



CONCRETE ANCHORS

Wedge Anchors



For use in Concrete

| Part # | Size (in.) | Pkg. Qty. | Case Qty. | Case Wt. |
|---------------------------------|-------------|-----------|-----------|----------|
| CARBON STEEL ZINC PLATED | | | | |
| UCAWED14134 | 1/4 x 1-3/4 | 100 | 800 | 27 |
| THRU | | | | |
| UCAWED11412 | 1-1/4 x 12 | 4 | 12 | 49 |
| CARBON STEEL GALVANIZED | | | | |
| UCAWAG38234 | 3/8 X 2-3/4 | 50 | 400 | 38 |
| THRU | | | | |
| UCAWAG347 | 3/4 X 7 | 15 | 45 | 46 |
| STAINLESS STEEL TYPE 304 | | | | |
| UCAISS14134 | 1/4 x 1-3/4 | 100 | 800 | 27 |
| THRU | | | | |
| UCAISS19 | 1 x 9 | 5 | 15 | 46 |
| STAINLESS STEEL TYPE 304 | | | | |
| UCAISS14134 | 1/4 x 1-3/4 | 100 | 800 | 27 |
| THRU | | | | |
| UCAISS19 | 1 x 9 | 5 | 15 | 46 |
| STAINLESS STEEL TYPE 316 | | | | |
| UCAIST14134 | 1/4 x 1-3/4 | 100 | 800 | 27 |
| THRU | | | | |
| UCAIST347 | 3/4 x 7 | 15 | 45 | 45 |
| TIE WIRE ANCHORS | | | | |
| UCAEP932 | 1/4 x 2-1/4 | 100 | 1000 | 38 |
| UCAEP932M | 1/4 x 2-1/4 | - | 1500 | 52 |
| Eye Diameter is 9/32" | | | | |
| HOOK WEDGES - NEW | | | | |
| UCAHW38414B | 3/8 x 4-1/4 | - | 500 | 61 |

Shield Expansion Anchors



For use in Concrete

| Part # | Size (in.) | Pkg. Qty. | Case Qty. | Case Wt. |
|--|--------------|-----------|-----------|----------|
| SINGLE-EXPANSION SHIELDS - RUST PROOF ZAMAC ALLOY | | | | |
| UCAUSA14 | 1/4 x 1-5/16 | 50 | 500 | 13 |
| THRU | | | | |
| UCUSA34 | 3/4 x 2-3/4 | 10 | 60 | 19 |
| DOUBLE-EXPANSION SHIELDS - RUST PROOF ZAMAC ALLOY | | | | |
| UCAUDA14 | 1/4 x 1-3/8 | 100 | 1000 | 29 |
| THRU | | | | |
| UCAUDA34 | 3/4 x 4 | 10 | 60 | 27 |
| LAG SHIELDS - RUST PROOF ZAMAC ALLOY - Goes up to 3/4" Diameter | | | | |
| UCALAS14 | 1/4 X 1 | 50 | 500 | 12 |
| AND | | | | |
| UCALAL14 | 1/4 X 1-1/2 | 25 | 150 | 19 |

Heavy-Load Anchors



For use in Concrete

| Part # | Dia. (mm) | Length (mm) | Min Emd. (mm) | Qty. |
|---|-----------|-------------|---------------|------|
| HEX BOLT TYPE ISO GRADE 8.8 | | | | |
| UCALHL630 | 6 | 95 | 50 | 50 |
| THRU | | | | |
| UCALHL2060 | 20 | 262 | 125 | 5 |
| STUD TYPE ISO GRADE 8.8 | | | | |
| UCABHL830 | 8 | 110 | 50 | 50 |
| THRU | | | | |
| UCABHL2060 | 20 | 231 | 125 | 5 |
| STAINLESS STEEL A4 WITH TITANIUM - TYPE 316 | | | | |
| UCALHS825 | 8 | 95 | 55 | 50 |
| THRU | | | | |
| UCALHS2030 | 20 | 182 | 125 | 10 |
| STUD STAINLESS STEEL A4 WITH TITANIUM - TYPE 316 | | | | |
| UCABHS825 | 8 | 97 | 55 | 50 |
| THRU | | | | |
| UCABHS2030 | 20 | 188 | 125 | 10 |

Sleeve Anchors



For use in Concrete

| Part # | Size (in.) | Pkg. Qty. | Case Qty. | Case Wt. |
|--|--------------|-----------|-----------|----------|
| HEX NUT - ZINC PLATED | | | | |
| UCASLE516112 | 5/16 x 1-1/2 | 100 | 1000 | 40 |
| THRU | | | | |
| UCASLE34614 | 3/4 x 6-1/4 | 10 | 40 | 33 |
| FLAT HEAD - PHILIPS - ZINC PLATED | | | | |
| UCASLF14138 | 1/4 x 1-3/8 | 100 | 1000 | 19 |
| THRU | | | | |
| UCASLF386 | 3/8 x 6 | 50 | 300 | 49 |
| HEX BOLT TYPE with ISO GRADE 6.8 BOLT - NEW | | | | |
| UCASLB38178 | 3/8 x 1-7/8 | 50 | 500 | 40 |
| THRU | | | | |
| UCASLB124 | 1/2 x 4 | 25 | 150 | 33 |

SEE YOUR SALES REP FOR MORE SIZES



CONCRETE ANCHORS

Drop-In Anchor System



For use in Concrete

| Part # | Size (in.) | Pkg. Qty. | Case Qty. | Case Wt. |
|--|------------|-----------|-----------|----------|
| FRACTIONAL O/D - ZINC PLATED | | | | |
| UCAIPA1438 | 1/4 | 100 | 2000 | 45 |
| THRU | | | | |
| UCAIPA341 | 3/4 | 25 | 100 | 49 |
| STAINLESS STEEL (TYPE 304) | | | | |
| UCAIPSI438 | 1/4 | 100 | 2000 | 42 |
| THRU | | | | |
| UCAIPS341 | 3/4 | 25 | 100 | 49 |
| COIL THREADED DROP-IN - ZINC PLATED AND KNURLED | | | | |
| UCACTD1258 | 1/2 | 50 | 500 | 59 |
| UCACTD341 | 3/4 | 25 | 100 | 49 |
| STUBi DROP-IN - ZINC PLATED | | | | |
| UCADIS3812 | 3/8 | 100 | 1000 | - |

U-DRILLS - Flat Countersink Head



Self Drilling Metal Screws

| Part # | Size (in.) | Capacity | Case Qty. | Case Wt. |
|---|---------------|------------|-----------|----------|
| ZINC PLATED | | | | |
| UCATSF858B | 8-18 x 5/8 | .100/13 ga | 15,000 | 28 |
| 410 STAINLESS STEEL RUSPRO® COATED | | | | |
| UCATRF1034BSS | 10-16 x 3/4 | .175/7 ga | 8000 | 47 |
| THRU | | | | |
| UCATRF12112BSS | 12-14 x 1-1/2 | .210/5 ga | 3000 | 40 |

U-DRILLS - Socket Wafer Head



Wood to Metal Applications

| Part # | Size (in.) | Capacity | Case Qty. | Case Wt. |
|--------------------------------|---------------|------------|-----------|----------|
| ZINC PLATED | | | | |
| UCATSW101634B | 10-16 x 3/4 | .175/7 ga | 8000 | 45 |
| THRU | | | | |
| UCATSW124B | 10-16 x 3/4 | .210/5 ga | 800 | 27 |
| ZINC PLATED WITH REAMER | | | | |
| UCATSW10112RB | 10-24 x 1-1/2 | .175/ ga | 3000 | 30 |
| THRU | | | | |
| UCATSW124RB | 12-24 x 4 | .312/5/16" | 800 | 28 |

SEE YOUR SALES REP FOR MORE SIZES

U-DRILLS - Hex Washer Head



Self Drilling Metal Screws

| Part # | Size (in.) | Capacity | Case Qty. | Case Wt. |
|--|---------------|------------|-----------|----------|
| ZINC PLATED | | | | |
| UCATHW812B | 8-18 x 1/2 | .001/12 ga | 10,000 | 32 |
| THRU Self Drilling Metal Screws | | | | |
| UCATHW144B | 1/4-14 x 4 | .220/4 ga | 500 | 19 |
| RUSPRO® COATED | | | | |
| UCATRH812B | 8-18 x 1/2 | .100/12 ga | 10,000 | 32 |
| THRU | | | | |
| UCATRH143B | 1/4 x 14 x 3 | .220/4 ga | 1,000 | 34 |
| EPDM WASHER ZINC COATED | | | | |
| UCATRW1034BN | 10-16 X 3/4 | .175/7 ga | 3000 | 26 |
| THRU | | | | |
| UCATRW142BN | 1/4-14 x 2 | .220/4 ga | 1000 | 28 |
| HEAVY GAUGE WITH RUSPRO® COATED | | | | |
| UCATRH12114B5 | 12-24 x 1-1/4 | .500/ 1/2 | 4000 | 43 |
| THRU | | | | |
| UCATRH146B5 | 1/4-28 x 6 | .500/ 1/2 | 500 | 30 |

