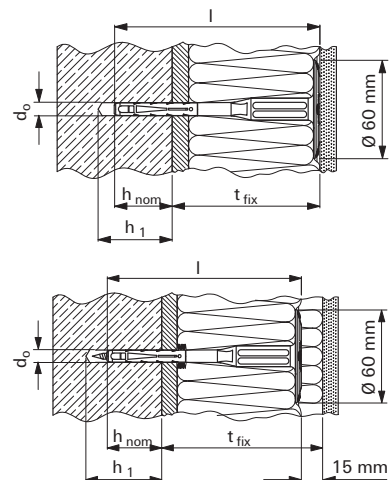


TECHNICAL DATA



Item	Art.-No.	Approval ETA	Drill diameter	Fixing length	Effect. ancho- rage depth	Min. drill hole depth at surface-flush installation	Max. usable length at surface-flush installation	Min. drill hole depth at countersunk installation	Max. usable length at countersunk installation	Drive	Sales unit
			d_0 [mm]	l [mm]	h_{nom} [mm]	h_1 [mm]	t_{fix} [mm]	h_1 [mm]	t_{fix} [mm]		[pcs]
termoz CS 8/110	531960 ¹⁾	■	8	108	35	45	70	-	-	T30	100
termoz CS 8/130	531970	■	8	128	35	45	90	60	90	T30	100
termoz CS 8/150	531974	■	8	148	35	45	110	60	110	T30	100
termoz CS 8/170	531976	■	8	168	35	45	130	60	130	T30	100
termoz CS 8/190	531978	■	8	188	35	45	150	60	150	T30	100
termoz CS 8/210	531982	■	8	208	35	45	170	60	170	T30	100
termoz CS 8/230	531984	■	8	228	35	45	190	60	190	T30	100
termoz CS 8/250	531987	■	8	248	35	45	210	60	210	T25	100
termoz CS 8/250 R	531989 ²⁾	■	8	248	35	45	210	60	210	T25	100
termoz CS 8/270	531991	■	8	268	35	45	230	60	230	T25	100
termoz CS 8/270 R	531993 ²⁾	■	8	268	35	45	230	60	230	T25	100
termoz CS 8/290	531995	■	8	288	35	45	250	60	250	T25	100
termoz CS 8/290 R	531997 ²⁾	■	8	288	35	45	250	60	250	T25	100
termoz CS 8/310	532000	■	8	308	35	45	270	60	270	T25	100
termoz CS 8/310 R	532003 ²⁾	■	8	308	35	45	270	60	270	T25	100
termoz CS 8/330	532006	■	8	328	35	45	290	60	290	T25	100
termoz CS 8/350	532008	■	8	348	35	45	310	60	310	T25	100
termoz CS 8/370	532011	■	8	368	35	45	330	60	330	T25	100
termoz CS 8/390	532014	■	8	388	35	45	350	60	350	T25	100

1) Not for countersunk mounting

2) R = version with slim shaft, to set with Bit T 25, Art.-No. 533762

from length 250 mm Bit T 25, Art.-No. 533763, is required

LOADS

termoz CS 8³⁾

Highest permissible loads for a single anchor^{1) 4)} for multiple use for non-structural applications.
For the design the complete assessment ETA-14/0372 has to be considered.

Type	Brick raw density ρ [kg/dm ³]	min. compressive brick strength f_b [N/mm ²]	min. embedment depth h_{nom} [mm]	min. member thickness h_{min} [mm]	Concrete and masonry		
					permissible tensile load ³⁾ N_{perm} [kN]	min. spacing ²⁾ s_{min} [mm]	min. edge distance ²⁾ c_{min} [mm]
Concrete							
CS 8	C12/15 - C45/55		35 ⁶⁾	100	0,40	100	100
	C50/60				0,50		
Weather shell							
CS 8	C20/25 - C45/55		35 ^{6) 5)}	42	0,40	100	100
	C50/60				0,50		
Solid Clay bricks e.g. acc. to DIN 105-100:2012-01, EN 771-1:2011, Mz							
CS 8	$\geq 1,8$	20	35 ⁶⁾	100	0,50	100	100
Calcium silicate solid bricks, e.g. acc. to DIN V 106:2005-10, EN 771-2:2011, KS							
CS 8	$\geq 1,8$	20	35 ⁶⁾	100	0,50	100	100
		12			0,30		
Solid lightweight concrete block, e.g. acc. to DIN V 18152-100:2005-10 EN 771-3:2011 Vbl							
CS 8	$\geq 1,4$	8	35 ⁶⁾	100	0,17	100	100
Solid concrete block, e.g. acc. to DIN V 18152-100:2005-10 EN 771-3:2011, Vbn							
CS 8	$\geq 2,0$	20	35 ⁶⁾	100	0,40	100	100
		12			0,25		
Vertically perforated clay bricks e.g. acc. to DIN 105-100:2012-01, EN 771-1:2011, HLz							
CS 8	$\geq 1,0$	12	35 ^{7) 8)}	100	0,20	100	100
	$\geq 1,6$	48			0,50		
Hollow calcium silicate brick, acc. to DIN V 106:2005-10, EN 771-2:2011, KSL							
CS 8	$\geq 1,4$	20	35 ^{7) 8)}	100	0,30	100	100
		12			0,17		
Hollow brick light-weight concrete, e.g. acc. to DIN V 18153-100: 2005-10, EN 771-3:2011 Hbl							
CS 8	$\geq 0,9$	4	35 ^{6) 8)}	100	0,17	100	100
Hollow brick concrete, e.g. acc. to DIN V 18153-100: 2005-10, EN 771-3:2011 Hbn							
CS 8	$\geq 1,2$	10	35 ^{6) 8)}	100	0,40	100	100
		8			0,30		
		6			0,25		
		4			0,17		
Lightweight Aggregate Concrete acc. to DIN EN 1520, LAC							
CS 8	$\geq 0,9$	6	35 ⁶⁾	100	0,25	100	100
Autoclaved aerated concrete blocks, e.g. AAC acc. to DIN V 4165-100:2005-10, EN 771-4							
CS 8	$\geq 0,5$	4	35 ⁷⁾	100	0,10	100	100
		4	55 ⁷⁾		0,20		

¹⁾ The partial safety factors for material resistance as regulated in the assessment as well as a partial safety factor for load actions of $\gamma_F = 1,5$ are considered.

²⁾ Minimum possible axial spacings resp. edge distances acc. Assessment.

³⁾ Plastic anchor for fixing of external thermal insulation composite systems with rendering acc. ETAG014. Only tensile wind loads are permitted.

⁴⁾ The given loads are valid for installation and use of fixations in dry masonry for temperatures in the substrate up to +24 °C (resp. short term up to 40 °C).

⁵⁾ Embedment depth permitted up to 45 mm.

⁶⁾ Hammer drilling

⁷⁾ Rotary drilling

⁸⁾ In masonry of the building material class C an embedment depth of $h_{nom} = 25$ mm is possible with the same loads than with 35 mm embedment depth.