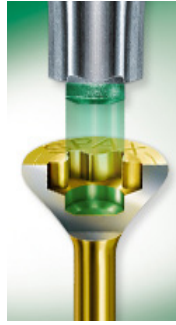


# SPAX SCREWS

# SPAX FEATURES

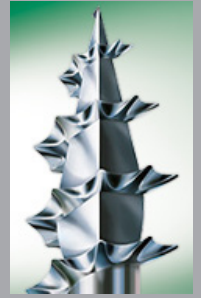
## SPAX T-STAR Plus Recess

The recess offers all the advantages of the SPAX T-STAR recess (no cam-out effect, minimises contact pressure force, accepts higher torques). In addition, this recess has a small depression in the screw head below the driving surface, into which the appropriate SPAX T-STAR plus BIT with guide cone can be inserted precisely. This SPAX T-STAR plus connection ensures optimal force transmission, a long service life for the SPAX T-STAR plus BITS, and a perfect fit. Even trouble-free overhead use of SPAX is possible, as the screw is guided considerably better, and can no longer fall off the BIT.



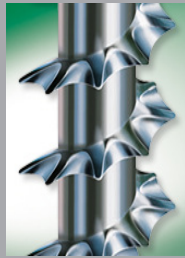
## SPAX 4CUT Point

This makes it possible to insert screws without pre-drilling (wood-dependent). This is achieved by means of the special screw point. The square end pushes aside the fibres of the wood. This effectively reduces splitting in the material and hence reduces the screwing-in torque required. For hard wood types, we recommend pre-drilling even for SPAX with 4CUT point.



## SPAX Ground Serrations

The advantage of a thread with SPAX ground serrations as opposed to a conventional thread is that it can cut through the fibres of the material more easily. This functions similarly to a serrated knife, which offers the same advantages e.g. when cutting a tomato. The SPAX ground serrations on the thread of the SPAX, in combination with the SPAX 4CUT point allow use without pre-drilling (wood-dependent).



## Cross recess, type Z (Pozi)

This recess, also known as the double-cross, is a further development of the recess designed by Phillips. The difference lies in the fact that the four flanks of the screwdriver bit do not taper towards the tip. This reduces the cam-out effect somewhat. For this reason, the cross recess Z is a recess frequently used at SPAX.



## SPAX MULTI Head

Has recessed pocket segments. Edges are thus formed between the individual segments, which reveal their cutting effect when they come into contact with wood. The head is thus countersunk cleanly and flush. If a SPAX with SPAX MULTI Head is used for attaching a metal fitting, the non-recessed surfaces of the screw stop when they come into contact with the metal fitting. This effectively prevents over-screwing the screw, and creates a solid connection between the metal fitting and the component. The surfaces are not damaged.



## Stainless Steel & WIROX

SPAX made from stainless steel are particularly suitable for outdoor use. These are available in the stainless steel A2 design for outdoor applications directly exposed to the elements, as well as for use in humid indoor spaces (e.g. kitchen and bathroom). For applications in coastal areas, we recommend the stainless steel A4 design. The new WIROX coating of SPAX offers 10 times higher corrosion protection in the neutral salt-spray fog test than is required by standard for conventional yellow zinc coating, and has considerably higher surface hardness. This makes it ideal for outdoor use in structures such as e.g. carports or pergolas, which are not directly exposed to the elements.

## SPAX Cylinder Head

The SPAX with cylinder head can easily be sunk into wood, and thanks to the small head diameter results in an almost invisible screwed connection. The reduced splitting effect when sinking the head makes SPAX with cylinder heads particularly popular in timber construction and terracing applications.

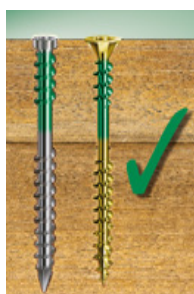


## Countersunk head

The countersunk head is the most commonly used screw head geometry. It has a conical form and is characterised in the case of SPAX by the 90° SPAX MULTI Head. It can be optimally inserted into wood materials, and closes flush with the surface.

