



concrete



natural stone



solid brick

products group



VTS
with 8.8 hexagonal
head screw

Suitable for

- concrete
- natural stone
- solid brick

To fix

- stairs
- window and door frames
- profiles
- gates
- railings

product information

Characteristics

- through steel anchor with slots on the body and on the expansion conical nut
- smooth expansion
- high setting quickness through the object to be fixed

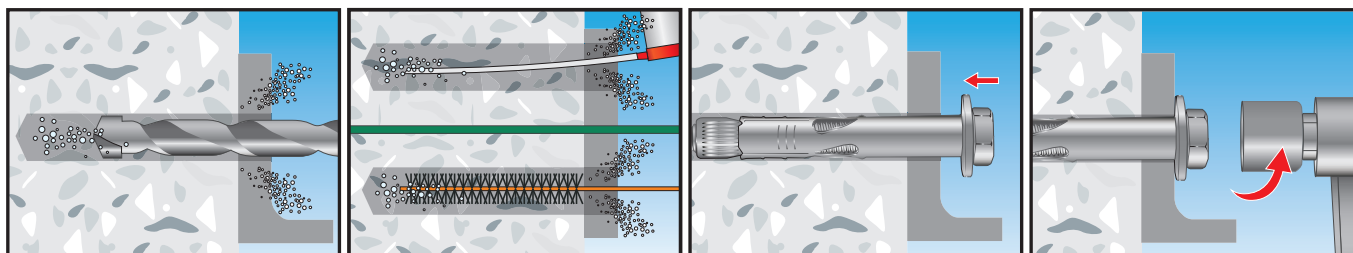
Installation

- through-setting anchor

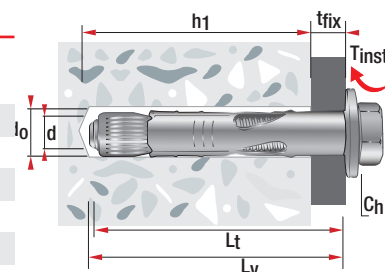
Suggestion for use

- choose the right size of the anchor according to the load
- always check load bearing capacity values in the table
- respect the installation data
- **clean the hole before the installation**

installation sequence



Code	Description	L_t mm	d_o mm	h_1 mm	$t_{fix,max}$ mm	T_{inst} mm	Ch
8883	VTS 8/10-45	45	8	45	10	10	10
8884	VTS 8/35-70	70	8	45	35	10	10
8885	VTS 8/55-90	90	8	45	55	10	10
8886	VTS 10/15-55	55	10	50	15	25	13
8887	VTS 10/40-80	80	10	50	40	25	13
8888	VTS 10/60-100	100	10	50	60	25	13
8825	VTS 10/80-120	120	10	50	80	25	13
8826	VTS 10/100-140	140	10	50	100	25	13
8889	VTS 12/15-65	65	12	60	15	50	13
8890	VTS 12/30-80	80	12	60	30	50	17
8891	VTS 12/50-100	100	12	60	50	50	17
8892	VTS 16/20-80	80	16	70	20	75	19



- h_1 = Min. hole depth
 L_t = Anchor length
 L_v = Screw length
 d_o = Hole diameter
 d = Screw diameter
 t_{fix} = Fixture thickness
 t_{inst} = Torque
 Ch = Spanner

VTS

			VTS M6	VTS M8	VTS M10	VTS M12
Critical axial spacing	S_{cr}	mm	120	135	165	180
Critical edge distance	C_{cr}	mm	60	67,5	85	90
Minimum structural thickness	h_{min}	mm	100	100	120	150

Permissible loads - applications in concrete C20/25

1 daN ≈ 1 kg

Screws 8.8	daN	90	140	230	255
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- Always respect the installation parameters
- In case of axial spacings or edge distances are inferior than the critical ones, it is recommended to reduce the application load
- The table shows the permissible loads for tension, shear and combined tension and shear loads