U-DRILLS - Socket Pan Head



Self Drilling Metal Screws

| Part # | Size (in.) | Capacity | Case Qty. | Case Wt. |
|---|------------|------------|-----------|----------|
| ZINC PLATED | | | | |
| UCATSP612 | 6-20 x 1/2 | .090/13 ga | 1000 | 3 |
| THRU | | | | |
| UCATSP101 | 10-16 x 1 | .090/13 ga | 1000 | 7 |
| 410 STAINLESS STEEL RUSPRO® COATED | | | | |
| UCATRP812BSS | 8-18 x 1/2 | .100/12 ga | 15,000 | 48 |
| THRU | | | | |
| UCATRP121BSS | 12-14 x 1 | .210/5 ga | 5000 | 47 |

U-DRILLS - Philips Pan Head



| Part # | Size (in.) | Capacity | Case Qty. | Case Wt. |
|--------------------|---------------|------------|-----------|----------|
| ZINC PLATED | | | | |
| UCATPP812B | 8-18 x 1/2 | .100/12 ga | 15,000 | 46 |
| THRU | | | | |
| UCATPP10114B | 10-16 x 1-1/4 | .175/7 ga | 4000 | 33 |



CONCRETE ANCHORS

U-DRILLS - Philips Modified Truss Head



For the Sheat Metal Industry

| Part # | Size (in.) | Capacity | Case Qty. | Case Wt. |
|-----------------------------------|-------------|------------|-----------|----------|
| ZINC PLATED | | | | |
| UCATPW812B | 8-18 x 1/2 | .100/12 ga | 10,000 | 40 |
| THRU | | | | |
| UCATPW1034B | 10-16 x 3/4 | .175/7 ga | 8,000 | 46 |
| ZINC PLATED - SHARP POINTS | | | | |
| UCASPW8916B | 8 x 9/16 | - | 10,000 | 30 |
| THRU | | | | |
| UCASPW83B | 8 x 3 | - | 1000 | 33 |
| WHITE HEADS - SHARP POINTS | | | | |
| UCASPW8916BW | 8 x 9/16 | - | 10,000 | 31 |
| THRU | | | | |
| UCASPW102BW | 10 x 2 | - | 2000 | 25 |

Self Piercing - Hex Washer Head



For the Sheat Metal Industry

| Part # | Size (in.) | Capacity | Case Qty. | Case Wt. |
|----------------------------------|------------|----------|-----------|----------|
| ZINC PLATED | | | | |
| UCASTH638B | 6 x 3/8 | - | 15,000 | 31 |
| THRU | | | | |
| UCASTH102B | 10 x 2 | - | 2000 | 24 |
| WHITE HEADS - ZINC PLATED | | | | |
| UCASTH638BW | 6 x 3/8 | - | 15,000 | 31 |
| THRU | | | | |
| UCASTH102BW | 10 x 2 | - | 2000 | 24 |

U-DRILLS - Socket Pan Head



For the Sheat Metal Industry

| Part # | Size (in.) | Capacity | Case Qty. | Case Wt. |
|---------------------------------|------------|----------|-----------|----------|
| ZINC PLATED | | | | |
| UCASTP658B | 6 x 5/8 | - | 15,000 | 35 |
| THRU | | | | |
| UCASTP8114BB | 8 x 1-1/4 | - | 7000 | 43 |
| WHITE HEAD - ZINC PLATED | | | | |
| UCASTP658BW | 6 x 5/8 | - | 15,000 | 35 |

SEE YOUR SALES REP FOR MORE SIZES

SDS Plus Drill Bits



Excellent speed, performance and endurance. The dynamic, chisel-shaped drill point rapidly penetrates the material and channels the drilling dust into the patented multi-flute spiral and out of the hole. This saves both time and money. Designed for drilling in concrete, stone, block, masonry & brickwork.

| Part # | Diameter (in.) | Length (in.) |
|-------------|----------------|------------------|
| UCASDS5324 | 5/32 ANSI | 4-1/8 - 2 usable |
| THRU | | |
| UCASDS118 | 1 ANSI | 18 - 16 usable |

Ultraplus Premium SDS PLUS



NEW!



Newly designed four cutter carbide tip provides superior performance in very hard materials, including rock and granite, and extra long life in concrete compared to our regular SDS plus bit. Improved fluting reduces friction and speedier dust removal. Will cut through rebar up to 10M.

| Part # | Diameter (in.) | Length (in.) |
|-------------|----------------|------------------|
| UCASDU3166 | 3/16 ANSI | 6-1/4 - 4 usable |
| THRU | | |
| UCASDU11818 | 1-1/8 ANSI | 18 - 16 usable |

SDS-MAX Drill Bits



Multi tip for faster drilling



| Part # | Diameter (in.) | Length (in.) |
|--------------|----------------|----------------|
| UCAMAX153213 | 15/32 DIN | 13 - 8 usable |
| THRU | | |
| UCAMAX223 | 2 ANSI | 23 - 18 usable |

SDS Plus Drill Bits - Bulk



| Part # | Diameter (in.) | Length (in.) | Qty. |
|-------------|----------------|------------------|--------|
| UCASDB5324 | 5/32 ANSI | 4-1/8 - 2 usable | 25 box |
| THRU | | | |
| UCASDB788 | 7/8 ANSI | 8 - 6 usable | 5 box |



CONCRETE ANCHORS

SDS Plus Drill Bits



Excellent speed, performance and endurance. The dynamic, chisel-shaped drill point rapidly penetrates the material and channels the drilling dust into the patented multi-flute spiral and out of the hole. This saves both time and money. Designed for drilling in concrete, stone, block, masonry & brickwork.

| Part # | Dia. (in.) | Length (in.) |
|-------------|------------|------------------|
| UCASDS5324 | 5/32 ANSI | 4-1/8 - 2 usable |
| THRU | | |
| UCASDS118 | 1 ANSI | 18 - 16 usable |

Ultraplus Premium SDS PLUS



Newly designed four cutter carbide tip provides superior performance in very hard materials, including rock and granite, and extra long life in concrete compared to our regular SDS plus bit. Improved fluting reduces friction and speedier dust removal. Will cut through rebar up to 10M.

| Part # | Dia. (in.) | Length (in.) |
|-------------|------------|------------------|
| UCASDU3166 | 3/16 ANSI | 6-1/4 - 4 usable |
| THRU | | |
| UCASDU11818 | 1-1/8 ANSI | 18 - 16 usable |

SDS-MAX Drill Bits



Multi tip for faster drilling

| Part # | Dia. (in.) | Length (in.) |
|--------------|------------|----------------|
| UCAMAX153213 | 15/32 DIN | 13 - 8 usable |
| THRU | | |
| UCAMAX223 | 2 ANSI | 23 - 18 usable |

SDS Plus Drill Bits - Bulk



| Part # | Dia. (in.) | Length (in.) | Qty. |
|-------------|------------|------------------|--------|
| UCASDB5324 | 5/32 ANSI | 4-1/8 - 2 usable | 25 box |
| THRU | | | |
| UCASDB788 | 7/8 ANSI | 8 - 6 usable | 5 box |

Straight Shank



Rotary Percussion Bits for Concrete and Masonry

| Part # | Dia. (in.) | Length (in.) | Shank Dia. | Qty. |
|-------------|------------|--------------|------------|------|
| UCAJOD183 | 1/8 | 2-3/4 | 1/8 | 10 |
| THRU | | | | |
| UCAJOD112 | 1 | 12 | 1/2 | 2 |

Diamond Core Cutters



Cut quickly and cleanly through ceramics, porcelain and marble at economical cost. Ideal for drilling holes for anchors, plumbing and wiring etc. in floor and wall tile with no danger of cracking or spalling. Can be used in any rotary (non-percussion) hand drill. AREA DRILLED MUST BE KEPT WET.

| Part # | Dia. (in.) |
|-------------|------------|
| UCADCC316 | 3/16 |
| THRU | |
| UCADCC112 | 1-1/2 |

SDS MAX Single Piece Core Bits

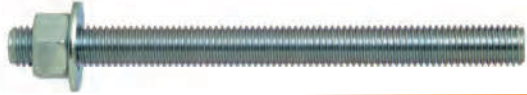


Includes Starter Bit and Drift Key

| Part # | Dia. (in.) | Length (in.) |
|---------------|------------|----------------|
| UCAMAXCB11222 | 1-1/2 | 22 - 17 usable |
| THRU | | |
| UCAMAXCB522 | 5 | 22 - 17 usable |

SEE YOUR SALES REP FOR MORE SIZES

Anchor Rod Assemblies



UCAN
FASTENING PRODUCTS

For Adhesive Anchoring

| Part # | Power Level | Pkg. Qty. | Case Qty. | Case Wt. |
|---|-------------|-----------|-----------|----------|
| ISO GRADE 5.8 STEEL ROD - ZINC PLATED | | | | |
| UCAPRA383 | 3/8 x 3 | 10 | 100 | 10 |
| THRU | | | | |
| UCAPRA112 | 3/8 x 3 | 10 | 100 | 10 |
| ISO GRADE 5.8 STEEL ROD - GALVANIZED ASTM A153 | | | | |
| UCAPRAG126 | 1/2 X 6-1/2 | 10 | 100 | 37 |
| UCAPRAG588 | 5/8 X 8 | 10 | 50 | 31 |
| UCAPRAG3410 | 3/4 X 10 | 10 | 10 | 12 |
| B7 HIGH STRENGTH STEEL ROD - ZINC PLATED WITH 2H NUT | | | | |
| UCAPRAB7125 | 1/2 x 5 | 10 | 100 | 35 |
| THRU | | | | |
| UCAPRAB7112 | 1 x 1/2 | 6 | 6 | 15 |
| STAINLESS STEEL - TYPE 304 | | | | |
| UCAPRS4385 | 3/8 x 5 | 10 | 100 | 14 |
| THRU | | | | |
| UCAPRS4112 | 1 x 1/2 | 6 | 6 | 15 |

