

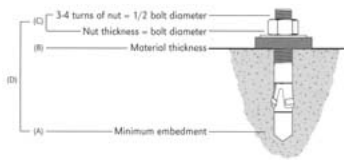
# wej-it<sup>®</sup> WEDGE ANCHORS

## AT WEDGE ANCHORS

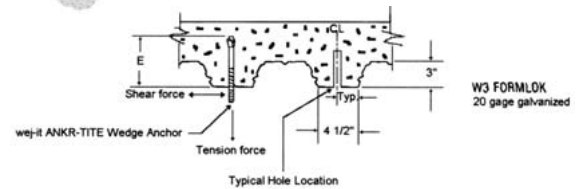


### Key Features/Benefits

- Will fit through a 1/16" larger pre-punched hole.
- Sets up fast. Needs less rotation to achieve required torque.
- Unique "Safety Shoulder" feature. Supports clip when anchor is under strain, minimizes bolt-end collapse and/or clip slippage under ultimate loading conditions.
- Enlarged dimples on clip. Reduces slip, more responsive in lighter concrete.
- 360° segment contact on clip. Equalizes load distribution providing greater load performance carrying capacity and "more forgiving" design.



Minimum Embedment	(A)
+ Material Thickness	+ (B)
+ 1-1/2 x Bolt Diameter	+ (C)
= Total Anchor Length	= (D)



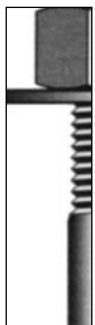
### Order Information

Carbon Steel		Stainless Steel		Anchor Diameter & Length (in)	Minimum Embedment (in)
Zinc Plated	Galvanized	303/302HQ	316		
AT1413	ATG1413	ATS1413	•	1/4 x 1-3/4	1-1/4
AT1421	ATG1421	ATS1421	ATSS1421	1/4 x 2-1/4	1-1/4
AT1431	ATG1431	ATS1431	ATSS1431	1/4 x 3-1/4	1-1/4
AT3821	ATG3821	ATS3821	ATSS3821	3/8 x 2-1/4	1-3/4
AT3823	ATG3823	ATS3823	ATSS3823	3/8 x 2-3/4	1-3/4
AT3830	ATG3830	ATS3830	ATSS3830	3/8 x 3	1-3/4
AT3833	ATG3833	ATS3833	ATSS3833	3/8 x 3-3/4	1-3/4
AT3850	ATG3850	ATS3850	•	3/8 x 5	1-3/4
AT1223	ATG1223	ATS1223	ATSS1223	1/2 x 2-3/4	2-1/8
AT1233	ATG1233	ATS1233	ATSS1233	1/2 x 3-3/4	2-1/8
AT1241	ATG1241	ATS1241	ATSS1241	1/2 x 4-1/4	2-1/8
AT1252	ATG1252	ATS1252	ATSS1252	1/2 x 5-1/2	2-1/8
AT1270	ATG1270	ATS1270	•	1/2 x 7	2-1/8
AT5832	ATG5832	ATS5832	•	5/8 x 3-1/2	2-5/8
AT5841	ATG5841	ATS5841	ATSS5841	5/8 x 4-1/4	2-5/8
AT5850	ATG5850	ATS5850	ATSS5850	5/8 x 5	2-5/8
AT5860	ATG5860	ATS5860	ATSS5860	5/8 x 6	2-5/8

