

CYW, Inc.



PRODUCT CATALOG

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TC BOLTS®

POWER-CON™





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Drives, Heads, Threads, & Points

Screw Drives & Heads

Phillips drive: "+" shaped recess designed to cam out before being overdriven.



Phillips Bugle Head

For fastening gypsum and soft woods. Tapered bugle head seats flush with either drywall or wood application.



Phillips Flat Head

For wood to steel.



Phillips Pan Head Framing

For framing track to stud.



Phillips Flat with Nibs Under Head

Provide against vibration release.



6-Lobe Drive W/ Nibs

For fast secure installations with Nibs under head provide flush finish.



Phillips Pan Head

For steel to steel. Flat bearing surface is ideal for attaching light-gauge steel to light-gauge steel.



Phillips Wafer Head

For wood to steel



Phillips Modified Truss Head

Low profile for steel track, k-lath, to studs. Provides a larger bearing area for working with softer materials.



Square Drive

Fits securely on driver bit, enabling one-handed fastening

Combo Drive

Combination Phillips and #2 square drive. Eight-sided drive system that provides optimal driving power in wood applications.



Combo Drive

Combination square and Phillips for 8-point drive.

Hex Washer Head

Hex head can be driven with nut driver.



Hex Washer Head

For steel to steel.



Hex Washer Head with Neoprene Washer

For exterior steel to steel, such as steel roofing. Neoprene washer "seals" pieces together.



Slotted Hex Washer Head

Has slot in head to accommodate flat-bladed bit.

Screw/Threads

Coarse Thread

Provides superior holding power when attaching to wood.



Fine Thread

Provides superior holding power when attaching to light-gauge steel.



High-Low Thread

For attaching drywall to light-gauge steel studs or wood studs. Provide higher strip-out resistance.



Single-Lead/Double-Thread

Two helixes spiraling around the screw shank. Provides increased holding power and potentially faster application speed. Provides higher strip-out resistance.



Screw Points

Wood Applications



Sharp Point

Standard screw point for fastening into wood and other medium to soft materials.



Type 17

Long, sharp point with flute, which creates its own pilot point as well as displaces some wood chips.



Metal Applications



Self-Piercing Point

Needle point designated for use in relatively thin sections. The point literally stabs through the material, making a hole slightly smaller than the minor diameter of the threads. This allows the threads to extrude the metal for increased thread engagement and reduces the tendency to strip-out.



Self-Drilling Point

Point designated to drill through very thin sections too thick to be pierced. The number of the point determines the drilling capacity of the fastener. The higher the number, the thicker the material can be drilled.

Wood to Metal Applications



Winged

Used with self-drilling point when attaching wood to steel or other hard material. Wings or "reamers" eliminate pre-drilling of the wood. Wings break off when they hit the second material to allow the threads to engage for a tight joint.

Wood to Wood, Deck Applications

Envirocoat Deck Screws

Color Matched: Passes 1,000 hour salt spray test with no rust.
Green - Pressure Treated wood
Red - Redwood
Tan - Natural



Drywall Screws (Coarse Thread)

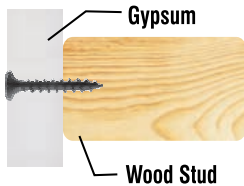
Recommended drive speed of 2,500 RPM



*Special orders also available for collated screws.



Main application is fastening drywall to wood studs. Used also in attaching wood fixtures. Also known as multi-purpose screws.



Phillips Bugle Head Drywall Screws Black Phosphate (Coarse Thread)

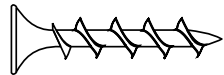
TORNILLO DE ROSCA GRUESA PARA PAREDES DE YESO CON CABEZA TROMPETA PHILLIP

Meets ASTM C-1002

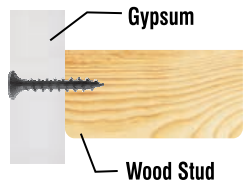
Carton Measurement
L:10.43" W:10.43" H:5.66"

SIZE	PART	PIECES	WEIGHT/M
TAMAÑO	PARTE	PIEZAS	PESO
6 X 3/4	06620	10,000	2.3
6 X 1	06621	10,000	2.9
6 X 1-1/8	06622	10,000	3.2
6 X 1-1/4	50611	8,000	3.5
6 X 1-1/2	06624	6,500	4.0
6 X 1-5/8	50481	5,000	4.4
6 X 2	06626	3,000	5.3
7 X 2-1/4	06627	3,000	5.9
7 X 2	06630	3,000	5.9
7 X 2-1/2	06635	2,500	7.2
8 X 1	06636	10,000	3.6

SIZE	PART	PIECES	WEIGHT/M
TAMAÑO	PARTE	PIEZAS	PESO
8 X 1-1/4	06637	8,000	4.4
8 X 1-1/2	06638	6,000	5.1
8 X 2	06639	3,000	6.6
8 X 2-1/2	06640	2,500	7.9
8 X 3	06645	2,000	9.5
10 X 3-1/2	06650	1,000	17.4
10 X 3-3/4	06651	1,000	18.6
10 X 4	06652	750	20.0
10 X 4-1/2	06653	750	22.55
10 X 5	06654	750	25.07
10 X 6	06655	500	30.03



Main application is fastening drywall to wood studs. Used also in attaching wood fixtures where additional weather resistance is needed. Also known as a multi-purpose screw.



Phillips Bugle Head Drywall Screws Yellow Zinc (Coarse Thread)

TORNILLO DE ROSCA GRUESA PARA PAREDES DE YESO CON CABEZA TROMPETA PHILLIP

Meets ASTM C-1002

Carton Measurement
L:10.43" W:10.43" H:5.66"

SIZE	PART	PIECES	WEIGHT/M
TAMAÑO	PARTE	PIEZAS	PESO
6 X 1	06821	10,000	2.9
6 X 1-1/8	06822	10,000	3.2
6 X 1-1/4	06823	8,000	3.5
6 X 1-1/2	06825	6,500	4.0
6 X 1-5/8	06825	5,000	4.4
6 X 2	06826	3,500	5.4
6 X 2-1/4	06827	3,000	5.9
7 X 2-1/2	06835	2,500	7.1

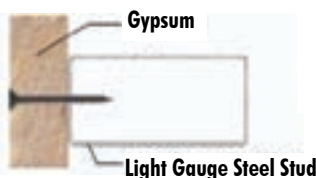
SIZE	PART	PIECES	WEIGHT/M
TAMAÑO	PARTE	PIEZAS	PESO
8 X 2-1/2	06840	2,500	8.2
8 X 3	06845	2,000	9.7
10 X 3-1/2	06850	1,000	17.5
10 X 3-3/4	06851	1,000	18.8
10 X 4	06852	750	20.0
10 X 4-1/2	06853	750	22.55
10 X 5	06854	750	25.07
10 X 6	06855	500	30.03

Drywall Screws (Fine Thread)

Recommended drive speed of 2,500 RPM



Originally designed to attach drywall to 20-25 gauge metal studs. Also known as multi-purpose screws.



Phillips Bugle Head Drywall Screws Black Phosphate (Fine Thread) Sharp Point

TORNILLO DE ROSCA FINA PARA PAREDES DE YESO CON CABEZA TROMPETA PHILLIP

Meets ASTM C-1002

Carton Measurement
L:10.43" W:10.43" H:5.66"

SIZE	PART	PIECES	WEIGHT/M
TAMAÑO	PARTE	PIEZAS	PESO
6 X 1	06521	10,000	2.9
6 X 1-1/8	06522	10,000	3.2
6 X 1-1/4	06523	8,000	3.5
6 X 1-1/2	06524	6,500	4.0
6 X 1-5/8	06525	5,000	4.4
6 X 2	06526	3,500	5.1
6 X 2-1/4	06527	3,000	5.6
7 X 2-1/2	06535	2,500	7.7

SIZE	PART	PIECES	WEIGHT/M
TAMAÑO	PARTE	PIEZAS	PESO
8 X 2-1/2	06540	2,500	8.2
8 X 3	06545	2,000	9.7
10 X 3-1/2	06550	1,000	17.5
10 X 3-3/4	06565	1,000	18.8
10 X 4	06570	750	20.0
10 X 4-1/2	06575	750	22.55
10 X 5	06580	750	25.07
10 X 6	06585	500	30.03

Dacrotized Deck Screws



Recommended drive speed of 2,500 RPM

*Special orders also available for collated screws.



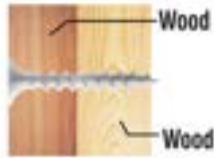
Phillips Bugle Head Deck Screws Dacrotized (Coarse Thread)

TORNILLOS PARA ENTABLADOS DACROTIZED

Meets ASTM C-1002 Min. SST 500 Hours

Carton Measurement
L:10.43" W:10.43" H:5.66"

Application includes drywall, deck furniture, fence, and most wood fastening applications.



SIZE	PART	PIECES	WEIGHT/M
TAMAÑO	PARTE	PIEZAS	PESO
6 X 1	06661	10,000	2.9
6 X 1-1/4	06663	8,000	3.4
6 X 1-5/8	06665	5,000	4.4
6 X 2	06666	3,500	5.4
6 X 2-1/4	06667	3,000	5.9
7 X 2-1/2	06675	2,500	7.2
8 X 2-1/2	06680	2,500	8.2

SIZE	PART	PIECES	WEIGHT/M
TAMAÑO	PARTE	PIEZAS	PESO
8 X 3	06685	2,000	9.7
10 X 3-1/2	06694	1,000	17.5
10 X 4	06695	750	20.0
10 X 4-1/2	06696	750	22.55
10 X 5	06697	750	25.07
10 X 6	06699	500	30.03

Specialty Deck Screws



6-Lobe Drive w/ Nibs under Head Multi Use Construction Screw Yellow Zinc Plated Type-17 Point

TORNILLO MULTIUSO PARA CONSTRUCCIÓN 6-LOBULO CON ESTRILLAS DEBAJO DE LA CABEZA TIPO-17

Carton Measurement
L:10.43" W:10.43" H:5.66"

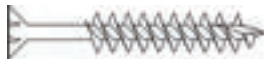
Flat Head 6-Lobe Drive Screws for fast secure installations. With Nibs under head provide flush finish. Type-17 tip helps to eliminate wood splitting. Multi-Use Screws for woods, decks, and fences. Yellow Zinc plated.



SIZE	PART	PIECES	WEIGHT/M	DRIVE
TAMAÑO	PARTE	PIEZAS	PESO	
8 X 1-1/2	57100	6,500	5.2	T20
8 X 1-3/4	57101	4,000	6.1	T20
8 X 2	57102	3,500	7.0	T20
9 X 2-1/2	57103	2,500	9.9	T20
9 X 3	57104	2,000	11.4	T25
10 X 3-1/2	57105	1,000	16.31	T25
10 X 4	57106	1,000	18.5	T25



Specialty Deck Screws

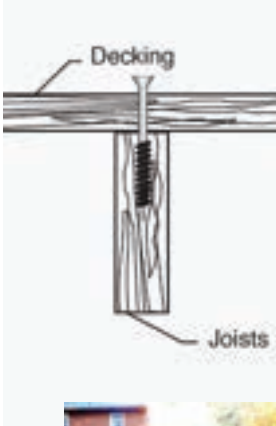


Combo Drive w/ Nibs Under Head ENVIROCOAT Deck Screws Type-17 Point Green/Red/Tan-Natural Finish

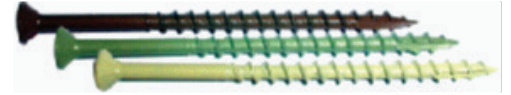
Carton Measurement
L:10.43" W:10.43" H:5.66"

TORNILLO PARA ENTABLADOS ENVIROCOAT TIPO-17

Rated at 1,000 salt spray hours. Nibs under head provide flush finish. Type-17 tip helps eliminate wood splitting.



	SIZE	PART	PIECES	WEIGHT/M
	TAMAÑO	PARTE	PIEZAS	PESO
Green	7 X 1-1/4	51320	8,000	4.0
	7 X 1-5/8	51321	5,000	4.9
	8 X 2	51322	3,500	6.8
	9 X 2-1/2	51323	2,500	9.9
	9 X 3	51324	1,500	11.8
	10 X 3-1/2	51325	1,000	17.3
Red	10 X 4	51326	750	19.5
	7 X 1-1/4	51446	8,000	4.0
	7 X 1-5/8	51447	5,000	4.9
	8 X 2	51448	3,500	6.9
	9 X 2-1/2	51449	2,500	9.8
	9 X 3	51450	1,500	11.8
Tan	10 X 3-1/2	51451	1,000	17.6
	10 X 4	51452	750	18.5
	7 X 1-1/4	51383	8,000	4.1
	7 X 1-5/8	51384	5,000	4.8
	8 X 2	51385	3,500	7.1
	9 X 2-1/2	51386	2,500	10.4
	9 X 3	51387	1,500	11.8
	10 X 3-1/2	51388	1,000	18.0
	10 X 4	51389	750	22.7



Redwood



Pressure Treated



Natural

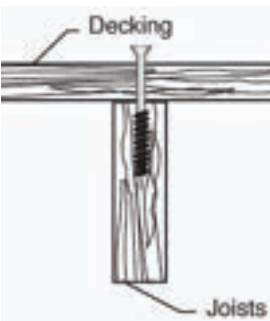


Square Drive w/ Nibs under Head ENVIROCOAT Deck Screws Type-17 Point Green

Carton Measurement
L:10.43" W:10.43" H:5.66"

TORNILLO PARA ENTABLADOS CON RECUBRIMIENTO ENVIROCOAT TIPO-17

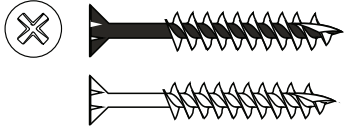
Rated at 1,000 salt spray hours. Nibs under head provide flush finish. Type-17 tip helps eliminate wood splitting.



	SIZE	PART	PIECES	WEIGHT/M
	TAMAÑO	PARTE	PIEZAS	PESO
	7 X 1-1/4	50311	8,000	3.7
	7 X 1-5/8	50312	5,000	4.9
	8 X 2	50313	3,500	7.0
	9 X 2-1/2	50314	2,500	9.8
	9 X 3	50576	1,500	11.9
	10 X 3-1/2	50610	1,000	17.6
	10 X 4	50578	750	19.8



Particle Board Screws

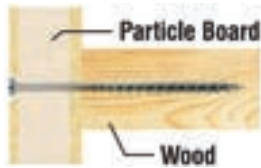


Phillips Flat Head Particle Board Screws w/ Nibs Type-17 Point

TORNILLOS PARA ENTABLADOS

Carton Measurement
L:10.43" W:10.43" H:5.66"

An all around wood to wood product screw for building cabinets, furniture, etc. where smooth counter-sinking via the nibbed head and anti-splitting action of the type-17 point are needed. Can also be used to attach wood to light gauge steel.



Zinc Plated

SIZE	PART	PIECES	WEIGHT/M
TAMAÑO	PARTE	PIEZAS	PESO
8 X 1	06877	10,000	3.5
8 X 1-1/4	06878	8,000	4.2
8 X 1-1/2	06879	6,500	5.0
8 X 1-5/8	06880	4,000	5.4
8 X 2	06881	3,500	6.6
9 X 2-1/2	06882	2,500	9.8
9 X 3	06883	2,000	11.4

Black Phosphate

SIZE	PART	PIECES	WEIGHT/M
TAMAÑO	PARTE	PIEZAS	PESO
8 X 1	06870	10,000	3.5
8 X 1-1/4	06871	8,000	4.1
8 X 1-1/2	06872	6,500	5.0
8 X 1-5/8	06873	4,000	5.4
8 X 2	06874	3,500	6.6
9 X 2-1/2	06875	2,500	9.8
9 X 3	06876	2,000	11.4

Specialty Sharp Point Screws

Recommended drive speed of 2,500 RPM



Confirmat Screw, Pozi Drive Flat Head with Pointed Tip - Zinc

TORNILLO DE SEGURIDAD, CABEZA PLANA, PUNTA PUNTIAGUGA

Carton Measurement
L:10.43" W:10.43" H:5.66"

SIZE	PART	PIECES	WEIGHT/M
TAMAÑO	PARTE	PIEZAS	PESO
M7X50	863-1020	2,000	19.2

Specialty Screws

Modified Truss Head Screws (K-Lath)

Recommended drive speed of 2,500 RPM

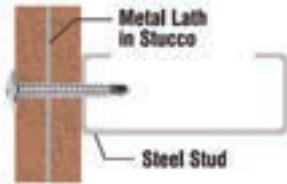


Phillips Modified Truss Head Self Drilling Screws Zinc Plated

TORNILLO DE CABEZA REDONDA MODIFICADO

Carton Measurement
L:10.43" W:10.43" H:5.66"

Commonly known as K-Lath Screw, modified truss head screws are used for a variety of wood and 20-16 gauge metal applications. For attaching metal lath in stucco and other applications to steel studs.



