

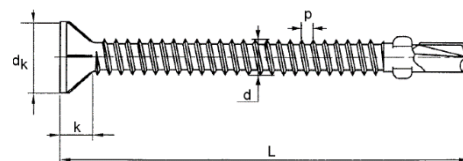
VTEKS

Zelfborende schroef met verzonken kop, freesribben en vleugels

Vis autoforante à ailettes tête fraisée avec rainures

Self-drilling screws with wings, countersunk head and ribs

Flügelbohrschrauben Senkkopf mit Fräserippen



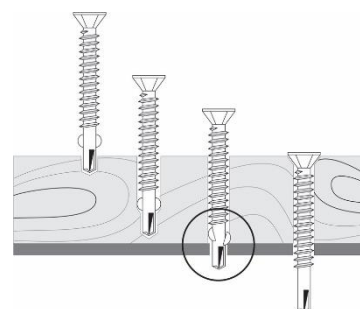
d	dk	k	p	recess
4,8	9,5	3,0	1,6	PH2 / T20
5,5	11	3,4	1,81	PH3 / T25
6,3	12	6,8	1,81	PH3 / T30

Material:

- Hardened steel C1022
- Zinc plated $\geq 5\mu\text{m}$

Functioning:

- For the direct fixing of wood to a metal sheet or metallic parts
- The core hole is drilled into the substructure. The wings break off upon contact with the metal.



Installation data:

d	Drill cap [mm]	Drill speed ¹ [rpm]	T _{inst} [Nm]	T _{fix,max} [mm]
4,8	2 ÷ 4	1200-1800	5	L-15
5,5	2 ÷ 5	1200-1800	7	L-20
6,3	2 ÷ 6	1200-1800	12	L-20

Mechanical properties of the screw – characteristic values:

d	Tensile [kN]	Shear [kN]	Min. breaking torque [Nm]
4,8	10	6,0	7,0
5,5	12,5	8,0	10,5
6,3	17,0	11,1	17

Pull-out loads – characteristic values ²

d	Steel S235 [mm]	Nrk [kN]
4,8	3,0	1,2
5,5	3,0	4,0
6,3	3,0	5,5

For design loads, a safety factor of $\gamma=2$ must be included.

¹ Indicative values

² Test report TB-KOT-2019/0794