/8" **No. 428QR**: L. 60 mm
1 QuickRelease fine-tooth ratchet 1/4" **No. 415QR N**: L. 117 mm
1 mini fine-tooth bit ratchet 1/4" **No. 418B**: L. 90 mm
1 QuickRelease fine-tooth ratchet 3/8" **No. 435QR N**: L. 193 mm
1 torch **No. 13128**: 320 lm
1 square drive adaptor **No. 431**: 3/8 to 1/4"
1 bit holder 1/4" **No. 412**: L. 25 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

96830134

1 water pump pliers **No. 6572**: L. 240 mm
1 telephone pliers **No. 6731**: L. 200 mm
1 connector pliers **No. 6576** L. 230 mm
1 electronics side cutters **No. 6707**: L. 115 mm
1 combination pliers **No. 6700**: L. 160 mm
1 wire twisting pliers **No. 6575**: L. 230 mm
1 telescopic mirror **No. 12921**: Ø 50 mm
1 long nose gripping pliers **No. 6571**: L. 165 mm
1 camloc fastener **No. 4P3**: L. 190 mm

96830135

1 spark plug brush **No. 12375**: L. 150 mm
1 precision feeler gauges, 20 blades **No. 11095**: 0.05-1.00 mm
1 tape measure **No. 12935**: L. 3 m
1 scriber **No. 12321**: L. 250 mm
1 caliper **No. 12900**: Measuring range: 150 mm/6"
4 plastic scrapers **No. 10678**: Medium blade, **No. 10679**: Narrow blade, **No. 10680**: Slanted blade, **No. 10681**: Sharp blade
1 claw lifter **No. 12922**: L. 540 mm
1 steel ruler **No. 13110**: L. 300 mm
1 tweezers, straight **No. 13130**: L. 160 mm
1 brass punch **No. 12495**: L. 200 mm
1 pen magnet lifter **No. 12601** : L. 145 mm
1 tyre-tread caliper **No. 12900/3**: Measuring range: 0-30 mm
1 safety knife **No. 12965**: L. 174 mm

96830136

1 drive handle 1/4" **No. 400N**: L. 150 mm
7 sockets long, with bi-hex 1/4" **No. 40DL**: 5; 6; 7; 8; 10; 11; 12; 13 mm
1 square drive adaptor **No. 409**: 1/4 to 3/8"
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 warding file set **No. 12800**: 6-pieces

96830137

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

96830138

1 slotted screwdriver with impact cap **No. 4622SK**: 0.8 x 4 x 90 mm
1 PH cross-head screwdriver with impact cap **No. 4632SK**: PH1
1 slotted carburettor screwdriver **No. 4724**: 1.0 x 5.5 x 25 mm
1 PH cross-head screwdriver **No. 4744**: PZ1
4 electricians slotted screwdrivers **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 electricians PH cross-head screwdrivers **No. 4752**: PH0; PH1
1 ball-ended L-Key set hex **No. 10767H/9**: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
1 ball-ended 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"
1 hook tool **No. 13001**: Angled 45°

96830139
9 double open-ended 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 **No. 13a**: 3/8; 7/16; 1/2; 9/16; 5/8; 11/16"
1 adjustable spanner **No. 4025**: max. 24 mm

96830140
8 double-ended ring spanners **No. 23**: 6 x7; 8 x 9; 10 x 11; 12 x 13; 14 x 15; 16 x 17;
18 x 19; 20 x 22 mm
1 PH cross-head screwdriver with impact cap **No. 4632SK**: PH2
2 TORQ-SET® screwdriver **No. 4636**: 4; 8 mm
1 slotted screwdriver with impact cap **No. 4622SK**: 1.2 x 6.5 x 125 mm
1 split pin puller **No. 13009**: L. 265 mm
1 PH cross-head screwdriver **No. 4632**: PH3
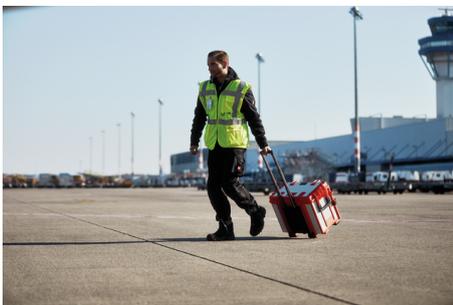1 round awl **No. 10758**: L. 280 mm

Benefits.

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

The professional tools combine the tightest 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, the risk of accidental tool loss is minimised.

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.

