

HBS COIL

HBS BOUND SCREWS

QUICK, IN SERIES USE

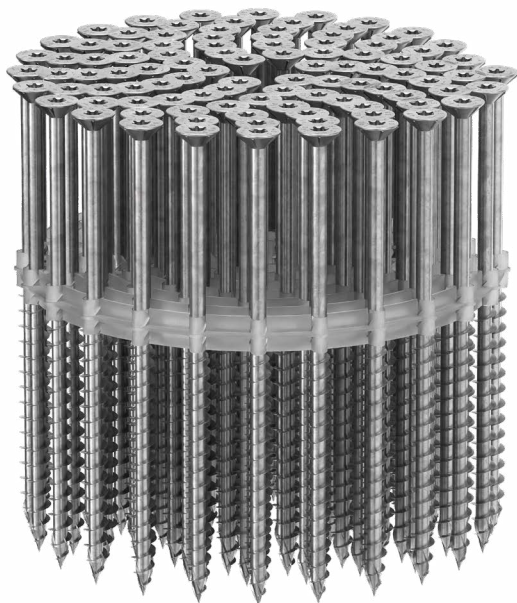
Quick and precise installation. Fast and safe execution thanks to the special binding.

HBS 6,0 mm

Also available in a diameter of 6,0 mm, ideal for quick wall-to-wall fastening in CLT structures.

FAST

With the 3 THORNS tip, screw grip becomes more reliable and faster, while maintaining the usual mechanical performance. More speed, less effort.



UK
CA
UKTA-0836
22/6195

CE
ETA-11/0030



DIAMETER [mm]

3 4 6 12

LENGTH [mm]

12 25 80 1000

SERVICE CLASS

SC1 SC2

ATMOSPHERIC CORROSIVITY

C1 C2

WOOD CORROSIVITY

T1 T2

MATERIAL



electrogalvanized carbon steel



FIELDS OF USE

- timber based panels
- fibreboard, MDF, HDF and LDF
- plated and melamine faced panels
- solid timber
- glulam (Glued Laminated Timber)
- CLT and LVL
- high density woods

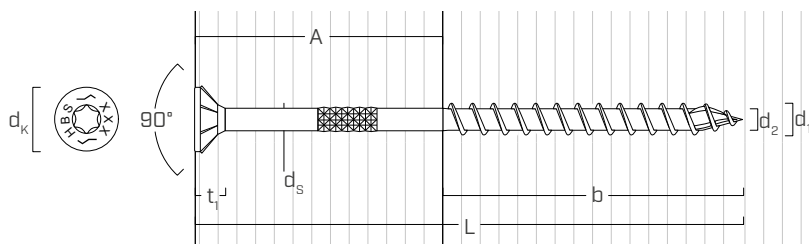
CODES AND DIMENSIONS

d ₁ [mm]	CODE	L [mm]	b [mm]	A [mm]	pcs/ 	pcs
4 TX 20	HH10600459(*)	25	18	7	-	3000
	HZB430	30	16	14	167	3000
	HZB440	40	24	16	167	2000
	HZB450	50	30	20	125	1500

(*) Full threaded screw.

d ₁ [mm]	CODE	L [mm]	b [mm]	A [mm]	pcs/ 	pcs
4,5 TX 20	HZB4550	50	30	20	125	1500
5 TX 25	HZB560	60	30	30	125	1250
	HZB570	70	35	35	125	625
	HZB580	80	40	40	125	625
6 TX 30	HZB670	70	40	30	135	625
	HZB680	80	40	40	135	625

GEOMETRY | HZB



Nominal diameter	d ₁	[mm]	4	4,5	5	6
Head diameter	d _K	[mm]	8,00	9,00	10,00	12,00
Thread diameter	d ₂	[mm]	2,55	2,80	3,40	3,95
Shank diameter	d _S	[mm]	2,75	3,15	3,65	4,30
Head thickness	t ₁	[mm]	2,80	2,80	3,10	4,50
Pre-drilling hole diameter ⁽¹⁾	d _{V,S}	[mm]	2,5	2,5	3,0	4,0

⁽¹⁾ Pre-drilling valid for softwood.

 For mechanical properties and structural values see HBS on page 30.

ADDITIONAL PRODUCTS

CODE	description	d ₁ [mm]	lengths [mm]	pcs
HH3373	automatic loader for cordless screwdriver A 18 M BL	4,0	25-50	1
HH3372	automatic loader for cordless screwdriver A 18 M BL	4,5 - 6,0	40-80	1
HH3352	powered screwdriver	4,0	25-50	1
HH3338	powered screwdriver	4,5 - 6,0	40-80	1
HH14411591	extension	-	-	1
HZB6PLATE	adapter plate for HZB Ø6	-	-	1
HH14001469	TX30 M6 bit for HZB Ø6	-	-	1

Further information on page 401.



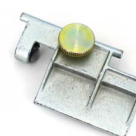
HH3372



HH3338



HH14411591



HZB6PLATE



HH14001469

Ø6 mm HBS COIL APPLICATION

The adapter plates for use of 4,0, 4,5 and 5,0 diameter HBS COIL screws are already supplied with the respective screwdriver loaders. To use HBS COIL screws with a diameter of 6,0, the adapter plates supplied must be replaced with the adapter plate HZB6PLATE. For HBS COIL screws diameter 6,0 it is also necessary to use the appropriate TX30 bit (code HH14001469).

We recommend using the extension HH14411591 for an easier installation of the screws on horizontal planes.