

Concrete screw BTS5

Advantages



BTS5 B, hex-head



BTS5 PT, pan-head

- Direct and fast fixing
- Small drill hole with only 5 mm diameter
- Low embedment depth of only 25 mm
- Low setting torque: Manual installation without battery screwdriver possible
- Especially suitable for electrical and sanitary fixings
- High recommended load of 80kg in concrete
- Very good corrosion resistance due to zinc flake coating



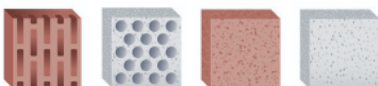
Suitable building materials

Very suitable



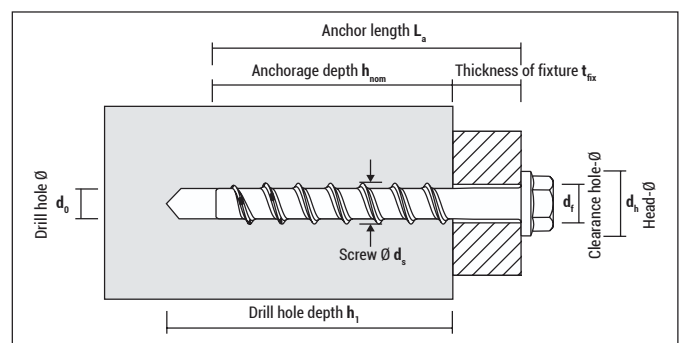
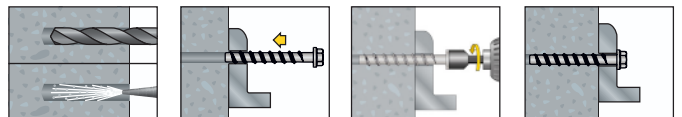
- Concrete

Suitable

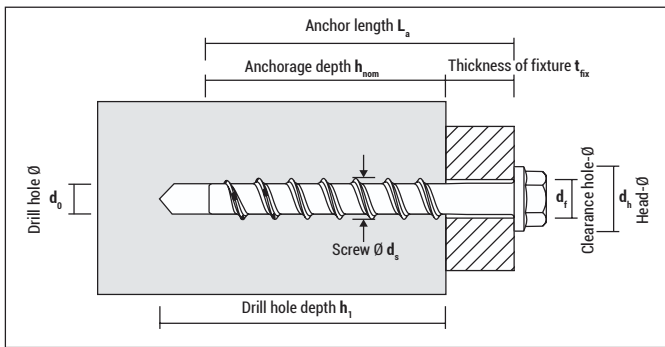


- Natural stone
- Solid brick
- Solid sand-lime brick
- Hollow brick

Mounting



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**BTS5 B, zinc flake coating** with hex-head with integral washer, washer- $\varnothing$: 11 mm

Type $d_s \times L_a / t_{fix}$	Art-No	$d_s \times L_a$ [mm]	$h_1 \geq$ [mm]	$h_{nom} \geq$ [mm]	d_f [mm]	$t_{fix} \leq$ [mm]	Recess	€ / 100 pcs	[pcs]	[pcs]
5x30/5	9ZG530BTSB	6,4 x 30	35	25	7,5	5	SW8		100	1.800
5x45/20	9ZG545BTSB	6,4 x 45	35	25	7,5	20	SW8		100	1.200
5x60/35	9ZG560BTSB	6,4 x 60	35	25	7,5	35	SW8		100	1.200

**BTS5 PT, zinc flake coating** with pan-head (TX 25), head- $\varnothing$: 10 mm

Type $d_s \times L_a / t_{fix}$	Art-No	$d_s \times L_a$ [mm]	$h_1 \geq$ [mm]	$h_{nom} \geq$ [mm]	d_f [mm]	$t_{fix} \leq$ [mm]	Drive	€ / 100 pcs	[pcs]	[pcs]
5x30/5	9ZG530BTSPT	6,4 x 30	35	25	7,5	5	TX25		100	1.800
5x45/20	9ZG545BTSPT	6,4 x 45	35	25	7,5	20	TX25		100	1.200
5x60/35	9ZG560BTSPT	6,4 x 60	35	25	7,5	35	TX25		100	1.200

Loads, spacing and edge distance

Type	Non-cracked concrete $\geq C20/25$		Cracked concrete $\geq C20/25$		Solid brick Mz 12/ Solid brick KS 12		Hollow brick HLz 12/ KSL 12 Brick wall thickness ≥ 15 mm	
	F_{rec} [kN]	$T_{inst max}$ [Nm]	F_{rec} [kN]	$T_{inst max}$ [Nm]	F_{rec} [kN]	$T_{inst max}$ [Nm]	F_{rec} [kN]	$T_{inst max}$ [Nm]
BTS5	0,8	5	0,35	5	0,3	2	0,12	1

F_{rec} : Recommended loads incl. safety factor of 4

For anchorage depth > 25 mm the recommended tension load increases proportionally.