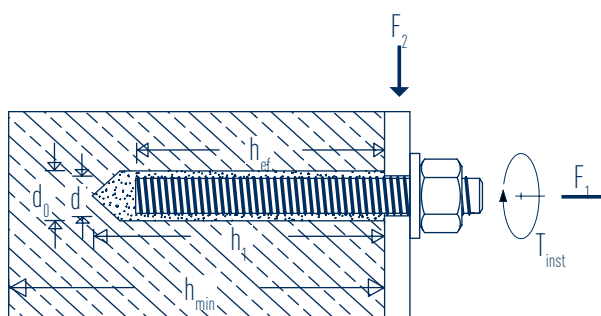


BeziFee®

TECHNICAL DATA SHEET



montagepack	SIHGA®	Dimension
Art. No.	PU	ml
41706	2	BeziFee®
		300



SIHGA®	BeziFee®	Threaded Rod in Concrete								
threaded rod	d	[-]	M 8	M 10	M 12	M 16	M 20	M 24	M 27	M 30
concrete drilling diameter	d _o	[mm]	10	12	14	18	22	26	30	35
min. edge distance without load influence	c _{min}	[mm]	$h_{ef} / 2$							
min. centre distance without load influence	s _{min}	[mm]								
min. concrete thickness	h _{min}	[mm]	$h_{ef} + 30 \geq 100$				$h_{ef} + 2d_o$			
max. tightening torque	T _{inst}	[Nm]	10	20	40	80	150	200	240	275
effective anchoring depth	h _{ef,min}	[mm]	64	80	96	128	160	192	216	240
	h _{ef,max}	[mm]	160	200	240	320	400	480	540	600
standard anchoring depth	h _{ef,s}	[mm]	80	90	110	128	170	210	240	270
non-cracked concrete										
recommended tensile strength with h _{ef,s}	F ₁	[kN]	8,5	14,9	21,9	32,2	50,4	70,4	63,0	66,6
recommended shear resistance with h _{ef,s}	F ₂	[kN]	6,5	10,4	15,1	28,7	44,8	64,5	85,1	103,4
cracked concrete										
recommended tensile strength with h _{ef,s}	F ₁	[kN]	-	-	10,4	16,1	26,7	39,6	-	-
recommended shear resistance with h _{ef,s}	F ₂	[kN]	-	-	15,1	28,7	44,8	64,5	-	-

ETAG 0012010 C - Design method for anchorages in concrete / Safety concept 3.2
 Recommended loads of a single anchor in dry and damp concrete C 20/25, normal reinforced, without edge influence:
 Temperature range (-40 °C to + 40 °C); Cross bearing capability with steel 5.8
 For other applications see ETA 17/0182 and 17/0181

Brick		M 8	M 10	M 12
perforated casing	[-]	16 x 85	16 x 85	20 x 85
brick drilling diameter	d _o	[mm]	16	20
borehole depth	h ₁	[mm]	90	
effective anchoring depth	h _{ef}	[mm]	85	
max. tightening torque	T _{inst}	[Nm]	2	
recommended load capacity stone 1* F ₁ = F ₂	[kN]	0,80	0,80	1,00
recommended load capacity stone 2* F ₁ = F ₂	[kN]	0,36	0,48	0,60

* recommended loads of a single anchor without edge influence
 The load-bearing capacity of other stones may be determined by on-site tests in accordance with ETAG 029 appendix B

TAKE THE BEST



KLIMANEUTRALES
UNTERNEHMEN
certified by Fokus Zukunft



Type of Bricksen	min. Thickness	min. Compressive Strength	min. Horizontal Center Distance	min. Vertical Center Distance	min. Edge Distance
	ρ [kg/dm³]	f_b [N/mm²]	$S_{min,h}$ [mm]	$S_{min,v}$ [mm]	C_{min} [mm]
Stein Nr. 1: Porotherm P+W	0,9	12	373	238	120
Stein Nr. 2: Hueco Doble	0,74	2,5	245	110	120

BeziFee® Zubehör

SIHGA® Feature

Your Benefit



BeziFee® Wire Brush

Ø 18 mm

for dust-free boreholes



BeziFee® Sieve Sleeve long

sieve sleeve for perforated bricks

cut to length according to individual requirements

Ø 22, Length 1000 mm

for M 12 - M 16



BeziFee® Sieve Sleeve short

Ø 20, Length 85 mm

for M 12, sieve sleeve with stop for perforated bricks



BeziFee® Hand Pump

hand pump 750 ml for dust-free boreholes

secure hod in bore-hole



BeziFee® Static Mixer

suitable mixer

for mixing the components



BeziFee® Extension Tube

Ø 10, Length 285 mm for deeper boreholes

for use with thermal insulation



BeziFee® Systemkit

case with static mixer, hand pump, wire brush, extension tube and sieve sleeve

use accessories directly on the construction site using a practical case



DETAILS

- 2 component injection adhesive system for secure attachment of threaded and anchor rods
- does not contain any harmful styrene and is free from VOC (volatile organic compounds)
- fire resistance F120
- useable under water and waterproof when installed

