

2015

PRODUCT CATALOGUE



AU3

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Please note that all prices shown are exclusive of GST, and subject to change without notice. Prices are ex warehouse and freight charges will apply unless agreed otherwise.

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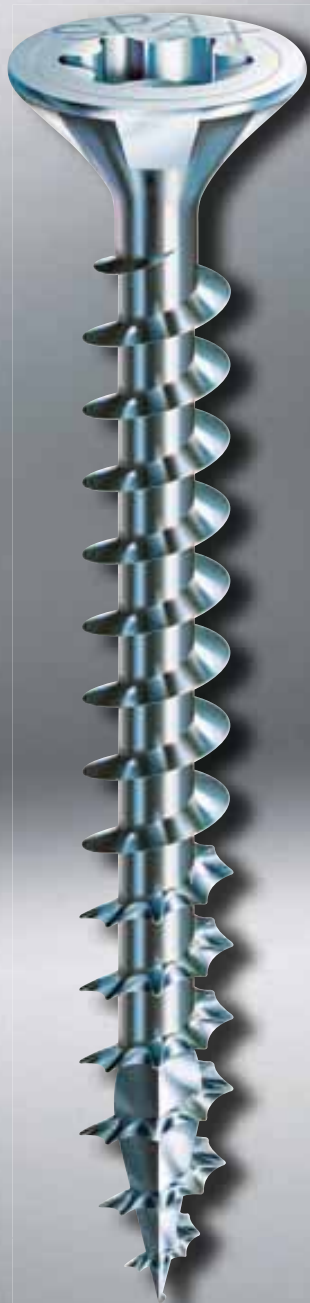
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Sometimes, it's sharp to be square.

SPAX, the best screw you can use. 4CUT with MULTI Head and ground serrations make for a high-tech screw, which is world class.

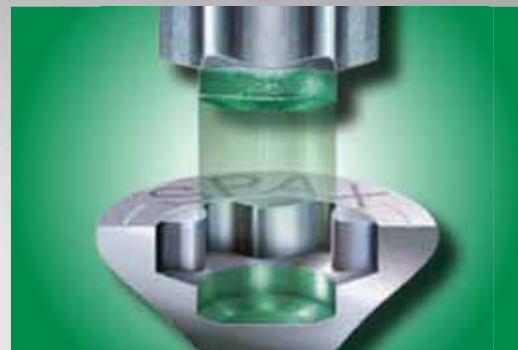
The technology:

With SPAX you get optimised features which give perfect solutions as standard.



T-STAR plus

positive and secure fit of the BIT and better driving, e. g. when working overhead.



MULTI Head

flush countersinking. Mills in wood and stops on metal.



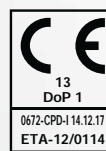
Ground serrations

for quick and secure fastening.



4CUT

no pre-drilling (wood-dependent), its point effectively reduces the splitting effect. The square end pushes aside the fibre of the wood and reduces the screwing-in torque.





SPAX International
GmbH & Co. KG -

We get involved - at home and abroad

SPAX is a company with a long standing tradition and a great future.

While our SPAX brand has become available all over the world, we know where we belong. This is why we remain loyal to the "Made in Germany" commitment and will keep our Ennepetal site.

At the Ennepetal site, we provide dedicated and qualified vocational training in our apprenticeship workshop.

Also, part of our corporate philosophy is to be actively involved in our local community – as is our commitment in a globalised world.



-  SPAX International, Ennepetal
-  SPAX TORNILLERIA, Madrid
-  SPAX SAFER, Barcelona
-  SPAX UK, Wolverhampton
-  SPAX FRANCE, Paris
-  SPAX POLSKA, Krakau
-  SPAX ISTANBUL BAGLANTI
TEKNIGI TICARET, Istanbul
-  SPAX Asia, Hong Kong
-  ALTENLOH, BRINCK & CO. U.S.,
INC., Bryan, OH
-  SPAX PACIFIC, Brisbane
and Auckland

HERE WE ARE



spaxpacific.com



Notes:





Wide range of applications
for multi-purpose usage

SPAX® –
*as incredible
as it looks*

- Quick and easy to use
- Universal application
- Reduces splitting
- No pre-drilling necessary (wood-dependent)



A2
AISI 304

Stainless steel

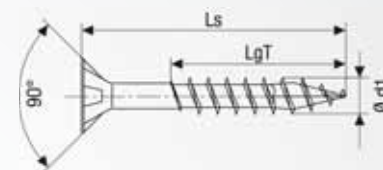


INOX
STAINLESS STEEL



Flat countersunk head, *T-STAR plus*

With SPAX MULTI Head and SPAX 4CUT point, slide-coated



Stainless steel A2 /304

Multi-purpose usage eg:
decking, fencing, outdoor construction.

The features at a glance:

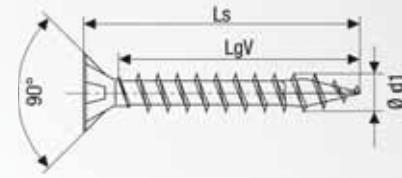
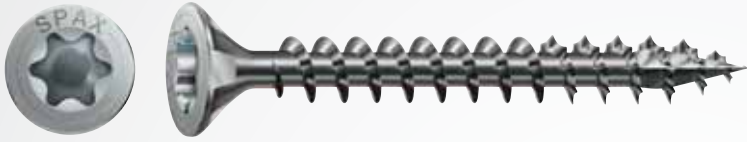
- Quick and easy to use
- Universal application

- Reduces splitting
- No pre-drilling necessary (wood-dependent)

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
3.5	30	7.0	18	15	0.14	200	2000			0197000350303
	35	7.0	23	15	0.16	200	2000			0197000350353
	40	7.0	23	15	0.18	200	2000			0197000350403
4.0	30	8.0	18	20	0.19	200	2000			0197000400303
	35	8.0	23	20	0.21	200	2000			0197000400353
	40	8.0	23	20	0.27	200	2000			0197000400403
	45	8.0	30	20	0.31	200	2000			0197000400453
	50	8.0	32	20	0.30	200	2000			0197000400503
4.5	40	8.8	25	20	0.30	200	2000			0197000450403
	45	8.8	30	20	0.34	200	2000			0197000450453
	50	8.8	32	20	0.37	200	2000			0197000450503
	60	8.8	37	20	0.47	100	1000			0197000450603
	70	8.8	42	20	0.51	100	1000			0197000450703
5.0	40	9.7	27	20	0.38	200	2000			0197000500403
	45	9.7	30	20	0.42	200	2000			0197000500453
	50	9.7	32	20	0.47	200	2000			0197000500503
	60	9.7	37	20	0.55	100	1000			0197000500603
	70	9.7	41	20	0.71	100	1000			0197000500703
	80	9.7	46	20	0.72	100	1000			0197000500803
	90	9.7	61	20	0.81	100	1000			0197000500903
	100	9.7	61	20	0.90	100	1000			0197000501003
	120	9.7	69	20	1.07	100	1000			0197000501203
6.0	60	11.5	37	30	0.82	100	1000			0197000600603
	70	11.5	41	30	0.94	100	1000			0197000600703
	80	11.5	46	30	1.06	100	1000			0197000600803
	100	11.5	61	30	1.30	100	1000			0197000601003
	120	11.5	68	30	1.54	100	1000			0197000601203
	140	11.5	68	30	1.82	100	1000			0197000601403
	160	11.5	65	30	2.02	100	1000			0197000601603

Flat countersunk head, T-STAR plus

With SPAX MULTI Head and SPAX 4CUT point, slide-coated



Stainless steel A2 /304

Multi-purpose usage eg:
decking, fencing, outdoor
construction.

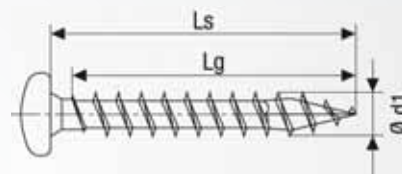
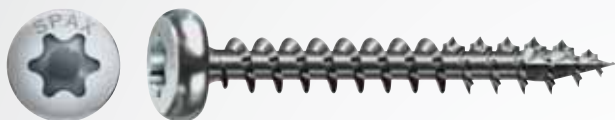
The features at a glance:

- Quick and easy to use
- Universal application
- Reduces splitting
- No pre-drilling necessary (wood-dependent)

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
3.5	16	7.0	13	15	0.08	200	2000			1197000350163
	20	7.0	16	15	0.09	200	2000			1197000350203
	25	7.0	21	15	0.12	200	2000			1197000350253
	30	7.0	25	15	0.14	200	2000			1197000350303
	35	7.0	30	15	0.16	200	2000			1197000350353
	40	7.0	35	15	0.18	200	2000			1197000350403
4.0	20	8.0	16	20	0.13	200	2000			1197000400203
	25	8.0	21	20	0.16	200	2000			1197000400253
	30	8.0	25	20	0.19	200	2000			1197000400303
	35	8.0	30	20	0.23	200	2000			1197000400353
	40	8.0	35	20	0.26	200	2000			1197000400403
	45	8.0	40	20	0.28	200	2000			1197000400453
	50	8.0	45	20	0.31	200	2000			1197000400503
	60	8.0	50	20	0.36	100	1000			1197000400603
4.5	25	8.8	20	20	0.22	200	2000			1197000450253
	30	8.8	25	20	0.25	200	2000			1197000450303
	35	8.8	30	20	0.27	200	2000			1197000450353
	40	8.8	34	20	0.32	200	2000			1197000450403
	45	8.8	39	20	0.35	200	2000			1197000450453
	50	8.8	44	20	0.38	200	2000			1197000450503
	60	8.8	54	20	0.47	100	1000			1197000450603
	70	8.8	59	20	0.52	100	1000			1197000450703
5.0	30	9.7	25	20	0.32	200	2000			1197000500303
	35	9.7	30	20	0.36	200	2000			1197000500353
	40	9.7	35	20	0.42	200	2000			1197000500403
	45	9.7	39	20	0.44	200	2000			1197000500453
	50	9.7	44	20	0.49	200	2000			1197000500503
	60	9.7	54	20	0.59	100	1000			1197000500603
	70	9.7	61	20	0.71	100	1000			1197000500703
	80	9.7	61	20	0.74	100	1000			1197000500803
6.0	40	11.5	34	30	0.62	200	2000			1197000600403
	50	11.5	43	30	0.74	100	1000			1197000600503
	60	11.5	53	30	0.87	100	1000			1197000600603
	70	11.5	61	30	1.00	100	1000			1197000600703
	80	11.5	61	30	1.13	100	1000			1197000600803

Pan head, T-STAR plus

With SPAX 4CUT point, slide-coated



Stainless steel A2 /304

Application:
*balustrading, marine fittings,
fitting of metal sheeting.*

The features at a glance:

■ SPAX 4CUT point:

No pre-drilling necessary (wood dependent), effectively reduces splitting.

