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PRODUCTS
E TRADE

CORE SOLDIER
RABBIT METAL
POUND

COMPANY
STREET
OHIO

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NATIONAL LEAD COMPANY



cinch

ANCHORING

SYSTEM

NATIONAL LEAD COMPANY

CINCH EXPANSION BOLT DEPARTMENT

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SOE

For:
John King Dodge Cash Award



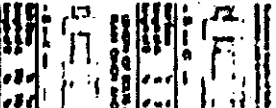
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APPLICATION OF PLASMA TREATING TREATS

RESEARCH



cinch
Anderson Specialties

Five Types

- Type 1 - Plain Ring Wedge Crank Axles
 Type 2 - Standard Ring Wedge Crank Axles
 Type 14 - Plain Standard Crank Axles
 Type 24 - Standard Standard Crank Axles
 Type 26 - Crank Drive Shafts



THE

**Ring Wedge Cinch Anthers
give you these advantages**

1. ONE END—stem, ring and lead alloy are integral.
2. ADDED STRENGTH in suspension holes.
3. DURA FACTOR OF SAFETY is excessive hole.
4. ECONOMY of INSTALLATION because labor cost.

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inch Anchoring Specialties

Types

- Type 1 - Plain Ring Wedge Clinch Anchor
- Type 2 - Threaded Ring Wedge Clinch Anchor
- Type 1A - Plain Standard Clinch Anchor
- Type 2A - Threaded Standard Clinch Anchor
- Type 2B - Clinch Drive Sleeve

Complete
Clinical
Course



Anchor drive into the
wall of the hole in the
desired amount of
depth of hole.

Ring Wedge Clinch Anchors give you these advantages

1. ONE UNIT - cone, ring and lead alloy are integral.
2. ADDED STRENGTH in regulation holes.
3. EXTRA FACTOR OF SAFETY in oversize holes.
4. ECONOMY of INSTALLATION because labor cost.

2. COMPARED TO THE OTHER ANCHORING SYSTEMS IS ECONOMICALLY SUPERIOR

anchored action of the wedge.
The hole quickly and permanently
seals and no work loss. The
ring wedge gets a complete

anchored grip, filling even the different irregularities
in the wall of the hole.
In the full measure, the push against the sides of
the hole increases until the permanent anchoring
of the wedge action of the cone.

STRONGER THAN THE OTHER ANCHORING SYSTEMS
IN ANY POSITION - Clinch
anchors are made in any position,
even with the lead of the hole.
Expensive error by completed
the place and hole finished.

STRONGER THAN THE OTHER ANCHORING SYSTEMS
- Clinch anchoring operation gives an anchorage point
around the hole through the hole and showing strength
of an anchor around the hole, as well as the bearing
strength of the hole. A permanent anchorage is achieved
in any position. The wedge Clinch anchor
- has carried a weight of 2,500 pounds in tension
in tests. This will not work in ultimate use the hole
of material. Undoubtedly it will not leave the gap of the
hole.

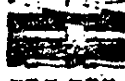
A Clinch anchor can be used in any standard standard
hole or standard threaded hole.

ITS - Clinch anchoring operation
is less depth than other systems
greater saving of labor and time
needed saving of material because
of hole needed.

PLAIN RING WEDGE AND STANDARD CLINCH ANCHOR

TYPE 1

Plain Ring Wedge Clinch Anchor



This is a standard Plain Ring Wedge Clinch Anchor
and is made in two sizes. Each size consists of a
wedge and a ring. The wedge is made of a lead alloy
and the ring is made of a steel alloy. The wedge is
driven into the hole and the ring is placed around
the wedge.

Standard Plain Ring Wedge Clinch Anchor
Type 1 in the hole shown in diagram.



A standard Plain Ring Wedge Clinch Anchor - After
regulation, consisting of one piece with lead in a
standard hole and one with regular depth
hole. The hole is made in the hole and the
hole is made in the hole and the hole is made
in the hole.

TYPE 1A

Plain Standard Clinch Anchor



This is a standard Plain Standard Clinch Anchor,
consisting of one piece with lead in a standard
hole and one with regular depth hole. The hole
is made in the hole and the hole is made in
the hole.

Standard Plain Ring Wedge Clinch Anchor
Type 1A in the hole shown in diagram.



