

## WEDGE ANCHORS

Size (in)	Carbon Item No.	Stainless Steel Item No.	Drill Bit Diameter (in)	Thread Length (in)	Box Qty	Price 100
1/4 X 1 3/4	MWA14134	MWAS 14134	1/4	15/16	100	26.00
1/4 X 2 1/4	MWA14214	MWAS14214		1 7/16	100	30.00
1/4 X 3 1/4	MWA14314	MWAS14314		2 7/16	100	35.00
3/8 X 2 1/4	MWA38214	MWAS38214	3/8	1 1/8	50	38.00
3/8 X 2 3/4	MWA38234	MWAS38234		1 5/8	50	40.00
3/8 X 3	MWA383	MWAS383		1 7/8	50	42.00
3/8 X 3 3/4	MWA38334	MWAS38334		2 5/8	50	50.00
3/8 X 5	MWA385			3 7/8	50	65.00
3/8 X 7	MWA387			5 7/8	50	120.00
1/2 X 2 3/4	MWA12234			1/2	1 5/16	25
1/2 X 3 3/4	MWA12334		2 5/16		25	70.00
1/2 X 4 1/4	MWA12414	MWAS12414	2 13/16		25	70.00
1/2 X 5 1/2	MWA12512	MWAS12512	4 1/16		25	78.00
1/2 X 7	MWA127	MWAS127	4 9/16		25	133.00
1/2 X 8 1/2	MWA12812	MWAS12812	6		25	212.00
1/2 X 10	MWA1210	MWAS1210	6		25	214.00
1/2 X 12	MWA1212	MWAS1212	6	25	262.00	
5/8 X 3 1/2	MWA58312	MWAS58312	5/8	1 7/8	20	125.00
5/8 X 4 1/2	MWA58412	MWAS58412		2 7/8	20	135.00
5/8 X 5	MWA585	MWAS585		3 3/8	20	140.00
5/8 X 6	MWA586	MWAS586		4 3/8	20	148.00
5/8 X 7	MWA587			5 3/8	20	220.00
5/8 X 8 1/2	MWA58812			6	20	225.00
5/8 X 10	MWA5810			6	10	330.00
5/8 X 12	MWA5812		6	10	390.00	
3/4 X 4 1/4	MWA34414	MWAS34414	3/4	2 3/8	10	170.00
3/4 X 4 3/4	MWA34434	MWAS34434		2 7/8	10	215.00
3/4 X 5 1/2	MWA34512	MWAS34512		3 5/8	10	235.00
3/4 X 6 1/4	MWA34614	MWAS34614		4 3/8	10	235.00
3/4 X 7	MWA347	MWAS347		5 1/8	10	252.00
3/4 X 8 1/2	MWA34812			6	10	310.00
3/4 X 10	MWA3410			6	10	372.00
3/4 X 12	MWA3412		6	5	478.00	
7/8 X 6	MWA786		7/8	2 1/8	5	86.00
7/8 X 8	MWA788			2 1/8	5	86.00
7/8 X 10	MWA7810			2 1/8	5	88.00
7/8 X 12	MWA7812			2 1/8	5	120.00
1 X 6	MWA16	MWAS16	1	2 1/4	5	72.00
1 X 9	MWA19			2 1/4	5	92.00
1 X 12	MWA112			2 1/4	5	106.00

