

# SPAX FURNITURE CONSTRUCTION **BROCHURE**

SPAX furniture construction screws



**MADE IN  
GERMANY**



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# INFOS

## SCREWS

### FOR ALL FURNITURE CONSTRUCTION

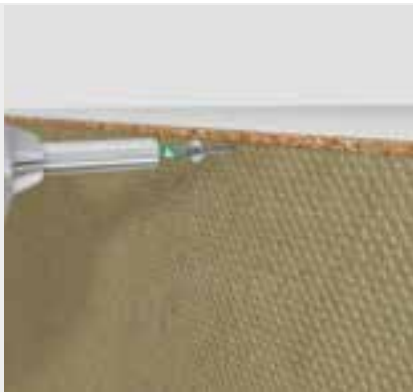
Whether MDF boards, rear walls, wood elements of metal fittings, when it comes to furniture construction, you need screws that are perfectly tailored to the various requirements of wood. The SPAX-M with small special flat countersunk head, partial thread and CUT point enables the perfect fastening of MDF boards, without damaging or deforming the wood material. Regardless of whether you're building shelves or fitting an entire kitchen, SPAX-M is the best choice for MDF materials.

The SPAX flange head screws with flat washer head, full thread and WIROX surface are ideal for fastening hardboard rear walls. They offer higher tightening torques for fastening shelf and cabinet rear walls without damaging or deforming the material. The corresponding versions as partial thread screws are nickel-plated and are ideal for cabinet connections in furniture construction.

The SPAX screw with centre drill enables easy fastening without pre-drilling. We also offer special plastic cover caps in a range of versions.

The black universal screw BLAX is ideal for working with dark surfaces and offers the perfect solution for aesthetic, visible connections in black furniture fittings. The SPAX flange head screws and cabinet connectors with flat washer head are also available with a black BLAX surface to match dark woods.





Rear wall fastenings

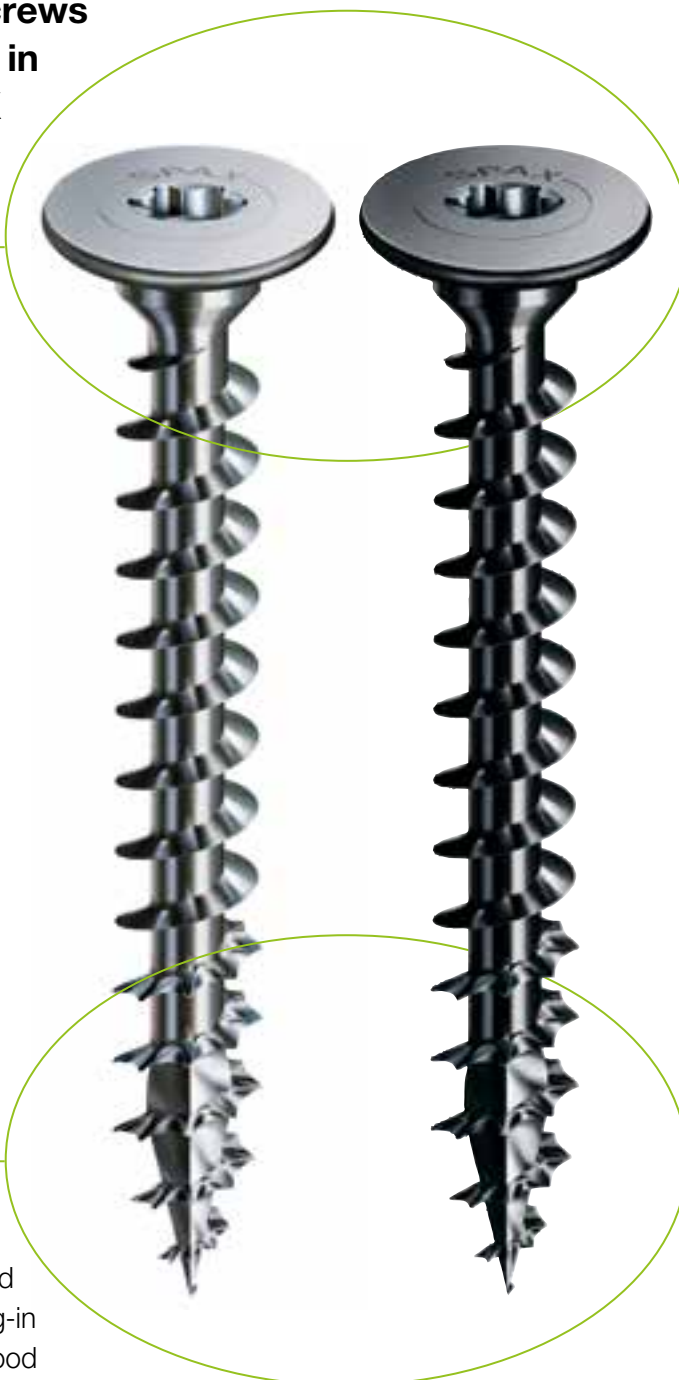


Rear wall fastenings

## SPAX furniture screws with T-STAR *plus* in WIROX and BLAX

### Flat flange head

The large, flat washer head of the flange headscrew with full thread holds hardboard rear walls securely to the body and can be removed at any time.



### 4CUT

The square point pushes aside the fibre of the wood and reduces the screwing-in torque. No pre-drilling (wood dependent).

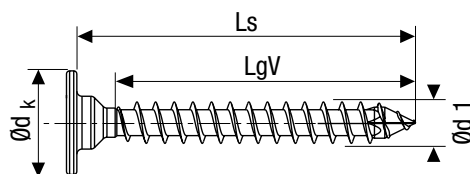
### SPAX SURFACE

The black SPAX furniture screws are ideal for use in modern households, in which black fittings and furniture are becoming increasingly popular.

This enables visible fastening without any aesthetic impairment even on dark surfaces.

Applications include:

- ✕ Decorative furniture construction
- ✕ Furniture restoration
- ✕ Kitchen furniture
- ✕ Living room furniture



Zinc 10 µm class 2

WIROX  
A9J



**Flange head screw with  
flat flange head  
WIROX surface**

T-STAR *plus*,  
full thread  
4CUT  
hardened, slide-coated

| Dimensions [mm]                      |                           |                                 |                      | Packaging units         |                              |               | SPAX No.       | EAN code 4003530... |
|--------------------------------------|---------------------------|---------------------------------|----------------------|-------------------------|------------------------------|---------------|----------------|---------------------|
| Thread-<br>Ø<br><br>d1               | Length<br>total<br><br>Ls | Length<br>full<br>thread<br>LgV | Bit<br>size<br><br>T | SPAX<br>Box<br>[pieces] | Master<br>carton<br>[pieces] | Pallet<br>qty |                |                     |
| Craft package                        |                           |                                 |                      |                         |                              |               |                |                     |
| 3.0*<br>Ø d <sub>k</sub> =<br>7.9 mm | 20                        | 18                              | 10                   | 300                     | 3,000                        | 189,000       | 0151010300203  | 258565              |
|                                      | 25                        | 23                              | 10                   | 300                     | 3,000                        | 189,000       | 0151010300253  | 258558              |
|                                      | 30                        | 28                              | 10                   | 300                     | 3,000                        | 189,000       | 0151010300303  | 258541              |
| 3.5<br>Ø d <sub>k</sub> =<br>8.7 mm  | 25                        | 23                              | 20                   | 300                     | 3,000                        | 189,000       | 0151010350253  | 258107              |
|                                      | 30                        | 27                              | 20                   | 300                     | 3,000                        | 189,000       | 0151010350303  | 258114              |
|                                      | 40**                      | 37                              | 20                   | 200                     | 2,000                        | 224000        | 21510103504051 | 259012              |
| 4.0<br>Ø d <sub>k</sub> =<br>10.0 mm | 16                        | 15                              | 20                   | 300                     | 3,000                        | 189,000       | 0151010400163  | 258015              |
|                                      | 20                        | 18                              | 20                   | 300                     | 3,000                        | 189,000       | 0151010400203  | 258008              |
|                                      | 25                        | 23                              | 20                   | 300                     | 3,000                        | 189,000       | 0151010400253  | 257995              |