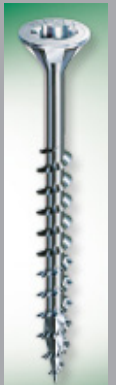
## Partial thread

The partial thread only extends over part of the length of the screw. Screws with partial thread are particularly suitable for attaching wooden boards to wooden beams. The non-threaded part should always be selected such that it corresponds to at least the thickness of the board to be screwed into place. The thread tightens securely into the lower piece of wood, while the upper piece of wood is held tightly against the lower by the screw head.



## Fixing Thread

The fixing thread is a second thread immediately below the head of the SPAX. The fixing thread guarantees a secure and permanent connection of two wood components. In particular when laying wooden flooring indoors using the SPAX flooring screw, or when building a wooden deck outdoors using stainless steel SPAX-D, the fixing thread holds the cover board permanently onto the substructure. This thus minimises creaking from the floor structure.



# SPAX UNIVERSAL SCREWS

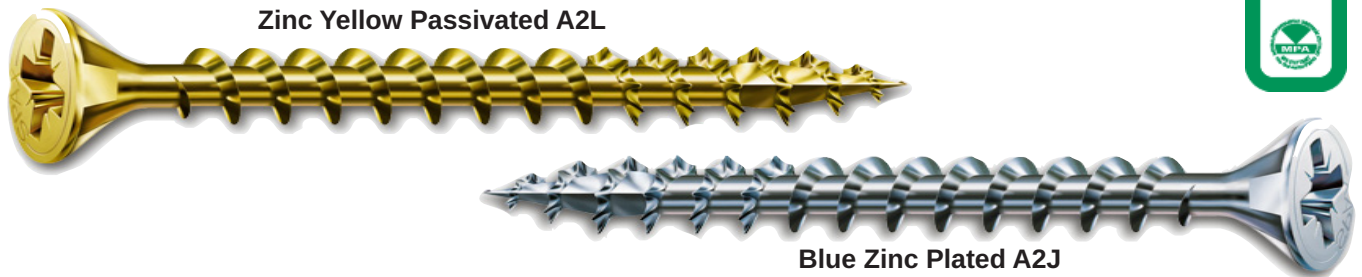
Wide range of applications for true universal use

## Features

- Cross Recess Z
- SPAX 4CUT Point
- SPAX Ground Serrations
- SPAX Multi Head

## Advantages

- Quick and easy to use
- Universal use
- No splitting
- No pre-drilling, immediate grip



Zinc Yellow Passivated A2L

Blue Zinc Plated A2J

Thread Ø	Length	Type	Pcs/Box
3	12	Z1	200
	16	Z1	200
	20	Z1	200
	25	Z1	200
	30	Z1	200
	40	Z1	200
3.5	12	Z2	200
	16	Z2	200
	20	Z2	200
	25	Z2	200
	30	Z2	200
	35	Z2	200
	40	Z2	200
	45	Z2	200
4	16	Z2	200
	20	Z2	200
	25	Z2	200
	30	Z2	200
	35	Z2	200
	40	Z2	200
	45	Z2	200
	50	Z2	200
4.5	20	Z2	200
	25	Z2	200

Thread Ø	Length	Type	Pcs/Box
4.5	30	Z2	200
	35	Z2	200
	40	Z2	200
	45	Z2	200
	50	Z2	200
	60	Z2	100
5	70	Z2	100
	80	Z2	100
	20	Z2	200
	25	Z2	200
	30	Z2	200
	40	Z2	200
	50	Z2	200
	60	Z2	100
6	70	Z2	100
	80	Z2	100
	90	Z2	100
	100	Z2	100
	40	Z3	200
	50	Z3	100
	60	Z3	100
	70	Z3	100
6	80	Z3	100
	90	Z3	100
	100	Z3	100
	120	Z3	100
	150	Z3	100

# SPAX UNIVERSAL SCREWS

## TRADE PACKS

SPAX Universal Screws in packs suitable for trade

Thread Ø	Length	Type	Pcs/Box
3	16	Z1	1000
3.5	15	Z2	1000
	16	Z2	1000
	17	Z2	1000
	20	Z2	1000
	25	Z2	1000
	30	Z2	1000
	40	Z2	1000
	50	Z2	500
4	16	Z2	1000

Thread Ø	Length	Type	Pcs/Box
4	17	Z2	1000
	20	Z2	1000
	25	Z2	1000
	27	Z2	1000
	30	Z2	1000
	40	Z2	1000
	50	Z2	500
	60	Z2	500
	70	Z2	500