Carbon Steel		Stainless Steel		Anchor Diameter & Length (in)	Minimum Embedment (in)
Zinc Plated	Galvanized	303/302HQ	316		
AT5870	ATG5870	ATS5870	•	5/8 x 7	2-5/8
AT5882	ATG5882	ATS5882	•	5/8 x 8-1/2	2-5/8
AT5810	•	•	•	5/8 x 10	2-5/8
AT3441	ATG3441	ATS3441	•	3/4 x 4-1/4	3-1/4
AT3443	ATG3443	ATS3443	ATSS3443	3/4 x 4-3/4	3-1/4
AT3452	ATG3452	ATS3452	ATSS3452	3/4 x 5-1/2	3-1/4
AT3461	ATG3461	ATS3461	•	3/4 x 6-1/4	3-1/4
AT3470	ATG3470	ATS3470	ATSS3470	3/4 x 7	3-1/4
AT3482	ATG3482	ATS3482	•	3/4 x 8-1/2	3-1/4
AT3410	ATG3410	ATS3410	•	3/4 x 10	3-1/4
AT3412	ATG3412	•	•	3/4 x 12	3-1/4
AT7860	ATG7860	•	•	7/8 x 6	3-7/8
AT7880	ATG7880	•	•	7/8 x 8	3-7/8
AT7810	ATG7810	•	•	7/8 x 10	3-7/8
AT1060	ATG1060	ATS1060	•	1 x 6	4-1/2
AT1090	ATG1090	ATS1090	•	1 x 9	4-1/2
AT1012	ATG1012	ATS1012	•	1 x 12	4-1/2

## THE ORIGINAL wej-it<sup>®</sup> WEDGE ANCHORS

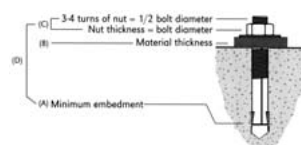
### Order Information



### Key Features/Benefits

- Time-Tested, Proven Reliability. An industry standard for over 45 years.
- Fully Assembled and Ready to Use. Unparalleled job-site convenience.
- BOLT SIZE IS HOLE SIZE<sup>®</sup>. Allows precision placement of equipment through pre-drilled holes.
- Exclusive "Positive Wedge Connections." Minimizes wedge loosening due to vibratory loads.

### Length Selection Guide



Minimum Embedment	(A)
+ Material Thickness	+ (B)
+ 1-1/2 x Bolt Diameter	+ (C)
= Total Anchor Length	= (D)

Catalog Number	Anchor Diameter & Length (in)	Catalog Number	Anchor Diameter & Length (in)
1413	1/4 x 1-3/4	5832	5/8 x 3-1/2
1423	1/4 x 2-3/4	5842	5/8 x 4-1/2
1430	1/4 x 3	5850	5/8 x 5
5620	5/16 x 2	5860	5/8 x 6
5630	5/16 x 3	5870	5/8 x 7
3820	3/8 x 2	3440	3/4 x 4
3823	3/8 x 2-3/4	3450	3/4 x 5
3832	3/8 x 3-1/2	3460	3/4 x 6
3850	3/8 x 5	3470	3/4 x 7
3860	3/8 x 6	3482	3/4 x 8-1/2
1223	1/2 x 2-3/4	3410	3/4 x 10
1232	1/2 x 3-1/2	7880	7/8 x 8
1250	1/2 x 5	7810	7/8 x 10
1260	1/2 x 6	7812	7/8 x 12
1270	1/2 x 7	1080	1 x 8
		1010	1 x 10
		1012	1 x 12

