# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Page</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>02</td>
<td>Landing Leg Mounting Brackets &amp; Lugs</td>
</tr>
<tr>
<td>03</td>
<td>Crank Handles, Crank Handle Keepers &amp; Crank Handle Shafts</td>
</tr>
<tr>
<td>04</td>
<td>Adjustable Braces, One Piece Braces &amp; Cross Leg Turning Shafts</td>
</tr>
<tr>
<td>05</td>
<td>Sand Shoe Quick find List, Sand Shoes &amp; Dolly Wheels</td>
</tr>
<tr>
<td>06</td>
<td>Sand Shoe Axle Kits</td>
</tr>
<tr>
<td>07</td>
<td>Mud Flap Brackets &amp; Retaining Strips</td>
</tr>
<tr>
<td>08</td>
<td>Corner Post Handholds, Retractable Step Assemblies &amp; Access Hatches</td>
</tr>
<tr>
<td>09</td>
<td>Tire Carriers</td>
</tr>
<tr>
<td>10</td>
<td>Manifest Boxes</td>
</tr>
<tr>
<td>15</td>
<td>Twist Lock Quick Find List, Twist Lock worksheets &amp; Twist locks</td>
</tr>
<tr>
<td>16</td>
<td>Steel Balls</td>
</tr>
<tr>
<td>17</td>
<td>Fasteners, Clevis Pins &amp; Hardware</td>
</tr>
<tr>
<td>20</td>
<td>Container Securement Handles &amp; Pins</td>
</tr>
<tr>
<td>21</td>
<td>Riser Blocks</td>
</tr>
<tr>
<td>23</td>
<td>Tarp Bows &amp; Accessories</td>
</tr>
<tr>
<td>25</td>
<td>Container Securement Latches &amp; Door Holdbacks</td>
</tr>
<tr>
<td>30</td>
<td>Container Securement Locking Pins</td>
</tr>
<tr>
<td>35</td>
<td>Slider Pins</td>
</tr>
<tr>
<td>40</td>
<td>Locking Pin Guide Bosses</td>
</tr>
<tr>
<td>45</td>
<td>Chassis Bolster End Replacements</td>
</tr>
<tr>
<td>50</td>
<td>Springs</td>
</tr>
<tr>
<td>55</td>
<td>Cargo Restraints</td>
</tr>
<tr>
<td>60</td>
<td>Hinge Plates</td>
</tr>
<tr>
<td>65</td>
<td>Hinge Butts</td>
</tr>
<tr>
<td>70</td>
<td>Misc. Clips, Brackets &amp; Fabrications</td>
</tr>
<tr>
<td>90</td>
<td>PENZ Container Securement Devices</td>
</tr>
</tbody>
</table>

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3-25-2016
FIVE reasons you will prefer PENZ . . .

1) QUALITY
At Penz, we manufacture our products utilizing only high-grade materials and stand behind our workmanship to assure extreme durability and years of trouble-free service.

2) PRICE
Check and compare . . . feature for feature - quality products at the most competitive prices, PENZ PRODUCTS is the best value in today's market.

3) SERVICE
Reliability second to none . . . located in the heart of the midwest, PENZ assures rapid and dependable delivery on a coast to coast basis.

4) SELECTION
One Stop Shopping . . . PENZ offers you a complete line of truck-trailer, container and chassis component parts for O.E.M. and Aftermarket applications.

5) FLEXIBILITY
Your needs are our needs . . . PENZ will respond to your changing schedules and product specifications. Engineering and tooling changes are handled on a priority basis.

PENZ INDUSTRIAL PARK
The practical people at PENZ are happy to present our latest and most complete catalogue for both the OEM and Aftermarket Truck Trailer and Container/Chassis Industry. PENZ deals directly with OEM's and established AFTERMARKET distributors throughout the United States, Canada, Mexico, Central America, and South America. PENZ is a leader in a highly competitive and ever changing industry.

The PENZ organization was established in 1956 and has been serving the Truck Trailer and Container/Chassis Industry for over Sixty years. We are truly appreciative and give thanks to our customers whose loyalty and confidence have been the source of our success and growth over the years.

Periodically, some customers will ask for modifications to existing products to meet their specialized needs. These parts will be assigned their own part numbers for future ordering. We can also discuss a stocking program.

PENZ can also quote your specialized fabrication needs on items that are not in our catalogue. Whether it be short runs, one time runs or extended production runs, our goal is to serve and satisfy our customers.

For quality, price, service, selection, and flexibility, there isn't anyone else you can turn to that will compare to PENZ.

Yours truly,

David A. Penzenik
President, Steel Division
PENZ PRODUCTS, INC.

TERMS & CONDITIONS OF SALE

ACCEPTANCE BY PENZ PRODUCTS, INC. ("PENZ") OF ANY PURCHASE ORDER FOR PENZ GOODS ("GOODS") BY A PROSPECTIVE CUSTOMER ("BUYER") IS EXPRESSLY CONDITIONAL ON BUYER'S ASSENT TO THE FOLLOWING PROVISIONS OF THESE TERMS AND CONDITION OF SALE:

PURCHASE ORDERS AND CONFIRMATIONS:
Purchase orders shall specify the quantity and type of Goods ordered, the requested delivery date (which requested delivery date is subject to the terms of the DELIVERY AND FREIGHT provision below), and the destination point for delivery. Purchase orders may be submitted in writing or by telephone, but PENZ shall have no responsibility for any error or failure in filling a telephoned purchase order unless PENZ receives written confirmation within five (5) days from the date the purchase order was placed. PENZ strives to acknowledge purchase orders, as entered into its computer system, via facsimile within twenty-four (24) hours of receipt of a purchase order. Any terms in any purchase order which conflict with or are in addition to the terms of these Terms and Conditions of Sale or a written acknowledgement shall be without force or effect, and any subsequent performance pursuant to the purchase order shall be deemed to be an acceptance of the purchase order without such additional or conflicting terms. The terms of these Terms and Conditions of Sale shall control and govern exclusively the purchase and sale transaction between PENZ and BUYER.

SELLER SPECIFICATIONS:
PENZ may, from time to time and without notice, modify, add, delete, replace, substitute or otherwise alter its designs, specifications and engineering standards and other standards for any and all Goods.

PRICE/PAYMENT TERMS:
All quotations for Goods and all prices for Goods shall be: (a) F.O.B. PENZ's facility in Mishawaka, Indiana, USA; (b) exclusive of applicable federal, state, and local taxes (including state and use taxes), excises, duties and import fees which Buyer shall pay or reimburse to PENZ; (c) exclusive of freight and delivery charges and insurance, all of which BUYER shall pay; and (d) subject to change without prior notice to BUYER. For a BUYER with prearranged credit, payment for Goods shall be net 30 days from the date of invoice. Delivery of Goods to a Buyer with PENZ's credit approval shall not be made unless: (a) PENZ receives full payment for the requested Goods prior to delivery; or (b) BUYER requests and PENZ assents to C.O.D. shipment of the requested Goods. Delays may be by completing and furnishing PENZ with a credit application, which is available upon request, in advance of placing a purchase order. In the event an invoice becomes overdue, then: (a) a monthly service charge of the lesser of one and one-half percent (1.5%) or the maximum allowed by law shall be assessed by PENZ and be due and payable by BUYER on the outstanding balance and (b) no goods requested in Buyer's outstanding or future purchase orders will be shipped on credit until the overdue invoice is paid in full.