# SPAX STAINLESS STEEL SCREWS

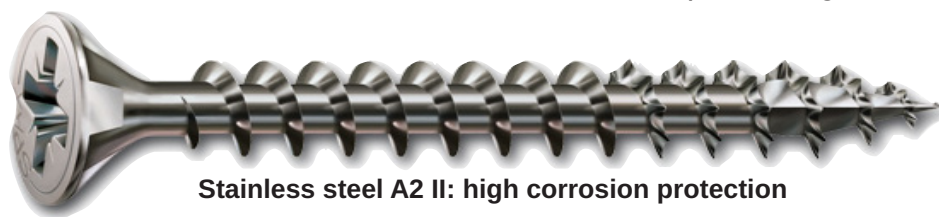
Outdoor applications - Direct exposure to elements

### Features

- A2 Stainless Steel
- SPAX T-STAR plus
- SPAX 4CUT Point
- SPAX Ground Serrations
- SPAX Multi Head
- Cross Recess Z

### Advantages

- Safety against corrosion in outside areas
- Quick and easy to use
- Universal use
- No splitting
- No pre-drilling, immediate grip



Stainless steel A2 II: high corrosion protection

Thread Ø	Length	Type	Pcs/Box
3.5	16	Z2	200
	20	Z2	200
	25	Z2	200
	30	Z2	200
	4	20	Z2
4	25	Z2	200
	30	Z2	200
	40	Z2	200
	50	Z2	200
	60	Z2	100
4.5	30	Z2	200

Thread Ø	Length	Type	Pcs/Box
5	30	Z2	200
	40	Z2	200
	50	Z2	200
	60	Z2	100
	70	Z2	100
	80	Z2	100
6	100	Z2	100
	60	Z3	100
	80	Z3	100
	100	Z3	100

# SPAX WIROX SCREWS (EXTERIOR SCREWS)

Attachment of counter-battens and wood based panels  
(e.g. suction-proof fastening of roof battens)

Thread Ø	Length	Type	Pcs/Box
6	60	T30	200
	80	T30	200
	100	T30	100
	120	T30	100
	140	T30	100
	160	T30	100
	180	T30	100

### Features

- Wide overlying Washer Head
- WIROX P3J
- SPAX 4CUT Cutter
- Partial Thread
- SPAX T-STAR Plus
- SPAX 4CUT point
- SPAX Ground Serrations

### Advantages

- Considerably reduced screwing-in torque and reduced splitting effect
- WIROX P3J: The surface with extremely high protection against corrosion
- Higher head traction forces than countersunk head screws
- Under licensing number Z-9.1-235, Z-9.1-511 – approved by building authorities for fastening rooftop insulation systems



WIROX P3J: The surface with extremely high protection against corrosion

# SPAX DECKING SCREWS

STAINLESS STEEL & WIROX

The outdoor decking screw with three way action



### Features

- SPAX T-STAR plus
- SPAX CUT Point
- Fixing Thread
- Stainless Steel - A2 & A4
- Cylindrical Head

### Advantages

- The fixing thread fixes the top board
- Minimises creaking of floor structure
- The small cylinder head pulls flush into the wood and provides the perfect appearance



### A2 Stainless Steel

Thread Ø	Length	Type	Pcs/Box
5.0	50	T20	200
	60	T20	100
	70	T20	100
	80	T20	100
	60	T20	500

### Wirox

Thread Ø	Length	Type	Pcs/Box
4.5	50	T20	200
	60	T20	100
	70	T20	100
	80	T20	100
	60	T20	500



A2 & A4 Stainless Steel: high corrosion protection

# SPAX RA - CONCRETE SCREWS

Installation of window and door frames made from plastic and aluminium into mineral materials (brick, concrete, etc) and wood

## Features

- SPAX Ground Serrations
- SPAX T-STAR Plus
- Flat countersunk head

## Advantages

- Plug-free window and doorframe fastening
- Time-saving application

Thread Ø	Length	Drive	Bit Size	Pcs/Box
7.5	60	T30	6	100
	80	T30	6	100
	100	T30	6	100
	110	T30	6	100
	120	T30	6	100
	130	T30	6	100
	150	T30	6	100