SIZE	PART	PIECES	WEIGHT/M	DRILL POINT
TAMAÑO	PARTE	PIEZAS	PESO	BROCA
8 X 1/2	06221	10,000	3.2	2
8 X 3/4	06223	10,000	4.0	2
8 X 1	06224	6,500	5.0	2
8 X 1-1/4	06225	5,000	6.1	2
8 X 1-1/2	06231	5,000	6.8	2

SIZE	PART	PIECES	WEIGHT/M	DRILL POINT
TAMAÑO	PARTE	PIEZAS	PESO	BROCA
8 X 1-5/8	06226	4,000	7.4	2
8 X 2	06227	3,000	8.8	2
8 X 2-1/2	06228	2,000	10.7	2
8 X 3	06229	1,500	12.6	2
10 X 3/4	06230	8,000	5.3	2



Phillips Modified Truss Head Self Drilling Screws Black Phosphate

TORNILLO DE CABEZA REDONDA MODIFICADO, PUNTA DE BROCA

Carton Measurement
L:10.43" W:10.43" H:5.66"

Commonly known as K-Lath Screw, modified truss head screws are used for a variety of wood and 20-16 gauge metal applications. For attaching metal lath in stucco and other applications to steel studs.

SIZE	PART	PIECES	WEIGHT/M	DRILL POINT
TAMAÑO	PARTE	PIEZAS	PESO	BROCA
8 X 1/2	06232	10,000	3.2	2
8 X 3/4	06233	10,000	4.0	2
8 X 1	06234	6,500	5.0	2
8 X 1-1/4	06235	5,000	6.1	2
8 X 1-5/8	06236	4,000	7.4	2

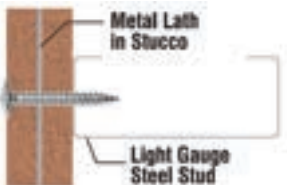


Phillips Modified Truss Head Sharp Point Zinc Plated

TORNILLO DE CABEZA REDONDA MODIFICADO, PUNTA AFILADA, ZINCADO

Carton Measurement
L:10.43" W:10.43" H:5.66"

Commonly known as K-Lath Screw, modified truss head screws are used for a variety of wood and 22-18 gauge metal applications. For attaching metal lath in stucco and other applications to steel studs.



SIZE	PART	PIECES	WEIGHT/M
TAMAÑO	PARTE	PIEZAS	PESO
8 X 1/2	09501	10,000	3.1
8 X 9/16	09500	10,000	3.3
8 X 3/4	09502	10,000	3.9
8 X 1	09504	6,500	4.6
8 X 1-1/4	09506	5,000	5.6

SIZE	PART	PIECES	WEIGHT/M
TAMAÑO	PARTE	PIEZAS	PESO
8 X 1-1/2	09507	4,000	6.4
8 X 1-5/8	09508	4,000	6.7
8 X 2	09510	3,000	7.9
8 X 2-1/2	09511	2,500	9.6
8 X 3	09512	2,000	11.2



Phillips Modified Truss Head Sharp Point Black Phosphate

TORNILLO DE CABEZA REDONDA MODIFICADA, PUNTA AFILADA, PHOSPHATO NEGRO

Carton Measurement
L:10.43" W:10.43" H:5.66"

Commonly known as K-Lath Screw, modified truss head screws are used for a variety of wood and 22-18 gauge metal applications. For attaching metal lath in stucco and other applications to steel studs.

SIZE	PART	PIECES	WEIGHT/M
TAMAÑO	PARTE	PIEZAS	PESO
8 X 1/2	09513	10,000	3.1
8 X 3/4	09515	10,000	3.9
8 X 1	09516	6,500	4.6
8 X 1-1/4	09517	5,000	5.6
8 X 1-1/2	09518	6,000	6.6

Self-Drilling Screws

Recommended drive speed of 2,500 RPM



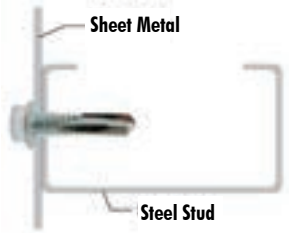
Hex Washer Head Self Drilling Screws Zinc Plated

TORNILLO AUTOTALADRANTE CON CABEZA Y ARANDELA HEXAGONALES

Meets ASME B18.6.4 & SAE J78

Carton Measurement
L:10.43" W:10.43" H:5.66"

Metal to metal fastening in light to heavy material. Attach fixtures, backup plates, indoor frames and similar items.



SIZE	PART	PIECES	WEIGHT/M	DRILL POINT
TAMAÑO	PARTE	PIEZAS	PESO	BROCA
6 X 1/2	06010	15,000	2.3	2
6 X 3/4	06012	10,000	3.0	2
8 X 1/2	06021	10,000	3.1	2
8 X 5/8	06022	10,000	3.5	2
8 X 3/4	06023	10,000	4.1	2
8 X 1	06024	7,500	4.9	2
8 X 1-1/4	06025	5,000	5.8	2
8 X 1-1/2	06026	4,000	6.8	2
8 X 2	06028	3,000	8.71	2
10 X 1/2	06031	8,500	4.4	2
10 X 5/8	06032	7,500	4.9	3
10 X 3/4	06033	6,500	5.5	3
10 X 1	06034	5,000	6.7	3
10 X 1-1/4	06035	3,500	8.1	3
10 X 1-1/2	06036	3,000	9.2	3
10 X 2	06038	2,000	11.8	3
10 X 2-1/2	06040	1,500	14.1	3
10 X 3	06039	1,000	16.5	3
12 X 3/4	06042	5,000	7.4	3
12 X 7/8	50752	4,000	8.4	4

SIZE	PART	PIECES	WEIGHT/M	DRILL POINT
TAMAÑO	PARTE	PIEZAS	PESO	BROCA
12 X 1	06043	3,500	9.0	3
12 X 1-1/4	06044	3,500	10.5	3
12 X 1-1/4	12044	3,000	10.8	5
12 X 1-1/2	06045	2,500	12.1	3
12 X 1-1/2	12056	2,500	12.8	5
12 X 2	06046	2,000	15.7	3
12 X 2	12058	2,000	16.8	5
12 X 2-1/2	06047	1,500	19.0	3
12 X 3	06049	1,000	22.3	3
14 X 3/4	06051	4,000	11.1	3
14 X 1	06052	3,000	13.3	3
14 X 1-1/4	06053	2,500	15.3	3
14 X 1-1/2	06054	2,000	18.0	3
14 X 2	06055	1,000	22.5	3
14 X 2-1/2	06060	1,000	26.9	3
14 X 3	06059	1,000	31.4	3
14 X 4	06061	450	40.6	3
14 X 5	06062	300	50.0	3
14 X 6	06067	300	58.4	3



High Head Hex Washer Head Self Drilling Screws Zinc Plated

TORNILLO AUTOTALADRANTE CON CABEZA Y ARANDELA HEXAGONALES

Carton Measurement
L:10.43" W:10.43" H:5.66"

Metal to metal fastening in light to heavy material. Attach fixtures, backup plates, indoor frames and similar items.

SIZE	PART	PIECES	WEIGHT/M	DRILL POINT
TAMAÑO	PARTE	PIEZAS	PESO	BROCA
10 X 3/4	06029	6,500	6.64	3
10 X 1	06030	5,000	7.91	3
10 X 1-1/2	06037	3,000	10.44	3

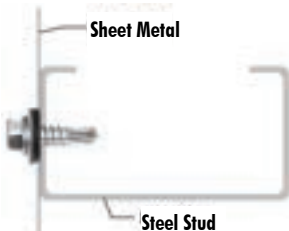


Hex Washer Head Self Drilling Screws with Steel Backed Neoprene Washer Zinc Plated

TORNILLO AUTOTALADRANTE CON CABEZA Y ARANDELA HEXAGONALES CON NEOPRENO ARANDELA

Carton Measurement
L:10.43" W:10.43" H:5.66"

Metal to metal fastening in light to heavy material. Self sealing washer for water proof applications.



SIZE	PART	PIECES	WEIGHT/M	DRILL POINT
TAMAÑO	PARTE	PIEZAS	PESO	BROCA
8 X 1-1/4	06075	2,500	8.7	2
10 X 1/2	06082	4,000	7.2	3
10 X 3/4	06083	4,000	8.6	3
10 X 1	06084	3,000	6.8	3
10 X 1-1/4	06085	2,500	8.1	3
10 X 1-1/2	06086	2,000	9.4	3
10 X 2	06090	1,500	11.9	3
12 X 3/4	06093	3,000	7.5	3
12 X 1	06094	3,000	8.9	3
12 X 1-1/4	06095	2,500	10.8	3

SIZE	PART	PIECES	WEIGHT/M	DRILL POINT
TAMAÑO	PARTE	PIEZAS	PESO	BROCA
12 X 1-1/2	06096	2,000	12.6	3
12 X 2	06098	1,500	15.4	3
12 X 3	06099	1,000	22.5	3
14 X 3/4	06103	2,500	11.5	3
14 X 1	06104	2,000	14.0	3
14 X 1-1/4	06105	2,000	16.1	3
14 X 1-1/2	06106	1,500	17.9	3
14 X 2	06108	1,000	22.5	3
14 X 2-1/2	06107	1,000	27.1	3
14 X 3	06109	800	31.5	3

Self Drilling Screws

Recommended drive speed of 2,500 RPM



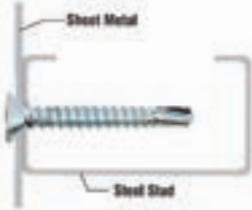
Phillips Flat Head Self Drilling Screws Zinc Plated

TORNILLO AUTOTALADRANTE CON CABEZA Y ARANDELA PHILLIPS

Carton Measurement
L:10.43" W:10.43" H:5.66"

Meets ASME B18.6.4 & SAE J78

Metal to metal fastening in light to heavy material. Attached fixtures, backup plates, indoor frames and similar items.



SIZE	PART	PIECES	WEIGHT/M	DRILL POINT
TAMAÑO	PARTE	PIEZAS	PESO	BROCA
6 X 1/2	05883	15,000	1.4	2
6 X 3/4	05884	10,000	2.1	2
6 X 1	05885	10,000	2.8	2
8 X 1/2	05886	10,000	2.1	2
8 X 3/4	05887	10,000	2.9	2
8 X 1	05888	8,000	4.1	2
8 X 1-1/4	05889	8,000	4.9	2
8 X 1-1/2	05890	5,000	5.7	2
8 X 2	05891	3,000	7.8	2
10 X 3/4	05892	8,000	4.3	3
10 X 1	05893	5,000	5.5	3
10 X 1-1/2	05894	3,000	7.8	3
10 X 2	05895	2,000	10.1	3

SIZE	PART	PIECES	WEIGHT/M	DRILL POINT
TAMAÑO	PARTE	PIEZAS	PESO	BROCA
10 X 2-1/2	05896	2,000	12.6	3
10 X 3	05897	1,500	15.2	3
12 X 1	05898	3,000	7.2	3
12 X 1-1/2	05899	2,500	10.7	3
12 X 2	05900	2,000	13.9	3
12 X 2-1/2	05901	2,000	17.0	3
12 X 3	05902	1,500	20.2	3
14 X 1	05903	3,000	9.8	3
14 X 1-1/4	05904	2,000	12	3
14 X 2	05905	2,000	18.7	3
14 X 2-1/2	05906	1,500	23.2	3
14 X 3	05907	1,500	27.6	3

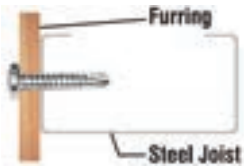


Phillips Pan Head Self Drilling Screws Zinc Plated

TORNILLO PUNTA DE BROCA, CABEZA FIJADORA PHILLIPS

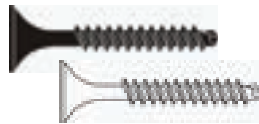
Carton Measurement
L:10.43" W:10.43" H:5.66"

For attaching strapping or furring channel to steel joist. Also for metal fastening in light gauge material, such as fixtures, electrical boxes, etc. to metal studs.



SIZE	PART	PIECES	WEIGHT/M	DRILL POINT
TAMAÑO	PARTE	PIEZAS	PESO	BROCA
6 X 3/8	06115	15,000	1.7	2
6 X 1/2	06116	15,000	2.0	2
6 X 3/4	06117	10,000	2.4	2
6 X 1	06118	10,000	3.3	2
8 X 1/2	06121	10,000	2.9	2
8 X 5/8	06122	10,000	3.6	2
8 X 3/4	06123	10,000	3.8	2
8 X 1	06124	8,000	4.8	2
8 X 1-1/4	06125	7,000	5.7	2
8 X 1-1/2	06126	4,000	6.6	2

SIZE	PART	PIECES	WEIGHT/M	DRILL POINT
TAMAÑO	PARTE	PIEZAS	PESO	BROCA
8 X 2	06127	3,000	8.6	2
8 X 3	06129	2,000	12.4	2
10 X 1/2	06130	10,000	4.4	2
10 X 5/8	06131	10,000	5.0	2
10 X 3/4	06132	6,000	5.5	2
10 X 1	06133	5,000	6.6	2
10 X 1-1/4	06134	3,000	7.8	2
10 X 1-1/2	06135	3,000	9.2	2
10 X 2	06136	2,000	11.8	2
10 X 3	06137	1,500	16.5	2

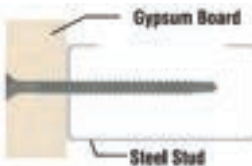


Phillips Bugle Head Self Drilling Screws

TORNILLO AUTOTALADRANTE PARA PARES DE YESO CON CABEZA TROMPETA

Carton Measurement
L:10.43" W:10.43" H:5.66"

Use for attaching drywall (gypsum board) to 20-12 gauge metal studs. Available in zinc and black phosphate.