ALSO AVAILABLE IN TYPE 316 STAINLESS STEEL

Steel Screens For FR5 Max



UCAN
FASTENING PRODUCTS

For Hollow Wall Applications

| Part # | Power Level | Pkg. Qty. | Case Qty. | Case Wt. |
|-------------|-----------------|-----------|-----------|----------|
| UCACTS GRE | Green - Light | 100 | 10,000 | 29 |
| UCASCTS YEL | Yellow - Medium | 100 | 10,000 | 29 |
| UCASCTS RED | Red - Strong | 100 | 10,000 | 29 |

PVC Wall Plugs



UCAN
FASTENING PRODUCTS

| Part # | Screw Size | Drill Size | Case Qty. | Case Wt. |
|-----------|------------|------------|-----------|----------|
| UCATUR61 | 6-8 | 1/4 | 1000 | 2 |
| UCATUR101 | 8-10 | 9/32 | 1000 | 2 |

Blue/Yellow Plastic Expansion Plugs



UCAN
FASTENING PRODUCTS

Blue For Light Loads in Solid Substrates
Yellow For Light Loads in Hollow Walls

| Part # | Size (in.) | Drill Size | Case Qty. | Case Wt. |
|------------|------------------|------------|-----------|----------|
| UCAUBP68 | 6-8 x 3/4 | 3/16 | 7200 | 5 |
| UCAUBP810 | 8-10 x 7/8 | 3/16 | 7200 | 5 |
| UCAUBP1012 | 10-12 x 7/8 | 1/4 | 4000 | 6 |
| UCAUBP1416 | 14-16 x 1-3/8 | 5/16 | 1200 | 3 |
| UCAUYP48 | 4-6-8 x 7/8 | 3/16 | 7200 | 7 |
| UCAUYP812 | 8-10-12 x 1-1/4 | 1/4 | 4000 | 7 |
| UCAUYPI216 | 12-14-16 x 1-1/2 | 5/16 | 1200 | 3 |

FLO-ROK 5 Max Cartridges

UCAN
FASTENING PRODUCTS

FLO-ROK FR5 MAX

- ALL WEATHER
- LOW ODOUR
- YEAR ROUND USE

- Advanced epoxy acrylic formula can be dispensed at winter temperatures as low as -20°C without pre-heating
- Excellent for both solid and hollow wall applications
- User Friendly - does not contain MMA (methyl methacrylate)
- Smooth flowing, non-drip, easy to control, long shelf life



| Part # | Size | Case Qty. |
|--------------|---------|-----------|
| UCAFR5-5MAX | 5.5 oz | 12 |
| UCAFR5-10MAX | 10 oz | 12 |
| UCAFR5-12MAX | 12.2 oz | 12 |
| UCAFR5-28MAX | 28 oz | 8 |

UCAN Alex

UCAN
FASTENING PRODUCTS



Extra Grip for Electrical Fixtures

| Part # | Size (in.) | Screw Size | Case Qty. | Case Wt. |
|-------------|-------------|------------|-----------|----------|
| UCAALE141 | 1/4 x 1 | 6-10 | 1000 | 3 |
| UCAALE14114 | 1/4 x 1-1/4 | 6-10 | 1000 | 3 |
| UCAALE14112 | 1/4 x 1-1/2 | 6-10 | 1000 | 4 |

Twister - Hollow Wall Fastener

UCAN
FASTENING PRODUCTS



- Install with a screwdriver - hand or cordless
- No predrilling is required
- Fixtures can be installed with #8 screws of any length
- Improved design allows for greater expansion and better holding capability

| Part # | Description | Case Qty. | Case Wt. |
|-----------|----------------------|-----------|----------|
| UCAJET100 | Twister Zamac Anchor | 1000 | 15 |
| UCAJETNYL | Twister Nylon Anchor | 1000 | 4 |

SEE YOUR SALES REP FOR MORE SIZES

Toggle Bolts



Heavy Gauge Wing and Nut

| Part # | Size (in.) | Drill Dia. | Case Qty. | Case Wt. |
|-------------|------------|------------|-----------|----------|
| UCATOG182 | 1/8 x 2 | 3/8 | 500 | 8 |
| THRU | | | | |
| UCATOG386 | 3/8 x 6 | 1 | 100 | 124 |

Toggle Heads Only



| Part # | Size (in.) | Drill Dia. | Case Qty. | Case Wt. |
|------------|------------|------------|-----------|----------|
| UCATOGH18 | 1/8 | 3/8 | 1000 | 8 |
| UCATOGH316 | 3/16 | 1/2 | 1000 | 15 |
| UCATOGH14 | 1/4 | 5/8 | 1000 | 27 |
| UCATOGH38 | 3/8 | 1 | 400 | 21 |

Metal Hollow Wall Anchors



Best For Hollow Walls

| Part # | Size (in.) | Drill Dia. | Case Qty. | Case Wt. |
|--------------------------|-------------|------------|-----------|----------|
| UCAMWA18XS | 1/8 x 3/4 | 5/16 | 1000 | 10 |
| THRU | | | | |
| UCAMWA14L | 1/4 x 2-1/2 | 1/2 | 500 | 30 |
| DRIVE TYPE ANCHOR | | | | |
| UCAMWD18S | 1/8 x 1-1/4 | 1/8-1/2 | 1000 | 15 |
| UCAMWD18SI | 1/8 x 1-3/4 | 1/8-3/4 | 1000 | 15 |
| UCAMWD18L | 1/8 x 1-3/4 | 5/8-7/8 | 1000 | 19 |

SUPER SCRUI-IT® Stainless Steel

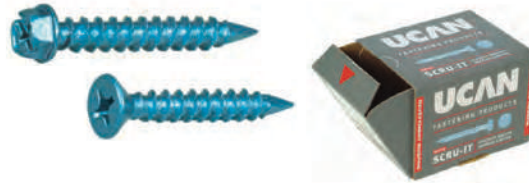


- Concrete Applications
- RUSPRO coated for corrosion resistance

(Packages of 100) One drill bit included with each 100 anchors

| Part # | Size (in.) | Pkg. Qty. | Case Qty. | Case Wt. |
|--------------------------|--------------|-----------|-----------|----------|
| HEX WASHER-HEAD | | | | |
| UCASSH14114 | 1/4 x 1-1/4 | 100 | 1000 | 14 |
| PHILIPS FLAT-HEAD | | | | |
| UCASSP316114 | 3/16 x 1-1/4 | 100 | 1000 | 8 |
| UCASSP316234 | 3/16 x 2-3/4 | 100 | 1000 | 17 |

SUPER SCRUI-IT® Anchors



- Exclusive scalloped threads cut deeper grooves in concrete
- Much higher holding power than other thread designs
- Completely stress free - may be installed close to edges
- Works where others fail in difficult substrates (e.g. horizontal mortar joints)
- Available with either straight shank or SDS drill systems
- RUSPRO coated for maximum corrosion resistance in exposed environments

(Packages of 100) One drill bit included with each 100 anchors



| Part # | Size (in.) | Pkg. Qty. | Case Qty. | Case Wt. |
|---------------------------------------|--------------|-----------|-----------|----------|
| HEX WASHER-HEAD | | | | |
| UCASCH31634 | 3/16 x 3/4 | - | 1000 | 7 |
| THRU | | | | |
| UCASCH145 | 1/4 x 5 | - | 600 | 27 |
| PHILIPS FLAT-HEAD | | | | |
| UCASCP316114 | 3/16 x 1-1/4 | - | 1000 | 10 |
| THRU | | | | |
| UCASCP146 | 1/4 x 5 | - | 600 | 33 |
| HEX WASHER-HEAD - BULK PACKS | | | | |
| UCASCH31634B | 3/16 x 3/4 | - | 5000 | 31 |
| THRU | | | | |
| UCASCH145 | 1/4 x 5 | - | 600 | 27 |
| PHILIPS FLAT-HEAD - BULK PACKS | | | | |
| UCASCP316114B | 3/16 x 1-1/4 | - | 4000 | 36 |
| THRU | | | | |
| UCASCP145B | 1/4 x 5 | - | 600 | 27 |

SUPER SCRUI-IT® Silver



(Packages of 100) One drill bit included with each 100 anchors



| Part # | Size (in.) | Driver Size | Case Qty. | Depth (in.) |
|--|--------------|-------------|-----------|-------------|
| UCASCR316114 | 3/16 X 1-1/4 | #2 | 1000 | 1/4" |
| THRU | | | | |
| UCASCRI4314 | 1/4 x 3-1/4 | #2 | 1000 | 2-1/4 |
| BULK PACKS - Drill bit not included | | | | |
| UCASCR316114B | 3/16 X 1-1/4 | #2 | 4000 | 1/4" |
| THRU | | | | |
| UCASCRI4314B | 1/4 x 3-1/4 | #3 | 800 | 2-1/4 |

SEE YOUR SALES REP FOR MORE SIZES



CONCRETE ANCHORS

LV 360 Low-Velocity Tool



SEMI-AUTOMATIC

- Safe • Low Recoil
- Low Noise Level • Durable & Reliable
- Uses .27 Cal. Strip Loads
- Fasteners up to 2-1/2"

| Part # | Description | Weight |
|-----------|--------------------------|----------|
| UCALV360K | Deluxe Tool Kit Complete | 5.2 lbs. |

See us for parts. Special Order.