Blue zinc plated A2J

# SPAX FLOOR BOARD SCREWS

For secure fixings of composite sheet floorings

Thread Ø	Length	Type	Pcs/Box
4.5	50	T20	500

Zinc yellow passivated A2L



## Advantages

- Fixing thread holds the board in place
- Minimises creaking of floor structure



# SPAX PAN HEAD SCREWS

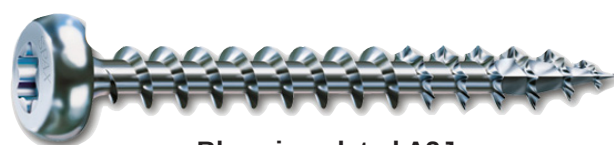
Visible attachment of metal fittings

Thread Ø	Length	Type	Pcs/Box
3.5	16	T15	200
	20	T15	200
	25	T15	200
4	30	T20	200
	40	T20	200
	50	T20	200
5	25	T20	200
	30	T20	200

Other sizes available on request

## Advantages

- Secure attachment of the fitting
- Higher head traction force



Blue zinc plated A2J

# SPAX LONG SCREWS

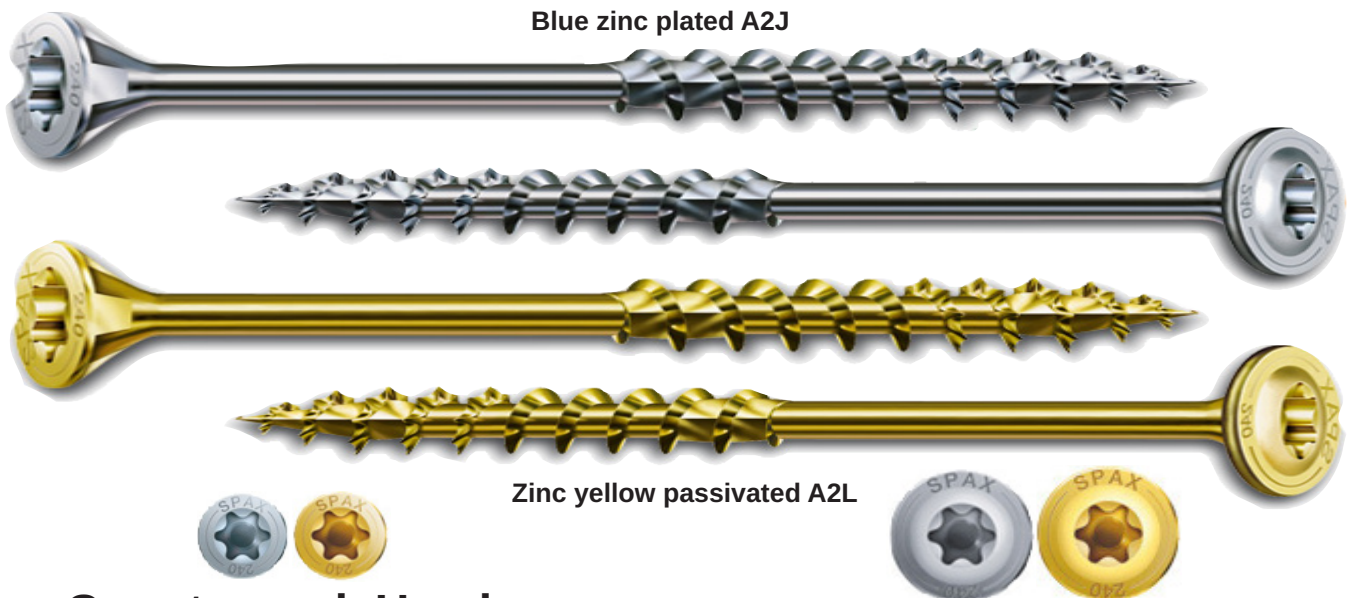
## Roofing Applications & General Construction

### Features

- SPAX 4CUT cutter
- SPAX 4CUT point
- SPAX T-STAR Plus
- Partial thread
- SPAX ground serrations
- SPAX MULTI Head

### Advantages

- Considerably reduced screwing-in torque and reduced splitting effect
- Length specification and manufacturer logo on the head