Black Phosphate				
SIZE	PART	PIECES	WEIGHT/M	DRILL POINT
TAMAÑO	PARTE	PIEZAS	PESO	BROCA
6 X 1	06421	10,000	3.2	2
6 X 1-1/8	06422	10,000	3.5	2
6 X 1-1/4	06423	8,000	3.9	2
6 X 1-5/8	06425	5,000	4.9	2
6 X 1-7/8	06427	4,000	5.6	2
6 X 2	06426	3,500	5.9	2
8 X 2-3/8	06430	2,500	9.2	2
8 X 2-5/8	06442	2,500	10.0	2
8 X 3	06445	2,000	11.5	2
10 X 3-1/2	06446	1,000	18.0	2

Zinc Plated				
SIZE	PART	PIECES	WEIGHT/M	DRILL POINT
TAMAÑO	PARTE	PIEZAS	PESO	BROCA
6 X 1	06460	10,000	3.3	2
6 X 1-1/8	06464	10,000	3.5	2
6 X 1-1/4	06463	8,000	3.9	2
6 X 1-5/8	06465	5,000	4.9	2
6 X 1-7/8	06462	4,000	5.6	2
8 X 2-3/8	06468	2,500	9.2	2
8 X 2-5/8	06470	2,000	10.0	2
8 X 3	06466	2,000	11.5	2

Self Drilling Screws



Phillips Wafer Head Self Drilling Screws No Wings and Phillips Flat Head Reamer Self Drilling Screws w/ Wings Zinc Plated

Carton Measurement
L:10.43" W:10.43" H:5.66"

TORNILLO CON CABEZA OBLEA AUTOTALADRANTE

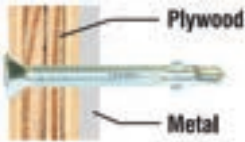
WAFER HEAD NO WINGS/SIN ALAS

SIZE	PART	PIECES	WEIGHT/M	DRILL POINT
TAMAÑO	PARTE	PIEZAS	PESO	BROCA
10 X 1	09324	5,000	6.7	3
10 X 1-1/4	09325	3,500	8.0	3
10 X 1-1/2	09326	3,000	9.3	3

FLAT HEAD WITH WINGS/CON ALAS

SIZE	PART	PIECES	WEIGHT/M	DRILL POINT
TAMAÑO	PARTE	PIEZAS	PESO	BROCA
10 X 1-7/16	09352	3,000	9.1	3
12 X 2	09354	2,000	15.2	3
12 X 2-1/2	09355	1,000	18.9	3
14 X 2-3/4	09356	1,000	28.0	3
14 X 3-1/4	09357	1,000	33.3	3

For attaching 1/4" - 1/2" plywood to 20-14 gauge metal. Wing eliminates pre-drilling of wood.



Phillips Pan Head Framing Self-Drilling Screws

Carton Measurement
L:10.43" W:10.43" H:5.66"

TORNILLO AUTOTALADRANTE DE ENSAMBLE TRONCOCONICO

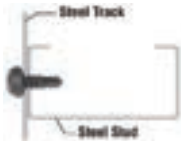
BLACK PHOSPHATE

SIZE	PART	PIECES	WEIGHT/M	DRILL POINT
TAMAÑO	PARTE	PIEZAS	PESO	BROCA
7 X 7/16	06323	10,000	2.6	2

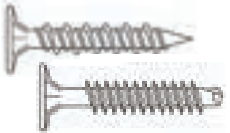
ZINC PLATED

SIZE	PART	PIECES	WEIGHT/M	DRILL POINT
TAMAÑO	PARTE	PIEZAS	PESO	BROCA
7 X 7/16	06324	10,000	2.6	2

For attaching 20-16 gauge steel track to 20-16 gauge steel studs. Available in zinc and black phosphate.



Cement Board Screws



Phillips Wafer Head Cement Board Screws Sharp Point and Self Drilling

Carton Measurement
L:10.43" W:10.43" H:5.66"

PHILLIPS TORNILLO DE CABEZA PLANA PARA PANELES DE CEMENTO EN PUNTA DE AFILADA O PUNTA DE BROCA

SHARP POINT/ PUNTA AFILADA

SIZE	PART	PIECES	WEIGHT/M
TAMAÑO	PARTE	PIEZAS	PESO
8 x 1-1/4	05615	5,000	5.6
8 x 1-5/8	05616	4,000	7.1
8 x 2-1/4	05618	2,000	9.5

SELF DRILLING/ PUNTA DE BROCA

SIZE	PART	PIECES	WEIGHT/M	DRILL POINT
TAMAÑO	PARTE	PIEZAS	PESO	BROCA
8 x 1-1/4	05630	5,000	5.6	2
8 x 1-5/8	05631	4,000	7.1	2
8 x 2-1/4	05633	2,000	9.5	2

Sharp point: designed to fasten cement board to wood or light gauge steel studs (25-20 gauge). Nibs under the head help it to countersink into the board.

Hi-Lo Thread

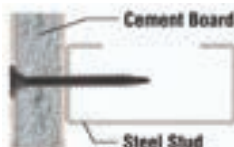
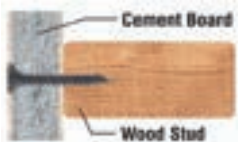
Self Drilling: designed to fasten cement board to metal studs (20-14 gauge). Nibs under the head help it to countersink in to the board.

ENVIRO-COAT-GRAY

Anti-Corrosion coating
Rated at 1,000 salt-spray hours
ASTM B117

SELF DRILLING WITH WINGS/ PUNTA DE BROCA CON ALAS

SIZE	PART	PIECES	WEIGHT/M	DRILL POINT
TAMAÑO	PARTE	PIEZAS	PESO	BROCA
8 x 1-1/4	05620	5,000	5.95	2



Sharp Point Sheet Metal Screws

Recommended drive speed of 2,500 RPM



Phillips Pan Head Framing Screws Sharp Point w/ serrations under head

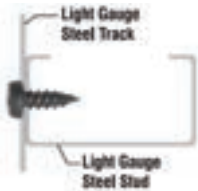
TORNILLO DE PUNTA AFLADA DE ENSAMBLE TRONCOCONICO

Carton Measurement
L:10.43" W:10.43" H:5.66"

For attaching 25-20 gauge steel track to 25-20 gauge steel studs. Available in black phosphate. Single lead double thread.

BLACK PHOSPHATE

SIZE	PART	PIECES	WEIGHT/M
TAMAÑO	PARTE	PIEZAS	PESO
6 X 7/16	06919	10,000	2.3
7 X 7/16	06920	10,000	2.5



Slotted Hex Washer Head Sheet Metal Screws Sharp Point Zinc Plated

TORNILLO CON CABEZA Y ARANDELA HEXAGONALES DE PUNTA AFLADA

Carton Measurement
L:10.43" W:10.43" H:5.66"

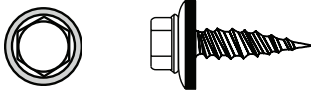
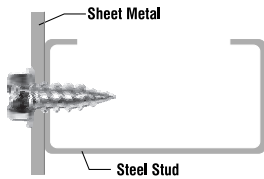
Self-piercing needle point. Single lead, double thread. For H.V.A.C. purposes.

#8's 1/4" Diameter Across the Head

SIZE	PART	PIECES	WEIGHT/M
TAMAÑO	PARTE	PIEZAS	PESO
6 X 3/8	07695	20,000	2.0
7 X 1/2	07701	10,000	2.4
8 X 1/2	07704	10,000	2.9
8 X 3/4	07706	10,000	3.7
8 X 1	07707	7,000	4.5
8 X 1-1/4	07709	5,000	5.4
8 X 1-1/2	07710	4,500	5.9
8 X 2	07713	2,500	7.9

#10's 5/16" Diameter Across the Head

SIZE	PART	PIECES	WEIGHT/M
TAMAÑO	PARTE	PIEZAS	PESO
10 X 1/2	07718	10,000	4.1
10 X 3/4	07719	6,500	5.4
10 X 1	07720	5,000	6.3
10 X 1-1/2	07721	4,000	8.5
10 X 2	07722	2,000	10.8



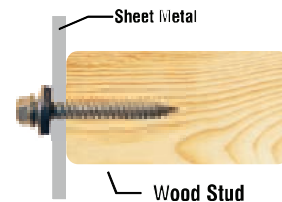
Hex Washer Head Screws with Neoprene Washer Galvanized Sharp Point

TORNILLO AUTOTALADRANTE CON CABEZA Y ARANDELA HEXAGONALES CON NEOPRENO

Carton Measurement
L:10.43" W:10.43" H:5.66"

For metal to wood. Self sealing washer for water proof applications. Single lead double thread. Used in roofing and siding applications.

SIZE	PART	PIECES	WEIGHT/M
TAMAÑO	PARTE	PIEZAS	PESO
9 X 1	06077	4,000	8.1
9 X 1-1/2	06079	2,500	10.0
9 X 2	06161	2,500	12.5
9 X 2-1/2	06162	1,500	14.6
9 X 3	06163	1,500	17.0



Specialty Screws Concrete Screw Anchors

POWER-CON™

Carton Measurement
L:10.43" W:10.43" H:5.66"

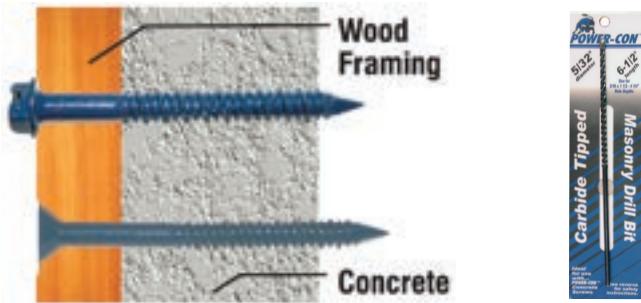
Concrete Screws Envirocoat Blue Finish Diamond Tip, Hi-lo Thread (1,000 salt spray hours)

ANCLAS DE TORNILLO PARA CONCRETO HEXAGONALES

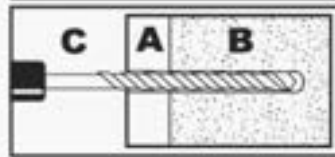


MATERIALS:
Concrete, brick, cinder block/masonry

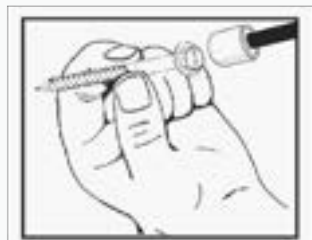
Designed for quick, safe, secure fastening for a variety of jobs in concrete, brick, cinder block/masonry. Provides self-threading action and maximum holding power for fastening junction boxes, wall partitions, insulation, frames, gutters, fixtures, expansion joints, stud tracks, duct straps, and signs.



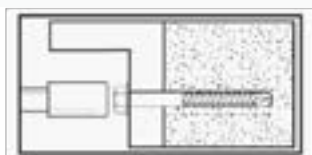
Attached Fixture	Hole Depth	Screw Length	Bit Length
A	B	C	
0 - 1/4"	1 1/2"	1 1/4"	3 1/2"
1/4 - 3/8"	2"	1 3/4"	3 1/2"
3/8 - 1 1/4"	2 1/2"	2 1/4"	4 1/2"
1 1/4 - 1 3/4"	3"	2 3/4"	4 1/2"
1 3/4 - 2 1/4"	3 1/2"	3 3/4"	5"
2 1/4 - 2 3/4"	4"	3 1/2"	5 1/2"
2 3/4 - 3"	4 1/4"	4"	5 1/2"



1. Using the proper diameter POWER-CON™ bit, drill a hole into the base material to at least a 1/2" deeper than the fastener embedment. Carbide tipped masonry drill bits must be used. Clean the hole of any dust or debris.



2. Select the POWER-CON™ Concrete Screw Anchor to be used. Insert the anchor into the hex head socket or Phillips head driver. For softer concrete or masonry, set motor to the "rotation only" mode.



3. Place the point of the POWER-CON™ Concrete Screw Anchor through the designated material, into the pre-drilled hole, and drive the anchor until it is fully seated at the proper embedment.

Features

Hi-Lo thread design:

- Taps its own thread and eases installation*
- Increases pullout values

- Special 1,000-hour salt spray tested, blue plating offers optimum corrosion resistance.

Other benefits:

- Available in hex head and phillips flat head.
- Made with hardened steel.
- No sleeve or shield required.
- Diamond tip penetrates hard materials.

* Pilot hole necessary for correct installation. Drill bit sold separately.

CAUTION:

Hardened carbon steel meets or exceeds industry standards. However, the effects of galvanic corrosion should be considered if they are used with aluminum or when moisture may be present.

POWER-CON™ Concrete Screw Anchors must be installed with special tolerance masonry drill bits.

Hex Washer Head Slotted

SIZE TAMAÑO	PACKAGE		BULK		WEIGHT/C PESO
	PART PARTE	PIECES PIEZAS	PART PARTE	PIECES PIEZAS	
3/16 X 1-1/4	10901	100	10781	2,000	0.7
3/16 X 1-3/4	10903	100	10783	2,000	0.9
3/16 X 2-1/4	10905	100	10785	2,000	1.2
3/16 X 2-3/4	10907	100	10787	2,000	1.4
3/16 X 3-1/4	10909	100	10789	1,000	1.7
3/16 X 3-3/4	10911	100	10791	1,000	1.9
3/16 X 4	10913	100	10793	1,000	2.1
1/4 X 1-1/4	10919	100	10795	2,000	1.2
1/4 X 1-3/4	10921	100	10797	2,000	1.6
1/4 X 2-1/4	10923	100	10799	1,000	2.0
1/4 X 2-3/4	10925	100	10801	1,000	2.5
1/4 X 3-1/4	10927	100	10803	1,000	2.9
1/4 X 3-3/4	10929	100	10805	1,000	3.3
1/4 X 4	10931	100	10807	1,000	3.5
1/4 X 6	10933	100			5.1

*3/16 = 1/4 Drive

*1/4 = 5/16 Drive

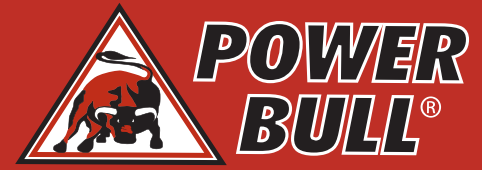
Flat Head Phillips

SIZE TAMAÑO	PACKAGE		BULK		WEIGHT/C PESO
	PART PARTE	PIECES PIEZAS	PART PARTE	PIECES PIEZAS	
3/16 X 1-1/4	10937	100	10809	2,000	0.7
3/16 X 1-3/4	10939	100	10811	2,000	0.9
3/16 X 2-1/4	10941	100	10813	2,000	1.2
3/16 X 2-3/4	10943	100	10815	2,000	1.4
3/16 X 3-1/4	10945	100	10817	1,000	1.7
3/16 X 3-3/4	10947	100	10819	1,000	1.9
3/16 X 4	10949	100	10821	1,000	2.0
1/4 X 1-1/4	10955	100	10823	2,000	1.2
1/4 X 1-3/4	10957	100	10825	2,000	1.6
1/4 X 2-1/4	10959	100	10827	1,000	2.0
1/4 X 2-3/4	10961	100	10829	1,000	2.3
1/4 X 3-1/4	10963	100	10831	1,000	2.8
1/4 X 3-3/4	10965	100	10833	1,000	3.2
1/4 X 4	10967	100	10835	1,000	3.4

Masonry Drill Bits

SIZE TAMAÑO	BULK		PACKAGE/SKINCARD		WEIGHT/C PESO
	PART PARTE	PIECES PIEZAS	PART PARTE	PIECES PIEZAS	
5/32 X 3-1/2	80260	50	80240	EA	
5/32 X 4-1/2	80261	50	80241	EA	
5/32 X 5-1/2	80262	50	80242	EA	
5/32 X 6-1/2	80263	50	80243	EA	
3/16 X 3-1/2	80264	50	80244	EA	
3/16 X 4-1/2	80265	50	80245	EA	
3/16 X 5-1/2	80266	50	80246	EA	
3/16 X 6-1/2	80267	50	80247	EA	

Heavy Duty Anchors



MATERIALS:
Concrete, brick or stone.



Wedge Anchors Zinc Plated

ANCLA DE CUNA

*Meets ICC ESR-2254

Product Information

Concrete Strength 4,000 psi

FEATURES: A heavy duty anchor for applications that require higher pullout values. Wedge anchors are ideal for attaching vibration-prone machinery such as motors, generators, and conveyors. Also used for pallet or storage racking systems, column bases, steel rails, dock bumpers, pipe hangers and tilt-ups.

