











February 1, 2004

GASKETS & FASTENERS

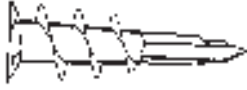
	Code#	Description	Size	Box Qty	
 FLANGE GASKET RING NITRILE RUBBER BONDED NON-ASBESTOS GREEN 1/16" THICK	18-0070	Flange Gasket Ring Type - 150#		2	
	18-0074	Flange Gasket Ring Type - 150#	2-1/2		
	18-0078	Flange Gasket Ring Type - 150#		3	
	18-0086	Flange Gasket Ring Type - 150#		4	
	18-0090	Flange Gasket Ring Type - 150#		5	
	18-0094	Flange Gasket Ring Type - 150#		6	
	18-0098	Flange Gasket Ring Type - 150#		8	
	18-0102	Flange Gasket Ring Type - 150#		10	
	 FLANGE GASKET FULL FACE NITRIL RUBBER BONDED NON-ASBESTOS GREEN 1/16" THICK	18-0270	Flange Gasket Full Face - 150#		2
		18-0274	Flange Gasket Full Face - 150#	2-1/2	
18-0278		Flange Gasket Full Face - 150#		3	
18-0286		Flange Gasket Full Face - 150#		4	
18-0290		Flange Gasket Full Face - 150#		5	
18-0294		Flange Gasket Full Face - 150#		6	
18-0298		Flange Gasket Full Face - 150#		8	
 HEX HEAD MACHINE BOLT LESS NUTS		18-0410	Hex Hd Tap Bolt Zinc Plated	3/8 x 1-1/4	
	 HEX HEAD TAP BOLT	18-0430	Hex Head Machine Bolt less nuts	1/2 x 2-1/2	
		18-0460	Hex Head Machine Bolt less nuts	5/8 x 1-1/2	
		18-0462	Hex Head Machine Bolt less nuts	5/8 x 1-3/4	
		18-0464	Hex Head Machine Bolt less nuts	5/8 x 2	
		18-0472	Hex Head Machine Bolt less nuts	5/8 x 2-1/2	
18-0476		Hex Head Machine Bolt less nuts	5/8 x 3		
 HEAVY HEX NUT	18-0478	Hex Head Machine Bolt less nuts	5/8 x 3-1/2		
	18-0514	Hex Head Machine Bolt less nuts	3/4 x 2-1/4		
	18-0520	Hex Head Machine Bolt less nuts	3/4 x 3-1/4		
	18-0522	Hex Head Machine Bolt less nuts	3/4 x 3-1/2		
 STEEL WASHER	18-0710	Heavy Hex Nut		1/4	
	18-0714	Heavy Hex Nut		3/8	
	18-0718	Heavy Hex Nut		1/2	
	18-0722	Heavy Hex Nut		5/8	
	18-0724	Heavy Hex Nut		3/4	
	 FENDER WASHER	18-0780	Steel Washer		1/4
18-0784		Steel Washer		3/8	
18-0788		Steel Washer		1/2	
18-0792		Steel Washer		5/8	
18-0794		Steel Washer		3/4	
18-0796		Steel Washer		7/8	
 STOVE BOLT WITH NUT		18-2780	Fender Washer 1/4 9/32"ID & 1-1/4 OD	55-218P	100
	18-2785	Fender Washer 3/8 13/32"ID & 1-1/2 OD	55-214	100	
	18-3740	Stove Bolt with Nut 1/4 x 1		100	

Note: See bolt chart on page 18-3

Designs and specifications are for reference only and are subject to change without notice. Reprinted from manufacturer's material.



Rawl



ZINC ZIP-IT

ZINC ZIP-IT - DRYWALL SCREW ANCHOR MADE OF ZAMAC ALLOY

Code#	Description	Mfg.#	Box Qty.
18-5250	RAWL ZINC ZIP-IT Alloy Screw Anchor 3/8" to 1" takes #8 screw (screws not included) (SOLD BY THE BOX)	2346	100



ZAMAC NAILIN

ZAMAC NAILIN - A ONE STEP ANCHOR FOR USE IN CONCRETE, BLOCK, BRICK, OR STONE. MADE OF ZINC ALLOY AND Steel. PIN DRIVE MUSHROOM HEAD.

18-5280	RAWL ZAM NAILN 1/4 x 1	2808	100
18-5284	RAWL ZAM NAILN 1/4 x 1-1/4	2814	100
18-5289	RAWL ZAM NAILN 1/4 x 1-1/2	2820	100



TOGGLE BOLT WITH WING

RAWL-DRIVE - A ONE STEP ANCHOR FOR USE IN CONCRETE OR STONE.