■ Pan Head:

Pan head design increases the pull down and the pull through capacity.

Simple fastening of sheet metal parts and fittings to timber with no countersinking necessary.

- **SPAX patented ground serrations:**
For effortless penetration of the screw.
- **The SPAX T-STAR plus drive bit:**
Ensures maximum torque transfer when driving screws.

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
						SPAX box	outer carton			
4.0	20	8.0	18	20	0.17	200	2000			0207000400203
	25	8.0	23	20	0.20	200	2000			0207000400253
	30	8.0	27	20	0.23	200	2000			0207000400303
	35	8.0	32	20	0.26	200	2000			0207000400353
	40	8.0	37	20	0.28	200	2000			0207000400403
	45	8.0	42	20	0.31	200	2000			0207000400453
	50	8.0	47	20	0.34	200	2000			0207000400503
5.0	25	9.7	22	20	0.34	200	2000			0207000500253
	30	9.7	27	20	0.39	200	2000			0207000500303
	40	9.7	37	20	0.51	200	2000			0207000500403
	50	9.7	46	20	0.57	100	1000			0207000500503



The ideal screw for
wooden facades

Main Benefits:

- Effectively reduces splitting of the wood due to SPAX *CUT point*
- Easy, strong screw fastening due to SPAX patented ground serrations
- No pre-drilling necessary (wood-dependent)



Stainless steel

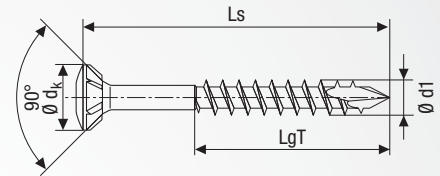


Raised countersunk head with *CUT* point

With milled ribs, SPAX T-STAR plus, slide-coated



Stainless Steel A2/304



Board and batten cladding.

The features at a glance:

■ SPAX CUT point:

Screw starts accurately due to specially engineered SPAX CUT point. The SPAX CUT point effectively reduces splitting of the wood.

No pre-drilling required (wood-dependent).

■ Head:

Raised countersunk head. Cutting ribs under the head ensure clean countersinking.

■ SPAX patented ground serrations:

For effortless penetration of the screw.

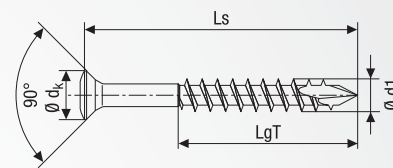
■ The SPAX T-STAR plus drive bit:

Ensures maximum torque transfer when driving screws.

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
4.5	35	8.8	25	20	0.33	200	2000			25170004503521
	40	8.8	25	20	0.37	200	2000			25170004504021
	45	8.8	30	20	0.40	200	2000			25170004504521
	50	8.8	32	20	0.44	200	2000			25170004505021
	60	8.8	37	20	0.51	100	1000			25170004506021
	70	8.8	42	20	0.58	100	1000			25170004507021
	80	8.8	46	20	0.66	100	1000			25170004508021
5.0	60	9.7	37	20	0.61	100	1000			25170005006021
	70	9.7	42	20	0.70	100	1000			25170005007021
	80	9.7	46	20	0.79	100	1000			25170005008021
	90	9.7	61	20	0.88	100	1000			25170005009021
	100	9.7	61	20	0.97	100	1000			25170005010021

Raised countersunk head with very small head

SPAX *T-STAR plus*, SPAX *CUT point*, slide-coat



Stainless Steel A2/304

The ideal screw for outdoor panels and wooden facades eg: tongue and groove profiles.

The features at a glance:

■ SPAX CUT point:

Screw starts accurately due to specially engineered SPAX CUT point. The SPAX CUT point effectively reduces splitting of the wood.

■ Head:

The very small raised countersunk head can be effectively countersunk and ensures a perfect tongue and groove connection. Cutting ribs under the head ensure clean countersinking.

■ SPAX patented ground serrations:

For effortless penetration of the screw.

■ The SPAX *T-STAR plus* drive bit:

Ensures maximum torque transfer when driving screws.

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
						SPAX box	outer carton			
4.0	45	6.0	34	15	0.27	100	1000			35704012702003



Fence fastening set

For fastening fence elements from wood

- One SPAX-BOX (set) is enough for 5 fencing elements



Stainless steel



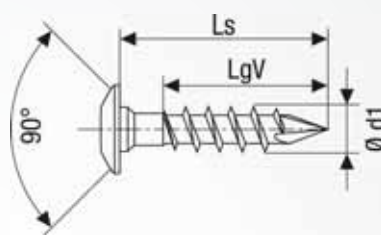
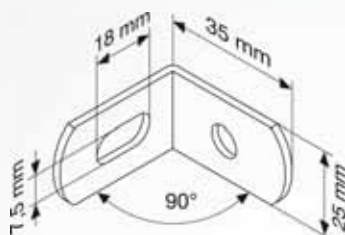
INOX
STAINLESS STEEL

A1
AISI 430



Fence fastening set

With SPAX mushroom head and stainless steel brackets



Stainless Steel A1

For fastening fencing elements from wood.

The features at a glance:

- Fastening brackets from stainless steel with oblong hole for space adjustment.
- **SPAX CUT point** – no pre-drilling necessary (wood-dependent).

■ Packaging content:

- 40 pieces SPAX 7.0 x 35 mm,
- 20 pieces fastening brackets,
- 1 piece SPAX BIT *T-STAR* plus T30.
- Sufficient for 5 fence elements.

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
						SPAX box	outer carton			
7.0	35	-	30	30	4.45	40+20	400+200			5000009170013



The ideal screw for
wooden decks

SPAX Decking:
***Engineered solutions
for outdoor areas***

- Secure fastening of deck boards to understructure
- Eliminates deckboard loosening in harsh climates

* Pre-drilling is recommended for hardwood. For this purpose, use the SPAX Drill Bit, see Accessories.



A2
AISI 304

A4
AISI 316

A4
AISI 316

Stainless steel

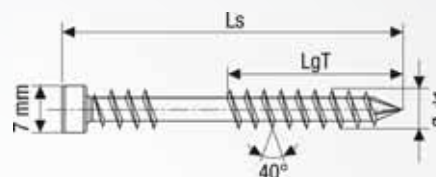


INOX
STAINLESS STEEL



Cylindrical head, T-STAR plus

With SPAX CUT point, fixing thread, slide-coated



Stainless Steel A2/304

SPAX-D 304 stainless steel is the ideal screw for wooden decks, particularly suited for coastal areas.

The features at a glance:

- **SPAX CUT point:**
Effectively reduces splitting of the wood.
- **Cylindrical Head:**
The small cylindrical head can easily be countersunk in all timber types, providing an impeccable visual appearance.
- **The unique fixing thread:**
Guarantees a strong and permanent connection with no post tightening required.
- **SPAX typical ground serrations:**
For effortless penetration of the screw.
- **The SPAX T-STAR plus drive bit:**
Ensures maximum torque transfer when driving screws.

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
						SPAX box	outer carton			
5.0	40	7.0	22.5	25	0.44	200	2000			0537000500403
	50	7.0	22.5	25	0.54	200	2000			0537000500503
	60	7.0	27.5	25	0.65	100	1000			0537000500603
	70	7.0	32.5	25	0.75	100	1000			0537000500703
	80	7.0	37.5	25	0.85	100	1000			0537000500803



Step 1: Drill the boards and substructure with a SPAX Step drill. Use the complete length of the drill. Use the highest possible speed (around 3,000 rpm).



Step 2: Drive the SPAX Decking screw straight in with a SPAX T-STAR plus T25 BIT. Drive it in without stopping until the head is flush.



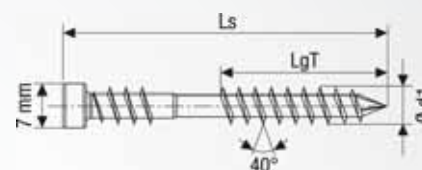
Result: The small cylindrical head can easily be countersunk in all timber types, providing an impeccable visual appearance.

Cylindrical head, *T-STAR plus*

With SPAX CUT point, fixing thread, slide-coated



Stainless Steel A4/316



SPAX-D 316 stainless steel is the ideal screw for wooden decks, particularly suited for coastal and high corrosive areas.

The features at a glance:

- **SPAX CUT point:** Effectively reduces splitting of the wood.
- **Cylindrical Head:** The small cylindrical head can easily be countersunk in all timber types, providing an impeccable visual appearance.
- **The unique fixing thread:** Guarantees a strong and permanent connection with no post tightening required.
- **SPAX typical ground serrations:** For effortless penetration of the screw.
- **The SPAX T-STAR plus drive bit:** Ensures maximum torque transfer when driving screws.

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
						SPAX box	outer carton			
5.5	40	7.0	22.5	25	0.50	200	2000			0538000550403
	50	7.0	22.5	25	0.62	200	2000			0538000550503
	60	7.0	27.5	25	0.75	100	1000			0538000550603
	70	7.0	32.5	25	0.87	100	1000			0538000550703
	80	7.0	37.5	25	0.99	100	1000			0538000550803



Step 1: Drill the boards and substructure with a SPAX Step drill. Use the complete length of the drill. Use the highest possible speed (around 3,000 rpm).