\* Alternative Design. \*\* with CUT point for MDF

flZn/nc/TL/96

BLAX

**Flange head screw with  
flat flange head  
BLAX black surface**

T-STAR *plus*,  
full thread  
4CUT  
hardened, slide-coated

| Dimensions [mm]                      |                 |                          |             | Packaging units         |                              |               | SPAX No.      | EAN code<br>4003530... |
|--------------------------------------|-----------------|--------------------------|-------------|-------------------------|------------------------------|---------------|---------------|------------------------|
| Thread-<br>Ø                         | Length<br>total | Length<br>full<br>thread | Bit<br>size | SPAX<br>box<br>[pieces] | Master<br>carton<br>[pieces] | Pallet<br>qty |               |                        |
| d1                                   | Ls              | LgV                      | T           |                         |                              |               |               |                        |
| Craft package                        |                 |                          |             |                         |                              |               |               |                        |
| 3.0*<br>Ø d <sub>K</sub> =<br>7.9 mm | 30              | 28                       | 10          | 300                     | 3,000                        | 189,000       | 0151040300303 | 291654                 |
|                                      |                 |                          |             |                         |                              |               |               |                        |
|                                      |                 |                          |             |                         |                              |               |               |                        |
| 3.5<br>Ø d <sub>K</sub> =<br>8.7 mm  | 30              | 27                       | 20          | 300                     | 3,000                        | 189,000       | 0151040350303 | 291647                 |
|                                      |                 |                          |             |                         |                              |               |               |                        |
|                                      |                 |                          |             |                         |                              |               |               |                        |
| 4.0<br>Ø d <sub>K</sub> =<br>10.0 mm | 20              | 18                       | 20          | 300                     | 3,000                        | 189,000       | 0151040400203 | 291630                 |
|                                      |                 |                          |             |                         |                              |               |               |                        |
|                                      |                 |                          |             |                         |                              |               |               |                        |

\* Alternative Design.



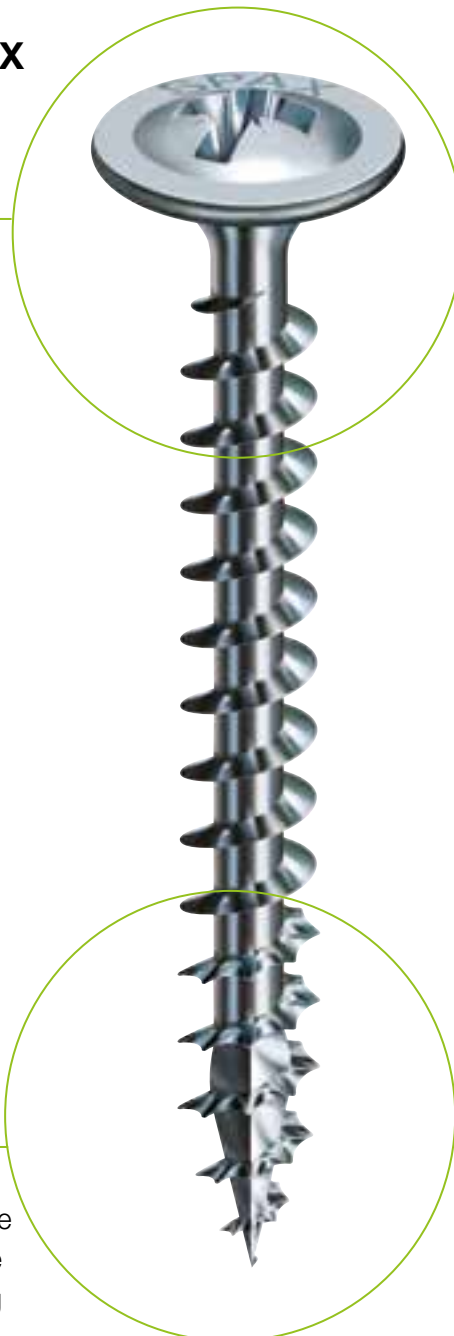
## SPAX flange head screws with cross recess Z in WIROX

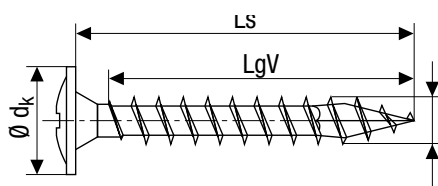
### Flange head

The large head of the flange head screw holds hardboard rear walls securely to cabinets. Compared to conventional nail connections, the flange head screw offers higher pull-out resistance and can be easily removed at any time.

### 4CUT

The square point pushes aside the fibre of the wood and reduces the screwing-in torque. No pre-drilling (wood dependent).





Zinc 10 µm class 2

WIROX  
A9J



## Flange head

Cross recess Z  
full thread  
4CUT  
hardened, slide-coated

| Dimensions [mm]                         |                 |                          |             | Packaging units         |                              |               | SPAX No.      | EAN code<br>4003530... |
|-----------------------------------------|-----------------|--------------------------|-------------|-------------------------|------------------------------|---------------|---------------|------------------------|
| Thread-<br>Ø                            | Length<br>total | Length<br>full<br>thread | Bit<br>size | SPAX<br>Box<br>[pieces] | Master<br>carton<br>[pieces] | Pallet<br>qty |               |                        |
| d1                                      | Ls              | LgV                      | Z           |                         |                              |               |               |                        |
| Standard packaging                      |                 |                          |             |                         |                              |               |               |                        |
| 3.0* **<br>Ø d <sub>k</sub> =<br>7.9 mm | 20              | 18"                      | 1           | 5,000                   | –                            | 735,000       | 1281010300202 | 109959                 |
|                                         | 25              | 23"                      | 1           | 5,000                   | –                            | 735,000       | 1281010300252 | 109966                 |
|                                         |                 |                          |             |                         | –                            |               |               |                        |
| 3.5<br>Ø d <sub>k</sub> =<br>8.6 mm     | 17              | 15                       | 2           | 3,000                   | –                            | 912,000       | 0281010350172 | 109799                 |
|                                         | 20              | 18                       | 2           | 3,000                   | –                            | 441,000       | 0281010350202 | 109713                 |
|                                         | 25              | 23                       | 2           | 2,000                   | –                            | 608000        | 0281010350252 | 109720                 |
|                                         | 30              | 27                       | 2           | 3,000                   | –                            | 441,000       | 0281010350302 | 109737                 |
|                                         | 35              | 32                       | 2           | 2,000                   | –                            | 294,000       | 0281010350352 | 109744                 |
| 4.0<br>Ø d <sub>k</sub> =<br>9.6 mm     | 13              | 11                       | 2           | 3,000                   | –                            | 540,000       | 0281010400132 | 109751                 |
|                                         | 17              | 15                       | 2           | 2,000                   | –                            | 432,000       | 0281010400172 | 107153                 |
|                                         | 20              | 18                       | 2           | 2,000                   | –                            | 432,000       | 0281010400202 | 109768                 |
|                                         | 25              | 23                       | 2           | 3,000                   | –                            | 441,000       | 0281010400252 | 107160                 |
|                                         | 30              | 27                       | 2           | 2,000                   | –                            | 294,000       | 0281010400302 | 107177                 |
|                                         | 35              | 32                       | 2           | 2,000                   | –                            | 294,000       | 0281010400352 | 092046                 |
|                                         | 40              | 37                       | 2           | 1,500                   | –                            | 220,500       | 0281010400402 | 097348                 |
|                                         | 45              | 42                       | 2           | 1,000                   | –                            | 147,000       | 0281010400452 | 107184                 |
| 4.5<br>Ø d <sub>k</sub> =<br>10.6 mm    | 20              | 17                       | 2           | 3,000                   | –                            | 441,000       | 0281010450202 | 092053                 |
|                                         | 25              | 22                       | 2           | 2,000                   | –                            | 294,000       | 0281010450252 | 092060                 |
|                                         | 30              | 27                       | 2           | 2,000                   | –                            | 294,000       | 0281010450302 | 092077                 |
|                                         | 35              | 32                       | 2           | 1,500                   | –                            | 220,500       | 0281010450352 | 097331                 |
|                                         | 40              | 37                       | 2           | 1,000                   | –                            | 147,000       | 0281010450402 | 092084                 |
|                                         | 45              | 42                       | 2           | 1,000                   | –                            | 147,000       | 0281010450452 | 092091                 |
|                                         | 50              | 47                       | 2           | 1,000                   | –                            | 147,000       | 0281010450502 | 092107                 |
| 5.0<br>Ø d <sub>k</sub> =<br>11.6 mm    | 20              | 17                       | 2           | 2,000                   | –                            | 294,000       | 0281010500202 | 092114                 |
|                                         | 25              | 22                       | 2           | 1,000                   | –                            | 304,000       | 0281010500252 | 092121                 |
|                                         | 30              | 27                       | 2           | 1,000                   | –                            | 147,000       | 0281010500302 | 092206                 |
|                                         | 35              | 32                       | 2           | 1,000                   | –                            | 147,000       | 0281010500352 | 092138                 |
|                                         | 40              | 37                       | 2           | 1,000                   | –                            | 147,000       | 0281010500402 | 092145                 |
|                                         | 45              | 41                       | 2           | 1,000                   | –                            | 147,000       | 0281010500452 | 092152                 |
|                                         | 50              | 46                       | 2           | 1,000                   | –                            | 147,000       | 0281010500502 | 092169                 |
|                                         | 60              | 56                       | 2           | 500                     | –                            | 73,500        | 0281010500602 | 092176                 |