### wej-it<sup>®</sup> ANCHORS

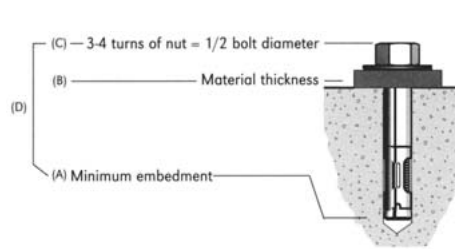
#### SLEEVE ANCHORS

##### Length Selection Guide



##### Key Features/Benefits

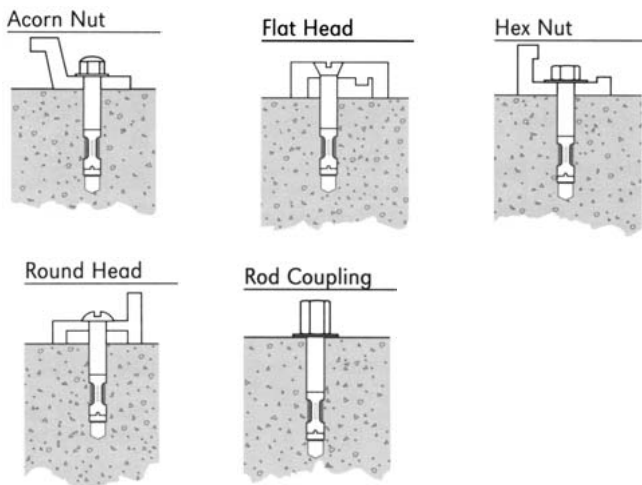
- **Fully Assembled and Ready to Use.** Speeds installation and eliminates the problem of missing components.
- **Suitable for Wide Variety of Applications.** Available in a variety of head styles to meet all your anchoring needs.
- **Usable in Multiple Masonry Substrates.** Poured concrete, grouted blocks, horizontal mortar joints and hollow concrete blocks.



Minimum Embedment	(A)
+ Material Thickness	+ (B)
+ 1/2 x Bolt Diameter	+ (C)
= Total Anchor Length	= (D)

##### Available Head Styles

##### Order Information



Catalog Number	Head Style	Anchor Diameter & Length (in)
ASA 1413	Acorn Nut	1/4 x 1-3/8
ASA 1421		1/4 x 2-1/4
HSA 5612	Hex Nut	5/16 x 1-1/2
HSA 5622		5/16 x 2-1/2
HSA 3813	Hex Nut	3/8 x 1-7/8
HSA 3830		3/8 x 3
HSA 1221	Hex Nut	1/2 x 2-1/4
HSA 1230		1/2 x 3
HSA 1240		1/2 x 4
HSA 1260		1/2 x 6
HSA 5821	Hex Nut	5/8 x 2-1/4
HSA 5830		5/8 x 3
HSA 5841		5/8 x 4-1/4
HSA 5860		5/8 x 6
HSA 3422	Hex Nut	3/4 x 2-1/2
HSA 3440		3/4 x 4
HSA 3461		3/4 x 6-1/4

Catalog Number	Head Style	Anchor Diameter & Length (in)
CSA 3813	Rod	3/8 x 1-7/8
CSA 1221	Coupling	1/2 x 2-1/4
FSA 1421	Flat	1/4 x 2
FSA 1431	Head	1/4 x 3
FSA 1440	Slotted	1/4 x 4
FSA 3823	Flat	3/8 x 2-3/4
FSA 3840	Head	3/8 x 4
FSA 3850	Slotted	3/8 x 5
FSA 3860		3/8 x 6
RSA 1420	Round	1/4 x 2
RSA 1430	Head	1/4 x 3
RSA 3823	Slotted	3/8 x 2-3/4

### POWER-DROP<sup>®</sup> DROP-IN ANCHORS



##### Key Features/Benefits

- **Internally Threaded.** Wedge anchor performance with the removable convenience of a drop-in.
- **Numerous Head-Style Options.** May be used with machine screws, bolts, threaded rod and a variety of other male threaded fasteners.
- **Safety Shoulder.** Supports clip when anchor is under strain, eliminating bolt-end collapse and/or clip slippage under ultimate loading conditions.
- **Equipment Installation.** The POWER-Drop sets below the surface of the concrete, allowing equipment to be unbolted and moved easily. This also leaves the surface of the floor flat.
- **Tamperproof installation.** When used in conjunction with a tamperproof headed bolt, such as in the installation of ATMs.

- **Break-away Hold.** When used in conjunction with low-tensile bolts, State DOTs and Highway Contractors can use the POWER-Drop for communications equipment and signage.
- **Temporary Holder Power.** During construction process the POWER-Drop can be installed below the surface of the concrete and grouted over after being used.
- **Available in a variety of sizes and materials.** Zinc Carbon Steel, Mechanically Galvanized and Stainless Steel.
- **Seismic approved.** Allowable values may be increased 33-1/3 percent for short-term loading in resisting earthquake or wind loads.