Step 2: Drive the SPAX Decking screw straight in with a SPAX T-STAR plus T25 BIT. Drive it in without stopping until the head is flush.



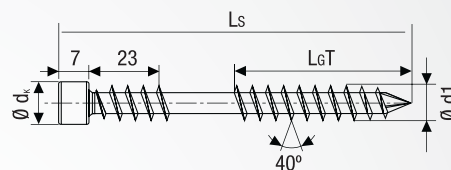
Result: The small cylindrical head can easily be countersunk in all timber types, providing an impeccable visual appearance.

Cylindrical head, *T-STAR plus*

With SPAX CUT point, fixing thread, slide-coated



Stainless Steel A4/316



The SPAX solution for decks, boardwalks and bridges.

Particularly suited for high corrosive areas in 316 stainless steel.

The features at a glance:

- **Cylindrical Head:**
The small cylindrical head can easily be countersunk in all timber types, providing an impeccable visual appearance.
- **The unique fixing thread:**
Guarantees a strong and permanent connection with no post tightening required.
- **SPAX typical ground serrations:**
For effortless penetration of the screw.
- **The SPAX *T-STAR plus* drive bit:**
Ensures maximum torque transfer when driving screws.

■ SPAX CUT point:

Effectively reduces splitting of the wood.
Reduced cost due to effective and efficient installation.
Easy screwing, even in hardwood.
Pre-drilling of 6mm in hardwood over the entire screw length is recommended (see figure 1 below).

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
						SPAX box	outer carton			
8.0	120	10.0	50	40	2.80	50	500			0538000801205



Step 1: Pre-drilling of 6.0mm over the entire screw length. The wooden decking board displayed is 45mm thick.



Step 2: Fastening with SPAX BIT *T-STAR plus* T40.



Result.



Accessories

- Pads
- Drill Bits
- Spacers
- Wrench set



Accessories



Accessories



SPAX Pads.

- Protects the wood sub-structure from rising damp
- Dimensions: 100 x 100 x 8mm
- 25 piece bundled



Packing units		Weight Kg/100	Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
SPAX box	Outer carton				
25	250	5.97			5000009186609

SPAX D-Step Drill 4 & 6

- With 2 drilling steps



Packing units		Weight Kg/100	Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code	Description
SPAX box	Outer carton					
1	5	3.80			5009409873005	For use in softwood
1	5	5.00			5009409873005	For use in hardwood
1	5	6.50			5009409873005	For the 6mm SPAX-D
1	1	1.20			5000009185004	Drill-bit 4.0mm for Hardwood Step-drill

Decking Accessories



SPAX Spacers.

- Joint gauge for 4 joint widths: 4-5-6-7mm
- Observe the instructions of the individual wood suppliers
- 12 pieces in a Henkel box



Packing units		Weight Kg/100	Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
SPAX box	Outer carton				
12	36	3.34			5000009186209

SPAX Wrench.

- SPAX wrench (Kaiman Masterset) for the easy alignment of warped coverboards
- Positioning guide (Liner)
- 4 pcs. SPAX Spacers for 4 joint widths each: 4-5-6-7mm



Packing units		Weight Kg/100	Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
SPAX box	Outer carton				
1	1	295.00			5000009186309



The stainless steel assortment for wood construction

fully/partial threaded screws

Here is the SPAX benchmark for safety, strength and efficiency

- Maximum torque transfer due to SPAX *T-STAR plus*
- Maximum absorption of tensile and compressive forces
- No pre-drilling necessary (wood-dependent)
- Comprehensive range of products, licensed by building authorities world-wide



A2
AISI 304

A2
AISI 304

A4
AISI 316

Stainless steel



INOX
STAINLESS STEEL

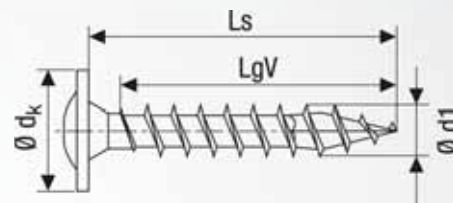


Washer head, *T-STAR plus*

With SPAX 4CUT point, slide-coated



Stainless Steel A2/304



The SPAX washer head, 304 stainless steel, for timber construction is the economical and efficient replacement for coach screws eg: outdoor structures, playgrounds, retaining walls in corrosive areas.

The features at a glance:

- **SPAX 4CUT point:**
No pre-drilling necessary (wood dependent), effectively reduces splitting.
- **SPAX patented ground serrations:**
For effortless penetration of the screw.
- **The SPAX T-STAR plus drive bit:**
Ensures maximum torque transfer when driving screws.
- **SPAX 4CUT Cutter:**
For screw lengths of 160mm and over.
Significantly reduces friction when driving screws.

Benefits of washer head compared to flat countersunk head:

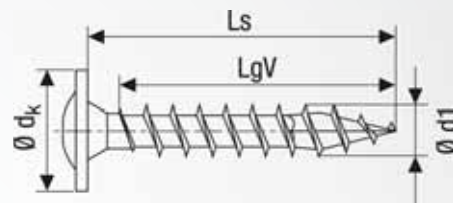
- Stronger tightening of connections, even if the wood is deformed.
- Washer head design increases the pull down and the pull through capacity.
- Simple fastening of sheet metal parts to timber with no countersinking necessary.
- Improved tightening action of the head when attaching thin sheets.

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
6.0	60	13.6	56	30	0.83	100	1000			0257000600605
	80	13.6	61	30	1.08	100	1000			0257000600805
	100	13.6	61	30	1.33	100	1000			0257000601005
	120	13.6	68	30	1.57	100	1000			0257000601205
	140	13.6	68	30	1.82	100	1000			0257000601405

*Also available in Delta-Seal for treated timber
See Page 27*

Washer head, T-STAR plus

With SPAX 4CUT point, slide-coated



Stainless Steel A2/304

The SPAX washer head, 304 stainless steel, for timber construction is the economical and efficient replacement for coach screws eg: outdoor structures, playgrounds, retaining walls in corrosive areas.

The features at a glance:

- **SPAX 4CUT point:**
No pre-drilling necessary (wood dependent), effectively reduces splitting.
- **SPAX patented ground serrations:**
For effortless penetration of the screw.
- **The SPAX T-STAR plus drive bit:**
Ensures maximum torque transfer when driving screws.
- **SPAX 4CUT Cutter:**
For screw lengths of 160mm and over. Significantly reduces friction when driving screws.

Benefits of washer head compared with flat countersunk head:

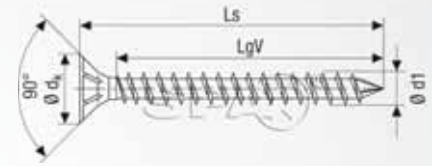
- Stronger tightening of connections, even if the wood is deformed.
- Washer head design increases the pull down and the pull through capacity.
- Simple fastening of sheet metal parts to timber with no countersinking necessary.
- Improved tightening action of the head when attaching thin sheets.

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
						SPAX box	outer carton			
8.0	50	20.0	46	40	1.67	50	500			0257000800505
	60	20.0	56	40	1.85	50	500			0257000800605
	80	20.0	70	40	2.15	50	500			0257000800805
	100	20.0	80	40	2.75	50	500			0257000801005
	120	20.0	80	40	3.21	50	500			0257000801205
	140	20.0	80	40	3.63	50	500			0257000801405
	160	20.0	80	40	4.14	50	500			0257000801605
	180	20.0	80	40	4.60	50	500			0257000801805
	200	20.0	80	40	5.07	50	500			0257000802005

*Also available in Delta-Seal for treated timber
See Page 28*

Flat countersunk head, *T-STAR plus*

With SPAX MULTI Head and SPAX CUT point, case hardened, slide-coated



Stainless Steel A4/316

The SPAX fully threaded 316 stainless steel for high corrosive areas.

Cost effective alternative to bolt connections, glued on reinforcement panels or glued in threaded rods.

Absorption of high tensile and compressive loads eg: reinforcing notched beams and beam support area. Reinforcing curved glue laminated beams.

Absorption of high pulling forces, compared to partially threaded screws.

■ **SPAX 4CUT point:**

No pre-drilling necessary (wood dependent), effectively reduces splitting.

■ **SPAX MULTI Head:**

Countersinks the screw head flush into the wood or acts as a break on metal. Length specification and manufacturer ID marked on the head.

■ **SPAX patented ground serrations:**

For effortless penetration of the screw.

■ **The SPAX T-STAR plus drive bit:**

Ensures maximum torque transfer when driving screws.

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
10.0	160	18.6	Thread	50	4.50	50	500			1208001001605
	200	18.6	close	50	6.18	50	500			1208001002005
	220	18.6	to	50	6.79	50	500			1208001002205
	240	18.6	head	50	7.86	50	-			1208001002405
	260	18.6		50	7.99	50	-			1208001002605
	280	18.6		50	8.54	50	-			1208001002805
	300	18.6		50	9.20	50	-			1208001003005
	350	18.6		50	10.71	50	-			1208001003505
	400	18.6		50	12.21	50	-			1208001004005
12.0	400	18.6		50	18.68	25	-			1208001204005
	450	18.6		50	20.94	25	-			1208001204505
	500	18.6		50	23.20	25	-			1208001205005
	550	18.6		50	25.46	20	-			1208001205505

The assortment for wood construction

fully/partial threaded screws

***Here is the SPAX
benchmark for safety,
strength and efficiency***

- Maximum torque transfer due to SPAX *T-STAR plus*
- Maximum absorption of tensile and compressive forces
- No pre-drilling necessary (wood-dependent)
- Comprehensive range of products, licensed by building authorities world-wide



For wood construction







DELTA[®]-SEAL

The DELTA[®]-SEAL is a system topcoat.

The topcoat provides controlled properties, which makes these the ideal seal over electroplated layers.