\* Alternative Design. \*\* With double-lead thread.



**Cabinett connection**



**Cabinett connection**

## SPAX cabinet connector screws with T-STAR *plus* in nickel-plated and BLAX

### Flat flange head

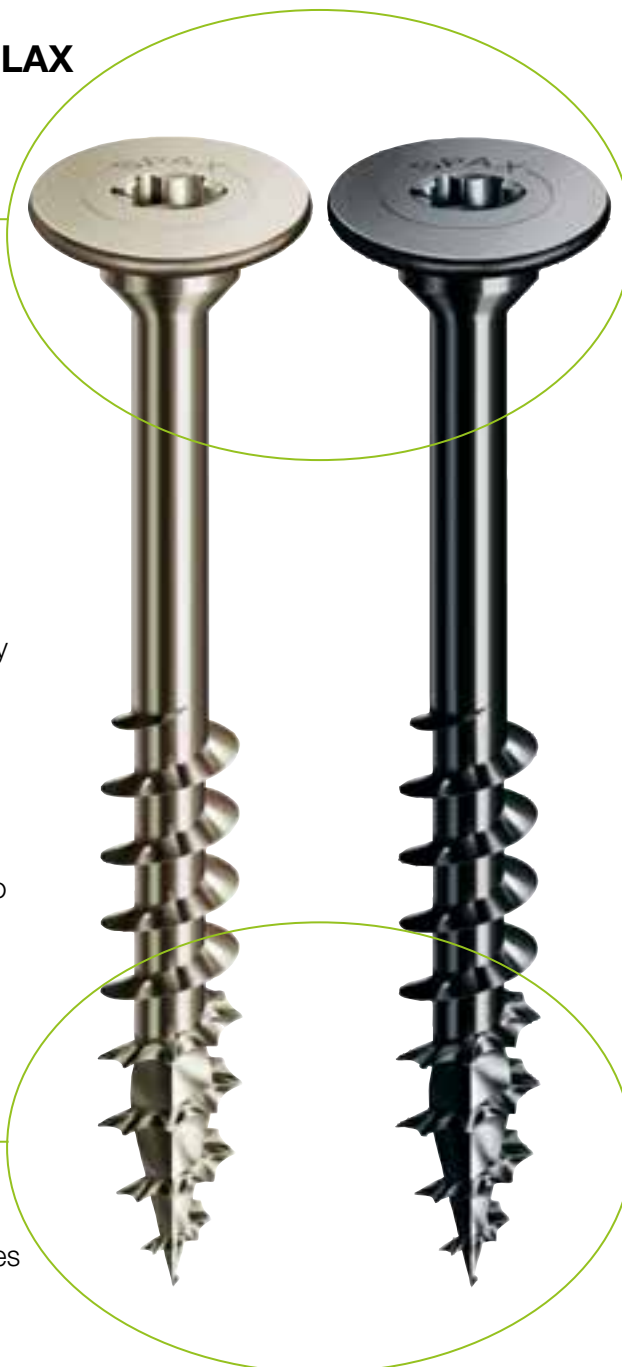
The large flat washer head of the cabinet connector screw with partial thread pulls two cabinet bodies together tightly with high force.

The large, flat screw head distributes the pressure over a larger area, thus protecting the material and preventing any obstruction for other cabinet elements, such as drawer runners.

SPAX cabinet connector screws are simply screwed into the 5-mm Euro-standard hole, centre themselves there and thus replace the usual screw-sleeve combinations.

### 4CUT

The square point pushes aside the fibre of the wood and reduces the screwing-in torque. No pre-drilling (wood dependent).



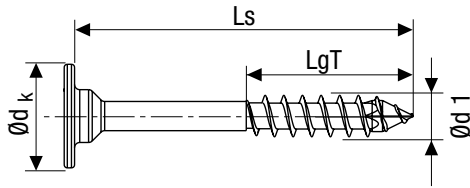
### SPAX SURFACE

The black SPAX furniture screws are ideal for use in modern households, in which black fittings and furniture are becoming increasingly popular.

This enables visible fastening without any aesthetic impairment even on dark surfaces.

Applications include:

- ✕ Decorative furniture construction
- ✕ Furniture restoration
- ✕ Kitchen furniture
- ✕ Living room furniture



Nickel-plated

E1J



**cabinet connector screw  
with flat flange head  
Nickel-plated surface**

T-STAR *plus*,  
Partial thread  
4CUT  
hardened, slide-coated

T-STAR *plus*,  
full thread  
4CUT  
hardened, slide-coated

| Dimensions [mm]                      |                 |                             |             | Packaging units         |                              |               | SPAX No.      | EAN code<br>4003530... |
|--------------------------------------|-----------------|-----------------------------|-------------|-------------------------|------------------------------|---------------|---------------|------------------------|
| Thread-<br>Ø                         | Length<br>total | Length<br>partial<br>thread | Bit<br>size | SPAX<br>Box<br>[pieces] | Master<br>carton<br>[pieces] | Pallet<br>qty |               |                        |
| d1                                   | Ls              | LgT                         | T           |                         |                              |               |               |                        |
| Craft package                        |                 |                             |             |                         |                              |               |               |                        |
| 4.0<br>Ø d <sub>K</sub> =<br>10.0 mm | 30              | 16                          | 20          | 200                     | 2,000                        | 126,000       | 0681030400303 | 257841                 |
|                                      | 34              | 16                          | 20          | 200                     | 2,000                        | 126,000       | 0681030400343 | 257858                 |
|                                      |                 |                             |             |                         |                              |               |               |                        |

For cabinet connections shank lengths adapted to 16mm and 19mm wall thicknesses

flZn/nc/TL/96

BLAX

**cabinet connector screw  
with flat flange head  
BLAX black surface**

T-STAR *plus*,  
Partial thread  
4CUT  
hardened, slide-coated

| Dimensions [mm]                      |                 |                             |             | Packaging units         |                              |               | SPAX No.      | EAN code<br>4003530... |
|--------------------------------------|-----------------|-----------------------------|-------------|-------------------------|------------------------------|---------------|---------------|------------------------|
| Thread-<br>Ø                         | Length<br>total | Length<br>partial<br>thread | Bit<br>size | SPAX<br>Box<br>[pieces] | Master<br>carton<br>[pieces] | Pallet<br>qty |               |                        |
| d1                                   | Ls              | LgT                         | T           |                         |                              |               |               |                        |
| Craft package                        |                 |                             |             |                         |                              |               |               |                        |
| 4.0<br>Ø d <sub>k</sub> =<br>10.0 mm | 30              | 16                          | 20          | 200                     | 2,000                        | 126,000       | 0681040400303 | 291616                 |
|                                      | 34              | 16                          | 20          | 200                     | 2,000                        | 126,000       | 0681040400343 | 291623                 |
|                                      |                 |                             |             |                         |                              |               |               |                        |

For cabinet connections shank lengths adapted to 16mm and 19mm wall thicknesses



The SPAX-M reliably prevents splitting of MDF edges and allows flush insertion without pre-drilling and countersinking.