DELIVERY AND FREIGHT:
Delivery of Goods shall be F.O.B. shipping point at PENZ's facility in Mishawaka, Indiana, USA, on or before the delivery date requested in the applicable purchase order, provided that, without PENZ's approval, such delivery date shall not be earlier than thirty (30) days after PENZ has accepted or confirmed the applicable purchase order ("Earliest Delivery Date"). If the requested delivery date is prior to the Earliest Delivery Date and PENZ does not expressly approve in writing the requested delivery date, PENZ shall only be obligated to make delivery on or before the Earliest Delivery Date. Notwithstanding anything herein to the contrary, if PENZ specifies a delivery date later than the Earliest Delivery Date, then delivery shall occur on or before that later date. Standard delivery time for Goods in stock is 2-4 weeks from the purchase order receipt. PENZ will make good faith effort to make parcel post and air shipments available if requested by Buyer. PENZ shall not be responsible, and shall not have any liability to Buyer whatsoever, for any delay in delivering any Goods due to any condition reasonably beyond its control, including, without limitation, acts of God, explosions, damage to or unavailability, or requirements of any governmental authority ("Force Majeure Events"), and the time of delivery shall be extended for the length of the delay cause by Force Majeure Events.

DAMAGE/LOSS:
Risk of loss and damage to Goods purchased by Buyer upon shipment by PENZ for F.O.B. point. Buyer shall have responsibility to ensure that the carrier delivering any Goods to Buyer has adequate insurance in full force and effect to cover any and all loss or damage to any Goods which may result from any cause or peril during or in connection with delivery or transport of the Goods, and upon request, Buyer shall furnish to PENZ documentation to that effect. Claims for any Goods lost or damaged during shipment shall be filed by Buyer direct with the carrier, and Buyer is advised to note loss or damage to Goods on the freight bill when signing for receipt. As most Goods shortages result from the carrier losing or damaging shipping containers, PENZ will provide reasonable assistance in tracking shipments.

OVER & UNDER RUNS AND SHORTAGES:
Purchase orders shall be considered satisfied and complete if shipment of Goods is within five percent (5%) of the quantity requested. Buyer waives all right to object to a shortage or other error in a shipment of Goods unless such shortage or other error is reported to PENZ within five (5) business days from receipt of the shipment.

WARRANTIES:
PENZ warrants and represents to BUYER that the materials and workmanship of its Goods shall be free from defects for a period of one (1) year from the date of delivery by PENZ.

TO THE MAXIMUM EXTENT PERMITTED BY LAW, PENZ SPECIFICALLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY, ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, AND ANY WARRANTY OF TITLE AND AGAINST INFRINGEMENT.
RETAIINE SECURITY INTEREST AND PROPRIETARY INFORMATION:

PENZ retains a security interest and lien in and to all Goods sold to Buyer until the purchase price for such Goods has been paid in full. All patents, patents pending, copyrights, trademarks, trade secrets, logos, and all other information, including without limitation, inventions, products, processes, apparatus, or designs, whether patentable or unpatentable, that PENZ conceives, invents, originate, owns or otherwise has an interest in at any time prior or subsequent to a sale of Goods to Buyer ("Proprietary Information") shall remain the property of PENZ. Buyer shall maintain the confidentiality of all Proprietary Information which is confidential, shall not disclose or provide any confidential Proprietary Information to others, and shall use best efforts to ensure that the employees, agents and independent contractors of Buyer shall not improperly use, disseminate or disclose any confidential Proprietary Information. As PENZ’s remedies in money or damages will be inadequate for a breach of this provision of these Terms and Conditions of Sale, PENZ shall be entitled to obtain immediate injunctive relief from a court of competent jurisdiction, and such relief shall not limit PENZ’s right to seek further remedies.

DEFAULT/REMEDIES:

In the event PENZ breaches any warranty or other provision of these Terms and Conditions of Sale or otherwise fails to tender conforming performance (a “Default”), Buyer’s sole and exclusive remedy shall be (a) to return to PENZ, within thirty (30) days of the Default and pursuant to instructions received from PENZ responsive to notice from Buyer of the Default, the Goods which are the subject of the Default and to receive a full refund of that portion of the purchase price paid by Buyer for such Goods or, at the option of PENZ, (b) the repair or replacement of any Goods which is the subject of the Default. In the event of a defect or suspected defect, PENZ must be informed immediately to authorize and issue a Return Goods Authorization Number (RGAN#) in order to return the defect product to PENZ for evaluation. At PENZ’s option, PENZ will repair or replace any defective product at no charge, after a RGAN# is issued to authorize return of the defective product upon receipt and evaluation of the defective product and the product is found to be defective, not to exceed the cost of the original product from PENZ. PENZ will not be responsible for any other costs associated with a defective product, which includes labor, without prior written approval from an authorized PENZ Products representative. If PENZ secures a Purchase Order Number (PO#) at the time a RGAN# is issued, PENZ will then ship out a replacement product at no charge, pending receipt and evaluation of the product returned. If indeed the product returned is defective, the replacement product shipped out will be a no charge and the PO# secured will be discarded. If the product returned is not defective or falls outside of our warranty, the product that was shipped out will be billed accordingly on the PO# secured. The rights and remedies provided to Buyer in these Terms and Conditions of Sale shall be the SOLE and EXCLUSIVE rights and remedies of Buyer with respect to any Default by PENZ, and Buyer waives all other rights and remedies provided by applicable law, including without limitation, consequential, liquidated, punitive or any other money damages. PENZ SHALL NOT BE LIABLE TO BUYER FOR ANY LOST PROFITS, ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, OR SIMILAR DAMAGES, OR ANY CLAIMS OR DEMANDS BROUGHT BY OR AGAINST BUYER, HOWEVER CAUSED AND UNDER ANY THEORY OF LIABILITY, INCLUDING, WITHOUT LIMITATION, PENZ’S NEGLIGENCE, AND EVEN IF PENZ WAS ADVISED OF THEIR POSSIBILITY. PENZ SHALL HAVE NO OBLIGATION TO REPLACE OR REPAIR ANY GOODS WHICH ARE LOST OR STOLEN OR DESTROYED OR DAMAGED BY FIRE OR ANY OTHER PERIL DURING THE WARRANTY PERIOD OR THEREAFTER. IN NO EVENT SHALL PENZ’S AGGREGATE LIABILITY TO BUYER ARISING OUT OF, RELATED TO OR IN CONNECTION WITH THE SALE OF ANY GOODS EXCEED THE PURCHASE PRICE PAID TO PENZ BY BUYER FOR SUCH GOODS, ANY ACTION AGAINST PENZ MUST BE BROUGHT WITHIN (18) MONTHS AFTER THE CAUSE OF ACTION ACCRUES. BUYER SHALL BE LIABLE TO PENZ FOR AND SHALL PAY TO PENZ ALL COSTS AND EXPENSES, INCLUDING REASONABLE ATTORNEY’S FEES, INCURRED BY PENZ TO COLLECT THE PURCHASE PRICE FROM BUYER OR OTHERWISE TO ENFORCE ANY OF THESE TERMS AND CONDITIONS OF SALE IN THE EVENT OF BUYER’S BREACH. In the event Buyer breaches these Terms and Conditions of Sale, PENZ shall have all remedies available under the Indian Uniform Commercial Code, Ind. Code 26-1-1-1 et seq., as amended, and as otherwise provided by applicable law.