Catalog Number	Carbon Steel	Bolt Size
PD-38	Zinc Plated	3/8
PD-12		1/2
PD-58		5/8
PD-34		3/4
PD-1		1

# wej-it<sup>®</sup> ANCHORS & SHIELDS

## DROP-IN ANCHORS

### Key Features/Benefits

- **Ideal for Overhead Applications.** Requires relatively shallow embedment and eliminates requirement for rod couplings when threaded rod is dropped from ceiling.

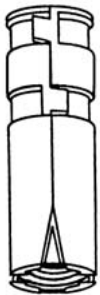
- **Highly Dependable.** Complete anchor setting is assured; simply drive the internal expander plug home with a hammer or mallet.

### Maximum Tensile and Shear Guidelines for Static Loads

Catalog Number	Stainless Steel	Catalog Number Setting Tools	Anchor/NC Thread Diameter (in)	Drill Size Hole Size (in)
WD14	WDS14	ST14	1/4	3/8
WD38	WDS38	ST38	3/8	1/2
WD12	WDS14	ST12	1/2	5/8
WD58		ST58	5/8	7/8
WD34		ST34	3/4	1

### Order Information

Catalog Number	Stainless Steel	Catalog Number Settings Tools	Anchor Thread Size (in)	Anchor Diameter & Length (in)
WD14	WDS14	ST14	1/4	3/8 x 1
WD38	WDS38	ST38	3/8	1/2 x 1-5/8
WD12	WDS12	ST12	1/2	5/8 x 2
WD58	•	ST58	5/8	7/8 x 2-1/2
WD34	•	ST34	3/4	1 x 3-1/4



## SINGLE EXPANSION SHIELDS

### Key Features/Benefits

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

### Order Information

Catalog Number	internal Diameter	Hole Size
SES14	1/4	1/2
SES56	5/16	5/8
SES38	3/8	5/8
SES12	1/2	7/8
SES58	5/8	1

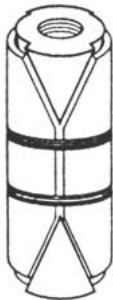
## DOUBLE EXPANSION SHIELDS

### Key Features/Benefits

- Uses include fastening into rock, concrete, brick, etc.
- Eliminates high stress points detrimental to fastening into materials of medium hardness; has high gripping power and expands fully.
- Ideal for shear loads or where bolt is subject to side pressure or vibration.
- Does not fracture, permits fastening at any length.

### Order Information

Catalog Number	internal Diameter	Hole Size
DES14	1/4	1/2
DES56	5/16	5/8
DES38	3/8	3/4
DES12	1/2	7/8
DES58	5/8	1
DES34	3/4	1-1/4



## CENTER PIN DRIVE ANCHORS

### Key Features/Benefits

- Easy to install—just hammer the center pin and it's set. Anchor tensions itself automatically, so no wrench is needed.
- Visually inspectable—anchor is set when center pin is flush with top of hole.
- Depth of hole not critical—no depth gauge required.
- No templates required—the actual diameter of the anchor is the same as its nominal diameter.
- Yellow dichromate finish for superior corrosion resistance.

### Order Information

Catalog Number	Anchor Diameter & Length
CP1413	1/4" x 1-3/4"
CP1423	1/4" x 2-3/8"
CP5620	5/16" x 2"
CP5623	5/16" x 2-3/4"
CP3823	3/8" x 2-3/8"
CP3832	3/8" x 3-1/2"
CP3843	3/8" x 4-3/4"
CP1223	1/2" x 2-3/4"
CP1232	1/2" x 3-1/2"
CP1243	1/2" x 4-3/4"
CP1260	1/2" x 6"
CP5840	5/8" x 4"



# wej-it<sup>®</sup> SCREWS, NAILS & ANCHORS

## CONCRETE SCREWS



### Key Features/Benefits

- Cuts threads in structural concrete, hollow block, brick, mortar, concrete masonry units and many others.
- Step thread design:
  - Increases ease of installation
  - Increases pullout values
- No sleeve or shield required
- Taps its own thread
- Drill bit included in each box.