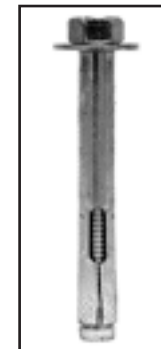


## CARBON STEEL SLEEVE ANCHORS

Size (in)	Item No.	Head Style	Bolt Diameter (in)	Max Thickness (in)	Price	
					Box	cost/100
1/4 X 1 3/8	MSAA14138	ACORN HEAD	3/16 - 24	1/4	100	17.36
1/4 X 2 1/4	MSAA14214			1 1/8	100	23.30
5/16 X 1 1/2	MSA516112	HEX HEAD	1/4 - 20	3/8	100	22.58
5/16 X 2 1/2	MSA516212			1 1/16	50	35.70
3/8 X 1 7/8	MSA38178		5/16 - 18	3/8	50	37.00
3/8 X 3	MSA383			1 1/2	50	53.40
3/8 X 4	MSA384			2 1/4	50	80.40
1/2 X 2 1/4	MSA12214		3/8 - 16	1/2	50	69.60
1/2 X 3	MSA123			3/4	25	97.00
1/2 X 4	MSA124			1 3/4	25	107.60
1/2 x 6	MSA126			3 3/8	25	161.30
5/8 X 2 1/4	MSA58214		1/2 - 13	1/2	25	120.00
5/8 X 3	MSA583			3/4	20	161.30
5/8 X 4 1/4	MSA58414			1 1/2	10	181.00
5/8 X 6	MSA586	3 1/4		10	291.00	
3/4 X 2 1/2	MSA34212	5/8 - 11		1/2	10	140.00
3/4 X 4 1/4	MSA34414		7/8	10	247.50	
3/4 X 6 1/4	MSA34614		2 7/8	5	352.80	



Acorn



Hex

## DROP-IN CARBON STEEL ANCHOR

Item No.	Rod Size (in)	Drill Bit Diameter (in)	Bolt Threads (per in)	Body Length (in)	Count	
					Box	price/100
MDI14	1/4	3/8	20	1	100	19.20
MDI38	3/8	1/2	16	1 1/2	50	30.00
MDI12	1/2	5/8	13	2	50	59.00
MDI58	5/8	7/8	11	2 1/2	25	142.00
MDI34	3/4	1	10	3 1/8	20	226.80



Drop-In

## SHORT DROP-IN ANCHOR

Item No.	Rod Size (in)	Drill Bit Diameter (in)	Bolt Threads (per in)	Body Length (in)	Count	
					Box	price/100
DIA37S	3/8	1/2	16	3/4	100	40.00



Short Drop-In



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## COIL THREAD DROP-IN ANCHOR

Item No.	Rod Size (in)	Drill Bit Diameter (in)	Bolt Threads (per in)	Body Length (in)	Count	
					Box	price/100
DIA50C	1/2	5/8	6	2	50	123.00
DIA75C	3/4	1	5	3 1/8	20	254.00



## MASONRY SCREW ANCHORS

Size (in)	Drill Size	Qty/Box	Flat Head Phillips Item No.	Price/100	Hex Washer Head Item No.	Price/100
3/16 X 1 1/4	5/32	100	MCSF316114	10.70	MCSH316114	14.00
3/16 X 1 3/4			MCSF316134	14.00	MCSH316134	14.60
3/16 X 2 1/4			MCSF316214	18.40	MCSH316214	18.60
3/16 X 2 3/4			MCSF316234	20.00	MCSH316234	21.40
3/16 X 3 1/4			MCSF316314	22.50	MCSH316314	24.70
3/16 X 3 3/4			MCSF316334	30.00	MCSH316334	31.00
3/16 X 4			MCSF3164	34.70	MCSH3164	36.80
1/4 X 1 1/4	3/16		MCSF14114	14.40	MCSH14114	15.60
1/4 X 1 3/4			MCSF14134	19.20	MCSH14134	19.40
1/4 X 2 1/4			MCSF14214	25.00	MCSH14214	25.10
1/4 X 2 3/4			MCSF14234	25.40	MCSH14234	31.20
1/4 X 3 1/4			MCSF14314	37.50	MCSH14314	39.80
1/4 X 3 3/4			MCSF14334	38.50	MCSH14334	41.80
1/4 X 4			MCSF144	47.20	MCSH144	54.00
1/4 X 5		MCSF145	55.30	MCSH145	63.10	
1/4 X 6		MCSF146	65.60	MCSH146	73.90	



Phillips Flat Head



Hex Head

## HAMMER DRIVE ANCHOR

Size (in)	Item No.	Drill Size (in)	Work Thickness (in)	Minimum Embedment (in)	Pullout Lbs.	Shear Lbs.	Box Qty	Price/100
3/16 x 7/8	MHD31678	3/16	0-1/8	3/4	1124	1560	100/2400	10.90
1/4 X 3/4	MHD1434	1/4	0-1/8	3/4	984	1560	100/1800	9.20
1/4 X 1	MHD141	1/4	1/8 - 1/4	7/8	1050	1560	100/1200	11.30
1/4 X 1 1/4	MHD14114	1/4	1/4 - 1/2	1 1/8	1200	1560	100/1200	11.80
1/4 X 1 1/2	MHD14112	1/4	1/2 - 3/4	1 3/8	1470	1560	100/800	14.80
1/4 X 2	MHD142	1/4	3/4 - 1 - 1/4	1 7/8	1470	1560	100/800	16.70