RETURNS:

Absent PENZ’s prior written approval, Buyer shall have no right to return Goods, and PENZ shall credit Buyer’s account in an amount equal to the purchase price of the Goods less a fifteen percent (15%) restocking charge. All returned Goods shall be shipped prepaid freight by Buyer.

WAIVER/SEVERABILITY:

Failure by PENZ to insist upon strict compliance with any portion of these Terms and Conditions of Sale shall not be deemed a waiver of such portion, nor shall any waiver or relinquishment of any right or power hereunder at any one or more times be deemed a waiver or relinquishment of such right or power at any other time or times. In case any or more of the provisions contained in these Terms and Conditions of Sale shall be invalid, illegal or unenforceable in any respect, the validity, legality or enforceability of the remaining provisions contained herein shall not in any way be affected or impaired thereby.

GOVERNING LAW:

The law of the State of Indiana shall govern any sale of Goods in all aspects without regard to principles of law. ALL ACTIONS OR PROCEEDINGS ARISING IN CONNECTION WITH ANY SALE OF GOODS, WHETHER BASED UPON CONTRACT OR OTHERWISE, SHALL BE TRIED AND LITIGATED ONLY IN THE STATE AND FEDERAL COURTS LOCATED IN THE STATE OF INDIANA. BUYER SHALL SUBMIT TO PERSONAL JURISDICTION IN INDIANA AND WAIVES THE RIGHT TO A TRIAL BY JURY, ANY RIGHT IT MAY HAVE TO ASSERT THE DOCTRINE OF FORUM NON CONVENIENS OR TO OBJECT TO VENUE, AND, IN THE EVENT OF A COLLECTION ACTION BY PENZ, THE RIGHT TO COUNTERCLAIM.

MODIFICATION/ENTIRE AGREEMENT:

No modification, amendment, extension or alleged waiver of these Terms and Conditions of Sale or any provision hereof will be binding on either party unless in writing and signed by the party sought to be bound. THESE TERMS AND CONDITIONS OF SALE CONSTITUTE THE FINAL WRITTEN EXPRESSION OF ALL OF THESE TERMS AND CONDITIONS OF SALE AND IS A COMPLETE AND EXCLUSIVE STATEMENT OF THOSE TERMS, and these Terms and Conditions of Sale supersedes and replaces all prior agreements and understandings, written or oral. The provisions of these Terms and Conditions of Sale shall be binding upon and shall insure to the benefit of PENZ and Buyer and their respective successors, assigns and legal representatives. ANY AND ALL REPRESENTATIONS, PROMISES, WARRANTIES OR STATEMENTS MADE OR GIVEN TO BUYER THAT DIFFER IN ANY WAY FROM THE TERMS OF THESE TERMS AND CONDITIONS OF SALE SHALL BE GIVEN NO FORCE AND EFFECT.
LANDING LEG MOUNTING BRACKETS & LUGS

<table>
<thead>
<tr>
<th>PART No.</th>
<th>FINISH</th>
</tr>
</thead>
<tbody>
<tr>
<td>02-02-CS</td>
<td>PRIMER</td>
</tr>
<tr>
<td>02-02-RS</td>
<td>PRIMER</td>
</tr>
<tr>
<td>02-02-CS-GALV</td>
<td>GALVINIZING</td>
</tr>
<tr>
<td>02-02-RS-GALV</td>
<td>GALVINIZING</td>
</tr>
</tbody>
</table>

**CURB SIDE SHOWN:**
- PART No. 02-02-CS

**ROAD SIDE OPPOSITE:**
- PART No. 02-02-RS

**PENZ PART NUMBER 02-02-XX**
- SIM. TO TRAILMOBILE
- MAT'L: 7Ga., HRS
- WT: 37.3#
- FINISH: SEE CHART

**PENZ PART NUMBER 02-01**
- SIM. TO TRAILMOBILE
- MAT'L: 7Ga., HRS
- WT: 73.4#
- FINISH: PRIMER

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LANDING LEG MOUNTING BRACKETS & LUGS

PENZ PART NUMBER
02-03

SIMILAR TO ACL
MAT’L: 3/8” HRS
WT: 26.2#
FINISH: PRIMER

PENZ PART NUMBER
02-04

MAT’L: 1/4” HRS
WT: 18.0#
FINISH: PRIMER

PENZ PART NUMBER
02-05-XX

SIMILAR TO BUDD
MAT’L: 70a. HRS
WT: 44.0#
FINISH: PRIMER

CURB SIDE SHOWN:
PART No. 02-05-CS

ROAD SIDE OPPOSITE:
PART No. 02-05-RS

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02-02
LANDING LEG MOUNTING BRACKETS & LUGS

CURB SIDE SHOWN:
PART No. 02-06-CS

ROAD SIDE OPPOSITE:
PART No. 02-06-RS

PENZ PART NUMBER
02-06-XX
SIMILAR TO THEURER
MAT'L: 7Ga. HRS
WT: 25.9#
FINISH: PRIMER

CURB SIDE SHOWN:
PART No. 02-07-CS

ROAD SIDE OPPOSITE:
PART No. 02-07-RS

PENZ PART NUMBER
02-07-XX
SIMILAR TO GREAT DANE
MAT'L: 7Ga. HRS
WT: 22.8#
FINISH: PRIMER

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*10–25–17
LANDING LEG MOUNTING BRACKETS & LUGS

02-10-A: 3/8: HRS, .8#
02-10-B: 1/4" HRS, .4#

02-11-A: 3/8: HRS, 1.8#
02-11-B: 1/4" HRS, 1.3#

02-12-A: 3/8: HRS, 1.8#
02-12-B: 1/4" HRS, 1.2#

02-13-A: 3/8: HRS, 1.0#
02-13-B: 1/4" HRS, .7#

02-14-A: 3/8: HRS, 1.5#
02-14-B: 1/4" HRS, 1.0#

02-15-A: 3/8: HRS, 1.8#
02-15-B: 1/4" HRS, 1.2#
LANDING LEG MOUNTING BRACKETS & LUGS

02-31-A: 3/8" HRS. .9#
02-31-B: 1/4" HRS. .6#

PENZ PART NUMBER
02-31-X
MAT'L: HRS
WT: NOTED
FINISH: PRIMER

PENZ PART NUMBER
02-32
MAT'L: 3/8" HRS
WT: 2.1#
FINISH: PRIMER

PENZ PART NUMBER
02-33
MAT'L: 1/4" HRS
WT: 18.03
FINISH: PRIMER

CURB SIDE SHOWN:
PART No. 03-34-CS
ROAD SIDE OPPOSITE:
PART No. 03-34-RS

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12-06-17
LANDING LEG MOUNTING BRACKETS & LUGS