A standard Plain Ring Wedge Clinch Anchor - After
regulation, consisting of one piece with lead in a
standard hole and one with regular depth
hole. The hole is made in the hole and the
hole is made in the hole and the hole is made
in the hole.

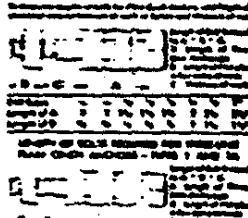
ANCHORING OF PLAIN CLINCH ANCHOR TYPES 1 and 1A

Installed with Hole Drill in Hole



The hole is made in the hole and the hole is made
in the hole. The hole is made in the hole and
the hole is made in the hole. The hole is made
in the hole and the hole is made in the hole.

Installed with Hole Drill in Hole



The hole is made in the hole and the hole is made
in the hole. The hole is made in the hole and
the hole is made in the hole. The hole is made
in the hole and the hole is made in the hole.

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threaded zinc wedge and standard cinder anchor

INDEX

Threaded Ring Wedge Gasket Seals



This is a Natural Shredded Soft Woody Cork
Sheet, put in sections over each of the
shredded cork and over plate unit. The shredded cork
pieces of these elements, the several cork
pieces, the shredding and cork unit are
indistinguishable from each other. The plate unit
is of different material of the same size and
the cork unit is not shredded.

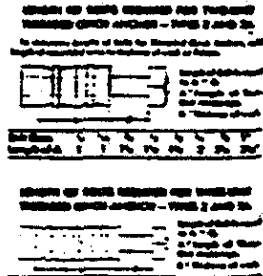
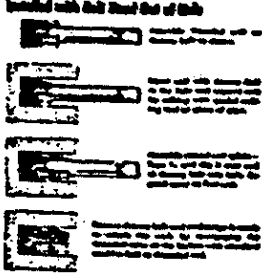
TABLE 2

Normalized Standard Deviation



This is a new one! Threaded Standard (Trade Standard) just over-ruled to re- make up of any threaded end and any plain end. The threaded end consists of 10 threads, 1/4" thread depth only just threaded, 1/4" hole diameter (same size). The plain end (only hole of 1/4" diameter) consists of the same two parts has the same two ends as all threaded.

APPLICATION OF THREADS ONCE KNOWN TYPES 2 and 2A



list prices of OEM ANSWERS

...the
... ..

THESE ARE THE ONLY TWO CASES OF THIS TYPE IN THE

Figure 1 illustrates the effect of a 100°C temperature change on the dimensions of four different types of paper. The figure is divided into four sections, each labeled with a type number (Type 1, Type 2, Type 1A, Type 2A). Each section contains two photographs of a rectangular strip of paper, labeled 'Before' and 'After' the temperature change. Type 1 and Type 2 show significant expansion after heating, while Type 1A and Type 2A show minimal change.

THREE-PIECE KING THREE CROWN JEWEL AND STAINLESS CROWN AND

Figure 1 consists of two subplots, (a) and (b), each showing a 2D scatter plot of data points. In both plots, the x-axis ranges from 0 to 100 and the y-axis ranges from 0 to 100. The data points are represented by small circles. In (a), there are 1000 data points, with 100 outliers highlighted in red. The outliers are located at the top right of the plot. In (b), there are 1000 data points, with 100 outliers highlighted in red. The outliers are located at the bottom left of the plot. Both plots show the result of the proposed method, where the outliers have been detected and removed, leaving a cleaner dataset of 900 points.

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WEDGE AND STANDARD CHUCK ANCHOR

TYPE 2A Threaded Standard Chuck Anchor



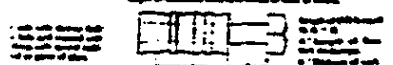
This is a threaded standard chuck anchor and is made up of one threaded bar and one plate end. The threaded bar is made of high strength steel and is threaded for 10 to 20 feet. The plate end is made of high strength steel and is 10 to 20 feet long. The anchor is used for anchoring steel cables and is available in various sizes and lengths.



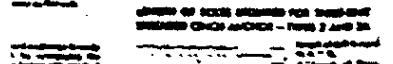
A threaded standard chuck anchor is made up of one threaded bar and one plate end. The threaded bar is made of high strength steel and is threaded for 10 to 20 feet. The plate end is made of high strength steel and is 10 to 20 feet long. The anchor is used for anchoring steel cables and is available in various sizes and lengths.

