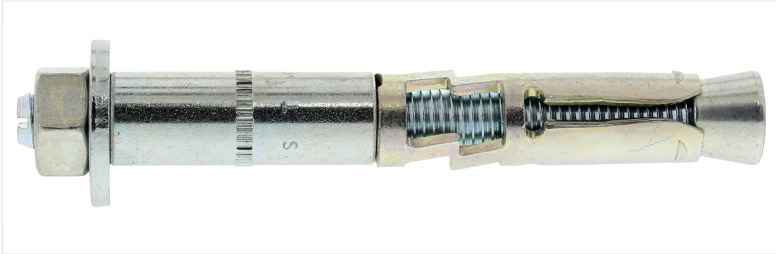


TRIGA Z XTREM -E

PRODUCT DESCRIPTION

- Cracked concrete & seismic applications

PRODUCT PROMISE

Highly approved anchor for assurance and performance in high load, safety critical applications

FEATURES AND BENEFITS

- ETA Option 1 for cracked and non-cracked concrete
- M10 to M16 approved for C1 and C2 seismic applications
- Sleeved through bolt anchor for very high shear loads
- Patented all-steel Z shape collapse system ensures clamping pressure and anti-rotation
- 100% steel components - better fire resistance
- Internal cone expansion - no anchor displacement when setting
- 3 possible heads (stud, nut, countersunk) for versatile, perfect finishing

APPROVALS



APPLICATIONS

- Steel construction
- Heavy HVAC
- Nuclear application
- Infrastructure & civil engineering e.g. bridges
- Airports

SUBSTRATES



PRODUCT RANGE

Item Description ▲▼	Anchor Thread Diameter (Metric) ▲▼	Anchor Length ▲▼	Min. Drilling Depth ▲▼	Drill Hole Diameter ▲▼	Max. Fixing Thickness ▲▼	Setting Torque (Nm) ▲▼	Clearance Diameter ▲▼	Approval Options ▲▼	First Packaging Unit (Smallest Selling Unit) ▲▼	Product Code ▲▼
M8 x 99mm Nut ZP	M8	99 mm	80 mm	12 mm	20 -	25 N-m	14 mm	Cracked concrete (Option 1)	CARDBOARD BOX	050681
M8 x 134mm Nut ZP	M8	134 mm	80 mm	12 mm	55 -	25 N-m	14 mm	Cracked concrete (Option 1)	CARDBOARD BOX	050684
M8 x 174mm Nut ZP	M8	174 mm	80 mm	12 mm	95 -	25 N-m	14 mm	Cracked concrete (Option 1)	CARDBOARD BOX	050685
M10 x 114mm Nut ZP	M10	114 mm	90 mm	15 mm	20 -	50 N-m	17 mm	Cracked concrete (Option 1)	CARDBOARD BOX	050691
M10 x 129mm Nut ZP	M10	129 mm	90 mm	15 mm	35 -	50 N-m	17 mm	Cracked concrete (Option 1)	CARDBOARD BOX	050692
M10 x 149mm Nut ZP	M10	149 mm	90 mm	15 mm	55 -	50 N-m	17 mm	Cracked concrete (Option 1)	CARDBOARD BOX	050693
M12 x 132mm Nut ZP	M12	132 mm	105 mm	18 mm	25 -	80 N-m	20 mm	Cracked concrete (Option 1)	CARDBOARD BOX	050698
M12 x 152mm Nut ZP	M12	152 mm	105 mm	18 mm	45 -	80 N-m	20 mm	Cracked concrete (Option 1)	CARDBOARD BOX	050699
M12 x 172mm Nut ZP	M12	172 mm	105 mm	18 mm	65 -	80 N-m	20 mm	Cracked concrete (Option 1)	CARDBOARD BOX	050701
M12 x 207mm Nut ZP	M12	207 mm	105 mm	18 mm	100 -	80 N-m	20 mm	Cracked concrete (Option 1)	CARDBOARD BOX	050702
M16 x 159mm Nut ZP	M16	159 mm	131 mm	24 mm	25 -	120 N-m	26 mm	Cracked concrete (Option 1)	CARDBOARD BOX	050706
M16 x 189mm Nut ZP	M16	189 mm	131 mm	24 mm	55 -	120 N-m	26 mm	Cracked concrete (Option 1)	CARDBOARD BOX	050707

Item Description ▲▼	Anchor Thread Diameter (Metric) ▲▼	Anchor Length ▲▼	Min. Drilling Depth ▲▼	Drill Hole Diameter ▲▼	Max. Fixing Thickness ▲▼	Setting Torque (Nm) ▲▼	Clearance Diameter ▲▼	Approval Options ▲▼	First Packaging Unit (Smallest Selling Unit) ▲▼	Product Code ▲▼
M16 x 234mm Nut ZP	M16	234 mm	131 mm	24 mm	100 -	120 N-m	26 mm	Cracked concrete (Option 1)	CARDBOARD BOX	050708
M20 x 192mm Nut ZP	M20	192 mm	157 mm	28 mm	25 -	200 N-m	31 mm	Cracked concrete (Option 1)	CARDBOARD BOX	050712
M20 x 227mm Nut ZP	M20	227 mm	157 mm	28 mm	60 -	200 N-m	31 mm	Cracked concrete (Option 1)	CARDBOARD BOX	050713
M20 x 267mm Nut ZP	M20	267 mm	157 mm	28 mm	100 -	200 N-m	31 mm	Cracked concrete (Option 1)	CARDBOARD BOX	050714

RECOMMENDED LOADS

Anchor Length ▲▼	Anchor Shear Recommended Load Cracked Concrete C20/25 ▲▼	Anchor Shear Recommended Load Non Cracked Concrete C20/25 ▲▼	Anchor Tensile Recommended Load Cracked Concrete C20/25 ▲▼	Anchor Tensile Recommended Load Non Cracked Concrete C20/25 ▲▼
99 mm	10.86 kN	10.86 kN	5.71 kN	9.5 kN
114 mm	17.71 kN	17.71 kN	7.57 kN	14.07 kN
129 mm	17.71 kN	17.71 kN	7.57 kN	14.07 kN
132 mm	27.07 kN	27.07 kN	12.29 kN	17.14 kN
134 mm	10.86 kN	10.86 kN	5.71 kN	9.5 kN
149 mm	17.71 kN	17.71 kN	7.57 kN	14.07 kN
152 mm	27.07 kN	27.07 kN	12.29 kN	17.14 kN
159 mm	53.21 kN	53.21 kN	17.14 kN	24 kN
172 mm	27.07 kN	27.07 kN	12.29 kN	17.14 kN
174 mm	10.86 kN	10.86 kN	5.71 kN	9.5 kN
189 mm	53.21 kN	53.21 kN	17.14 kN	24 kN
192 mm	62.79 kN	62.79 kN	23.93 kN	33.57 kN
207 mm	27.07 kN	27.07 kN	12.29 kN	17.14 kN
227 mm	62.79 kN	62.79 kN	23.93 kN	33.57 kN
234 mm	53.21 kN	53.21 kN	17.14 kN	24 kN
267 mm	62.79 kN	62.79 kN	23.93 kN	33.57 kN