

# THROUGHBOLTS

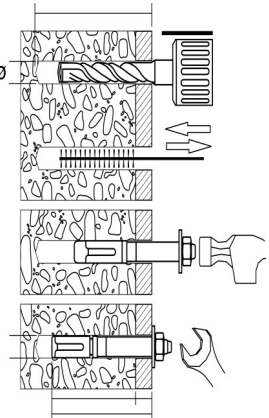
## TBGCE– HOT DIPPED GALVANISED THROUGHBOLT

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
M10x60*	TBGCE10060	£142.88	10	10	50	40	100	126	30	6.5	6.5	50
M10x85	TBGCE10085	£172.37	10	10	70	62	100	144	30	7.6	8	50
M10x105	TBGCE10105	£190.51	30	10	70	62	100	144	30	7.6	8	50
M10x120	TBGCE10120	£197.32	45	10	70	62	100	144	30	7.6	8	50
M12x75*	TBGCE12075	£255.15	5	12	65	55	100	150	40	8.5	8.5	25
M12x95	TBGCE12095	£221.13	13	12	90	67	100	150	40	8.5	8.5	25
M12x125	TBGCE12125	£379.75	30	12	90	82	130	195	40	12.6	14.3	25
M12x145	TBGCE12145	£428.51	50	12	90	82	130	195	40	12.6	14.3	25
M16x115	TBGCE16115	£530.71	13	16	95	84	130	192	90	17.8	23.6	20
M16x130	TBGCE16130	£570.78	10	16	110	102	170	246	90	17.8	23.6	20
M16x150	TBGCE16150	£610.09	30	16	110	102	170	246	90	17.8	23.6	20
M20x180	TBGCE20180	£1,382.35	35	20	130	121	200	300	120	24	37.1	10
M20x205	TBGCE20205	£1,569.46	60	20	130	121	200	300	120	24	37.1	10
M20x240	TBGCE20240	£1,757.70	95	20	130	121	200	300	120	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)

\*Not Part of Approval

Range not covered by European Technical Approval

All dimensions in mm, Unless otherwise stated

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