Catalog No.	Shank Diameter	Head Style	Length
FCS3611	3/16	Phillips Flat	1-1/4
FCS3613	3/16	Phillips Flat	1-3/4
FCS3621	3/16	Phillips Flat	2-1/4
FCS3623	3/16	Phillips Flat	2-3/4
FCS3631	3/16	Phillips Flat	3-1/4
FCS3633	3/16	Phillips Flat	3-3/4
FCS3640	3/16	Phillips Flat	4
FCS1411	1/4	Phillips Flat	1-1/4
FCS1413	1/4	Phillips Flat	1-3/4
FCS1421	1/4	Phillips Flat	2-1/4
FCS1423	1/4	Phillips Flat	2-3/4
FCS1431	1/4	Phillips Flat	3-1/4
FCS1433	1/4	Phillips Flat	3-3/4
FCS1440	1/4	Phillips Flat	4
FCS1450	1/4	Phillips Flat	5

Catalog No.	Shank Diameter	Head Style	Length
HCS3611	3/16	Hex Combo	1-1/4
HCS3613	3/16	Hex Combo	1-3/4
HCS3621	3/16	Hex Combo	2-1/4
HCS3623	3/16	Hex Combo	2-3/4
HCS3631	3/16	Hex Combo	3-1/4
HCS3633	3/16	Hex Combo	3-3/4
HCS1411	1/4	Hex Combo	1-1/4
HCS1413	1/4	Hex Combo	1-3/4
HCS1421	1/4	Hex Combo	2-1/4
HCS1423	1/4	Hex Combo	2-3/4
HCS1431	1/4	Hex Combo	3-1/4
HCS1433	1/4	Hex Combo	3-3/4
HCS1440	1/4	Hex Combo	4
HCS1450	1/4	Hex Combo	5
HCS1440	1/4	Hex Combo	4
HCS1450	1/4	Hex Combo	5
CSDT DRIVE TOOL KIT			1

## DRIVE NAILS

### Maximum Tensile Guidelines for Static Loads

Notes:



Catalog Number	Anchor Diameter/Length (in)	Drill Size (in)
DN3678	3/16 x 7/8	3/16
DN1403	1/4 x 3/4	1/4
DN1410	1/4 x 1	1/4
DN1411	1/4 x 1-1/4	1/4
DN1412	1/4 x 1-1/2	1/4
DN1420	1/4 x 2	1/4

- CAUTION: Drive Nail Anchors are not recommended for structural or overhead applications.
- Information provided only for the use of a qualified design engineer. Use of technical data by persons not qualified could cause serious damage, injury or even death.
- Ultimate values shown. For static loads, use one-fourth of the maximum tensile and shear capacities for the recommended 4:1 safety factor.
- Source (available upon request): UES Technical Information.
- From time-to-time, **wej-it<sup>®</sup>** Drive Nails are purchased from reputable alternative sources. Physical characteristics and holding values are similar, but may not be exact. **wej-it<sup>®</sup>** recommends that specifiers and users of these products exercise good engineering judgement in applying these values. Always use at least a 4:1 safety factor when determining design anchor capacity.

## AVAILABLE HEAD STYLES

### Order Information



Flat Head Nylon DNF



Round Head Nylon DNR



Mushroom Nylon DNN

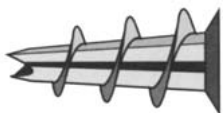
Zinc Plated Nail	Catalog Number			Size (in)
	Mush. Head	Flat Head	Round Head	
DN3678	•	•	•	3/16 x 7/8
•	DNN3610	DNF3610	DNR3610	3/16 x 1
•	•	DNF3612	DNR3612	3/16 x 1-1/2
DN1403	DNN1403	•	•	1/4 x 3/4
DN1410	DNN1410	DNF1410	DNR1410	1/4 x 1
DN1411	•	•	•	1/4 x 1-1/4
DN1412	DNN1412	DNF1412	DNR1412	1/4 x 1-1/2
DN1420	DNN1420	DNF1420	DNR1420	1/4 x 2
•	DNN1430	•	•	1/4 x 3

## DRYWALL AUGERS

### Key Features/Benefits

- Available in Zinc or Nylon.
- Unique expandable design provides ultimate holding power.
- Ideal for fastening to drywall and other low density substrates.
- Replaces many types of anchors including moll-type, plastic plugs and toggle type.
- Easily removable by simply backing out screw.
- No special tools needed. Only a Phillips screwdriver or an electric drill.

