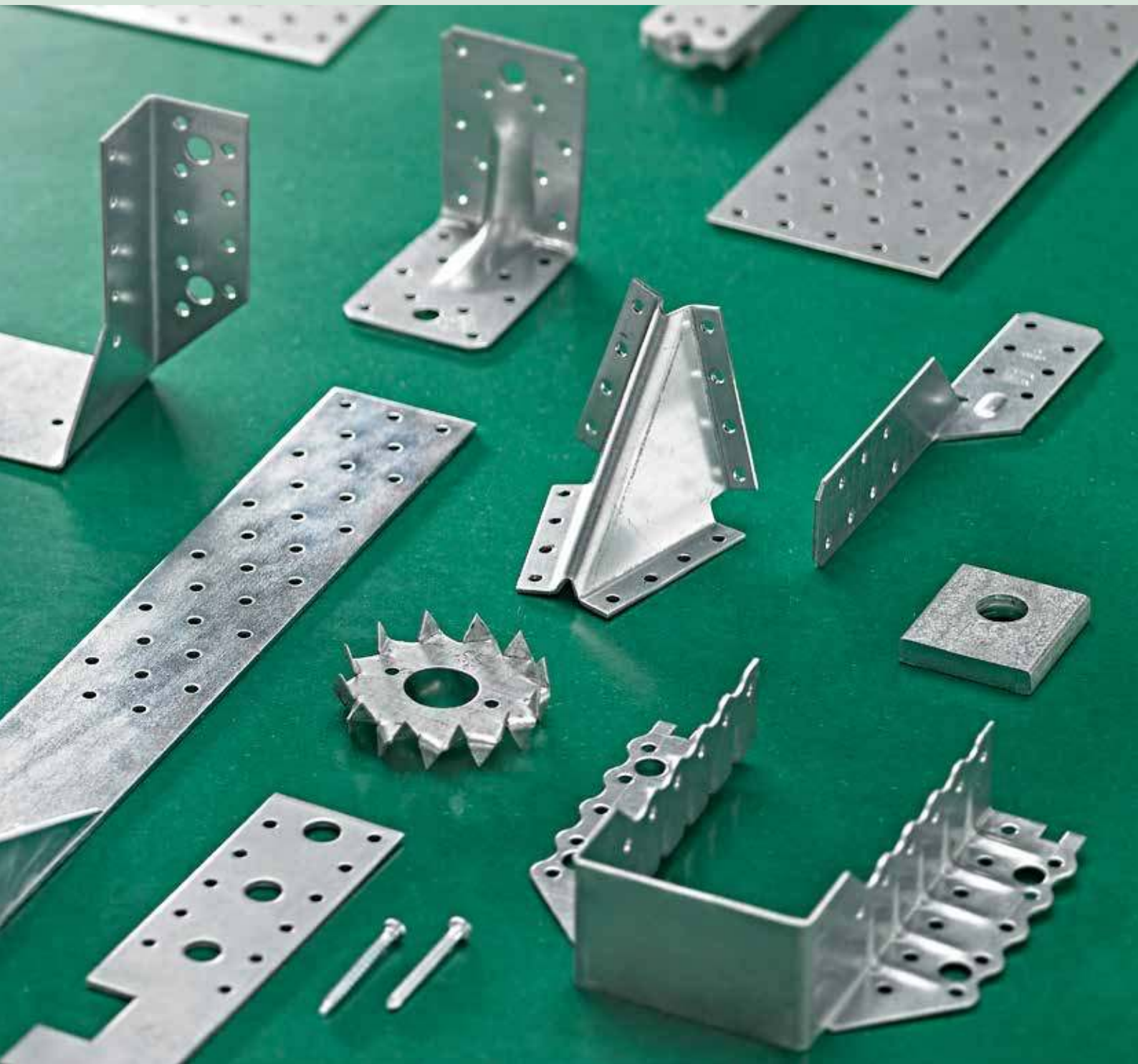


SPAX WOOD CONNECTORS **CATALOGUE**

Valid from 1st of August 2026







SPAX DESIGN SOFTWARE

PLANNING AND MEASUREMENT

The SPAX design software is optimised for the use of all standard end devices incl. tablets and smartphones. It can be accessed and used with the most common browsers.

The server-based application makes it possible to carry out measurements regardless of the location of your computer. All you need is internet access. Since it is a server-based solution, local software installation is not necessary or possible.

Calculation can be accessed, saved and managed easily and centrally within projects in your profile online.

The search function also ensures you can find existing calculations quickly.

The SPAX design software is available in various languages, including German, English, French and Spanish.

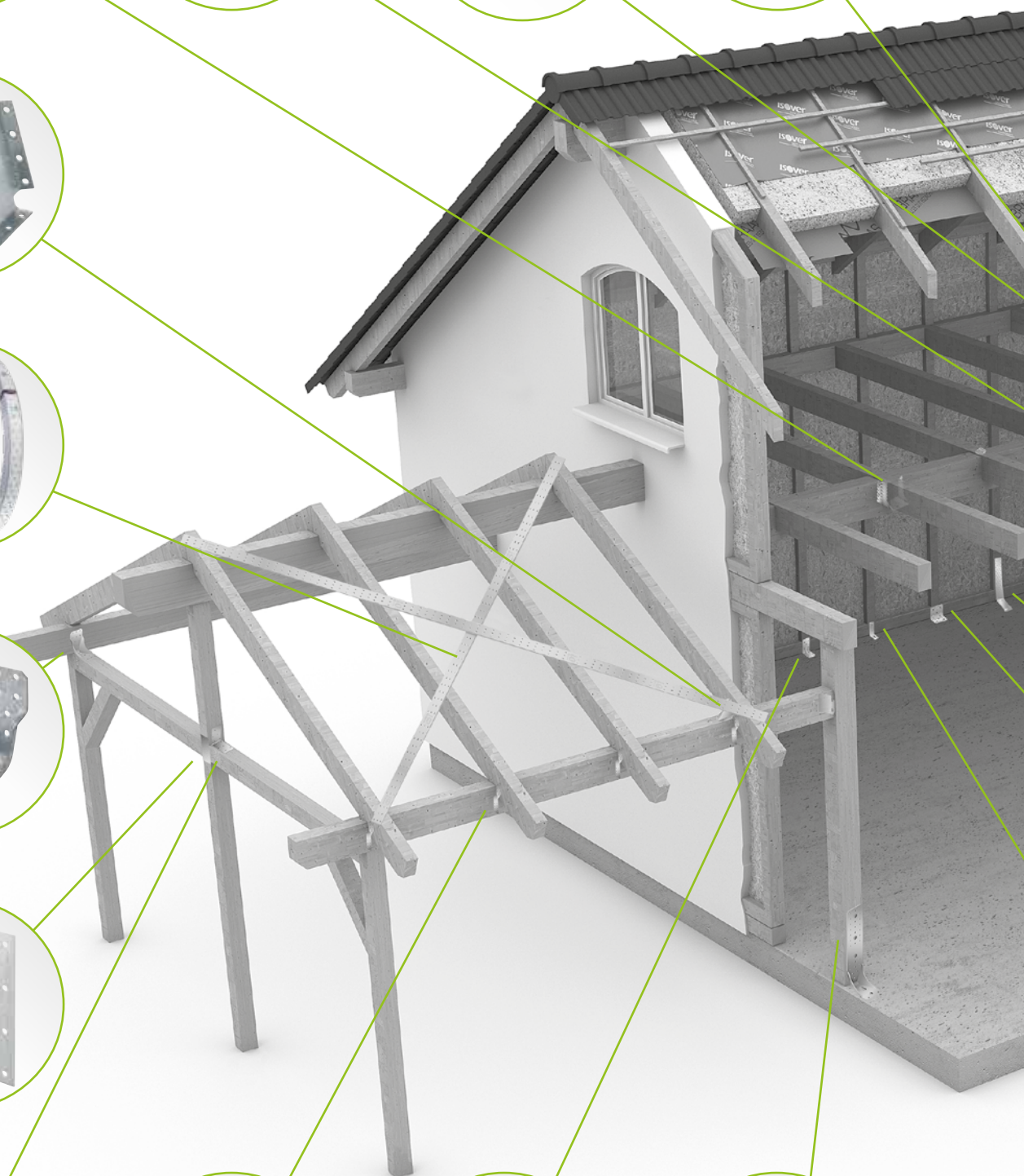
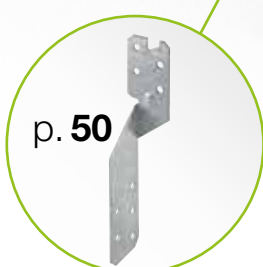
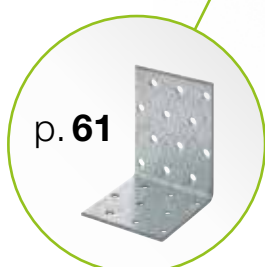
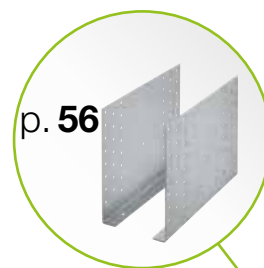
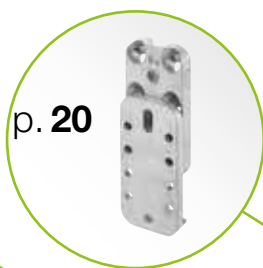
Planning and calculation modules are also available for the SPAX wood connector range, such as modules for joist hangers, concealed connectors, angle brackets, hold-downs, purlin anchors, nail-on plates and nail-on angle brackets incl. matching fasteners.

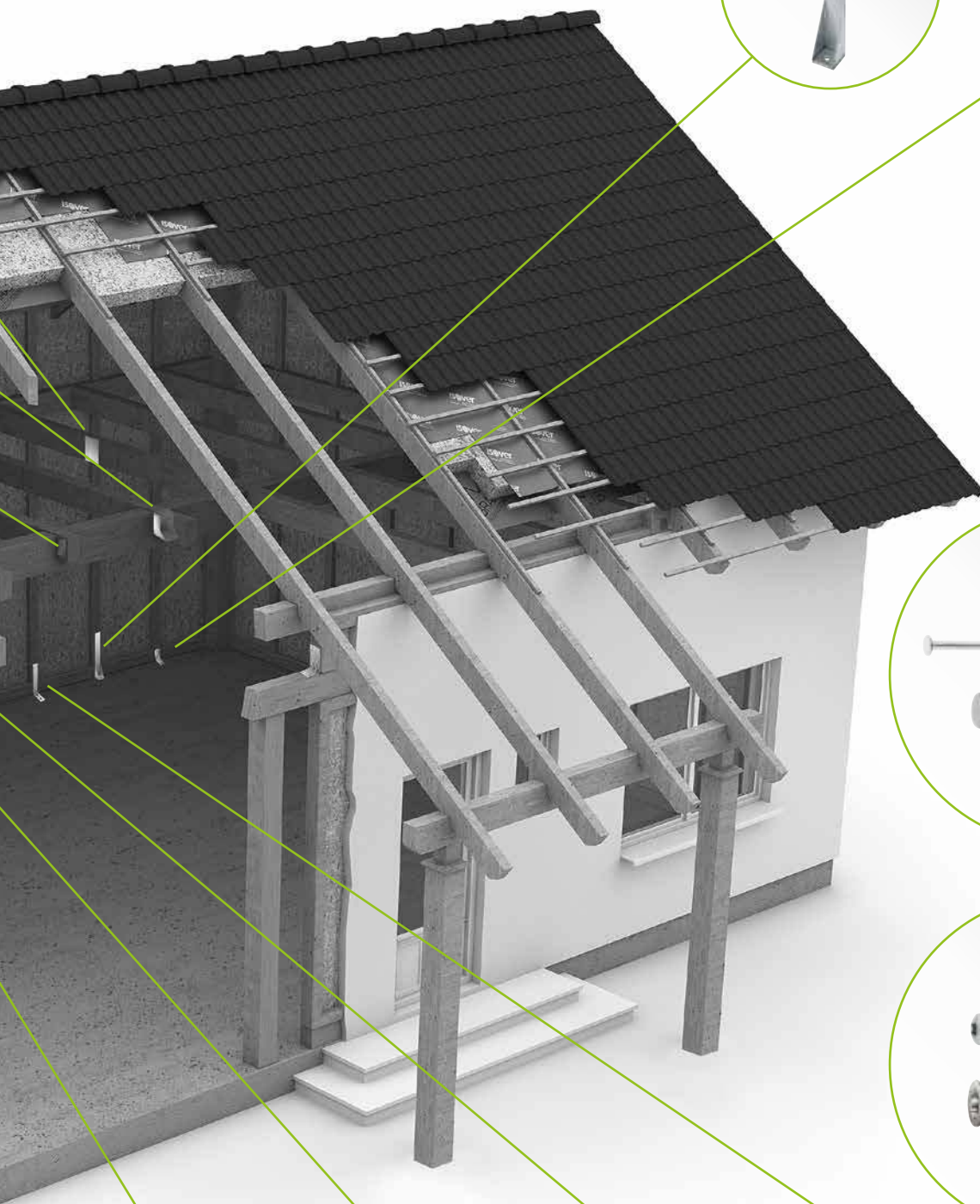
You can find a more detailed description of the program at <https://oxomi.com/p/3002034>

in the SPAX design software how-to guide. One-off registration is required for use.

You can download the software directly here: <https://holzbauberechnung.spax.com>







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p. 35



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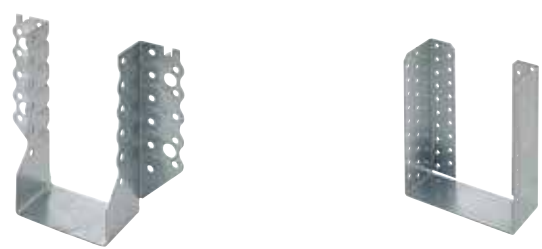
p. 40



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JOIST HANGERS



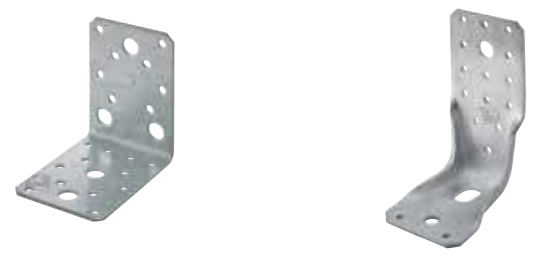
Page 8

CONCEALED BEAM HANGERS



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ANGLE BRACKETS



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HOLD DOWNS



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OTHER CONNECTORS



Page 42

PURLIN ANCHORS/ TRUSS CLIPS



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HINGE CONNECTORS AND PURLIN CLEATS



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NAIL-ON PLATES AND NAIL-ON PLATE ANGLE BRACKETS



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WIND BRACING STRAP



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NAILS AND SCREWS



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JOIST HANGERS

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Combi joist hanger SXJHK



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Short joist hanger SXJHS



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Joist hanger SXJH



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Combi joist hanger, 2-part SXJHK2P



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Internal joist hanger SXJHI



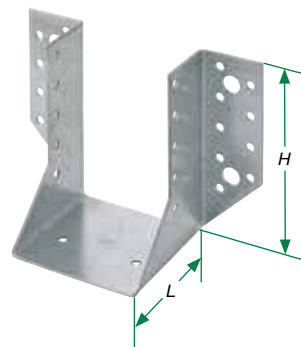
Page 16

Combi joist hanger, internal SXJHKI



Combi joist hanger SXJHK

Hot-dip galvanised sheet metal



	Dimensions [mm]							Packaging units			SPAX number	EAN code	
	W	H	L	t	nH ¹ dia. 5	nN ² dia. 5	nH ¹ dia. 11	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	38	111	80	2,0	14	8	4xØ9	13.87	50	24	SXJHK38111	4003530294761	4003530294655
	40	110	80	2,0	14	8	4xØ9	13.50	50	24	SXJHK40110	4003530264180	4003530264177
	45	108	80	2,0	14	8	4xØ9	13.87	50	24	SXJHK45108	4003530294778	4003530294662
	45	138	80	2,0	18	10	4	18.15	50	24	SXJHK45138	4003530294785	4003530294679
	51	105	80	2,0	14	8	4xØ9	13.50	50	24	SXJHK51105	4003530261473	4003530264160
	51	135	80	2,0	18	10	4	17.70	50	24	SXJHK51135	4003530261466	4003530264153
	51	165	80	2,0	22	12	4	20.00	50	24	SXJHK51165	4003530261534	4003530264221
	51	195	80	2,0	26	14	6	12.15	25	24	SXJHK51195	4003530261459	4003530264146
	60	100	80	2,0	14	8	4xØ9	13.50	50	24	SXJHK60100	4003530261404	4003530264092
	60	130	80	2,0	19	10	4	17.70	50	24	SXJHK60130	4003530261442	4003530264139
	60	160	80	2,0	22	12	4	21.00	50	24	SXJHK60160	4003530261435	4003530264122
	60	190	80	2,0	26	14	6	12.15	25	24	SXJHK60190	4003530261428	4003530264115
	60	220	80	2,0	30	16	6	13.83	25	24	SXJHK60220	4003530261411	4003530264108
	64	128	80	2,0	18	10	4	18.15	50	24	SXJHK64128	4003530294792	4003530294686
	70	155	80	2,0	22	12	4	21.00	50	24	SXJHK70155	4003530261305	4003530263996
	73	184	80	2,0	26	14	6	12.15	25	24	SXJHK73184	4003530261398	4003530264085
	76	152	80	2,0	22	12	4	21.55	50	24	SXJHK76152	4003530294808	4003530294693
	76	182	80	2,0	26	14	6	12.60	25	24	SXJHK76182	4003530294822	4003530294716
	80	120	80	2,0	18	10	4	17.70	50	24	SXJHK80120	4003530261497	4003530264184
	80	150	80	2,0	22	12	4	21.00	50	24	SXJHK80150	4003530261374	4003530264061
	80	180	80	2,0	26	14	6	12.15	25	24	SXJHK80180	4003530261367	4003530264054
	80	210	80	2,0	30	16	6	13.83	25	24	SXJHK80210	4003530261350	4003530264047
	100	90	80	2,0	12	6	2	16.60	50	24	SXJHK10090	4003530261343	4003530264030
	100	140	80	2,0	22	12	4	21.00	50	24	SXJHK100140	4003530261336	4003530264023
	100	170	80	2,0	26	14	6	12.15	25	24	SXJHK100170	4003530261329	4003530264016
	100	200	80	2,0	30	16	6	13.83	25	24	SXJHK100200	4003530261312	4003530264009
	120	120	80	2,0	18	10	4	9.95	25	24	SXJHK120120	4003530261381	4003530264078
	120	160	80	2,0	26	14	4	12.15	25	24	SXJHK120160	4003530261541	4003530264238
	120	190	80	2,0	30	16	6	15.48	25	24	SXJHK120190	4003530261503	4003530264191
	140	139	80	2,0	22	12	4	11.60	25	24	SXJHK140139	4003530261510	4003530264207
	140	180	80	2,0	30	16	6	13.83	25	24	SXJHK140180	4003530261527	4003530264214