LV 360 Low-Velocity Tool



SEMI-AUTOMATIC w/Adjustable Power Dial

- Safe • Low Recoil
- Low Noise Level • Durable & Reliable
- Adjustable Power Dial
- Uses .27 Cal. Strip Loads
- Fasteners up to 2-1/2"

| Part # | Description | Weight |
|-----------|--------------------------|----------|
| UCALV365K | Deluxe Tool Kit Complete | 5.1 lbs. |

See us for parts. Special Order.

LV 470 Low-Velocity Tool



SEMI-AUTOMATIC w/Adjustable Power Dial

- Safe • Low Recoil
- Low Noise Level • Durable & Reliable
- Adjustable Power Dial
- Uses .27 Cal. Strip Loads
- Fasteners up to 2-1/2"

| Part # | Description | Weight |
|-----------|--------------------------|--------|
| UCALV470K | Deluxe Tool Kit Complete | 7 lbs. |

See us for parts. Special Order.

.25 CAL - .27 CAL in Plastic Strips



| Part # | Power Level | Pkg. Qty. | Case Qty. | Case Wt. |
|-----------------|-----------------|-----------|-----------|----------|
| .25 CAL. | | | | |
| UCACTS GRE | Green - Light | 100 | 10,000 | 29 |
| UCASCTS YEL | Yellow - Medium | 100 | 10,000 | 29 |
| UCASCTS RED | Red - Strong | 100 | 10,000 | 29 |
| .27 CAL. | | | | |
| UCACHS G | Green - Light | 100 | 10,000 | 32 |
| UCASCHS Y | Yellow - Medium | 100 | 10,000 | 32 |
| UCACHS R | Red - Strong | 100 | 10,000 | 32 |

.25 CAL Disc



| Part # | Power Level | Pkg. Qty. | Case Qty. | Case Wt. |
|-----------|-----------------|-----------|-----------|----------|
| UCACRDYEL | Yellow - Medium | 100 | 5,000 | 20 |
| UCACRDRED | Red - Strong | 100 | 5,000 | 20 |

.300 Flat-Headed Angle Clip and Conduit Clip



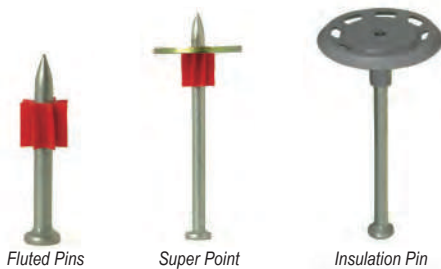
| Part # | Length (in.) | Pkg. Qty. | Case Qty. | Case Wt. |
|---------------------|--------------|-----------|-----------|----------|
| ANGLE CLIP | | | | |
| UCAACC32 | 1-1/4 | 100 | 1000 | 42 |
| CONDUIT CLIP | | | | |
| UCAFCC12 | 1/2 | 100 | 600 | 27 |
| UCAFCC34 | 3/4 | 100 | 600 | 32 |

Collated Pins & Threaded Studs



| Part # | Length (in.) | Pkg. Qty. | Case Qty. | Case Wt. |
|-----------------------|---------------|-----------|-----------|----------|
| COLLATED PINS | | | | |
| UCAUD62S | 2-1/2 | 100 | 1000 | 15 |
| THREADED STUDS | | | | |
| UCAUTS245 | 3/4 - 1 shank | 100 | 1000 | 11 |

.300 Flat Headed Fasteners



| Part # | Length (in.) | Pkg. Qty. | Case Qty. | Case Wt. |
|---------------------------------------|--------------|-----------|-----------|----------|
| FLUTED PINS for STEEL/CONCRETE | | | | |
| UCAAFH62 | 2-1/2 | 100 | 1000 | 15 |
| SUPER POINT w/25MM STEEL | | | | |
| UCAAWI62 | 2-1/2 | 100 | 1000 | 20 |
| INSULATION PIN | | | | |
| UCAAWP | 2-1/2 | 100 | 600 | 10 |

SEE YOUR SALES REP FOR MORE SIZES



CONCRETE ANCHORS

PowerPoint Pins



- Used for fastening into hard concrete and steel.
- Premium hard concrete and steel pin. • 100 per box.

| Part # | Shank Dia. | Head Dia. | Length (in.) |
|---------|------------|-----------|--------------|
| RAMSP12 | .145 | .300 | 1/2 |
| RAMSP58 | .145 | .300 | 5/8 |
| RAMSP34 | .145 | .300 | 3/4 |

PowerPoint Step Shank Pins



- Used for fastening into hard concrete and steel.
- Premium hard concrete and steel pin. 100 per box.

| Part # | Shank Dia. | Head Dia. | Length (in.) |
|----------|------------|-----------|--------------|
| RAMSP100 | .1560/.180 | .300 | 1 |
| RAMSP114 | .1560/.180 | .300 | 1-1/4 |
| RAMSP112 | .1560/.180 | .300 | 1-1/2 |
| RAMSP178 | .1560/.180 | .300 | 1-7/8 |

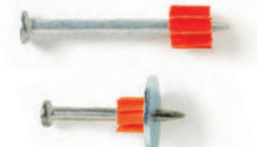
Top Hat Drive Pins



- Increases bearing surface against material to be fastened for improved attachment to inconsistent base materials.
- 100 per box.

| Part # | Shank Dia. | Head Dia. | Length (in.) |
|-----------|------------|-----------|--------------|
| RAMSP58TH | .150 | .300 | 5/8 |
| RAM1906 | .145 | .300 | 3/4 |
| RAM1908 | .145 | .300 | 1 |

Ramguard Pins



- Coated to improve corrosion resistance in treated lumber and other applications.
- 100 per box.

| Part # | Shank Dia. | Head Dia. | Length (in.) |
|------------|------------|-----------|--------------|
| RAMSP178E | .150/.180 | .300 | 1-7/8 |
| RAM1516E | .150/.180 | .300 | 2-1/2 |
| RAM1524SDE | .145 | .300 | 3 |

6mm Headed Drive Pins w/12mm Washer



| Part # | Shank Dia. | Head Dia. | Length (in.) |
|----------|------------|-----------|--------------|
| RAM16779 | .145 | .300 | 1 |
| RAM16780 | .145 | .300 | 1-1/4 |
| RAM16781 | .145 | .300 | 1-1/2 |
| RAM16782 | .145 | .300 | 2 |
| RAM16783 | .145 | .300 | 2-1/2 |
| RAM16784 | .145 | .300 | 3 |

Threaded Stud Pins



- For applications that require removability or where shiming is required.
- 1/4-20 threaded stud.
- 100 per box.

| Part # | Shank Length (in.) | Head Dia. | Length (in.) |
|-----------|--------------------|-----------|--------------|
| RAM1623WK | 1/2 | .300 | 3/4 |
| RAM1643W | 1 | .300 | 3/4 |

Ceiling Clip Assemblies



- Designed for suspended ceilings and other overhead applications.
- Pin preassembled to a 14 gage angle clip.
- 100 per box

| Part # | Shank Dia. | Head Dia. | Length (in.) |
|-----------|------------|-----------|--------------|
| RAMSDC100 | .145 | .300 | 1 |
| RAMSDC125 | .145 | .300 | 1-1/4 |

PowerPoint Pins with Ceiling Clips



- Designed for difficult overhead applications.
- Pin preassembled to a 14 gage angle clip.
- 100 per box.

| Part # | Shank Dia. | Head Dia. | Length (in.) |
|-----------|------------|-----------|--------------|
| RAMSPC78 | .150 | .300 | 7/8 |
| RAMSPC114 | .150/.180 | .300 | 1-1/4 |

Fastener Ceiling Clips



- 14 gage angle clip.
- 100 clips per box.

| Part # | Hole Dia. (in.) | Description |
|-----------|-----------------|---------------------|
| RAM1202CF | 5/16 & 14/64 | Angle clip (no pin) |

One Hole Conduit Strap



- Used to attach conduit or armored cable to concrete.
- Powerpoint fastener preassembled to an 16 gage conduit strap.
- 100 per box.

| Part # | Shank Dia. | Head Dia. | Description |
|------------|------------|-----------|------------------------------|
| RAM38HSS10 | .125/.150 | .300 | 3/8" Hole w/1" Premium Pin |
| RAM12HSS10 | .125/.150 | .300 | 1/2" Hole w/1" Premium Pin |
| RAM34HSS10 | .125/.150 | .300 | 3/4" Hole w/1" Premium Pin |
| RAM10HSS10 | .125/.150 | .300 | 1" Hole w/1-1/4" Premium Pin |

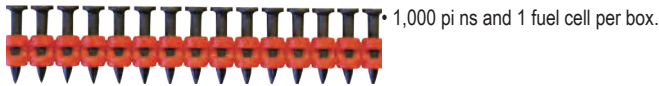
Threaded Rod Hanger



- For suspended ceilings, piping and other items using 1/4" or 3/8" threaded rod.
- Powerpoint fastener is preassembled to an 16 gage threaded rod hanger.
- 100 per box.