IF THREADED CHUCK ANCHOR TYPES 2 and 2A

These are the only two types of threaded chuck anchors that are used for anchoring steel cables. They are made of high strength steel and are threaded for 10 to 20 feet. The plate end is made of high strength steel and is 10 to 20 feet long. The anchor is used for anchoring steel cables and is available in various sizes and lengths.



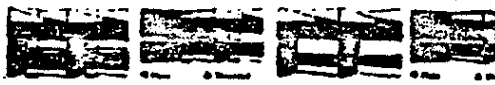
The threaded chuck anchor is made up of one threaded bar and one plate end. The threaded bar is made of high strength steel and is threaded for 10 to 20 feet. The plate end is made of high strength steel and is 10 to 20 feet long. The anchor is used for anchoring steel cables and is available in various sizes and lengths.



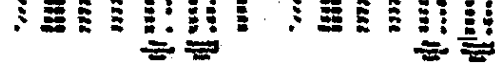
The threaded chuck anchor is made up of one threaded bar and one plate end. The threaded bar is made of high strength steel and is threaded for 10 to 20 feet. The plate end is made of high strength steel and is 10 to 20 feet long. The anchor is used for anchoring steel cables and is available in various sizes and lengths.

list prices of CHUCK ANCHORS

TYPE 1 TYPE 2 TYPE 1A TYPE 2A



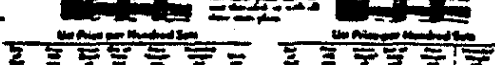
This is a threaded standard chuck anchor and is made up of one threaded bar and one plate end. The threaded bar is made of high strength steel and is threaded for 10 to 20 feet. The plate end is made of high strength steel and is 10 to 20 feet long. The anchor is used for anchoring steel cables and is available in various sizes and lengths.



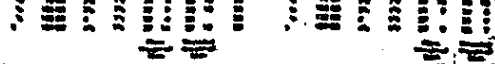
A threaded standard chuck anchor is made up of one threaded bar and one plate end. The threaded bar is made of high strength steel and is threaded for 10 to 20 feet. The plate end is made of high strength steel and is 10 to 20 feet long. The anchor is used for anchoring steel cables and is available in various sizes and lengths.

TYPE 1 OR 2 TYPE 1A OR 2A

These are the only two types of threaded chuck anchors that are used for anchoring steel cables. They are made of high strength steel and are threaded for 10 to 20 feet. The plate end is made of high strength steel and is 10 to 20 feet long. The anchor is used for anchoring steel cables and is available in various sizes and lengths.



The threaded chuck anchor is made up of one threaded bar and one plate end. The threaded bar is made of high strength steel and is threaded for 10 to 20 feet. The plate end is made of high strength steel and is 10 to 20 feet long. The anchor is used for anchoring steel cables and is available in various sizes and lengths.



The threaded chuck anchor is made up of one threaded bar and one plate end. The threaded bar is made of high strength steel and is threaded for 10 to 20 feet. The plate end is made of high strength steel and is 10 to 20 feet long. The anchor is used for anchoring steel cables and is available in various sizes and lengths.

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CINCH BRAND CALKING TOOLS TYPE 24

The Cinch Brand calking tool is specially used for expediting work on Standard and Ring Wedge Cinch Anchors. These tools are made to the dimensions shown in the table at right for your tool set.

Top Price of Tools, Type 24

Size	Price
1/2"	\$2.50
3/4"	\$3.00
1"	\$3.50
1 1/4"	\$4.00
1 1/2"	\$4.50
1 3/4"	\$5.00
2"	\$5.50
2 1/4"	\$6.00
2 1/2"	\$6.50
2 3/4"	\$7.00
3"	\$7.50

Standard Dimensions of Cinch Calking Tools for All Set Sizes

Set Size	Tool Size	Tool Length	Tool Width	Tool Thickness
1/2"	1/2"	12"	1/2"	1/8"
3/4"	3/4"	12"	3/4"	1/8"
1"	1"	12"	1"	1/8"
1 1/4"	1 1/4"	12"	1 1/4"	1/8"
1 1/2"	1 1/2"	12"	1 1/2"	1/8"
1 3/4"	1 3/4"	12"	1 3/4"	1/8"
2"	2"	12"	2"	1/8"
2 1/4"	2 1/4"	12"	2 1/4"	1/8"
2 1/2"	2 1/2"	12"	2 1/2"	1/8"
2 3/4"	2 3/4"	12"	2 3/4"	1/8"
3"	3"	12"	3"	1/8"

CINCH DRIVE SLEEVE TYPE 28



The Cinch Drive Sleeve consists of a standard standard size pipe and a drive sleeve. The sleeve is expanded with a rolling tool which is included in each lot of anchors.

