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KEY:  
Suffix P = Plain Finish  
Suffix Y = Yellow Finish  
P.O.A. = Price on Availability

# ANCHORS

ANCHORS



## CONICAL PLASTIC ANCHORS

- Light duty use in concrete, block, brick, and wallboard.

| Size    | Drill Size | Box/Carton | Part Number     |
|---------|------------|------------|-----------------|
| # 6-8   | 3/16"      | 200 / 1000 | <b>F-110010</b> |
| # 8-10  | 3/16"      | 200 / 1000 | <b>F-110012</b> |
| # 10-12 | 1/4"       | 200 / 1000 | <b>F-110015</b> |
| # 14-16 | 5/16"      | 250 / 1500 | <b>F-110022</b> |

## CONICAL PLASTIC ANCHOR KITS

- Reusable blister box



| Size    | Drill Size (Included) | Screw Size   | Qty. in Kit | Part Number     |
|---------|-----------------------|--------------|-------------|-----------------|
| # 6-8   | 3/16"                 | # 6 X 1      | 100         | <b>F-110023</b> |
| # 8-10  | 3/16"                 | # 8 X 1      | 100         | <b>F-110024</b> |
| # 10-12 | 1/4"                  | # 10 X 1     | 100         | <b>F-110025</b> |
| # 14-16 | 5/16"                 | # 14 X 1-1/4 | 50          | <b>F-110026</b> |

## MUSHROOM HEAD - NYLON HAMMER DRIVE ANCHORS w/STEEL PIN

- Light duty use in concrete, block, brick, and wallboard

- Easy to install



| Size           | Drill Size | Box/Carton | Part Number     |
|----------------|------------|------------|-----------------|
| 3/16" X 1"     | 3/16"      | 100 / 1000 | <b>F-110050</b> |
| 3/16" X 1-1/2" | 3/16"      | 100 / 1000 | <b>F-110052</b> |
| 1/4" X 3/4"    | 1/4"       | 100 / 1000 | <b>F-110055</b> |
| 1/4" X 1"      | 1/4"       | 100 / 1000 | <b>F-110057</b> |
| 1/4" X 1-1/2"  | 1/4"       | 100 / 800  | <b>F-110061</b> |
| 1/4" X 2"      | 1/4"       | 100 / 800  | <b>F-110063</b> |
| 1/4" X 2-1/4"  | 1/4"       | 100 / 800  | <b>F-110065</b> |
| 1/4" X 3"      | 1/4"       | 100 / 800  | <b>F-110067</b> |
| 1/4" X 4"      | 1/4"       | 100 / 800  | <b>F-110071</b> |

# ANCHORS

ANCHORS

## MUSHROOM HEAD STEEL HAMMER DRIVE ANCHORS

- Medium duty use in concrete, block, brick, and wallboard
- Easy to install
- Tamper proof

| Size          | Drill Size | Box/Carton | Part Number |
|---------------|------------|------------|-------------|
| 3/16" X 7/8"  | 3/16"      | 100 / 1000 | F-110150    |
| 1/4" X 3/4"   | 1/4"       | 100 / 1000 | F-110155    |
| 1/4" X 1"     | 1/4"       | 100 / 1000 | F-110157    |
| 1/4" X 1-1/4" | 1/4"       | 100 / 1000 | F-110159    |
| 1/4" X 1-1/2" | 1/4"       | 100 / 800  | F-110161    |
| 1/4" X 2"     | 1/4"       | 100 / 800  | F-110163    |



## SINGLE EXPANSION ANCHORS

- Uses include fastening into rock, concrete, and brick
- Holding power is unaffected if bolt is removed and replaced
- One piece design made of zinc alloy

| Thread Size | Drill Size | Anchor Length | Box/Carton | Part Number |
|-------------|------------|---------------|------------|-------------|
| 1/4"        | 1/2"       | 1-5/16"       | 100 / 1000 | F-110170    |
| 5/16"       | 5/8"       | 1-1/2"        | 50 / 500   | F-110171    |
| 3/8"        | 3/4"       | 1-1/2"        | 50 / 500   | F-110172    |
| 1/2"        | 7/8"       | 2"            | 25 / 200   | F-110174    |
| 5/8"        | 1"         | 2-5/8"        | 25 / 200   | F-110176    |