CURB SIDE SHOWN:
PART No. 02-35-CS

ROAD SIDE OPPOSITE:
PART No. 02-35-RS

CURB SIDE SHOWN:
PART No. 02-36-RS

ROAD SIDE OPPOSITE:
PART No. 02-36-RS

PENZ PART NUMBER
02–35–XX

SIMILAR TO PINES
MAT’L: 10Ga. HRS
WT: 28.5#
FINISH: PRIMER

PENZ PART NUMBER
02–36–XX

SIMILAR TO PINES
MAT’L: 10Ga. HRS
WT: 34.5#
FINISH: PRIMER

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02–10

*12–06–17
LANDING LEG MOUNTING BRACKETS & LUGS

**PENZ PART NUMBER**

**02–37**

- **MAT’L:** 3/8” HRS
- **WT:** 1.9#
- **FINISH:** PRIMER

**02–38**

- **MAT’L:** 3/8” HRS
- **WT:** 1.5#
- **FINISH:** PRIMER

**02–39**

- **MAT’L:** 3/8” HRS
- **WT:** 1.0#
- **FINISH:** PRIMER

**02–40**

- **MAT’L:** 3/8” HRS
- **WT:** 2.0#
- **FINISH:** PRIMER

**Curb Side Shown:**

- **Part No. 02-41-CS**
- **Road Side Opposite:**
- **Part No. 02-41-RS**

**MONON PART:**

- # VO9-189A-RS (Road Side)
- # VO9-189B-CS (Curb Side)

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*12–06–17*
PENZ PART NUMBER
02–61

SIMILAR TO STRICK
MAT’L: 1/4” HRS
WT: 25.1#
FINISH: PRIMER

PENZ PART NUMBER
02–62–XX

CURB SIDE SHOWN:
PART No. 02-62-CS
ROADSIDE OPPOSITE:
PART No. 02-62-RS

MAT’L: 70a. HRS
WT: 16.6#
FINISH: PRIMER
**LANDING LEG MOUNTING BRACKETS & LUGS**

**PENZ PART NUMBER 02-68**
- **MAT'L:** HRS
- **WT:** 1.93#
- **FINISH:** PRIMER

**PENZ PART NUMBER 02-69**
- **MAT'L:** HRS
- **WT:** 1.96#
- **FINISH:** PRIMER

**CURB SIDE SHOWN:**
- **PART No. 02-71-CS**
- **ROAD SIDE OPPOSITE:**
- **PART No. 02-71-CS**

**PENZ PART NUMBER 02-70**
- **MAT'L:** 1/4" HRS
- **WT:** 1.96#
- **FINISH:** PRIMER

**PENZ PART NUMBER 02-71-XX**
- **MAT'L:** 12Ga. HRS
- **WT:** 4.0#
- **FINISH:** PRIMER

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LANDING LEG MOUNTING BRACKETS & LUGS

PENZ PART NUMBER 02-75
BRACE EAR
MAT'L: HRS
WT: HRS
FINISH: MILL

PENZ PART NUMBER 02-76
TRIANGLE BRACE
MAT'L: HRS
WT: 1.70#
FINISH: MILL

PENZ PART NUMBER 02-77
TRAPEZOID BRACKET
MAT'L: HRS
WT: 1.99#
FINISH: MILL

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*12-06-17*
LANDING LEG MOUNTING BRACKETS & LUGS

PENZ PART NUMBER 02-78
FORMED CHANNEL
MAT'L: HRS
WT: 17.78#
FINISH: MILL

PENZ PART NUMBER 02-79
FORMED CHANNEL
MAT'L: HRS
WT: 23.46#
FINISH: MILL

PENZ PART NUMBER 02-80
FORMED CHANNEL
MAT'L: HRS
WT: 15.88#
FINISH: MILL

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LANDING LEG MOUNTING BRACKETS & LUGS

PENZ PART NUMBER
02–81
MAT'L: HRS
WT: 17.07#
FINISH: MILL

PENZ PART NUMBER
02–82
FORMED CHANNEL
MAT'L: HRS
WT: 13.99#
FINISH: MILL

PENZ PART NUMBER
02–83
FORMED CHANNEL
MAT'L: HRS
WT: 12.09#
FINISH: MILL

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LANDING LEG MOUNTING BRACKETS & LUGS

**PENZ PART NUMBER**
02-93
FORMED CHANNEL
MAT'L: HRS
WT: 24.41#
FINISH: MILL

**PENZ PART NUMBER**
02-94
FORMED CHANNEL
MAT'L: HRS
WT: 23.35#
FINISH: MILL

**PENZ PART NUMBER**
02-95
FORMED CHANNEL
MAT'L: HRS
WT: 13.75#
FINISH: MILL

**PART No.**
<table>
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<tr>
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<th>&quot; X &quot;</th>
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1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640

11-07-19
LANDING LEG MOUNTING BRACKETS & LUGS

PENZ PART NUMBER 02.111
LANDING LEG BRACKET
MAT'L: 7Ga. HRS
WT: 13.72#
FINISH: PRIMER

PENZ PART NUMBER 02.112-XX
LANDING LEG BRACKET
MAT'L: 7Ga. HRS
WT: 34.36#
FINISH: PRIMER

ROAD SIDE SHOWN:
PART No. 02.112-RS
CURB SIDE OPPOSITE:
PART No. 02.112-CS

SIMILAR TO WABASH: 13S01503
: 13S01504

PENZ PRODUCTS, INC. – STEEL DIVISION
1320 S. Merrifield Ave.  Mishawaka, IN 46544  Ph:(574) 255-4736  Fax:(574) 256-0640

*04–29–21
K-BRACE

<table>
<thead>
<tr>
<th>K-BRACE PART NUMBER</th>
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K-BRACE

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K-BRACE

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K-BRACE

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K-BRACE

PENZ PRODUCTS, INC. - STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640

*05–30–18*
**K-BRACE & LUGS**

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**I-BEAM K-BRACE**

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**MOUNTING LUG**

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**PENZ PART NUMBER**

- 02.503-XXX: FINISH: PRIMER
- 02.504-XX: FINISH: PRIMER
- 02-KW730690: FINISH: MILL

**PENZ PRODUCTS, INC. - STEEL DIVISION**

1320 S. Merrifield Ave.  Mishawaka, IN 46544  Ph:(574) 255-4736  Fax:(574) 256-0640
### PENZ PART NUMBER

**03-1XX-H**

SIMILAR TO FRUEHAUF  
MAT'L: HRS  
WT: SEE CHART  
FINISH: PRIMER

<table>
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<td>03-106-H</td>
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<td>03-107-H</td>
<td>8 1/6&quot;</td>
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### PENZ PART NUMBER

**03-1XX-V**

SIMILAR TO FRUEHAUF  
MAT'L: HRS  
WT: SEE CHART  
FINISH: PRIMER

<table>
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**PENZ PART NUMBER**

**03-1XXHD-H**

- **MAT'L:** HRS
- **WT:** SEE CHART
- **FINISH:** PRIMER

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<td>3.5#</td>
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<td>03-121HD-V</td>
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**PENZ PART NUMBER**

**03-1XX-HD-V**

- **MAT'L:** HRS
- **WT:** SEE CHART
- **FINISH:** PRIMER

---

**PENZ PRODUCTS, INC. - STEEL DIVISION**

1320 S. Merrifield Ave.  Mishawaka, IN 46544  Ph:(574) 255-4736  Fax:(574) 256-0640

*12-06-17*
CRANK HANDLES

PENZ PART NO. | "A" DIM | WEIGHT
---|---|---
03-205-H | 3 7/8" | 2.6# |
03-207-H | 5 5/8" | 2.8# |
03-209-H | 7 5/8" | 2.9# |
03-211-H | 9 5/8" | 3.1# |
03-212-H | 11" | 3.2# |
03-213-H | 12 1/8" | 3.3# |
03-215-H | 14 1/2" | 3.5# |
03-217-H | 16 1/8" | 3.6# |
03-221-H | 19 5/8" | 3.9# |
03-223-H | 21 5/8" | 4.0# |
03-224-H | 22 5/8" | 4.1# |