Zinc Nailon™  
Mushroom

**Friendly, courteous delivery! Ship UPS same day!**

## LSES Lag Screw Expansion Shield

### LSES Product Data and Tension Loads in Normal-Weight Concrete

Item No.	Size (in)	Drill Bit Dia. (in)	Embed Depth (in)	Allowable Tension Load (lbs) $f'c \geq 3000$ psi	Quantity	
					Box	Price/100
MLSS14	1/4 Short	1/2	1	90	100	22.38
MLSS516	5/16 Short	1/2	1 1/4	100	100	31.00
MLSS38	3/8 Short	5/8	1 3/4	220	50	50.00
MLSS12	1/2 Short	3/4	2	250	25	83.00
MLSL14	1/4 Long	1/2	1 1/2	120	50	27.50
MLSL516	5/16 Long	1/2	1 3/4	150	50	32.10
MLSL38	3/8 Long	1/2	1 1/2	120	50	70.00
MLSL12	1/2 Long	3/4	3	310	25	87.50

- The allowable loads listed are based on a safety factor of 4.0
- The minimum concrete thickness is 1 1/2 times the embedment depth.
- Screw is not included.



MLSL



MLSS

## SMSA/DMSA Machine Screw Anchors

### SMSA Product Data

Item No.	Bolt (dia-threads per inch)	Drill Bit Dia. (in)	Embed Depth (in)	Quantity	
				Box	Price/100
MSE14	1/4 - 20	1/2	1 3/8	100	50.00
MSE516	5/16 - 18	5/8	1 5/8	100	78.80
MSE38	3/8 - 16	5/8	1 5/8	50	84.20
MSE12	1/2 - 13	7/8	2 1/2	25	146.90



MSE



MDE

### DMSA Product Data and Tension and Shear Loads in Normal-Weight Concrete

Item No.	Bolt (dia-threads per inch)	Drill Bit Dia. in.	Embed Depth (in.)	Critical Edge Dist. in (mm)	Tension Load			Quantity	
					$f'c \geq 3000$ psi (20.7 MPa)	$f'c \geq 4000$ psi (27.6 MPa)	$f'c \geq 3000$ psi (20.7 MPa)	Box	Price/100
					Allowable lbs. (kN)	Allowable lbs. (kN)	Allowable lbs. (kN)		
MDE14	1/4 - 20	1/2	1 1/2 (38)	3 (76)	265 (1.2)	305 (1.4)	370 (1.6)	100	42.70
MDE516	5/16 - 20	5/8	1 3/4 (44)	3 1/2 (89)	290 (1.3)	335 (1.5)	690 (3.1)	100	76.00
MDE38	3/8 - 16	3/4	2 1/4 (57)	4 1/2 (114)	765 (3.4)	920 (4.1)	1,300 (5.8)	50	111.00
MDE12	1/2 - 13	7/8	2 3/4 (70)	5 1/2 (140)	765 (3.4)	920 (4.1)	1,770 (7.9)	25	201.40

- The allowable loads listed are based on a safety factor of 4.0
- 100% of the allowable load is permitted at critical edge distance. No reduction in edge distance is allowed.
- The minimum concrete thickness is 1 1/2 times the embedment depth.
- Machine bolt is not included.

## TOGGLE BOLTS

### Round Head

Item No.	Size (in.)	Drill Bit Dia.	Wing Spread (in.)	Price/Ea.
MTBR182	1/8 x 2	3/8	1 7/16	13.00
MTBR183	1/8 x 3	3/8	1 7/16	14.28
MTBR3162	3/16 x 2	1/2	1 7/8	16.78
MTBR3163	3/16 x 3	1/2	1 7/8	17.16
MTBR3164	3/16 x 4	1/2	1 7/8	19.00
MTBR3165	3/16 x 5	1/2	1 7/8	24.24
MTBR143	1/4 x 3	11/16	2 1/16	20.56
MTBR144	1/4 x 4	11/16	2 1/16	24.36
MTBR145	1/4 x 5	11/16	2 1/16	29.22
MTBR5163	5/16 x 3	7/8	2 3/4	47.16
MTBR5164	5/16 x 4	7/8	2 3/4	54.76
MTBR5165	5/16 x 5	7/8	2 3/4	59.74
MTBR5166	5/16 x 6	7/8	2 3/4	64.72
MTBR383	3/8 x 3	1	2 7/8	52.28
MTBR384	3/8 x 4	1	2 7/8	62.24
MTBR385	3/8 x 5	1	2 7/8	74.68
MTBR386	3/8 x 6	1	2 7/8	79.66



