DEFINITIONS

Minimum Embedment—Minimum depth in which the anchor must be set to function properly.

Tension Strength—Ultimate parallel load an anchor can withstand before pulling out of the base material.

Shear Strength—Ultimate perpendicular load an anchor can handle before breaking.

ANCHOR TYPES



Wedge

Fully threaded masonry with stud bolt body, split expansion ring, integral cone expander, nut, and washer. Use to fasten fixtures to a solid base material. See page 2162, 2163, 2164.



Internally threaded, shallow embedment anchors preassembled with an internal expansion plug for use in concrete. See page 2166.

Anchor Information

Sleeve

Threaded stud with an outwardly flared coneshaped end. Use to fasten steel, aluminum, wood panels, doors, framing, and shelving to concrete. See page 2165.

Expansion

Provide quick installation of lightweight fixtures in masonry and concrete. Use with lag, wood, or sheet metal screws. See page 2163.

Stud

Use to anchor pipe run supports, blowers, pumps, and support racks. Bottombearing is for jacking and leveling items. See page 2163.

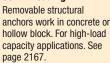
Item

Pkg.

Hammer-Drive

Nail-like devices consisting of an expander drive pin and an expansion sleeve. Used to anchor items to brick and concrete surfaces. See page 2168

Self-Threading



Masonry





For use in thin or hollow base materials like concrete block, drywall, paneling, or plaster. See pages 2168, 2170.

Drvwall

Self-drilling anchors preserve drywall integrity at installation, and stay in place while screws back out easily. See page 2170.





Anchor Accessories

Plastic Umbrella Anchor 5HE70 has a large bearing surface inside the block that provides consistent high-load capacity. For hollow-block fastening to face of concrete block, clay tile, or terra cotta.

Description	Brand	No.	Qty.
Plastic Umbrella Anchor For 1/4 to 1/2" Rod			
Fit ¾" Hole, Min. Hole Depth 3¾"	Red Head	5HE70	20
Epoxy Anchor Screen			
Stainless Steel			
Fit % in Hole, ¼ x 2 in	Red Head	4AL18	1
Fit ½ in Hole,	Red Head	4AL19	1
Fit % in Hole, ½ x 3½ in	Red Head	4AL23	1
Fit ¾ in Hole, ¾ x 4½ in	Red Head	4AL27	1
Nylon			
Fit % in Hole, ½ x 6 in	Red Head	4UJ84	1
Fit ½ in Hole, ¾ x 6 in	Red Head	4UJ86	1
Fit ½ in Hole, ¾ x 8 in	Red Head	4UJ87	1
Fit ¾ in Hole, ¾ x 6 in	Red Head	4UJ88	1
Wire Brushes			
Nylon			
½ in Hole Dia.	_	11M968	1
¾ in Hole Dia.	_	11M969	1
1 in Hole Dia.	_	11M970	1
1 ¼ in Hole Dia.	_	11M971	1
1 ½ in Hole Dia.	_	11M972	1
Steel			
3/8 in Hole Dia.	_	11M973	1
5∕s in Hole Dia.	_	11M974	1
1 in Hole Dia.	_	11M977	4
1 ¼ in Hole Dia.	_	11M978	4
1 ½ in Hole Dia.	_	11M979	4
1 % in Hole Dia.		11M980	4
11/4" Hole Dia.	_	11M981	4
Wire Brush Extension,w/SDS Adaptor	_	11M982	1
Wire Brush Manual Hand Tool	_	11M983	1



Tool and Bits

Condrive 1000 multipurpose tool for installation of all lengths of Tapcon hex head and Phillips flat head anchors.Note: For optimum performance bit diameter must equal anchor diameter

4AL05
4AL07
4AL08
4AL10
4AL11



Anchor Drivers

Straight shank bits

Description	Application	Brand	Item No.
Drivers			
Con-Sert Tool #8,For Masonry Screws	Drill and Set Con-sert Screws in Concrete, Brick, Stone, Wood, Vinyl and Light Steel	_	6JKW7
Replacement Drill Bit			
1/8 in, Carbide Steel, For	Use With Hammer Drill, Regular Drill	Diversified Fastening Systems	6JKW8