PENZ PART NUMBER
03-2XX-H

MAT'L: HRS
WT: SEE CHART
FINISH: PRIMER

PENZ PART NO. | "A" DIM | WEIGHT
---|---|---
03-205-V | 3 7/8" | 2.6# |
03-207-V | 5 5/8" | 2.8# |
03-209-V | 7 5/8" | 2.9# |
03-211-V | 9 5/8" | 3.1# |
03-212-V | 11" | 3.2# |
03-213-V | 12 1/8" | 3.3# |
03-215-V | 14 1/2" | 3.5# |
03-217-V | 16 1/8" | 3.6# |
03-221-V | 19 5/8" | 3.9# |
03-223-V | 21 5/8" | 4.0# |
03-224-V | 22 5/8" | 4.1# |
03-225-V | 24" | 4.2# |

PENZ PART NUMBER
03-2XX-V

MAT'L: HRS
WT: SEE CHART
FINISH: PRIMER

PENZ PRODUCTS, INC. - STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph: (574) 255-4736 Fax: (574) 256-0640
CRANK HANDLES

<table>
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<tr>
<td>03-205HD-H</td>
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<td>03-211HD-H</td>
<td>9 5/8&quot;</td>
<td>3.3#</td>
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<tr>
<td>03-212HD-H</td>
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<td>03-215HD-H</td>
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PENZ PART NUMBER
03–2XXHD–H

MAT'L: HRS  
WEIGHT: SEE CHART  
FINISH: PRIMER

PENZ PART NUMBER
03–2XXHD–V

MAT'L: HRS  
WEIGHT: SEE CHART  
FINISH: PRIMER

PENZ PRODUCTS, INC. – STEEL DIVISION
1320 S. Merrifield Ave.   Mishawaka, IN 46544   Ph:(574) 255–4736   Fax:(574) 256–0640
## CRANK HANDLES

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**PENZ PART NUMBER**

**03-2XX-BP**

CRANK HANDLE NO YOKE

MAT'L: HRS

WT: SEE CHART

FINISH: MILL

**PENZ PART NUMBER**

**03-207-FP**

CRANK HANDLE HEX SOCKET

MAT'L: HRS

WT: 3.00#

FINISH: MILL

---

**PENZ PRODUCTS, INC. – STEEL DIVISION**

1320 S. Merrifield Ave.  Mishawaka, IN 46544  Ph:(574) 255-4736  Fax:(574) 256-0640

*05–15–19*
CRANK HANDLES

1 1/4" X 14Ga. TUBING

880 ACROSS THE FLATS

1 1/2" X 14Ga. TUBING FOR GRIP

3 3/4"

7 3/4"±1/4"

1 1/4" X 14Ga. TUBING

1 1/2" X 14Ga. TUBING FOR GRIP

PENZ PART NUMBER
03–207–WTGPC

MAT'L: HRS
WT: 2.57#
FINISH: GREY POWDER COAT

PENZ PART No. "A" DIM WEIGHT
03–250 9 5/8" 4.8#
03–250/4 13 5/8" 5.1#
03–250/15 24 5/8" 6.1#

PENZ PRODUCTS, INC. – STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255–4736 Fax:(574) 256–0640

*12–06–17
### CRANK HANDLES

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### PENZ PART NUMBER 03-7XX-H

**MAT'L: HRS**

**WT: SEE CHART**

**FINISH: PRIMER**

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### PENZ PART NUMBER 03-7XX-V

**MAT'L: HRS**

**WT: SEE CHART**

**FINISH: PRIMER**

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PENZ PRODUCTS, INC. – STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640
CRANK HANDLE KEEPERS

PENZ PART NUMBER 03-400
MAT'L: CRS
WT: .2#
FINISH: MILL

PENZ PART NUMBER 03-401
SIMILAR TO KYSOR/WESTRAN
MAT'L: SPRING STEEL
WT: .2#
FINISH: MILL

PENZ PART NUMBER 03-402
SIMILAR TO KYSOR/WESTRAN
MAT'L: SPRING STEEL
WT: .2#
FINISH: MILL

PENZ PART NUMBER 03-403
MAT'L: HRS
WT: .3#
FINISH: MILL

PENZ PART NUMBER 03-450
MAT'L: 14Ga. HRS TUBING
WT: .8#
FINISH: MILL

PENZ PART NUMBER 04-441-X
MAT'L: 100Ga. HRS TUBING
WT: SEE CHART
FINISH: PRIMER

PENZ PRODUCTS, INC. - STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640

*12-06-17
CRANK HANDLE SHAFTS

PENZ PART NUMBER
03–500
SIMILAR TO AUSTIN
MAT'L: CRS
WT: 3.3#
FINISH: MILL

PENZ PART NUMBER
03–501
SIMILAR TO AUSTIN
MAT'L: CRS
WT: 4.2#
FINISH: MILL

PENZ PART NUMBER
03–502
SIMILAR TO AUSTIN
MAT'L: CRS
WT: 2.3#
FINISH: MILL

PENZ PART NUMBER
03–503
SIMILAR TO HOMAN
MAT'L: CRS
WT: 3.3#
FINISH: MILL

PENZ PRODUCTS, INC. — STEEL DIVISION
1320 S. Merrifield Ave.  Mishawaka, IN 46544  Ph:(574) 255-4736  Fax:(574) 256-0640
CRANK HANDLE_shafts

PENZ PART NUMBER
03-512
SIMILAR TO KYSOR/WESTRAN
MAT' L: CRS
WT: 4.5#
FINISH: MILL

PENZ PART NUMBER
03-513
SIMILAR TO HOLLAND
MAT' L: CRS
WT: 3.2#
FINISH: MILL

PENZ PART NUMBER
03-514
SIMILAR TO HOLLAND
MAT' L: CRS
WT: 3.2#
FINISH: MILL

PENZ PART NUMBER
03-515
SIMILAR TO KYSOR/WESTRAN
MAT' L: CRS
WT: 3.3#
FINISH: MILL

PENZ PRODUCTS, INC. - STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640

*12-06-17
### 2–PIECE STANDARD DUTY ADJUSTABLE BRACE

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<tr>
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<td>22' - 30'</td>
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<td>04-10-56-72</td>
<td>56' - 72'</td>
<td>9.1#</td>
</tr>
<tr>
<td>04-10-72-88</td>
<td>72' - 88'</td>
<td>11.0#</td>
</tr>
<tr>
<td>04-10-88-104</td>
<td>88' - 104'</td>
<td>13.0#</td>
</tr>
</tbody>
</table>

Inner Tube, 1 1/2" O.D. X 14Ga.


Reinforced ends TYP.

\( \phi .656 \) THRU (2) PLACES.