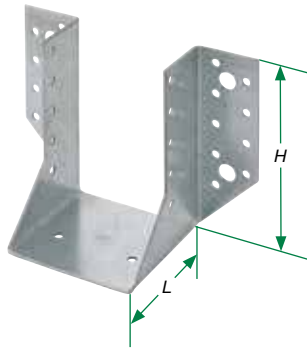
NEW

W Standard dimensions | Quantity discount available | t = sheet thickness | nH¹ = number of nail holes in the header to main beam | nN² = number of nail holes in the header to secondary beam

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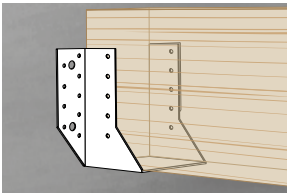
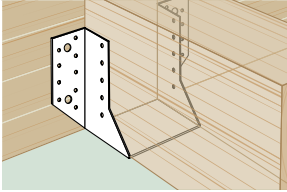
0769-CPR-6237/02 | ETA-20/0145





Combi joist hanger SXJHK

Hot-dip galvanised sheet metal

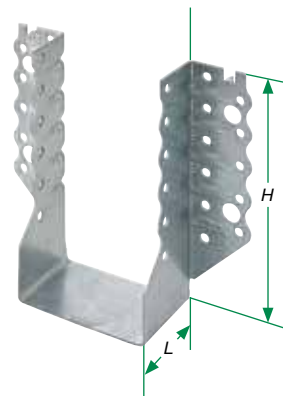


Features/advantages:

- The classic joist hanger in 2 mm sheet thickness and 80 mm installation depth
- Universal use thanks to combination perforation (small + large holes) Wood to wood, wood to concrete, wood to steel → can be used flexibly to meet a wide range of requirements on construction sites
- Connection via intermediate layer possible, e.g. OSB → rapid connection
- Partial or full nailing → flexibility depending on load (for nails and screws see page 70/71)
- Also available in an internal version (see page 16)

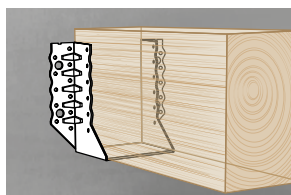
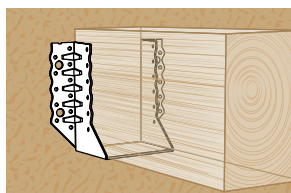
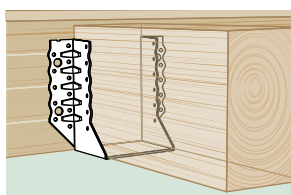
Short joist hanger SXJHS

Hot-dip galvanised sheet metal



	Dimensions [mm]							Packaging units			SPAX number	EAN code	
	W	H	L	t	nH ¹ dia. 5	nN ² dia. 5	nH ¹ dia. 11	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	51	105	50	1,5	14	8	2	9,35	50	24	SXJHS51105	4003530261831	4003530264528
	60	100	50	1,5	14	8	2	9,35	50	24	SXJHS60100	4003530261848	4003530264535
	60	160	50	1,5	22	12	4	13,70	50	24	SXJHS60160	4003530261879	4003530264566
	80	120	50	1,5	18	10	4	11,55	50	24	SXJHS80120	4003530261862	4003530264559
	80	150	50	1,5	22	12	4	13,70	50	24	SXJHS80150	4003530261824	4003530264511
	100	140	50	1,5	22	12	4	13,70	50	24	SXJHS100140	4003530261855	4003530264542

■ Standard dimensions | ■ Quantity discount available | t = sheet thickness | nH¹ = number of nail holes in the header to main beam | nN² = number of nail holes in the header to secondary beam



Features/advantages:

- Innovative joist hanger made of thin 1.5-mm sheet metal. Despite this, it has the same load-bearing capacity as a joist hanger made of 2.0-mm sheet metal → more environmentally friendly and resource-saving thanks to less material and lower weight
- Locator prong: the third hand during installation, independent grip, both hands free to nail → easier work
- Reinforcement beading provides additional stability for the joist hangers → for the highest demands, such as 2-axis loading, approved transverse installation
- Advantage of short version: Installation depth only 50 mm → especially for concealed installation in timber frame construction, no limitation in load capacity compared to long version
- Partial or full nailing → flexibility depending on load
- Ring marking on nail holes → for correct partial nailing

Connection options:

- Wood to wood: with SPAX connector nail or SPAX wood connector screw (see page 70/71)
- Wood to engineered wood boards (chipboard and OSB boards): only with SPAX wood connector screw (see page 71)

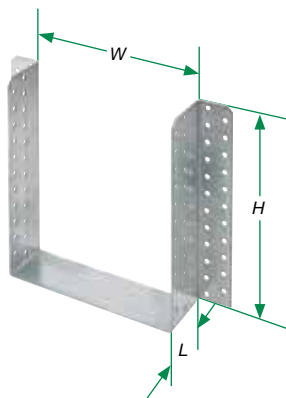
When using large holes, the following connections are also possible:

- wood to concrete: with suitable plugs, chemical anchors, anchor bolts, concrete screws, etc.
- Wood to steel: with suitable metric screws

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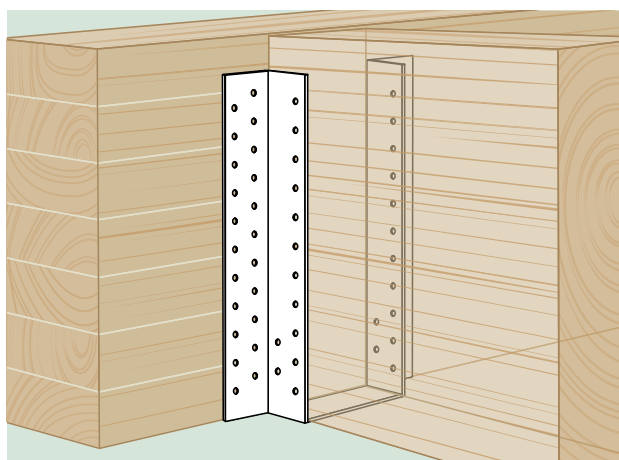


Joist hanger SXJH

Hot-dip galvanised sheet metal

	Dimensions [mm]						Packaging units			SPAX number	EAN code	
	W	H	L	t	nH ¹ dia. 5	nN ² dia. 5	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	120	240	61	2,0	46	30	17,80	20	24	SXJH120240	4003530261732	4003530264429
	140	200	61	2,0	38	22	16,20	20	24	SXJH140200	4003530261749	4003530264436
	160	160	61	2,0	30	18	10,65	15	24	SXJH160160	4003530261688	4003530264375
	160	200	61	2,0	38	22	12,45	15	24	SXJH160200	4003530261725	4003530264412
	160	240	61	2,0	46	30	14,10	15	24	SXJH160240	4003530261718	4003530264405
	180	220	61	2,0	42	26	9,10	10	24	SXJH180220	4003530261695	4003530264382
	200	240	61	2,0	46	30	10,00	10	24	SXJH200240	4003530261701	4003530264399

Standard dimensions | t = sheet thickness | nH¹ = number of nail holes in the header to main beam | nN² = number of holes in the header to secondary beam (as an option, the second row of holes can be perforated. The specified number of holes refers to the holes required for load transfer.)

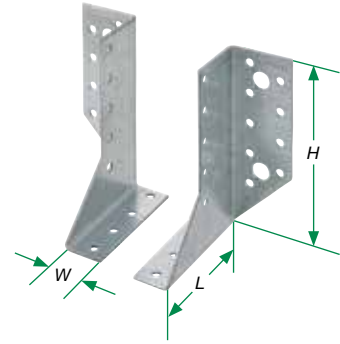


Features/advantages:

- Joist hanger made of 2 mm sheet metal for pure wood to wood connections. Low installation height of 61 mm
- Optimal load-bearing capacity in wood to wood connections, no weakening thanks to large holes → optimal load-bearing capacity with high loads
- Connection via intermediate layer possible, e.g. OSB → rapid connection
- Partial or full nailing → flexibility depending on load (for nails and screws see page 70/71)
- Also available for internal version (see page 15)

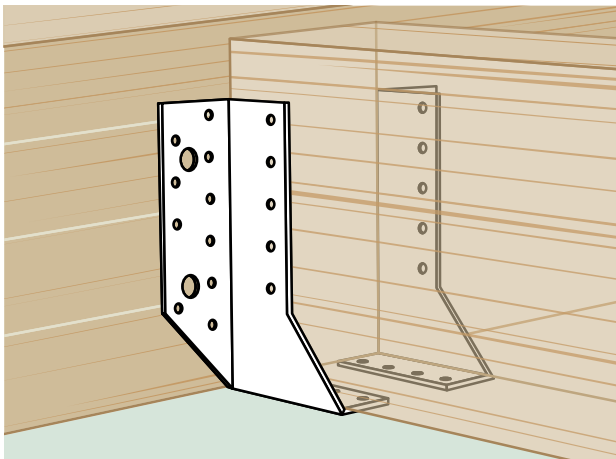
Combi joist hanger, 2-part SXJHK2P

Hot-dip galvanised sheet metal



Dimensions [mm]								Packaging units				SPAX number	EAN code	
W	H	L	t	nH ¹ dia. 5	nN ² dia. 5	nH ¹ dia. 11	Weight per PU kg	Content per PU pair	Content per PU pc.	Quantity PU per pallet	Single product pc.		Packaging unit PU	
	25	160	80	2,0	26	12	4	10,50	25	50	54	SXJHK2P25160	4003530261817	4003530264504

t = sheet thickness | nH¹ = number of nail holes in the header to main beam | nN² = number of nail holes in the header to secondary beam



Features/advantages:

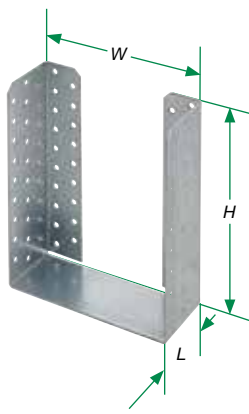
- Two-part combi joist hanger
- Can be used for various secondary beam widths (from 50 mm width) → flexible use
- Ideal for use in the renovation of old buildings where wood is often of different widths → one joist hanger covers all beam widths
- Universal use thanks to combination perforation (small + large holes) Wood to wood, wood to concrete, wood to steel → can be used flexibly to meet a wide range of requirements on construction sites (for nails and screws see page 70/71)

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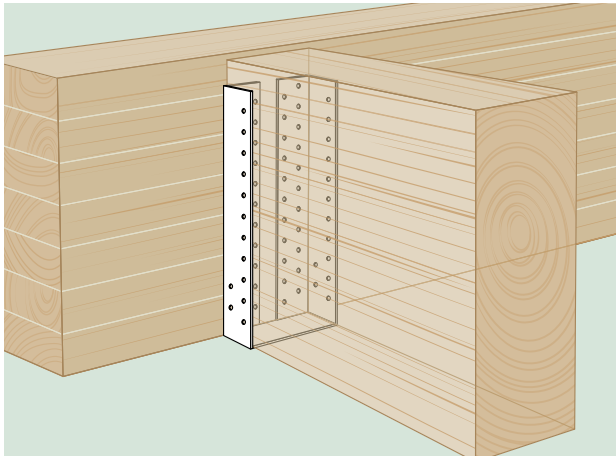


Internal joist hanger SXJHI

Hot-dip galvanised sheet metal

	Dimensions [mm]						Packaging units			SPAX number	EAN code	
	W	H	L	t	nH ¹ dia. 5	nN ² dia. 5	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	140	200	61	2,0	38	22	16,20	20	24	SXJHI140200	4003530261756	4003530264443
	160	160	61	2,0	30	18	10,65	15	24	SXJHI160160	4003530261763	4003530264450
	160	200	61	2,0	38	22	12,45	15	24	SXJHI160200	4003530261770	4003530264467
	180	220	61	2,0	42	26	9,10	10	24	SXJHI180220	4003530261800	4003530264498
	200	200	61	2,0	38	22	8,90	10	24	SXJHI200200	4003530261787	4003530264474
	200	240	61	2,0	46	30	10,00	10	24	SXJHI200240	4003530261794	4003530264481

Standardmaß | t = Blechdicke | nH¹ = Lochanzahl in den Laschen zum Hauptträger | nN² = Lochanzahl in den Laschen zum Nebenträger (die zweite Lochreihe kann optional durchgelocht sein. Die angegebene Anzahl Löcher bezieht sich auf die für die Lastabtragung notwendigen Löcher.)

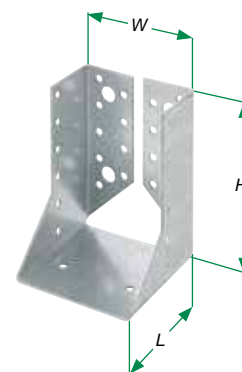


Features/advantages:

- Joist hanger made of 2 mm sheet metal for pure wood to wood connections
- Low installation height of 61 mm
- Optimal load-bearing capacity in wood to wood connections, no weakening through large holes → optimal load-bearing capacity with high loads
- Connection via intermediate layer possible, e.g. OSB → rapid connection
- Internal joist hanger → low edge clearance at the end grain of a main beam possible
- Partial or full nailing → flexibility depending on load (for nails and screws see page 70/71)

Combi joist hanger, internal SXJHKI

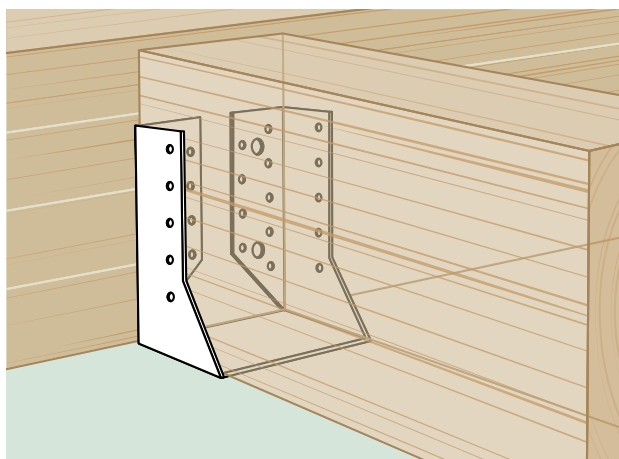
Hot-dip galvanised sheet metal



	Abmessungen [mm]							Verpackungseinheiten			SPAX Nummer	EAN-Code	
	B	H	L	t	nH ¹	nN ²	nH ¹	Gewicht pro VPE	Inhalt pro VPE	Anzahl VPE pro Palette		Einzelprodukt Stk.	Verpackungseinheit VPE
					Ø 5	Ø 5	Ø 11	kg	Stk.				
	45	108	78	2,0	8	8	–	13.52	50	24	SXJHKI45108	4003530261671	4003530264368
	60	100	78	2,0	8	8	4xØ9	14.10	50	24	SXJHKI60100	4003530261640	4003530264337
	60	160	78	2,0	12	12	4	21.00	50	24	SXJHKI60160	4003530261657	4003530264344
	76	152	78	2,0	22	12	4	12.60	25	24	SXJHKI76152	4003530294815	4003530294709
	80	120	78	2,0	18	10	4	17.68	50	24	SXJHKI80120	4003530261633	4003530264320
	80	150	78	2,0	22	12	4	21.00	50	24	SXJHKI80150	4003530261565	4003530264252
	80	180	78	2,0	26	14	6	12.16	25	24	SXJHKI80180	4003530261664	4003530264351
	100	90	78	2,0	12	6	2	16.60	50	24	SXJHKI10090	4003530261558	4003530264245
	100	140	78	2,0	22	12	4	21.00	50	24	SXJHKI100140	4003530261602	4003530264290
	100	170	78	2,0	26	14	6	12.16	25	24	SXJHKI100170	4003530261596	4003530264283
	100	200	78	2,0	30	16	6	13.82	25	24	SXJHKI100200	4003530261626	4003530264313
	120	160	78	2,0	26	14	6	12.16	25	24	SXJHKI120160	4003530261572	4003530264269
	120	190	78	2,0	30	16	6	13.82	25	24	SXJHKI120190	4003530261619	4003530264306
	140	180	78	2,0	30	16	6	13.82	25	24	SXJHKI140180	4003530261589	4003530264276

NEW

Standard dimensions | Quantity discount available | t = sheet thickness | nH¹ = number of nail holes in the header to main beam | nN² = number of holes in the header to secondary beam (as an option, the second row of holes can be perforated. The specified number of holes refers to the holes required for load transfer.)



Features/advantages:

- The classic joist hanger in 2 mm sheet thickness and 78 mm installation depth
- Internal joist hanger → low edge clearance at the end grain of a main beam possible
- Connection via intermediate layer possible, e.g. OSB → rapid connection
- Partial or full nailing → flexibility depending on load (for nails and screws see page 70/71)
- For wood to wood connections only. The large holes cannot be set statically on the internal version.

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SPAX CONCRETE SCREWS

Available in steel and A4 stainless steel.

HEX HEAD WITH WASHER

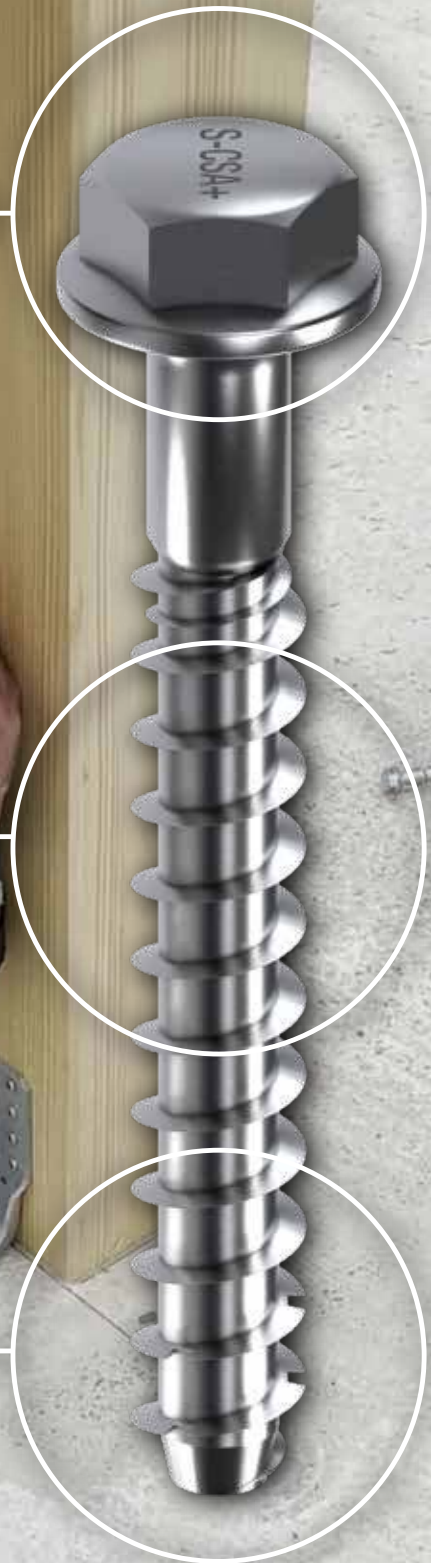
It couldn't be simpler. Thanks to the special head geometry and the large washer, fitting an attachment is a breeze.

