

WALL DOG

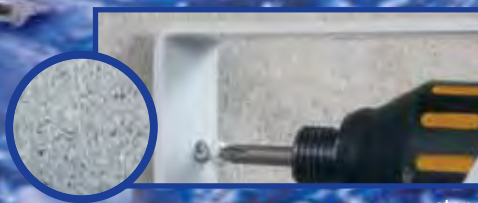
WALL DOG



UNIVERSAL ANCHOR



plasterboard



stone



concrete



brick



wood

Powers



Wall-Dog is installed direct through the fixture

Patented thread ensures quick installation in a 5mm pre-drilled hole with great load values.

Wall-Dog is easy to install with a Phillips screwdriver in wood, concrete, plasterboard, stone and brick

WALL DOG



Wall-Dog



Part No.	Description	mm	mm	mm	qty	qty
02316	Pan Head Chrome	5	20	38	100	2000
49097	Wall Dog Counter Demo Unit				1	

The Powers Wall-Dog™ is the industry's first all steel one-piece screw anchor, which features high-profile threads for easy fastening into wallboard and other masonry base materials. Its deep cutting, corkscrew-like threads provide for smooth entry and a powerful hold, and when removed the Wall-Dog leaves a much smaller hole than toggles or other systems. For fastening into wallboard or wood, no pre-drilling is required, the anchor is inserted through the fixture and screwed in with an ordinary Phillips® screwdriver. Fastening into concrete, hollow or grout filled block, brick and plaster requires a pre-drilled 5mm hole. Powers Wall-Dog anchors are ideal for light to medium duty anchoring. Typical applications include lightweight fixtures, drapery supports, as well as electrical, telephone and cable accessories.



Features and benefits

- Installs in wallboard, plywood, concrete, hollow or grout filled block, brick and plaster
- No second step, installs directly through fixture into wallboard
- Patented design provides for smooth entry, clean cutting and a powerful hold
- Thread design prevents spinning and stripping
- Heat treated point penetrates metal and wood studs
- When removed it leaves a much smaller hole than toggles or other systems
- Self-drills own small hole in wallboard
- Installs quickly and easily with a Phillips® screwdriver
- Can be easily backed-out
- All steel anchor
- No hole spotting

Applications

- Electrical Fixtures
- Thermostats
- HVAC Fixtures
- Plumbing Fixtures
- Bathroom Accessories
- Shelving and Supports
- Mirrors & Picture Frames
- Brackets
- Plaques and Awards
- Closet Organizers
- Coat Racks
- Curtain Rods
- Signs & Bulletin Boards
- Bulletin Boards
- Control Systems
- Decorative Wall Hangings
- Office Material Holders
- Smoke Detectors
- Clocks & Doorbells
- Kitchen Accessories
- Telecommunications Equipment
- Chalk Boards
- Remote Control Boxes

Installation instructions



For fixing in concrete, stone or brick pre-drill with a 5mm drill bit.



For fixing in plasterboard or wood, no pre-drilling is required. The anchor is screwed directly through the fixture with a Phillips screwdriver.

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Wall-Dog performance data

Ultimate load capacities in Plasterboard and Plywood with no pre-drilling

ANCHOR DIAMETER mm	13MM PLASTERBOARD TENSION kN	13MM PLASTERBOARD SHEAR kN	16MM PLASTERBOARD TENSION kN	16MM PLASTERBOARD SHEAR kN	13MM PLYWOOD TENSION kN	13MM PLYWOOD SHEAR kN
6.5	0.2	0.6	0.2	0.6	1.1	2.7

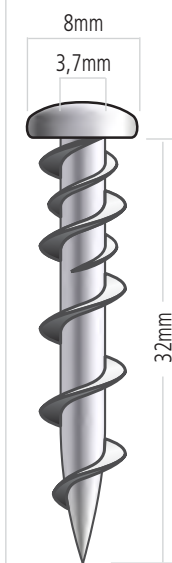
Ultimate load capacities in Concrete with 5mm pre-drilled hole

ANCHOR DIAMETER mm	EMBEDMENT DEPTH mm	MINIMUM CONCRETE COMPRESSION STRENGTH 32 MPa	SHEAR kN	TENSION kN
6.5	20		1.6	4.6
6.5	25		3.2	4.8

Ultimate load capacities in Grout Filled & Hollow Concrete Masonry & Structural Brick with 5mm pre-drilled hole

ANCHOR DIAMETER mm	EMBED. DEPTH mm	ANCHOR LOCATION	GROUT FILLED BLOCK TENSION kN	GROUT FILLED BLOCK SHEAR kN	HOLLOW BLOCK TENSION kN	HOLLOW BLOCK SHEAR kN	STRUCTURAL BRICK F _m =12MPa TENSION kN	STRUCTURAL BRICK F _m =12MPa SHEAR kN
6.5	20	Centre of Masonry Unit	—	—	—	—	1.8	2.9
6.5	20	T-Joint	—	—	—	—	1.6	2.7
6.5	25	Centre of Masonry Unit	1.3	3.7	1.4	3.7	2.7	4.1
6.5	25	T-Joint	1.3	3.1	1.3	4.1	1.7	3.7

Note: 4mm pre-drilled hole maybe required in some masonry materials, site test is recommended to determine suitability.



mechanical anchors