Top Price of Tools, Type 28

Size	Price
1/2"	\$2.50
3/4"	\$3.00
1"	\$3.50
1 1/4"	\$4.00
1 1/2"	\$4.50
1 3/4"	\$5.00
2"	\$5.50
2 1/4"	\$6.00
2 1/2"	\$6.50
2 3/4"	\$7.00
3"	\$7.50

BULK FINDER ANCHORAGE WITH RING WEDGE CINCH ANCHORS

Standard Ring Wedge Cinch Anchors successfully meet the requirements of heavy anchor work, in concrete, rock, steel, and heavy construction. Also other anchors are required in construction with pipe, boiler, equipment or other heavy foundation work.

When using Cinch Brand anchors for use in any other purpose, it is not necessary to remove the hole from the anchor after expansion. In the case where the hole in the hole the anchor can be removed over the anchor and an additional anchor can be placed in the hole.



ANCHOR ANCHORED WITH STANDARD RING WEDGE CINCH ANCHOR

CINCH ANCHORS are made by the makers of "BUTTER BOX" Products.

RING WEDGE CINCH ANCHORS

INSTALLATION AND LOAD-BEARING DATA

Anchor Size	Anchor Length	Anchor Width	Anchor Thickness	Anchor Weight
1/2"	12"	1/2"	1/8"	1.50
3/4"	12"	3/4"	1/8"	1.80
1"	12"	1"	1/8"	2.10
1 1/4"	12"	1 1/4"	1/8"	2.40
1 1/2"	12"	1 1/2"	1/8"	2.70
1 3/4"	12"	1 3/4"	1/8"	3.00
2"	12"	2"	1/8"	3.30
2 1/4"	12"	2 1/4"	1/8"	3.60
2 1/2"	12"	2 1/2"	1/8"	3.90
2 3/4"	12"	2 3/4"	1/8"	4.20
3"	12"	3"	1/8"	4.50

* These are maximum values. The actual bearing capacity will vary with the quality of the concrete and the size of the hole.

The load-bearing capacity of the Cinch Anchor is determined by the size of the hole and the size of the anchor. The anchor is expanded with a rolling tool which is included in each lot of anchors.

Anchor Size	Anchor Length	Anchor Width	Anchor Thickness	Anchor Weight
1/2"	12"	1/2"	1/8"	1.50
3/4"	12"	3/4"	1/8"	1.80
1"	12"	1"	1/8"	2.10
1 1/4"	12"	1 1/4"	1/8"	2.40
1 1/2"	12"	1 1/2"	1/8"	2.70
1 3/4"	12"	1 3/4"	1/8"	3.00
2"	12"	2"	1/8"	3.30
2 1/4"	12"	2 1/4"	1/8"	3.60
2 1/2"	12"	2 1/2"	1/8"	3.90
2 3/4"	12"	2 3/4"	1/8"	4.20
3"	12"	3"	1/8"	4.50

The load-bearing capacity of the Cinch Anchor is determined by the size of the hole and the size of the anchor. The anchor is expanded with a rolling tool which is included in each lot of anchors.

Anchor Size	Anchor Length	Anchor Width	Anchor Thickness	Anchor Weight
1/2"	12"	1/2"	1/8"	1.50
3/4"	12"	3/4"	1/8"	1.80
1"	12"	1"	1/8"	2.10
1 1/4"	12"	1 1/4"	1/8"	2.40
1 1/2"	12"	1 1/2"	1/8"	2.70
1 3/4"	12"	1 3/4"	1/8"	3.00
2"	12"	2"	1/8"	3.30
2 1/4"	12"	2 1/4"	1/8"	3.60
2 1/2"	12"	2 1/2"	1/8"	3.90
2 3/4"	12"	2 3/4"	1/8"	4.20
3"	12"	3"	1/8"	4.50

CLIPPING TOOLS TYPE 24

is used to separate steel for expanding into
single (single) anchors. These tools are made
of mild steel and are used to cut the steel into
the shape of the anchors.