## DOUBLE EXPANSION ANCHORS

- Uses include fastening into rock, concrete, and brick
- Eliminates high stress points
- Has high gripping power and expands fully
- Ideal for shear loads or where bolt is subject to side pressure / vibration

| Thread Size | Drill Size | Anchor Length | Box/Carton | Part Number |
|-------------|------------|---------------|------------|-------------|
| 1/4"        | 1/2"       | 1-5/16"       | 100 / 1000 | F-110180    |
| 5/16"       | 5/8"       | 1-1/4"        | 50 / 500   | F-110181    |
| 3/8"        | 3/4"       | 1-1/2"        | 50 / 500   | F-110182    |
| 1/2"        | 7/8"       | 2"            | 25 / 200   | F-110184    |
| 5/8"        | 1"         | 2-1/4"        | 25 / 200   | F-110186    |
| 3/4"        | 1-1/4"     | 2-7/8"        | 10 / 80 *  | F-110187    |



# ANCHORS

ANCHORS

## DROP IN ANCHORS

- Ideal for overhead applications
- Uses include hollow core, precast, and post tension slabs



| Thread Size | Drill Size | Embedment | Box/Carton | Stainless Part Number | Zinc Part Number |
|-------------|------------|-----------|------------|-----------------------|------------------|
| 1/4"        | 3/8"       | 1"        | 100 / 1000 | F-110250              | F-110218         |
| 3/8"        | 1/2"       | 1-5/8"    | 50 / 500   | F-110251              | F-110220         |
| 1/2"        | 5/8"       | 2"        | 50 / 500   | F-110252              | F-110225         |
| 5/8"        | 7/8"       | 2-1/2"    | 25 / 200   | F-110253              | F-110227         |
| 3/4"        | 1"         | 3-1/4"    | 25 / 150   | F-110254              | F-110230         |

## DROP IN ANCHOR SETTING TOOL

- For use in setting drop in anchors (see above)



| Size | Part Number |
|------|-------------|
| 1/4" | F-110199    |
| 3/8" | F-110200    |
| 1/2" | F-110202    |
| 5/8" | F-110204    |
| 3/4" | F-110206    |

## LAG SCREW SHIELD (SHORT & LONG)

- Medium duty anchor used in concrete, tile, brick, cinder block, mortar, and stone
- Used with lag screws
- Rustproof



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| Fits Lag Size | Drill Size | Anchor Length | Box/Carton | Part Number |
|---------------|------------|---------------|------------|-------------|
| 1/4"          | 1/2"       | 1"            | 50 / 1000  | F-110266    |
| 5/16"         | 1/2"       | 1-1/4"        | 50 / 1000  | F-110268    |
| 3/8"          | 5/8"       | 1-3/4"        | 50 / 500   | F-110270    |
| 1/2"          | 3/4"       | 2"            | 25 / 500   | F-110274    |
| 5/8"          | 7/8"       | 2"            | 25 / 250   | F-110278    |



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| Fits Lag Size | Drill Size | Anchor Length | Box/Carton | Part Number |
|---------------|------------|---------------|------------|-------------|
| 1/4"          | 1/2"       | 1-1/2"        | 50 / 1000  | F-110267    |
| 5/16"         | 1/2"       | 1-3/4"        | 50 / 1000  | F-110269    |
| 3/8"          | 5/8"       | 2-1/2"        | 50 / 500   | F-110271    |
| 1/2"          | 3/4"       | 3"            | 25 / 500   | F-110275    |
| 5/8"          | 7/8"       | 3-1/2"        | 25 / 200   | F-110279    |

# ANCHORS

## HEX NUT SLEEVE ANCHORS

- Fully assembled and ready to use
- Most versatile anchor heavy duty anchor available

| Anchor Size   | Drill Size | Box/<br>Carton | Part<br>Number  |
|---------------|------------|----------------|-----------------|
| 3/8" X 3"     | 3/8"       | 50 / 400       | <b>F-110354</b> |
| 3/8" X 4"     | 3/8"       | 50 / 400       | <b>F-110358</b> |
| 1/2" X 2-1/4" | 1/2"       | 25 / 200       | <b>F-110368</b> |
| 1/2" X 3"     | 1/2"       | 25 / 200       | <b>F-110370</b> |
| 1/2" X 4"     | 1/2"       | 25 / 200       | <b>F-110372</b> |
| 1/2" X 6"     | 1/2"       | 25 / 200       | <b>F-110374</b> |
| 5/8" X 2-1/4" | 5/8"       | 25 / 200       | <b>F-110380</b> |
| 5/8" X 3"     | 5/8"       | 25 / 200       | <b>F-110382</b> |
| 5/8" X 4-1/4" | 5/8"       | 10 / 80        | <b>F-110385</b> |
| 5/8" X 6"     | 5/8"       | 10 / 80        | <b>F-110390</b> |