Product description:

DELTA[®]-SEAL is a zinc flake coating system. The system comprises electroplated base layer and DELTA[®]-SEAL topcoat which provides highly effective anti-corrosion protection and other properties regulated by sealer.

DELTA[®]-SEAL is free of any harmful heavy metals, such as Cr-(VI), and conforms to EU guidelines.

No hydrogen embrittlement occurs in the application of DELTA[®]-SEAL. As appropriate, the coating process can be carried out jigged or in bulk.

Properties:

Including lubricant coating for reduced torque while driving the screw home

Special features:

Organic topcoat

Withstands ACQ, CCA, and LOSP timber treatments.

Excellent chemical resistance

Particularly suitable for multiple screw fixing

DELTA[®]-SEAL in comparison:

DELTA[®]-SEAL compared with zinc yellow electroplated 10 times higher corrosion resistance.

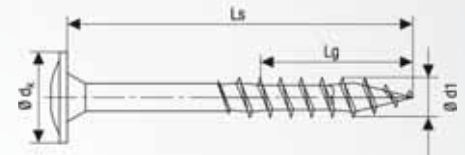
DELTA[®]-SEAL compared with standard galvanized screws more than twice the corrosion resistance.

Tests carried out with neutral salt spray test.

**Corrosion resistance endurance life –
DIN EN ISO 9227 (depending upon the build-up of
coats, geometry and type of application)**

Washer head, *T-STAR plus*

With SPAX 4CUT point, case hardened, slide-coated



DELTA® - SEAL

The SPAX washer head, for timber construction is the economical and efficient replacement for coach screws eg: wooden structures, playgrounds, retaining walls, fencing, civil work, joist connections. Fastening of roof battens in areas with high wind loads.

The features at a glance:

- **SPAX 4CUT point:**
No pre-drilling necessary (wood dependent), effectively reduces splitting.
- **SPAX patented ground serrations:**
For effortless penetration of the screw.
- **The SPAX *T-STAR plus* drive bit:**
Ensures maximum torque transfer when driving screws.
- **SPAX 4CUT Cutter:**
For screw lengths of 160mm and over. Significantly reduces friction when driving screws.

Benefits of washer head compared to flat countersunk head:

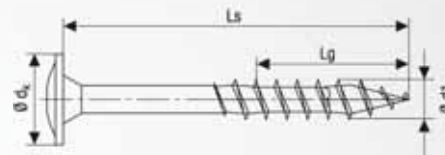
Stronger tightening of connections, even if the wood is deformed. Washer head design increases the pull down and the pull through capacity. Simple fastening of sheet metal parts to timber with no countersinking necessary. Improved tightening action of the head when attaching thin sheets.

- **Approved by German and European building authorities** under licensing number Z-9.1-449. Z-9.1-511 and ETA-12/0114 - approved by building authorities for fastening rooftop insulation systems.

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
						SPAX box	outer carton			
6.0	60	13.6	56	30	0.84	200	2000			0251640600605
	80	13.6	61	30	1.10	200	2000			0251640600805
	100	13.6	61	30	1.35	100	100			0251640601005
	120	13.6	68	30	1.60	100	100			0251640601205
	140	13.6	68	30	1.86	100	100			0251640601405
	160	13.6	65	30	2.11	100	100			0251640601605
	180	13.6	65	30	2.36	100	100			0251640601805

Washer head, *T-STAR plus*

With SPAX 4CUT point, case hardened, slide-coated



DELTA® - SEAL

The SPAX washer head, for timber construction is the economical and efficient replacement for coach screws eg: wooden structures, playgrounds, retaining walls, fencing, civil work, joist connections.

The features at a glance:

- **SPAX 4CUT point:**
No pre-drilling necessary (wood dependent), effectively reduces splitting.
- **SPAX patented ground serrations:**
For effortless penetration of the screw.
- **The SPAX T-STAR plus drive bit:**
Ensures maximum torque transfer when driving screws.
- **SPAX 4CUT Cutter:**
For screw lengths of 160mm and over. Significantly reduces friction when driving screws.

Benefits of washer head compared to flat countersunk head:

Stronger tightening of connections, even if the wood is deformed.
Washer head design increases the pull down and the pull through capacity. Simple fastening of sheet metal parts to timber with no countersinking necessary.
Improved tightening action of the head when attaching thin sheets.

- **Approved by German and European building authorities** under licensing number Z-9.1-449, Z-9.1-511 and ETA-12/0114 - approved by building authorities for fastening rooftop insulation systems.

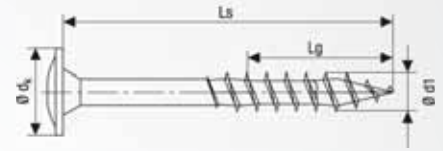
Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
						SPAX box	outer carton			
8.0	80	20.0	70	40	2.13	50	500			0251640800805
	100	20.0	80	40	2.56	50	500			0251640801005
	120	20.0	80	40	3.00	50	500			0251640801205
	140	20.0	80	40	3.43	50	500			0251640801405
	160	20.0	80	40	3.86	50	500			0251640801605
	180	20.0	80	40	4.30	50	500			0251640801805
	200	20.0	80	40	4.73	50	500			0251640802005
	220	20.0	80	40	5.16	50	500			0251640802205
	240	20.0	80	40	5.59	50	-			0251640802405
	260	20.0	80	40	6.02	50	-			0251640802605
	280	20.0	80	40	6.45	50	-			0251640802805
	300	20.0	80	40	6.88	50	-			0251640803005
	320	20.0	80	40	7.31	50	-			0251640803205
	340	20.0	80	40	7.74	50	-			0251640803405
	360	20.0	80	40	8.18	50	-			0251640803605
	380	20.0	80	40	8.61	50	-			0251640803805
	400	20.0	80	40	9.04	50	-			0251640804005
	450	20.0	80	40	10.12	25	-			0251640804505

Washer head, *T-STAR plus*

With SPAX 4CUT point, case hardened, slide-coated



DELTA® - SEAL



The SPAX washer head, for timber construction is the economical and efficient replacement for coach screws eg: wooden structures, playgrounds, retaining walls, fencing, civil work, joist connections.

The features at a glance:

- **SPAX 4CUT point:**
No pre-drilling necessary (wood dependent), effectively reduces splitting.
- **SPAX patented ground serrations:**
For effortless penetration of the screw.
- **The SPAX *T-STAR plus* drive bit:**
Ensures maximum torque transfer when driving screws.
- **SPAX 4CUT Cutter:**
For screw lengths of 160mm and over. Significantly reduces friction when driving screws.

Benefits of washer head compared to flat countersunk head:

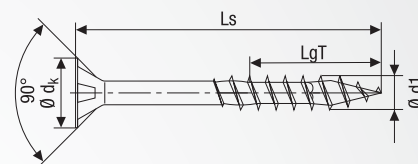
Stronger tightening of connections, even if the wood is deformed.
Washer head design increases the pull down and the pull through capacity. Simple fastening of sheet metal parts to timber with no countersinking necessary.
Improved tightening action of the head when attaching thin sheets.

- **Approved by German and European building authorities** under licensing number Z-9.1-449, Z-9.1-511 and ETA-12/0114 - approved by building authorities for fastening rooftop insulation systems.

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
10.0						SPAX box	outer carton			
	80	25.0	70	50	3.36	50	500			0251641000805
	100	25.0	80	50	4.00	50	500			0251641001005
	120	25.0	80	50	4.64	50	500			0251641001205
	140	25.0	80	50	5.28	50	500			0251641001405
	160	25.0	80	50	5.91	25	250			0251641001605
	180	25.0	80	50	6.55	25	250			0251641001805
	200	25.0	80	50	7.19	25	250			0251641002005
	220	25.0	80	50	7.83	25	-			0251641002205
	240	25.0	80	50	8.47	25	-			0251641002405
	260	25.0	80	50	9.11	25	-			0251641002605
	280	25.0	80	50	9.74	25	-			0251641002805
	300	25.0	80	50	10.38	25	-			0251641003005
	320	25.0	80	50	11.02	25	-			0251641003205
	340	25.0	80	50	11.66	25	-			0251641003405
	360	25.0	80	50	12.30	25	-			0251641003605
	380	25.0	80	50	12.94	25	-			0251641003805
	400	25.0	80	50	13.57	25	-			0251641004005
	450	25.0	80	50	15.17	25	-			0251641004505

Flat countersunk head, *T-STAR plus*

With SPAX MULTI head and SPAX 4CUT point, case hardened, slide-coated



DELTA® - SEAL

For general wood construction and fastening of rooftop insulation systems.

The features at a glance:

- **SPAX 4CUT point:**
No pre-drilling necessary (wood dependent), effectively reduces splitting.
- **SPAX MULTI Head:**
Countersinks the screw head flush into the wood or acts as a break on metal. Length specification and manufacturer ID marked on the head.
- **SPAX patented ground serrations:**
For effortless penetration of the screw.
- **The SPAX T-STAR plus drive bit:**
Ensures maximum torque transfer when driving screws.

■ SPAX 4CUT Cutter:

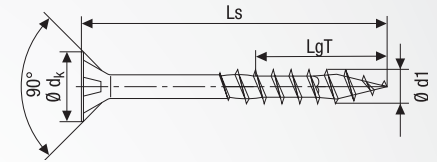
For screw lengths of 160mm and over. Significantly reduces friction when driving screws.

- **Approved by German and European building authorities** under licensing number Z-9.1-449. Z-9.1-511 and ETA-12/0114 - approved by building authorities for fastening rooftop insulation systems.