### Order Information



Part Number	Substrate Thickness	Description
DWAN8	3/8 to 1	#8 Nylon
DWAS8	3/8 to 1	#8 Steel

**wej-it** FASTENERS

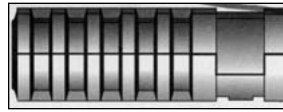
**LEAD EXPANSION ANCHORS**



**Key Features/Benefits**

- Quick installation of lightweight fixtures in masonry and concrete
- Can be used with lag, wood or sheet metal screws
- Expands without turning
- Not affected by moisture or chemicals

**LAG SCREW SHIELDS**



**Key Features/Benefits**

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

**Order Information**

Catalog Number	Description	Screw Size x Anchor Length	Fractional Screw Size
LA0603	Lead expansion anchor	6-8 x 3/4	1/8-3/16
LA0610	Lead expansion anchor	6-8 x 1	1/8-3/16
LA0612	Lead expansion anchor	6-8 x 1-1/2	1/8-3/16
LA1010	Lead expansion anchor	10-12-14 x 1	3/16-1/4
LA1012	Lead expansion anchor	10-12-14 x 1-1/2	3/16-1/4
LA1610	Lead expansion anchor	16-18 x 1	5/16

Catalog Number	Description	Screw Size x Anchor Length	Fractional Screw Size
LSS14	Short lag shield	1/4 x 1	1/4
LSS56	Short lag shield	5/16 x 1-1/4	5/16
LSS38	Short lag shield	3/8 x 1-1/4	3/8
LSS12	Short lag shield	1/2 x 2	7/8
LSS58	Short lag shield	5/8 x 2	5/8
LSL14	Short lag shield	1/4 x 1-1/2	1/4
LSL56	Short lag shield	5/16 x 1-3/4	5/16
LSL38	Short lag shield	3/8 x 2-1/2	3/8
LSL12	Short lag shield	1/2 x 3	7/8
LSL58	Short lag shield	5/8 x 3-1/2	5/8

**MACHINE SCREW ANCHORS**



- For medium duty use in concrete, brick or stone
- Closed bottom
- Setting tool provided in each box of anchors
- Fits into irregular holes.
- Rust proof



**PLASTIC PLUGS**

- Each size anchor accommodates several screw sizes
- Use with sheet metal screws or wood screws
- Ideal for quick installation of lighter objects to concrete, brick, cinder block, etc.
- Superior in hot or cold environments
- Acid resistant

**PLASTIC TOGGLES**



- For use in hollow dry-wall, wood, concrete, paneling, masonry tile and more
- Fast and easy to use
- Inexpensive installation
- Uses screw sizes #6-#16
- If screw is removed, anchor stays in place

**PLASTIC CONICAL ANCHORS**



- For light duty use in concrete, block, brick and wallboard
- Reusable Blister box
- Superior in extreme hot or cold environments
- High quality, low cost installation

**Order Information**

Catalog Number	Description	Size	Screw Size	
MS14	Machine screw anchor	1/4-20 x 7/8	1/4	
MS56	Machine screw anchor	5/16-18 x 1	5/16	
MS38	Machine screw anchor	3/8-16 x 1-1/4	3/8	
Catalog Number	Description	Size	Wall Depth	Base Screw Size
PTS38	Plastic toggle	3/8 short	3/8	#8 x 1-1/4
PTL12	Plastic toggle	1/2 long	1/2	#10 x 1-1/2
PTXL58	Plastic toggle	5/8 xtra long	5/8	#10 x 1-3/4
Catalog Number	Description	Size		
PP0603	Plastic plug	6-8 x 3/4		
PP0810	Plastic plug	6-10-12 x 1		
Catalog Number	Description	Size		
PC0603	Plastic conical anchor	6-8 x 3/4		
PC0807	Plastic conical anchor	8-10 x 7/8		
PC1010	Plastic conical anchor	10-12 x 1		
PC1413	Plastic conical anchor	14-16 x 1-3/8		