## SPAX-M for MDF boards in WIROX

### Flat countersunk head

Small 75°  
milling head



### **CUT point**

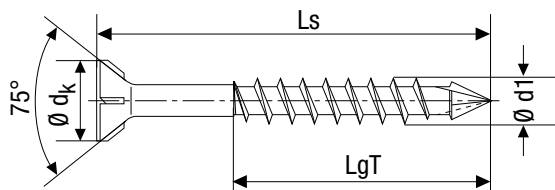
The arrow-shaped point pushes through the fibres of the wood. No pre-drilling (wood dependent).

### **SPAX-M**

The SPAX-M with partial thread enables the perfect fastening of MDF materials and thin-walled, wood-based products. MDF stands for medium-density fibreboard – in other words, extremely fine-pored, homogeneous furniture boards with edges that, unlike chipboard and OSB sheets, can be fastened with screws or nails.

Despite this, MDF boards tend to buckle or split at the edges when not pre-drilled. We developed SPAX-M to prevent exactly this. The combination of CUT point, which virtually drills the screw hole itself, the razor-sharp serrations and the small 75° milling head for flush screw countersinking ensures the simple fastening of MDF components.

Nevertheless, we recommend keeping a distance of at least 25 mm between SPAX-M and the edge of the board.



Zinc 10 µm class 2

WIROX  
A9J



**SPAX-M for MDF,  
flat countersunk head**

T-STAR *plus*,  
Partial thread  
Small 75° milling head, *CUT* point  
hardened, slide-coated

| Dimensions [mm]                |                 |                             |             | Packaging units         |                              |               | SPAX No.      | EAN code<br>4003530... |
|--------------------------------|-----------------|-----------------------------|-------------|-------------------------|------------------------------|---------------|---------------|------------------------|
| Thread-<br>Ø                   | Length<br>total | Length<br>partial<br>thread | Bit<br>size | SPAX<br>Box<br>[pieces] | Master<br>carton<br>[pieces] | Pallet<br>qty |               |                        |
| d1                             | Ls              | LgT                         | T           |                         |                              |               |               |                        |
| <b>Standard packaging</b>      |                 |                             |             |                         |                              |               |               |                        |
| <b>3.5</b><br>Ø dk =<br>6.0 mm | 40              | 28                          | 15          | 1,000                   | 10,000                       | 280,000       | 0441010350405 | 170348                 |
|                                | 45              | 30                          | 15          | 1,000                   | 10,000                       | 280,000       | 0441010350455 | 170355                 |
|                                | 50              | 35                          | 15          | 500                     | 5,000                        | 160,000       | 0441010350505 | 170362                 |
| <b>Craft package</b>           |                 |                             |             |                         |                              |               |               |                        |
| <b>3.5</b><br>Ø dk =<br>6.0 mm | 40              | 28                          | 15          | 200                     | 2,000                        | 126,000       | 0441010350403 | 168437                 |
|                                | 45              | 30                          | 15          | 200                     | 2,000                        | 126,000       | 0441010350453 | 168444                 |
|                                | 50              | 35                          | 15          | 200                     | 2,000                        | 126,000       | 0441010350503 | 168451                 |
| <b>Standard packaging</b>      |                 |                             |             |                         |                              |               |               |                        |
| <b>4.0</b><br>Ø dk =<br>7.0 mm | 40              | 28                          | 20          | 1,000                   | 10,000                       | 280,000       | 0441010400405 | 170379                 |
|                                | 45              | 30                          | 20          | 500                     | 5,000                        | 160,000       | 0441010400455 | 170386                 |
|                                | 50              | 35                          | 20          | 500                     | 5,000                        | 140,000       | 0441010400505 | 170393                 |
|                                | 60              | 40                          | 20          | 500                     | 5,000                        | 140,000       | 0441010400605 | 170409                 |
| <b>Craft package</b>           |                 |                             |             |                         |                              |               |               |                        |
| <b>4.0</b><br>Ø dk =<br>7.0 mm | 40              | 28                          | 20          | 200                     | 2,000                        | 126,000       | 0441010400403 | 168468                 |
|                                | 45              | 30                          | 20          | 200                     | 2,000                        | 126,000       | 0441010400453 | 168475                 |
|                                | 50              | 35                          | 20          | 200                     | 2,000                        | 126,000       | 0441010400503 | 168482                 |
|                                | 60              | 40                          | 20          | 100                     | 1,000                        | 63,000        | 0441010400603 | 168499                 |
| <b>Standard packaging</b>      |                 |                             |             |                         |                              |               |               |                        |
| <b>4.5</b><br>Ø dk =<br>8.0 mm | 45              | 30                          | 20          | 500                     | 5,000                        | 140,000       | 0441010450455 | 170416                 |
|                                | 50              | 35                          | 20          | 500                     | 5,000                        | 140,000       | 0441010450505 | 170423                 |
| <b>Craft package</b>           |                 |                             |             |                         |                              |               |               |                        |
| <b>4.5</b><br>Ø dk =<br>8.0 mm | 45              | 30                          | 20          | 200                     | 2,000                        | 126,000       | 0441010450453 | 168505                 |
|                                | 50              | 35                          | 20          | 200                     | 2,000                        | 64,000        | 0441010450503 | 168512                 |



The plastic cover caps elegantly camouflage the screw head and are easy to remove again.

**Flat  
countersunk  
head**

Centre drill  
(Ø 2.5 mm)

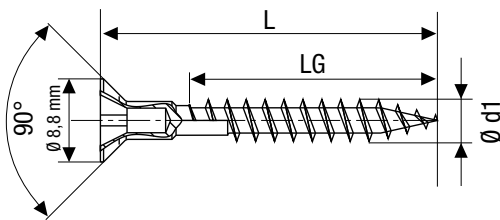


**UNIVERSAL SCREW  
WITH CENTRE DRILL  
(Ø 2.5 MM)**

In furniture construction and interior design, visible screw heads can certainly have a negative effect on aesthetics. But this doesn't mean you have to renounce the safety, durability and removability of a good screw connection. Our universal screw with head recess is equipped with a pin-shaped slot below the cross recess drive for inserting and securely positioning special plastic cover caps. These caps tastefully conceal the screw head and are available in various colours to ensure a perfect match for the furniture in question.



**Cover cap**



Zinc 10 µm class 2

WIROX  
A9J



### Universal screw flat countersunk head

Cross recess Z,  
full thread  
centre drill (Ø 2.5 mm)  
hardened, slide-coated

| Dimensions [mm]                         |                 |                  |             | Packaging units         |                              |               | SPAX No.      | EAN code 4003530... |
|-----------------------------------------|-----------------|------------------|-------------|-------------------------|------------------------------|---------------|---------------|---------------------|
| Thread-<br>Ø                            | Length<br>total | Length<br>thread | Bit<br>size | SPAX<br>box<br>[pieces] | Master<br>carton<br>[pieces] | Pallet<br>qty |               |                     |
| d1                                      | Ls              | Lg               | Z           |                         |                              |               |               |                     |
| Standard packaging                      |                 |                  |             |                         |                              |               |               |                     |
| 4.5<br><br>Ø d <sub>k</sub> =<br>8.8 mm | 20              | 11               | 2           | 1,000                   | 10,000                       | 320,000       | 0271010450205 | 017094              |
|                                         | 25              | 15               | 2           | 1,000                   | 10,000                       | 320,000       | 0271010450255 | 017100              |
|                                         | 30              | 20               | 2           | 1,000                   | 10,000                       | 280,000       | 0271010450305 | 017117              |
|                                         | 35              | 25               | 2           | 500                     | 5,000                        | 160,000       | 0271010450355 | 017124              |
|                                         | 40              | 30               | 2           | 500                     | 5,000                        | 160,000       | 0271010450405 | 017131              |
|                                         | 45              | 34               | 2           | 500                     | 5,000                        | 140,000       | 0271010450455 | 017148              |
|                                         | 50              | 39               | 2           | 500                     | 5,000                        | 140,000       | 0271010450505 | 017155              |
|                                         | 55              | 44               | 2           | 500                     | 5,000                        | 140,000       | 0271010450555 | 017162              |
|                                         | 60              | 49               | 2           | 500                     | 5,000                        | 140,000       | 0271010450605 | 017179              |
|                                         | 70              | 59               | 2           | 500                     | 2,500                        | 140,000       | 0271010450705 | 017186              |
|                                         | 80              | 59               | 2           | 200                     | 2,000                        | 64,000        | 0271010450805 | 017193              |
| 5.0<br><br>Ø d <sub>k</sub> =<br>9.7 mm | 60              | 49               | 2           | 500                     | 2,500                        | 140,000       | 0271010500605 | 017209              |
|                                         | 70              | 61               | 2           | 200                     | 2,000                        | 64,000        | 0271010500705 | 017216              |
|                                         | 80              | 61*              | 2           | 200                     | 2,000                        | 64,000        | 0271010500805 | 017223              |