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
8.0	80	15.1	47	40	1.91	50	500			0191640800805
	100	15.1	57	40	2.34	50	500			0191640801005
	120	15.1	70	40	2.60	50	500			0191640801205
	140	15.1	80	40	3.03	50	500			0191640801405
	160	15.1	80	40	3.61	50	500			0191640801605
	180	15.1	80	40	4.04	50	500			0191640801805
	200	15.1	80	40	4.46	50	500			0191640802005
	220	15.1	80	40	4.88	50	500			0191640802205
	240	15.1	80	40	5.31	50	-			0191640802405
	260	15.1	80	40	5.74	50	-			0191640802605
	280	15.1	80	40	6.16	50	-			0191640802805
	300	15.1	80	40	6.59	50	-			0191640803005
	320	15.1	80	40	6.86	50	-			0191640803205
	340	15.1	80	40	7.28	50	-			0191640803405
	360	15.1	80	40	7.71	50	-			0191640803605
	380	15.1	80	40	8.13	50	-			0191640803805
	400	15.1	80	40	8.56	50	-			0191640804005
	450	15.1	80	40	10.15	50	-			0191640804505

Flat countersunk head, *T-STAR plus*

With SPAX MULTI head and SPAX 4CUT point, case hardened, slide-coated

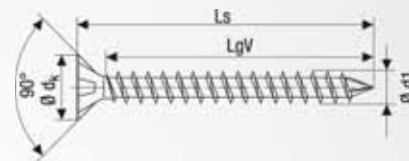


DELTA® - SEAL

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
10.0	80	18.6	50	50	3.39	50	500			0191641000805
	100	18.6	60	50	4.03	50	500			0191641001005
	120	18.6	70	50	4.67	50	500			0191641001205
	140	18.6	80	50	5.31	50	500			0191641001405
	160	18.6	80	50	5.95	50	500			0191641001605
	180	18.6	80	50	6.59	50	500			0191641001805
	200	18.6	80	50	7.22	50	500			0191641002005
	220	18.6	80	50	7.86	50	500			0191641002205
	240	18.6	80	50	8.50	50	-			0191641002405
	260	18.6	80	50	9.14	50	-			0191641002605
	280	18.6	80	50	9.78	50	-			0191641002805
	300	18.6	80	50	10.42	50	-			0191641003005
	320	18.6	80	50	11.05	50	-			0191641003205
	340	18.6	80	50	11.69	50	-			0191641003405
	360	18.6	80	50	12.33	50	-			0191641003605
	380	18.6	80	50	12.97	50	-			0191641003805
	400	18.6	80	50	14.62	50	-			0191641004005
	450	18.6	80	50	19.56	50	-			0191641004505
12.0	100	22.6	60	50	5.74	25	250			0191641201005
	120	22.6	80	50	6.74	25	250			0191641201205
	140	22.6	80	50	7.74	25	250			0191641201405
	160	22.6	100	50	8.74	25	250			0191641201605
	180	22.6	100	50	9.74	25	250			0191641201805
	200	22.6	100	50	10.74	25	250			0191641202005
	220	22.6	100	50	11.74	25	250			0191641202205
	240	22.6	100	50	12.74	25	-			0191641202405
	260	22.6	100	50	13.74	25	-			0191641202605
	280	22.6	100	50	14.73	25	-			0191641202805
	300	22.6	100	50	15.73	25	-			0191641203005
	350	22.6	100	50	18.23	25	-			0191641203505
	400	22.6	100	50	20.73	25	-			0191641204005
	450	22.6	100	50	23.23	25	-			0191641204505
	500	22.6	100	50	25.72	25	-			0191641205005
	550	22.6	100	50	28.22	20	-			0191641205505
	600	22.6	100	50	30.72	20	-			0191641206005

Flat countersunk head, *T-STAR plus*

With SPAX MULTI Head and SPAX CUT point, case hardened, slide-coated



DELTA® - SEAL

Cost effective alternative to bolt connections, glued on reinforcement panels or glued in threaded rods.

Absorption of high tensile and compressive loads eg: reinforcing notched beams and beam support area. Reinforcing curved glue laminated beams.

Absorption of high pulling forces, compared to partially threaded screws.

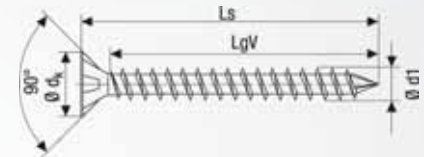
The features at a glance:

- **SPAX 4CUT point:**
No pre-drilling necessary (wood dependent), effectively reduces splitting.
- **SPAX MULTI Head:**
Countersinks the screw head flush into the wood or acts as a break on metal. Length specification and manufacturer ID marked on the head.
- **SPAX patented ground serrations:**
For effortless penetration of the screw.
- **The SPAX T-STAR plus drive bit:**
Ensures maximum torque transfer when driving screws.

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
						SPAX box	outer carton			
8.0	160	15.1	Thread	40	3.62	50	500			1201640801605
	180	15.1	close	40	4.04	50	500			1201640801805
	200	15.1	to	40	4.46	50	500			1201640802005
	220	15.1	head	40	4.88	50	500			1201640802205
	240	15.1		40	5.31	50	-			1201640802405
	260	15.1		40	5.74	50	-			1201640802605
	280	15.1		40	6.16	50	-			1201640802805
	300	15.1		40	6.59	50	-			1201640803005
	350	15.1		40	7.65	50	-			1201640803505
	400	15.1		40	8.71	50	-			1201640804005
	450	15.1		40	9.77	50	-			1201640804505
	500	15.1		40	10.76	25	-			1201640805005
	550	15.1		40	11.81	25	-			1201640805505
	600	15.1		40	12.86	25	-			1201640806005

Flat countersunk head, *T-STAR plus*

With SPAX MULTI Head and SPAX CUT point, case hardened, slide-coated



DELTA® - SEAL

Cost effective alternative to bolt connections, glued on reinforcement panels or glued in threaded rods.

Absorption of high tensile and compressive loads eg: reinforcing notched beams and beam support area. Reinforcing curved glue laminated beams.

Absorption of high pulling forces, compared to partially threaded screws.

The features at a glance:

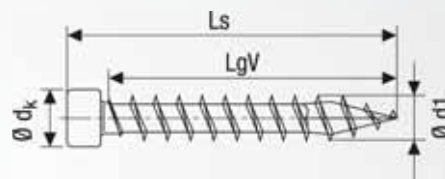
- **SPAX 4CUT point:**
No pre-drilling necessary (wood dependent), effectively reduces splitting.
- **SPAX MULTI Head:**
Countersinks the screw head flush into the wood or acts as a break on metal. Length specification and manufacturer ID marked on the head.

- **SPAX patented ground serrations:**
For effortless penetration of the screw.
- **The SPAX T-STAR plus drive bit:**
Ensures maximum torque transfer when driving screws.

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
10.0	200	18.6	Thread	50	6.18	50	500			1201641002005
	220	18.6	close	50	6.79	50	500			1201641002205
	240	18.6	to	50	7.39	50	-			1201641002405
	260	18.6	head	50	7.99	50	-			1201641002605
	280	18.6		50	8.60	50	-			1201641002805
	300	18.6		50	9.20	50	-			1201641003005
	350	18.6		50	10.71	50	-			1201641003505
	400	18.6		50	12.21	50	-			1201641004005
	450	18.6		50	13.72	50	-			1201641004505
	500	18.6		50	15.23	25	-			1201641005005
	550	18.6		50	16.74	25	-			1201641005505
	600	18.6		50	18.25	25	-			1201641006005
12.0	200	18.6		50	9.63	25	250			1201641202005
	220	18.6		50	10.54	25	250			1201641202205
	240	18.6		50	11.44	25	-			1201641202405
	260	18.6		50	12.35	25	-			1201641202605
	280	18.6		50	13.25	25	-			1201641202805
	300	18.6		50	14.15	25	-			1201641203005
	350	18.6		50	16.42	25	-			1201641203505
	400	18.6		50	18.68	25	-			1201641204005
	450	18.6		50	20.94	25	-			1201641204505
	500	18.6		50	23.20	25	-			1201641205005
	550	18.6		50	25.46	20	-			1201641205505
	600	18.6		50	27.72	20	-			1201641206005

Cylindrical head, *T-STAR plus*

With SPAX 4CUT point, case hardened, slide-coated



DELTA® - SEAL

For wood construction, reinforcement of tensile stress perpendicular to grain, reinforcement of lateral pressure.

High compressive and pulling forces can be transferred with fully threaded screws.

Ideal for wood-glass facades. Narrow and thin wood cross sections can be screwed with 6mm thread.

Fastening of roof battens in areas with high wind load (eg: roof edges) by additional screwing in of fully threaded screws.

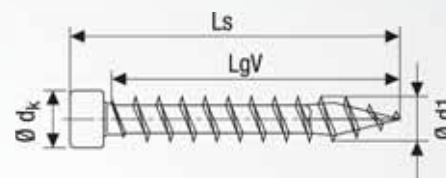
The features at a glance:

- **SPAX 4CUT point:**
No pre-drilling necessary (wood dependent), effectively reduces splitting.
- **SPAX cylindrical head:**
The small cylindrical head is easily countersunk into the wood with minimum impact.
- **SPAX patented ground serrations:**
For effortless penetration of the screw.
- **The SPAX *T-STAR plus* drive bit:**
Ensures maximum torque transfer when driving screws.

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
						SPAX box	outer carton			
6.0	80	10.0	Thread	30	0.90	200	2000			1211640600805
	100	10.0	close	30	1.20	100	1000			1211640601005
	120	10.0	to	30	1.50	100	1000			1211640601205
	140	10.0	head	30	1.80	100	1000			1211640601405
	160	10.0		30	2.10	100	1000			1211640601605
	180	10.0		30	2.40	100	1000			1211640601805
	200	10.0		30	2.70	100	1000			1211640602005

Cylindrical head, *T-STAR plus*

With SPAX CUT point, case hardened, slide-coated



DELTA® - SEAL

For wood construction, reinforcement of tensile stress perpendicular to grain, reinforcement of lateral pressure.

High compressive and pulling forces can be transferred with fully threaded screws.

Ideal for wood-glass facades. Fastening of roof battens in areas with high wind load (eg: roof edges) by additional screwing in of fully threaded screws.

The features at a glance:

- **SPAX 4CUT point:**
No pre-drilling necessary (wood dependent), effectively reduces splitting.
- **SPAX cylindrical head:**
The small cylindrical head is easily countersunk into the wood with minimum impact.