THREAD GEOMETRY

It pays off. Thanks to the special thread geometry, the flanks cut deep into the concrete and provide maximum load-bearing capacity. The result? Fewer fixing points with smaller anchor plates, and therefore lower costs.

TIP GEOMETRY

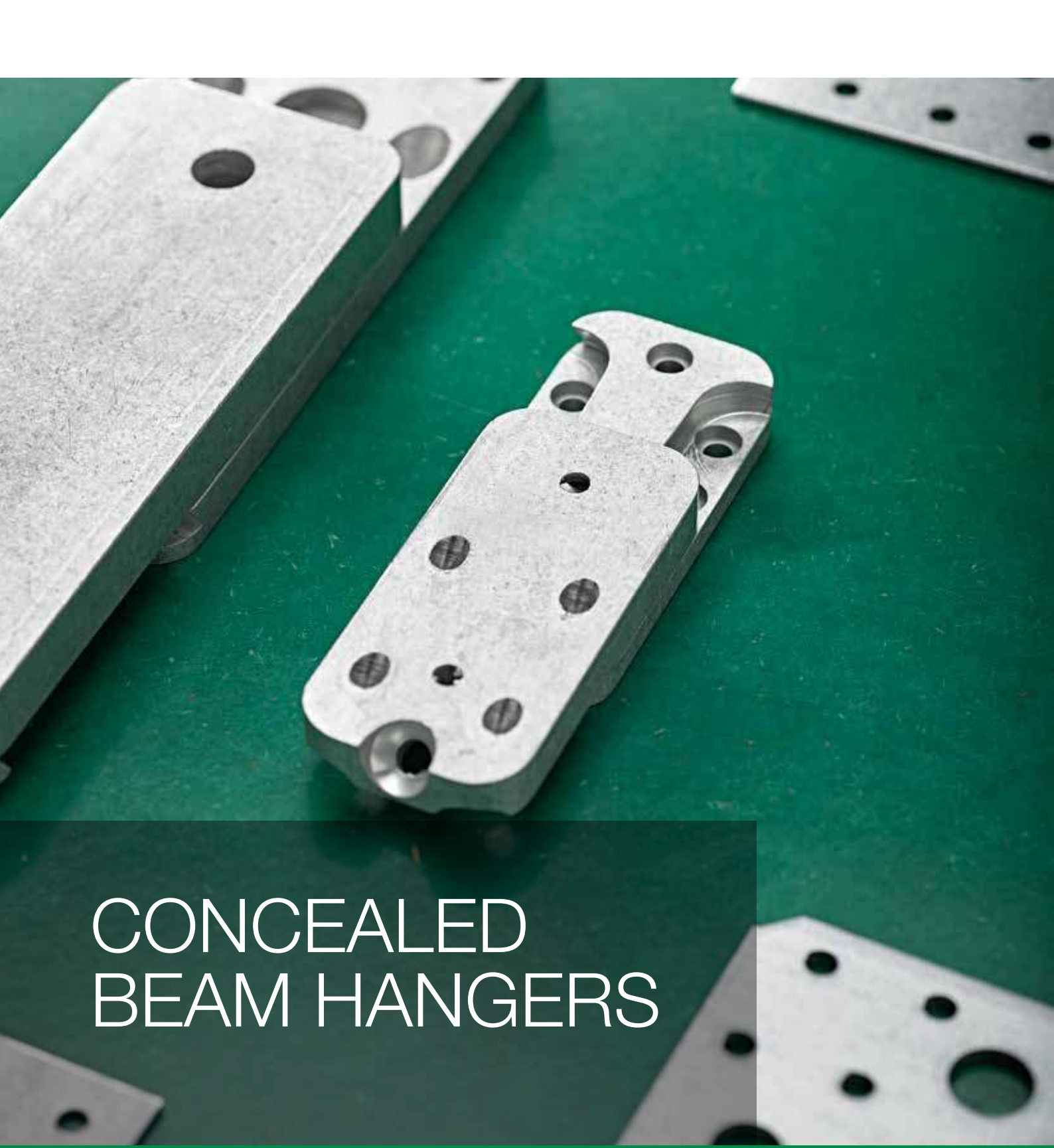
The design of the screw tip allows the screw to be positioned quickly and ensures a secure fastening in a variety of installation situations.



Catalogue



Video



CONCEALED BEAM HANGERS

Concealed beam hanger SXHC



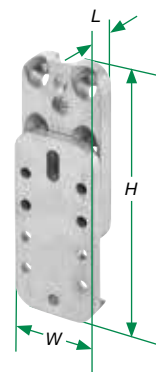
Concealed beam hanger concrete SXHCC



Concealed beam hanger wood to wood SXHC

2-part aluminium hanger

with dovetail guide and safety catch

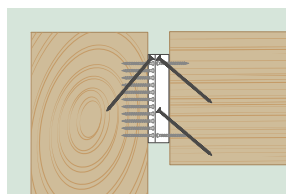


	Dimensions [mm]			Number of holes			Packaging units			SPAX number	EAN code	
	H	W	L	nH dia. 5	nN** dia. 6		Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	70	30	16	6	2	7xØ4**	1,78	25	96	SXHC70	4003530263163	4003530265853
	85	40	16	9	2	5	3,08	25	96	SXHC85	4003530263231	4003530265921
	115	60	16	15	2	7	6,50	25	96	SXHC115	4003530263262	4003530265952
	160	60	16	21	4	7	3,84	10	96	SXHC160	4003530263255	4003530265945
	215	60	16	30	4	9	5,15	10	96	SXHC215	4003530263248	4003530265938

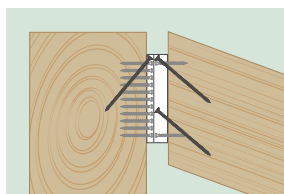
nH = number of holes to main beam for SPAX wood connector screws 5 mm (see page 71) | **nN** = number of holes to secondary beam for SPAX wood connector screws 5 mm (see page 71) for fastening the plate to the secondary beam | **nN²** = number of holes to secondary beam for SPAX full thread flat countersunk head 6 mm (see page 71) incl. one hole each for the safety catch in main beam | ** SPAX full thread flat countersunk head 4 mm is required for this connector (see e.g. SPAX Professional Catalogue, chapter wood construction screws)

Examples of use

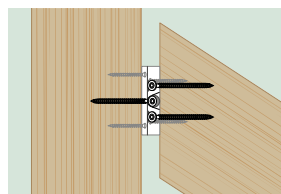
Wood to wood connector



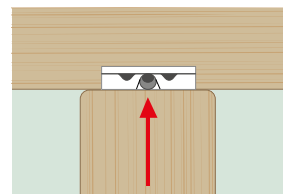
90° connection (side view)



Inclined connection (side view)



Sloped connection (top view)



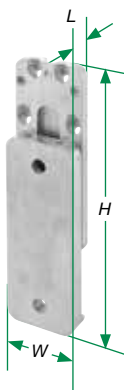
Safety catch

Features/advantages:

- For the non-visible connection of main beam to secondary beam: right-angled, oblique or inclined (rafters)
- Connectors can be completely milled in (concealed) or screwed on directly (with shadow gap)
→ aesthetically attractive designs possible
- Fast connection assembly → rapid installation
- Connector tightens due to conical sliding surfaces → wood components are tightly pulled together
- Connection can be dismantled as often as required → also ideal for temporary structures, such as trade fair booths
- Load capacity is determined by the number and length of the screws on the main and secondary beams → flexibility depending on load
- Up to two connectors beside each other possible = double the load capacity (min. spacing must be observed)
→ flexibility depending on load

Connection options:

- Wood to wood: SPAX wood connector screw and SPAX full thread flat countersunk head 4CUT (screws see page 71)



Concealed beam hanger wood to concrete SXHCC

2-part aluminium hanger

with dovetail guide and safety catch

	Dimensions [mm]						Packaging units			SPAX number	EAN code	
	H	W	L	nH dia. 5	nN ² dia. 6	nH dia. 12	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	115	60	24	2	6	2	4,00	10	240	SXHCC115	4003530263217	4003530265907
	160	60	24	4	6	2	5,74	10	96	SXHCC160	4003530263200	4003530265891
	215	60	24	4	8	3	7,74	10	96	SXHCC215	4003530263194	4003530265884

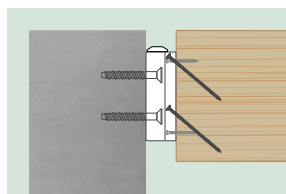
nH = number of holes to main beam (concrete/masonry/steel) | **nN** = number of holes to secondary beam for SPAX wood connector screws 5 mm (see page 71)

for fastening the plate to the secondary beam | **nN²** = number of holes to secondary beam for SPAX full thread flat countersunk head 6 mm (see page 71)

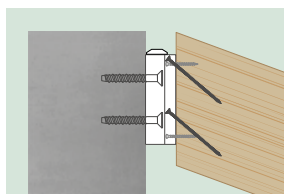
| incl. two M5 x 20 screws with washer for safety catch

Examples of use

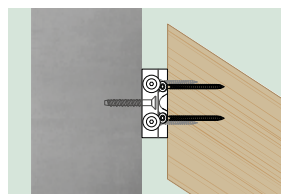
Wood to concrete connector



90° connection (side view)



Inclined connection (side view)



Sloped connection (top view)



Safety catch

- Like SXHC, only other plate on main beam with two or three large holes
- Wood to concrete/masonry: with suitable plugs, chemical anchors, anchor bolts, concrete screws, etc.
- Wood to steel: with suitable metric screws
- Different safety catch including M5 screws and washers

You can find suitable SPAX wood connector screws on page 71



Wood connector screws SXCS



SPAX full thread flat countersunk head 4CUT



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ANGLE BRACKETS

Page 24
Angle bracket with rib reinforcement SXABR

Page 25
SXABR asymmetric

Page 26
Angle bracket without rib reinforcement SXAB

Page 27
Angle bracket SXAKR9015

Page 28
Angle bracket with slotted hole SXAKRL

Page 29
Angle bracket with round hole SXAKR

Page 30
Angle bracket SXAE

Page 30
Bearing plate SXAEBP

Page 31
Angle bracket SXAC

Page 32
Angle bracket SXABB

Page 33
Angle bracket SXAF

Page 33
Angle bracket, extra strong SXAJ

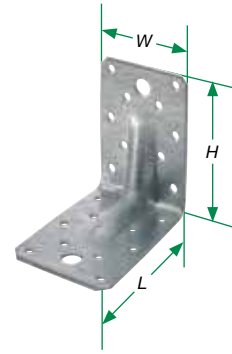
Page 34
Mounting bracket SXAD

Page 35
Door angle SXABB

Page 35
Concrete angle SXABL

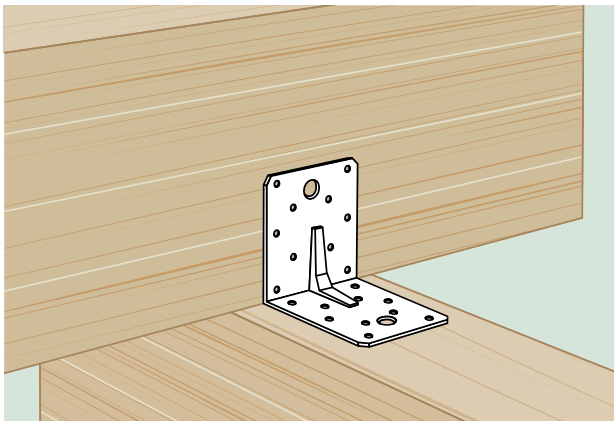

Angle bracket with rib reinforcement SXABR

Hot-dip galvanised sheet metal



	Dimensions [mm]							Packaging units			SPAX number	EAN code	
	H	L	W	t	n ¹ dia. 5	n ² dia. 11	n ² dia. 13	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	70	70	55	2,0	14	2	-	10,20	100	48	SXABR70	4003530263330	4003530266027
	90	90	65	2,5	20	2	-	19,00	100	48	SXABR90	4003530263545	4003530266232
	100	100	90	3,0	28	4	2	17,60	50	60	SXABR100	4003530263521	4003530266218

Quantity discount available | t = sheet thickness | n1 = no. of holes wood | n2 = number of holes concrete



Features/advantages:

- For universal use, e.g. securing wooden purlins

Connection options:

- Wood to wood: with SPAX connector nail or SPAX wood connector screw
(for nails and screws see page 70/71)

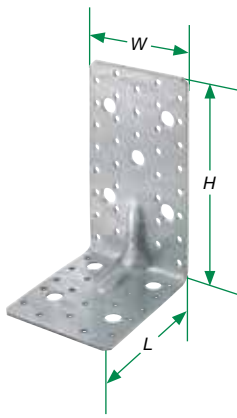
When using large holes, the following connections are also possible:

- Wood to concrete/masonry: with suitable plugs, chemical anchors, anchor bolts, concrete screws, etc.
- Wood to steel: with suitable metric screws through large holes 11 mm or 13 mm

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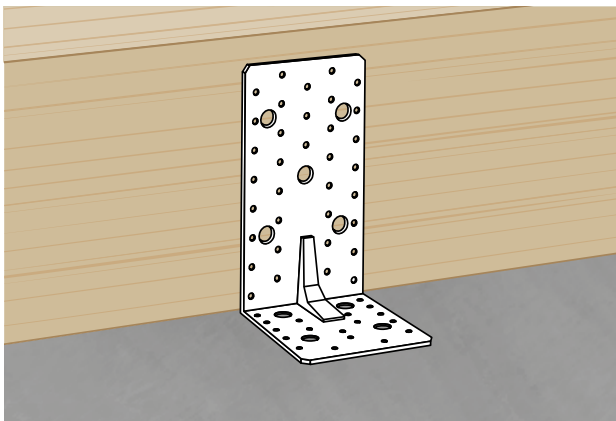
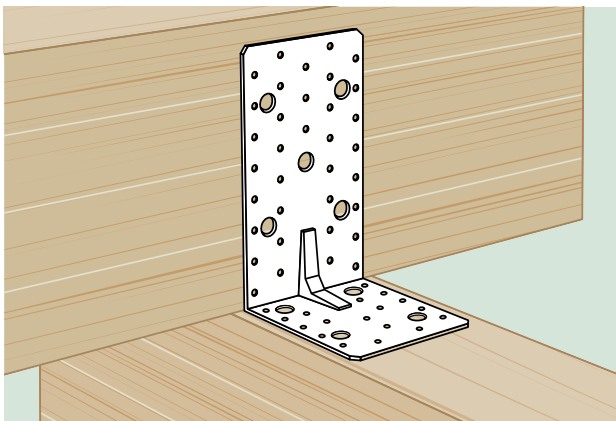


Angle bracket, asymmetric with rib reinforcement SXABR

Hot-dip galvanised sheet metal

Dimensions [mm]						Packaging units			SPAX number	EAN code	
H	L	W	t	n ¹ dia. 5	n ² dia. 13	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
170	110	95	3,0	53	9	13,91	25	60	SXABR170	4003530263507	4003530266195

t = sheet thickness | n1 = no. of holes wood | n2 = no. of holes concrete

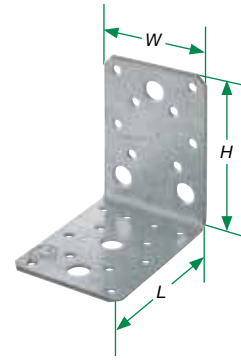


Features/advantages:

- Unequal angle bracket, for universal use
- for wood to wood and wood to concrete connections
- Can absorb very high loads → high load transfer possible
- Use for high sill-beams, for instance
- Ideal for absorption of F2/F3 loads, e.g. shear longitudinal forces along sill-beams or walls → high load transfer possible
- Connection to wood with SPAX connector nails or SPAX wood connector screws (for nails and screws see page 70/71)

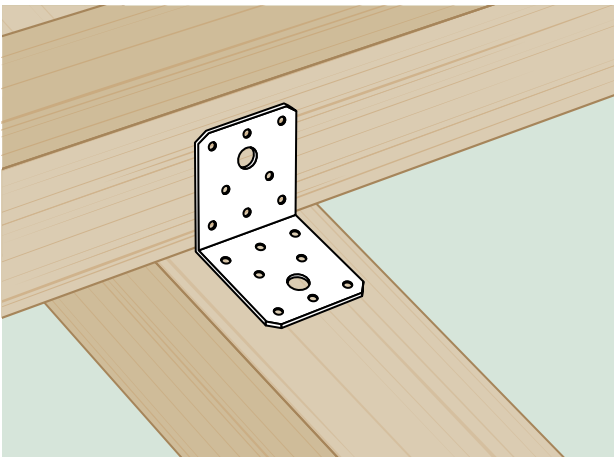
Angle bracket without rib reinforcement SXAB

Hot-dip galvanised sheet metal



	Dimensions [mm]							Packaging units			SPAX number	EAN code	
	H	L	W	t	n ¹ dia. 5	n ² dia. 11	n ² dia. 13	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	70	70	55	2,0	16	2	-	10,20	100	48	SXAB70	4003530263538	4003530266225
	90	90	65	2,5	20	5	-	19,00	100	48	SXAB90	4003530263491	4003530266188
	100	100	90	3,0	28	6	2	17,60	50	60	SXAB100	4003530263552	4003530266249

■ Quantity discount available | t = sheet thickness | n1 = no. of holes wood | n2 = number of holes concrete



Connection options:

- Wood to wood: with SPAX connector nail or SPAX wood connector screw (for nails and screws see page 70/71)

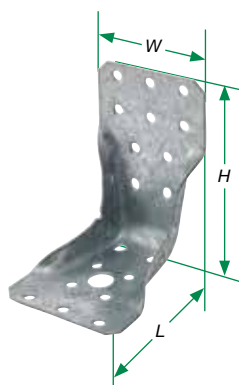
When using large holes, the following connections are also possible:

- Wood to concrete/masonry: with suitable plugs, chemical anchors, anchor bolts, concrete screws, etc.
- Wood to steel: with suitable metric screws through large holes 11 mm or 13 mm

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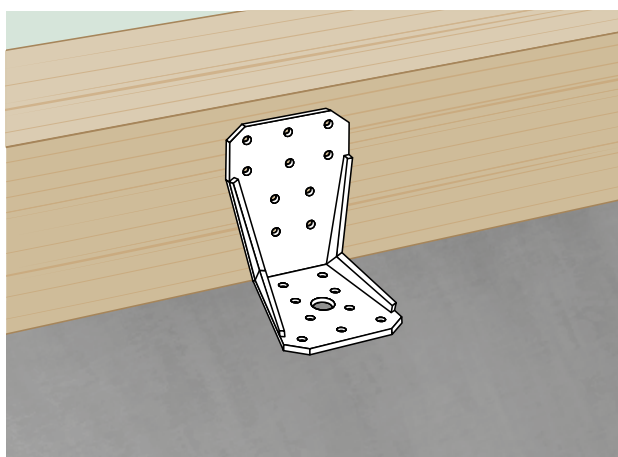


