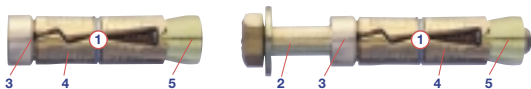


RAWL® Rawlbolt® Shield Anchor Loose Bolt

CONCRETE,
BRICKWORK & STONE



- 1** All steel assembly for maximum performance
- 2** Bolt lengths suitable for fixture thickness up to 150mm
- 3** Ferrule marked with hole diameter to ensure correct installation
- 4** Pressed steel segments ensure consistent dimensional accuracy and positive expansion
- 5** Optimum taper nut geometry for maximum expansion in all substrates

Product Data

The Rawlbolt® Shield Anchor is the world's most popular torque controlled expanding shield anchor, combining ease of installation with good load carrying capacity.

All steel assembly differentiates the Rawlbolt® from other alloy based shield anchors.

It is the ideal general purpose anchor bolt, having higher degrees of expansion than other types of expansion anchor and excellent tolerance to variations in hole sizes. The collapsible ferrule ensures positive clamping force is transmitted to the fixture.

All steel assembly differentiates the Rawlbolt from other alloy based shield anchors.

The expansion shield is available without the bolt for customised applications.

Available in:

Yellow Passivated Zinc Plated Steel

Typical Applications:

Roller Shutter Doors Security Grilles
Fire Doors Machinery
Steelwork Pipework/Ductwork Support

Approvals:

The Rawlbolt® anchor is approved by major UK and International Independent approval bodies.



Rawlbolt® Shield Anchor: Loose Bolt

REFERENCE	BOLT SIZE	BOLT LENGTH (mm)	SHIELD LENGTH (mm)	FIXTURE THICKNESS (mm)		HOLE DIAMETER (mm)		MINIMUM HOLE DEPTH (mm)	MINIMUM SUBSTRATE THICKNESS (mm)	RECOMMENDED TORQUE (Nm)		PRODUCT CODE
				MAXIMUM (mm)	MINIMUM (mm)	IN FIXTURE	IN SUBSTRATE			30N/mm ² CONCRETE	20.5N/mm ² BRICKWORK	
M6 10L M6 25L M6 40L	M6	55 70 85	45	10 25 40	0	6.5	12	50	70	6.5	5.0	44-015 44-020 44-025
M8 10L M8 25L M8 40L	M8	65 80 95	50	10 25 40	0	9.0	14	55	80	15	7.5	44-055 44-060 44-065
M10 10L M10 25L M10 50L M10 75L	M10	75 90 115 140	60	10 25 50 75	0	11	16	65	100	27	13	44-105 44-110 44-115 44-120
M12 10L M12 25L M12 40L M12 60L	M12	90 105 120 140	75	10 25 40 60	0	13	20	85	120	50	23	44-155 44-160 44-165 44-170
M16 15L M16 30L M16 60L	M16	135 150 180	115	15 30 60	0 10 30	17	25	125	190	120	-	44-205 44-210 44-215
M20 60L M20 100L	M20	195 235	130	60 100	25 60	22	32	140	220	230	-	44-255 44-260
M24 100L M24 150L	M24	255 300	150	100 150	25 100	26	38	160	240	400	-	44-305 44-310