- **SPAX patented ground serrations:**
For effortless penetration of the screw.
- **The SPAX *T-STAR plus* drive bit:**
Ensures maximum torque transfer when driving screws.

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
						SPAX box	outer carton			
8.0	200	10.0	Thread	40	4.57	50	500			1221640802005
	220	10.0	close	40	5.00	50	500			1221640802205
	240	10.0	to	40	5.40	50	500			1221640802405
	260	10.0	head	40	5.83	50	500			1221640802605
	280	10.0		40	6.26	50	500			1221640802805
	300	10.0		40	6.69	50	500			1221640803005
	350	10.0		40	7.78	50	500			1221640803505
	400	10.0		40	8.86	50	500			1221640804005
	450	10.0		40	9.94	50	500			1221640804505



The ideal screw for solid wood floors

Decisive advantages:

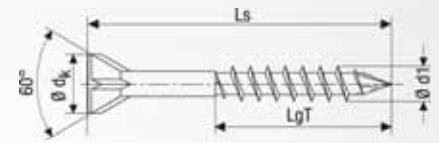
- Effectively reduces splitting of the timber
- Easy countersinking
- Screw grips immediately
- Quick easy fastening



Solid wood floors

Flat countersunk head, T-STAR plus

With small 60° milling head, milled ribs, SPAX CUT point, case hardened, slide-coated



Zinc yellow passivated A2L

The ideal screw for laying solid wood flooring.

The features at a glance:

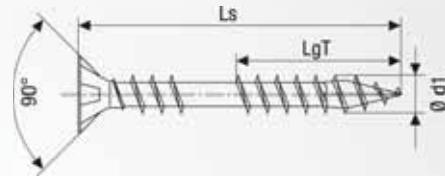
- **SPAX CUT point:**
Precision driving allows screwing in without pre-drilling (wood-dependent).
- **SPAX patented ground serrations:**
For effortless penetration of the screw.

- **Optimised head geometry:**
Accurate and effortless driving and countersinking of the head.
The high tensile of the thread edges and the ductile screw core allow powerful penetration into the material without screw breakage.

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
3.5	35	6.0	20	10	0.16	500	5000			35703503203021
	45	6.0	29	10	0.21	500	5000			35703503201021
	55	6.0	36	10	0.25	500	5000			35703503202021

Flat countersunk head, *T-STAR plus*

With breaking ribs, SPAX 4CUT point, case hardened, slide-coated



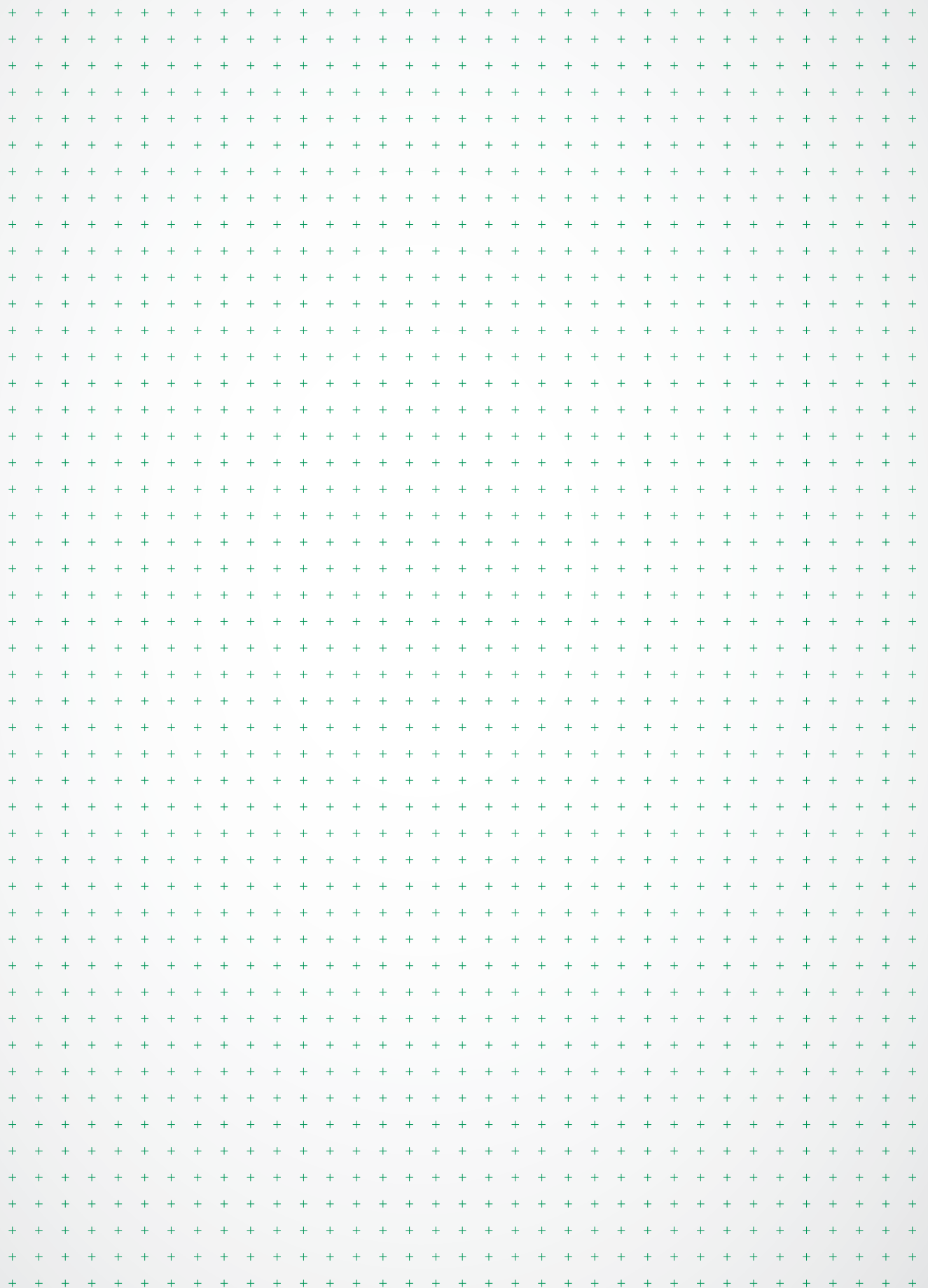
Zinc yellow passivated A2L

The flooring screw for OSB and chip boards with SPAX 4CUT point. The fixing thread eliminates creaking floors.

The features at a glance:

- **SPAX 4CUT point:**
No pre-drilling necessary (wood dependent), effectively reduces splitting.
- **SPAX MULTI Head:**
Countersinks the screw head flush into the wood or acts as a break on metal.
- **SPAX MULTI Head:**
For effortless penetration of the screw.
- **The SPAX T-STAR plus drive bit:**
Ensures maximum torque transfer when driving screws.
- **Fixing thread:**
Allows a safe and lasting connection of two pieces of material.

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-STAR plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
						SPAX box	outer carton			
4.5	50	8.5	21.5	20	0.341	500	5000			0541020450505
	60	8.5	26.5	20	0.409	500	5000			0541020450605
	70	8.5	31.5	20	0.477	500	5000			0541020450705
	80	8.5	31.5	20	0.546	200	2000			0541020450805



Secure connection of MDF boards

Three good reasons for choosing SPAX-M:

- Effectively reduces splitting and bulging of the material
- Pin point screw in thanks to special SPAX *CUT* point
- No pre-drilling necessary (material-dependent)



SPAX[®]-M

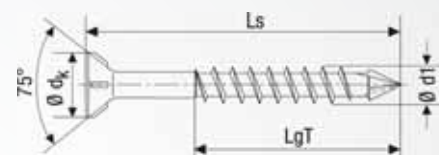
 **SPAX**
indoor

Flat countersunk head, *T-STAR plus*

With small 75° milling head, SPAX CUT point, case hardened, slide-coated



Blue zinc plated A2J



For special applications on MDF boards and other thin walled boards made of derived wood products.

The features at a glance:

- **SPAX CUT point:**
Ensures exact screw positioning.
- **SPAX patented ground serrations:**
For effortless penetration of the screw. Effectively reduces splitting and bulging of the MDF material when screwing into thin or small surfaces.

- **Optimised head geometry:**
The slender head with the ribbed underside countersinks easily into the material.
- **The screw's geometry:**
Allows MDF and thin chip boards to be screwed together without pre-drilling.

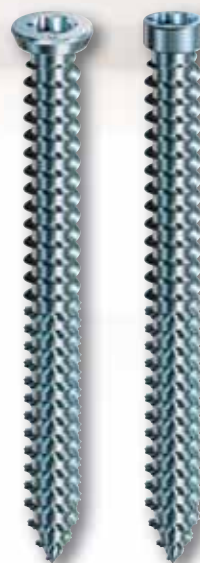
Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
						SPAX box	outer carton			
4.0	40	7.0	28	20	0.22	200	2000			0441010400403
	45	7.0	30	20	0.25	200	2000			0441010400453
	50	7.0	35	20	0.28	200	2000			0441010400503
	60	7.0	40	20	0.33	100	1000			0441010400603
4.5	45	8.0	30	20	0.32	200	2000			0441010450453
	50	8.0	35	20	0.35	200	2000			0441010450503

The frame anchor

with SPAX typical ground serrations

***The SPAX frame anchor:
Plug-free window
and doorframe fastening***

- Secure, tension free installation of window and door frames
- Accurate positioning and durable fastening
- Time-saving, universal application

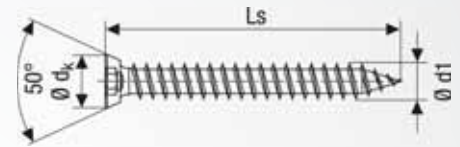


SPAX®-RA

SPAX
window

Flat countersunk head, *T-STAR plus*

Case hardened, slide-coated



Blue zinc plated A2J

The SPAX frame anchor for plug-free window and door frame fastening.