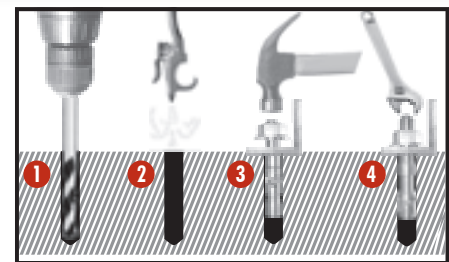


DIAMETER	LENGTH	PART	DRILL	BOX/CTN	WEIGHT/C	COLOR	CODE	MINIMUM EMBEDMENT	ULTIMATE TENSION (lb)
DIÁMETRO	LONGITUD	PARTE	SIZE	CAJA/CARTÓN	PESO	COLOR	CODIGO	MINIMO EMPOTRAMIENTO	ULTIMO TENSION (lb)
1/4	1-3/4	09021	1/4	100/1000	3.0	Black/Negro	A	1-1/8	1,870
	2-1/4	09023	1/4	100/1000	3.4	White/Blanco	B	1-1/8	1,870
	3	09024	1/4	100/1000	3.8	Green/Verde	D	1-1/8	1,870
	3-1/4	09025	1/4	100/1000	4.2	Green/Verde	D	1-1/8	1,870
5/16	2	09026	5/16	100/500-	5.2	White/Blanco	B	1-1/2	2,530
	2-3/4	09027	5/16	100/500	6.58	Red/Rojo	C	1-1/2	2,530
	3-1/2	09028	5/16	100/500	7.53	Yellow/Amarillo	E	1-1/2	2,530
	5	09029	5/16	50/250	10.2	Brown/Café	H	1-1/2	2,530
* 3/8	2-1/8	09031	3/8	100/500	7.6	White/Blanco	B	1-1/2	3,330
	2-1/4	09032	3/8	100/500	7.8	White/Blanco	B	1-1/2	3,330
	2-3/4	09033	3/8	100/500	9.0	Red/Rojo	C	1-1/2	3,330
	3	09034	3/8	100/500	9.8	Green/Verde	D	1-1/2	3,330
	3-1/2	09035	3/8	100/500	10.8	Yellow/Amarillo	E	1-1/2	3,330
	3-3/4	09036	3/8	100/500	11.5	Yellow/Amarillo	E	1-1/2	3,330
	5	09039	3/8	50/500	14.6	Orange/Naranja	H	1-1/2	3,330
* 1/2	7	09038	3/8	50/250	19.5	Orange/Naranja	L	1-1/2	3,330
	2-3/4	09041	1/2	50/250	17.2	Red/Rojo	C	2-1/4	5,280
	3-3/4	09043	1/2	50/250	21.8	Yellow/Amarillo	E	2-1/4	5,280
	4-1/4	09045	1/2	25/125	23.9	Blue/Azul	F	2-1/4	5,280
	4-1/2	09046	1/2	25/125	25.09	Brown	F	2-1/4	5,280
	5-1/2	09047	1/2	25/125	29.6		I	2-1/4	5,280
	7	09049	1/2	25/125	36.5		L	2-1/4	5,280
	8-1/2	09044	1/2	25/100	42.68		O	2-1/4	5,280
	10	09050	1/2	25/100	47.8		R	2-1/4	5,280
	12	09048	1/2	20/80	52.9			2-1/4	5,280
* 5/8	3-1/2	09051	5/8	25/125	35.4	Yellow/Amarillo	E	2-3/4	7,480
	4-1/4	09052	5/8	25/125	40.3		F	2-3/4	7,480
	4-1/2	09053	5/8	25/125	42.51	Brown/Café	G	2-3/4	7,480
	5	09055	5/8	25/100	46.05	Orange/Naranja	H	2-3/4	7,480
	6	09056	5/8	25/100	53.20		J	2-3/4	7,480
	7	09057	5/8	25/100	60.7		L	2-3/4	7,480
	8-1/2	09058	5/8	20/80	71.5		O	2-3/4	7,480
	10	09059	5/8	15/60	80.4		R	2-3/4	7,480
* 3/4	4-1/4	09061	3/4	20/80	62.2	Blue/Azul	F	3-1/4	11,880
	4-3/4	09062	3/4	20/80	67.3	Brown/Café	G	3-1/4	11,880
	5-1/2	09064	3/4	20/80	75.5		I	3-1/4	11,880
	6-1/4	09065	3/4	20/80	82.6		J	3-1/4	11,880
	7	09067	3/4	10/50	90.9		L	3-1/4	11,880
	8-1/2	09068	3/4	10/40	109.6		O	3-1/4	11,880
	10	09069	3/4	10/40	119.6		R	3-1/4	11,880
7/8	12	09070	3/4	5/20	144.4		T	3-1/4	11,880
	6	09072	7/8	5/25	114.2		J	4	12,980
	8	09074	7/8	5/25	139.4		N	4	12,980
	10	09076	7/8	5/25	166.9		R	4	12,980
1	6	09082	1	5/25	147.4		J	4-1/2	15,840
	9	09086	1	5/20	201.9		P	4-1/2	15,840
	12	09089	1	5/20	279.0		T	4-1/2	15,840

Installation Guide

- Using a masonry bit that meets ANSI SPECIFICATION B212. 15-1994, drill hole equal to the diameter of the anchor to a depth exceeding minimum embedment.
- Clean hole thoroughly of debris using compressed air or a blow out bulb.
- Assemble the nut and washer with the nut flush with the top of the anchor. Using a hammer, drive anchor through material to be fastened until it is flush with the surface.
- Set the anchor by tightening 3-5 turns. Proper installation requires use of a torque wrench set to the suggested level (see Torque Chart).

- Utilizando una broca de taladro que cumpla con la ESPECIFICACIÓN ANSI B212.15-1994, haga un agujero cuya profundidad sea igual que la del anda, y que sobrepase el empotrado mínimo.
- Retire completamente los restos del agujero con aire a presión o con una perilla de expulsión.
- Monte la tuerca y la arandela con la tuerca a ras de la parte superior del ancla. Con un martillo, haga que el ancla pase a través del material que se va a sujetar hasta que éste esté a ras de superficie.
- Fije el ancla, girandolo 3 ó 5 veces. Una instalación correcta requiere que la llave de torsión se ajuste al nivel aconsejado (véase Gráfica de Torsión).



Heavy Duty Anchors



Wedge Anchors Stainless Steel 304/316

ANCLA DE CUNA



MATERIALS:

Concrete, brick or stone.

*Offers ultimate corrosion protection



Product Information							Minimum Concrete of 4,000 psi			
DIAMETER	LENGTH	304 PART	316 PART	DRILL	BOX/CTN	WEIGHT/C	COLOR	CODE	MINIMUM EMBEDMENT	ULTIMATE TENSION (lb)
DIÁMETRO	LONGITUD	PARTE	PARTE	SIZE	CAJA/CARTÓN	PESO	COLOR	CODIGO	MINIMO EMPOTRAMIENTO	ULTIMO TENSION (lb)
1/4	1-3/4	09125	09285	1/4	100/1000	3.0	Black/Negro	A	1-1/8	1,870
	2-1/4	09127	09286	1/4	100/1000	3.55	White/Blanco	B	1-1/8	1,870
	3	09128	09287	1/4	100/1000	3.8	Green/Verde	D	1-1/8	1,870
	3-1/4	09129	09288	1/4	100/1000	4.2	Green/Verde	D	1-1/8	1,870
3/8	2-3/4	09132	09289	3/8	100/500	9.0	White/Blanco	B	1-1/2	3,300
	3	09133	09290	3/8	100/500	9.68	White/Blanco	B	1-1/2	3,300
	3-3/4	09136	09291	3/8	100/500	11.4	Red/Rojo	C	1-1/2	3,300
	5	09137	09292	3/8	50/500	14.4	Green/Verde	D	1-1/2	3,300
1/2	2-3/4	09142	09293	1/2	50/250	17.5	Red/Rojo	C	2-1/4	5,280
	3-3/4	09143	09294	1/2	50/250	22.14	Yellow/Amarillo	E	2-1/4	5,280
	4-1/4	09144	09295	1/2	25/125	24.3	Blue/Azul	F	2-1/4	5,280
	5-1/2	09145	09296	1/2	25/125	29.5		I	2-1/4	5,280
	7	09146	09297	1/2	25/125	37.2		L	2-1/4	5,280
5/8	4-1/2	09152	09298	5/8	25/125	42.2	Yellow/Amarillo	E	2-3/4	7,480
	6	09155	09299	5/8	25/100	52.50	Brown/Café	G	2-3/4	7,480
	7	09156	09300	5/8	25/100	60.6	Orange/Naranja	H	2-3/4	7,480
3/4	4-1/4	09160	09301	3/4	20/80	62.1	Blue/Azul	F	3-1/4	11,880
	4-3/4	09162	09302	3/4	20/80	67.05	Brown/Café	G	3-1/4	11,880
	5-1/2	09163	09303	3/4	20/80	74.7		I	3-1/4	11,880
	6-1/4	09165	09304	3/4	20/80	81.5		J	3-1/4	11,880
	7	09164	09305	3/4	10/50	89.9		L	3-1/4	11,880



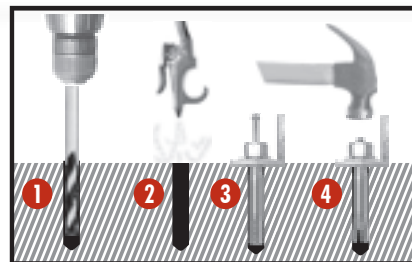
Strike Pin Anchor Yellow Zinc Plated

ANCLA DE TAQUETE DE UNA

Product Information					Minimum Concrete of 4,000 psi			Product Information					Minimum Concrete of 4,000 psi		
DIAMETER	LENGTH	PART	BOX/CTN	WEIGHT/C	EMBEDMENT	ULTIMATE TENSION (lb)	SHEAR (lb)	DIAMETER	LENGTH	PART	BOX/CTN	WEIGHT/C	EMBEDMENT	ULTIMATE TENSION (lb)	SHEAR (lb)
DIÁMETRO	LONGITUD	PARTE	CAJA/CARTÓN	PESO	EMPOTRAMIENTO	ULTIMO TENSION (lb)	CIZALLA (lb)	DIÁMETRO	LONGITUD	PARTE	CAJA/CARTÓN	PESO	EMPOTRAMIENTO	ULTIMO TENSION (lb)	CIZALLA (lb)
1/4	1-3/4	00920	100/1000	3.2	1-1/8	2,000	3,400	1/2	2-3/4	00934	50/250	19.2	2-1/2	6,500	10,600
	2-3/8	00922	100/1000	4.0	1-1/8	2,000	3,400		3-1/2	00936	50/250	23.0	2-1/2	6,500	10,600
5/16	2	00924	100/1000	5.4	1-1/2	3,500	4,400		4-3/4	00938	50/200	29.1	2-1/2	6,500	10,600
	2-3/4	00926	100/500	7.0	1-1/2	3,500	4,400		6	00940	50/200	35.3	2-1/2	6,500	10,600
3/8	2-3/8	00928	100/500	8.6	1-7/8	4,700	5,500		5/8	4	00942	30/120	49.7	2-3/4	7,200
	3-1/2	00930	100/500	11.5	1-7/8	4,700	5,500	4-3/4		00944	30/120	56.4	2-3/4	7,200	12,000
	4-3/4	00932	100/500	15.3	1-7/8	4,700	5,500	6		00946	25/100	65.7	2-3/4	7,200	12,000
3/4								3/4	5	00948	20/80	89	3-1/2	9,700	13,700
									6	00950	15/60	98.1	3-1/2	9,700	13,700
									7-1/2	00952	10/40	117.1	3-1/2	9,700	13,700

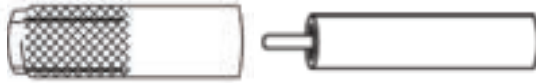
Installation Guide

- Using a masonry bit with a diameter which equals the anchor diameter and meets ANSI SPECIFICATION B212. 15-1994, drill a hole slightly deeper than the anchor length.
 - Clean hole thoroughly of debris using compressed air or a blow out bulb.
 - Place nut and washer on the anchor so the nut is either flush with the top or turned fully to provide a stud finish. Insert the anchor through the item to be attached and into the hole.
 - Using a hammer, strike set pin squarely until pin is flush with the anchor head. The anchor is now set. It is unnecessary to torque the nut.
- Utilizando una broca de taladro con un diámetro igual que el del anclaje y que cumpla con la ESPECIFICACION ANSI B212.15-1994, haga un agujero un poco más profundo que el largo del ancla.
 - Retire completamente los restos del agujero con aire a presión o con una perilla de expulsión.
 - Coloque la tuerca y la arandela en el anclaje de tal modo que la tuerca esté al ras de la parte superior o girada completamente, para que proporcione un acabado de soporte. Introduzca el ancla en el elemento que va a acoplar en el agujero.
 - Golpee con un martillo para ajustar el gozne en ángulo recto hasta que esté al ras de la cabeza del ancla. El ancla ya está ajustado. No es necesario girar la tuerca.



★ FEATURES:

Designed for quick setting, the strike pin anchor is an impact-expansion type concrete anchor used for medium to heavy duty application. Features an integrated nut and washer.



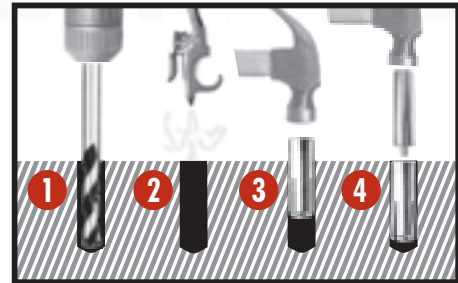
Knurled Drop-In Anchors Zinc Plated, Stainless Steel, and Setting Tools

ANCLA TIRA FONDO

ZINC PACKAGE								ZINC BULK				STAINLESS STEEL 304			SETTING TOOL			
Product Information				Minimum Concrete of 2,000 psi				Same Embedment and Ultimate Tension as Zinc / Min. Concrete of 2000 psi										
SIZE	HOLE SIZE	DRILL SIZE	PART	BOX/CTN	WEIGHT/C	EMBEDMENT	ULTIMATE TENSION (lb)	SIZE	PART	PIECES	WEIGHT/C	PART	BOX/CTN	WEIGHT/C	PART	SIZE	WEIGHT/C	
TAMAÑO	TAMAÑO DEL AGUJERO	TAMAÑO DEL TALADRO	PARTE	CAJA/CARTÓN	PESO	EMPOTRAMIENTO	ULTIMO TENSION (lb)	TAMAÑO	PARTE	PIEZAS	PESO	PARTE	CAJA/CARTÓN	PESO	PARTE	TAMAÑO	PESO	
1/4	1/4	3/8	09220	100/3000	2.2	1	1,112	1/4	B1220	3000	2.2	09222	100/1000	2.2	09280	1/4	14.8	
*3/8	3/8	1/2	09230	50/1000	6.0	1-9/16	2,152	3/8	B1230	1000	6.0	09223	50/500	6.0	09281	3/8	25.1	
*1/2	1/2	5/8	09240	50/500	11.7	2	4,072	1/2	B1240	500	11.8	09224	50/500	11.8	09282	1/2	41.1	
5/8	5/8	7/8	09250	20/160	30.1	2-1/2	4,632	5/8							09283	5/8	84.7	
3/4	3/4	1	09260	25/150	48.5	3-1/8	8,552	3/4							09284	3/4	101.1	

Installation Guide

- Using a masonry bit with the same diameter as the anchor, drill hole slightly deeper than the anchor length.
 - Clean hole of debris using compressed air or a blow out bulb.
 - Insert the drop-in anchor and hammer until it is flush with the top of the surface.
 - Select the correct setting tool* (the outside diameter of the tool must be the same as the anchor's diameter). Expand the anchor by hitting the setting tool until the shoulder is flush with the anchor.
- Utilizando una broca de taladro con un diametro igual que el del ancla, haga un agujero un poco mas profundo que el largo del ancla.
 - Retire completamente los restos del agujero con aire a presión o con una perilla de expulsión.
 - Introduzca el ancla y con el martillo, golpeelo hasta que este a ras de la superficie.
 - Seleccione la herramienta de ajuste* adecuada (el diametro externo de la herramienta debe ser el mismo que el diametro del anclaje). Extienda el ancla golpeando la herramienta de ajuste hasta que el borde este al ras del ancla.



MATERIALS:
Concrete, brick or stone.