### Plastic cover caps for SPAX with centre drill

500 unit pack

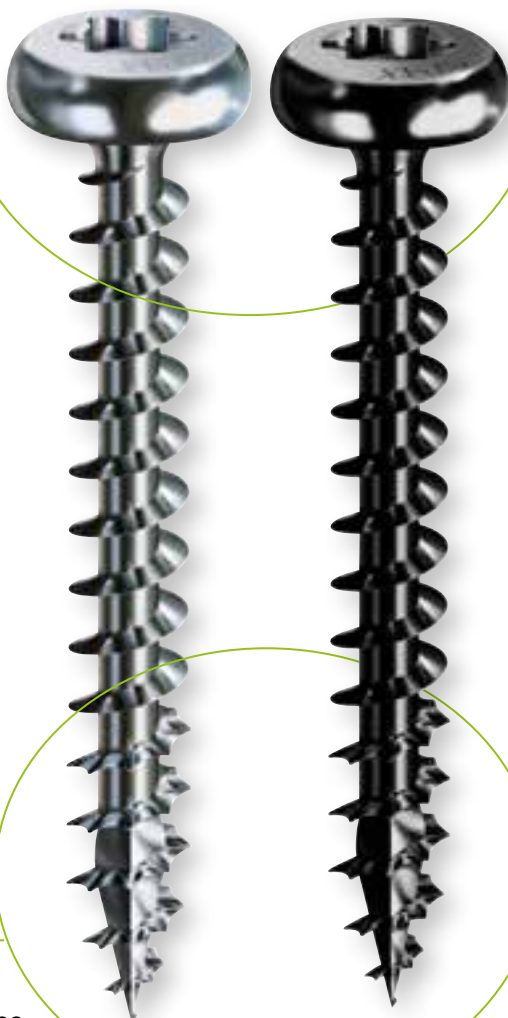
|             |               |               |               |               |
|-------------|---------------|---------------|---------------|---------------|
|             |               |               |               |               |
| Colour      | White         | Black         | Grey          | Beige         |
| SPAX number | 5000009200009 | 5000009900009 | 5000009800009 | 5000009400009 |
| EAN code    | 4003530039409 | 4003530039416 | 4003530039423 | 4003530039461 |
|             |               |               |               |               |
| Colour      | Ochre         | Fawn brown    | Mahogany      |               |
| SPAX number | 5000009300009 | 5000009500009 | 5000009700009 |               |
| EAN code    | 4003530039430 | 4003530039447 | 4003530039454 |               |



The pan head also reliably holds articulated metal fittings to wood and adapts to the shape and colour of the metal.

#### Flat countersunk head

Centre drill  
(Ø 2.5 mm)



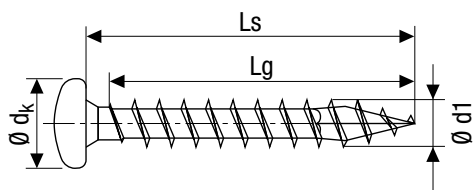
#### 4CUT

The square point pushes aside the fibre of the wood and reduces the screwing-in torque. No pre-drilling (wood dependent).

### UNIVERSAL SCREW WITH PAN HEAD

Screw connections can also be true eye-catchers if required and screw heads can even be a key design element. Our universal screw with pan head is the best example of this! The practically spherical design of the screw head with T-STAR *plus* drive is particularly suitable for the visible attachment of metal fittings on wood. The flat underside of the head lies flush against the metal, making the pan head both a necessary and attractive part of the fitting.

The full thread guarantees a secure hold between the components, even with articulated and frequently used fittings. Meanwhile, our WIROX surface adapts to the colour of the high-quality metal fittings.



Zinc 10 µm class 2

WIROX  
A9J



### Universal screw pan head

T-STAR *plus*,  
full thread  
4CUT  
hardened, slide-coated

| Dimensions [mm]                 |                 |                  |             | Packaging units         |                              |               | SPAX No.      | EAN code<br>4003530... |
|---------------------------------|-----------------|------------------|-------------|-------------------------|------------------------------|---------------|---------------|------------------------|
| Thread-<br>Ø                    | Length<br>total | Length<br>thread | Bit<br>size | SPAX<br>box<br>[pieces] | Master<br>carton<br>[pieces] | Pallet<br>qty |               |                        |
| d1                              | Ls              | Lg               | T           |                         |                              |               |               |                        |
| <b>Craft package</b>            |                 |                  |             |                         |                              |               |               |                        |
| <b>3.0*</b><br>Ø dk =<br>6.0 mm | 12              | 11               | 10          | 200                     | 2,000                        | 470,000       | 0201010300123 | 165740                 |
|                                 | 16              | 15               | 10          | 200                     | 1,000                        | 320,000       | 0201010300163 | 165764                 |
|                                 | 20              | 18               | 10          | 200                     | 1,000                        | 320,000       | 0201010300203 | 170461                 |
|                                 |                 |                  |             |                         |                              |               |               |                        |
| <b>4.0</b><br>Ø dk =<br>8.0 mm  | 16              | 15               | 20          | 200                     | 1,000                        | 320,000       | 0201010400163 | 165993                 |
|                                 | 20              | 18               | 20          | 200                     | 1,000                        | 320,000       | 0201010400203 | 166013                 |
|                                 | 30              | 27               | 20          | 200                     | 2,000                        | 126,000       | 0201010400303 | 166037                 |
|                                 | 40              | 37               | 20          | 200                     | 2,000                        | 126,000       | 0201010400403 | 166051                 |
| <b>5.0</b><br>Ø dk =<br>9.9 mm  | 20              | 17               | 20          | 200                     | 2,000                        | 126,000       | 0201010500203 | 166297                 |
|                                 | 35              | 32               | 20          | 200                     | 2,000                        | 126,000       | 0201010500353 | 166327                 |
|                                 | 40              | 37               | 20          | 200                     | 2,000                        | 126,000       | 0201010500403 | 166334                 |

\* Alternative Design.