The features at a glance:

- **SPAX patented ground serrations:**
For effortless penetration of the screw.
- **SPAX frame anchors** are versatile
eg: frames can be connected together directly or using lugs.
- Accurate positioning and durable fastening.

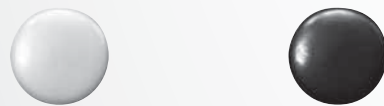
- Secure, tension free installation.

Installation:

Pre-drilling of 6mm over the entire length of the screw is required.

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
7.5	40	11.0	Thread	30	0.82	100	1000			1021010750405
	60	11.0	close	30	1.23	100	1000			1021010750605
	80	11.0	to	30	1.70	100	1000			1021010750805
	100	11.0	head	30	2.12	100	1000			1021010751005
	110	11.0		30	2.34	100	1000			1021010751105
	120	11.0		30	2.55	100	1000			1021010751205
	130	11.0		30	2.76	100	1000			1021010751305
	150	11.0		30	3.14	100	1000			1021010751505
	180	11.0		30	3.78	100	1000			1021010751805
	210	11.0		30	4.42	100	1000			1021010752105

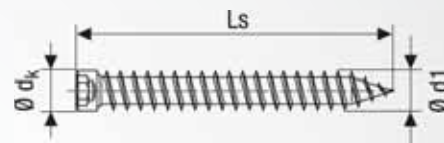
Plastic cover caps, suitable for SPAX-RA flat countersunk head.



White	0.04	500	5000	50000080000001
Black	0.04	500	5000	50000080000101

Cylindrical head, *T-STAR plus*

Case hardened, slide-coated



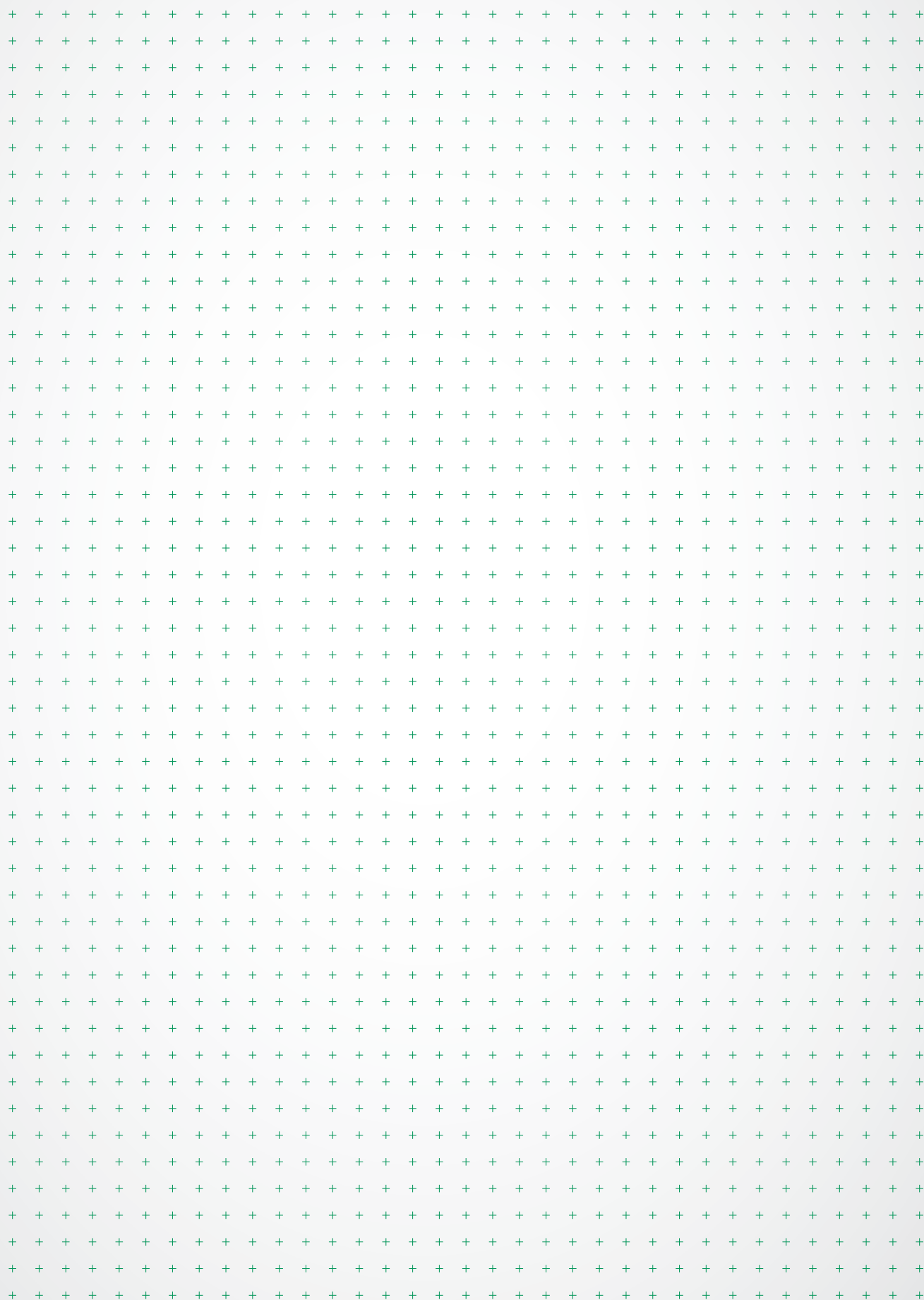
Blue zinc plated A2J

The SPAX frame anchor for plug-free window and door frame fastening.

The features at a glance:

- **SPAX patented ground serrations:**
For effortless penetration of the screw.
- **SPAX frame anchors** are versatile
eg: frames can be connected together directly or using lugs.
- Accurate positioning and durable fastening.
- Secure, tension free installation.
- **Installation:**
Pre-drilling of 6mm over the entire length of the screw is required.

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
						SPAX box	outer carton			
7.5	60	8.0	Thread	30	1.27	100	1000			1031010750605
	80	8.0	close	30	1.70	100	1000			1031010750805
	100	8.0	to	30	2.12	100	1000			1031010751005
	110	8.0	head	30	2.34	100	1000			1031010751105
	120	8.0		30	2.55	100	1000			1031010751205
	130	8.0		30	2.76	100	1000			1031010751305
	150	8.0		30	3.19	100	1000			1031010751505
	180	8.0		30	3.82	100	1000			1031010751805
	210	8.0		30	4.46	100	1000			1031010752105





The window construction self-drilling screw

for fastening single-wall UPVC profiles

FEX-A:
Coarse thread with ground serrations

- Flat head with ribs and drill point
- For UPVC profiles with a reinforcement in direct contact with the reinforcement chamber
- The milled ribs make countersinking the screw head flush to the surface easier

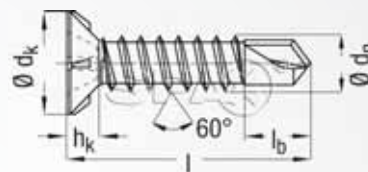


FEX[®]-A

SPAX
window

Flat countersunk head, cross recess, type H

With milled ribs, drill point, case hardened, slide-coated



Special surface silver A3J

The window self-drilling screw for fastening single-walled UPVC profiles.

The features at a glance:

- **SPAX patented ground serrations:**
For effortless penetration of the screw.
- **Corrosion Protection:**
Equivalent to window fixings standard.

■ Drill Point:

For optimum drilling performance in manual and automatic operation.

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size Type H	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
3.9	13	7.5	Thread	2	0.10	1000	10000			1401470390135
	16	7.5	close	2	0.12	1000	10000			1401470390165
	19	7.5	to	2	0.13	1000	10000			1401470390195
	25	7.5	head	2	0.18	1000	10000			1401470390255
	32	7.5		2	0.23	1000	10000			1401470390325
	38	7.5		2	0.27	1000	10000			1401470390385



Countersunk head-fitting screw

*for fastening hardware
to plastic profiles*

FEX-KS:

***Countersunk head fitting
screw with deep special
thread***

- Very high overtorque
- Flush countersinking
- Self-drilling point
- Breaking ribs below the head



FEX[®]-KS

 **SPAX**
window

Flat countersunk head, cross recess, type H

With breaking ribs, case hardened, slide-coated



Special surface silver A3J

Countersunk fitting screw for fastening hardware to plastic profiles.

All the features at a glance:

- **Point:**
Extended, sharp self-tapping point forms a collar of material that effectively increases the size of the thread bite. This provides even greater protection against over-tightening, especially in thin-walled plastic profiles.
- **Countersunk Head:**
The design of the breaking ribs ensures that the head is properly countersunk and increases the over-tightening torque.

- **Thread:**
Deep thread extending to the base of the head, with especially large pitch.
- **Corrosion Protection:**
Equivalent to window fixings standard.

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size Type H	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
4.0	16	7.0	Thread	2	0.10	1000	10000			1411470400165
	20	7.0	close	2	0.13	1000	10000			1411470400205
	22	7.0	to	2	0.15	1000	10000			1411470400225
	25	7.0	head	2	0.15	1000	10000			1411470400255
	30	7.0		2	0.18	1000	10000			1411470400305
	35	7.0		2	0.22	1000	10000			1411470400355
	40	7.0		2	0.25	1000	10000			1411470400405
	45	7.0		2	0.27	500	5000			1411470400455
	55	7.0		2	0.32	500	5000			1411470400555
Repair screw for plastic profiles										
5.0	40	7.0		2	0.30	500	5000			1411470500405



The screw for wooden window frames

No splitting

The screw for fastening hardware to wooden window frames

- Special surface provides improved corrosion protection
- SPAX ground serrations ensure rapid, secure driving
- No pre-drilling necessary (wood-dependent)
- SPAX *4CUT point* effectively reduces splitting of the wood
- Breaking ribs below the head
- SPAX *T-STAR plus* T15 and cross recess, type Z



FEX[®]-H

 **SPAX**
window

Flat countersunk head, *T-STAR plus*

With breaking ribs, SPAX 4CUT point, case hardened, slide-coated



Special surface silver A3J

The screw for fastening hardware to wooden window frames

The features at a glance:

- **SPAX patented ground serrations:**
For effortless penetration of the screw.
- **Head:**
The rounded head enhances the aesthetics, even if the screw is askew. Breaking ribs located under the head allow increased over-tightening moment.

