

THROUGHBOLTS

High Quality torque controlled through fixing for medium to heavy duty applications.
Pre-assembled with nut and washer for instant use saving time for the installer.

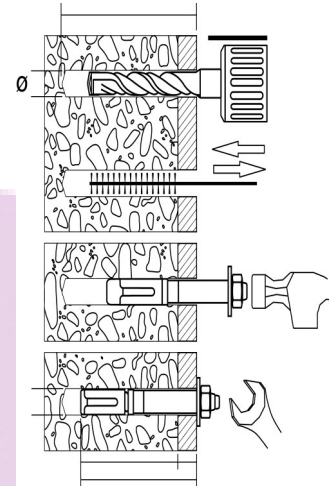
TBZCE- APPROVED THROUGHBOLT BZP

Pre-assembled with nut and washer

Ideal for use where extended corrosion resistance is required,
water and sewage treatment plants, curtain walling, balustrades,
racking, bracketry for services, safety fences and hand rails.



Size d x Lt	Code	Price Per 100	Tfix	do	h1	hnom	hmin	scr	Tinst Nm	Nrec kN	VreckN	Box Qty
M6x67	TBZCE06067		10	6	45	38	100	120	8	4.1	2.9	100
M6x97	TBZCE06097		50	6	45	38	100	120	8	4.1	2.9	100
M8x75	TBZCE08075		19	8	55	46	100	132	15	5.7	6.3	100
M8x100	TBZCE08100		44	8	55	46	100	132	15	5.7	6.3	100
M8x120	TBZCE08120		64	8	55	46	100	132	15	5.7	6.3	100
M10x95	TBZCE10095		26	10	65	54	100	144	30	7.6	8	50
M10x125	TBZCE10125	£182.25	56	10	65	54	100	144	30	7.6	8	50
M10x145	TBZCE10145		76	10	65	54	100	144	30	7.6	8	50
M10x175	TBZCE10175		106	10	65	54	100	144	30	7.6	8	50
M12x95	TBZCE12095		13	12	80	70	130	195	50	12.6	14.3	25
M12x105	TBZCE12105		25	12	80	70	130	195	50	12.6	14.3	25
M12x125	TBZCE12125		45	12	80	70	130	195	50	12.6	14.3	25
M12x145	TBZCE12145		65	12	80	70	130	195	50	12.6	14.3	25
M12x160	TBZCE12160		80	12	80	70	130	195	50	12.6	14.3	25
M12x180	TBZCE12180		100	12	80	70	130	195	50	12.6	14.3	25
M12x200	TBZCE12200	£445.50	120	12	80	70	130	195	50	12.6	14.3	25
M16x130	TBZCE16130		28	16	90	80	170	246	100	17.8	23.6	20
M16x150	TBZCE16150	£490.05	48	16	90	80	170	246	100	17.8	23.6	20
M16x180	TBZCE16180		78	16	90	80	170	246	100	17.8	23.6	20
M16x200	TBZCE16200		98	16	90	80	170	246	100	17.8	23.6	20
M16x220	TBZCE16220		118	16	90	80	170	246	100	17.8	23.6	20
M20x150	TBZCE20150		27	20	110	98	200	300	200	24	37.1	10
M20x180	TBZCE20180		57	20	110	98	200	300	200	24	37.1	10
M20x205	TBZCE20205		82	20	110	98	200	300	200	24	37.1	10
M20x240	TBZCE020240		117	20	110	98	200	300	200	24	37.1	10



Tfix	Thickness of fixture (mm)
Lt	Total anchor length (mm)
Lf	Threaded Length (mm)
d	Anchor Thread Diameter (mm)
do	Drill hole diameter (mm)
h1	Depth of drilled hole deep point (mm)
hnom	Anchor Embedment depth (mm)
hmin	Minimum structural thickness (mm)
Nrec	Recommended tensile Load (kN)
Vreck	Recommended shear Load (kN)

*Sizes not covered by European Technical Approval

Recommended loads for cracked concrete available.

All dimensions in mm, unless otherwise stated.