Heavy-duty anchors BZ

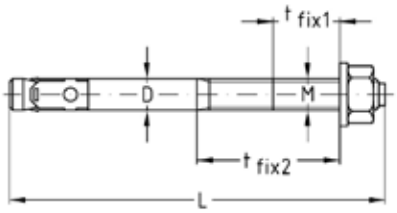
galvanised

Application

- For anchorages of medium-weight to heavy loads in cracked and non-cracked concrete
- Attachment of wall hanger brackets, support channels, base plates, constructions made of metal and wood, cable trays, railings, etc.
- Also applicable in hard natural stone

Your advantages

- Secure anchorage due to slit splaying sleeve with serrations
- Force-controlled splaying from the tightening torque
- Secure splaying due to taper with slide coating
- European Technical Assessment (ETA) for cracked concrete (tensile zone) and non-cracked concrete (compression zone)
- Higher loading possible when used in the compression zone



- Two effective anchorage depths for greater flexibility (maximum anchor length 210 mm)
- Approved for seismic loads, performance categories C1 and C2 (maximum anchor length 210 mm)

Features

fire protection certified F90 · Europäische Technische Bewertung · FM APPROVED for M10–M16

Standard anchorage depth														
Type	Connecting thread	Length L [mm]	Clamping thickness t_{fix1} [mm]	Drilling diameter D [mm]	Drilling depth [mm]	Setting depth h_{nom} [mm]	Anchoring depth h_{ef} [mm]	FM	Seismic	Admissible tensile load cracked concrete C20/25 [1] [kN]	Admissible tensile load uncracked concrete C20/25 [1] [kN]	**Part no.**	Sales unit	Pack unit
BZ 8-30-41/95	M8	95	30	8	60	52	46		-	2.4	5.7	**162169**	100	Pieces
BZ 8-50-61/115		115	50									**162170**		
BZ 10-10-30/90	M10	90	10	10	75	68	60	x	C1/C2	4.3	7.6	**162171**	50	
BZ 10-30-50/110		110	30					x				**162172**		
BZ 10-50-70/130		130	50					x				**162173**		
BZ 10-75-95/155		155	75					x				**162174**		
BZ 12-15-35/110	M12	110	15	12	90	80	70	x		7.6	11.9	**162175**	25	
BZ 12-50-70/145		145	50					x				**162176**		
BZ 12-65-85/160		160	65					x	C1/C2			**162177**		
BZ 12-125/220		220	125					x	-			**116712**		
BZ 16-15-35/135	M16	135	15	16	110	97	85	x	C1/C2	11.9	16.7	**162178**	1	
BZ 16-140/260		260	140					x	-			**116737**	20	

[1] The admissible loads apply for single anchors in concrete strength class ≥ C20/25 for axially applied tension without the influence of axial and edge spacings. The safety coefficient according to ETA is included. The European Technical Assessment ETA-05/0158 shall be observed for dimensioning.

Please refer to chapter „Stainless steel„ for the stainless steel version.

For additional characteristic values of plugs for use in areas with requirements on the duration of fire resistance, please refer to the „Technical information“ chapter.

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Features

Reduced anchorage depth													
Type	Connecting thread	Length L [mm]	Clamping thickness t_{fix2} [mm]	Drilling diameter D [mm]	Drilling depth [mm]	Setting depth $h_{nom\ red}$ [mm]	Anchoring depth $h_{ef\ red}$ [mm]	FM	Admissible tensile load cracked concrete C20/25 [1] [kN]	Admissible tensile load uncracked concrete C20/25 [1] [kN]	**Part no.**	Sales unit	Pack unit
BZ 8-6/60	M8	60	6	8	49	41	35		2.4	3.6	**168951**	100	Pieces
BZ 8-30-41/95		95	41								**162169**		
BZ 8-50-61/115		115	61								**162170**		
BZ 10-10-30/90	M10	90	30	10	55	48	40	x	3.6	4.3	**162171**	50	
BZ 10-30-50/110		110	50					x			**162172**		
BZ 10-50-70/130		130	70					x			**162173**		
BZ 10-75-95/155		155	95					x			**162174**		
BZ 12-15-35/110	M12	110	35	12	70	60	50	x	6.1	8.5	**162175**	25	
BZ 12-50-70/145		145	70					x			**162176**		
BZ 12-65-85/160		160	85					x			**162177**		
BZ 16-15-35/195	M16	135	35	16	90	77	65	x	9	12.6	**162178**	1	

[1] The admissible loads apply for single anchors in concrete strength class ≥ C20/25 for axially applied tension without the influence of axial and edge spacings. The safety coefficient according to ETA is included. The European Technical Assessment ETA-05/0158 shall be observed for dimensioning.

Please refer to chapter „Stainless steel„ for the stainless steel version.

For additional characteristic values of plugs for use in areas with requirements on the duration of fire resistance, please refer to the „Technical information“ chapter.

02/2025