### 2–PIECE MEDIUM DUTY ADJUSTABLE BRACE

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DIM &quot;A&quot;</th>
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</thead>
<tbody>
<tr>
<td>04-15-26-41</td>
<td>26' - 41'</td>
<td>6.5#</td>
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<tr>
<td>04-15-42-57</td>
<td>42' - 57'</td>
<td>8.8#</td>
</tr>
<tr>
<td>04-15-56-72</td>
<td>56' - 72'</td>
<td>11.1#</td>
</tr>
<tr>
<td>04-15-72-88</td>
<td>72' - 88'</td>
<td>13.5#</td>
</tr>
<tr>
<td>04-15-88-104</td>
<td>88' - 104'</td>
<td>15.9#</td>
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</table>

Inner Tube, 1 5/8" O.D. X 13Ga.

Outer Tube, 1 7/8" O.D. X 13Ga.

Reinforced ends TYP.

\( \phi .656 \) THRU (2) PLACES.

### ONE–PIECE EXTRA HEAVY DUTY BRACE

<table>
<thead>
<tr>
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<tr>
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<td>04-20-25.125</td>
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<td>02-20-28.5</td>
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<td>9.3#</td>
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<td>04-20-31</td>
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</tr>
<tr>
<td>04-20-34</td>
<td>34&quot;</td>
<td>10.9#</td>
</tr>
<tr>
<td>04-20-40</td>
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<td>12.7#</td>
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\( \phi .656 \) THRU (2) PLACES.

1 1/2" SCH. 80 PIPE

---

PENZ PRODUCTS, INC. – STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640

\*05–03–15
**ONE-PIECE SUPER HEAVY DUTY BRACE**

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<thead>
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<td>19 1/4&quot;</td>
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<td>34 5/16&quot;</td>
<td>36 9/16&quot;</td>
<td>9.82#</td>
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<td>04-25-35</td>
<td>35&quot;</td>
<td>37 1/4&quot;</td>
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<td>38 5/16&quot;</td>
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<td>39 3/16&quot;</td>
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<td>62 1/8&quot;</td>
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**ONE-PIECE BRACE**

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<tr>
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<td>26 1/4&quot;</td>
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<td>04-30-37.25</td>
<td>37 1/4&quot;</td>
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**PENZ PART NUMBER**

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<tr>
<td>MAT'L: HRS</td>
</tr>
<tr>
<td>WT: SEE CHART</td>
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<tr>
<td>FINISH: PRIMER</td>
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<table>
<thead>
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<tbody>
<tr>
<td>MAT'L: HRS</td>
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<tr>
<td>WT: SEE CHART</td>
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<tr>
<td>FINISH: PRIMER</td>
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</table>

**PENZ PRODUCTS, INC. — STEEL DIVISION**
1320 S. Merrifield Ave.  Mishawaka, IN 46544  Ph:(574) 255-4736  Fax:(574) 256-0640
## 2–PIECE HEAVY DUTY ADJUSTABLE BRACE

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DIM 'A'</th>
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<td>04-40-42-57</td>
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<td>9.3#</td>
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<tr>
<td>04-40-56-72</td>
<td>56&quot; - 72&quot;</td>
<td>11.6#</td>
</tr>
<tr>
<td>04-40-72-88</td>
<td>72&quot; - 88&quot;</td>
<td>13.5#</td>
</tr>
<tr>
<td>04-40-88-104</td>
<td>88&quot; - 104&quot;</td>
<td>15.1#</td>
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</table>

### Diagram

- Reinforced Ends TYP.

## 2–PIECE HEAVY DUTY ADJUSTABLE BRACE

<table>
<thead>
<tr>
<th>PART NUMBER</th>
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<tr>
<td>04-45-26-41</td>
<td>26&quot; - 41&quot;</td>
<td>7.2#</td>
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<td>04-45-56-72</td>
<td>56&quot; - 72&quot;</td>
<td>12.2#</td>
</tr>
</tbody>
</table>

### Diagram

- Outer Tube: 1 1/4" O.D. X 40 Pipe
- Inner Tube: 1" O.D. X 40 Pipe

## 2–PIECE SUPER HEAVY DUTY ADJUSTABLE BRACE

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DIM 'A'</th>
<th>WEIGHT</th>
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<tbody>
<tr>
<td>04-80-20-24</td>
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<td>12.0#</td>
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<tr>
<td>04-80-26-41</td>
<td>26&quot; - 41&quot;</td>
<td>13.7#</td>
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<tr>
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<td>18.1#</td>
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<tr>
<td>04-80-56-72</td>
<td>56&quot; - 72&quot;</td>
<td>25.3#</td>
</tr>
</tbody>
</table>

### Diagram

- No Weld
- 2" O.D. X .188 Pipe
- Welded All Around
- 2" O.D. X .188 Wall

---

**PENZ PRODUCTS, INC. - STEEL DIVISION**

1320 S. Merrifield Ave.  Mishawaka, IN 46544  Ph:(574) 255-4736  Fax:(574) 256-0640
NOTE: ALSO SOLD AS ASSEMBLY
PART No. 04-552/ASSY

OUTER TUBE PART No. 04-536-2
1 1/2" O.D. x 14Ga. x 36"

INNER TUBE (2 PCS) PART No. 04-552-1
1 1/4" O.D. x 14Ga. x 12"

NOTE: ALSO SOLD AS ASSEMBLY
PART No. 04-552/ASSY

OUTER TUBE PART No. 04-552-2
1 1/2" O.D. x 14Ga. x 52"

INNER TUBE (2 PCS) PART No. 04-552-1
1 1/4" O.D. x 14Ga. x 12"

HEAVY DUTY ADJUST-A-SHAFT END

PENZ PART NUMBER
04–562–1
MAT'L: 1" SCH. 40 PIPE
WT: 2.25#
FINISH: PRIMER

7/16" X 3/4" SLOT
THRU ALL

ADJUST–A–SHAFT

PENZ PRODUCTS, INC. – STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255–4736 Fax:(574) 256–0640
HEAVY DUTY ADJUST-A-SHAFT OUTER TUBE

PENZ PART NUMBER
04-562-2
MAT'L: 1 1/4" SCH.40 PIPE
WT: 9.8#
FINISH: PRIMER

ONE PIECE TURNING SHAFT

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DIM &quot;A&quot;</th>
<th>WEIGHT</th>
</tr>
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<tbody>
<tr>
<td>04-640-46</td>
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<td>6.4#</td>
</tr>
<tr>
<td>04-640-48</td>
<td>48&quot;</td>
<td>6.7#</td>
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PENZ PART NUMBER
04-640-XX
MAT'L: 1" SCH. 40 PIPE
WT: SEE CHART
FINISH: PRIMER

PENZ PART NUMBER
04-640-48C
HEAVY DUTY
MAT'L: 1" SCH. 40 PIPE
WT: 6.7#
FINISH: PRIMER

PENZ PRODUCTS, INC. - STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640
# One-Piece Turning Shaft

## Part Numbers and Dimensions

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DIM &quot;A&quot;</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>04-652-42</td>
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<tr>
<td>04-652-43</td>
<td>45 3/4&quot;</td>
<td>3.54#</td>
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<tr>
<td>04-652-55</td>
<td>55 3/4&quot;</td>
<td>4.32#</td>
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<tr>
<td>04-652-60</td>
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<td>4.66#</td>
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<tr>
<td>04-652-63.75</td>
<td>63 3/4&quot;</td>
<td>5.05#</td>
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<tr>
<td>04-652-65</td>
<td>65&quot;</td>
<td>5.14#</td>
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<tr>
<td>04-652-68</td>
<td>68 3/8&quot;</td>
<td>5.31#</td>
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<td>04-652-69</td>
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<tr>
<td>04-652-72.5</td>
<td>72 1/2&quot;</td>
<td>5.73#</td>
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<td>04-652-81</td>
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<tr>
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</table>