fiZn/nc/TL/96

BLAX

| Dimensions [mm]                |                 |                  |             | Packaging units         |                              |               | SPAX No.      | EAN code<br>4003530... |
|--------------------------------|-----------------|------------------|-------------|-------------------------|------------------------------|---------------|---------------|------------------------|
| Thread-<br>Ø                   | Length<br>total | Length<br>thread | Bit<br>size | SPAX<br>Box<br>[pieces] | Master<br>carton<br>[pieces] | Pallet<br>qty |               |                        |
| d1                             | Ls              | Lg               | T           |                         |                              |               |               |                        |
| <b>Craft package</b>           |                 |                  |             |                         |                              |               |               |                        |
| <b>3.5</b><br>Ø dk =<br>7.0 mm | 12              | 11               | 15          | 1,000                   | 10,000                       | 630,000       | 0201040350123 | 291661                 |
|                                | 15              | 13               | 15          | 1,000                   | 10,000                       | 630,000       | 0201040350153 | 291678                 |
|                                | 25              | 23               | 15          | 1,000                   | 10,000                       | 320,000       | 0201040350253 | 291685                 |
|                                |                 |                  |             |                         |                              |               |               |                        |
| <b>4.0</b><br>Ø dk =<br>8.0 mm | 16              | 15               | 20          | 200                     | 1,000                        | 320,000       | 0201040400163 | 291692                 |
|                                | 20              | 18               | 20          | 200                     | 1,000                        | 320,000       | 0201040400203 | 291708                 |
|                                | 30              | 27               | 20          | 200                     | 2,000                        | 126,000       | 0201040400303 | 291715                 |
|                                | 40              | 37               | 20          | 200                     | 2,000                        | 126,000       | 0201040400403 | 291722                 |
| <b>5.0</b><br>Ø dk =<br>9.9 mm | 20              | 17               | 20          | 200                     | 2,000                        | 126,000       | 0201040500203 | 291739                 |
|                                | 35              | 32               | 20          | 200                     | 2,000                        | 126,000       | 0201040500353 | 291746                 |
|                                | 40              | 37               | 20          | 200                     | 2,000                        | 126,000       | 0201040500403 | 291753                 |



### Universal countersunk head

*MULTI* head with attractive appearance



### 4CUT and serrations

Effectively reduces the splitting effect and lower the screwing-in torque. No pre-drilling necessary.

## UNIVERSAL SCREW BLAX

The black universal screw is ideal for use in modern households in which black fittings and furniture are becoming increasingly popular. This enables visible fastening without any aesthetic impairment even on dark surfaces.

Applications include:

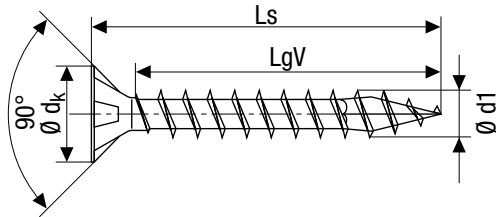
- ✚ Decorative furniture construction
- ✚ Furniture restoration
- ✚ Kitchen furniture
- ✚ Living room furniture
- ✚ Shelf fastening
- ✚ Handrails
- ✚ Door and window fittings
- ✚ Flat-pack furniture construction
- ✚ Pre-assembled furniture parts

The concealed wedge connector fitting system unites forces with the black SPAX universal screw to offer an impressive range of efficient application options in furniture construction. A perfect connection that also fulfils the highest aesthetic requirements.



**KEILVERBINDER**  
Fitting system

[www.keilverbinder.de](http://www.keilverbinder.de)



flZn/nc/TL/96 **BLAX**



**Universal screw  
flat countersunk head  
black**

T-STAR *plus*,  
full thread  
4CUT, MULTI head  
hardened, slide-coated

| Dimensions [mm]                          |                 |                                 |             | Packaging units         |                              |               | SPAX No.      | EAN code<br>4003530... |
|------------------------------------------|-----------------|---------------------------------|-------------|-------------------------|------------------------------|---------------|---------------|------------------------|
| Thread-<br>Ø                             | Length<br>total | Length<br>full<br>thread<br>LgV | Bit<br>size | SPAX<br>box<br>[pieces] | Master<br>carton<br>[pieces] | Pallet<br>qty |               |                        |
| d1                                       | Ls              | LgV                             | T           |                         |                              |               |               |                        |
| Craft package                            |                 |                                 |             |                         |                              |               |               |                        |
| 3.0*<br><br>Ø d <sub>k</sub> =<br>6.0 mm | 16              | 14                              | 10          | 200                     | 1,000                        | 320,000       | 1191040300163 | 275623                 |
|                                          | 20              | 17                              | 10          | 200                     | 1,000                        | 320,000       | 1191040300203 | 275630                 |
|                                          | 25              | 21                              | 10          | 200                     | 1,000                        | 320,000       | 1191040300253 | 275647                 |
|                                          | 30              | 26                              | 10          | 200                     | 1,000                        | 320,000       | 1191040300303 | 275654                 |
| 3.5<br><br>Ø d <sub>k</sub> =<br>7.0 mm  | 16              | 13                              | 20          | 200                     | 1,000                        | 320,000       | 1191040350163 | 275661                 |
|                                          | 20              | 16                              | 20          | 200                     | 1,000                        | 320,000       | 1191040350203 | 275678                 |
|                                          | 25              | 21                              | 20          | 200                     | 1,000                        | 320,000       | 1191040350253 | 283932                 |
|                                          | 30              | 25                              | 20          | 200                     | 1,000                        | 320,000       | 1191040350303 | 275685                 |
|                                          | 40              | 35                              | 20          | 200                     | 2,000                        | 126,000       | 1191040350403 | 275692                 |
|                                          | 50              | 40                              | 20          | 200                     | 2,000                        | 126,000       | 1191040350503 | 283949                 |
| 4.0<br><br>Ø d <sub>k</sub> =<br>8.0 mm  | 16              | 13                              | 20          | 200                     | 1,000                        | 320,000       | 1191040400163 | 275708                 |
|                                          | 20              | 16                              | 20          | 200                     | 1,000                        | 320,000       | 1191040400203 | 275715                 |
|                                          | 25              | 21                              | 20          | 200                     | 1,000                        | 320,000       | 1191040400253 | 275722                 |
|                                          | 30              | 25                              | 20          | 200                     | 2,000                        | 126,000       | 1191040400303 | 275739                 |
|                                          | 35              | 30                              | 20          | 200                     | 2,000                        | 126,000       | 1191040400353 | 275746                 |
|                                          | 40              | 35                              | 20          | 200                     | 2,000                        | 126,000       | 1191040400403 | 275753                 |
|                                          | 50              | 45                              | 20          | 200                     | 2,000                        | 126,000       | 1191040400503 | 275760                 |
|                                          | 60              | 50**                            | 20          | 200                     | 2,000                        | 64,000        | 1191040400603 | 275777                 |
| 4.5<br><br>Ø d <sub>k</sub> =<br>8.8 mm  | 20              | 15                              | 20          | 200                     | 1,000                        | 320,000       | 1191040450203 | 275784                 |
|                                          | 25              | 20                              | 20          | 200                     | 1,000                        | 320,000       | 1191040450253 | 275791                 |
|                                          | 30              | 25                              | 20          | 200                     | 2,000                        | 126,000       | 1191040450303 | 275807                 |
|                                          | 40              | 34                              | 20          | 200                     | 2,000                        | 126,000       | 1191040450403 | 275814                 |
|                                          | 45              | 39                              | 20          | 200                     | 2,000                        | 126,000       | 1191040450453 | 281181                 |
|                                          | 60              | 54                              | 20          | 100                     | 1,000                        | 63,000        | 1191040450603 | 281198                 |
| 5.0<br><br>Ø d <sub>k</sub> =<br>9.7 mm  | 20              | 15                              | 20          | 200                     | 2,000                        | 126,000       | 1191040500203 | 275821                 |
|                                          | 30              | 25                              | 20          | 200                     | 2,000                        | 126,000       | 1191040500303 | 275838                 |
|                                          | 40              | 35                              | 20          | 200                     | 2,000                        | 126,000       | 1191040500403 | 275845                 |
|                                          | 50              | 44                              | 20          | 200                     | 2,000                        | 64,000        | 1191040500503 | 275852                 |

\* Alternative Design. \*\* Alternative Design. Thread does not extend completely up to the head.

