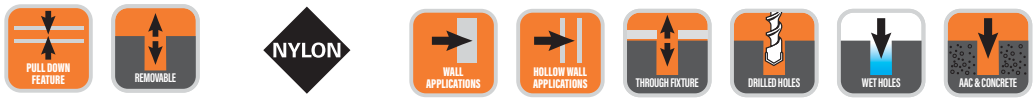
RAMPLUG™

PERFORMANCE	MATERIAL	INSTALLATION RELATED



Description

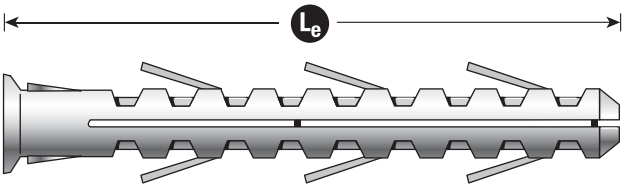
The RamPlug™ Anchor is a light duty, rotation setting interference fit anchor.

Recommended Uses

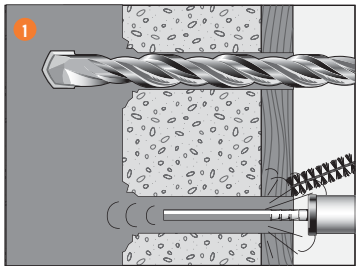
- Electrical Fittings
- Lightweight steel
- Timber
- These anchors are not recommended for structure critical applications and are typically used for simple fixing and finishing applications.

Features

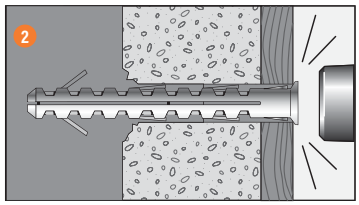
- Fast and easy to install: Anchor simply hammered in and screw inserted with a screwdriver.
- Convenient: Collar ensures anchor sits flush with fixture surface.
- Versatile: Anchor accepts many types of screw.



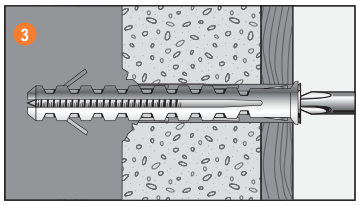
Installation



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.

RAMPLUG™

Installation and Working Load Limit performance details Description

Anchor	Anchor size, d_b (mm)	Installation details			Minimum dimensions			Working Load Limit (kN)		
		Drilled hole diameter, d_h (mm)	Fixture hole diameter, d_f (mm)	Anchor effective depth, h (mm)	Edge distance, e_c (mm)	Anchor spacing, a_c (mm)	Substrate thickness, b_m (mm)	Shear, V_a	Tension, N_a Conc. compressive strength, f'c	
									20 MPa	40 MPa
DNP05	5	5	6	25	20	30	50	0.40	0.30	0.30
DNP06	6	6	7	30	24	36	55	0.80	0.50	0.50
DNP08	8	8	8	40	32	48	65	1.30	0.80	0.80
DNP10	10	10	9	50	40	60	75	2.40	1.20	1.20
DNP12	12	12	12	60	48	72	85	3.00	1.80	1.80
DLP06	6	6	7	30	24	36	85	0.40	0.35	0.35
DLP08	8	8	8	70	32	48	105	0.80	0.45	0.45
DLP10	10	10	9	70	40	60	105	1.10	0.55	0.55
DUP10080	10	10	9	70	40	60	105	2.40	0.80	0.80
DUP10100	10	10	9	70	40	60	125	2.40	0.80	0.80
DUP10135	10	10	9	70	40	60	160	2.40	0.80	0.80
DUP10160	10	10	9	70	40	60	185	2.40	0.80	0.80

Description and Part Numbers

Anchor Size (mm)	Effective length (mm)	Part No.									
		Standard		Long		Ultra Long - C/S ZINC*		Ultra Long Hex Head ZINC*		Ultra Long Hex Head GAL*	
5	25	DNP05	DNP05/50	–	–	–	–	–	–	–	–
			R720016	–	–	–	–	–	–	–	–
6	30	DNP06	DNP06/30	–	–	–	–	–	–	–	–
			R720023	–	–	–	–	–	–	–	–
			R467393**	–	–	–	–	–	–	–	–
	60	–	–	DLP06	DLP0630	–	–	–	–	–	–
		–	–		R934634	–	–	–	–	–	–
8	40	DNP08	DNP08/20	–	–	–	–	–	–	–	–
			R720054	–	–	–	–	–	–	–	–
	80	–	–	DLP08	DLP08/30	–	–	–	–	–	–
		–	–		R934658	–	–	–	–	–	–
10	50	DNP10	DNP10/20	–	–	–	–	–	–	–	–
			R934610	–	–	–	–	–	–	–	–
	80	–	–	DLP10	DLP10/20	DUP10080F	DUP10080F/10	DUP10080H	DUP10080H/10	DUP10080GH	DUP10080GH/10
		–	–		R935051		R934665		R934702		R936737
	100	–	–	–	–	DUP10100F	DUP10100F/10	DUP10100H	DUP10100H/10	DUP10100GH	DUP10100GH/10
		–	–	–	–		R934672		R934719		R936751
	135	–	–	–	–	DUP10135F	DUP10135F/8 –	DUP10135H	DUP10135H/8	DUP10135GH	DUP10135GH/8
		–	–	–	–				R934726		R936768
	160	–	–	–	–	–	–	DUP10160H	DUP10160H/8	DUP10160GH	DUP10160GH/8
		–	–	–	–	–	–		–		R936775
12	60	DNP12	DNP12/15	–	–	–	–	–	–	–	–
			R934627	–	–	–	–	–	–	–	–

*Screw Coating **Comes with Hook

For further information, please contact Ramset™

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