ANCHORS

## WEDGE ANCHORS

- Heavy duty use
- High pull out strength
- Anchor diameter and hole diameter are the same to simplify installation
- Ideal for installing machinery, hand rails, dock bumpers, storage racks, etc.



| Anchor Size      | Drill Size | Box/<br>Carton | Stainless<br>Part Number | Zinc<br>Part Number | Galvanized<br>Part Number |
|------------------|------------|----------------|--------------------------|---------------------|---------------------------|
| 1/4"-20 X 1-3/4" | 1/4"       | 100 / 800      | <b>F-110629</b>          | <b>F-110491</b>     | <b>F-110491G</b>          |
| 1/4"-20 X 2-1/4" | 1/4"       | 100 / 800      | <b>F-110630</b>          | <b>F-110493</b>     | <b>F-110493G</b>          |
| 1/4"-20 X 3-1/4" | 1/4"       | 100 / 800      | <b>F-110631</b>          | <b>F-110497</b>     | <b>F-110497G</b>          |
| 3/8"-16 X 2-1/4" | 3/8"       | 50 / 400       | <b>F-110632</b>          | <b>F-110503</b>     | <b>F-110503G</b>          |
| 3/8"-16 X 2-3/4" | 3/8"       | 50 / 400       | <b>F-110633</b>          | <b>F-110505</b>     | <b>F-110505G</b>          |
| 3/8"-16 X 3"     | 3/8"       | 50 / 400       | <b>F-110634</b>          | <b>F-110506</b>     | <b>F-110506G</b>          |
| 3/8"-16 X 3-3/4" | 3/8"       | 50 / 400       | <b>F-110635</b>          | <b>F-110509</b>     | <b>F-110509G</b>          |
| 3/8"-16 X 5"     | 3/8"       | 50 / 400       | <b>F-110636</b>          | <b>F-110515</b>     | <b>F-110515G</b>          |
| 3/8"-16 X 7"     | 3/8"       | 20 / 200       | <b>F-110639</b>          | <b>F-110519</b>     | <b>F-110519G</b>          |
| 1/2"-13 X 2-3/4" | 1/2"       | 25 / 200       | <b>F-110641</b>          | <b>F-110541</b>     | <b>F-110541G</b>          |
| 1/2"-13 X 3-1/4" | 1/2"       | 25 / 200       | <b>F-110641A</b>         | <b>F-110542</b>     | <b>F-110542G</b>          |
| 1/2"-13 X 3-3/4" | 1/2"       | 25 / 200       | <b>F-110642</b>          | <b>F-110543</b>     | <b>F-110543G</b>          |
| 1/2"-13 X 4-1/4" | 1/2"       | 25 / 200       | <b>F-110643</b>          | <b>F-110544</b>     | <b>F-110544</b>           |
| 1/2"-13 X 4-1/2" | 1/2"       | 25 / 200       | <b>F-110643A</b>         | <b>F-110545</b>     | <b>F-110545G</b>          |
| Anchor Size      | Drill Size | Box/<br>Carton | Stainless<br>Part Number | Zinc<br>Part Number | Galvanized<br>Part Number |