| Part # | Shank Dia. | Head Dia. | Description |
|--------------|------------|-----------|---------------------------|
| RAM14TRHSS10 | .125/.150 | .300 | 1/4" Rod w/1" Premium Pin |
| RAM38TRHSS10 | .125/.150 | .300 | 3/8" Rod w/1" Premium Pin |

Fuel/Pin Packs - T3MAG



• 1,000 pins and 1 fuel cell per box.

| Part # | Shank Length (in.) | Description |
|-----------|--------------------|---------------------------------------|
| RAMT3012 | 1/2 | 1/2" Plated steel pin, dia. .125 |
| RAMT3034B | 3/4 | 3/4" Black concrete pin, dia. .125 |
| RAMT3034S | 3/4 | 3/4" Plated step shank pin, dia. .104 |
| RAMT3100 | 1 | 1 Plated concrete pin, dia. .125 |

Threaded Rod Hanger - T3SS



- For suspended ceilings, piping and other items using 1/4" or 3/8" threaded rod.
- Fastener is preassembled to an 16 gage threaded rod hanger
- 100 per jar.

| Part # | Shank Dia. | Head Dia. | Description |
|---------------|------------|-----------|----------------------------------|
| RAM14TRHMP034 | .104/.125 | .300 | 1/4" rod hanger, 3/4" plated pin |
| RAM38TRHMP034 | .104/.125 | .300 | 3/8" rod hanger, 3/4" plated pin |

One Hole Strap - T3SS



- Used to attach conduit or armored cable to concrete.
- Fastener preassembled to a 16 gage conduit strap.
- 100 per jar, 3/8" 200 per jar and 1-1/4" 25 per jar.

| Part # | Shank Dia. | Head Dia. | Description |
|---------------|------------|-----------|------------------------------------|
| RAM38HSMP034 | .104/.125 | .300 | 3/8" hole strap, 3/4" plated pin |
| RAM12HSMP034 | .104/.125 | .300 | 1/2" hole strap, 3/4" plated pin |
| RAM34HSMP034 | .104/.125 | .300 | 3/4" hole strap, 3/4" plated pin |
| RAM10HSMP034 | .104/.125 | .300 | 1" hole strap, 3/4" plated pin |
| RAM114HSMP034 | .104/.125 | .300 | 1-1/4" hole strap, 3/4" plated pin |

Conduit Clamp - T3SS



- Used to attach conduit to concrete.
- Pin preassembled to an 18 gage conduit clamp.
- 1/2" 50 per jar and 3/4" 25 per jar.

| Part # | Shank Dia. | Head Dia. | Description |
|---------------|------------|-----------|------------------------------|
| RAM12CCMP034L | .104/.125 | .300 | 1/2" conduit clamp, 3/4" pin |
| RAM34CCMP034L | .104/.125 | .300 | 1" conduit clamp, 3/4" pin |

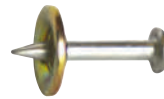
Ceiling Clip Assembly - T3SS



- Preassembled Ceiling Clip. Plated 14 gage clip. 100 per jar.

| Part # | Shank Dia. | Head Dia. | Description |
|-----------|------------|-----------|----------------------------|
| RAM34CLIP | .104/.125 | .300 | 3/4" ceiling clip assembly |

Mechanical Pin w/Washer - T3SS



- Used for the attachment of light gage metal to concrete and steel such as HVAC duct strap to concrete.
- Fastener preassembled to a 16 gage conduit strap.
- 100 per jar, 3/8" 200 per jar and 1-1/4" 25 per jar.

| Part # | Shank Dia. | Head Dia. | Description |
|-----------|------------|-----------|-------------------------------|
| RAMM012 | .104/.118 | .250 | 1/2" step pin w/domed washer |
| RAMM034 | .125 | .300 | 3/4" step pin w/domed washer |
| RAMM034BB | .104/.118 | .300 | 3/4" *step pin w/domed washer |
| RAMM100 | .125 | .300 | 1" plated pin w/domed washer |

*Premium Step Pin

1/4-20 Threaded Stud - T3SS



- Used to attach electrical components to concrete where removability of the component is required.
- Plated threaded stud. 200 per jar.

| Part # | Thread | Shank | Description |
|-----------|--------|-------|----------------------|
| RAM14STUD | 1/2" | 5/8" | 1/4-20 Threaded Stud |

Top Hat Pin - T3SS



- Used for general purpose fastening to concrete.
- Plated pin with top hat. 200 per jar.

| Part # | Shank Dia. | Head Dia. | Description |
|------------|------------|-----------|------------------------------|
| RAMMP034TH | .125 | .300 | 3/4" Plated pin with top hat |

Hybrid Pin - T3SS



- For general purpose attachments to concrete.
- Powerpoint step shank pin preassembled to 1/2" washer.
- 500 per jar.

| Part # | Shank Dia. | Head Dia. | Description |
|-----------|------------|-----------|------------------------------|
| RAMM100BB | .125/.150 | .300 | 1" PowerPoint step shank pin |

Tie Strap Holder - T3SS



- Used to install temporary lighting and secure low voltage cable to concrete, uses a standard cable tie up to 3/8" in width.
- Fastener preassembled to an 22 gage tie strap holder.
- 50 per jar.

| Part # | Shank Dia. | Head Dia. | Description |
|-------------|------------|-----------|----------------------------|
| RAMTSHMP034 | .104/.125 | .300 | Tie strap, 3/4" plated pin |



CONCRETE ANCHORS

Powder Loads

ITW Ramset powder loads and tools match tolerances to provide optimum power within recognized national velocity standards. Available in color-coded 10-load discs, 10-load strips and 100-load boxes.



High Quality and Dependability

CAUTION

Always test-fasten with the lowest power level for your tool. If more power is necessary, use the next highest power level until proper level and fastening is achieved. Refer to the operator's manual for more specific details. Observe all safety reminders. Tool operators must be trained and qualified as required by federal law. Failure to use properly can result in serious injury or death to users or bystanders.

ADVANTAGES POWDER GUIDE

Power level is designated by the load level number marked on each box and by the color of the box and each powder load. As the number increases, the power level increases.

CW Single Shot - 0.22 Caliber



| Part # | Power Level | Box Qty. | Case Qty. |
|----------|-------------|----------|-----------|
| RAMC12CW | 1 - Gray | 100/0.2 | 10,000/20 |
| RAMC22CW | 2 - Brown | 100/0.2 | 10,000/20 |
| RAMC32CW | 3 - Green | 100/0.2 | 10,000/20 |
| RAMC42CW | 4 - Yellow | 100/0.2 | 10,000/20 |

Disc Load - 10-Shot, 0.25 Caliber



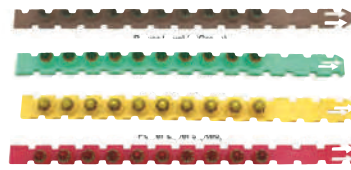
| Part # | Power Level | Box Qty. | Case Qty. |
|---------|-------------|----------|-----------|
| RAM2D60 | 2 - Brown | 100/0.3 | 10,000/30 |
| RAM3D60 | 3 - Green | 100/0.3 | 10,000/30 |
| RAMD621 | 4 - Yellow | 100/0.3 | 10,000/30 |
| RAM5D60 | 5 - Red | 100/0.3 | 10,000/30 |

RS25 Strip Load - 10-Shot, 0.25 Caliber



| Part # | Power Level | Box Qty. | Case Qty. |
|----------|-------------|----------|-----------|
| RAM3RS25 | 3 - Green | 100/0.3 | 10,000/30 |
| RAM4RS25 | 4 - Yellow | 100/0.3 | 10,000/30 |

RS27 Strip Load - 10-Shot, 0.27 Caliber



| Part # | Power Level | Box Qty. | Case Qty. |
|-----------|-------------|----------|-----------|
| RAMC3RS27 | 3 - Green | 100/0.3 | 10,000/35 |
| RAMC4RS27 | 4 - Yellow | 100/0.3 | 10,000/35 |
| RAMC5RS27 | 5 - Red | 100/0.3 | 10,000/35 |
| RAMC6RS27 | 6 - Purple | 100/0.3 | 10,000/35 |

Gas Pins & Fuel



ITW saw a challenge: how to create a portable tool that delivered the power of pneumatic tools without the hoses and compressors. In 1991, ITW Paslode conquered the challenge with the revolution of gas-powered technology. The cordless Impulse Finish Nailer delivered the power of pneumatic tools without cluttering job sites.

- No Licensing Required
- Fast and Easy to Use
- Quiet—No Recoil
- No Cords or Hoses
- Long Fuel Cell & Battery Life

Drywall Electrical Mechanical

Gas significantly lowers cost-in-place, reduces stress on the employee, and it's much quieter to use than drilling or powder actuated tools (PATs), so you can work in occupied buildings. There are times when you need the power and accuracy of our PATs—like the speed of our D45A disc tool, or the work horse, nearly maintenance-free 721 single shot PAT. But constant use of these tools can be noisy and overly jarring on the body.