## One-Piece Turning Shaft Heavy Duty

<table>
<thead>
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<tbody>
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<td>04-653-82</td>
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### Notes:
- **Material:** 1 1/4" O.D. X 14Ga. HRS
- **Finish:** Primer
- **Weight:** See chart

---

**PENZ PART NUMBER**

**04-652-XX**

**Material:** 1 1/4" O.D. X 14Ga. HRS

**Finish:** Primer

**Weight:** See Chart

---

**PENZ PART NUMBER**

**04-653-XX**

**Heavy Duty**

**Material:** 1" SCH 40 Pipe

**Finish:** Primer

**Weight:** See Chart

---

**PENZ PRODUCTS, INC. - STEEL DIVISION**

1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640

*12-16-15*
JACK CONNETING PIPE

PENZ PART NUMBER
04-660-42
MAT'L: HRS
WT: 4.8#
FINISH: PRIMER

PENZ PART NUMBER
04-665-02
JACKCROSS PIPE BUSHING
MAT'L: 1 1/2"O.D. x 13Ga.HRS
WT: .3#
FINISH: PRIMER

PENZ PART NUMBER
04-670
MAT'L:TURNING SHAFT 14Ga. HRS
DRIVE PIN: CRS
WT: 4.3#
FINISH: PRIMER
# SAND SHOE QUICK FIND LISTING

<table>
<thead>
<tr>
<th>SHOE PROFILE</th>
<th>BASE SIZE</th>
<th>BASE THICKNESS</th>
<th>SIDE THICKNESS</th>
<th>SIDE TYPE</th>
<th>GUSSET</th>
<th>PART NUMBER</th>
<th>COMMENTS</th>
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PENZ PRODUCTS, INC. – STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph: (574) 255-4736 Fax: (574) 256-0640

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PENZ PRODUCTS, INC. – STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640

*08-11-15*
## SAND SHOE QUICK FIND LISTING

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QUICK FIND LIST

SAND SHOES

02

SIDES - 1/4" HRS W/PIPES
BASE - 7Ga. HRS
NO GUSSET

03

SIDES - 7Ga. HRS W/PATCH
BASE - 7Ga. HRS
DOUBLE GUSSET

04

PENZ PART NUMBER
05-306

HEAVY DUTY
MAT'L: HRS
WT: 14.8#
FINISH: PRIMER

05

PENZ PART NUMBER
05-307

LOW PROFILE
MAT'L: HRS
WT: 12.8#
FINISH: PRIMER

06

PENZ PART NUMBER
05-308

MAT'L: HRS
WT: 13.0#
FINISH: PRIMER

07

PENZ PART NUMBER
05-309

MAT'L: HRS
WT: 14.6#
FINISH: PRIMER

08

PENZ PART NUMBER
05-310

LOW PROFILE
MAT'L: HRS
WT: 8.6#
FINISH: PRIMER

09

PENZ PART NUMBER
05-311

LOW PROFILE
MAT'L: HRS
WT: 11.5#
FINISH: PRIMER

10

THIS ITEM NO LONGER IN PRODUCTION. SEE PART NO. 05-346 FOR REPLACEMENT.

11

LOW PROFILE
MAT'L: HRS
WT: 11.5#
FINISH: PRIMER

12
**SAND SHOES**

- **SIDES - 1/4" HRS W/PATCH**
  - BASE - 7Ga. HRS
  - SINGLE GUSSET
  - **PENZ PART NUMBER** 05–330
  - STANDARD
  - MAT'L: HRS
  - WT: 12.4#
  - FINISH: PRIMER

- **SIDES - 1/4" HRS FLAIR**
  - BASE - 7Ga. HRS
  - SINGLE GUSSET
  - **PENZ PART NUMBER** 05–331
  - STANDARD
  - MAT'L: HRS
  - WT: 12.0#
  - FINISH: PRIMER

- **SIDES - 1/4" HRS W/O PATCH**
  - BASE - 1/4" HRS
  - SINGLE GUSSET
  - **PENZ PART NUMBER** 05–332
  - STANDARD
  - MAT'L: HRS
  - WT: 14.2#
  - FINISH: PRIMER

- **SIDES - 3/8" HRS W/O PATCH**
  - BASE - 1/4" HRS
  - SINGLE GUSSET
  - **PENZ PART NUMBER** 05–333
  - HEAVY DUTY LOW PROFILE
  - MAT'L: HRS
  - WT: 14.0#
  - FINISH: PRIMER

- **SIDES - 3/8" HRS W/O PATCH**
  - BASE - 1/4" HRS
  - DOUBLE GUSSET
  - **PENZ PART NUMBER** 05–334
  - HEAVY DUTY STANDARD
  - MAT'L: HRS
  - WT: 22.5#
  - FINISH: PRIMER

- **SIDES - 1/4" HRS W/O PATCH**
  - BASE - 1/4" HRS
  - SINGLE GUSSET
  - **PENZ PART NUMBER** 05–335
  - FRUEHAUF STYLE
  - MAT'L: HRS
  - WT: 18.1#
  - FINISH: PRIMER

**PENZ PRODUCTS, INC. - STEEL DIVISION**
1320 S. Merrill Ave.  Mishawaka, IN 46544  Ph:(574) 255–4736  Fax:(574) 256–0640

*03–25–15*
SAND SHOES

**QUICK FIND LIST**

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**SIDES - 1/4" HRS W/PATCH**
**BASE - 1/4" HRS**
**NO GUSSET**

**SIDES - 1/4" HRS FLAIR**
**BASE - 1/4" HRS**
**SINGLE GUSSET**

**SIDES - 1/4" HRS FLAIR**
**BASE - 1/4" HRS**
**DOUBLE GUSSET**

**SIDES - 1/4" HRS W/O PATCH**
**BASE - 1/4" HRS**
**NO GUSSET**

**SIDES - 7Ga. HRS W/PATCH**
**BASE - 7Ga. HRS**
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**STANDARD**
**OVERSIZE LOW PROFILE**

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**MAT'L: HRS**
**MAT'L: HRS**

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**WT: 11.7#**

**WT: 17.5#**
**WT: 17.6#**

**FINISH: PRIMER**
**FINISH: PRIMER**
**FINISH: PRIMER**

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PENZ PRODUCTS, INC. – STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640