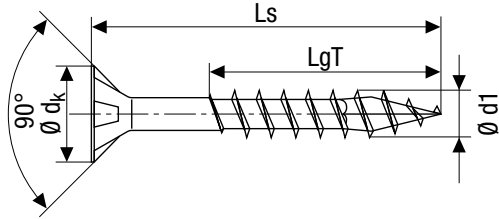


**Universal  
countersunk head**  
*MULTI* head with  
attractive appearance



**4CUT and  
serrations**  
Effectively reduces the  
splitting effect and  
lower the screwing-in  
torque. No pre-drilling  
necessary.





flZn/nc/TL/96 **BLAX**



**Universal screw  
flat countersunk head  
black**

T-STAR *plus*,  
Partial thread  
4CUT, MULTI head  
hardened, slide-coated

| Dimensions [mm]                      |                 |                             |             | Packaging units         |                              |               | SPAX No.      | EAN code 4003530... |
|--------------------------------------|-----------------|-----------------------------|-------------|-------------------------|------------------------------|---------------|---------------|---------------------|
| Thread-<br>Ø                         | Length<br>total | Length<br>partial<br>thread | Bit<br>size | SPAX<br>Box<br>[pieces] | Master<br>carton<br>[pieces] | Pallet<br>qty |               |                     |
| d1                                   | Ls              | LgT                         | T           |                         |                              |               |               |                     |
| Craft package                        |                 |                             |             |                         |                              |               |               |                     |
| 3.0*<br>Ø d <sub>k</sub> =<br>6.0 mm | 30              | 23                          | 20          | 200                     | 2,000                        | 126,000       | 0191040300303 | 291777              |
|                                      | 35              | 23                          | 20          | 200                     | 2,000                        | 126,000       | 0191040300353 | 291784              |
|                                      | 40              | 30                          | 20          | 200                     | 2,000                        | 126,000       | 0191040300403 | 291791              |
| 3.5<br>Ø d <sub>k</sub> =<br>7.0 mm  | 30              | 18                          | 20          | 200                     | 1,000                        | 320,000       | 0191040350303 | 291807              |
|                                      | 35              | 23                          | 20          | 200                     | 2,000                        | 126,000       | 0191040350353 | 291814              |
|                                      | 40              | 23                          | 20          | 200                     | 2,000                        | 126,000       | 0191040350403 | 291821              |
|                                      | 45              | 30                          | 20          | 200                     | 2,000                        | 126,000       | 0191040350453 | 291838              |
| 4.0<br>Ø d <sub>k</sub> =<br>8.0 mm  | 30              | 18                          | 20          | 200                     | 2,000                        | 126,000       | 0191040400303 | 291845              |
|                                      | 35              | 23                          | 20          | 200                     | 2,000                        | 126,000       | 0191040400353 | 291852              |
|                                      | 40              | 23                          | 20          | 200                     | 2,000                        | 126,000       | 0191040400403 | 291869              |
|                                      | 45              | 30                          | 20          | 200                     | 2,000                        | 126,000       | 0191040400453 | 291876              |
|                                      | 50              | 32                          | 20          | 200                     | 2,000                        | 126,000       | 0191040400503 | 291883              |
|                                      | 60              | 37                          | 20          | 100                     | 1,000                        | 63,000        | 0191040400603 | 291890              |
| 4.5<br>Ø d <sub>k</sub> =<br>8.8 mm  | 35              | 25                          | 20          | 200                     | 2,000                        | 126,000       | 0191040450353 | 291906              |
|                                      | 40              | 25                          | 20          | 200                     | 2,000                        | 126,000       | 0191040450403 | 291913              |
|                                      | 45              | 30                          | 20          | 200                     | 2,000                        | 126,000       | 0191040450453 | 291920              |
|                                      | 50              | 32                          | 20          | 200                     | 2,000                        | 64,000        | 0191040450503 | 291937              |
|                                      | 60              | 37                          | 20          | 100                     | 1,000                        | 63,000        | 0191040450603 | 291944              |
|                                      | 80              | 47                          | 20          | 100                     | 1,000                        | 32,000        | 0191040450803 | 291951              |
| 5.0<br>Ø d <sub>k</sub> =<br>9.7 mm  | 40              | 27                          | 20          | 200                     | 2,000                        | 126,000       | 0191040500403 | 291968              |
|                                      | 50              | 32                          | 20          | 200                     | 2,000                        | 64,000        | 0191040500503 | 291975              |
|                                      | 60              | 37                          | 20          | 100                     | 1,000                        | 63,000        | 0191040500603 | 291982              |
|                                      | 80              | 46                          | 20          | 100                     | 1,000                        | 32,000        | 0191040500803 | 291999              |
|                                      | 100             | 61                          | 20          | 100                     | 1,000                        | 32,000        | 0191040501003 | 292002              |

\* Alternative Design.



**SPAX Box systainer<sup>3</sup>**  
**T-Loc furniture**  
**construction**

2,900 pcs. SPAX furniture screws flat countersunk head and flat flange head T-STAR *plus* in 12 dimensions plus 5 SPAX T-STAR *plus* bits (2 x T10 and 3 x T20).

|               |                          |
|---------------|--------------------------|
| SPAX number   | 5000009172011            |
| EAN code      | 4003530291760            |
| Shipping unit | 1 piece in master carton |

**WIROX**  
A9J



**WIROX**  
A9J



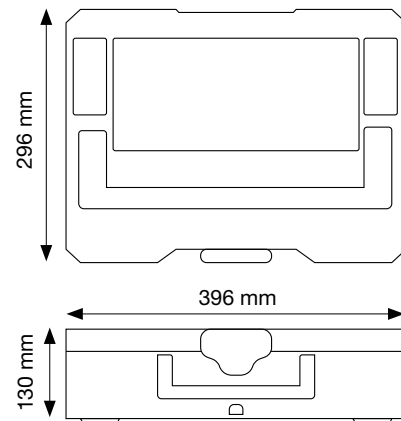
**Nickel-plated**

**E1J**



T 10  
2 x

T 20  
3 x



|                                                                                                                      |                                                                                                                    |                                                                                                                     |                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
|  <p>300<br/>3.5 x 20<br/>T 20</p> |  <p>400<br/>4 x 20<br/>T 20</p> |  <p>200<br/>4 x 30<br/>T 20</p> |  <p>150<br/>4 x 40<br/>T 20</p>   |
|  <p>400<br/>3.5 x 16<br/>T 20</p> |  <p>300<br/>4 x 20<br/>T 20</p> |  <p>150<br/>4 x 30<br/>T 20</p> |  <p>250<br/>3 x 30<br/>T 10</p>   |
|  <p>200<br/>4 x 16<br/>T 20</p>   |  <p>200<br/>4 x 25<br/>T 20</p> |  <p>150<br/>4 x 34<br/>T 20</p> |  <p>200<br/>3.5 x 30<br/>T 20</p> |

The contents are precisely tailored to the assembly requirements of furniture and kitchen builders, joiners and carpenters. SPAX flange head screws with flat flange head, full thread, T-STAR *plus* and WIROX surface are ideal for fastening hardboard rear walls.

They offer higher tightening torques for fastening shelf and cabinet rear walls without damaging or deforming the material.

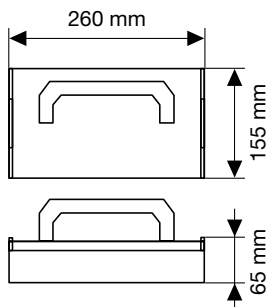
SPAX cabinet connector screws with flat flange head and partial thread are nickel-plated and are ideal for cabinet connections in furniture construction.