### wej-it<sup>®</sup> FASTENERS

#### HOLLOW WALL ANCHORS



- Greater holding power than nails or screws in hollow walls
- Use in wallboard, plaster and paneling
- Securely fastens mirrors, pictures, drapery rods, towel bars, etc.
- Fixtures can be removed or replaced without removing anchor



- Spring wing type hollow wall anchor
- Two-part assembly consisting of a machine screw and a spring wing toggle
- For use in block, wallboard and other hollow base material

#### Order Information

Catalog Number	Description	Screw Dia.	Wall Thickness
HWXS18	Hollow wall anchor—extra short	1/8	0—1/4
HWS18	Hollow wall anchor—short	1/8	1/8—1/2
HWS36	Hollow wall anchor—short	3/16	1/8—5/8
HWS14	Hollow wall anchor—short	1/4	1/8—5/8
HWL18	Hollow wall anchor—long	1/8	5/8—7/8
HWL36	Hollow wall anchor—long	3/16	5/8—1-1/4
HWL14	Hollow wall anchor—long	1/4	5/8—1-1/4
HWXL36	Hollow wall anchor—extra long	3/16	1-1/4—1-3/4
Catalog Number	Description	Screw Dia.	Wall Thickness
HWLD18	Hollow wall anchor—long drive	1/8	1/8—3/4
HWSD18	Hollow wall anchor—short drive	1/8	1/8—1/2

#### HOLLOW WALL DRIVE ANCHORS



- Easy and quick installation
- Greater holding power than nails or screws in hollow walls
- Use in wallboard, plaster and paneling
- No predrilling required
- Drives into wall in seconds
- Securely fastens mirrors, pictures, drapery rods, towel bars, etc.

#### TOGGLE BOLTS

Catalog Number	Diameter & Length
<b>Round Head</b>	
TBR1820	1/8 x 2
TBR1830	1/8 x 3
TBR1840	1/8 x 4
TBR3620	3/16 x 2
TBR3630	3/16 x 3
TBR3640	3/16 x 4
TBR3650	3/16 x 5
TBR3660	3/16 x 6
TBR1430	1/4 x 3
TBR1440	1/4 x 4
TBR1450	1/4 x 5
TBR1460	1/4 x 6
TBR5630	5/16 x 3
TBR5640	5/16 x 4
TBR5650	5/16 x 5
TBR3840	3/8 x 4
TBR3850	3/8 x 5
TBR3860	3/8 x 6
TBR1240	1/2 x 4
TBR1260	1/2 x 6
<b>Mushroom Head</b>	
TBM1830	1/8 x 3
TBM1840	1/8 x 4
TBM3630	3/16 x 3
TBM3640	3/16 x 4
TBM1430	1/4 x 3
TBM1440	1/4 x 4

#### CHEMICAL CAPSULE ANCHOR SPIN-IN



##### Key Features/Benefits

- **No Expansion Stress.** "Synthetic mortar" bonds stud assembly to concrete. Also performs in lightweight and soft masonry substrates.
- **Useful in Dynamic Load Environment.** Chemical bonding is less likely to "work loose" under shock conditions and vibratory loads.
- **Less Breakage.** Innovative package design.

