

Shield Anchor Zinc And Yellow Passivated

Product group: **0865**

Expanding Shield Anchor.

Suitable for use in concrete, concrete blocks, bricks and some natural stone.



Loose Bolt



Projecting Bolt



Shield Only



Hook Bolt



Eye Bolt

		M6	M8	M10	M12	M16
Thread Diameter	mm	6	8	10	12	16
Drill Hole Diameter	mm	12	14	16	20	25
Clearance Hole Diameter	mm	7	9	12	14	18
Min.Hole Depth	mm	50	55	65	85	110
Minimum Embedment Depth	mm	40	50	60	80	100
Bolt Ultimate Tensile Strength	N/mm ²	800	800	800	800	800
Bolt Yield Strength	N/mm ²	640	640	640	640	640
Stud Ultimate Tensile Strength	N/mm ²	400	400	400	400	400
Stud Yield Strength	N/mm ²	240	240	240	240	240
Nut/Bolt Dimension A/F	mm	10	13	17	19	24
Eye Diameter	mm	10	11	14	16	
Hook Diameter	mm	8	10	12	16	
Recommended Tightening Torque	Nm	6	14	27	46	110
Recommended Tensile Load	kN	2.8	4.9	7.8	11	18.8
Recommended Shear Load	kN	1.9(2.4)	3.5(4.4)	5.6(7.0)	8.1(10.1)	15(18.8)
Minimum Spacing	mm	140	150	180	230	330
Minimum Edge Distance	mm	70	75	90	120	170

(figures in brackets are for projecting bolts)

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The shield anchor is an all steel 4 way expanding shield anchor available in Loose Bolt, Projecting Bolt and Shield only. It is also available with a Forged Hook or eye for static rope or wire restraints.

Please note they should not be used for Personal Safety Restraint Anchorage

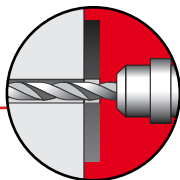
Installation:

Substrate = Concrete

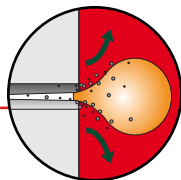
1. Drill your hole to the correct diameter
2. Tap in anchor
3. Insert shield anchor into the hole
4. Tighten to recommended tightening torque

Installation:

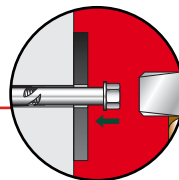
Steel Pipe Support Brackets
Water tank brackets
Industrial boilers
Satellite dishes
CCTV Cameras
Fence Post Base Plates
Gates
Fire Escapes
Handrails
Racking
Conveyor Belts



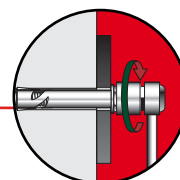
Drill your hole to the correct diameter...



...clear any debris...



...insert Sleeve Anchor into hole through fixture...



...tighten to recommended tightening torque