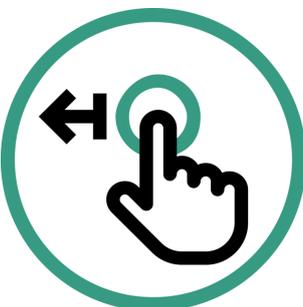PRODUCT IMAGE IN PROGRESS

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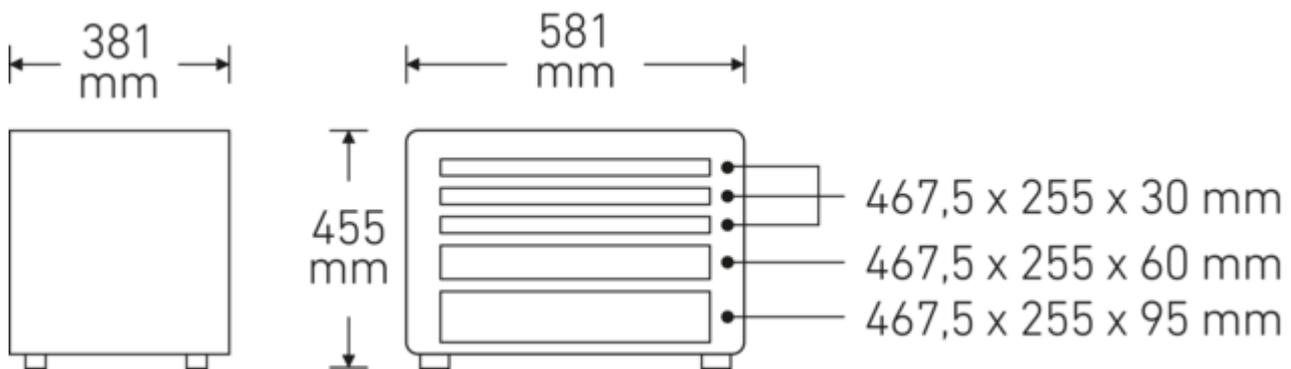
Foreign Object Damage
STAHLWILLE protects against FOD (Foreign Object Damage). Our tool is ideal for safety-relevant sectors such as aviation, thanks to the screwless design.

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.

381 mm

581 mm

455 mm

467,5 x 255 x 30 mm
467,5 x 255 x 60 mm
467,5 x 255 x 95 mm

Technical attributes.

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

Logistics data.

Product no.	98814915
GTIN	4018754252923
Weight (g)	29000 g
Volume (packaged, dm3)	119.31 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)	600
Width mm (IFS)	410
Height mm (IFS)	485
Weight (gross, kg)	29,000
Weight PAP (kg)	0,000

Weight PVC (kg)	0,000
Length (packaged, mm)	600
Width (packaged, mm)	410
Height (packaging, mm)	485

Parts list.

01030005
Socket

01030006
Socket

01030007
Socket

01030008
Socket

01030009
Socket

01030010
Socket

01030011
Socket

01030012
Socket

01030013
Socket

01030014
Socket

01240005
Socket

01240006
Socket

01240007
Socket

01240008
Socket

01240010
Socket

01240011
Socket

01240012
Socket

01240013
Socket

01640012
Socket

01640014
Socket

01640016 Socket	01640018 Socket	01640020 Socket	01640022 Socket
01640024 Socket	01640028 Socket	01640032 Socket	01640034 Socket
02010010 Socket	02010011 Socket	02010012 Socket	02010013 Socket
02010014 Socket	02010015 Socket	02010016 Socket	02010017 Socket
02010018 Socket	02010019 Socket	02410032 Socket	02410034 Socket
02410035 Socket	02410036 Socket	02410038 Socket	02410040 Socket

