

**NEW**

**SPAX**<sup>®</sup>



SPAX – Construction

# SPAX-Iso

the insulation screw  
for roofs and facades

MADE IN  
*Germany*

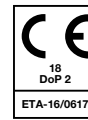
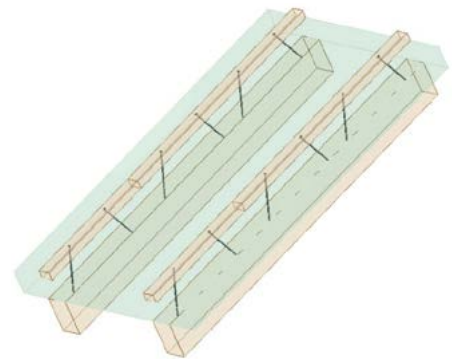
## SPAX-Iso

### the insulation screw for roofs and facades

The SPAX-Iso screw is suitable for installing soft materials used in over-rafter insulation. Pressure loads, such as those caused by roofing or snow loads, cannot be absorbed by compressible insulating materials. Partial-thread screws are not suitable for installing compressible insulating materials.

Thanks to SPAX-Iso, installing compressible insulating materials is not a problem. The fixing thread holds the counter-batten tight and transfers the compressive forces. This keeps the insulating material in shape.

The SPAX Design Software enables you to calculate your project and choose an appropriate SPAX.



per European  
Technical Assessment  
ETA-16/0617

#### Penetration depth in rafter [mm]

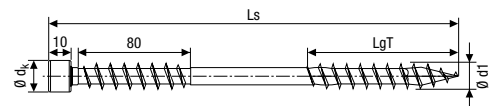
Screw length [mm]	200		230		260		290		320		350	
	40	60	40	60	40	60	40	60	40	60	40	60
<b>Batten thickness [mm]</b>												
<b>Insulating-material thickness [mm]*</b>												
60	91	70	121	100	151	130	181	160	211	190	241	220
80	70	48	100	78	130	108	160	138	190	168	220	198
100	48	-	78	56	108	86	138	116	168	146	198	176
120	-	-	56	-	86	64	116	94	146	124	176	154
140	-	-	-	-	64	43	94	73	124	103	154	133
160	-	-	-	-	43	-	73	51	103	81	133	111
180	-	-	-	-	-	-	51	-	81	59	111	89
200	-	-	-	-	-	-	-	-	59	-	89	68
220	-	-	-	-	-	-	-	-	-	-	68	46

Minimum thread depth in rafter = batten thickness or min. 4xd1 acc. to ETA-16/0617

\* If the roof boarding is used, this has to be taken into account when calculating the thickness of the insulating material. E.g. 120 mm insulating material + 20 mm roof boarding = 140 mm in the table

#### The SPAX advantages:

- **Cylinder head**  
can be easily countersunk in wood
- **Fixing thread**  
holds the batten at the correct clearance and bears the load
- **Ground serrations**  
for quick and secure fastening
- **4CUT**  
pushes aside the fibre of the wood, effectively reduces the splitting of the wood!



#### Cylinder head, fixing thread, T-STAR plus

4CUT, case hardened, slide-coated



Dimensions [mm]

Gewinde-Ø d1	Length total L <sub>s</sub>	Length partial thread L <sub>gT</sub>	BIT size T	Packaging unit SPAX BOX [pieces]	SPAX-No.	EAN code
<b>10.0</b> Ø d <sub>k</sub> = 12.3 mm	200	80	50	50	0491011002005	4003530252761
	230	80	50	50	0491011002305	4003530252778
	260	80	50	50	0491011002605	4003530252785
	290	80	50	50	0491011002905	4003530252792
	320	80	50	50	0491011003205	4003530252808
	350	80	50	50	0491011003505	4003530252815



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