Accessories



Fuel



Battery



Charger

| Part # | Tool | Description | Qty. |
|-----------|------|-------------|----------------|
| RAMT3FUEL | T3SS | Fuel | 12 (6-2 packs) |
| RAMB0092 | T3SS | Battery | 1 |
| RAMB002 | T3SS | Charger | 1 |

T3SS - Cross Over Powder to Gas (Electrical)



- Sets the standard for single-shot applications
- 5 times faster than traditional drill and anchor methods
- Replaces the need for tools like the DX35
- Reduced operator fatigue
- Reduced installation costs—up to 75%
- Quiet enough to work in tenant occupied buildings
- Removable rear foot
- 2 Year Warranty (6 months on wearable parts).

| Part # | Power | Length | Net Weight |
|---------|------------------|--------|------------|
| RAMT3SS | Gas (1000 shots) | 13.5" | 7.0 lbs. |

T31GT - Insulation Tool



- 4 times faster than traditional insulation fastening method saving time and labor costs.
- Fasten the insulation directly to the concrete no need to glue and cut spindle insulation anchors anymore.
- The fastening is consistent and clean looking.
- The tool allows you to fasten the insulation in tight spaces through pipes and sprinkler systems.
- The T3FUEL can shoot more than 1000 shots before it needs to be replaced.
- The T3 Insulation System allows you to install the insulation directly onto the concrete making you less dependent on the baker scaold.

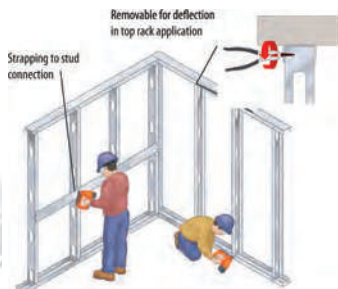


| Part # | Caliber | Length | Net Weight |
|----------|---------------------------|--------|------------|
| RAMT31GT | T3 Fuel Cell (1000 shots) | 18.5" | 7.9 lbs. |

Mini - Light Guage Steel Framing Tool



- CLEAN & EASY to use packaging eliminates waste and finger pricks
- 100 BARB easy load magazine
- 1000 SHOT FUEL CELL Uses the same 3000 shot, rechargeable battery as the T3MAG
- CONVENIENT OFF SWITCH saves battery life
- FLEXIBLE to dial in your preferred depth
- NEW FASTENER DESIGN Barb has shear values of more than 207 lbs
- EASY REMOVAL twist-off Barb head design allows for quick removal of Barb



| Part # | Power | Length | Net Weight |
|---------|----------------------|--------|------------|
| RAMMINI | Battery (1000 shots) | | |

Powder Actuated Pins

We maintain only the highest standards in the materials, production techniques and quality control measures used to manufacture our fasteners, assuring consistent, optimum quality in every fastener.



Fastener Terminology Suffix

K = Knurled X = Collated
 B = Black SD = Washer
 E = Ramguard
 C = 100 count
 M = 1000 count

ADVANTAGES

BLACK PINS

The special black coating improves pin penetration into difficult base material (i.e. hard concrete). We offer this black coating on all of our fasteners manufactured for the attachment of drywall track and channel to concrete and steel.

PINS

ITW Ramset powder actuated fasteners are specifically fabricated to meet the exacting requirements of toughness and durability that enable them to penetrate dense concrete and structural quality steel.

Black Track Pins



- Designed for use in concrete applications.
- Available in 100-pack or 1,000 pack per box.

| Part # | Shank Dia. | Head Dia. | Length (in.) |
|----------|------------|-----------|--------------|
| RAM1506B | .145 | .300 | 3/4 |

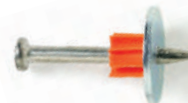
Plated Drive Pins



- Designed for use in concrete and structural steel applications.
- 100 per box.

| Part # | Shank Dia. | Head Dia. | Length (in.) |
|----------|------------|-----------|--------------|
| RAM1503K | .145 | .300 | 1/2 |
| RAM1506 | .145 | .300 | 3/4 |
| RAM1508 | .145 | .300 | 1 |
| RAM1510 | .145 | .300 | 1-1/4 |
| RAM1512 | .145 | .300 | 1-1/2 |
| RAM1514 | .145 | .300 | 2 |
| RAM1516 | .145 | .300 | 2-1/2 |
| RAM1524 | .145 | .300 | 3 |

Plated Drive Pins with 7/8" Washer



- Washer increases bearing surface against the material to be fastened.
- 100 per box.
- 16 gage metal washer.

| Part # | Shank Dia. | Head Dia. | Length (in.) |
|-------------|------------|-----------|--------------|
| RAM1506SD | .145 | .300 | 3/4 |
| RAM1508SD | .145 | .300 | 1 |
| RAM1510SD | .145 | .300 | 1-1/4 |
| RAM1512SD | .145 | .300 | 1-1/2 |
| RAM1514SD | .145 | .300 | 2 |
| RAM1516SDC | .145 | .300 | 2-1/2 |
| RAM1506SDP* | .145 | .300 | 3 |

* Square washer indicates 3" pin has been installed

D60 - Semi-Automatic Disc Tool



- Quick power adjustment—gives eight levels of power with only one load level for a variety of applications
- Rugged polyamide housing—reduces heat transfer and maximizes operator comfort
- Soft, recoil-absorbing handle—for increased operator comfort
- Ramset Disc Technology—loads only advance after firing—eliminates 10-20% of load waste
- 5 Year Warranty

| Part # | Caliber | Length | Net Weight |
|--------|-------------------------|--------|------------|
| RAMD60 | .25, 10 shot disc loads | 12.5" | 4.9 lbs. |

Spitfire P370 - Insulation Tool



- 4 times faster than traditional insulation fastening method saving time and labor costs
- Fasten the insulation directly to the concrete no need to glue and cut spindle insulation anchors anymore.
- The fastening is consistent and clean looking
- The tool allows you to fasten the insulation in tight spaces through pipes and sprinkler systems
- Ramset Disc Technology—loads only advance after firing—eliminates 10-20% of load waste
- The tool has a 5 Year Warranty

| Part # | Caliber | Length | Net Weight |
|---------|-------------------|--------|------------|
| RAMP370 | .25, 10-shot disc | 19.75" | 6.2 lbs. |

Cobra - Strip Tool (Track)



- Semi-automatic .27-caliber tool—uses strip loads
- Padded recoil-absorbing handle—for greater operator comfort
- Fastens up to 3" standard Ramset drive pins and threaded studs—ideal for general construction applications
- Full one-year warranty

| Part # | Caliber | Length | Net Weight |
|----------|--------------------------|---------|------------|
| RAMCOBRA | .27, 10 shot strip loads | 13-1/4" | 4.5 lbs. |

TS750P - Strip Tool (Concrete)



- Very Powerful, Power adjust
- Excellent balance—easy to use all day long
- Rubber grip on front barrel—eliminates pinched fingers and hands
- Twist lock front end—easy to clean
- Rugged polyamide housing—reduces heat transfer and maximizes operator comfort
- Soft, recoil-absorbing handle—for increased operator comfort
- 5 Year Warranty

| Part # | Caliber | Length | Net Weight |
|-----------|--------------------------|--------|------------|
| RAMTS750P | .27, 10-shot strip loads | 15.3" | 5.45 lbs. |

RS22 - Single Shot Tool (Concrete)



- Designed for frequent use providing professional fastening results in a variety of concrete, masonry or steel applications.
- The RS22 is a traditional trigger operated tool.
- Powder load automatically ejects after each use.
- Ergonomic design for operator comfort.
- Positive barrel and load retention prevents barrel from opening freely, allowing easy horizontal and overhead fastening.
- Heavy-duty all-steel construction.
- 90 day warranty.

| Part # | Caliber | Length | Net Weight |
|---------|------------------|--------|------------|
| RAMRS22 | .22, single-shot | 14/75" | 4.1 lbs. |

TF1100 - Gas Powered Tool (Drywall)



| Part # | Power | Length | Net Weight |
|-----------|---------|--------|------------|
| RAMTF1100 | Gas () | 17" | 8.375 lbs. |

Update of TF1100



| Part # | Caliber | Length | Net Weight |
|-----------|---------|--------|------------|
| RAMTF1200 | | | |

T3MAG - Gas Powered Tool (Drywall)



- Higher stick rate (.125 diameter)
- 25% more power
- Easy push down force
- Deep leg track capability
- 45-pin magazine capability
- Newly designed fitted dust shield
- Battery charger provides constant charging even with low voltage drops
- 2 Year Warranty (6 months on wearable parts).

| Part # | Power | Length | Net Weight |
|----------|------------------|--------|------------|
| RAMT#MAG | Gas (1000 shots) | 18.5" | 9.2 lbs. |



CONCRETE ANCHORS

G5 High Strength Epoxy



The epoxy resin and hardener are completely mixed as they are dispensed from the dual cartridge through a static mixing nozzle, directly into the anchor hole. G5 can be used with threaded rod or rebar.

Compliant with 2003 IBC & 2006 IBC. Category 1 performance rating. One bond strength—no load reduction factors (ϕ) required for installation conditions such as dry, water-saturated, water-filled, underwater, and submerged applications.