FEATURES:

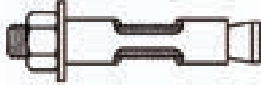
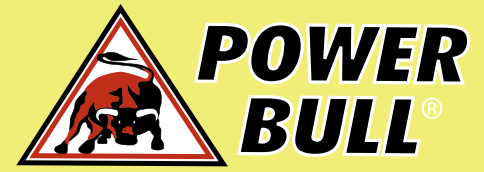
For securing light to medium weight equipment such as pipe work, ducts and machinery to ceilings and walls using bolts or threaded rods. Drop-ins are a flush, female anchor that incorporates an internal plug that remains in place even when used in overhead applications. The anchor expands when the plug is driven to the proper depth.

*Use only CYW, Inc. supplied setting tools, provided with every 100 anchors and also sold separately.

*Con cada 100 anclajes se incluye una herramienta de ajuste. También está disponible de form a seperada.



Medium Duty Anchors



Sleeve Anchors Hex Nut Zinc Plated

ANCLA DE MANGA TUERCA HEXAGONAL

PACKAGE						
Product Information			Concrete Strength of 4000 psi			
DIAMETER	LENGTH	PART	BOX/CTN	WEIGHT/C	EMBEDMENT	ULTIMATE TENSION (lb)
DIÁMETRO	LONGITUD	PARTE	CAJA/CARTÓN	PESO	EMPOTRAMIENTO	ULTIMO TENSION (lb)
5/16	1-1/2	09405	100/1000	4.0	1-1/4	2,200
	2-1/2	09407	100/1000	5.6	1-1/4	2,200
3/8	1-7/8	09431	50/500	7.1	1-1/2	2,706
	3	09433	50/500	9.7	1-1/2	2,706
	4	09434	50/500	12.1	1-1/2	2,706
1/2	2-1/4	09442	25/250	12.0	1-7/8	4,400
	2-3/4	09443	25/250	14.0	1-7/8	4,400
	3	09444	25/250	15.0	1-7/8	4,400
	4	09446	25/250	18.5	1-7/8	4,400
5/8	2-1/4	09452	25/250	25.14	2	6,380
	3	09453	10/100	29.1	2	6,380
	4-1/4	09455	10/100	39.24	2	6,380
	6	09458	10/100	51.3	2	6,380
3/4	2-1/2	09462	10/100	45.62	2-1/4	7,700
	4-1/4	09464	5/50	62.06	2-1/4	7,700
	6-1/4	09467	5/50	82.41	2-1/4	7,700

BULK						
Product Information			Concrete Strength of 4000 psi			
DIAMETER	LENGTH	PART	BOX/CTN	WEIGHT/C	EMBEDMENT	ULTIMATE TENSION (lb)
DIÁMETRO	LONGITUD	PARTE	CAJA/CARTÓN	PESO	EMPOTRAMIENTO	ULTIMO TENSION (lb)
5/16	1-1/2	B1405	1,700	4.0	1-1/4	2,200
	2-1/2	B1407	1,200	5.6	1-1/4	2,200
3/8	1-7/8	B1431	700	7.1	1-1/2	2,706
	3	B1433	600	9.7	1-1/2	2,706
	4	B1434	500	12.1	1-1/2	2,706
1/2	2-1/4	B1442	500	12.0	1-7/8	4,400
	2-3/4	B1443	450	13.9	1-7/8	4,400
	3	B1444	400	14.1	1-7/8	4,400
	4	B1446	300	18.5	1-7/8	4,400
5/8	4-1/4	B1455	150	39.24	2	6,380
	6	B1458	100	59.3	2	6,380



Sleeve Anchors Combo Drive Flat Head Zinc Plated

ANCLA DE MANGA CABEZA PLANA

PACKAGE						
Product Information			Concrete Strength of 4000 psi			
DIAMETER	LENGTH	PART	BOX/CTN	WEIGHT/C	EMBEDMENT	ULTIMATE TENSION (lb)
DIÁMETRO	LONGITUD	PARTE	CAJA/CARTÓN	PESO	EMPOTRAMIENTO	ULTIMO TENSION (lb)
1/4	1-3/8	09521	100/1000	1.7	1-1/8	1,694
	2-1/4	09522	100/1000	2.8	1-1/8	1,694
	3	09523	100/1000	3.0	1-1/8	1,694
	3-1/8	09524	100/1000	4.01	1-1/8	1,694
3/8	2-3/4	09532	50/500	7.3	1-1/2	2,706
	4	09534	50/500	10.0	1-1/2	2,706
	5	09535	50/500	13.0	1-1/2	2,706
	6	09536	50/500	15.5	1-1/2	2,706

BULK						
Product Information			Concrete Strength of 4000 psi			
DIAMETER	LENGTH	PART	BOX/CTN	WEIGHT/C	EMBEDMENT	ULTIMATE TENSION (lb)
DIÁMETRO	LONGITUD	PARTE	CAJA/CARTÓN	PESO	EMPOTRAMIENTO	ULTIMO TENSION (lb)
1/4	3-1/8	B1524	4,000	4.01	1-1/8	1,698
3/8	5	B1535	400	13.0	1-1/2	2,712



FEATURES:

The ideal anchors for fastening applications that require medium pullout values. Our sleeve anchors are good for applications including attaching door and window frames, stair rails, steel ledgers, storage racking and electrical junction boxes.



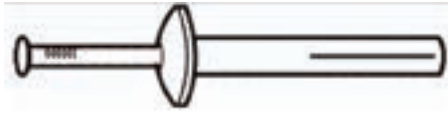
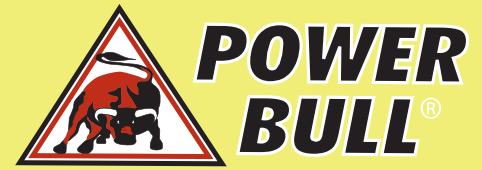
MATERIALS:

Aged brick, block, drywall, masonry, or concrete

Torque Chart

Diameter	Torque	Diameter	Torque
Diámetro	Torsión	Diámetro	Torsión
1/4	3-5	1/2	20-35
5/16	6-10	5/8	35-60
3/8	10-18	3/4	60-110

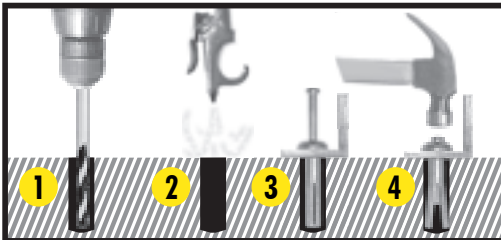
Medium Duty Anchors



Hammer Drive Anchors Zinc Alloy

ANCLA DE MARTILLO DE IMPULSION

PACKAGE							BULK						
Product Information				Concrete Strength of 4000 psi			Product Information				Concrete Strength of 4000 psi		
DIAMETER	LENGTH	PART	BOX/CTN	WEIGHT/C	EMBEDMENT	PULL-OUT (lbs)	DIAMETER	LENGTH	PART	BOX/CTN	WEIGHT/C	EMBEDMENT	PULL-OUT (lbs)
DIÁMETRO	LONGITUD	PARTE	CAJA/CARTÓN	PESO	EMPOTRAMIEN-TO		DIÁMETRO	LONGITUD	PARTE	CAJA/CARTÓN	PESO	EMPOTRAMIENTO	
3/16	7/8	09704	100/1000	1.2	3/4	649	3/16	7/8	B1604	5000	1.2	3/4	649
1/4	3/4	09713	100/1000	1.6	5/8	1241	1/4	3/4	B1613	3500	1.6	5/8	1241
	1	09715	100/1000	1.9	3/4	1095		1	B1615	2500	1.9	3/4	1095
	1-1/4	09716	100/1000	2.1	7/8	1133		1-1/4	B1616	2000	2.1	7/8	1133
	1-1/2	09718	100/1000	2.5	1-1/8	1169		1-1/2	B1618	2000	2.5	1-1/8	1169
	2	09719	100/1000	3.0	1-3/8	1253		2	B1619	1300	3.0	1-3/8	1253



Installation Guide

- Using a masonry bit with the same diameter which equals the anchor diameter and meets ANSI SPECIFICATION B212. 15 1994, drill a hole slightly deeper than the anchor length.
- Clean hole thoroughly of debris using compressed air or a blow out bulb.
- Insert the hammer drive anchor through the fixture and into the hole until the head is flush with the fixture.
- Set by using a hammer to drive the pin flush with the head.

- Utilizando una broca de taladro con un diámetro igual que el del ancla y que cumpla con la ESPECIFICACIÓN ANSI B212.15 1994, haga un agujero un poco más profundo que el largo del ancla.
- Retire completamente los restos del agujero con aire a presión o con una perilla de expulsión.
- Introduzca el ancla a través de la pieza de sujeción y dentro del agujero, hasta que la cabeza esté al ras de la pieza de sujeción.
- Ajustelo con un martillo para que el gozne esté al ras de la cabeza.

MATERIALS:

Concrete, solid block, brick or masonry walls.

FEATURES:

Designed for attaching fixtures to solid materials, the body of the hammer drive anchor is made from rustproof, high grade zinc alloy. Hammer drives come pre-assembled to offer quick and easy fastening in medium to light duty jobs. They feature a tamper-proof mushroom head.



Medium Duty Anchors

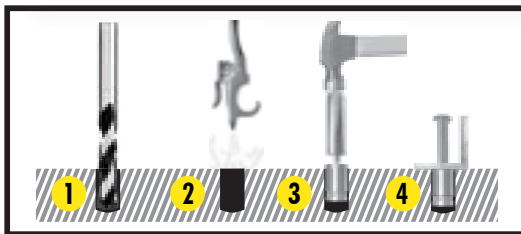


Lead Machine Screw Anchors and Setting Tools

ANCLA PARA PERNO DE MAQUIMA

PACKAGE								BULK								SETTING TOOL	
Product Information				Concrete Strength of 4000 psi				Product Information				Concrete Strength of 4000 psi					
DIAMETER	TPI	DRILL	PART	BOX/CTN	WEIGHT/C	EMBEDMENT	SUGGESTED TENSION (Max/lbs)	DIAMETER	TPI	DRILL	PART	BOX/CTN	WEIGHT/C	EMBEDMENT	SUGGESTED TENSION (Max/lbs)	PART	DIAMETER
DIÁMETRO		SIZE	PARTE	CAJA/CARTÓN	PESO	EMPOTRAMIENTO	TENSIÓN SUGERIDA (Max/lbs)	DIÁMETRO		SIZE	PARTE	CAJA/CARTÓN	PESO	EMPOTRAMIENTO	TENSIÓN SUGERIDA (Max/lbs)	PARTE	DIÁMETRO
#6	32	5/16	06750	100/1000	0.9	1/2	353	#6	32	5/16	B1650	5000	0.90	1/2	353	06771	6
#8	32	5/16	06751	100/1000	0.9	1/2	419	#8								06772	8
#10	24	3/8	06752	100/1000	1.7	5/8	595	#10								06773	10
1/4	20	1/2	06754	100/1000	3.7	7/8	1,058	1/4	20	1/2	B1654	1500	3.70	7/8	1,058	06774	1/4
5/16	18	5/8	06757	100/1000	6.4	1	1,367	5/16	18	5/8	B1657	800	6.40	1	1,367	06775	5/16
3/8	16	3/4	06760	50/500	9.5	1-1/4	2,183	3/8	16	3/4	B1660	500	9.50	1-1/4	2,183	06776	3/8
1/2	13	7/8	06763	50/250	17.0	1-1/2	2,690	1/2	13	7/8	B1663	250	17.00	1-1/2	2,690	06777	1/2
5/8	11	1-1/8	06766	25/125	39.2	2	3,505	5/8								06778	5/8
3/4	10	1-1/4	06769	15/125	48.0	2-1/4	5,093	3/4								06779	3/4

Installation Guide



- Using a masonry bit with a diameter which equals the anchor diameter and meets ANSI SPECIFICATION B212. 15 1994, drill a hole to a depth slightly deeper than the anchor length.
- Clean hole thoroughly of debris using compressed air or a blow out bulb.
- Insert the machine screw anchor into the hole and, using the setting tool*, tap with a hammer into place until it is flush with the top of the surface.
- Insert screw through the fixture and into the machine screw anchor and tighten.

- Utilizando una broca de taladro con un diámetro igual que el del ancla y que cumpla con la ESPECIFICACIÓN ANSI B212.15 1994, haga un agujero un poco más profundo que el largo del ancla.
- Retire completamente los restos del agujero con aire a presión o con una perilla de expulsión.
- Introduzca el ancla en el agujero y, utilizando una herramienta de ajuste*, golpéelo ligeramente con un martillo hasta que se quede a ras de superficie.
- Introduzca el tornillo a través de la pieza de sujeción y en el ancla y apriételo.

MATERIALS:
Concrete, brick or stone

FEATURES:
This caulking type machine screw anchor features a zinc alloy cone with a lead ring. This results in quick setting.
*Use only CYW, Inc. supplied setting tools, provided with every 100 anchors and also sold separately.
*Con cada 100 anclajes se incluye una herramienta de ajuste. También está disponible de forma separada.

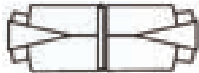
Medium Duty Anchors



Single Expansion Anchors

ANCLAS DE EXPANSIONES SENCILLA

PACKAGE									BULK								
Product Information					Concrete Strength of 4000 psi				Product Information					Concrete Strength of 4000 psi			
DIAMETER	TPI	DRILL	PART	BOX/CTN	WEIGHT/C	EMBED-MENT	TENSION (lbs)	SHEAR (lbs)	DIAMETER	TPI	DRILL	PART	BOX/CTN	WEIGHT/C	EMBED-MENT	TENSION (lbs)	SHEAR (lbs)
DIÁMETRO		SIZE	PARTE	CAJA/CARTÓN	PESO	EMPOTRAMIENTO	TENSIÓN (lbs)	CIZALLA (lbs)	DIÁMETRO		SIZE	PARTE	CAJA/CARTÓN	PESO	EMPOTRAMIENTO	TENSIÓN (lbs)	CIZALLA (lbs)
1/4	20	1/2	07100	100/1000	2.2	1-3/8	400	565									
5/16	18	5/8	07105	50/500	4.7	1-5/8	1,260	1,780									
3/8	16	5/8	07110	50/500	4.4	1-5/8	2,030	3,225	3/8	16	5/8	B1710	500	4.4	1-5/8	2,030	3,225
1/2	13	7/8	07115	25/250	10.7	2-1/2	2,450	4,000									
5/8	11	1	07120	25/250	18.1	2-3/8	3,690	6,845									
3/4	10	1-1/4	07125	15/150	29.5	2-7/8	5,300										



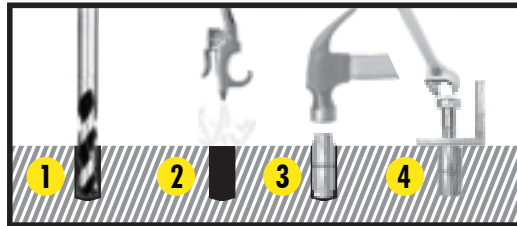
Double Expansion Anchors

ANCLAS DE EXPANSIONES DOBLE

PACKAGE									BULK								
Product Information					Concrete Strength of 4000 psi				Product Information					Concrete Strength of 4000 psi			
DIAMETER	TPI	DRILL	PART	BOX/CTN	WEIGHT/C	EMBED-MENT	TENSION (lbs)	SHEAR (lbs)	DIAMETER	TPI	DRILL	PART	BOX/CTN	WEIGHT/C	EMBED-MENT	TENSION (lbs)	SHEAR (lbs)
DIÁMETRO		SIZE	PARTE	CAJA/CARTÓN	PESO	EMPOTRAMIENTO	TENSIÓN (lbs)	CIZALLA (lbs)	DIÁMETRO		SIZE	PARTE	CAJA/CARTÓN	PESO	EMPOTRAMIENTO	TENSIÓN (lbs)	CIZALLA (lbs)
1/4	20	1/2	07150	100/1000	3.2	1-1/4	900	1,135	1/4	20	1/2	B1750	1800	3.2	1-1/4	900	1,135
5/16	18	5/8	07155	50/500	5.2	1-1/2	1,500	2,020									
3/8	16	3/4	07160	50/500	9.3	1-3/4	2,000	3,000	3/8	16	3/4	B1760	500	9.3	1-3/4	2,000	3,000
1/2	13	7/8	07165	25/250	13.9	2-1/4	3,550	4,310	1/2	13	7/8	B1765	300	13.9	2-1/4	3,550	4,310
5/8	11	1	07170	25/250	20.6	2-1/2	6,150	10,270									
3/4	10	1-1/4	07175	10/100	47.0	3-1/2	8,150	13,330									

Installation Guide

- Using a masonry bit with a diameter which equals the anchor diameter and meets ANSI SPECIFICATION B212. 15-1994, drill a hole slightly deeper than the anchor length.
- Clean hole thoroughly of debris using compressed air or a blow out bulb.
- Insert the expansion anchor into the hole, nut end first, and hammer the anchor down until it is flush with or slightly above the surface plane of the concrete.
- Insert bolt through fixture, and tighten until the anchor is set. The bolt should be the same length as the anchor plus the thickness of the material being fastened.



