

37.1 GENERAL INFORMATION

PERFORMANCE RELATED	MATERIAL	INSTALLATION RELATED

Product

The RamPlug™ Anchor is a light duty, rotation setting interference fit anchor.

Benefits, Advantages and Features

Fast and easy to install:

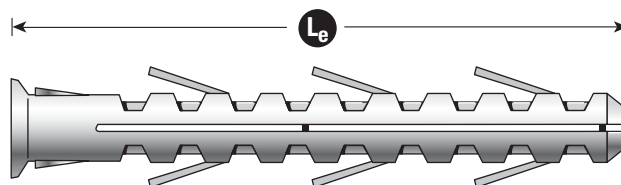
- Anchor simply hammered in and screw inserted with a screwdriver.

Convenient:

- Collar ensures anchor sits flush with fixture surface.

Versatile:

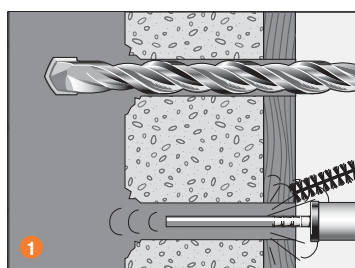
- Anchor accepts many types of screw.



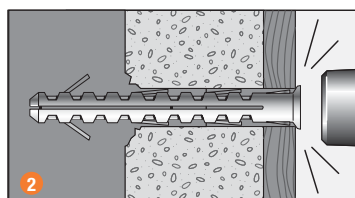
Principal Applications into Brick and Block

- Electrical fittings

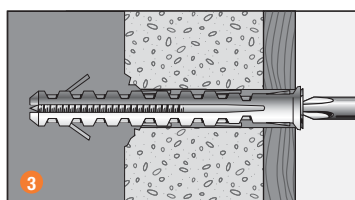
Brick & Block Anchoring



1. Drill hole to correct diameter and depth using the fixture as a template. Clean thoroughly with brush. Remove debris by way of vacuum or hand pump, compressed air etc.



2. For long or ultralong RamPlug™ insert the RamPlug™ into hole until flush with the surface of the fixture. For standard RamPlug™ insert the RamPlug™ into the hole until flush with the surface of the substrate.



3. Insert screw into the RamPlug™. Tighten with screwdriver. Note:
 - (1) For standard RamPlug™ Screw length = length of Ramplug™ + thickness of fixture
 - (2) For long RamPlug™ Screw length = length of Ramplug™ + thickness of fixture
 - (3) Ultra long plugs supplied with screw.

Installation and Working Load Limit performance details

Anchor	Anchor size, d _b (mm)	Installation details			Working Load Limit (kN)							
		Drilled hole diameter, d _h (mm)	Fixture hole diameter, d _f (mm)	Anchor effective depth, h (mm)	Solid Brick		3 Hole Brick		10 Hole Brick		Concrete Block	
					Shear, V _a	Tension, N _a	Shear, V _a	Tension, N _a	Shear, V _a	Tension, N _a	Shear, V _a	Tension, N _a
DNP05	5	5	6	25	0.40	0.30	0.40	0.20	0.70	0.16	0.40	0.13
DNP06	6	6	7	30	0.80	0.50	0.80	0.25	0.80	0.20	0.80	0.17
DNP07	7	7	7	30	1.10	0.65	1.10	0.32	0.80	0.25	1.10	0.18
DNP08	8	8	8	40	1.30	0.80	1.30	0.35	0.80	0.28	1.30	0.18
DNP10	10	10	9	50	2.40	1.10	1.90	0.45	0.80	0.36	1.90	0.19
DNP12	12	12	12	60	3.00	1.50	2.20	0.55	0.90	0.44	2.20	0.22
DLP08	8	8	8	70	1.30	0.80	Performance to be determined.					
DLP10	10	10	9	70	2.40	1.10						
DUP10080	10	10	9	70	2.40	0.60						
DUP10100	10	10	9	70	2.40	0.60						
DUP10135	10	10	9	70	2.40	0.60						
DUP10160	10	10	9	70	2.40	0.60						

37.2 DESCRIPTION AND PART NUMBERS

Anchor size, d _b (mm)	Effective length, L _e (mm)	Part No.			
		Standard	Long	Ultra Long - C/S Pozi*	Ultra Long - Hex Head
5	25	DNP05	–	–	–
6	30	DNP06	–	–	–
7	30	DNP07	–	–	–
8	40	DNP08	–	–	–
	80	–	DLP08	–	–
10	50	DNP10	–	–	–
	80	–	DLP10	DUP10080F	DUP10080H
	100	–	–	DUP10100F	DUP10100H
	135	–	–	DUP10135F	DUP10135H
	160	–	–	DUP10160F	DUP10160H
12	60	DNP12	–	–	–

* No. 3 Pozi Bit.