### Mushroom Head

Item No.	Size (in.)	Drill Bit Dia.	Wing Spread (in.)	Price/Ea.
MTBM183	1/8 x 3	3/8	1 7/16	14.26
MTBM3163	3/16 x 3	1/2	1 7/8	17.16
MTBM3164	3/16 x 4	1/2	1 7/8	19.00
MTBM143	1/4 x 3	11/16	2 1/16	20.56
MTBM144	1/4 x 4	11/16	2 1/16	24.36



## DRYWALL ANCHORS

Item No.	Applications	Style	Recommended Screw Size	Price/100
EZA16056	3/8, 1/2, 5/8 Drywall Plaster	Zinc	#8 x 1 1/4	18.00
EZB16056	3/8, 1/2, Drywall Ceiling Tile	Nylon	#8 x 1 1/4	21.60



Please call for volume discounts.



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Serrated teeth on the tip of the Titen HD facilitate cutting and reduce installation torque.



**Titen HD**  
 U.S. Patent  
 5,674,035 &  
 6,623,228

**TITEN HD®**

**Titen-HD Product Data - Zinc Plated**

Size (in)	Item No.	Drill Bit Dia. (in)	Wrench Size (in)	Box Quantity	Price/100			
3/8 x 3	THD37300H	3/8	9/16	50	76.50			
3/8 x 4	THD37400H				93.26			
3/8 x 5	THD37500H				111.38			
3/8 x 6	THD37600H				124.96			
1/2 x 3	THD50300H	1/2	3/4	25	128.66			
1/2 x 4	THD50400H				147.04			
1/2 x 5	THD50500H				171.14			
1/2 x 6	THD50600H				186.52			
1/2 x 6 1/2	THD50612H				198.00			
1/2 x 8	THD50800H				464.32			
1/2 x 12	THD501200H				1520.48			
1/2 x 13	THD501300H				1576.86			
1/2 x 14	THD501400H				1631.02			
1/2 x 15	THD501500H				1685.16			
5/8 x 4	THD62400H				5/8	15/16	10	225.48
5/8 x 5	THD62500H							251.92
5/8 x 6	THD62600H	268.92						
5/8 x 6 1/2	THD62612H	415.80						
5/8 x 8	THD62800H	522.06						
3/4 x 4	THD75400H	3/4	1-1/8	10				341.00
3/4 x 5	THD75500H				363.00			
3/4 x 6	THDT75600H				452.76			
3/4 x 7	THD75700H				502.54			

**SDS-PLUS® Shank Bit**  
 SDS-Plus bits use an asymmetrical-parabolic flute for efficient energy transmission and dust removal.



**SDS-PLUS®**

**SDS-PLUS® Shank Bits**

Dia (in)	Drilling Depth (in.)	Overall Length (in.)	Item No.	Price/each
5/32	4	6	MDBP15400	8.18
3/16	4	6	MDBP18400	5.50
	6	8	MDBP18600	8.49
	10	12	MDBP18100	16.32
1/4	4	6	MDP02504	4.80
	8	10	MDP02508	12.75
	10	12	MDP02510	17.25
5/16	4	6	MDP03104	6.99
	10	12	MDP03110	12.80
3/8	4	6	MDP03704	6.90
	10	12	MDP03710	14.30
7/16	4	6	MDP04304	18.90
	10	12	MDP04310	18.90
1/2	4	6	MDP05004	8.80
	10	12	MDP05010	19.68
	16	18	MDP05016	23.90
	22	24	MDP05022	37.80
5/8	6	8	MDP06206	16.90
	10	12	MDP06210	19.90
	16	18	MDP06216	32.70
	22	24	MDP06222	47.90
3/4	6	8	MDP07506	28.80
	10	12	MDP07510	26.96
	16	18	MDP07516	42.40
	22	24	MDP07522	69.70
	7/8	6	8	MDP08706
7/8	10	12	MDP08710	47.28
	16	18	MDP08716	46.90
	1	8	10	MDP10008
1	16	18	MDP10016	54.00



