



## 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 scribe **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 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 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.

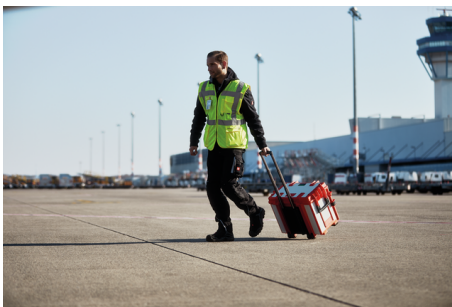
206-pieces metric AOG set with HPQ® aircraft tools in a tool trolley.

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.



### Reliability in every bolted connection.

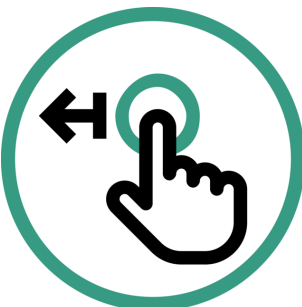
This range sets new standards in terms of quality and reliability. It includes high-quality HPQ® socket tools, which have been specially selected for the requirements of aviation maintenance. Our screwless ratchets with FOD protection impress with their high precision, maximum power transmission and 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

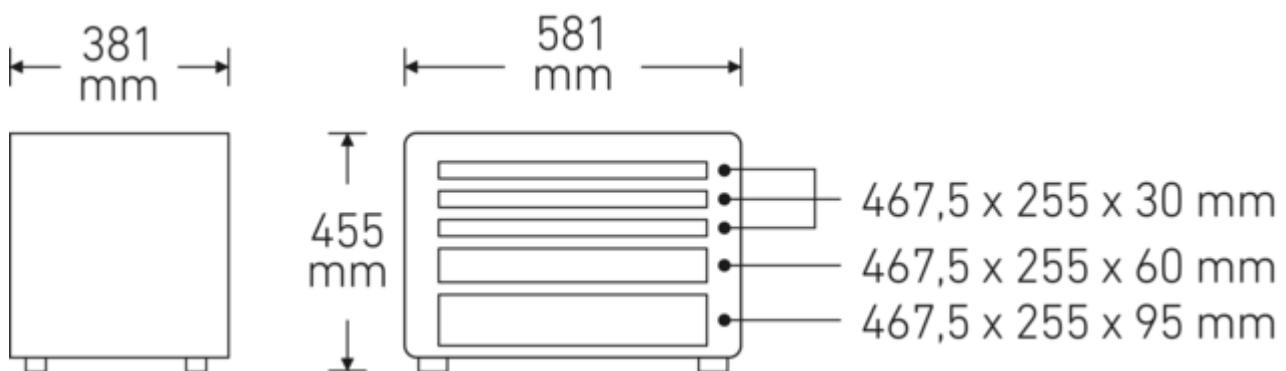
STAHLWILLE protects against FOD (Foreign Object Damage). Our tool is ideal for safety-relevant sectors such as aviation, thanks to the screwless design.



### 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.



## 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, dm <sup>3</sup> ) | 119.31 dm <sup>3</sup> |
| 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  
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01030014  
Socket



01240005  
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01240006  
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01240007  
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01240008  
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01240010  
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01240011  
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01240012  
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01240013  
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01640012  
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01640014  
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01640016  
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01640018  
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01640020  
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01640022  
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01640024  
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01640028  
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01640032  
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01640034  
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02010010  
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02010013  
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02010014  
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02010015  
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02010016  
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02010017  
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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