- Fire rated: tested up to 4hrs FRP
- High strength Epoxy
- 15 minute nozzle life at 21°C
- Virtually odorless, can be used indoors

Curing Times

| BASE MATERIAL (F°/C°) | WORKING TIME | FULL CURE TIME |
|-----------------------|--------------|----------------|
| 110°/ 43° | 9 minutes | 24 hours |
| 90°/ 32° | 9 minutes | 24 hours |
| 70°/ 21° | 15 minutes | 24 hours |
| 50°/ 10° | 15 minutes | 24 hours |

| Part # | Description | Qty. |
|----------|--------------------------|------|
| RAMG5-22 | 22 Fluid Ounce Cartridge | 6 |

G5 -Mixing Nozzle



| Part # | Description | Qty. |
|--------|-------------------------|------|
| RAME55 | Mixing Nozzle for G5-22 | 24 |

G5 -Dispenser

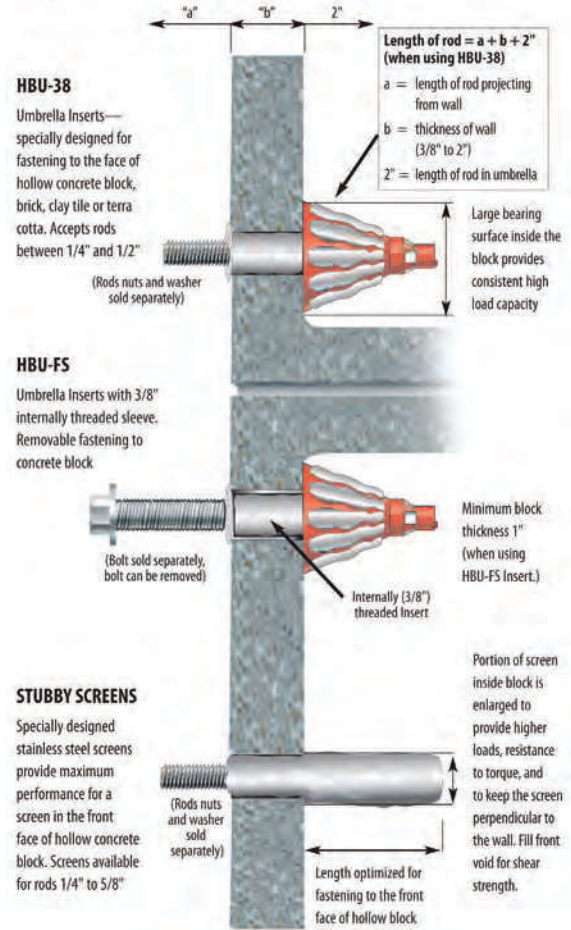


| Part # | Description | Qty. |
|---------|--|------|
| RAME102 | Hand dispensable for G5-22 cartridge Dispenses both 18 oz. and 22 oz. | 1 |

Umbrella Inserts / Stubby Screens for Concrete Block Applications



Hollow Block Fastening with A7 and C6 Adhesive



Section View—Concrete Block

Umbrella Inserts Anchors



| Part # | Description | Qty. |
|---------|--|---------------------------------|
| RAM9200 | Umbrella Anchor | 20 Umbrellas/20 Centering Rings |
| RAM9215 | 3/8" Internal Threaded Insert with Umbrellas | 10 Umbrellas/10 Sleeve Inserts |

Stubby Screens Anchors



| Part # | Description | Qty. |
|-------------|--------------------------------|------|
| RAMHB14-2 | 1/4" x 2" Stainless Screen | 100 |
| RAMHB38-312 | 3/8" x 3-1/2" Stainless Screen | 100 |
| RAMHB12-312 | 1/2" x 3-1/2" Stainless Screen | 50 |
| RAMHB58-412 | 5/8" x 4-1/2" Stainless Screen | 50 |



CONCRETE ANCHORS

A7 - 28 fl. oz. Fast Curing Acrylic Adhesive



The acrylic resin and hardening agent are completely mixed as they are simultaneously dispensed from the dual cartridge through a static mixing nozzle, directly into the anchor hole. A7 can be used with threaded rod or rebar.

- All weather formula
- No drip, no sag, easy clean up
- Fast & easy dispensing, even 28 ounce cartridge can be hand dispensed
- Fast curing time, 35 minutes at 16°C
- Not mix ratio sensitive
- NSF 61 approved
- Rods are easier to insert into the hole with A7 compared with other adhesives
- Works in damp holes and underwater applications
- Requires less adhesive—can be used in 1/16" oversized or 1/8" oversized holes
- One formula for both hollow and solid base materials

Curing Times

| BASE MATERIAL (F°/C°) | WORKING TIME | FULL CURE TIME |
|-----------------------|--------------|----------------|
| 100°/ 38° | 5 minutes | 25 minutes |
| 80°/ 27° | 5.5 minutes | 30 minutes |
| 60°/ 16° | 7 minutes | 35 minutes |
| 40°/ 4° | 15 minutes | 75 minutes |
| 20°/ -7° | 35 minutes | 6 hours |
| 0°/ -18° | 4 hours | 24 hours |

| Part # | Description | Qty. |
|----------|---------------------------------------|------|
| RAMA7-28 | 28 Fluid Ounce Cartridge A7 | 4 |
| RAMA7-10 | 9.3 Fluid Ounce Cartridge with Nozzle | 6 |

A7 -Mixing Nozzle



| Part # | Description | Qty. |
|--------|----------------------|------|
| RAME55 | Mixing Nozzle for A7 | 24 |

A7 -Dispenser



| Part # | Description | Qty. |
|---------|--|------|
| RAMA102 | Largest hand dispensable cartridge - still easy to dispense, for A7-28 | 1 |

C6 Fast Curing Epoxy



The hardener and resin are completely mixed as they are dispensed from the dual cartridge through a static mixing nozzle. The pre-mixed adhesive is injected directly into the anchor hole. C6 can be used with threaded rod or rebar.

- 1 hour cure time (see below)
- Works in damp holes and underwater applications
- Minimum shrinkage—can be used in oversized holes and diamond cored holes
- High heat deflection temperature: 60°C (ASTM D648)
- One formula for both solid and hollow base materials
- NSF standard 61 certified for drinking water systems
- Extensively tested—earthquake, underwater, creep, freeze-thaw, radiation, fire, fatigue, electrical isolation, ozone and many more test programs have been conducted on C6 Extensive use—C6 has been used on projects all over the world for almost 20 years

Curing Times

| BASE MATERIAL (F°/C°) | WORKING TIME | FULL CURE TIME |
|-----------------------|--------------|----------------|
| 120°/ 49° | 4 minutes | 1 hour |
| 110°/ 43° | 4 minutes | 1 hour |
| 90°/ 32° | 5 minutes | 1 hour |
| 80°/ 26° | 6 minutes | 1 hour |
| 70°/ 21° | 7 minutes | 1 hour |
| 60°/ 16° | 7 minutes | 2 hours |
| 50°/ 10° | 7 minutes | 2 hours |
| 40°/ 4° | 7 minutes | 24 hours |
| 15°/ -9° | 6 minutes | 24 hours |

| Part # | Description | Qty. |
|----------|--------------------------|------|
| RAMC6-18 | 18 Fluid Ounce Cartridge | 6 |

C6 -Mixing Nozzle



| Part # | Description | Qty. |
|----------|---------------------------------------|------|
| RAME24XL | Mixing Nozzle for C6 (10-3/8" length) | 24 |

C6 -Dispenser



| Part # | Description | Qty. |
|---------|---|------|
| RAME102 | Hand dispensable for C6-18 cartridge Dispenses both 18 oz. and 22 oz. | 1 |



CONCRETE ANCHORS

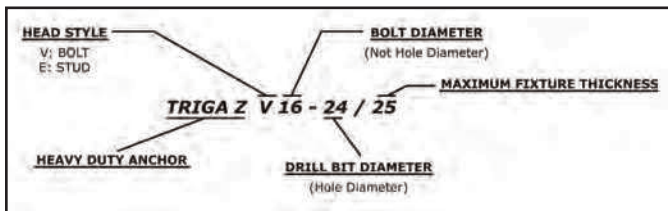
Triga Z - Heavy Duty Anchors Carbon Steel



The Triga Z is a torque controlled range of expansion anchors boasting independently approved specifications.

With the vast choice of diameter and head style, Triga Z is the specifier's solution for cracked and non-cracked concrete. Available in BZP and stainless finishes.

- Quick and easy through fixing
- Simple bolt action expansion
- Resistant to high loads (especially suitable to dynamic loads)
- Z shape collapse system: Z shape shear during tightening ensures a good pressure between the part to be fixed and the concrete
- Clamps down part to be fixed
- Performance can be improved by deeper embedment
- Full steel anchor
- Can be used with cracked or non-cracked concrete, ETA approved
- Bolt and threaded rod: 8.8 quality steel for high performance



| Part # | Description (in.) | QTY/WT/Box | QTY/WT/Case |
|-----------|-------------------|--------------|-------------|
| RAM050679 | TRIGA Z V8-12/20 | 50/8.2 lbs. | 200/33 lbs. |
| RAM050689 | TRIGA Z V10-15/20 | 25/7.6 lbs. | 100/30 lbs. |
| RAM050693 | TRIGA Z E10-15/55 | 25/9.4 lbs. | 100/38 lbs. |
| RAM050697 | TRIGA Z V12-18/25 | 25/12.1 lbs. | 100/48 lbs. |
| RAM050699 | TRIGA Z E12-18/45 | 20/10.8 lbs. | 80/43 lbs. |
| RAM050705 | TRIGA Z V16-24/25 | 10/10.7 lbs. | 40/43 lbs. |
| RAM050707 | TRIGA Z E16-24/55 | 5/6.4 lbs. | 20/26 lbs. |
| RAM050711 | TRIGA Z V20-28/25 | 10/17.8 lbs. | 40/71 lbs. |
| RAM050713 | TRIGA Z E20-28/60 | 5/10.3 lbs. | 20/41 lbs. |

Tapcon Large Diameter (LDT) Anchors



The LDT anchor is a high performance anchor that cuts its own threads into concrete.