##### Recommended Cure Times

Temperature (degrees Fahrenheit)	Minimum Cure Time
68 and over	10 minutes
50 to 68	20 minutes
32 to 50	1 hour
23 to 32	5 hours

##### Order Information— ANKR-TITE<sup>®</sup> Chemical Capsules

Catalog Number	Nominal Diameter (in)	Capsule Dimensions (in)	Appropriate Stud Size (in)
M10-38	3/8	7/16 x 3-3/8	3/8
M12-12	1/2	1/2 x 3-3/4	1/2
M16-58	5/8	11/16 x 3-3/4	5/8
M20-34	3/4	27/32 x 4-3/4	3/4
M22-78	7/8	27/32 x 7	7/8
M24-1	1	15/16 x 8-1/4	1
M30-114	1-1/4	1-15/16 x 11	1-1/4

# wej-it® FASTENERS

## Slam-TITE® Hammer-In Chemical Capsules



### Key Features/Benefits

- **Mistake Proof.** 3/8" through 5/8" Capsules can be set either end up. Set larger capsules rounded end down.
- **Economical.** Minimal waste, use only the amount you require.
- **Easy to Install.** No setting tool necessary, just use a hammer to drive in.
- **Reliable.** Works in all types of weather.
- **Clean.** No disposal of excess material necessary.
- **Less Breakage.** Innovative package design.
- **Eliminates Expansion Forces.** Can be used close to a free edge.

### MINIMUM CURE TIMES

Temperature (degrees Fahrenheit)	Minimum Cure Time
68 and over	10 minutes
50 to 68	20 minutes
32 to 50	1 hour
23 to 32	5 hours

1. Surfaces should be clean and free of grease or oil.
2. Select the proper size drill bit. Drill the hole perpendicular to the work surface.\* To assure full holding power, do not ream the hole or allow the drill to wobble.
3. Drill the hole to the embedment depth but not closer than two anchor diameters to the bottom (opposite) surface of the concrete.
4. Thoroughly clean dust from hole. Clean the hole using compressed air and a nylon brush. Dust in the hole will significantly reduce stud pull-out strength.
5. Mark the stud to indicate the hole depth.
6. Check the capsule. Resin should flow like honey. Insert the capsule into the hole rounded end down.
7. Thread nut on rod, then tap rebar or threaded rod with hammer until capsule breaks, then drive in with several sharp hammer blows up to the mark on the stud.†
8. Allow resin to cure for specified time before loading threaded rod or rebar.

\* Always wear safety glasses. Follow the drill manufacturer's safety instructions. Use only solid carbide-tipped drill bits meeting ANSI B212.15 diameter standards as listed on back cover.  
† Fumes and contact with skin may be harmful.

## THE SLAM-TITE® HAMMER IN CAPSULE

Slam-TITE® provides the convenience of a chemical capsule without the installation headaches. **wej-it®** Fastening System's new Slam-TITE® Hammer-In chemical capsules' ease of installation, combined with quick set-up times and excellent holding values, represent a technological breakthrough in the adhesive anchor market. Capsules contain polyester resin and a hardening agent in one easy-to-use glass vial, which when installed is shattered and becomes part of the anchor's aggregate filler.

To install, simply drill a hole in the concrete to the appropriate depth, clean the hole with an air hose or blow out bulb, insert a Slam-TITE® capsule, and drive the threaded rod or rebar home with several hammer blows. Once cured, the anchor is ready to use. No mixing, no mess and no measuring!

### Order Information

Catalog Number	Nominal Diameter (in)	Capsule Dimensions	Stud Size (in)	Drill Diameter (in)	Rebar Dimensions	Drill Diameter (in)	Capsule Volume (cubic in)	Embedment Depth (in)	Quality Capsules/Box
HMC10-38	3/8	7/16 x 3-3/8	3/8	7/16	#3	1/2	0.3	3-1/2	10
HMC12-12	1/2	1/2 x 3-3/4	1/2	9/16	#4	5/8	0.6	4-1/4	10
HMC16-58	5/8	11/16 x 3-3/4	5/8	3/4	#5	3/4	1.1	5-1/2	10
HMC20-34	3/4	27/32 x 4-3/4	3/4	7/8	#6	1	2.0	5-3/4	10
HMC22-78	7/8	27/32 x 7	7/8	1	#7	1-1/8	2.9	7	6
HMC24-1	1	15/16 x 8-1/4	1	1-1/8	#8	1-1/4	4.2	8-1/4	6
HMC30-114	1-1/4	1-15/16 x 11	1-1/4	1-3/8	•	•	11.6	11	2