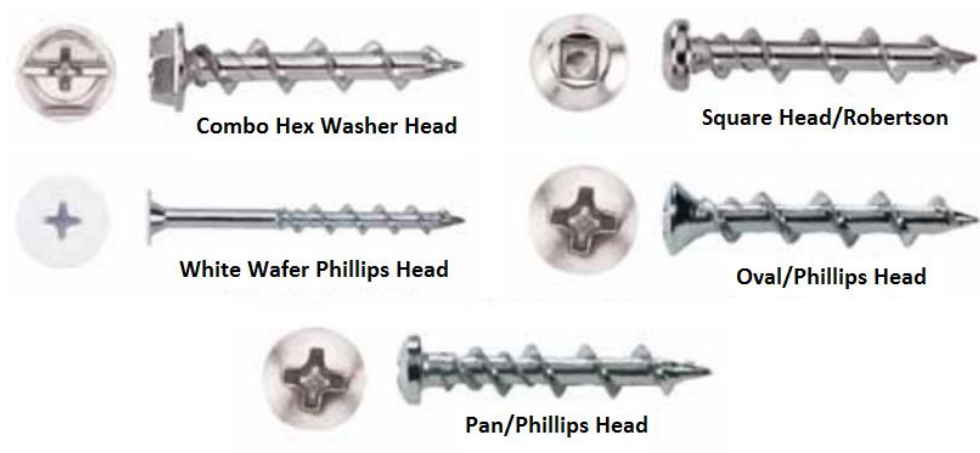


Metallics

An **AMERICAN** Source For Premier
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LIGHT DUTY WALL DOG™ ANCHORS – STEEL ZINC

The following Specification Sheet applies to all **Light Duty Wall Dog™ Anchors – Steel Zinc** in our **MWDH, MWDW, MWDS, MWDO, and MWDP series**. There are five types of Wall Dog™ Anchors available: Combo Hex Washer Head, Wafer Phillips Head, Square Pan Head (a/k/a Robertson), Oval/Phillips Head, and Pan/Phillips Head.



RECOMMENDED HOLDING STRENGTH			
ANCHOR DIAMETER in. (mm)	1/2" WALLBOARD HOLDS UP TO (LBS.)	5/8" WALLBOARD HOLDS UP TO (LBS.)	1/2" PLYWOOD HOLDS UP TO (LBS.)
1/4 (6.4)	60	75	200

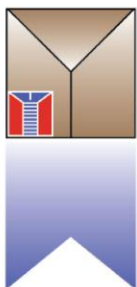
Metallics

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ULTIMATE LOAD CAPACITIES - NORMAL WEIGHT CONCRETE

ANCHOR DIAMETER in. (mm)	EMBEDMENT DEPTH in. (mm)	MINIMUM CONCRETE COMPRESSIVE STRENGTH $f'_c \geq 4000$ psi (27.6 MPa)	
		TENSION lbs. (kN)	SHEAR lbs. (kN)
1/4 (6.4)	3/4 (19.1)	350 (1.6)	1,030 (4.6)
	1 (25.4)	700 (3.2)	1,070 (4.8)

ULTIMATE LOAD CAPACITIES - GROUT FILLED AND HOLLOW CONCRETE MASONRY AND STRUCTURAL BRICK MASONRY

ANCHOR DIAMETER in. (mm)	EMBEDMENT DEPTH in. (mm)	ANCHOR LOCATION	GROUT FILLED CMU ASTM C-90 BLOCK		HOLLOW CMU ASTM C-90 BLOCK		STRUCTURAL BRICK MASONRY $f'_m \geq 1500$ psi (10.3 MPa)	
			TENSION lbs. (kN)	SHEAR lbs. (kN)	TENSION lbs. (kN)	SHEAR lbs. (kN)	TENSION lbs. (kN)	SHEAR lbs. (kN)
1/4 (6.4)	3/4 (19.1)	Center of Masonry Unit	—	—	—	—	400 (1.8)	650 (2.9)
	3/4 (19.1)	T-Joint	—	—	—	—	350 (1.6)	600 (2.7)
	1 (25.4)	Center of Masonry Unit	305 (1.4)	825 (3.7)	305 (1.4)	825 (3.7)	600 (2.7)	900 (4.1)
	1 (25.4)	T-Joint	290 (1.3)	915 (4.1)	290 (1.3)	915 (4.1)	380 (1.7)	825 (3.7)

Concrete masonry units must be a minimum Grade N, Type II units conforming to ASTM Standard C90.

Description	A one-piece screw anchor with high-profile, corkscrew-like threads which provide a smooth entry and powerful hold. When removed, Wall-Dog anchors leave a much smaller hole than other systems.
Applications/ Advantages	For fastening into wallboard or wood, no pre-drilling is required, the anchor is inserted through the fixture and screwed in. Fastening into concrete, hollow or grout-filled block, brick and plaster requires a pre-drilled 3/16" hole.
Material	Steel Zinc

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