**SPAX L-BOXX  
Mini BLAX**

SPAX flat countersunk head, T-STAR *plus*  
800 flat countersunk head screws in 6 dimensions T 20  
plus 3 SPAX T-STAR *plus* bits T 20



|               |                          |
|---------------|--------------------------|
| SPAX number   | 5000009162029            |
| EAN code      | 4003530292033            |
| Shipping unit | 1 piece in master carton |

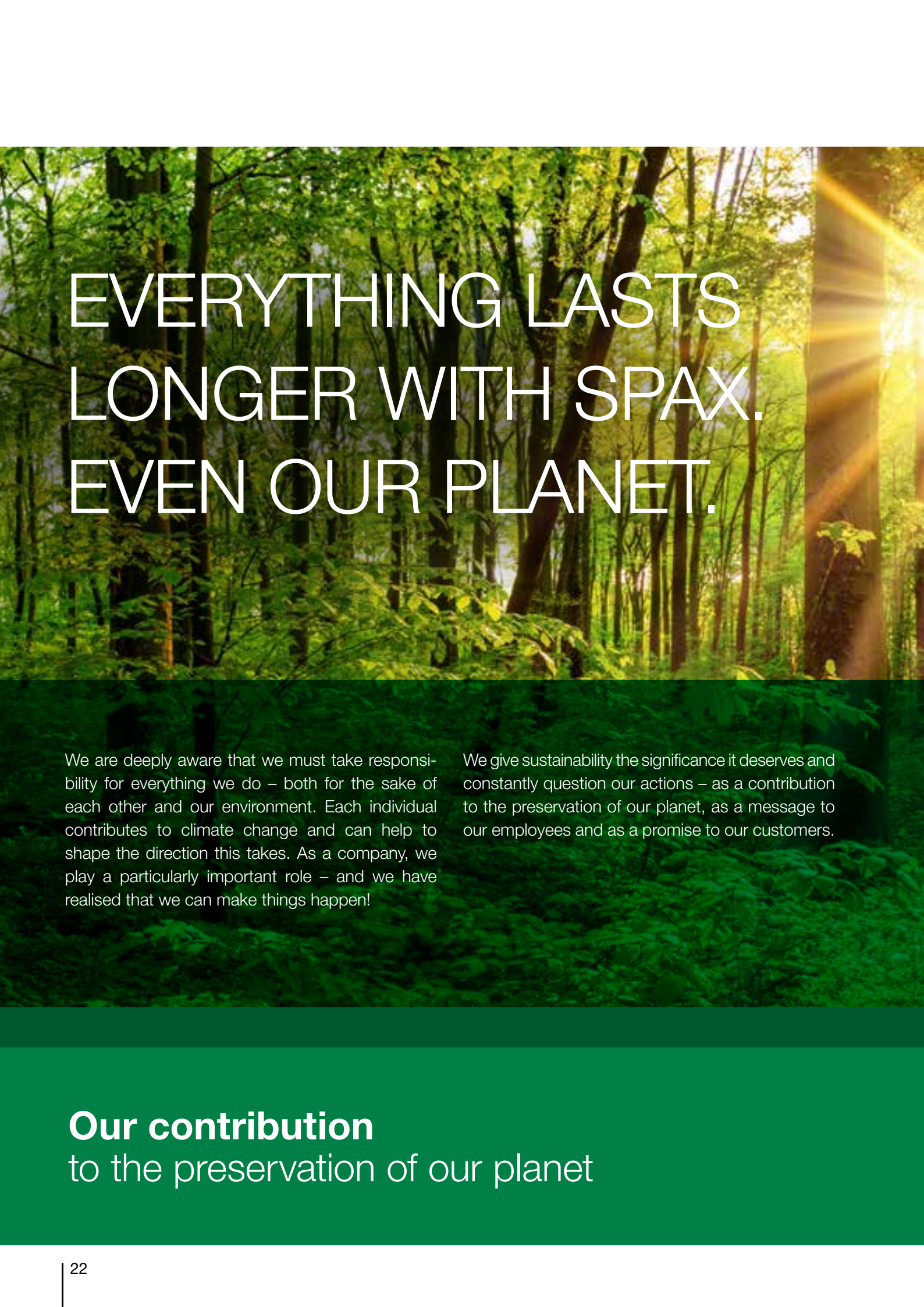


|                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| 200<br>3.5 x 16<br>T 20 ■ | 200<br>3.5 x 30<br>T 20 ■ | 100<br>3.5 x 40<br>T 20 ■ |
| 150<br>4.0 x 25<br>T 20 ■ | 100<br>4.0 x 35<br>T 20 ■ | 50<br>4.0 x 50<br>T 20 ■  |

T 20  
3 x

■ = T-STAR *plus* full thread



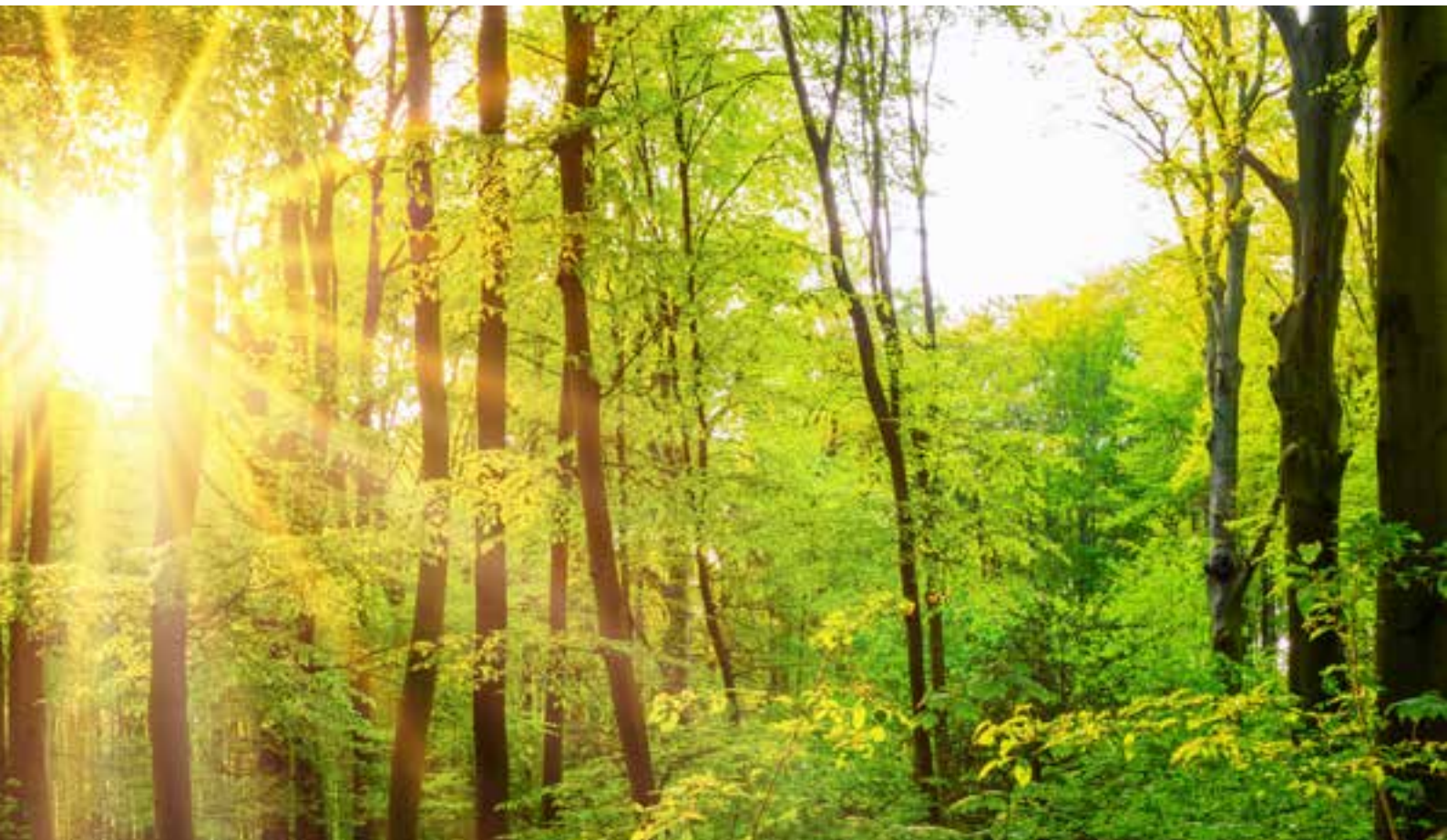


# EVERYTHING LASTS LONGER WITH SPAX. EVEN OUR PLANET.

We are deeply aware that we must take responsibility for everything we do – both for the sake of each other and our environment. Each individual contributes to climate change and can help to shape the direction this takes. As a company, we play a particularly important role – and we have realised that we can make things happen!

We give sustainability the significance it deserves and constantly question our actions – as a contribution to the preservation of our planet, as a message to our employees and as a promise to our customers.

**Our contribution**  
to the preservation of our planet



We want to avoid – or at least start by reducing – the consumption of energies, particularly from fossil sources. That is why we are working towards the following goals:



Products



No waste



Frugality



Environmental  
protection



Process  
optimisation



Resources

**SPAX International GmbH & Co. KG**

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