

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.

TBZ-THROUGHBOLT BZP

Pre-assembled with nut and washer

Ideal for Curtain walling, balustrades, fabricated staircases, wall and sole plates, holding down machinery, 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	Outer
M6x40	TBZ06040	£45.36	2	6	35	30	100	75	7	3.06	2.97	200	1000
M6x65	TBZ06065	£48.76	7	6	55	50	100	120	7	4	2.97	150	750
M6x100	TBZ06100	£52.16	42	6	55	50	100	120	7	4	2.97	100	500
M8x50	TBZ08050	£62.37	5	8	40	35	100	75	20	2.7	2.7	100	500
M8x75	TBZ08075	£74.84	5	8	65	60	100	144	20	5.82	5.42	50	250
M8x100	TBZ08100	£79.38	30	8	65	60	100	144	20	5.82	5.42	50	250
M8x120	TBZ08120	£89.59	50	8	65	60	100	144	20	5.82	5.42	50	250
M10x60	TBZ10060	£83.92	7	10	50	40	100	120	35	5.16	6.19	50	250
M10x80	TBZ10080	£91.85	2	10	50	67	110	165	35	6.47	8.56	50	250
M10x100	TBZ10100	£98.66	20	10	70	67	110	165	35	6.47	8.56	25	125
M10x125	TBZ10125	£114.53	46	10	70	67	110	165	35	6.47	8.56	25	125
M10x150	TBZ10150	£121.34	70	10	70	67	110	165	35	6.47	8.56	25	125
M12x75	TBZ12075	£125.87	5	12	60	55	100	130	60	5.75	6.9	25	125
M12x100	TBZ12100	£139.48	15	12	75	70	120	175	60	10.11	12	25	125
M12x125	TBZ12125	£168.97	33	12	85	77	130	195	60	10.11	12	25	125
M12x150	TBZ12150	£187.11	58	12	85	77	130	195	60	10.11	12	25	125
M12x180	TBZ12180	£240.41	88	12	85	77	130	195	60	10.11	12	25	125
M16x110	TBZ16110	£264.22	10	16	95	85	110	150	120	6.99	8.39	10	50
M16x130	TBZ16130	£320.92	10	16	110	104	168	252	120	14.16	22.37	10	50
M16x150	TBZ16150	£358.34	30	16	110	104	168	252	120	14.16	22.37	10	50
M16x180	TBZ16180	£413.91	60	16	110	104	168	252	120	14.16	22.37	5	25
M20x130	TBZ20130	£520.51	5	20	115	100	145	225	240	12.2	29.27	5	25
M20x170	TBZ20170	£637.31	25	20	135	125	206	309	240	20.23	32.79	5	25
M20x220	TBZ20220	£754.11	75	20	135	125	206	309	240	20.23	32.79	5	25
M20x280	TBZ20280	£909.47	135	20	135	125	206	309	240	20.23	32.79	5	25

All dimensions in mm, unless otherwise stated.

THROUGHBOLT SETTING TOOL

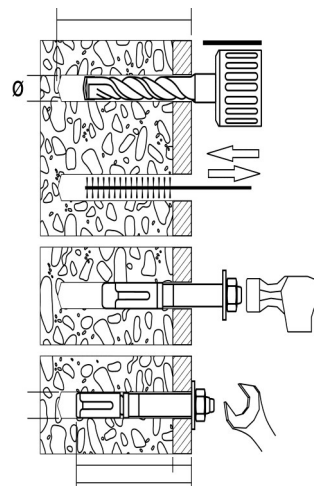
For use with SDS+ Hammer Drill



For fast and easy installation of through bolts using the hammer action of the SDS+ drilling machine.

Size	Code	Price each	Description
TBZ 6-10	STTBZS	£17.01	For Throughbolts M6-M10
TBZ 12-20	DTTBZL	£22.68	For Throughbolts M12-M20

Recommended loads in Concrete C20/25 for full embedment.



- 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 drill hole deep point (mm)
- hnom Anchor Embedment depth (mm)
- hmin Minimum structural thickness (mm)
- Nrec Recommended tensile Load (kN)
- Vreck Recommended shear Load (kN)