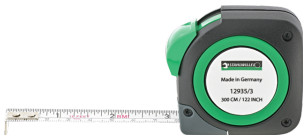
72230001  
Warding file set



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

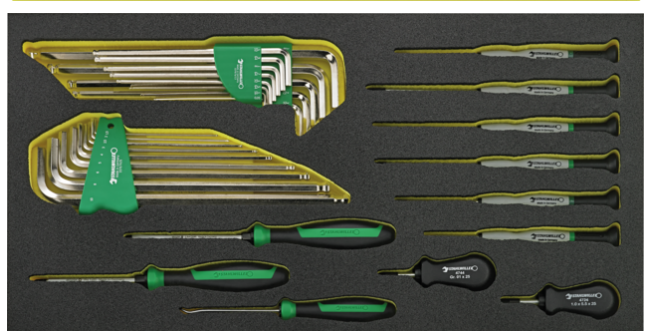
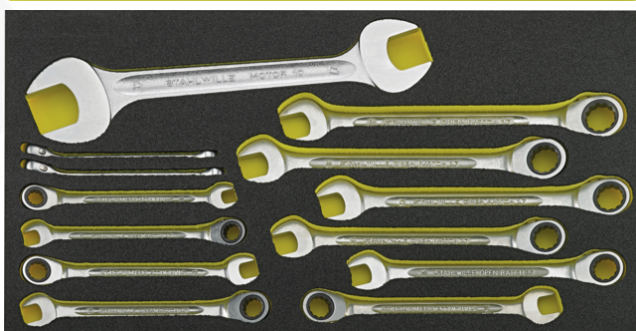
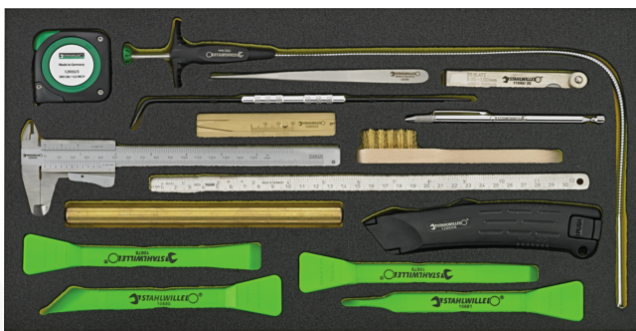
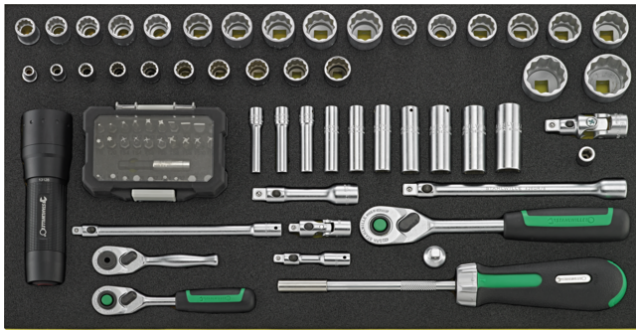


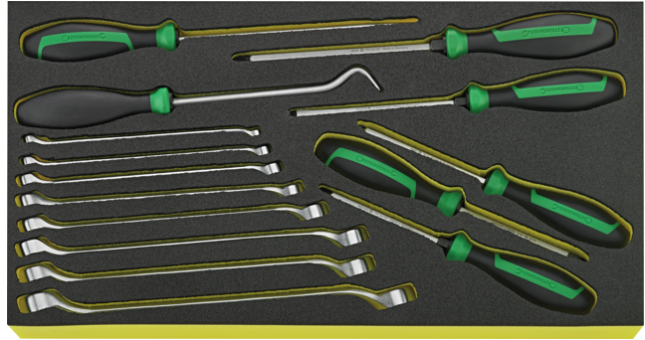
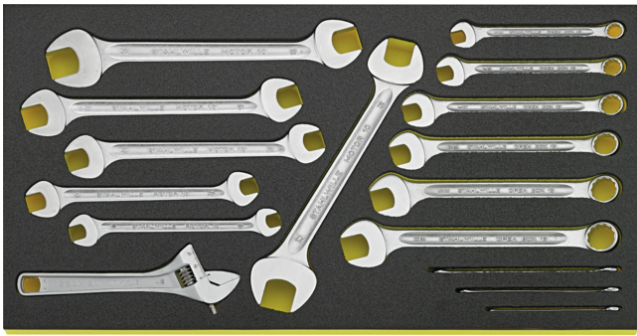
96830139  
Spanner set

**GTIN.**



# Images.





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