Angle bracket SXAKR9015

Hot-dip galvanised sheet metal

Dimensions [mm]						Packaging units			SPAX number	EAN code	
H	L	W	t	n ¹ dia. 5	n ² dia. 13	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
95	85	65	1,5	19	1	12,10	100	40	SXAKR9015	4003530263590	4003530266287

 **Quantity discount** available | t = sheet thickness | n¹ = no. of holes wood | n² = number of holes concrete



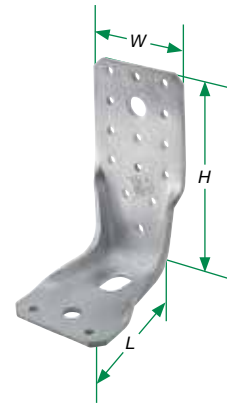
Features/advantages:

- Innovative angle bracket made of thin 1.5 mm sheet metal → environmentally friendly and resource-saving thanks to less material and lower weight (40% lighter than SXAB90 or SXABR90)
- Can be used as an alternative to angles 70 and 90 → more cost-effective storage
- Even more rigidity and resilience thanks to external bars on both sides → high load transfer possible
- Ideal for lifting loads (F1) or tipping loads (F4/F5)
- Connection to concrete or masonry possible through the 13 mm hole

Angle bracket with slotted hole SXAKRL

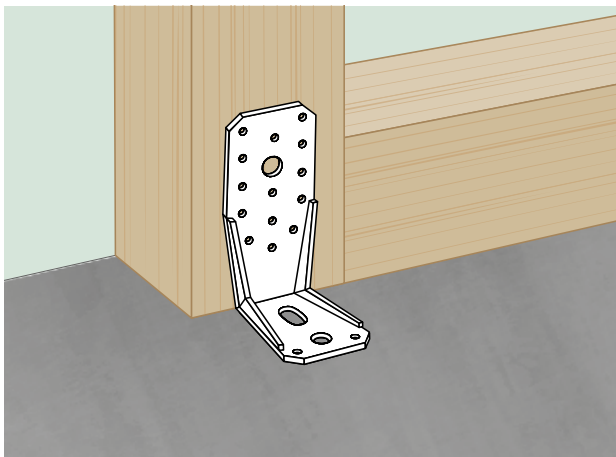
Hot-dip galvanised sheet metal

Number of holes and hole dia. L leg:
2 x 5 mm, 1 x 11 mm, 1 x slotted hole 13.5 x 24.5 mm



	Dimensions [mm]						Packaging units			SPAX number	EAN code	
	H	L	W	t	n ¹ dia. 5	n ² dia. 13.5	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
tZn	95	88	65	4,0	11	–	7,98	25	48	SXAKRL95	4003530263668	4003530266355
	135	90	65	3,0	16	1	7,60	25	48	SXAKRL135X3	4003530263705	4003530266393
	135	88	65	4,0	16	1	9,95	25	48	SXAKRL135	4003530263743	4003530266430
	285	90	65	3,0	30	3	13,04	25	24	SXAKRL285X3	4003530263712	4003530266409
	285	88	65	4,0	30	3	18,05	25	24	SXAKRL285	4003530263675	4003530266362

tZn = zinc-plated (hot-dip galvanised) | Hot-dip galvanised sheet metal | t = sheet thickness | n1 = no. of holes wood | n2 = no. of holes concrete



Features/advantages:

- Reinforced angle
- Available in three different sizes: 95, 135, 285 mm
→ suitable for many connections
- With round hole (= standard) or slotted hole
- 4.0-mm sheet metal (= standard), tZn = zinc-plated (hot-dip galvanised) → load capacity up to service class 3
- Bars on both sides for maximum rigidity and load capacity → high load transfer possible
- Heights of 135 mm and 285 mm also in 3.0 mm (X3) zinc-plated → a more economical alternative for use indoors
- Mainly used for wood to concrete connections (supports or sill-beams on concrete)

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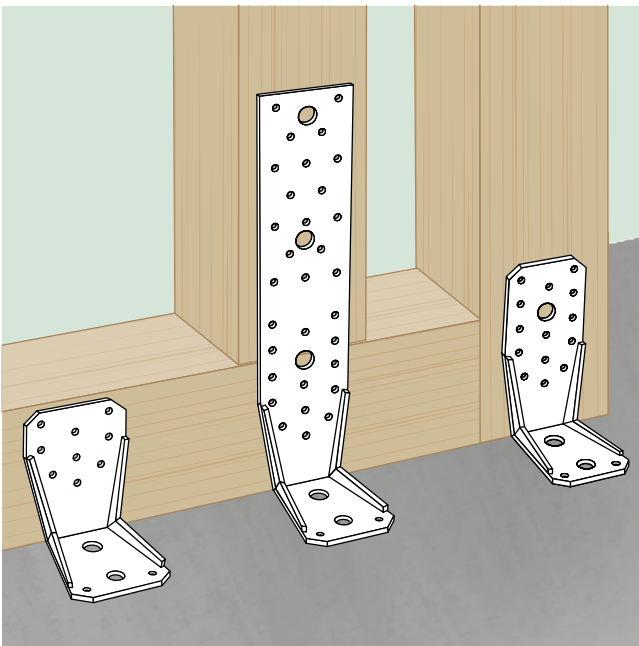
Angle bracket with round hole SXAKR

Hot-dip galvanised sheet metal

Number of holes and hole dia. L leg:
2 x 5 mm, 1 x 11 mm, 1 x round hole 13.5 mm

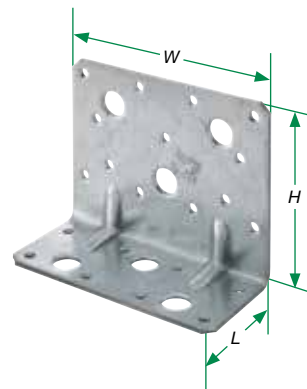
	Dimensions [mm]						Packaging units			SPAX number	EAN code	
	H	L	W	t	n ¹ dia. 5	n ² dia. 13.5	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
■	95	88	65	4,0	11	–	7,98	25	48	SXAKR95	4003530263651	4003530266348
■	135	90	65	3,0	16	1	7,71	25	48	SXAKR135X3	4003530263729	4003530266416
■	135	88	65	4,0	16	1	9,95	25	48	SXAKR135	4003530263682	4003530266379
■	285	90	65	3,0	30	3	13,35	25	24	SXAKR285X3	4003530263736	4003530266423
■	285	88	65	4,0	30	3	18,05	25	24	SXAKR285	4003530263699	4003530266386

■ tZn = zinc-plated (hot-dip galvanised) | ■ Hot-dip galvanised sheet metal | t = sheet thickness | n1 = no. of holes wood | n2 = no. of holes concrete



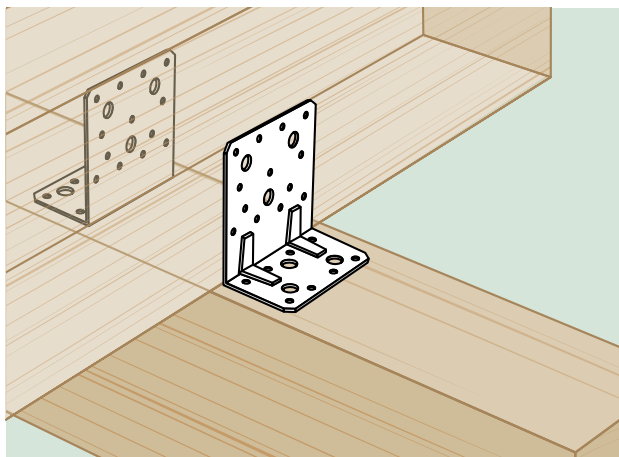
Angle bracket SXAE

Hot-dip galvanised sheet metal



	Dimensions [mm]						Packaging units			SPAX number	EAN code	
	H	L	W	t	n ¹ dia. 5	n ² dia. 13	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	90	50	50	3,0	10	3	14,40	100	60	SXAE50	4003530263569	4003530266256
	90	50	80	3,0	16	5	23,10	100	30	SXAE80	4003530263576	4003530266263
	90	50	110	3,0	21	6	15,85	50	30	SXAE110	4003530263583	4003530266270

t = sheet thickness | n¹ = no. of holes wood | n² = no. of holes concrete



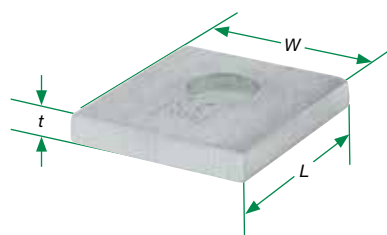
Features/advantages:

- Stronger, unequal angle → also for high wood cross sections
- Available in three different widths: 50, 80, 110 mm → suitable for many connections
- 3.0 mm sheet thickness
- for wood to wood and wood to concrete connections
- Large holes with 13 mm dia. for connection to concrete
- SXAE110: Higher load capacities possible with additional bearing plate
- Good for use as a thrust angle for F_{2/3} forces

Bearing plate SXAEBP for SXAE110

Hot-dip galvanised sheet metal

For SPAX connector nails and SPAX screws



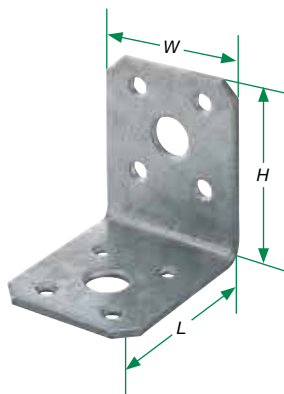
	Dimensions [mm]				Packaging units			SPAX number	EAN code	
	L	W	t	n ² dia.	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	40	43	10	14	5,35	50	100	SXAEBP4014	4003530269462	4003530269479

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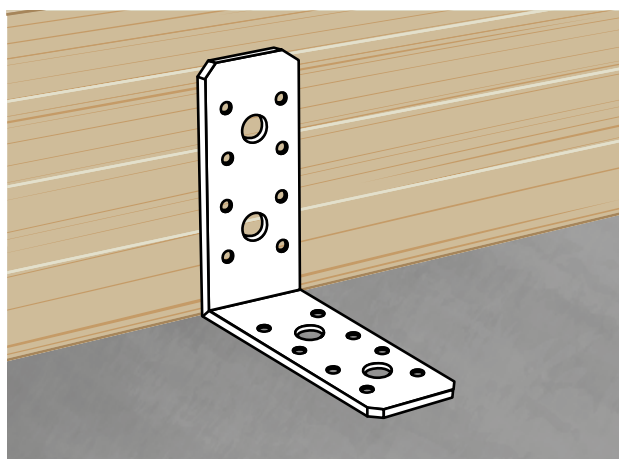


Angle bracket SXAC

Hot-dip galvanised sheet metal

	Dimensions [mm]						Packaging units			SPAX number	EAN code	
	H	L	W	t	n ¹ dia. 5	n ² dia. 11	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	50	50	40	2,5	8	2	10,35	150	72	SXAC50	4003530263385	4003530266072
	60	60	45	2,5	12	2	4,65	50	72	SXAC60	4003530263286	4003530265976

t = Blechdicke | n¹ = Lochanzahl Holz | n² = Lochanzahl Beton

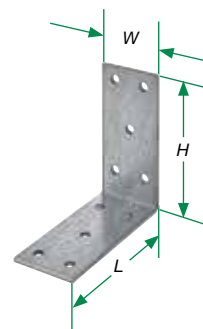


Features/advantages:

- Strong, equal angle
- For applications without particularly high requirements concerning the forces to be connected
- For e.g. truss construction or wood to wood, wood to steel and wood to concrete
- SXAC50 is our smallest standard bracket
- Connection to wood with SPAX connector nail or SPAX wood connector screw
(for nails and screws see page 70/71)

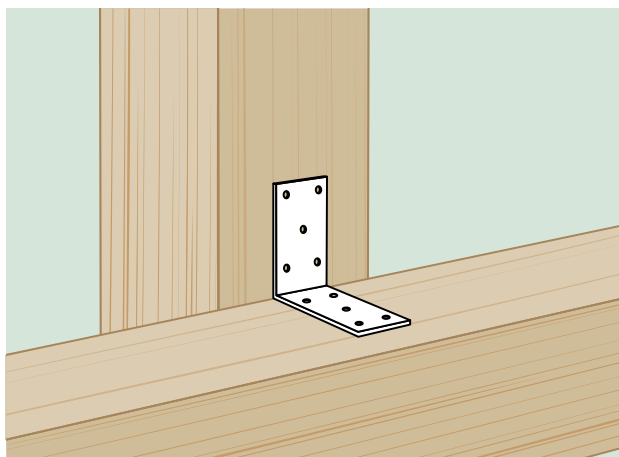
Angle bracket SXABB

Hot-dip galvanised sheet metal



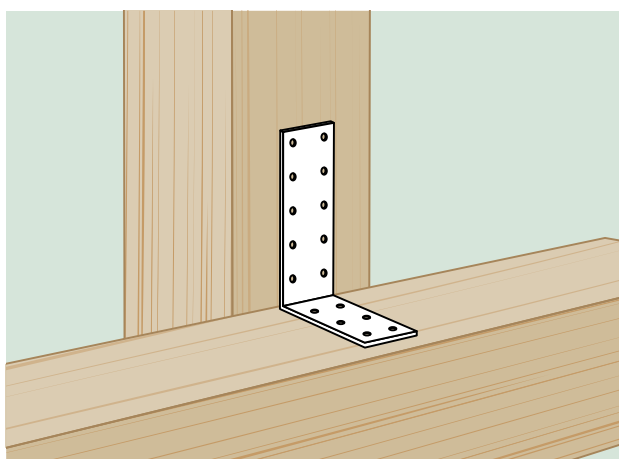
	Dimensions [mm]					Packaging units			SPAX number	EAN code	
	H	L	W	t	n ¹ dia. 5	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	90	90	40	3,0	10	17,90	100	51	SXABB90	4003530263293	4003530265983
	120	95	40	3,0	16	17,70	100	51	SXABB120	4003530263309	4003530265990

t = sheet thickness | n1 = no. of holes wood



Features/advantages:

- Strong, equal angle 40 x 95 mm
- For applications without particularly high requirements concerning the forces to be connected
- For e.g. purlins on glulam beams, wall bars on supports, etc.
- It is recommended to install 2 brackets per connection
- Connection to wood with SPAX connector nail or SPAX wood connector screw (for nails and screws see page 70/71)



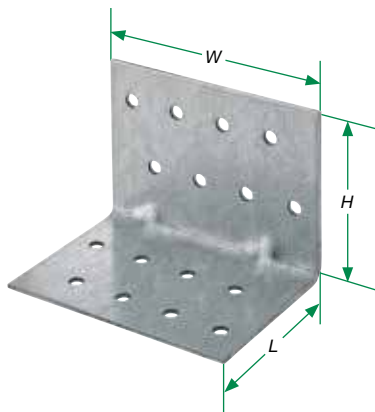
Features/advantages:

- Strong, equal angle 40 x 120 mm
- For applications without particularly high requirements concerning the forces to be connected
- For e.g. purlins on glulam beams, wall bars on supports, etc.
- Connection to wood with SPAX connector nail or SPAX wood connector screw (for nails and screws see page 70/71)

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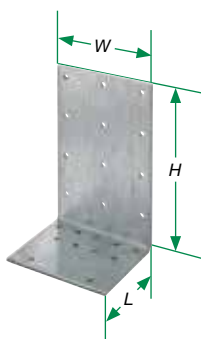


Angle bracket SXAF

Hot-dip galvanised sheet metal

Dimensions [mm]					Packaging units			SPAX number	EAN code	
H	L	W	t	n ¹ dia. 5	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
65	65	90	2,0	16	16,10	100	40	SXAF65	4003530263316	4003530266003

t = sheet thickness | n1 = no. of holes wood

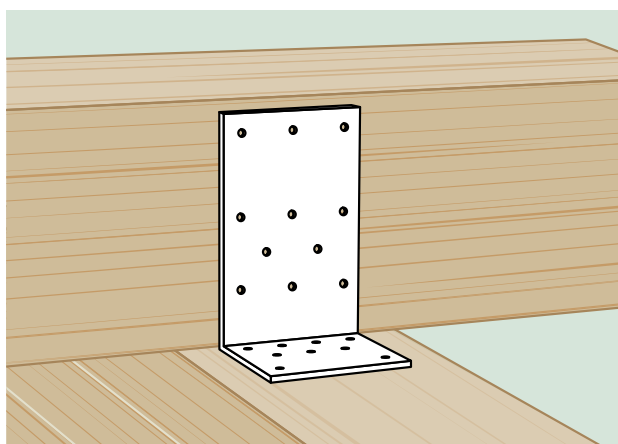


Angle bracket, extra strong SXAJ

Hot-dip galvanised sheet metal

Dimensions [mm]					Packaging units			SPAX number	EAN code	
H	L	W	t	n ¹ dia. 5	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
130	70	80	4,0	20	10,98	25	51	SXAJ13080	4003530263323	4003530266010
160	80	60	4,0	15	19,75	50	30	SXAJ16060	4003530263903	4003530266591
160	80	80	4,0	20	13,18	25	36	SXAJ16080	4003530263408	4003530266096
160	80	100	4,0	23	16,48	25	42	SXAJ160100	4003530263347	4003530266034

t = sheet thickness | n1 = no. of holes wood



Features/advantages:

- Especially for use at intersections between supports and wooden beams on top
- For the absorption of suction forces and securing wooden beams
- Connection to wood with SPAX connector nail or SPAX wood connector screw (for nails and screws see page 70/71)