# ANCHORS

ANCHORS

## WEDGE ANCHORS (continued)



|                  |      |          |                 |                 |                  |
|------------------|------|----------|-----------------|-----------------|------------------|
| 1/2"-13 X 5-1/2" | 1/2" | 25 / 150 | <b>F-110646</b> | <b>F-110549</b> | <b>F-110549G</b> |
| 1/2"-13 X 7"     | 1/2" | 25 / 150 | <b>F-110650</b> | <b>F-110555</b> | <b>F-110555</b>  |
| 1/2"-13 X 8-1/2" | 1/2" | 25 / 150 | <b>F-110652</b> | <b>F-110558</b> | <b>F-110558G</b> |
| 1/2"-13 X 10"    | 1/2" | 25 / 150 | <b>F-110655</b> | <b>F-110560</b> | <b>F-110560G</b> |
| 5/8"-11 X 3-1/2" | 5/8" | 10 / 80  | <b>F-110657</b> | <b>F-110562</b> | <b>F-110562G</b> |
| 5/8"-11 X 4"     | 5/8" | 10 / 80  | <b>F-110658</b> | <b>F-110564</b> | <b>F-110564G</b> |
| 5/8"-11 X 4-1/4" | 5/8" | 10 / 80  | <b>F-110659</b> | <b>F-110565</b> | <b>F-110565G</b> |
| 5/8"-11 X 4-1/2" | 5/8" | 10 / 80  | <b>F-110660</b> | <b>F-110566</b> | <b>F-110566G</b> |
| 5/8"-11 X 5"     | 5/8" | 10 / 80  | <b>F-110661</b> | <b>F-110568</b> | <b>F-110568G</b> |
| 5/8"-11 X 6"     | 5/8" | 10 / 80  | <b>F-110665</b> | <b>F-110570</b> | <b>F-110570G</b> |
| 5/8"-11 X 7"     | 5/8" | 10 / 80  | <b>F-110667</b> | <b>F-110572</b> | <b>F-110572G</b> |
| 5/8"-11 X 8-1/2" | 5/8" | 10 / 80  | <b>F-110671</b> | <b>F-110575</b> | <b>F-110575G</b> |
| 5/8"-11 X 10"    | 5/8" | 10 / 40  | <b>F-110673</b> | <b>F-110578</b> | <b>F-110578G</b> |
| 3/4"-10 X 4-1/4" | 3/4" | 10 / 80  | <b>F-110675</b> | <b>F-110582</b> | <b>F-110582G</b> |
| 3/4"-10 X 4-3/4" | 3/4" | 10 / 80  | <b>F-110677</b> | <b>F-110584</b> | <b>F-110584G</b> |
| 3/4"-10 X 5-1/2" | 3/4" | 10 / 60  | <b>F-110680</b> | <b>F-110587</b> | <b>F-110587G</b> |
| 3/4"-10 X 6-1/4" | 3/4" | 10 / 60  | <b>F-110683</b> | <b>F-110590</b> | <b>F-110590G</b> |
| 3/4"-10 X 7"     | 3/4" | 10 / 60  | <b>F-110685</b> | <b>F-110593</b> | <b>F-110593G</b> |
| 3/4"-10 X 8-1/2" | 3/4" | 10 / 40  | <b>F-110688</b> | <b>F-110596</b> | <b>F-110596G</b> |
| 3/4"-10 X 10"    | 3/4" | 10 / 40  | <b>F-110692</b> | <b>F-110599</b> | <b>F-110599G</b> |
| 3/4"-10 X 12"    | 3/4" | 10 / 40  | <b>F-110694</b> | <b>F-110603</b> | <b>F-110603G</b> |
| 1"-8 X 6"        | 1"   | 5 / 30   | <b>F-110703</b> | <b>F-110622</b> | <b>F-110622G</b> |
| 1"-8 X 9"        | 1"   | 5 / 30   | <b>F-110709</b> | <b>F-110625</b> | <b>F-110625G</b> |
| 1"-8 X 12"       | 1"   | 5 / 30   | <b>F-110715</b> | <b>F-110628</b> | <b>F-110628G</b> |

# ANCHORS

## WEJ-IT BRAND EPOXY

### ALL WEATHER FORMULA

- WORKING RANGE OF -15 F TO 120 F
- SETS IN WATER FILLED HOLES
- BONDS TO DIAMOND CORED HOLES

| Description      | Box. Qty. | Part Number |
|------------------|-----------|-------------|
| 8.5 OZ CARTRIDGE | 12        | F-110970    |
| 28 OZ CARTRIDGE  | 8         | F-110971    |



### FAST SET FORMULA

- NON SHRINK
- NON SAG
- LOW ODOR
- WATER INSENSITIVE

| Description      | Box. Qty. | Part Number |
|------------------|-----------|-------------|
| 8.5 OZ CARTRIDGE | 12        | F-110973    |
| 22 OZ CARTRIDGE  | 8         | F-110974    |



## ACCESSORIES

| Description                        | Box. Qty. | Part Number |
|------------------------------------|-----------|-------------|
| 1/2" MIXING NOZZLE FOR 8.5 OZ      | 6         | F-110976    |
| 3/8" MIXING NOZZLE FOR LARGE CART. | 6         | F-110977    |
| 1/2" MIXING NOZZLE FOR LARGE CART. | 6         | F-110978    |
| MANUAL DISPENSER FOR 28 OZ         | 1         | F-110980    |
| MANUAL DISPENSER FOR 22 OZ         | 1         | F-110981    |
| 3/8 X 14" NYLON EPOXY SCREEN       | 10        | F-110985    |
| 1/2 X 14" NYLON EPOXY SCREEN       | 10        | F-110986    |
| 5/8 X 14" NYLON EPOXY SCREEN       | 10        | F-110987    |
| 3/4 X 14" NYLON EPOXY SCREEN       | 10        | F-110988    |



