

IKA SHIELD ANCHOR EYE BOLT FOR CONCRETE, BRICKWORK & STONE



Product Information



DESCRIPTION

Suitable for temporary or permanent anchorage.
Supplied complete with shield, washer and hex nut.
Must not be used for safety harness applications or for lifting where shock load could be applied.

SUITABLE FOR USE IN:

Concrete
Brickwork
Stone.

IKA Shield Anchor Eye Bolt

REFERENCE	BOLT SIZE	SHIELD LENGTH (mm)	OVERALL LENGTH (mm)	HOLE DIAMETER IN STRUCTURE (mm)	MINIMUM HOLE DEPTH (mm)	EFFECTIVE EMBEDMENT DEPTH (mm)	APPROXIMATE DIAMETER IN EYE (mm) <i>d</i>	RECOMMENDED TORQUE (Nm)	
								30N/mm ² CONCRETE	20.5N/mm ² BRICKWORK
M6E	M6	45	73	12	50	35	10	6.5	5
M8E	M8	50	87	14	55	40	12	15	7.5
M10E	M10	60	108	16	65	50	14	27	13
M12E	M12	75	130	20	85	60	17	50	23

Specification Data (Concrete Only)

Warning: While the loads offered by the IKA Shield will not be compromised, the standard Hook and Eye Bolts assembled with them are formed from mild steel. They are definitely not recommended for high load or safety-critical applications and should NOT be used for these applications. Higher loads can be accommodated in our Eye Bolt range of sizes with Forged Eyes and Welded Eyes combined with IKA Shields. Please note that loads will vary dramatically depending on the direction of the load from pure tensile to pure shear. Care should be taken when installing any anchor that they are not over-torqued. Please contact us on 086 100 7295 for further advice on higher load applications.

SIZE	MAX. STATIC LOAD (kN) WITH STANDARD EYE/HOOK
M8	0.6
M10	1.2
M12	1.7
M16	2.3

CONCRETE 30N/mm (C20/25)