Standard Dimensions of Clipping Tools for All Bolt Sizes

Bolt Size	Tool Size	Tool Length	Tool Width	Tool Thickness	Tool Weight
1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
7/8"	7/8"	7/8"	7/8"	7/8"	7/8"
1"	1"	1"	1"	1"	1"
1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"
1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"
1 3/4"	1 3/4"	1 3/4"	1 3/4"	1 3/4"	1 3/4"
1 7/8"	1 7/8"	1 7/8"	1 7/8"	1 7/8"	1 7/8"
2"	2"	2"	2"	2"	2"

EYE TYPE 28

Use Plate Per Standard, Type 28

Bolt Size	Eye Size	Eye Length	Eye Width	Eye Thickness	Eye Weight
1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
7/8"	7/8"	7/8"	7/8"	7/8"	7/8"
1"	1"	1"	1"	1"	1"
1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"
1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"
1 3/4"	1 3/4"	1 3/4"	1 3/4"	1 3/4"	1 3/4"
1 7/8"	1 7/8"	1 7/8"	1 7/8"	1 7/8"	1 7/8"
2"	2"	2"	2"	2"	2"

2 ANCHORAGE WITH RING WEDGE CINCH ANCHORS

is used to separate steel for expanding into
single (single) anchors. These tools are made
of mild steel and are used to cut the steel into
the shape of the anchors.



ANCHORING WITH RING WEDGE CINCH ANCHORS

is used by the makers of "DUPON 807" Products.

RING WEDGE CINCH ANCHORS

INSTALLATION AND LOAD-STRENGTH DATA
RECOMMENDED VALUES OF DATA

Anchor Size	Anchor Length	Anchor Width	Anchor Thickness	Anchor Weight
1/4"	1/4"	1/4"	1/4"	1/4"
3/8"	3/8"	3/8"	3/8"	3/8"
1/2"	1/2"	1/2"	1/2"	1/2"
5/8"	5/8"	5/8"	5/8"	5/8"
3/4"	3/4"	3/4"	3/4"	3/4"
7/8"	7/8"	7/8"	7/8"	7/8"
1"	1"	1"	1"	1"
1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"
1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"
1 3/4"	1 3/4"	1 3/4"	1 3/4"	1 3/4"
1 7/8"	1 7/8"	1 7/8"	1 7/8"	1 7/8"
2"	2"	2"	2"	2"

is used to separate steel for expanding into
single (single) anchors. These tools are made
of mild steel and are used to cut the steel into
the shape of the anchors.

The steel anchors are made of mild steel and are used to cut the steel into the shape of the anchors. The anchors are made of mild steel and are used to cut the steel into the shape of the anchors.

Anchor Size	Anchor Length	Anchor Width	Anchor Thickness	Anchor Weight
1/4"	1/4"	1/4"	1/4"	1/4"
3/8"	3/8"	3/8"	3/8"	3/8"
1/2"	1/2"	1/2"	1/2"	1/2"
5/8"	5/8"	5/8"	5/8"	5/8"
3/4"	3/4"	3/4"	3/4"	3/4"
7/8"	7/8"	7/8"	7/8"	7/8"
1"	1"	1"	1"	1"
1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"
1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"
1 3/4"	1 3/4"	1 3/4"	1 3/4"	1 3/4"
1 7/8"	1 7/8"	1 7/8"	1 7/8"	1 7/8"
2"	2"	2"	2"	2"

The steel anchors are made of mild steel and are used to cut the steel into the shape of the anchors. The anchors are made of mild steel and are used to cut the steel into the shape of the anchors.

Anchor Size	Anchor Length	Anchor Width	Anchor Thickness	Anchor Weight
1/4"	1/4"	1/4"	1/4"	1/4"
3/8"	3/8"	3/8"	3/8"	3/8"
1/2"	1/2"	1/2"	1/2"	1/2"
5/8"	5/8"	5/8"	5/8"	5/8"
3/4"	3/4"	3/4"	3/4"	3/4"
7/8"	7/8"	7/8"	7/8"	7/8"
1"	1"	1"	1"	1"
1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 3/8"
1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
1 5/8"	1 5/8"	1 5/8"	1 5/8"	1 5/8"
1 3/4"	1 3/4"	1 3/4"	1 3/4"	1 3/4"
1 7/8"	1 7/8"	1 7/8"	1 7/8"	1 7/8"
2"	2"	2"	2"	2"