Anchor bodies are made of hardened carbon steel and zinc plated.

The anchors shall have a finished hex washer head with anti-rotation serrations to prevent anchor back-out. The head of the anchor is stamped with a length identification code for easy inspection.

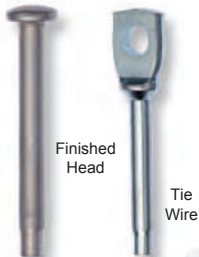
The anchor shall be installed with carbide tipped hammer drill bits made in accordance to ANSI B212.15-1994.

- Installs in less than half the time of wedge anchors or adhesive anchors
- Simply drill a pilot hole and drive the LDT anchor by hand or impact
- No torching or grinding required to remove anchors
- Use standard ANSI bits instead of proprietary bits
- Single piece design, no nut and washer to assemble
- No special proprietary bits to purchase or lose
- Reduce chances for anchor failure due to incorrect bit usage

"X" = Available with corrosion resistant Envire™ coating

| Part # | Dia. (in.) | Length (in.) | QTY/WT/Box | QTY/WT/Case |
|-------------|------------|--------------|------------|-------------|
| RAMLDT3816 | 3/8 | 1-3/4 | 50/ 3.0 | 400/ 24.0 |
| RAMLDT3824 | 3/8 | 2-1/2 | 50/ 3.0 | 400/ 34.0 |
| RAMLDT3830X | 3/8 | 3 | 50/ 3.0 | 400/ 40.0 |
| RAMLDT3840X | 3/8 | 4 | 50/ 3.0 | 400/ 52.0 |
| RAMLDT3850X | 3/8 | 5 | 40/ 3.0 | 320/ 60.0 |
| RAMLDT1230X | 1/2 | 3 | 25/ 3.0 | 150/ 27.0 |
| RAMLDT1240X | 1/2 | 4 | 25/ 3.0 | 120/ 36.6 |
| RAMLDT1250X | 1/2 | 5 | 25/ 3.0 | 120/ 45.6 |
| RAMLDT1260 | 1/2 | 6 | 20/ 3.0 | 100/ 54.0 |
| RAMLDT5830 | 5/8 | 3 | 10/ 3.0 | 100/ 35.0 |
| RAMLDT5840 | 5/8 | 4 | 10/ 3.0 | 100/ 40.0 |
| RAMLDT5850 | 5/8 | 5 | 10/ 3.0 | 100/ 47.0 |
| RAMLDT5860 | 5/8 | 6 | 10/ 3.0 | 50/ 27.0 |
| RAMLDT3444 | 3/4 | 4-1/2 | 10/ 3.0 | 50/ 37.0 |
| RAMLDT3454 | 3/4 | 5-1/2 | 10/ 3.0 | 50/ 40.5 |
| RAMLDT3462 | 3/4 | 6-1/4 | 10/ 3.0 | 30/ 27.3 |

Redi-Drive Hammer-Drive Masonry Anchors



The Redi-Drive is a high performance small diameter one-piece hammer-drive anchor. The anchor holds based on a friction principle—the shank diameter is larger than the drill hole size. Anchors shall be installed with carbide-tipped hammer drill bits made in accordance to ANSI B212.15-1994.

The Redi-Drive is available in two types...mushroom head and Tie-Wire. Anchor performance in solid concrete at one inch embedment shall exceed 400 lbs. allowable tension load and 750 lbs. allowable shear load.

- High performance provides superior holding values in concrete and other masonry materials
- Fire resistant
- Tamper resistant
- Standard 3/16" drill hole size—cheaper bit and faster installation
- Most economical steel anchor available



Applications

FINISHED HEAD

| Part # | Dia. (in.) | Length (in.) | QTY/WT/Box | QTY/WT/Case |
|-----------|------------|--------------|------------|-------------|
| RAMRD4034 | 7/16 | 3/4 | 100/ 1.4 | 1000/ 15 |
| RAMRD4118 | 7/16 | 1-1/8 | 100/ 1.6 | 1000/ 17 |
| RAMRD4158 | 7/16 | 1-5/8 | 100/ 2.2 | 1000/ 23 |
| RAMRD4200 | 7/16 | 2 | 100/ 2.6 | 1000/ 26 |
| RAMRD4212 | 7/16 | 2-1/2 | 100/ 3.2 | 1000/ 33 |
| RAMRD4300 | 7/16 | 3 | 100/ 3.7 | 1000/ 37 |

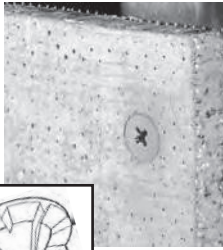
FINISHED HEAD

| Part # | Dia. (in.) | Length (in.) | QTY/WT/Box | QTY/WT/Case |
|-----------|------------|--------------|------------|-------------|
| RAMTD4112 | 3/16 | 2-1/8 | 100/ 3.5 | 1000/ 35 |



CONCRETE ANCHORS

Rock-On Backer-On Fasteners



- ROCK-ON**
- Rib design under head countersinks into dense material while preventing stripouts.
 - Two point types for steel and wood applications.
 - Larger head diameter increases board surface contact for greater pullover resistance.
 - Rock-On is recommended for ACQ treated wood.
- BACKER_ON**
- Gimlet points starts easily - no predrilling.
 - Serrated thread design provides reduced installation torque and superior holding power.
 - Rib design under head countersinks into dense material while preventing stripouts.
 - #2 square drive prevents bit from slipping.



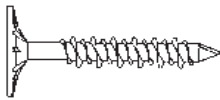
ROCK-ON SPECS

Diameter #8; #9
 Thread Form 8-18; 9-15 Hi-Lo®
 Drill Point #8 Type S-12®; #9 Type "S"
 Head Style Wafer Head with countersink ribs
 Finish Climacoat®

BACKER-ON SPECS

Diameter #10
 Thread Form 10-10 Serrated
 Drill Point Gimlet
 Head Style Wafer Head with countersink ribs
 Finish Long life epoxy topcoat/zinc plating.

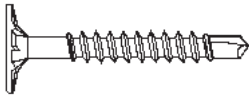
Hi-Lo Rock-On Fasteners



- Cement Board to wood or light gauge steel 26-20 gauge

| Part # | Description (in.) | Box Qty. |
|------------|-------------------|----------|
| BUIBX23202 | 9-15 x 1-1/4 | 600 |
| BUIBX23135 | 9-15 x 1-5/8 | 150 |

S-12 Rock-On Fasteners



- Cement Board to steel 20-12 gauge

| Part # | Description (in.) | Box Qty. |
|---------|----------------------------------|----------|
| BUI6310 | 8-18 x 1-1/4, 3/8 to 3/4 steel | 5000 |
| BUI6330 | 8-18 x 1-5/8, 3/8 to 1-1/4 steel | 5000 |

Backer-On Fasteners



- Backer Board to wood and steel

| Part # | Description (in.) | Box Qty. |
|------------|--------------------------------|----------|
| BUI2406000 | #10 x 1-1/4, 1/2 wood, 1 steel | 5000 |
| BUIBX23206 | #10 x 1-1/4, 1/2 wood, 1 steel | 600 |
| BUIBX23137 | #10 x 1-1/4, 1/2 wood, 1 steel | 200 |

Dekstrip™ - Expandable Edged Flashing



- Wraps around almost any profile
- Paintable after installation
- TPE has a continuous service temperature range of -50°C to +115°C
- 20 year warranty
- Serpentine edges stretch up to 25% for added length
- Great for large round pipes
- Handles vibration & expansion

Stretches to Any Shape, Seals and Stays

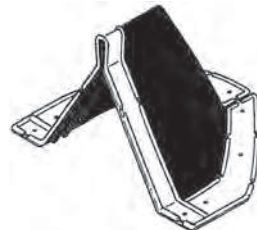
Expandable Edged Flashing



- Grey TPE Material
- Kit comes with 1"x4' Aluminum termination strip and 3' x 2' Splice tape

| Part # | Description (in.) | Weight (lbs.) |
|------------|-------------------|---------------|
| BUIDSFBN | 9-3/4 x 10 ft. | 8 |
| BUI4157910 | 7 x 75 ft. | 26 |
| BUI4155910 | 9 x 75 ft. | 31 |
| BUI4156910 | 12 x 75 ft. | 38 |
| BUI4171910 | 18 x 50 ft. | 30 |
| BUI4178910 | 3 x 2 ft. Splice | |

Dek-Cap Flashing



- Metal Curbs, Skylights, Ridge Applications, Job-site Retrofit

| Part # | Description (in.) | Qty. |
|------------|-------------------|--------|
| BUI4146910 | Dek-Cap | 10/Box |

Dektite Flashing



NOTE: When used on roofs where pitch is steeper than 20 degrees, or when used on deep ribbed profile roof panel (1-1/2" deep corrugation or more), consider using next larger size Dektite that will accommodate the same pipe diameter.

| Part # | Description (in.) | Height (in.) | Qty. |
|------------|-------------------------|--------------|------|
| BUI4001910 | Mini EPDM, 1/4 to 1-1/8 | 1-3/4 | 20 |
| | THRU | | |
| BUI8009 | #9 EPDM, 10 to 18 | 8 | 2 |