02410046
Socket

02410048
Socket

11011502
QR extensions

11011506
QR extensions

11021500
QuickRelease universal joint

11030002
Square drive adaptor

11050011
Drive handle

11111020
QR fine-tooth ratchet

11133030
Bit fine-tooth mini ratchet

11180010
Bit holder

12011503
QR extensions

12011506
QR extensions

12021500
QuickRelease universal joint

12030001
Square drive adaptor

12111020
QR fine-tooth ratchet

18120001
Bit ratchet screwdriver

40030405
Double open–ended spanner

40030607
Double open–ended spanner

40030809
Double open–ended spanner

40031011
Double open–ended spanner

40031213
Double open–ended spanner

40031415
Double open–ended spanner

40031617
Double open–ended spanner

40031821
Double open–ended spanner

40031922
Double open-ended
spanner

40032732
Double open-ended
spanner

40250106
Adjustable spanner

40482424
Combination spanner

40482828
Combination spanner

40483232
Combination spanner

40483434
Combination spanner

40483636
Combination spanner

40483838
Combination spanner

41070607
Double-ended ring
spanner

41070809
Double-ended ring
spanner

41071011
Double-ended ring
spanner

41071213
Double-ended ring
spanner

41071415
Double-ended ring
spanner

41071617
Double-ended ring
spanner

41071819
Double-ended ring
spanner

41072022
Double-ended ring
spanner

41170808
Combination ratchet
spanner

41170909
Combination ratchet
spanner

41171010
Combination ratchet
spanner

41171111
Combination ratchet
spanner

41171212
Combination ratchet
spanner

41171313
Combination ratchet
spanner

41171414
Combination ratchet
spanner

41171515
Combination ratchet
spanner

41171616
Combination ratchet
spanner

41171717
Combination ratchet
spanner

41171818
Combination ratchet
spanner

41171919
Combination ratchet
spanner

46223365
Slotted screwdriver
DRALL+

46223440
Slotted screwdriver
DRALL+

46323201
PH cross-head
screwdriver DRALL+

46323202
PH cross-head
screwdriver DRALL+

46323303
PH cross-head
screwdriver DRALL+

46363004
TORQ-SET®
screwdriver DRALL+

46363008
TORQ-SET®
screwdriver DRALL+

47241060
Slotted screwdriver
DRALL®

47441001
PZ cross-head
screwdriver DRALL®

47513004
Electronic slotted
screwdriver

47513006
Electronic slotted
screwdriver

47513007
Electronic slotted
screwdriver

47513008
Electronic slotted
screwdriver

47523001
Electronic PH cross-
head screwdriver

47523020
Electronic PH cross-
head screwdriver

65712165
Long-nose 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

72230001
Warding file set

74160001
Spark plug brush

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

77500001
Tweezers

77592001
Round awl

77621001
Safety knife

81091335
Tool trolley

81483230
Drawer

81483260
Drawer

90432513
Camloc Fastener

96080030
Bit box Air

96432603
Hex ball-ended L-Key set

96435700
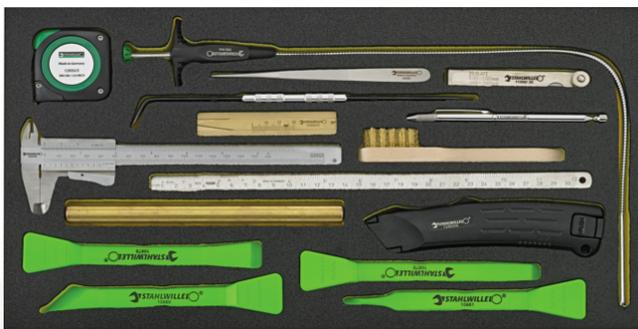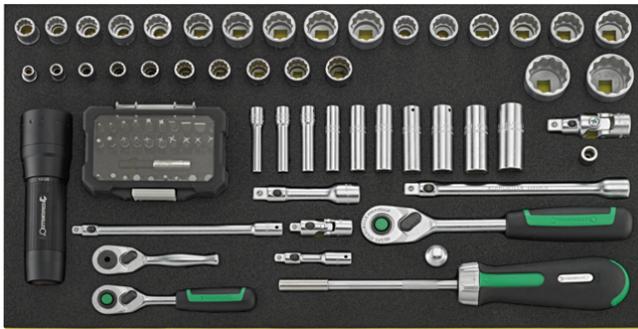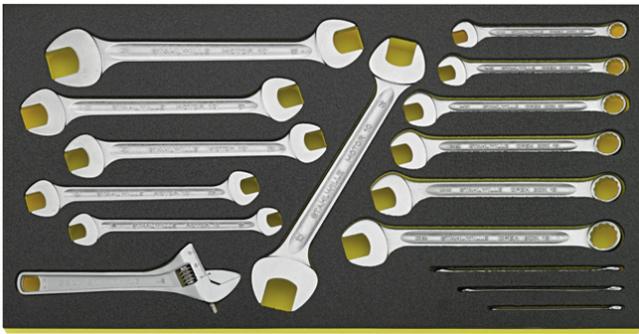Hex ball-ended L-Key set

96830138
Screwdriver set

96830139
Spanner set

GTIN.

4 018754 252923

Images.