18-5340	RAWL TOGGLE Bolt 1/4 x 3	4231	50
18-5342	RAWL TOGGLE Bolt 1/4 x 4	4241	50
18-5351	RAWL TOGGLE Bolt 3/8 x 4	4441	25

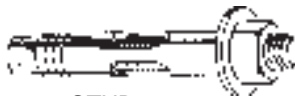


TOOL FOR STEEL DROP-IN



STEEL DROP-IN

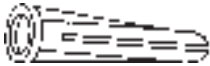
18-5502	STL DROP-IN (LIPPED) 3/8"	6326	50
18-5504	STL DROP-IN (LIPPED) 1/2"	6328	50
18-5506	RAWL STL DROP-IN 3/8	6306	50
18-5508	RAWL STL DROP-IN 1/2	6308	50



STUD

18-5507	DROP-IN ANCR SET TOOL 3/8	6307	10
18-5509	DROP-IN ANCR SET TOOL 1/2	6309	10

18-5710	RAWL Stud 3/8 x 2-1/4	7410	50
---------	-----------------------	------	----



PLASTIC ANCHOR

18-5750	PLS ANCHOR 10-12 x 1 (SOLD BY THE BOX OF 100)	7579	100
---------	--------------------------------------------------	------	-----



CALK-IN

18-6020	RAWL CALK-IN 1/4-20	9220	100
18-6030	RAWL CALK-IN 3/8-16	9230	50



SCREWED ANCHOR KIT

18-5936	SIOUX CHIEF SCR ANCR KIT 10 x 1 100 ANCHORS & SCREWS PLUS 1 DRILL PER KIT	590-10	
18-5938	RAWL SCR ANCR KIT 12 x 1 100 ANCHORS & SCREWS PLUS 1 DRILL PER KIT	8938	

CALL FOR COMPLETE SPECIFICATIONS ON RAWL PRODUCTS.

Designs and specifications are for reference only and are subject to change without notice. Reprinted from manufacturer's material.



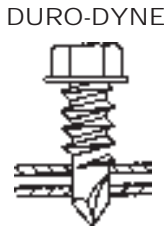
Rawl

CARBIDE BIT



MALCO
HIGH SPEED
BIT

BIT-TIP Screw
BIT-TIP drills its own hole, taps a matching thread and fastens in steel up to .220 thick in less time than it takes to drill a pilot hole for other standard fasteners. SIZE 8-18 X 3/4"



DURO-DYNE

MALCO



Sheet Metal Screws

Sold by the Package

Code#	Description	Mfg.#	Box Qty.
<u>Masonry Drill Bits</u>			
18-5808	CARBIDE Drill 1/4	8508	
18-5822	CARBIDE Drill 1/2	8522	
<u>Wood, Steel Bits</u>			
18-3308	HS Drill BIT 1/8	57-004	
18-3324	HS Drill BIT 1/4	57-012	
18-3340	HS Drill BIT 3/8	57-020	
18-2300	BIT-TIP Screw BT-135		500PK
18-2545	SAC 7 x 1/2"		100PK
18-2510	SAT 7 x 1/2"		1000PK
18-2529	SAB 7 x 1/2"		17000PK
18-2550	SAC 8 x 1/2"		100PK
18-2530	SAT 8 x 1/2"		1000PK
18-2531	SAB 8 x 1/2"		14000PK
18-2532	SAB 8 x 3/4"		10000PK
18-2535	SAT 8 x 3/4"		1000PK
18-2490	SAC 8 x 1"		100PK
18-2491	SAB 8 x 1"		7000PK
18-2495	SAC 8 x 2"		100PK
18-2528	SAB 8 x 2"		3000PK
18-2565	SAC 10 x 1/2"		100PK
18-2575	SAC 10 x 1"		100PK
18-2580	HW10 x 1-1/2		50PK

FLANGE AND BOLT INFO RMATION

PIPE SIZE	NO. OF BOLT HOLES			DIAMETER OF BOLTS			LENGTH OF BOLTS		
	C. I.	WELDING		C. I.	WELDING		C. I.	WELDING	
		125 lb.	150 lb.		300 lb.	125 lb.		150 lb.	300 lb.
1/2"	-	4	4	-	1/2"	1/2"	-	1-3/4"	2"
3/4"	-	4	4	-	1/2"	5/8"	-	2"	2-1/2"
1"	4	4	4	1/2"	1/2"	5/8"	1-3/4"	2"	2-1/2"
1-1/4"	4	4	4	1/2"	1/2"	5/8"	2"	2-1/4"	2-3/4"
1-1/2"	4	4	4	1/2"	1/2"	5/8"	2"	2-1/4"	2-3/4"
2"	4	4	8	5/8"	5/8"	5/8"	2-1/4"	2-3/4"	3"
2-1/2"	4	4	8	5/8"	5/8"	3/4"	2-1/2"	3"	3-1/4"
3"	4	4	8	5/8"	5/8"	3/4"	2-1/2"	3"	3-1/2"
3-1/2"	8	8	8	5/8"	5/8"	3/4"	2-3/4"	3"	3-3/4"
4"	8	8	8	5/8"	5/8"	3/4"	3"	3"	3-3/4"
5"	8	8	8	3/4"	3/4"	3/4"	3"	3-1/4"	4"
6"	8	8	12	3/4"	3/4"	3/4"	3-1/4"	3-1/4"	4-1/4"
8"	8	8	12	3/4"	3/4"	7/8"	3-1/2"	3-1/2"	4-3/4"
10"	12	12	16	7/8"	7/8"	1"	3-3/4"	3-3/4"	5-1/4"
12"	12	12	16	7/8"	7/8"	1-1/8"	3-3/4"	4"	5-3/4"

Designs and specifications are for reference only and are subject to change without notice. Reprinted from manufacturer's material.