0769-CPR-6241/02 | ETA-20/0140

**MADE IN
GERMANY**

Mounting bracket SXAD

Hot-dip galvanised sheet metal



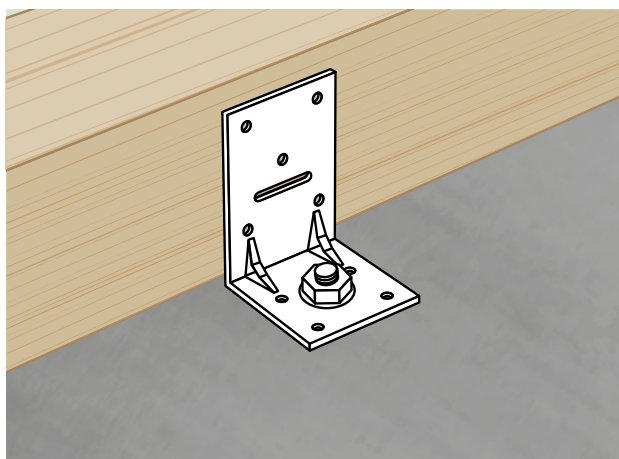
TYP RL

TYP LL

TYP LLG

	Dimensions [mm]							Packaging units			SPAX number	EAN code	
	H	L	W	t	n ¹ dia. 5	(1x) n ² LL	(1x) LL	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
RL	90	60	60	2,5	9	Ø 10	5x30	15,40	100	48	SXADRL9610	4003530263514	4003530266201
RL	90	60	60	2,5	9	Ø 12	5x30	15,40	100	48	SXADRL9612	4003530263354	4003530266041
LL	90	60	60	2,5	9	10x28	5x28	15,40	100	48	SXADLL9610	4003530263361	4003530266058
LL	90	60	60	2,5	9	13x28	5x28	15,40	100	48	SXADLL9613	4003530263378	4003530266065
LLG	90	60	60	1,5	11	10,5x28	10x30	9,24	100	48	SXADLLG9615	4003530263484	4003530266171
LLG	90	60	60	2,5	11	10,5x28	10x30	15,40	100	48	SXADLLG9625	4003530263392	4003530266089

t = sheet thickness | n¹ = no. of holes wood | n² = no. of holes concrete | dia. = round hole | LL = slotted hole



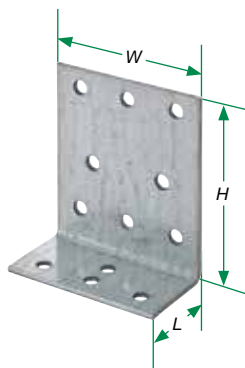
Features/advantages:

- for securing supports to concrete slabs, steel beams and wooden sill-beams
- for securing rafters to beam hangers
- Slotted hole offers greater flexibility, for instance if plugs cannot be precisely installed → slotted hole still ensures optimal positioning
- Connection to wood with SPAX connector nail or SPAX wood connector screw (for nails and screws see page 70/71)

**MADE IN
GERMANY**

ETA-20/0141 | 0769-CPR-6238/02



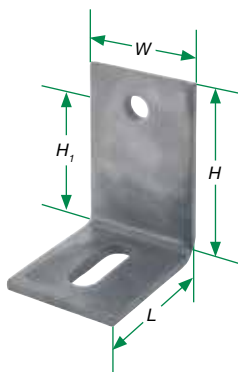


Door angle SXABB

Hot-dip galvanised sheet metal

Dimensions [mm]							Packaging units			SPAX number	EAN code	
H	L	W	t	n ¹ dia. 5	n ² dia. 5		Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
70	30	60	2,0	8	4		9,00	100	70	SXABB7030	4003530263279	4003530265969

t = sheet thickness | n1 = no. of holes wood | n2 = no. of holes concrete

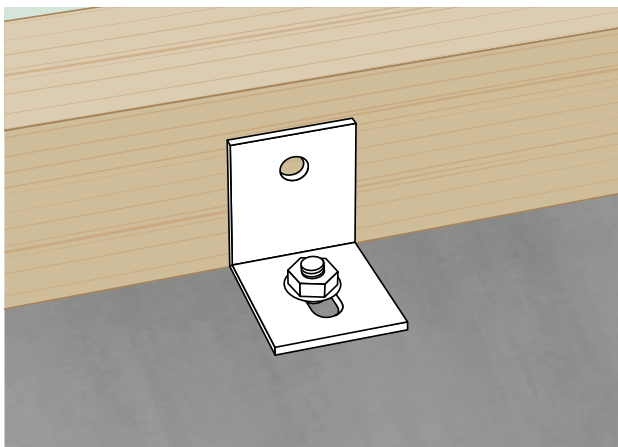


Concrete angle SXABL

Hot-dip galvanised (zinc-plated) tZn

Dimensions [mm]							Packaging units			SPAX number	EAN code	
H	L	W	t	(1x) dia.	(1x) LL ₂	H ₁	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
75	75	60	6,0	14	14x45	55	14,84	40	50	SXABL75	4003530263415	4003530266102
100	75	60	6,0	14	14x45	75	8,64	20	72	SXABL100	4003530263422	4003530266119
150	75	60	8,0	14	14x45	114	14,82	20	50	SXABL150	4003530263439	4003530266126
150	75	60	8,0	18	18x45	114	14,82	20	50	SXABL15018	4003530263446	4003530266133

tZn = zinc-plated (hot-dip galvanised) | t = sheet thickness | dia. = round hole | LL = slotted hole



Features/advantages:

- SPAX concrete angle SXABL for fastening wooden parts to concrete
- SPAX concrete angle is hot-dip galvanised (zinc-plated)
- Slotted hole offers greater flexibility, for instance if plugs cannot be precisely installed → slotted hole still ensures optimal positioning

**MADE IN
GERMANY**

The image displays several different types of metal hold-down connectors, likely made of galvanized steel, arranged on a green surface. These connectors are used in timber construction to secure roof trusses or floor joists. The components include: a long, narrow plate with a series of small circular holes; a rectangular plate with a central elongated slot; a small rectangular plate with a single hole; a long plate with a series of rectangular slots; a long plate with a series of circular holes; and a small square plate with a single hole. The text "HOLD DOWNS" is overlaid in white capital letters on a semi-transparent dark green background.

HOLD DOWNS

Page 38

Vario hold down SXHDL



Page 38

Vario bearing plate SXBP



Page 39

Hold down SXHT



Page 39

Bearing plate SXBP



Page 40

Hold down SXHD incl. bearing plate



Page 41

Hold down SXAH



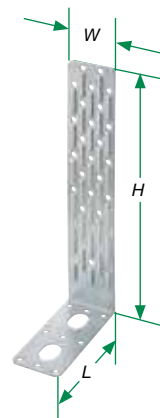
Page 41

Bearing plate SXBP



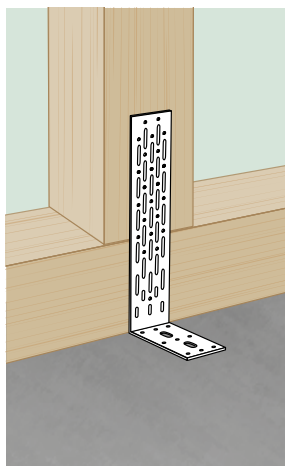
Vario hold down SXHDL

Hot-dip galvanised sheet metal



	Dimensions [mm]						Packaging units			SPAX number	EAN code	
	H	L	W	t	n ¹ dia. 5	n ² LL	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	240	120	55	2,0	18+9	2 (18x26)	13,60	50	32	SXHDL240	4003530263750	4003530266447
	280	120	55	2,0	23+9	2 (18x26)	15,10	50	24	SXHDL280	4003530263798	4003530266485

t = sheet thickness | n¹ = no. of holes wood | n² = no. of holes concrete | dia. = round hole | LL = slotted hole

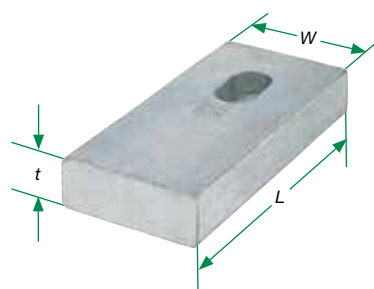


Features/advantages:

- Available in two sizes: H = 240 mm and H = 280 mm
- With slotted hole L 18 x 26
- Reduced nail arrangement for maintaining minimum spacing → makes work easier thanks to fast, practical execution
- Approved for installation via intermediate layers such as chipboard or OSB boards with SPAX wood connector screw (for nails and screws see page 68/69)
- Assembly with plugs with dia. 12 or 16, depending on static requirements and selected bearing plate
- Plug dia. 12 = bearing plate L14 x 26
- Plug dia. 16 = bearing plate L18 x 26

Vario bearing plate SXBP

Zinc-plated



	Dimensions [mm]				Packaging units			SPAX number	EAN code	
	L	W	t	LL	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	114	55	20	14x26	8,61	10	-	SXBP114	4003530263910	4003530266607
	114	55	20	18x26	8,61	10	-	SXBP11418	4003530263927	4003530266614

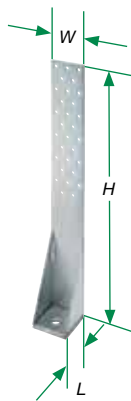
t = sheet thickness | LL = slotted hole

MADE IN

GERMANY

ETA-20/0143 | 0769-CPR-6243/02



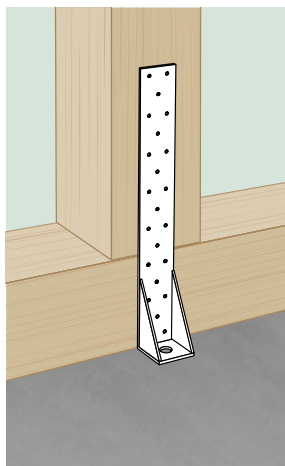


Hold down SXHT

Zinc-plated

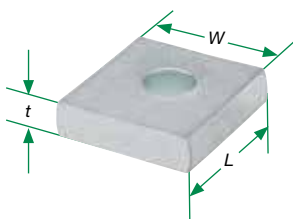
Dimensions [mm]						Packaging units			SPAX number	EAN code	
H	L	W	t	n ¹ dia. 5	n ² dia. 17	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
340	63	60	3,0	20	1	8,73	10	24	SXHT340	4003530263842	4003530266539
440	63	60	3,0	30	1	11,00	10	24	SXHT440	4003530263835	4003530266522
540	63	60	3,0	42	1	10,80	10	15	SXHT540	4003530263828	4003530266515

t = sheet thickness | n¹ = no. of holes wood | n² = no. of holes concrete | dia. = round hole | LL = slotted hole



Features/advantages:

- Available in three sizes: 340, 440 and 540 mm height
- With R17 round hole → for load transfer through plug, concrete screws, etc.
- For the absorption of high tensile loads in timber frame construction
- Approved for installation via intermediate layers such as chipboard or OSB boards with SPAX wood connector screw (for nails and screws see page 68/69)
- Reduced overall height → low installation height with higher load-bearing capacity
- Low bar height (150 mm) → no obstruction during subsequent floor construction
- Optimised hole arrangement for support connections
- No reduction of plug load-bearing capacity
- Optional bearing plate for tensile loads of more than R_k=42.0 kN



Bearing plate SXBP

Zinc-plated

Please note: bearing plate only required from 42 kN

Dimensions [mm]				Packaging units			SPAX number	EAN code	
L	W	t	n ² dia.	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
56	50	10	18	2,30	10	96	SXBP5018	4003530263811	4003530266508

t = sheet thickness

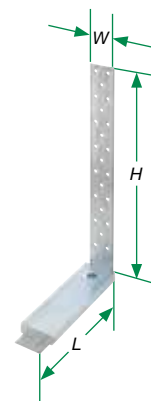


0769-CPR-6243/02 | ETA-20/0143

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GERMANY**

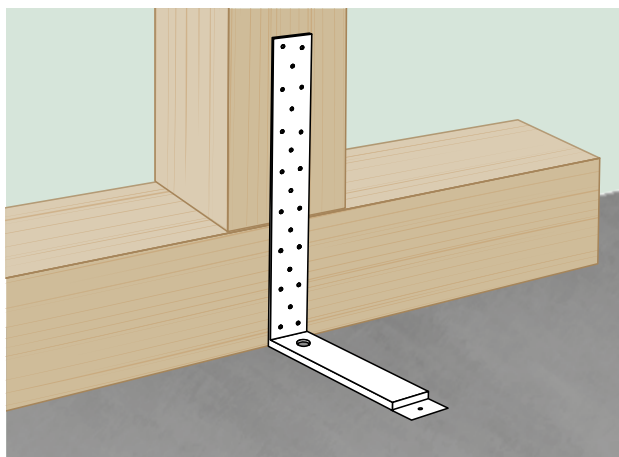
Hold down SXHD incl. bearing plate*

Hot-dip galvanised sheet metal



	Dimensions [mm]								Packaging units			SPAX number	EAN code	
	H	L	W	t	n dia. 5	n ¹	Plug dia.	Bearing plate*	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	142	93	60	2,0	17	Ø14	M12	90x50x12	13,15	20	50	SXHD142	4003530263781	4003530266478
	280	122	40	2,0	11	Ø14	M12	90x50x12	6,89	10	40	SXHD280	4003530263774	4003530266461
	340	182	40	2,0	23	Ø13	M12	160x50x15	12,70	10	40	SXHD340	4003530263767	4003530266454
	400	123	40	3,0	23	Ø17	M16	110x60x15	12,70	10	40	SXHD400	4003530263804	4003530266492

t = sheet thickness | n = no. of holes wood | n¹ = hole diameter bearing plate 1x | * bearing plate usually zinc-plated.



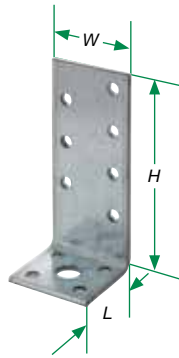
Features/advantages:

- Available in four different sizes: 142, 280, 340 mm (2.0 mm sheet thickness) R13 or R14 → plug diameter 12
- 400 mm with 3.0 mm sheet thickness, R17 → plug diameter 16
- Base point anchoring in timber frame construction
- Quick and easy
- Large base plates → statically verifiable transfer of loads into concrete
- For fastening to wood with SPAX connector nail or SPAX wood connector screw (for nails and screws see page 70/71)

**MADE IN
GERMANY**

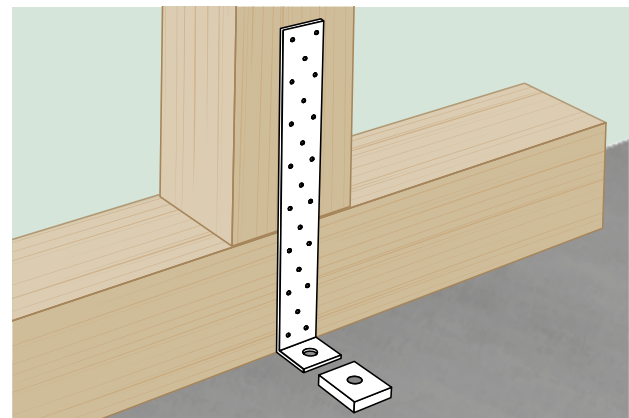
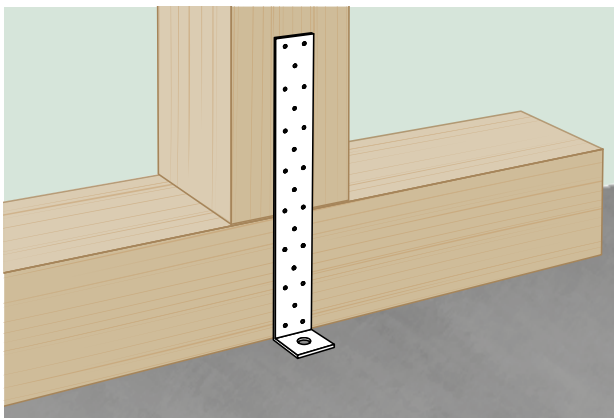
ETA-20/0143 | 0769-CPR-6243/02



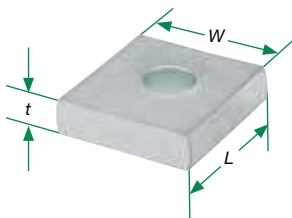


Dimensions [mm]							Packaging units			SPAX number	EAN code	
H	L	W	t	n ¹ dia. 5	n ² dia. 11		Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
90	35	40	3,0	11	1		10,30	100	54	SXAH90*	4003530263453	4003530266140
110	35	40	3,0	13	1		11,90	100	54	SXAH110*	4003530263460	4003530266157
130	35	40	3,0	15	1		13,60	100	51	SXAH130*	4003530263477	4003530266164
155	50	40	3,0	14	3xØ13		16,90	100	42	SXAH155**	4003530263620	4003530266317
200	40	40	2,0	19	1xØ14		13,20	100	42	SXAH200**	4003530263637	4003530266324
300	40	40	2,0	27	1xØ14		9,35	50	48	SXAH300**	4003530263644	4003530266331
400	40	40	2,0	34	1xØ14		12,10	50	36	SXAH400**	4003530263613	4003530266300

t = sheet thickness | n¹ = no. of holes wood | n² = no. of holes concrete | * CE 0769-CPR-6241/01 // ETA-20/0140 | ** CE 0769-CPR-6243/01 // ETA-20/0143



Hold downs SXAH are predominantly used for the absorption of suction forces.