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## .27 CAL POWER ACTUATED TOOL

Price: \$349.00



### FEATURES:

- Simple to maintain, patented modular design allows for field maintenance and repairs in minutes
- Semi-automatic firing.
- Operator comfort: shock absorbing Zytel handle.
- Renew your tool: exchange a worn out or broken parts-module and get a new one at a significant discount.  
 \* Call Simpson Strong-Tie or your Simpson distributor for details.)  
 \* Modules may contain remanufactured parts.

### SPECIFICATIONS:

- Fastener Length: 1/2" thru 3"
- Fastener Type: .300 inch or 8mm Headed Fasteners or 1/4-20 Threaded Studs
- Firing Action: Sem-Automatic
- Load Caliber: .27 Strip Loads, Brown thru Red (Levels 2-5)
- Length: 13 1/4"
- Weight: 5 lbs., 2 oz.

### KEY FASTENING APPLICATIONS:

- General Purpose Fastening
- Drywall and Hat Track
- Still Plate and Forming Work
- HVAC and Electrical Applications

### TOOL IS SOLD IN A RUGGED TOOL BOX

#### COMPLETE WITH::

- Operator's Manual
- Spall Suppressor
- Tools for Disassembly
- Safety Glasses / Ear plugs
- Tool Lubricant
- Cleaning Brushes
- Operator's Exam and Caution Sign
- Additional High Power Gold Nosepiece - Limits fastener length to 2 1/2" (3" or 4" washed)
- Tool box also sold separately (Model SASTOOLBOX1)

#### OPTION:

- Pole tool available in 6' and 8' lengths. 6' Tool: PEPT6LR, 8" Tool: PEPT8LR

## .22 CAL GENERAL PURPOSE TOOL

Price \$175.00



### FEATURES:

- Single shot firing.
- Engineered for continuous use, high reliability and low maintenance.

### SPECIFICATIONS:

- Fastener Length: 1/2" thru 3" (4" washed)
- Fastener Type: .300 inch or 8mm Headed Fasteners or 1/4-20 Threaded Studs
- Firing Action: Single Shot
- Load Caliber: .22 Single Loads, Gray thru Yellow (Levels 1-4)
- Length: 13 7/8"
- Weight: 4 lbs., 4 oz.

### KEY FASTENING APPLICATIONS:

- Furring Strips
- Framing Pins
- Electrical Boxes
- Ceiling Clips

### TOOL IS SOLD IN A RUGGED TOOL BOX

#### COMPLETE WITH::

- Operator's Manual
- Spall Suppressor
- Tools for Disassembly
- Safety Glasses / Ear plugs
- Cleaning Brushes
- Operator's Exam and Caution Sign
- \* These items not supplied with the PT-22RB retail package

## Powder Loads

### .22 Caliber Powder Loads

Item No.	Description	Price/100
P22AC1	.22 Cal Gray (Level 1)	8.10
P22AC2	.22 Cal Gray (Level 2)	8.10
P22AC3	.22 Cal Gray (Level 3)	8.10
P22AC4	.22 Cal Gray (Level 4)	8.10



P22AC

### .27 Caliber Strip Loads (10 Shot)

Item No.	Description	Price/100
P27SL2	.27 Cal Brown (Level 2)	8.69
P27SL3	.27 Cal Green (Level 3)	10.43
P27SL4	.27 Cal Yellow (Level 4)	10.43
P27SL5	.27 Cal Red (Level 5)	10.43
P27SL6	.27 Cal Purple (Level 6)	15.36



P27SL

## .27 CAL TOOL KIT

Price \$440.00



## FASTENERS FOR POWER ACTUATED TOOLS

Item No.	Length	Price/100
PDP50	1/2	3.90
PDP75	3/4	3.90
PDP100	1	3.90
PDP125	1 1/4	4.62
PDP150	1 1/2	4.88
PDP175	1 3/4	5.24
PDP200	2	5.62
PDP225	2 1/4	5.88
PDP250	2 1/2	6.24
PDP300	33	6.88



PDP

Our Goal: Total Customer Satisfaction