★ FEATURES:

Expansion anchors are used in soft masonry and in materials of questionable strength with machine screws or machine bolts that are exposed to vibration or side pressure. Made of zinc alloy, expansion anchors are rustproof. The screw or bolt can be removed from the anchor if necessary and replaced while maintaining holding power. Double expansion anchors have two ends that, when expanded, hold in place using the full length of the anchor body.

■ MATERIALS:

Concrete, brick or stone.

- Utilizando una broca de taladro con un diámetro igual que el del ancla y que cumpla con la ESPECIFICACIÓN ANSI B212.15 1994, haga un agujero un poco más profundo que el largo del ancla.
- Retire completamente los restos del agujero con aire a presión o con una perilla de expulsión.
- Introduzca el anclaje de expansión en el agujero, primero el extremo de la tuerca, y con el martillo golpee el ancla hasta que esté a ras, o un poco por encima, de la superficie lisa del cemento.
- Introduzca el perno a través de la pieza de sujeción y apriete hasta que el ancla esté ajustado. El perno debería tener la misma longitud que el ancla más el espesor del material que se va a sujetar.

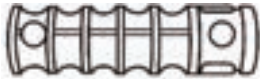
Medium Duty Anchors



Lag Screw Shield Anchors Short

APIJA DE OJILLO

PACKAGE									BULK								
Product Information					Concrete Strength of 4000 psi				Product Information					Concrete Strength of 4000 psi			
DIAMETER	TPI	DRILL	PART	BOX/CTN	WEIGHT/C	EMBEDMENT	ULTIMATE TENSION (lbs)	SHEAR (lbs)	DIAMETER	TPI	DRILL	PART	BOX/CTN	WEIGHT/C	EMBEDMENT	TENSION (lbs)	SHEAR (lbs)
DIÁMETRO		SIZE	PARTE	CAJA/CARTÓN	PESO	EMPOTRAMIENTO	ULTIMO TENSION (lbs)	CIZALLA (lbs)	DIÁMETRO		SIZE	PARTE	CAJA/CARTÓN	PESO	EMPOTRAMIENTO	TENSION (lbs)	CIZALLA (lbs)
1/4	20	1/2	06800	100/1000	1.9	1	280	1,005	1/4	20	1/2	B1800	2000	1.9	1	280	1,005
5/16	18	1/2	06805	100/1000	2.3	1-1/4	515	1,115	5/16	18	1/2	B1805	2000	2.3	1-1/4	515	1,115
3/8	16	5/8	06808	50/500	4.5	1-3/4	855	1,450	3/8	16	5/8	B1808	8000	4.5	1-3/4	855	1450
1/2	13	3/4	06812	25/250	7.00	2	1190	1,600	1/2	13	3/4	B1812	500	6.8	2	1190	1,600
5/8	11	7/8	06815	25/250	10.6	2	1230	2,250	5/8	11	7/8	B1815	500	10.6	2	1230	2250
3/4	10	1	06818	25/125	14.9	2	1540	2,400	3/4	10	1	B1818	250	14.9	2	1540	2400



Lag Screw Shield Anchors Long

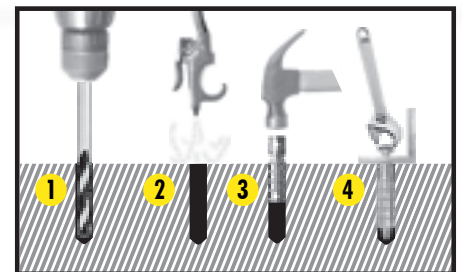
APIJA DE OJILLO

PACKAGE									BULK								
Product Information					Concrete Strength of 4000 psi				Product Information					Concrete Strength of 4000 psi			
DIAMETER	TPI	DRILL	PART	BOX/CTN	WEIGHT/C	EMBEDMENT	ULTIMATE TENSION (lbs)	SHEAR (lbs)	DIAMETER	TPI	DRILL	PART	BOX/CTN	WEIGHT/C	EMBEDMENT	TENSION (lbs)	SHEAR (lbs)
DIÁMETRO		SIZE	PARTE	CAJA/CARTÓN	PESO	EMPOTRAMIENTO	ULTIMO TENSION (lbs)	CIZALLA (lbs)	DIÁMETRO		SIZE	PARTE	CAJA/CARTÓN	PESO	EMPOTRAMIENTO	TENSION (lbs)	CIZALLA (lbs)
1/4	20	1/2	06859	100/1000	2.8	1-1/2	345	1005	1/4	20	1/2	B1850	1500	2.8	1-1/2	345	1005
5/16	18	1/2	06856	100/1000	3.3	1-3/4	550	1115	5/16	18	1/2	B1855	1300	3.3	1-3/4	550	1115
3/8	16	5/8	06858	50/500	6.4	2-1/2	1080	1450	3/8	16	5/8	B1858	600	6.4	2-1/2	1080	1450
1/2	13	3/4	06862	25/250	9.6	3	2110	1600	1/2	13	3/4	B1862	300	9.6	3	2110	1600
5/8	11	7/8	06865	25/250	17.8	3-1/2	2660	2250									
3/4	10	1	06868	25/125	23.8	3-1/2	2800	2400	3/4	10	1	B1868	200	23.8	3-1/2	2800	2400

Installation Guide

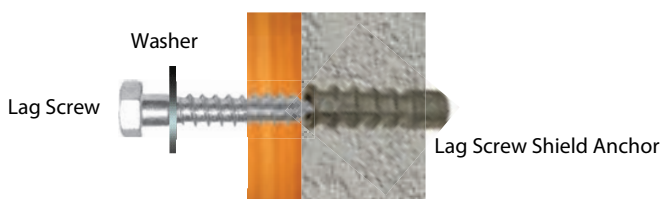
- Using a masonry bit with a diameter which equals the anchor diameter and meets ANSI SPECIFICATION B212.15-1994, drill a hole slightly deeper than the anchor length.
- Clean hole of debris using compressed air or a blow out bulb.
- Insert the lag shield into the hold and hammer the anchor down until it is flush with the top of the surface.
- Insert the lag screw through the fixture to be fastened and tighten until the shield is set.

- Utilizando una broca de taladro con un diámetro igual que el del ancla y que cumpla con la ESPECIFICACIÓN ANSI B212.15-1994, haga un agujero un poco más profundo que el largo del ancla.
- Retire completamente los restos del agujero con aire a presión o con una perilla de expulsión.
- Introduzca el ancla en el agujero y con el martillo, golpee el ancla hasta que esté a ras de la superficie.
- Introduzca un tornillo a través de la pieza de sujeción para que permanezca sujeta y apretada hasta que se ajuste el ancla.

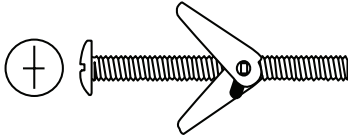


MATERIALS:
Concrete, masonry, mortar joint, and brick.

FEATURES:
Lag shields are used for light to medium duty applications. These anchors are made with rustproof zinc alloy and designed for use with a lag screw. The screw length should equal the sum of the thickness of the item to be fastened, the length of the anchor, and another 1/4" in order for the tip to protrude from the bottom of the shield after expansion. A shorter lag shield is recommended in harder concrete to minimize drilling time. For softer masonry, long shields offer optimum holding power.



- Concrete
- Masonry
- Motar joint
- Brick



Combo Drive Mushroom Head Toggle Bolt w/ Wing Zinc Plated

APERNO DE MARIPOSA

Product Information						Hold Weight			Product Information						Hold Weight			
DIAMETER	LENGTH	NORMAL	PART	BOX/CTN	WEIGHT/M	WALL THICKNESS	1/2" DRYWALL	ULTI-MATE	DIAMETER	LENGTH	NORMAL	PART	BOX/CTN	WEIGHT/M	WALL THICKNESS	1/2" DRYWALL	ULTI-MATE	
DIÁMETRO	LONGITUD	DRILL DIA.	PARTE	CAJA/CARTÓN	PESO	RANGE		TEST (lbs)	DIÁMETRO	LONGITUD	DRILL DIA.	PARTE	CAJA/CARTÓN	PESO	RANGE		TEST (lbs)	
1/8	2	3/8	07652	100/1000	13.0	3/8 - 1-1/4	50 lbs.	195	1/4	3	5/8	07673	50/500	57.7	3/8 - 2-1/4	90 lbs.	350	
	3	3/8	07653	100/1000	15.9	3/8 - 2-1/4	50 lbs.	195		4	5/8	07674	50/500	68.6	3/8 - 3-1/4	90 lbs.	350	
	4	3/8	07654	100/1000	18.5	3/8 - 3-1/4	50 lbs.	195		5	5/8	07675	50/500	77.4	3/8 - 4-1/4	90 lbs.	350	
3/16	2	1/2	07662	100/1000	28.4	3/8 - 1-1/4	70 lbs.	250		6	5/8	07676	50/500	88.4	3/8 - 5-1/4	90 lbs.	350	
	3	1/2	07663	100/1000	34.4	3/8 - 2-1/4	70 lbs.	250		5/16	3	7/8	07678	25/250	102.5	3/8 - 2-1/4	90 lbs.	430
	4	1/2	07664	100/1000	41.2	3/8 - 3-1/4	70 lbs.	250			4	7/8	07679	25/250	117.8	3/8 - 3-1/4	90 lbs.	430
	5	1/2	07665	100/1000	44.8	3/8 - 4-1/4	70 lbs.	250	5		7/8	07680	25/250	130.1	3/8 - 4-1/4	90 lbs.	430	
	6	1/2	07666	50/500	51.2	3/8 - 5-1/4	70 lbs.	250	3/8	3	7/8	07683	25/250	136.2	3/8 - 2-1/4	90 lbs.	710	
										4	7/8	07684	25/250	160.1	3/8 - 3-1/4	90 lbs.	710	
										6	7/8	07686	15/150	209.7	3/8 - 5-1/4	90 lbs.	710	

Installation Guide

1. Drill hole completely through wall.
2. Place item to be attached between bolt head and wings. Fold toggle wings all the way back and insert bolt through hole until wings spread into place.
3. Pull wings against inside wall, and tighten with a screwdriver until secure.

1. Haga un agujero en la pared.
2. Coloque el artículo que va a colgar entre el cabezal del perno y las aletas. Doble las aletas. Completamente hacia atrás e introduzca el perno en el agujero hasta que las aletas se extiendan en su sitio.
3. Tire de éstas contra el interior de la pared y apriételas con un destornillador hasta que estén fijas.

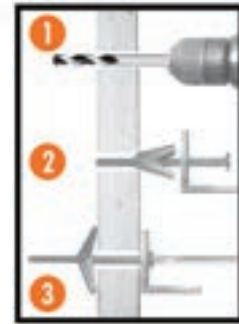


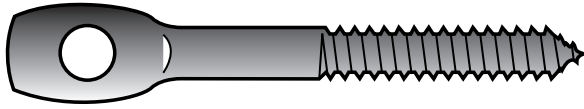
FEATURES:

Designed for one-time installation of a variety of fixtures to walls.

*Only packaged toggle bolts come with wings.

*Todos los pernos acodados embalados vienen con las aletas.





Acoustical Eye Lags Plain Finish

DEMORA ACUSTICA DE OJO

As per ASTM 1761-06

Product Information				
DIAMETER	LENGTH	PART	BOX/CTN	WEIGHT/C
DIÁMETRO	LONGITUD	PARTE	CAJA/CARTÓN	PESO
1/4	3	10350	1,000	2.3
1/4	4	10360	1,000	3.2
1/4	5	10365	1,000	4.1

Installation Guide

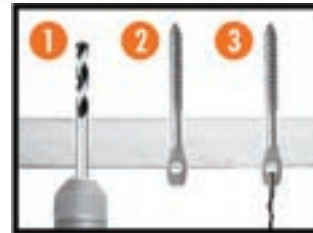
1. Drill hole slightly smaller than the eye lag width.
2. Fully insert eye lag into hole.
3. String wire through eye and secure in order to hang objects.

1. Haga un agujero ligeramente más pequeño que el ancho del ancla.
2. Introduzca completamente el ancla en el agujero.
3. Acordone el cable a través del ojo y asegúrelo para que pueda sujetar objetos.



FEATURES:

Commonly used with tie wire for overhead applications such as acoustical ceilings.



Conical Plastic Anchors

ANCLA CONICA DE PLASTICA

***Special Order Only**



FEATURES:

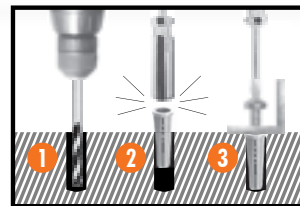
An economical anchor that is used with sheet metal, wood, or lag screws for lightweight static purposes. Load capacities depend on the integrity of the material being fastened into.

PACKAGE						BULK					
Product Information					Hold Weight	Product Information					Hold Weight
DIAMETER	LENGTH	PART	PCS/BOX	WEIGHT/M	1/2" DRYWALL	DIAMETER	LENGTH	PART	PCS/BOX	WEIGHT/M	1/2" DRYWALL
DIÁMETRO	LONGITUD	PARTE	CAJALIEZAS /CAJA	PESO		DIÁMETRO	LONGITUD	PARTE	CAJALIEZAS /CAJA	PESO	
# 8-10	7/8	04286	100	0.1	5 lbs	# 8-10	7/8	PCA887	1,000	0.1	5 lbs
# 10-12	1	04287	100	0.2	10 lbs	# 10-12	1	PCA10100	1,000	0.2	10 lbs
# 14-16	1-1/2	04288	50	0.3	10 lbs	# 14-16	1-1/2	PCA14150	1,000	0.3	10 lbs

Installation Guide

1. Use a masonry bit with the same diameter as the anchor, drill hole slightly deeper than the anchor length.
2. Hammer the anchor until it is flush with the surface.
3. Insert screw through fixture into the anchor and tighten.

1. Utilizando una broca de taladro con un diámetro igual que el del ancla, haga un agujero un poco más profundo que el largo del ancla.
2. Golpee el ancla con un martillo hasta que este al ras de la superficie.
3. Introduzca el tornillo a través de la pieza de sujeción dentro del ancla y apriételo.



MATERIALS:

Concrete, drywall, tile and brick.