### Countersunk Head

### Disc Head

Thread Ø	Length	Drive	Pcs/Box
8	100	T40	50
	120	T40	50
	140	T40	50
	160	T40	50
	180	T40	50
	200	T40	50
	220	T40	50
	240	T40	50
	260	T40	50
	280	T40	50
	300	T40	50
	320	T40	50
	340	T40	50
	360	T40	50
	380	T40	50
	400	T40	50
	450	T40	25

Thread Ø	Length	Drive	Pcs/Box
8	100	T40	50
	120	T40	50
	140	T40	50
	160	T40	50
	180	T40	50
	200	T40	50
	220	T40	50
	240	T40	50
	260	T40	50
	280	T40	50
	300	T40	50
	320	T40	50
	340	T40	50
	360	T40	50
	380	T40	50
	400	T40	50
	450	T40	25

Other sizes available on request

Other sizes available on request

# SPAX-MDF SCREWS

## The secure fastening of fibreboards (MDF/HDF)

### Features

- SPAX T-STAR plus
- SPAX CUT Point
- Partial Thread
- SPAX Ground Serrations
- SPAX Multi Head

### Advantages

- Quick and easy to use
- Universal use
- No splitting
- No pre-drilling, immediate grip



Blue zinc plated A2J

Thread Ø	Length	Type	Pcs/ Box
3.5	40	T15	200
	45	T15	200
	50	T15	200
4	40	T20	200
	45	T20	200

Thread Ø	Length	Type	Pcs/ Box
4	50	T20	200
	60	T20	100
4.5	45	T20	200
	50	T20	200

## SPAX ASSORTMENT Box

- Pozi only
- gold and silver

## SPAX BIT PROGRAMME

Size	Pcs/ Box
T10	5
T15	5
T20	5
T25	5
T30	5
T40	5
T50	5
ABC Bit Box	20



ABC Bit-Box  
20 pieces



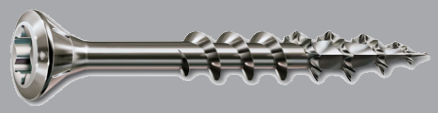


# WINDOW PROGRAMME

## SPAX FEX-H SCREWS

Fastening fittings to wooden window frames

Thread Ø	Length	Type	Pcs/Box
4	30	Z2	1000
	35	Z2	1000
	40	Z2	1000



## SPAX FEX-P SCREWS

The mounting screw with cover cap to connect plastic profiles

Thread Ø	Length	Type	Pcs/Box
5	65	Z2	200
	80	Z2	200
	95	Z2	200



## SPAX FEX SCREWS

Fitting attachment in PVC and wooden profiles

Thread Ø	Length	Type	Pcs/Box
4	25	Z2	3000
	28	Z2	2000
	33	Z2	2000
	38	Z2	2000



## SPAX FEX-KS SCREWS

Fastening fixtures to plastic profiles

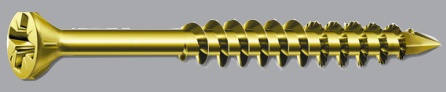
Thread Ø	Length	Type	Pcs/Box
4	16	Z2	1000
	20	Z2	1000
	25	Z2	1000
	30	Z2	1000
	35	Z2	1000
	40	Z2	1000
	45	Z2	500
	55	Z2	500
5	25	Z2	1000
	40	Z2	500



## SPAX GLASS STRIP SCREWS

Fastening of lacquered glass strips to building elements from wood materials

Thread Ø	Length	Type	Pcs/Box
3.5	40	Z2	200



## SPAX FEX-A SCREWS

Fastening single-wall UPVC profiles with a reinforcement in direct contact with the reinforcement chamber

Thread Ø	Length	Type	Pcs/Box
3.9	13	Z2	1000
	16	Z2	1000
	19	Z2	1000
	25	Z2	1000
	32	Z2	1000
	38	Z2	1000



## SPAX FEX-RS SCREWS

Clamping of roller blind guides, weather brackets, covering and wall connection profiles

Thread Ø	Length	Collar Ø	Drive	Pcs/Box
5	12	9.5	Z2	400
	10	10.4	Z2	400
10	10	12	Z2	400
	11	11	Z2	400
	12	11	Z2	400
10	10	9.5	Z2	400