Bearing plate SXBP

Zinc-plated

Dimensions [mm]				Packaging units			SPAX number	EAN code	
L	W	t	n ² dia.	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
40	43	10	14	2,30	10	96	SXBP4014	4003530263811	4003530266508

t = sheet thickness | n² = no. of holes concrete



0769-CPR-6243/02 | ETA-20/0143

**MADE IN
GERMANY**



OTHER CONNECTORS

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Profile anchor SXPA



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T-beam anchor SXHE



Page 46

Flat connector SXFL



Page 46

T-beam anchor SXHE



Page 47

Press-in plug, single-sided SXDC



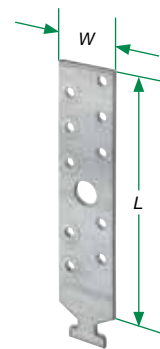
Page 47

Press-in plug, double-sided SXDC



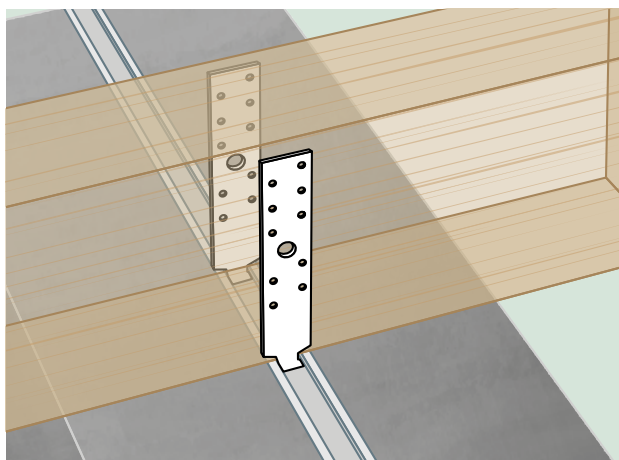
Profile anchor SXPA

Hot-dip galvanised sheet metal



	Dimensions [mm]						Packaging units			SPAX number	EAN code	
	L	W	t	n ¹ dia. 5	n ² dia. 13	HC	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	100	34	3,0	6	1	1	8,00	100	81	SXPA10028	4003530262777	4003530265464
	140	34	3,0	10	1	1	11,50	100	60	SXPA14028	4003530262784	4003530265471
	140	34	3,0	10	1	2	11,50	100	60	SXPA14038	4003530262746	4003530265433
	160	34	3,0	10	2	1	13,50	100	60	SXPA16028	4003530262760	4003530265457
	160	34	3,0	10	2	2	13,50	100	60	SXPA16038	4003530262739	4003530265426
	180	34	3,0	12	2	1	15,50	100	60	SXPA18028	4003530262753	4003530265440
	180	34	3,0	12	2	2	15,50	100	60	SXPA18038	4003530262722	4003530265419

t = sheet thickness | n1 = no. of holes wood | n2 = no. of holes concrete | HC = Halfen channel, 1 = for 28/15, 2 = for 38/17 and 40/22



Example of use SXPA in Halfen channel

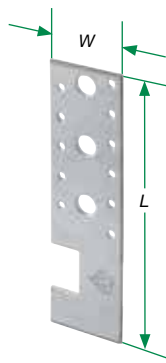
Features/advantages:

- for the attachment and absorption of lifting loads and for securing wooden beams, rafters, purlins, etc. to anchor rails
- Always installed in pairs (both sides or diagonal) → forces are absorbed evenly and a secure connection is ensured
- Quick and easy, can be used flexibly
- For sizes for Halfen channel profile 28/15: 100, 140, 160, 180 mm
- Three sizes for Halfen channel profile 38/17 and 40/22: 140, 160, 180 mm
- Connection to wood with SPAX connector nail or SPAX wood connector screw (for nails and screws see page 70/71)

**MADE IN
GERMANY**

EN14545 | 0769-CPR-6246/02



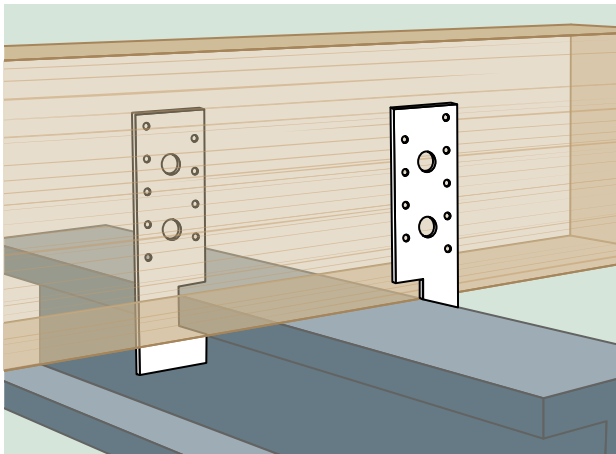


T-beam anchor SXHE

Hot-dip galvanised sheet metal

	Dimensions [mm]					Packaging units			SPAX number	EAN code	
	L	W	t	n ¹ dia. 5	n ² dia. 13	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	160	50	3,0	9	2	17,80	100	60	SXHE160	4003530263132	4003530265822
	180	50	3,0	11	3	20,20	100	40	SXHE180	4003530263125	4003530265815
	200	50	3,0	13	3	22,60	100	40	SXHE200	4003530263118	4003530265808

t = sheet thickness | n1 = no. of holes wood | n2 = no. of holes concrete | recess for steel beam: 20 mm wide and 30 mm high



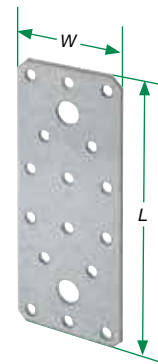
Example of use SXHE on steel beam

Features/advantages:

- For the simple connection of wood to steel beams
- Always installed in pairs → forces are absorbed evenly and a secure connection is ensured
- Quick and easy, can be used flexibly
- Three sizes 160, 180 and 200 mm
- Connection to wood with SPAX connector nail or SPAX wood connector screws
(for screws and nails see page 70/71)

Flat connector SXFL

Hot-dip galvanised sheet metal



	Dimensions [mm]					Packaging units			SPAX number	EAN code	
	L	W	t	n ¹ dia. 5	n ² dia. 11	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	95	40	2,5	8	2	9,75	150	81	SXFL95	4003530261923	4003530264610
	135	55	2,0	16	2	10,20	100	42	SXFL135	4003530261909	4003530264597
	175	40	3,0	16	4	14,40	100	40	SXFL175	4003530261916	4003530264603

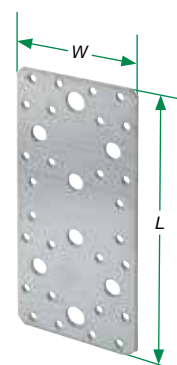
t = sheet thickness | n¹ = no. of holes wood | n² = no. of holes concrete

Features/advantages:

- Flat connectors are simple connectors for fastening narrow wooden components
- They are an alternative to nail-on strips and the large holes mean they can also be fastened to concrete using anchor bolts, adhesive plugs, etc.
- Connection to wood with SPAX connector nail or SPAX wood connector screw
for nails and screws see page 70/71)

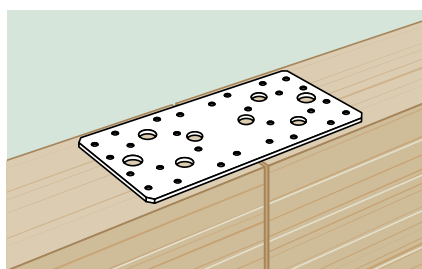
Heavy-duty flat connector SXFLH

Hot-dip galvanised sheet metal



	Dimensions [mm]					Packaging units			SPAX number	EAN code	
	L	W	t	n ¹ dia. 5	n ² dia. 13	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	170	65	2,5	20	-	9,50	50	70	SXFLH170	4003530261893	4003530264580
	190	90	3,0	28	2	17,60	50	48	SXFLH190	4003530261886	4003530264573

t = sheet thickness | n¹ = no. of holes wood | n² = no. of holes concrete



Features/advantages:

- Heavy-duty flat connectors for large-area fastening and high load transfer
- Thanks to the large holes, the heavy-duty flat connectors can also be fastened to concrete using anchor bolts, adhesive plugs, etc.
- Connection to wood with SPAX connector nail or SPAX wood connector screw (for nails and screws see page 70/71)

**MADE IN
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EN14545 | 0769-CPR-6246/02





Dimensions [mm]		Packaging units			SPAX number	EAN code	
External dia.	Screw dia.	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
50	M12	4,95	300	144	SXDC250	4003530263859	4003530266546
62	M12	6,22	200	96	SXDC262	4003530263866	4003530266553
75	M16	4,92	100	144	SXDC275	4003530263873	4003530266560
95	M16	3,81	50	168	SXDC295	4003530263880	4003530266577
117	M20	5,29	40	105	SXDC2117	4003530263897	4003530266584

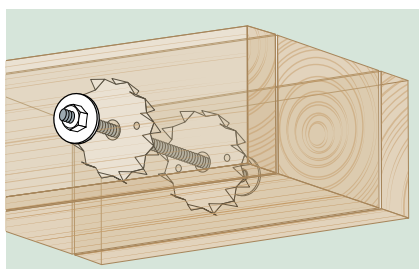


Press-in plug, double-sided SXDC

Hot-dip galvanised sheet metal

Dimensions [mm]		Packaging units			SPAX number	EAN code	
External dia.	Screw dia.	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
50	M12	2,82	200	192	SXDC15°0	4003530263941	4003530266638
62	M12	5,80	200	96	SXDC162	4003530263958	4003530266645
75	M16	4,02	100	144	SXDC175	4003530263965	4003530266652
95	M16	3,49	40	168	SXDC195	4003530263972	4003530266669
117	M20	3,67	25	84	SXDC1117	4003530263989	4003530266676

 Quantity discount available



Features/advantages:

- For shear force transfer in joints
- Connection securing usually with screw bolts with metric thread.
Also possible with SPAX wood connector screws (for screws see page 63)
- For wood to wood connections → use double-sided plugs
- For wood to steel connections → use single-sided plugs



0769-CPR-6245/02 | EN 912

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GERMANY**



PURLIN ANCHORS/ TRUSS CLIPS

Page 50

Purlin anchor uni RLD SXPUS



Page 51

Purlin anchor uni RL SXPU



Page 51

R+L purlin anchor set SXPRL



Page 52

Truss clip, concrete SXTCC



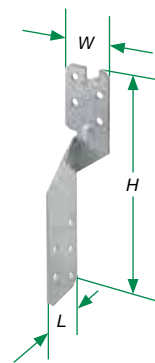
Page 53

Truss clip, wood SXTC



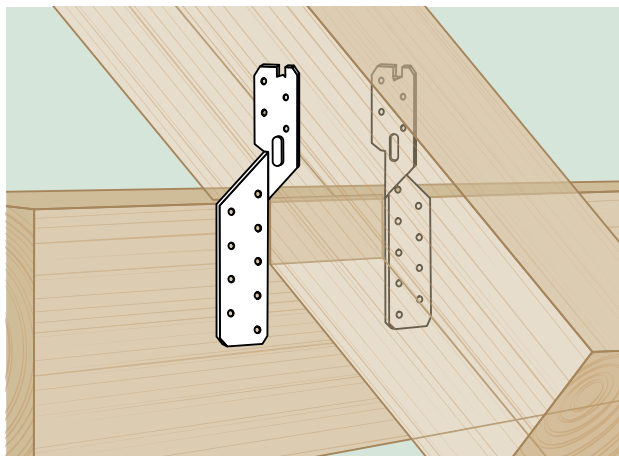
Purlin anchor uni RLD with locator prong SXPUS

Hot-dip galvanised sheet metal



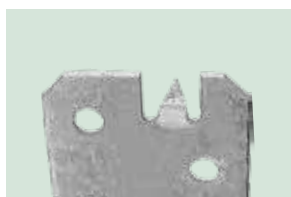
	Dimensions [mm]					Packaging units			SPAX number	EAN code	
	H	L	W	t	nH ¹ dia. 5	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	170	36	36	2,0	9	8,00	100	42	SXPUS170	4003530262999	4003530265686
	210	36	36	2,0	13	10,40	100	42	SXPUS210	4003530262982	4003530265679
	250	36	36	2,0	17	12,40	100	42	SXPUS250	4003530262975	4003530265662

 **Quantity discount** available! t = sheet thickness



Features/advantages:

- SPAX RLD purlin anchors uni can be used on the left or right → no double stock keeping, no risk of confusion
- Can be used on all rafter inclinations
- Partial or full nailing possible with SPAX connector nail or SPAX wood connector screw (see page 68/69) → flexibility depending on load
- Locator prong: the third hand during installation, independent grip, both hands free to nail the universal purlin anchor → easier work



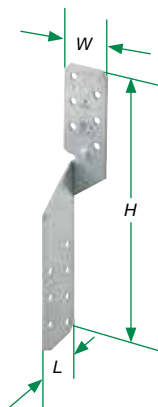
Locator prong

MADE IN

GERMANY

ETA-20/0142 | 0769-CPR-6242/02





Purlin anchor uni RL SXPU

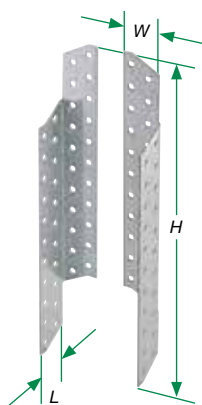
Hot-dip galvanised sheet metal

	Dimensions [mm]					Packaging units			SPAX number	EAN code	
	H	L	W	t	n ¹ dia. 5	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	170	36	36	2,0	9	8,00	100	42	SXPU170	4003530263040	4003530265730
	210	36	36	2,0	13	10,40	100	42	SXPU210	4003530262968	4003530265655
	250	36	36	2,0	17	12,40	100	42	SXPU250	4003530263033	4003530265723

t = sheet thickness | n1 = no. of holes wood

Features/advantages:

- Like SXPUS, does not include locator prong

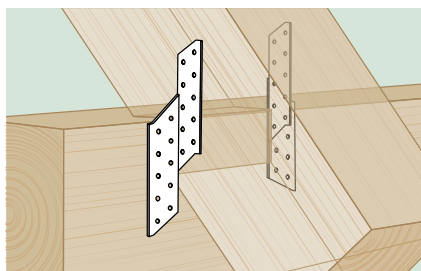


R+L purlin anchor set SXPRL

Hot-dip galvanised sheet metal

	Dimensions [mm]					Packaging units			SPAX number	EAN code	
	H	L	W	t	n ¹ (2x) dia. 5	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	290	34,5	34,5	2,0	44	20,20	100*	39	SXPRL290	4003530263026	4003530265716
	330	34,5	34,5	2,0	52	23,50	100*	30	SXPRL330	4003530263019	4003530265709
	370	34,5	34,5	2,0	60	27,40	100*	30	SXPRL370	4003530263002	4003530265693

t = sheet thickness | n1 = no. of holes wood | *PU = 50 left + 50 right

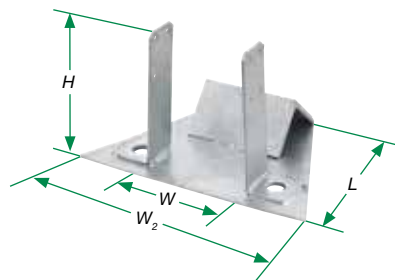


Features/advantages:

- The classic purlin anchor: right and left version to be used in pairs
- Available from a length of 290 mm for use on larger wood cross sections
- Partial and full nailing possible
- Connection to wood with SPAX connector nail or SPAX wood connector screw (for nails and screws see page 70/71)

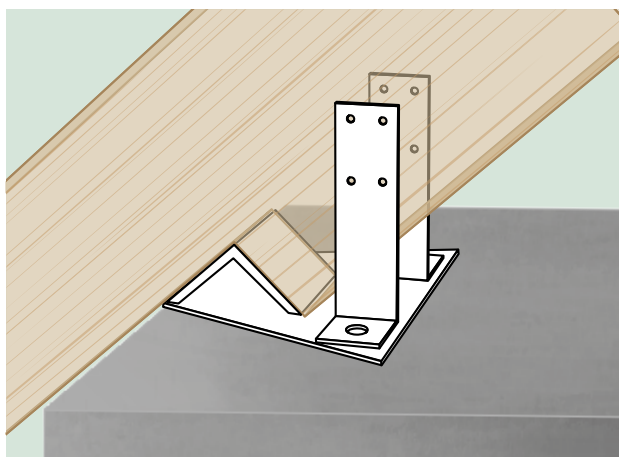
Truss clip, concrete SXTCC

Hot-dip galvanised sheet metal



	Dimensions [mm]						Packaging units			SPAX number	EAN code	
	W	W ₂	L	t	n ¹ dia. 5	n ² dia. 17	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	60	200	170	2,5	8	2	15,30	15	24	SXTCC60	4003530263064	4003530265754
	80	220	170	2,5	8	2	18,00	15	24	SXTCC80	4003530263095	4003530265785
	100	240	170	2,5	8	2	20,25	15	24	SXTCC100	4003530263088	4003530265778

tZn = zinc-plated (hot-dip galvanised) | t = sheet thickness | n1 = no. of holes wood | n2 = no. of holes concrete | H = 140 mm for all dimensions | angle iron 60 x 60 x 6.0 mm



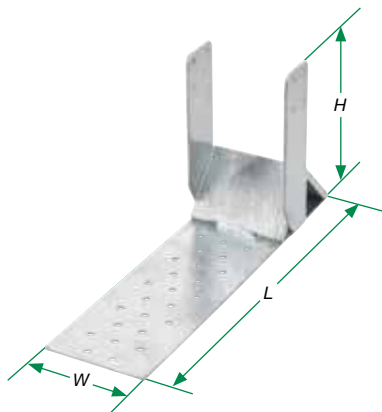
Features/advantages:

- Can be used as an abutment for rafters on concrete ceilings → easy installation
- The groove in the rafter is adjusted to the connector and roof inclination
- For rafter widths 60, 80 and 100 mm → designed for standard wood cross sections
- Suitable for 30°-60° roof inclinations
- Connection to rafters with SPAX connector nail or SPAX wood connector screw (see page 68/69)
- Large holes enable fastening to concrete with M 16 anchor bolts, adhesive plugs, concrete screws, etc.

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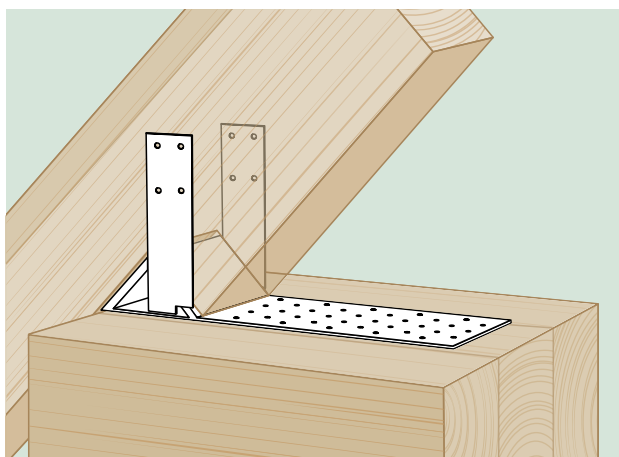