# ANCHORS

ANCHORS



## FLAT PHILLIPS CONCRETE SCREWS

BLUE COATED

- Medium duty fastening
- Can be removed and re-installed
- Taps its own threads into concrete

| Size           | Drill Size | Box/Carton | Part Number     |
|----------------|------------|------------|-----------------|
| 3/16" X 1-1/4" | 5/32"      | 100 / 1000 | <b>F-111010</b> |
| 3/16" X 1-3/4" | 5/32"      | 100 / 1000 | <b>F-111012</b> |
| 3/16" X 2-1/4" | 5/32"      | 100 / 1000 | <b>F-111014</b> |
| 3/16" X 2-3/4" | 5/32"      | 100 / 1000 | <b>F-111016</b> |
| 3/16" X 3-1/4" | 5/32"      | 100 / 1000 | <b>F-111018</b> |
| 3/16" X 3-3/4" | 5/32"      | 100 / 1000 | <b>F-111020</b> |
| 3/16" X 4"     | 5/32"      | 100 / 1000 | <b>F-111021</b> |
| 1/4" X 1-1/4"  | 3/16"      | 100 / 1000 | <b>F-111022</b> |
| 1/4" X 1-3/4"  | 3/16"      | 100 / 1000 | <b>F-111024</b> |
| 1/4" X 2-1/4"  | 3/16"      | 100 / 1000 | <b>F-111026</b> |
| 1/4" X 2-3/4"  | 3/16"      | 100 / 1000 | <b>F-111028</b> |
| 1/4" X 3-1/4"  | 3/16"      | 100 / 1000 | <b>F-111030</b> |
| 1/4" X 3-3/4"  | 3/16"      | 100 / 1000 | <b>F-111032</b> |
| 1/4" X 4"      | 3/16"      | 100 / 1000 | <b>F-111033</b> |
| 1/4" X 5"      | 3/16"      | 100 / 1000 | <b>F-111038</b> |
| 3/8" X 4"      | 5/16"      | 100 / 1000 | <b>F-111062</b> |
| 3/8" X 5"      | 5/16"      | 100 / 1000 | <b>F-111066</b> |



## RED HEAD BRAND EPOXY

- Meets Buy American Provision



| A7 Epoxy | Description      | Part Number     |
|----------|------------------|-----------------|
|          | 8 oz. Cartridge  | <b>F-110450</b> |
|          | 10 oz. Cartridge | <b>F-110452</b> |
|          | 28 oz. Cartridge | <b>F-110454</b> |

| C6 Epoxy | Description      | Part Number     |
|----------|------------------|-----------------|
|          | 18 oz. Cartridge | <b>F-110456</b> |

| G5 Epoxy | Description      | Part Number     |
|----------|------------------|-----------------|
|          | 22 oz. Cartridge | <b>F-110458</b> |

# ANCHORS

ANCHORS

## HEX CONCRETE SCREWS

BLUE COATED

- Medium duty fastening
- Can be removed and re-installed
- Taps its own threads into concrete

| Size           | Drill Size | Box/<br>Carton | Part<br>Number |
|----------------|------------|----------------|----------------|
| 3/16" X 1-1/4" | 5/32"      | 100 / 1000     | F-111110       |
| 3/16" X 1-3/4" | 5/32"      | 100 / 1000     | F-111112       |
| 3/16" X 2-1/4" | 5/32"      | 100 / 1000     | F-111114       |
| 3/16" X 2-3/4" | 5/32"      | 100 / 1000     | F-111116       |
| 3/16" X 3-1/4" | 5/32"      | 100 / 1000     | F-111118       |
| 3/16" X 3-3/4" | 5/32"      | 100 / 1000     | F-111120       |
| 1/4" X 1-1/4"  | 3/16"      | 100 / 1000     | F-111122       |
| 1/4" X 1-3/4"  | 3/16"      | 100 / 1000     | F-111124       |
| 1/4" X 2-1/4"  | 3/16"      | 100 / 1000     | F-111126       |
| 1/4" X 2-3/4"  | 3/16"      | 100 / 1000     | F-111128       |
| 1/4" X 3-1/4"  | 3/16"      | 100 / 1000     | F-111130       |
| 1/4" X 3-3/4"  | 3/16"      | 100 / 1000     | F-111132       |
| 1/4" X 4"      | 3/16"      | 100 / 1000     | F-111133       |
| 1/4" X 5"      | 3/16"      | 100 / 1000     | F-111137       |



## EPOXY DISPENSER GUNS

| Description         | Part Number |
|---------------------|-------------|
| 10 oz. for A7 Epoxy | F-110430    |
| 28 oz. for A7 Epoxy | F-110435    |



## NOZZLES

| Description         | Part Number |
|---------------------|-------------|
| Standard Mix Nozzle | F-110460    |
| Nozzle for G5 Epoxy | F-110462    |

# ***Special Request?***

***Email our purchasing department  
for availability.***

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