Structural Tension Control Bolts Dome Head | F3125

TC BOLTS



Tension Control Bolts Dome Head Plain Finish W/ F436 Washer and A563 DH Nut

PERNO DE TENSIÓN CONTROLADA CABEZA DE DOMO SIMPLE TERMINADO CON F436 ARANDELA Y A563 DH TUERCA

	PLASTIC		
	A325TC		
	F1852		
SIZE	PART	PLASTIC KEG QTY	WEIGHT/M
TAMAÑO	PARTE		PESO
5/8" 1-1/2"	277371	250	401
1-3/4"	277372	250	423
2"	277373	250	445
2-1/4"	277374	250	467
2-1/2"	277375	200	489
2-3/4"	277376	200	511
3"	277377	180	534
3/4" 1-3/4"	277417	200	659
2"	277418	200	690
2-1/4"	277419	180	723
2-1/2"	277420	150	754
2-3/4"	277421	150	785
3"	277422	150	816
3-1/4"	277423	150	849
3-1/2"	277424	120	880
3-3/4"	277425	100	911
4"	277426	100	941
4-1/2"	277428	100	1003
4-3/4"	277429	95	1052
5"	277430	90	1065
5-1/2"	277432	85	1127
6"	277434	80	1188
7/8" 2"	277462	120	1021
2-1/4"	277463	120	1063
2-1/2"	277464	120	1105
2-3/4"	277465	100	1149
3"	277466	100	1190
3-1/4"	277467	100	1232
3-1/2"	277468	100	1276
3-3/4"	277469	80	1318
4"	277470	80	1360
4-1/4"	277471	70	1404
4-1/2"	277472	70	1446
4-3/4"	277473	65	1488
5"	277474	65	1532
5-1/2"	277476	60	1618
6"	277478	55	1704

	METAL				
	A325TC				
	F2280				
SIZE	PART	PART	METAL KEG QTY	WEIGHT/M	
TAMAÑO	PARTE	PARTE	PESO	PESO	
5/8" 1-1/2"	277371MK	-	330	401	
1-3/4"	277372MK	-	330	423	
2"	277374MK	-	300	467	
2-1/2"	277375MK	-	300	489	
2-3/4"	277376MK	-	280	511	
3"	277377MK	-	300	534	
3/4" 1-3/4"	277417MK	277686MK	300	659	
2"	277418MK	277687MK	280	690	
2-1/4"	277419MK	277688MK	270	723	
2-1/2"	277420MK	277689MK	250	754	
2-3/4"	277421MK	277690MK	250	785	
3"	277422MK	277691MK	240	816	
3-1/4"	277423MK	277692MK	230	849	
3-1/2"	277424MK	277693MK	220	880	
3-3/4"	277425MK	277694MK	190	911	
4"	277426MK	277695MK	190	941	
4-1/4"	277427MK	277696MK	210	946	
4-1/2"	277428MK	277697MK	210	1003	
4-3/4"	277429MK	277698MK	210	1052	
5"	277430MK	277699MK	140	1065	
5-1/2"	277432MK	277701MK	140	1127	
6"	277434MK	277703MK	140	1188	
7/8" 2"	277462MK	277731MK	200	1021	
2-1/4"	277463MK	277732MK	200	1063	
2-1/2"	277464MK	277733MK	180	1105	
2-3/4"	277465MK	277734MK	180	1149	
3"	277466MK	277735MK	170	1190	
3-1/4"	277467MK	277736MK	160	1232	
3-1/2"	277468MK	277737MK	150	1276	
3-3/4"	277469MK	277738MK	140	1318	
4"	277470MK	277739MK	140	1360	
4-1/4"	277471MK	277740MK	130	1404	
4-1/2"	277472MK	277741MK	130	1446	
4-3/4"	277473MK	277742MK	130	1488	
5"	277474MK	277743MK	120	1532	
5-1/2"	277476MK	277745MK	120	1618	
6"	277478MK	277747MK	120	1704	

Structural Tension Control Bolts Dome Head | F3125

TC BOLTS



Tension Control Bolts Dome Head Plain Finish W/ F436 Washer and A563 DH Nut

PERNO DE TENSION CONTROLADA CABEZA DE DOMO SIMPLE TERMINADO CON F436 ARANDELA Y A563 DH TUERCA

		PLASTIC	
		A325TC	
		F1852	
SIZE	PART	PLASTIC KEG QTY	WEIGHT/M
TAMAÑO	PARTE		PESO
2"	277506	90	1396
2-1/4"	277507	90	1448
2-1/2"	277508	90	1504
2-3/4"	277509	70	1561
3"	277510	70	1616
3-1/4"	277511	70	1671
3-1/2"	277512	70	1728
3-3/4"	277513	60	1784
4"	277514	60	1839
4-1/4"	277515	60	1894
4-1/2"	277516	55	1951
4-3/4"	277517	55	2004
5"	277518	50	2061
5-1/4"	277519	50	2159
5-1/2"	277520	50	2176
6"	277522	40	2291
2-1/2"	277550	60	2105
2-3/4"	277551	60	2165
3"	277552	50	2222
3-1/4"	277553	50	2280
3-1/2"	277554	50	2339
3-3/4"	277555	50	2396
4"	277556	40	2456
4-1/4"	277557	40	2513
4-1/2"	277558	35	2571
4-3/4"	277559	35	2630
5"	277560	35	2687
5-1/2"	277562	35	2804
6"	277564	30	2921

1"

1-1/8"

		METAL			
		A325TC MK		A490TC	
		F1852		F2280	
SIZE	PART	PART	METAL KEG QTY	WEIGHT/M	
TAMAÑO	PARTE	PARTE		PESO	
2"	277506MK	277775MK	140	1396	
2-1/4"	277507MK	277776MK	140	1448	
2-1/2"	277508MK	277777MK	130	1504	
2-3/4"	277509MK	277778MK	130	1561	
3"	277510MK	277779MK	120	1616	
3-1/4"	277511MK	277780MK	120	1671	
3-1/2"	277512MK	277781MK	120	1728	
3-3/4"	277513MK	277782MK	110	1784	
4"	277514MK	277783MK	110	1839	
4-1/4"	277515MK	277784MK	110	1894	
4-1/2"	277516MK	277785MK	100	1951	
4-3/4"	277517MK	277786MK	100	2004	
5"	277518MK	277787MK	90	2061	
5-1/2"	277520MK	277789MK	90	2176	
6"	277522MK	277791MK	70	2291	
6-1/2"	-	277793MK	70	2399	
2-1/2"	277550MK	277819MK	110	2105	
2-3/4"	277551MK	277820MK	110	2165	
3"	277552MK	277821MK	90	2222	
3-1/4"	277553MK	277822MK	90	2280	
3-1/2"	277554MK	277823MK	90	2339	
3-3/4"	277555MK	277824MK	90	2396	
4"	-	277825MK	70	2456	
4-1/4"	277557MK	277826MK	70	2513	
4-1/2"	277558MK	277827MK	60	2571	
4-3/4"	277559MK	277828MK	60	2630	
5"	277560MK	277829MK	60	2687	
5-1/2"	277562MK	277831MK	60	2804	
6"	277564MK	277833MK	50	2921	
6-1/2"	-	277835MK	50	3126	
7"	-	277837MK	40	3206	
7-1/2"	-	277839MK	40	3417	
8"	-	277841MK	30	3563	

1"

1-1/8"

Tension Control Bolt Installation

HANDLING

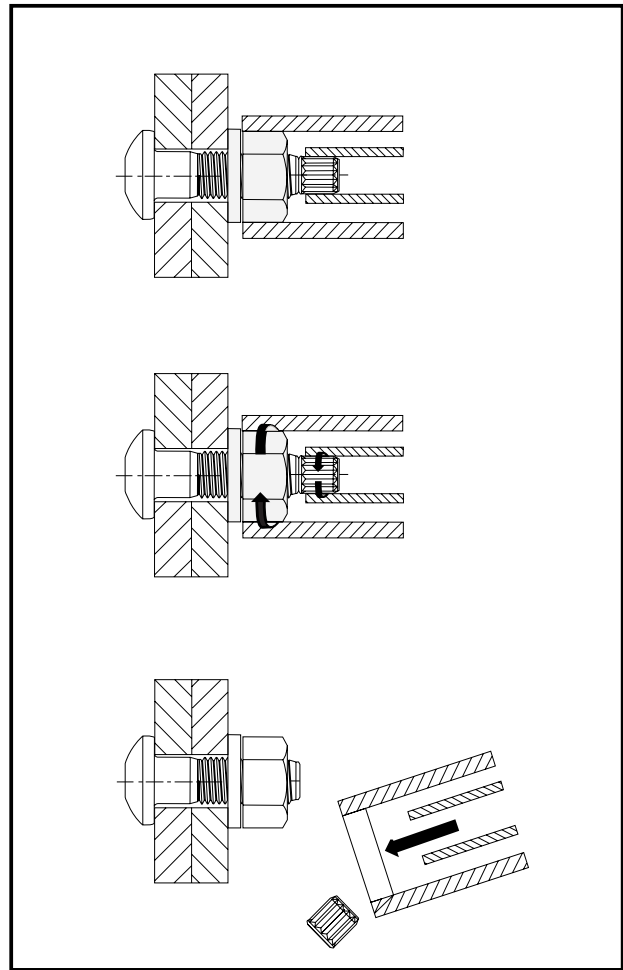
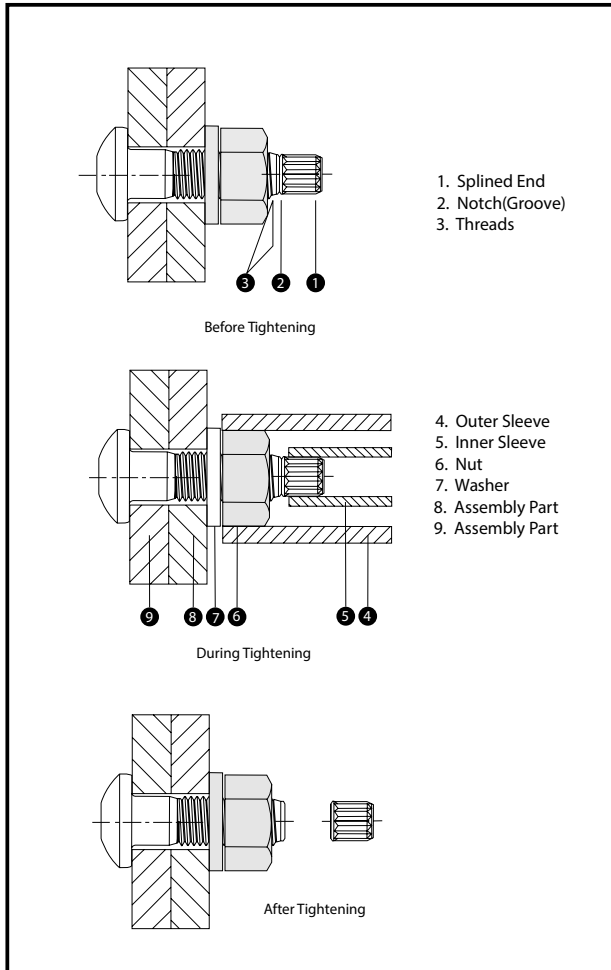
- The lot number on the assemble uniquely identifies the assemble, as well as the bolt, nut, and washer of the assembly.
- The factory certifies specific combinations of bolts, nuts, and washers to meet specifications, represented by the assembly lot. Mixing or changing any part of the assembly is not permitted.
- Fastener components should be protected from dirt and moisture in closed containers.
- Damaged or dirty tension control bolts should not be used, as they have changed from the as-manufactured state. Contact your distributor for replacement bolts.

FEATURES

- Pre-assembled bolts, nuts, and washers simplifies buying, inventorying, and pre-installation testing.
- Visual inspection of sheared spline confirms proper installation.
- Dependable, repeatable results. Consistent tension is not dependent on tools or operator skill.
- Lightweight electric installation tool. Less operator fatigue.
- One operator installation reduces installation time and manpower costs.

INSTALLATION

1. Nut and washer identification markings should face away from the connection. All fasteners in the connection should be snug tight.
2. Fit inner over the grooved spline and push the wrench slightly, then engage the outer socket over the nut.
3. Start the wrench. The inner socket will hold the bolt in place, while the outer socket tightens the nut. The spline will shear off when proper tension is reached.
4. When the installation is complete, remove the socket from the nut and depress the ejection lever to discharge the sheared spline from the inner socket of the wrench. The installation is now complete, and may be verified visually.





Call for:

- » Type 1 with DACROMET® corrosion-resistant coatings
- » Type 3 weathering steel
- » Tension control hex head bolts

Requerir por:

- » Tipo 1 with DACROMET® corrosión-resistente coatings
- » Tipo 3 acero cor-ten
- » Perno tencion controlada cabeza hexagonal

MADE TO ORDER

- » Large quantity available.
- » Can be shipped directly to your door.
- » Please call us for details.

DISPONIBLE EN GRAN CANTIDAD

Pueden ser enviadas directamente a sus obras ó a su bodega, con tan solo tiempo de planificacion. Llamenos para mas detalles.



Structural Weld Studs

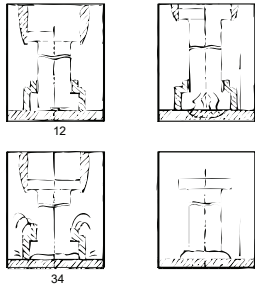
Structural BOLTSM

Weld Studs Plain Finish

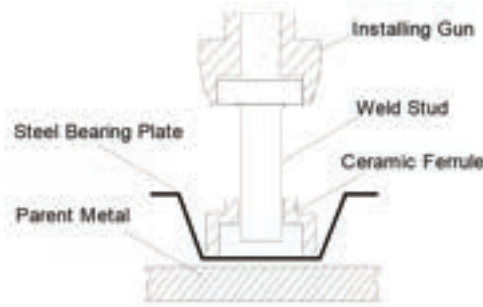
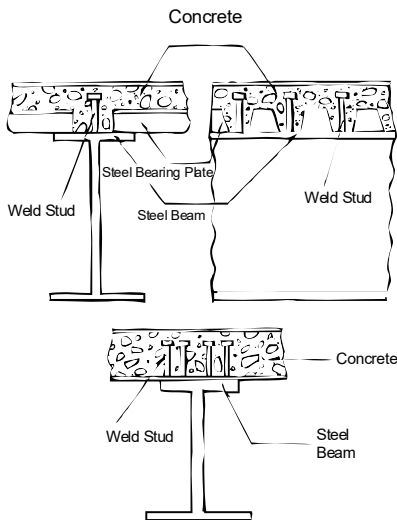
PERNO SOLDABLE



INSTALLATION



1. Load installing gun with weld stud and put the gun tip into ceramic protection hood (ferrule).
2. Pull the trigger to elevate the bolt while electric current is applied simultaneously.
3. The compression spring inside the gun will press the weld stud downward to the molten steel.
4. After the molten steel has cooled, take out the gun tip, remove the ceramic protection hood, and inspect for proper weld.



The welding condition is based on the TRW Series 300-100 Main Controlling Machine with a Lincoln DD-1500 power supply. Actual welding conditions should be adjusted according to working environment. Always refer to the equipment manufacturers' instructions for model specific welding condition information.