Truss clip, wood SXTC

Hot-dip galvanised sheet metal

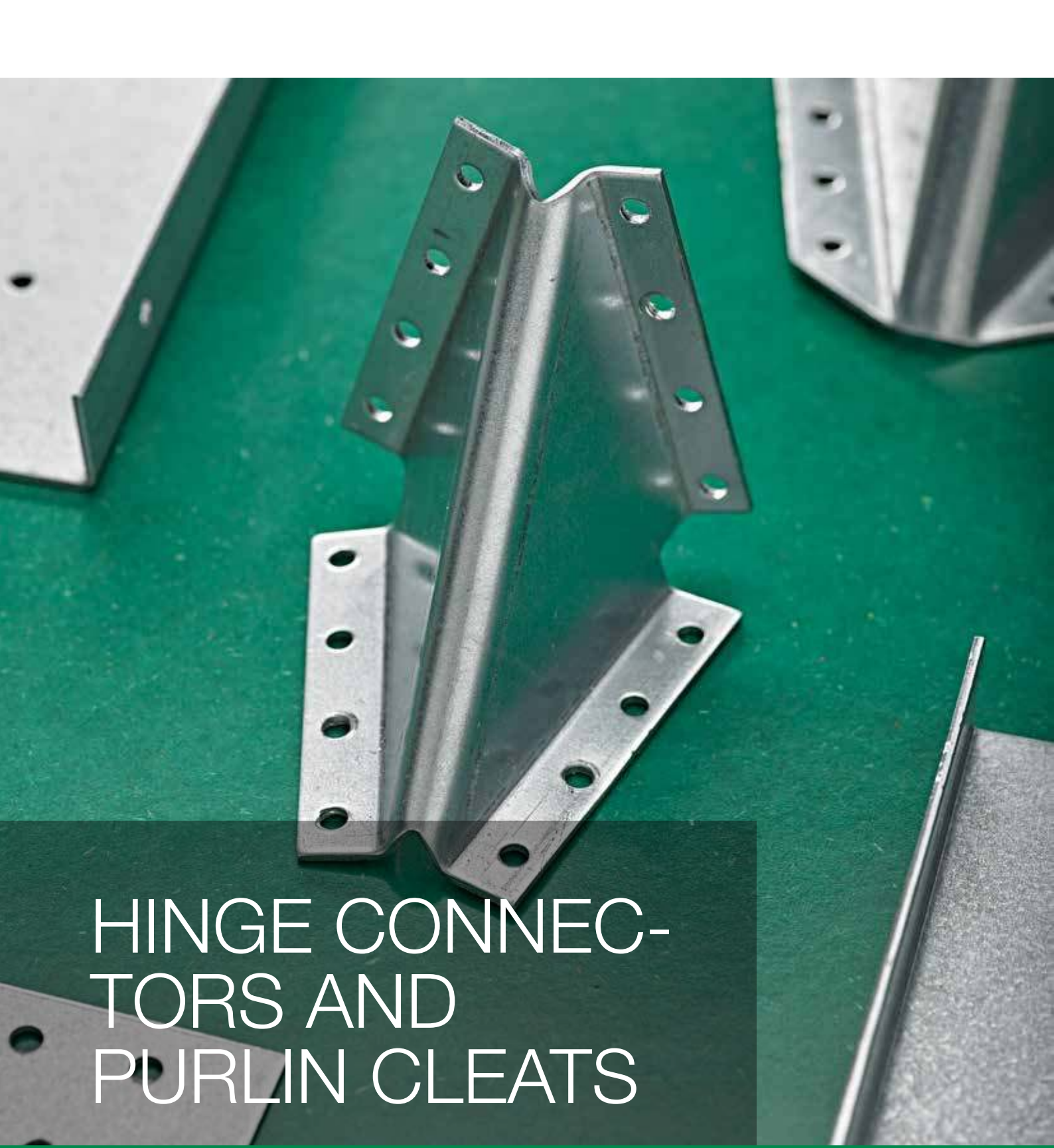
	Dimensions [mm]					Packaging units			SPAX number	EAN code	
	W	L	H	t	n ¹ dia. 5	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	60	300	140	2,5	33	23,00	20	24	SXTCT60	4003530263057	4003530265747
	80	300	140	2,5	33	13,10	10	24	SXTCT80	4003530263071	4003530265761
	100	300	140	2,5	33	14,70	10	24	SXTCT100	4003530263101	4003530265792

tZn = zinc-plated (hot-dip galvanised) | t = sheet thickness | n1 = no. of holes wood



Features/advantages:

- Can be used as an abutment for rafters on wooden ceiling beams → easy installation
- The groove in the rafter is adjusted to the connector and roof inclination
- For rafter widths 60, 80 and 100 mm → designed for standard wood cross sections
- Suitable for 30°-60° roof inclinations
- Connection to wood with SPAX connector nail or SPAX wood connector screw (see page 70/71)

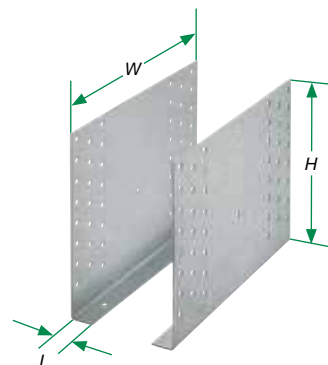


HINGE CONNEC- TORS AND PURLIN CLEATS

Hinge connector, 2-part SXGER**Purlin cleat SXKN**

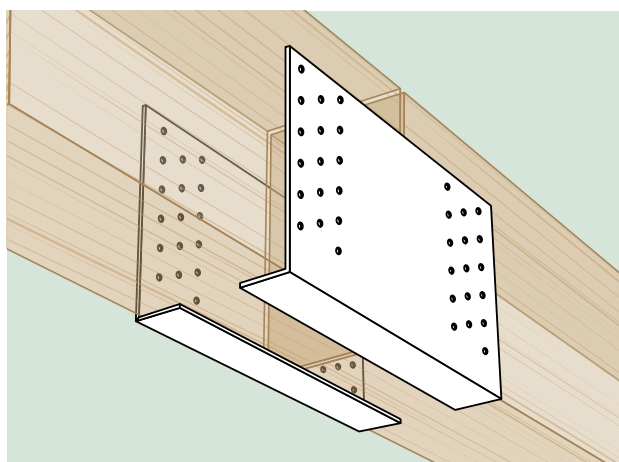
Hinge connector, 2-part SXGER

Hot-dip galvanised sheet metal



Dimensions [mm]					Packaging units				SPAX number	EAN code	
H	W	L	t	n ¹ (2x) dia. 5	Weight per PU kg	Content per PU pair	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
180	220	20	2,0	46	21,32	15	30	24	SXGER180	4003530261930	4003530264627
200	220	20	2,0	52	23,34	15	30	24	SXGER200	4003530261947	4003530264634
220	220	20	2,0	58	25,37	15	30	24	SXGER220	4003530261954	4003530264641
240	220	20	2,0	64	18,27	10	20	24	SXGER240	4003530261961	4003530264658
260	220	20	2,0	70	19,62	10	20	24	SXGER260	4003530261978	4003530264665

t = sheet thickness | n1 = no. of holes wood



Features/advantages:

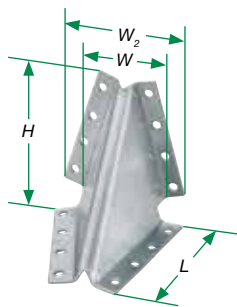
- For the simple and economical production of purlin joints
- Wood obtains a straight cut → makes work easier since no complex cuts are necessary
- The hole arrangement ensures compliance with the minimum spacing requirements to the end grain and parallel to the fibre → makes work easier since edge clearances are observed
- Minimum spacing to fibre (stressed edge) is reliably observed
- Partial or full nailing with SPAX connector nail or SPAX wood connector screw possible (for nails see page 70) → flexibility depending on load

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ETA requested



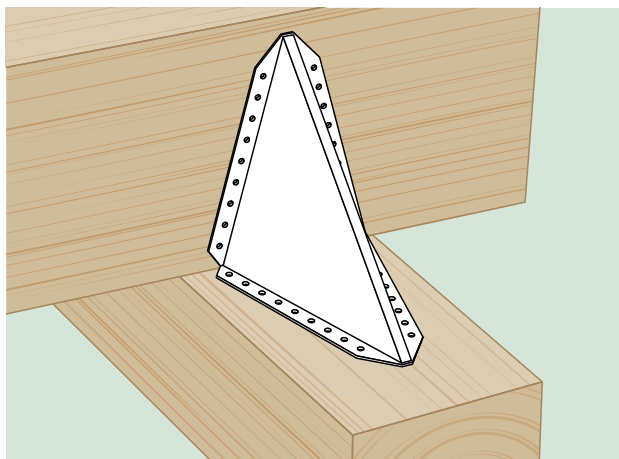


Purlin cleat SXKN

Hot-dip galvanised sheet metal

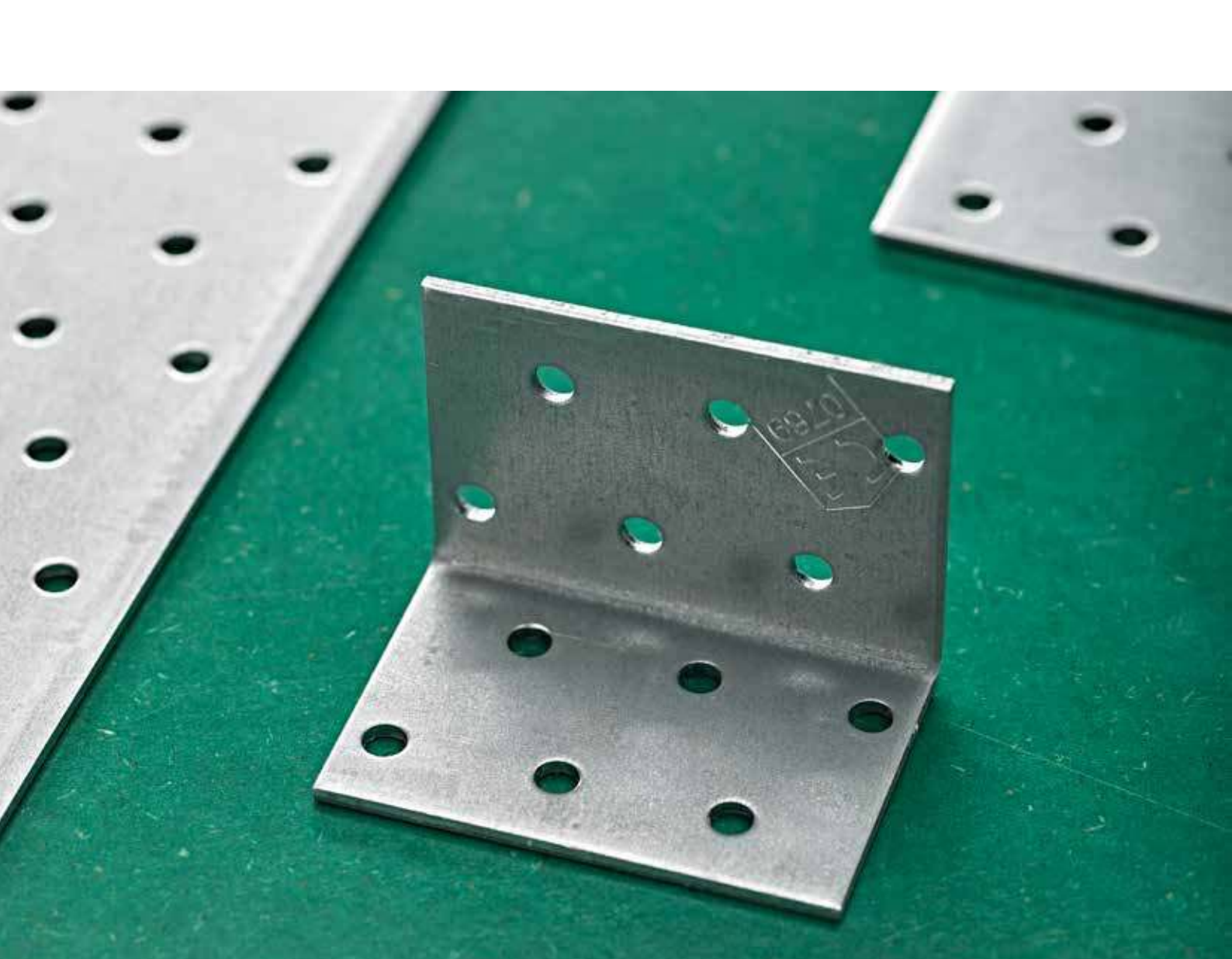
	Dimensions [mm]						Packaging units			SPAX number	EAN code	
	H	L	W	W ₂	t	n ¹ dia. 5	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	90	90	45	78	2,0	16	7,20	40	51	SXKN90	4003530261985	4003530264672
	130	130	75	108	2,0	20	16,40	40	30	SXKN130	4003530261992	4003530264689
	170	170	85	122	2,0	32	11,00	20	40	SXKN170	4003530262029	4003530264719
	210	210	95	138	2,0	40	20,00	20	30	SXKN210	4003530262012	4003530264702
	250	250	150	178	2,0	40	30,00	20	16	SXKN250	4003530262005	4003530264696

t = sheet thickness | n¹ = no. of holes wood



Features/advantages:

- Load-bearing connector
- For securing rafter purlins at risk of tipping to beam hangers to prevent lifting and tipping
- Also suitable for protecting against wind suction in combination with purlin anchors
- Connection to wood with SPAX connector nail or SPAX wood connector screw (see page 70/71)



NAIL-ON PLATES AND NAIL-ON PLATE ANGLE BRACKETS

Page 60

Nail-on angle bracket, equal SXANP



Page 61

Nail-on angle bracket, unequal SXANP



Page 62

Nail-on strip SXNPS



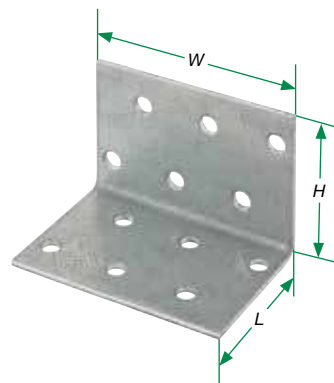
Page 63

Nail-on plate SXNP



Nail-on angle bracket, equal SXANP

Hot-dip galvanised sheet metal



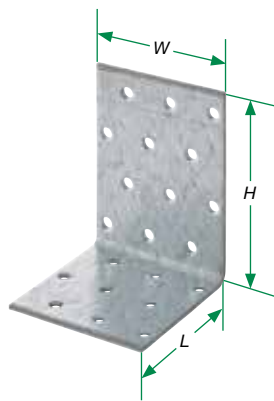
	Dimensions [mm]					Packaging units			SPAX number	EAN code	
	H	L	W	t	n° dia. 5	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	40	40	20	2,0	4	4,40	200	70	SXANP20442	4003530262494	4003530265181
	40	40	40	2,0	8	8,80	200	70	SXANP20444	4003530262500	4003530265198
	40	40	60	2,0	12	9,90	150	70	SXANP20446	4003530262531	4003530265228
	50	50	40	2,0	12	11,00	200	70	SXANP20554	4003530262623	4003530265310
	60	60	40	2,0	12	9,90	150	70	SXANP20664	4003530262647	4003530265334
	60	60	50	2,0	15	8,20	100	70	SXANP20665	4003530262524	4003530265211
	60	60	60	2,0	18	10,00	100	70	SXANP20666	4003530262548	4003530265235
	60	60	80	2,0	24	13,26	100	40	SXANP20668	4003530262555	4003530265242
	80	80	60	2,0	24	13,26	100	48	SXANP20886	4003530262562	4003530265259
	80	80	80	2,0	32	8,84	50	81	SXANP20888	4003530262579	4003530265266
	40	40	60	2,5	12	12,30	150	70	SXANP25446	4003530262586	4003530265273
	50	50	40	2,5	12	13,80	200	70	SXANP25554	4003530262593	4003530265280
	60	60	100	2,5	30	20,60	100	40	SXANP256610	4003530262470	4003530265167
	60	60	40	2,5	12	12,30	150	70	SXANP25664	4003530262609	4003530265297
	60	60	50	2,5	15	10,30	100	70	SXANP25665	4003530262616	4003530265303
	60	60	60	2,5	18	12,40	100	70	SXANP25666	4003530262630	4003530265327
	60	60	80	2,5	24	16,50	100	40	SXANP25668	4003530262487	4003530265174
	80	80	100	2,5	40	13,75	50	51	SXANP258810	4003530262517	4003530265204
	80	80	60	2,5	24	16,50	100	48	SXANP25886	4003530262463	4003530265150
	80	80	80	2,5	32	11,00	50	81	SXANP25888	4003530262456	4003530265143
	90	90	40	2,5	16	12,40	100	51	SXANP25994	4003530262715	4003530265402
	100	100	100	2,5	50	17,15	50	51	SXANP25101010	4003530262678	4003530265365
	100	100	60	2,5	30	10,30	50	48	SXANP2510106	4003530262654	4003530265341
	100	100	80	2,5	40	13,75	50	51	SXANP2510108	4003530262661	4003530265358

t = sheet thickness | n1 = no. of holes wood

**MADE IN
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ETA-20/0140 | 0769-CPR-6241/02



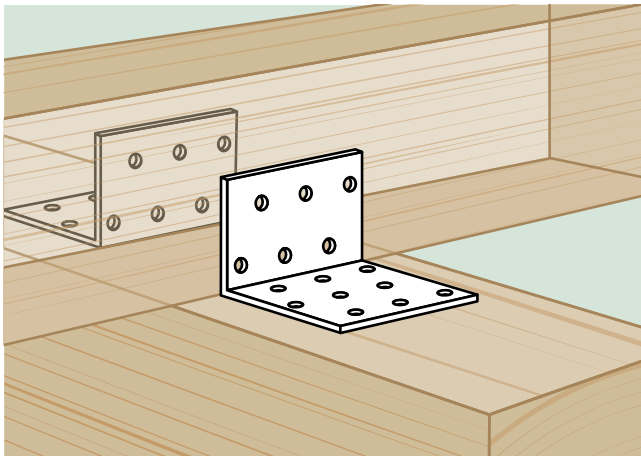


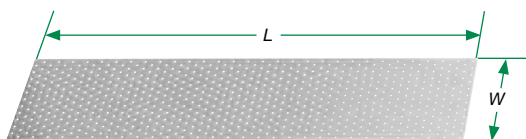
Nail-on angle bracket, unequal SXANP

Hot-dip galvanised sheet metal

	Dimensions [mm]					Packaging units			SPAX number	EAN code	
	H	L	W	t	n ¹ dia. 5	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	60	40	60	2,5	15	15,45	150	34	SXANP25646	4003530262685	4003530265372
	80	60	60	2,5	21	14,40	100	48	SXANP25686	4003530262692	4003530265389
	100	60	60	2,5	24	8,25	50	96	SXANP256106	4003530262708	4003530265396

t = sheet thickness | n¹ = no. of holes wood



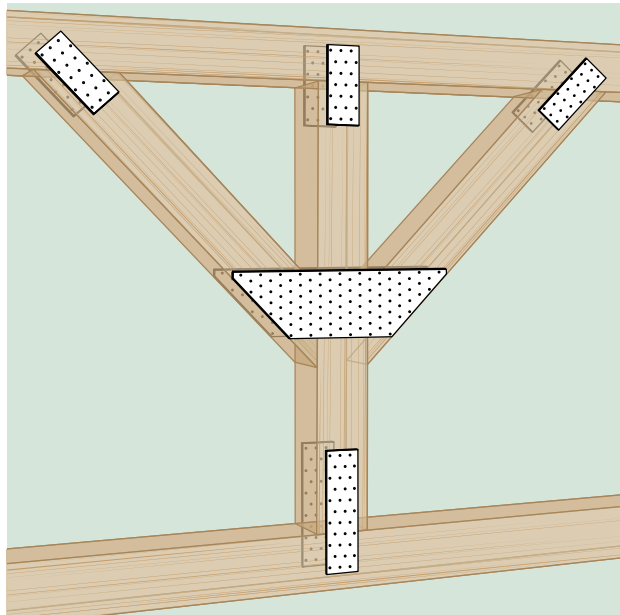


Nail-on strip SXNPS

Hot-dip galvanised sheet metal

	Dimensions [mm]				Packaging units			SPAX number	EAN code	
	W	L	t	nH ¹ dia. 5	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
	40	1200	2,0	90	13,18	20	60	SXNPS204	4003530262425	4003530265112
	60	1200	2,0	150	19,76	20	39	SXNPS206	4003530262432	4003530265129
	80	1200	2,0	210	26,36	20	30	SXNPS208	4003530262418	4003530265105
	100	1200	2,0	270	16,47	10	42	SXNPS2010	4003530262401	4003530265099
	120	1200	2,0	330	19,77	10	36	SXNPS2012	4003530262449	4003530265136
	140	1200	2,0	390	23,06	10	30	SXNPS2014	4003530262098	4003530264788
	160	1200	2,0	450	26,36	10	20	SXNPS2016	4003530262180	4003530264870
	180	1200	2,0	510	29,65	10	20	SXNPS2018	4003530262173	4003530264863
	240	1200	2,0	690	19,77	5	30	SXNPS2024	4003530262166	4003530264856
	300	1200	2,0	870	24,71	5	20	SXNPS2030	4003530262159	4003530264849

t = sheet thickness | n1 = no. of holes wood



Features/advantages:

- Load-bearing connectors
- For fastening narrow wooden components
- For large-area connections and high stability
- Connection to wood with SPAX connector nail or SPAX wood connector screw (see page 70/71)

**MADE IN
GERMANY**

EN14545 | 0769-CPR-6246/02





Nail-on plate SXNP

Hot-dip galvanised sheet metal

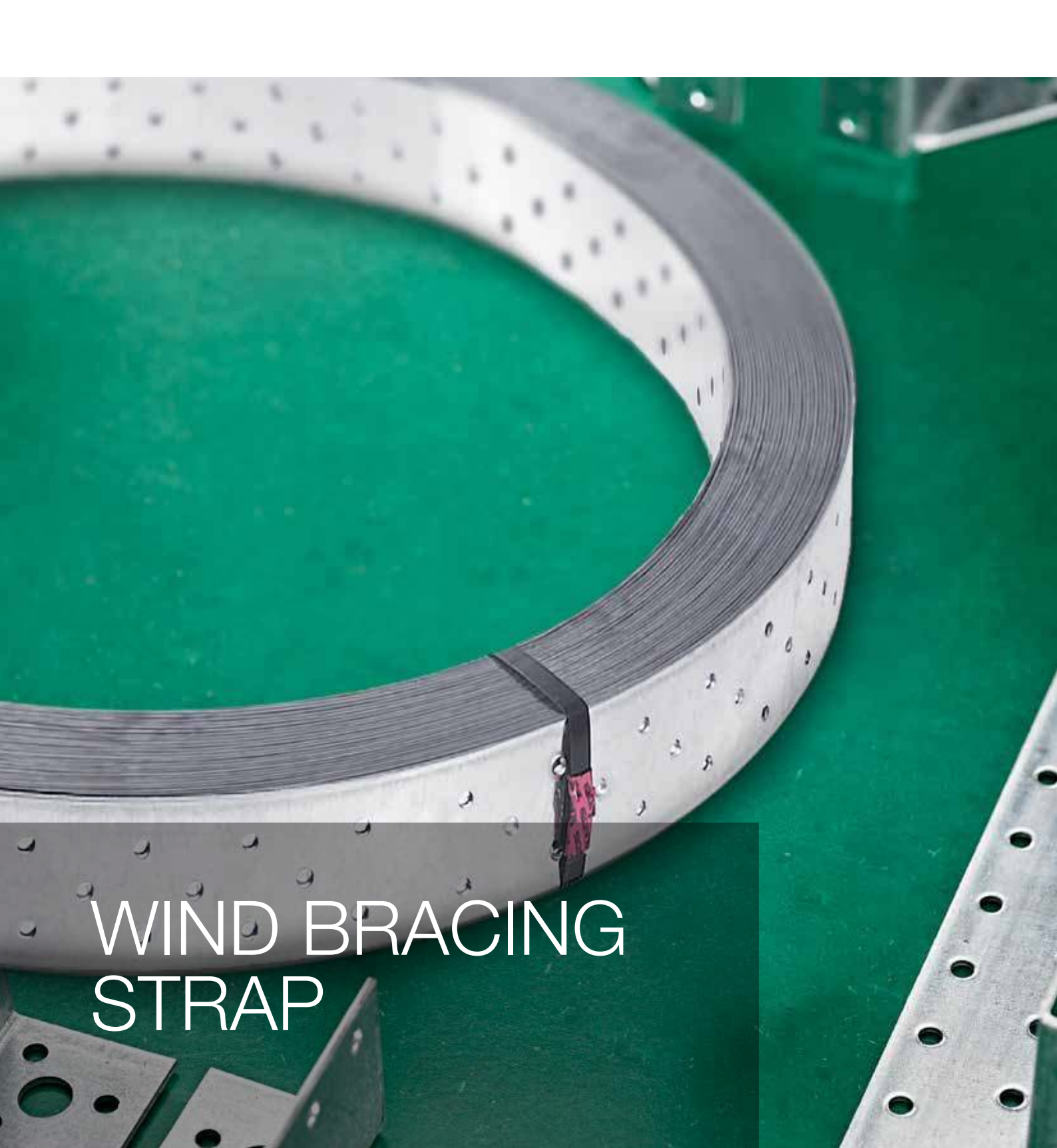
Dimensions [mm]				Packaging units			SPAX number	EAN code	
W	L	t	nH ¹ dia. 5	Weight per PU kg	Content per PU pc.	Quantity PU per pallet		Single product pc.	Packaging unit PU
40	120	1,5	9	9,90	200	63	SXNP15412	4003530262388	4003530265075
40	160	1,5	12	6,60	100	70	SXNP15416	4003530262272	4003530264962
60	140	1,5	18	12,95	150	42	SXNP15614	4003530262265	4003530264955
60	200	1,5	25	12,40	100	48	SXNP15620	4003530262258	4003530264948
60	500	1,5	63	16,05	50	27	SXNP15650	4003530262241	4003530264931
80	200	1,5	35	8,25	50	70	SXNP15820	4003530262234	4003530264924
100	200	1,5	45	10,32	50	48	SXNP151020	4003530262227	4003530264917
100	300	1,5	68	15,45	50	51	SXNP151030	4003530262210	4003530264900
40	120	2,0	9	13,20	200	63	SXNP20412	4003530262142	4003530264832
40	160	2,0	12	8,80	100	70	SXNP20416	4003530262135	4003530264825
50	200	2,0	15	20,55	150	48	SXNP20520	4003530262371	4003530265068
60	140	2,0	18	17,25	150	42	SXNP20614	4003530262128	4003530264818
60	200	2,0	25	16,50	100	48	SXNP20620	4003530262395	4003530265082
60	240	2,0	30	19,80	100	48	SXNP20624	4003530262104	4003530264795
80	200	2,0	35	11,00	50	70	SXNP20820	4003530262197	4003530264887
80	240	2,0	42	13,20	50	48	SXNP20824	4003530262081	4003530264771
80	300	2,0	53	17,00	50	51	SXNP20830	4003530262074	4003530264764
100	140	2,0	32	9,60	50	70	SXNP201014	4003530262067	4003530264757
100	200	2,0	45	13,75	50	48	SXNP201020	4003530262050	4003530264740
100	240	2,0	54	16,45	50	48	SXNP201024	4003530262043	4003530264733
100	260	2,0	59	17,85	50	51	SXNP201026	4003530262036	4003530264726
100	300	2,0	68	20,60	50	51	SXNP201030	4003530262289	4003530264979
100	400	2,0	90	10,98	20	45	SXNP201040	4003530262302	4003530264993
120	200	2,0	55	16,45	50	48	SXNP201220	4003530262111	4003530264801
120	240	2,0	66	19,75	50	48	SXNP201224	4003530262364	4003530265051
120	260	2,0	72	21,40	50	34	SXNP201226	4003530262357	4003530265044
120	300	2,0	83	24,70	50	34	SXNP201230	4003530262340	4003530265037
120	400	2,0	110	9,89	15	45	SXNP201240	4003530262333	4003530265020
140	400	2,0	130	11,54	15	45	SXNP201440	4003530262326	4003530265013
160	400	2,0	150	13,19	15	45	SXNP201640	4003530262319	4003530265006
180	400	2,0	170	14,82	15	45	SXNP201840	4003530262203	4003530264894
200	300	2,0	143	12,36	15	32	SXNP202030	4003530262296	4003530264986

t = sheet thickness | n1 = no. of holes wood



0769-CPR-6246/02 | EN14545

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GERMANY**



WIND BRACING STRAP

Wind bracing strap SXBA

NEW

Wind bracing strap SXBA

Hot-dip galvanised sheet metal



Dimensions [mm]			Packaging units			SPAX number	EAN code Single product pc.
W	L [m]	t	Weight per PU kg	Content per PU pc.	Quantity PU per pallet pc.		
40	50	1,5	20,10	1	30	SXBA154	4003530280320
60	50	1,5	30,15	1	20	SXBA156	4003530280337

t = sheet thickness | PU = 1 piece = 1 roll

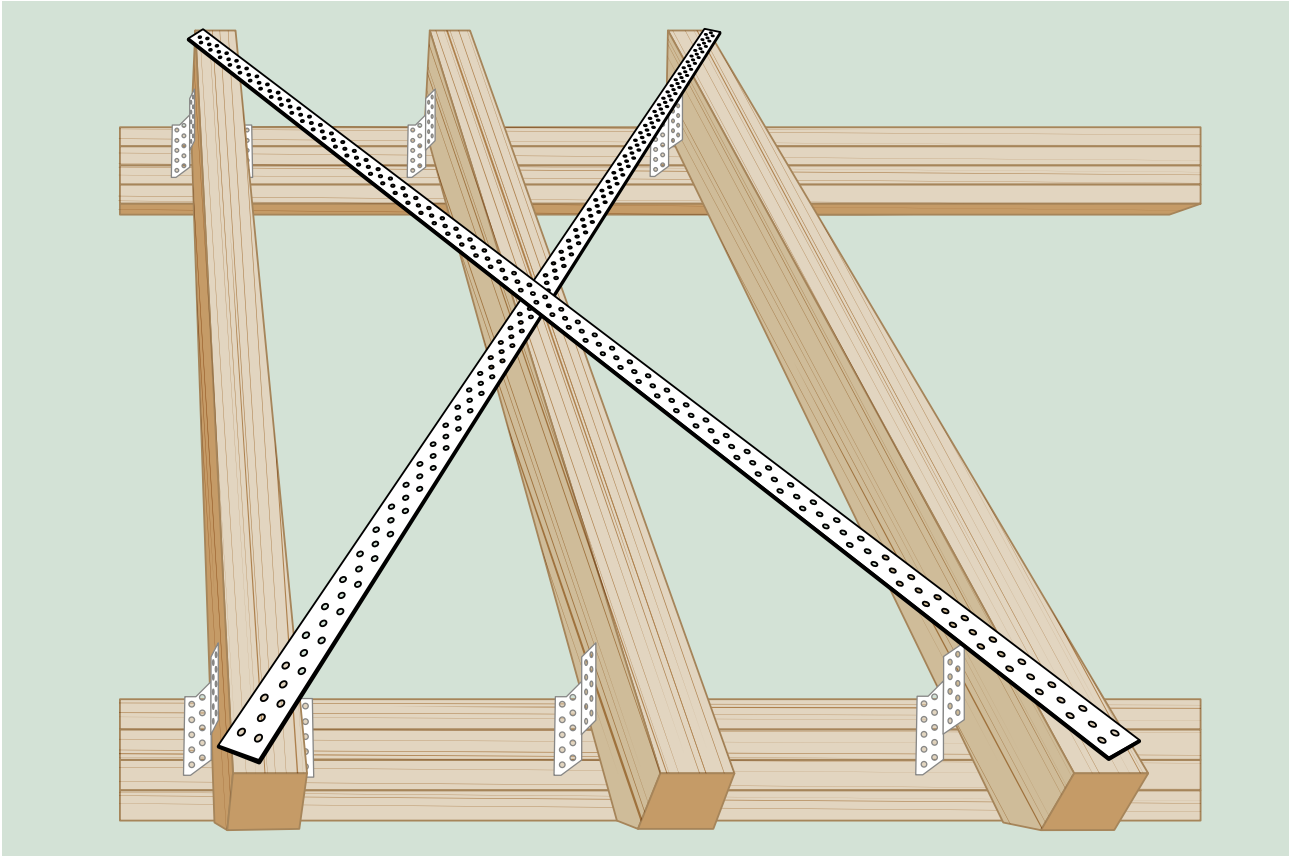
Features/advantages:

- With 5 mm holes for SPAX grooved nails or SPAX wood screws (see page 68/69)
- With embossed metre markings from 1 - 50 metres -> cutting to length without tape measure
- Higher tensile strength (S350GD), therefore 1.5 mm sheet thickness possible
- 25% less weight -> makes work easier, saves freight costs
- Easy unrolling and tensioning
- Suitable for common wind brace tensioners
- For higher loads, two wind brace tapes can also be laid next to each other.
- Ensure even tension during installation.
- Wear cut-resistant work gloves during processing
- CE marking

**MADE IN
GERMANY**

EN14545 | 0769-CPR-6246/02 DoP6247







NAILS AND SCREWS

Page 70

Rafter nail SXNA



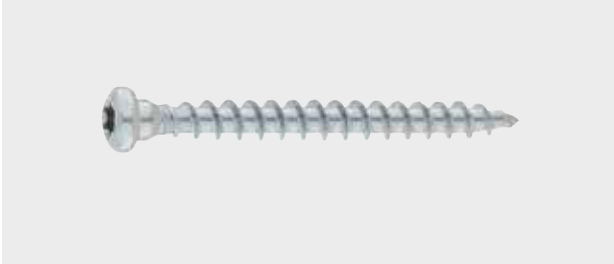
Page 70

Connector nail SXCN



Page 71

Wood connector screw SXCS



Page 71

**SPAX flat countersunk head screw
for SXHC and SXHCC**

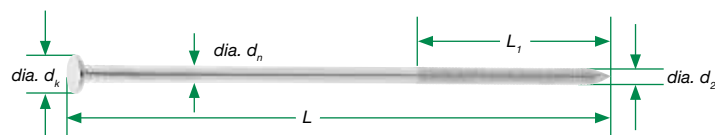


Rafter nail SXNA

Steel, zinc-plated A1J

Flat head, ring thread, pyramid point

EN 14592



	Dimensions [mm]			Packaging units			SPAX number	EAN code Packaging unit PU
	dn = nominal dimension dia. d_n	Total length L	Thread length L_1	Weight PU kg	Pcs. per PU pc.	Pcs. per pallet pc.		
	6,0 dia. d_k = 13 mm	180	80	4,20	100	28.000	SXNA6180	4003530265587
		210	80	4,90	100	24.000	SXNA6210	4003530265631
		230	80	5,30	100	24.000	SXNA6230	4003530265648
		260	80	6,00	100	9.600	SXNA6260	4003530265624
		280	80	6,50	100	9.600	SXNA6280	4003530265617
		300	80	6,90	100	9.600	SXNA6300	4003530265600
		330	80	7,60	100	7.200	SXNA6330	4003530265594

Quantity discount available | outer thread diameter d_2 = 6.5 mm

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Connector nail SXCN

Steel, zinc-plated A3J

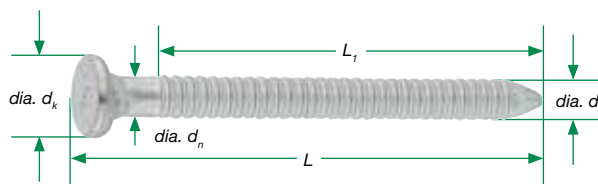
Flat head with conical shape, ring thread, pyramid point

ETA-20/0527*

Suitable for all wood connectors with 5.0 mm holes



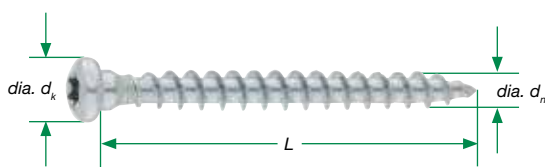
1922-CPR-1388



	Dimensions [mm]			Packaging units			SPAX number	EAN code Packaging unit PU
	dn = nominal dimension dia. d_n	Total length L	Thread length L_1	Weight PU kg	Pcs. per PU pc.	Pcs. per pallet pc.		
	4,0 dia. d_k = 8 mm	40	30	1,00	250	80.000	SXCN440	4003530265488
		50	40	1,25	250	80.000	SXCN450	4003530265518
		60	50	1,50	250	80.000	SXCN460	4003530265525

Quantity discount available | *Due to ETA approval, higher load capacity values can be applied. | outer thread diameter ring thread d_2 = 4.4 mm





Wood connector screw SXCS

Full thread, WIROX A9J, hardened, slide coating

T-STAR T 20*, with special geometry below the head

Suitable for all wood connectors with 5.0 mm holes

ETA-20/0527

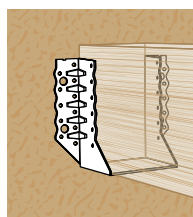


0672-CPR-0907

Dimensions [mm]			Packaging units			SPAX number	EAN code Packaging unit PU
Thread dia. dia. d_k	Total length L	Blade size T	Weight PU kg	Pcs. per PU pc.	Pcs. per pallet pc.		
5,0 dia. d _k = 8 mm	25	20	1,40	500	145.000	35705006102015	4003530269646
	35	20	1,70	500	145.000	35705006103015	4003530269653
	40	20	1,98	500	145.000	35705006104015	4003530269660
	50	20	1,00	200	72.000	35705006105015	4003530269677
	60	20	1,14	200	58.000	35705006106015	4003530269684
	70	20	1,30	200	58.000	35705006101015	4003530269691

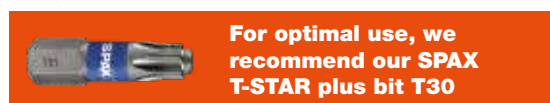
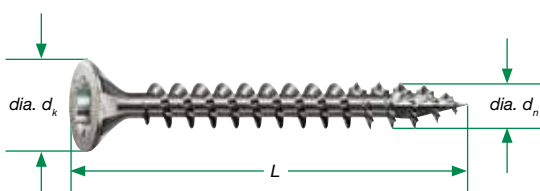
* This screw does not have a T-STAR *plus* drive.

SPAX wood connector screws can be used as an alternative to connector nails. In many cases, higher load-bearing capacity can be achieved compared to connector nails (applies to steel sheet thicknesses $t \geq 2$ mm).



Only SPAX wood connector screws may be used to fasten the wood connectors to OSB and fibreboard (chipboard).

Important: select screw length to ensure that the screw tip protrudes through the rear side of the plate.



For optimal use, we recommend our SPAX T-STAR plus bit T30

Universal screw, flat countersunk head, T-STAR plus

Full thread, 4CUT, MULTI head, hardened, slide coating

Suitable for concealed beam hangers SXHC and SXHCC

ETA-12/0114

Dimensions [mm]			Packaging units			SPAX number	EAN code Packaging unit PU
Thread dia. dia. d_k	Total length L	Blade size T	Weight PU kg	Pcs. per PU pc.	Pcs. per pallet pc.		
6,0 dia. d _k = 11,6 mm	100	30	1,26	100	32.000	1191010601005	4003530269714
	120	30	1,56	100	28.000	1191010601205	4003530269721
	140	30	1,72	100	28.000	1191010601405	4003530269738
	160	30	1,94	100	28.000	1191010601605	4003530269745
	200	30	2,36	100	24.000	1191010602005	4003530269752



**MADE IN
GERMANY**

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