- **Corrosion Protection:**
Equivalent to window fixings standard.

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
						SPAX box	outer carton			
4.0	30	7.3	18	15	0.18	1000	10000			35704012301471
	35	7.3	23	15	0.20	1000	10000			35704012302471
	40	7.3	23	15	0.23	1000	10000			35704012303471

Wide range of
applications
*for true universal
usage*

SPAX® –
*as incredible
as it looks*

- Quick and easy to use
- Universal application
- Reduces splitting
- No pre-drilling necessary
(wood-dependent)

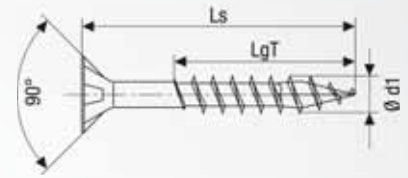


The universal screw



Flat countersunk head, *T-STAR plus*

With SPAX MULTI Head and SPAX 4CUT point, case hardened, slide-coated



Blue zinc plated A2J

**Wide range of application,
for universal usage.**

The features at a glance:

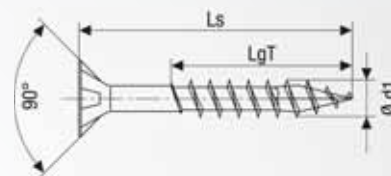
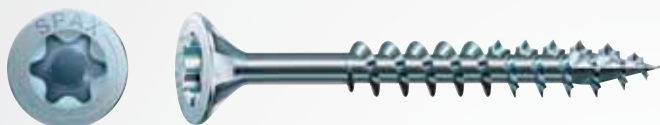
- Quick and easy to use
- Universal application

- Reduces splitting
- No pre-drilling necessary (wood-dependent)

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
3.0	30	6.0	18	10	0.11	1000	10000			0191010300305
	35	6.0	23	10	0.13	1000	10000			0191010300355
	40	6.0	23	10	0.14	1000	10000			0191010300405
3.5	30	7.0	18	15	0.14	1000	10000			0191010350305
	35	7.0	23	15	0.17	1000	10000			0191010350355
	40	7.0	23	15	0.19	1000	10000			0191010350405
	45	7.0	30	15	0.21	1000	10000			0191010350455
	50	7.0	32	15	0.24	500	5000			0191010350505
4.0	30	8.0	18	20	0.20	1000	10000			0191010400305
	35	8.0	23	20	0.21	1000	10000			0191010400355
	40	8.0	23	20	0.26	1000	10000			0191010400405
	45	8.0	30	20	0.27	500	5000			0191010400455
	50	8.0	32	20	0.31	500	5000			0191010400505
	60	8.0	35	20	0.35	500	5000			0191010400605
	70	8.0	37	20	0.40	500	5000			0191010400705
	80	8.0	37	20	0.46	200	2000			0191010400805

Flat countersunk head, *T-STAR plus*

With SPAX MULTI Head and SPAX 4CUT point, case hardened, slide-coated



Blue zinc plated A2J

**Wide range of application,
for universal usage.**

The features at a glance:

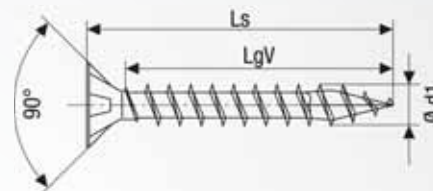
- Quick and easy to use
- Universal application

- Reduces splitting
- No pre-drilling necessary
(wood-dependent)

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size T-Star plus	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
5.0	30	9.7	17	20	0.32	500	5000			0191010500305
	35	9.7	25	20	0.36	500	5000			0191010500355
	40	9.7	27	20	0.40	500	5000			0191010500405
	45	9.7	30	20	0.44	500	5000			0191010500455
	50	9.7	32	20	0.47	500	5000			0191010500505
	55	9.7	37	20	0.53	500	5000			0191010500555
	60	9.7	37	20	0.57	500	5000			0191010500605
	70	9.7	41	20	0.65	200	2000			0191010500705
	80	9.7	46	20	0.72	200	2000			0191010500805
	90	9.7	61	20	0.82	200	2000			0191010500905
	100	9.7	61	20	0.91	200	2000			0191010501005
	120	9.7	69	20	1.07	200	2000			0191010501205
6.0	40	11.5	24	30	0.58	500	5000			0191010600405
	50	11.5	32	30	0.74	200	2000			0191010600505
	60	11.5	37	30	0.87	200	2000			0191010600605
	70	11.5	41	30	1.00	200	2000			0191010600705
	80	11.5	46	30	1.13	200	2000			0191010600805
	90	11.5	61	30	1.25	200	2000			0191010600905
	100	11.5	61	30	1.38	100	1000			0191010601005
	120	11.5	68	30	1.64	100	1000			0191010601205
	140	11.5	68	30	1.89	100	1000			0191010601405
	160	11.5	65	30	2.02	100	1000			0191010601605
	180	11.5	65	30	2.40	100	1000			0191010601805
	200	11.5	65	30	2.54	100	1000			0191010602005

Flat countersunk head, *T-STAR plus*

With SPAX MULTI Head and SPAX 4CUT point, case hardened, slide-coated



Blue zinc plated A2J

**Wide range of application,
for universal usage.**

The features at a glance:

- Quick and easy to use
- Universal application

- Reduces splitting
- No pre-drilling necessary (wood-dependent)

Thread Ø d1	Length total Ls	Head Ø dk	Length partial thread LgT	Bit size Type H	Weight Kg/100	Packing units		Price wholesale \$ per/100	Price rec. retail \$ per/100	SPAX product code
3.0	12	6.0	10	10	0.05	1000	10000			1191010300125
	16	6.0	14	10	0.06	1000	10000			1191010300165
	20	6.0	17	10	0.07	1000	10000			1191010300205
	25	6.0	21	10	0.09	1000	10000			1191010300255
	30	6.0	26	10	0.11	1000	10000			1191010300305
3.5	15	7.0	11	15	0.05	1000	10000			1191010350155
	16	7.0	13	15	0.06	1000	10000			1191010350165
	20	7.0	16	15	0.07	1000	10000			1191010350205
	25	7.0	21	15	0.09	1000	10000			1191010350255
	30	7.0	25	15	0.11	1000	10000			1191010350305
	35	7.0	30	15	0.16	1000	10000			1191010350355
	40	7.0	35	15	0.18	1000	10000			1191010350405
4.0	45	7.0	40	15	0.20	1000	10000			1191010350455
	16	8.0	13	20	0.13	1000	10000			1191010400165
	20	8.0	16	20	0.13	1000	10000			1191010400205
	25	8.0	21	20	0.16	1000	10000			1191010400255
	30	8.0	25	20	0.19	1000	10000			1191010400305
	35	8.0	30	20	0.21	1000	10000			1191010400355
	40	8.0	35	20	0.24	1000	10000			1191010400405
	45	8.0	40	20	0.27	500	5000			1191010400455
5.0	50	8.0	45	20	0.30	500	5000			1191010400505
	30	9.7	25	20	0.30	500	5000			1191010500305
	35	9.7	30	20	0.35	500	5000			1191010500355
	40	9.7	35	20	0.38	500	5000			1191010500405
	45	9.7	39	20	0.42	500	5000			1191010500455
	50	9.7	44	20	0.47	500	5000			1191010500505
	60	9.7	54	20	0.57	500	5000			1191010500605
	70	9.7	61	20	0.65	200	2000			1191010500705
6.0	80	9.7	61	20	0.74	200	2000			1191010500805
	50	11.5	43	30	0.70	200	2000			1191010600505
	60	11.5	53	30	0.82	200	2000			1191010600605
	70	11.5	61	30	0.94	200	2000			1191010600705
	80	11.5	61	30	1.06	200	2000			1191010600805



BIT-program

- SPAX-BIT *T-STAR plus* in CUT-CASE
- SPAX-BIT *check* *T-STAR plus*



Bits



BIT Program

Length 25mm



**SPAX-BITS T-STAR plus –
Box of 5 in CUT-CASE**

**In connection with
SPAX T-STAR plus:**

- Maximum torque transfer
- Long life

- Quick threading
- Better seating
- Quicker access through colour coding



25mm length

Bit size	T 10	T 15	T 20	T 25
SPAX-No.	5000009182109	5000009182159	5000009182209	5000009182259
Price \$ per/100				
wholesale				
rec. retail				



35mm long

25mm length

Bit size	T 30	T 40	T 50
SPAX-No.	5000009182309	5000009182409	5077701515035
Price \$ per/100			
wholesale			
rec. retail			

BIT Program

Length 50mm



**SPAX-BITS T-STAR plus –
Box of 5 in CUT-CASE**

**In connection with
SPAX T-STAR plus:**

- Maximum torque transfer
- Long life

- Quick threading
- Better seating
- Quicker access through colour coding



50mm length

Bit size	T 10	T 15	T 20	T 25
SPAX-No.	5000009182109	5000009183159	5000009183209	5000009183259
Price \$ per/100				
wholesale				
rec. retail				

50mm length

Bit size	T 30	T 40
SPAX-No.	5000009183309	5000009183409
Price \$ per/100		
wholesale		
rec. retail		

BIT Program



SPAX®-BITcheck

SPAX-BITcheck T-STAR plus:

1 Rapidaptor bit holder

+ 6 T-STAR plus BITS Length 25 mm

10 BITcheck in a counter display



Packing units		Weight	Price	Price	SPAX
SPAX	Outer	Kg/100	wholesale	rec. retail	product
box	carton		\$ per/100	\$ per/100	code
10	100	10.00			5000009181309

Functionality of the Rapidaptor
with permanent magnet and easy-out mechanism







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