All Lion™ Weld Studs are lot traceable and ship with inspection certificates, assuring quality in every carton. Chun Yu's Quality Control labs test every lot AWS D1. 1-2008 standards on the following criteria:
Tension · Bend · Weld Through Deck

		MATERIAL		
		ASTM A29 / A108		
		AISI 1010 /1020		
	SIZE	PART	PIEZAS	WEIGHT/M
	TAMAÑO	PARTE	PIEZAS	PESO
1/2"	3-1/8	12642	240	216.4
	4-1/8	12648	190	269.0
	5-1/8	12654	140	326.3
	5-5/16	12656	110	339.5
	6-1/8	12659	110	379.2
	8-1/8	12662	90	498.4
5/8"	3-3/16	12673	150	354.7
	3-11/16	12676	130	405.7
	5/8 x 4-3/16	12678	120	427.7
	5/8 x 4-11/16	12681	110	474.0
	5/8 x 5-3/16	12683	100	518.1
	5/8 x 6-3/16	12687	80	604.1
	5/8 x 6-9/16	12688	65	648.15
	5/8 x 8-3/16	12690	60	776.0
3/4"	3/4 x 3-3/16	12693	115	467.4
	3/4 x 3-3/8	12694	105	489.4
	3/4 x 3-7/8	12696	95	560.0
	3/4 x 4-3/16	12697	90	589.4
	3/4 x 4-3/8	12698	85	608.5
	3/4 x 4-7/8	12701	75	679.0
	3/4 x 5-3/16	12702	70	712.1
	3/4 x 5-3/8	12703	70	738.5
	3/4 x 5-7/8	12704	65	800.3
	3/4 x 6-3/16	12706	60	833.3
	3/4 x 7-3/16	12708	50	956.8
	3/4 x 8-3/16	12709	50	1075.8
7/8"	7/8 x 3-3/16	12716	80	617.3
	7/8 x 3-11/16	12719	70	714.3
	7/8 x 4-3/16	12721	65	778.2
	7/8 x 5-3/16	12726	55	952.4
	7/8 x 6-3/16	12730	45	1115.2
	7/8 x 7-3/16	12732	40	1298.5
	7/8 x 8-3/16	12733	35	1446.2

QUALITY

● American Welding Society D1.1-2008 Type B

Mechanical Properties for LION™ Weld Studs

Tensile Strength (psi min.)		Yield Strength (psi min.)	
65,000		51,000	
Elongation Percentage	Reduction of Area	Material	
Min. 15-20%M	Min. 50%	Per ASTM -A 29 Grades: 1010 to 1020	

Weld Studs Ceramic Ferrules

PERNO SOLDABLE

STANDARD			
SIZE	PART	PIECES	WEIGHT/M
TAMAÑO	PARTE	PIEZAS	PESO
1/2"	12617	2,500	8.2
5/8"	12618	800	21.4
3/4"	12619	700	21.4
7/8"	12620	400	30.0

THROUGH			
SIZE	PART	PIECES	WEIGHT/M
TAMAÑO	PARTE	PIEZAS	PESO
1/2"			
5/8"	12621	700	25.1
3/4"	12622	600	30.1
7/8"	12623	400	42.1



SAFETY

1. Adjust to proper welding current and time before welding.
2. Studs and base metal should be clean, free of scale, rust, moisture, paint, and oil.
3. Do not paint, galvanize, or cadmium-plate stud base.
4. Keep protection hood dry before use.
5. Do not weld in rainy or high moisture conditions.

MADE TO ORDER

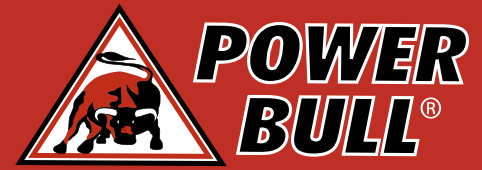
- » Large quantity available.
- » Can be shipped directly to your door.
- » Please call us for details.

DISPONIBLE EN GRAN CANTIDAD

Pueden ser enviadas directamente a sus obras ó a su bodega, con tan solo tiempo de planificacion. Llamenos para mas detalles.



Structural Foundation Bolts (Anchor Bolts)



Anchor Bolts with 2 Nuts & 2 Washers (Foundation Bolts) Hot Dip Galvanized Finish

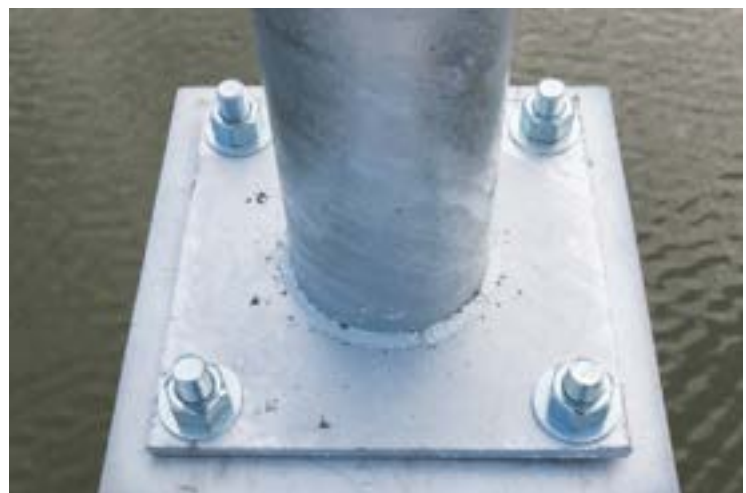
PERNOS DE ANCLA CON FINAL DEL LLANO DE LA TUERCA (PERNO DE FOUNDACION)

Foundation Bolts are embedded in concrete and used to support structural steel columns, light poles, highway sign structures, bridge rail, equipment, and many other applications.

 **MATERIALS:**
Wet concrete.

				MATERIAL F1554-36		
				HDG		
DIAMETER	LENGTH	HOOK	THREAD/LENGTH	PART	PIECES	WEIGHT/100
DIÁMETRO	LONGITUD			PARTE	PIEZAS	PESO
3/8-16	10	2	2.5	U08530	EA	35
1/2-13	16	2	4	U07513	EA	73
3/4-10	16	4	6	U08513	EA	243
3/4-10	18	4	7	U08514	EA	254
3/4-10	24	4	7	U08515	EA	322
3/4-10	30	4	6	U02992	EA	386
3/4-10	36	4	6	U08519	EA	441
1-8	36	4	7	U08516	EA	816

				MATERIAL F1554-55		
				HDG		
DIAMETER	LENGTH	HOOK	THREAD/LENGTH	PART	PIECES	WEIGHT/100
DIÁMETRO	LONGITUD			PARTE	PIEZAS	PESO
1-1/4-7	42	6	8	U09517	EA	1543



***Special Mill Order Only**



Structural Bolts Hex Head Plain

Available in metal kegs
for cold weather resistance.

Disponibles en barriles de metal
resistente para clima frio.



Heavy Hex Nuts (Plain or Hot Dip Galvanized Finish)

TUERCA HEXAGONAL (TYPO PESADO) ACABADO NATURAL Y GALVANIZADO

- » Available A563 (Grade C & Grade DH)
A194 (Grade 2H)



Flat Washers Plain, Zinc, and Hot Dip Galvanized Finish

RONDANA PLANA-ACABADO NATURAL ZINCADO Y GALVANIZADO

- » Available F436 (Plain & HDG)



Chun Yu Structural Bolts are deployed on the "Kaoping Cable-Stayed bridge".

MADE TO ORDER

- » Large quantity.
- » Can be shipped directly to your door.
- » Please call us for details.

DISPONIBLE EN GRAN CANTIDAD

Pueden ser enviadas directamente a sus proyectos, con tan sólo en la logística de tiempo de planificación por favor, llámenos para más detalles.

Inquire about plated items.
Consultar artículos sobre plateado.

Letter from the President

With the ever-changing economy there remains one constant - CYW, Inc.'s focus on satisfying our customers. Founded in 1989, CYW has established itself as the leader of the construction fastener industry. It is our commitment to you, our valued customers, to provide the best service possible and consistently offer quality products, all while contributing to your bottom line. High quality and competitive pricing remain the cornerstone of our reputation.

With three locations across the continental United States (Los Angeles, Dallas, and Charlotte), we offer reliable lead times and fill in rates. CYW continuously strives to uphold our reputation for excellence through exceptional support and professional integrity.

When you see the "L" mark on a fastener head, this is the CYW symbol. Most of our products are manufactured by our parent company, Chun Yu Works Inc. Ltd., according to industry quality assurance standards outlined in FQA & ISO 9002, and most of our products are ICC listed. To ensure high quality is always met, we have an in-house quality control laboratory to maintain our exacting standards. We are dedicated to providing you the performance, flexibility, and value you deserve and that will exceed your expectations.

Thank you for your interest in CYW products.

Sincerely yours,



Huei Jeng Lin
C.E.O., CYW, Inc.

Terms and Conditions

FREIGHT

All transportation charges are prepaid from the warehouse of CYW, Inc.'s choice to one destination in the continental United States on orders meeting predetermined freight rates, with the carrier and routing of CYW, Inc.'s choice. CYW, Inc. reserves the right to alter this policy prior to order confirmation. Deviations from this policy must be agreed to by CYW, Inc. and the Customer at the time an order is entered and prior to order confirmation.

MINIMUM ORDER

Minimum order is \$50, based on CYW, Inc. current prices.

RETURNS

Materials returned for credit or exchange will be accepted only under the following conditions:

1. Materials must be current, cataloged, and must have been purchased within the thirty days immediately preceding the return of such materials. Specials and discontinued products, defined at the sole discretion of CYW, Inc., cannot be returned.
2. Prior to returning any product to CYW, Inc., approval and a Return Goods Authorization (RGA) number must be obtained. Freight carrier and routing must also be approved by CYW, Inc.
3. Materials received by CYW, Inc. without prior approval and authorization number will be returned, freight collect, to the Customer. The RGA number must be printed on all outer cartons.
4. All transportation charges must be paid by Customer. If CYW, Inc. determined the product to be defective, Customer's account will be credited, including the appropriate freight charges.
5. Returning materials for credit or exchange are subject to a minimum restocking charge of 15% plus any freight expenses originally incurred by CYW, Inc. in the deliver of said and will be calculated at the sole discretion of CYW, Inc. All returns must be in saleable condition.

ADDITIONS AND CANCELLATIONS

Additions to orders already processed can only be made prior to those orders being shipped. If an order has shipped, the addition will be treated as a new and separate order, and all standard rules and conditions regarding minimums, freight, etc. will apply. Customer cancellations of unshipped or partially shipped orders may result in adjustments to pricing, discounts or freight allowances and may result in charge backs to the Customer. Special orders cannot be cancelled.

CUSTOMER CREDITS

All invoicing disputes that require a customer credit must be resolved within 60 days of receipt of invoice. CYW, Inc. must be notified of all discrepancies in shipping within 72 hours.

PAYMENT TERMS

CYW, Inc.'s standard terms of sale are Net 30 days from date of invoice, payable in U.S. funds. Discounts are not applicable to freight amounts. All costs resulting from the collection of any monies due from the Customer, including finance charges, court costs and reasonable attorney's fees, will be the responsibility of the Customer.

DELAY

CYW, Inc. shall not be liable for any failure or delay in delivery caused by any reason beyond the control of CYW, Inc. Definition of control is at the sole discretion of CYW, Inc. In the event of delay deemed by CYW, Inc. to be under its control, liability is limited to a maximum of \$150 or the cost of shipping the delayed materials expediently, whichever is less.

BACK ORDERS

Back orders in excess of 120 days will be automatically cancelled. Back ordered items will be billed at prices ruling at the time of the original order, providing there has been no substantial increase in cost to CYW, Inc. If CYW, Inc. is unable to ship a back ordered item at the original price, the Customer may cancel the back order or accept the new price without changing the shipping terms or discounts on the original order.

WARRANTY AND LIMITATION OF LIABILITY

CYW, Inc. will repair or replace any product which it considers to be defective in material or workmanship, excepting normal wear and tear, within 60 days from the date of purchase from CYW, Inc. CYW, Inc. shall not be liable for any injury, loss or damage, (direct, indirect, incidental or consequential) arising out of use of, misuse of, negligence, accident or inability to use any CYW, Inc. product. The test data and application information printed in this product guide is intended to be used as a reference only. Due to variations of base material, installation procedures, environmental conditions and other factors, the user is responsible for verifying the accuracy of the data listed. CYW, Inc. will not be liable for any claim based on the use of data or other information printed in this product guide. Please see page 13 for more information.

ACCEPTANCE OF TERMS AND CONDITIONS

Purchase of any product sold through CYW, Inc. implies complete and unconditional acceptance by purchaser of terms and conditions of sale as stated herein. The venue shall be in Los Angeles County, California for any actions taken under the terms of sale.

MISCELLANEOUS

Box quantities and prices for any and all CYW, Inc. products are subject to change without notice. CYW, Inc. is not responsible for typos, errors or omissions.

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Dave R

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Jon Flobrant | @jonflobrant

Ramiro Checchi | @ramirochecchi

Kyle Fritz | @kylefritz_

All items are available for mill order. Please call for details. We manufacture products that are used in various industries: automotive, railway systems, construction, electronic, machinery, aerospace, and green energy. Products can be shipped directly to your door.

With our parent corporation, Chun Yu Works & Co, Ltd., we can do more to support your needs. Many of our products are one-of-a-kind and are developed specially for our customers. Below are some examples of the specialty products that we have developed along with our special certifications.

Taipei 101 building, Taiwan



Chun Yu Anchors are holding the high speed train tracks in place while speeds can reach over 200 miles per hour.



We are part of CHUN YU WORKS & CO., LTD.

Leading Fastener Manufacturer Since 1949

Certificates



History of Chun Yu Works

Chun Yu Works was established in Kangshan, Taiwan in 1949 with humble beginnings of only 3-4 machines and 10 employees. Since then, we have spread to China, Indonesia, and the United States. We have more than 2,000 employees and have grown to over \$300,000,000 in revenue. We are very proud of the superior quality of our fasteners and export them to more than 60 countries around the world.

Chun Yu Worldwide

- Chun Yu (USA)
- Chun Yu Indonesia
- Chun Yu Taiwan
- Chun Yu China





» **Corporate**

1037 Walnut Ave.
Pomona, CA 91766

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» **Dallas**

6400C Wuliger Way
North Richland Hills, TX 76180

Tel: (888) 396-3345
Fax: (469) 733-1347

Capabilities

More than just a distributor, CYW, Inc. is capable of supporting all of our customer's fastener requirements, however large or small. The CYW, Inc. team boasts more than 40 years of experience in all aspects of the fastener industry and has an unprecedented track record of success. From concept to completion, let CYW, Inc.'s proven expertise assist in building the fastener program that best suits your needs and growth projections.

Value Added Service Options

CYW, Inc. offers a full spectrum of support options:

- » Direct Mill Shipments
- » J.I.T. Delivery Programs
- » Private Labeling Marketing/Sales
- » Promotions and Project Support
- » Custom Designed Parts

Disclaimer Information

All weights and piece counts included in this catalog are approximate. Weights are shown per 100 pieces on anchors. Actual installation torque depends on jobsite conditions (i.e. condition of the thread, presence of grease or oil, etc.) and should be determined by jobsite tests to determine accurate installation torques.

Values shown within this catalog are average ultimate values and are offered only as a guide and are therefore not guaranteed. A safety

factor of 4:1 or 25% is generally accepted as a safe working load. Reference should be made to applicable codes for specific working ratio. Critical conditions such as vibratory, shock loads, overread installations, etc. may require a safety factor of as much as 10:1 or more.

The strength of the masonry materials being used is also a determining factor in whether a load can be sustained. The length, width and thickness of the base material should also be considered. The

depth of the anchor embedment should not exceed 80% of the base material thickness.

Anchors installed into stone and dense concrete can withstand for greater pullout loads than then same anchor installed in lightweight concrete, block, or brick. Medium-heavy to heavy loads cannot be safely installed in soft materials such as stucco, grout, plaster, or plasterboard. Materials should be fully cured prior to installation.

NOTES:



Drive Straight Yellow

- » Drywall Screws (Coarse Thread)
- » Dacro Screws (Coarse Thread)



Drive Straight Orange

- » Drywall Screws (Fine Thread)



Drive Straight Green

- » Particle Board Screws
- » Specialty Deck Screws
- » Cement Board Screws



Drive Straight Silver

- » Specialty Sharp Point Screws
- » Modified Truss



Drive Straight Red

» Self-Drilling Screws



Drive Straight Blue

» Sharp Point Sheet Metal



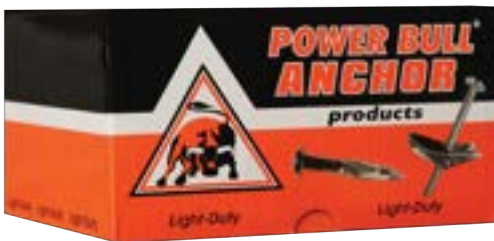
Power Bull Red

- » Wedge
- » Stake Pin
- » Drop-In
- » Stainless Steel Anchors



Power Bull Yellow

- » Sleeve
- » Lead Wood Screw
- » Lead Machine Screw
- » Single & Double Expansion
- » Hammar Drive, Acorn Nut Sleeve
- » Lag Shields



Power Bull Orange

- » Hollow Wall
- » Combo-Head Toggle, Acoustical Toggle
- » Twist Anchors
- » Draw Bolts
- » Plastic Conical
- » Acoustical Eye lags
- » Lag Shields

POWER-CON™



Power-Con

» Specialty Concrete Screw Anchors



Weld Studs

» Weld Studs







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