

RAWL® Rawlbolt® Shield Anchor Bolt Projecting

CONCRETE,
BRICKWORK & STONE



- 1 All steel assembly for maximum performance
- 2 Provides a projecting stud to support fixture thicknesses during installation and removal up to 120mm
- 3 Ferrule marked with hole diameter to ensure correct installation
- 4 Pressed steel segments ensure consistent dimensional accuracy and positive friction expansion
- 5 Optimum taper angle for maximum expansion in all substrates, plus unique anti-rotation fins to prevent shield spinning

Product Data

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

The Rawlbolt® Shield Anchor 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 a positive clamping force is transmitted to the fixture. Expansion shield is available without the bolt. Where cracked concrete may exist an alternative innovative Rawlbolt® Shield Anchor is available.

Available in:

Yellow Passivated Zinc Plated Steel

Typical Applications:

Roller Shutter Doors	Security Grilles	Steelwork
Fire Doors	Machinery	Barriers
Wall Plates	Signs	Fencing

Approvals:

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



Rawlbolt® Shield Anchor: Bolt Projecting

REFERENCE	BOLT SIZE	BOLT LENGTH (mm)	SHIELD LENGTH (mm)	FIXTURE THICKNESS (mm)		HOLE DIAMETER (mm)		MINIMUM BOLT DEPTH (mm)	MINIMUM SUBSTRATE THICKNESS (mm)	RECOMMENDED TORQUE (Nm)		PRODUCT CODE
				MAXIMUM (mm)	MINIMUM (mm)	IN STRUCTURE	IN FIXTURE			30N/mm ² CONCRETE (N _{inst})	20.5N/mm ² CONCRETE (N _{inst})	
				(T _{fix})	(T _{fix})	(d _p)	(d _p)			(b _o)	(b _{min})	
M6 10P M6 25P M6 60P	M6	65 80 115	45	10 25 60	0	12	6.5	50	70	6.5	5.0	44-505 44-510 44-515
M8 10P M8 25P M8 60P	M8	75 90 125	50	10 25 60	0	14	9.0	55	80	15	7.5	44-555 44-560 44-565
M10 15P M10 30P M10 60P	M10	90 105 135	60	15 30 60	0	16	11	65	100	27	13	44-605 44-610 44-615
M12 15P M12 30P M12 75P	M12	110 125 170	75	15 30 75	0	20	13	85	120	50	23	44-655 44-660 44-665
M16 15P M16 35P M16 75P	M16	150 170 210	115	15 35 75	0 10 35	25	17	125	190	120	-	44-705 44-710 44-715
M20 15P M20 30P M20 100P	M20	170 185 255	130	15 30 100	0 10 30	32	22	140	220	230	-	44-755 44-760 44-765
M24 75P M24 120P	M24	255 300	150	75 120	0 75	38	26	160	240	400	-	44-805 44-810