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<tr>
<td><img src="image2.png" alt="Diagram" /></td>
<td>BASE - 1/4&quot; HRS</td>
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<tr>
<td><img src="image3.png" alt="Diagram" /></td>
<td>DOUBLE GUSSET</td>
</tr>
<tr>
<td>PENZ PART NUMBER</td>
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</tr>
<tr>
<td>OVERSIZED HEAVY DUTY</td>
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</tr>
<tr>
<td>MAT'L: HRS</td>
<td></td>
</tr>
<tr>
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<td><img src="image4.png" alt="Diagram" /></td>
<td>SIDES - 4Ga. HRS FLAIR</td>
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<tr>
<td><img src="image5.png" alt="Diagram" /></td>
<td>BASE - 7Ga. HRS</td>
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<td><img src="image6.png" alt="Diagram" /></td>
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</tr>
<tr>
<td>SIMILAR TO K/W</td>
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</tr>
<tr>
<td>MAT'L: HRS</td>
<td></td>
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<td>WT: 9.3#</td>
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<td><img src="image7.png" alt="Diagram" /></td>
<td>SIDES - 7Ga. HRS FLAIR</td>
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<td><img src="image8.png" alt="Diagram" /></td>
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<td><img src="image9.png" alt="Diagram" /></td>
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<td><img src="image10.png" alt="Diagram" /></td>
<td>SIDES - 1/4&quot; HRS W/O PATCH</td>
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<td><img src="image11.png" alt="Diagram" /></td>
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<td><img src="image12.png" alt="Diagram" /></td>
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<tr>
<td>SIMILAR TO MILLER</td>
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</tr>
<tr>
<td>MAT'L: HRS</td>
<td></td>
</tr>
<tr>
<td>WT: 31.0#</td>
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<td><img src="image13.png" alt="Diagram" /></td>
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<td><img src="image14.png" alt="Diagram" /></td>
<td>BASE - 7Ga. HRS</td>
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<tr>
<td><img src="image15.png" alt="Diagram" /></td>
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<td>PENZ PART NUMBER</td>
<td>05–352</td>
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<tr>
<td>OVERSIZED STANDARD</td>
<td></td>
</tr>
<tr>
<td>MAT'L: HRS</td>
<td></td>
</tr>
<tr>
<td>WT: 19.5#</td>
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<td><img src="image18.png" alt="Diagram" /></td>
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<td>PENZ PART NUMBER</td>
<td>05–353</td>
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<tr>
<td>OVERSIZED LOW PROFILE</td>
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<tr>
<td>MAT'L: HRS</td>
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<td>WT: 25.5#</td>
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PENZ PRODUCTS, INC. – STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255–4736 Fax:(574) 256–0640

*03–26–15*
## SAND SHOES

<table>
<thead>
<tr>
<th>Diagram</th>
<th>Dimensions</th>
<th>Details</th>
</tr>
</thead>
</table>
| ![Diagram 1](image1.png) | SIDES - 1/4" HRS W/PATCH | BASE - 7Ga. HRS  
NO GUSSET  
PENZ PART NUMBER  
05–375  
STANDARD PROFILE  
MAT'L: HRS  
WT: 20.0#  
FINISH: PRIMER |
| ![Diagram 2](image2.png) | SIDES - 1/4" HRS W/O PATCH | BASE - 7Ga. HRS  
NO GUSSET  
PENZ PART NUMBER  
05–376  
LOW PROFILE  
MAT'L: HRS  
WT: 22.0#  
FINISH: PRIMER |
| ![Diagram 3](image3.png) | SIDES - 1/4" HRS W/patch | BASE - 7Ga. HRS  
SINGLE GUSSET  
PENZ PART NUMBER  
05–377  
STANDARD PROFILE  
MAT'L: HRS  
WT: 23.2#  
FINISH: PRIMER |
| ![Diagram 4](image4.png) | SIDES - 1/4" HRS W/O PATCH | BASE - 7Ga. HRS  
NO GUSSET  
PENZ PART NUMBER  
05–378  
STANDARD PROFILE  
MAT'L: HRS  
WT: 27.16#  
FINISH: PRIMER |
| ![Diagram 5](image5.png) | SIDES - 7Ga. HRS W/O PATCH | BASE - 7Ga. HRS  
DOUBLE GUSSET  
PENZ PART NUMBER  
05–379  
HIGH PROFILE  
MAT'L: HRS  
WT: 15.54#  
FINISH: PRIMER |
| ![Diagram 6](image6.png) | SIDES - 1/4" HRS W/O PATCH | BASE - 1/4" HRS  
DOUBLE GUSSET  
PENZ PART NUMBER  
05–380  
STANDARD PROFILE  
MAT'L: HRS  
WT: 22.22  
FINISH: PRIMER |

---

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*03—05—18*
DOLLY WHEELS

PENZ PART NUMBER  
05-900
WITHOUT CENTER PLATE
MAT'L: HRS
WT: 7.2#  
FINISH: PRIMER

3 1/16"

PENZ PART NUMBER  
05-901
WITH CENTER PLATE
MAT'L: HRS
WT: 8.2#  
FINISH: PRIMER

3 1/8"

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*04-22-15
**AXLE KITS**

---

**PENZ PART NUMBER**

**06-345**

- **AXLE HOUSING T-STAMP**
- **MAT'L**: HRS
- **WT**: 3.0#
- **FINISH**: PRIMER

**PENZ PART NUMBER**

**06-400**

- **AXLE KIT STANDARD DUTY TUBE**
- **MAT'L**: 1 1/2" SCH 40
- **WT**: 2.3#
- **FINISH**: PRIMER

**PENZ PART NUMBER**

**06-401**

- **AXLE KIT STANDARD DUTY TUBE**
- **MAT'L**: 1 1/2" SCH 40
- **WT**: 2.3#
- **FINISH**: PRIMER

---

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---

*05–11–15*
COTTER PIN
PART No. 06-400-A/R
(OPTIONAL)

WASHER
PART No. 06-400-B

SPLIT ROLL PIN
PART No. 06-400-C/R
(STANDARD)

16"

15 3/8"

WASHER
PART No. 06-400-B

COTTER PIN
PART No. 06-400-A/R
(OPTIONAL)

SPLIT PIN
PART No. 06-400-C/R
(STANDARD)

17/8"

.406 THRU

FINISH:
SOLID AXLE KIT

WT: 12.4#

MAT'L: HRS

PENZ PART NUMBER
06-447

16"

15 3/8"

.406 THRU

FINISH:
SOLID AXLE KIT

WT: 6.7#

MAT'L: HRS

PENZ PART NUMBER
06-448

16"

15 3/8"

.377 THRU

FINISH:
SOLID AXLE KIT

WT: 6.7#

MAT'L: HRS

PENZ PART NUMBER
06-449

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*06–18–15
**AXLE KITS**

**PENZ PART NUMBER**

06-450

SOLID AXLE KIT

MAT’L: HRS

WT: 7.0#

FINISH: PRIMER

---

06-450/ASSY

SOLID AXLE CAP KIT ASSEMBLED

MAT’L: HRS

WT: 7.0#

FINISH: PRIMER

---

3/8-16 NUT

PART NO. 17-07/R

LOCKING CLIP

PART NO. 06-422-B

3/8-16 BOLT

PART NO. 17-28/R

8 5/8”

8”

Ø 1 7/8”

Ø .438 THRU

---

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*06-18-15*
MUD FLAP BRACKETS

SLOT "A" = .406" x 2" (10 PLCS)
SLOT "B" = .406" x 1 5/8" (8 PLCS)

SLOT "A" = .406" x 2" (5 PLCS)
SLOT "B" = .406" x 1 5/8" (4 PLCS)

PENZ PART NUMBER
07–50
SIM TO FLEET ENG./BUFFERS
MAT'L: 11Ga. HRS
WT: 3.4#
FINISH: PRIMER

PENZ PART NUMBER
07–50–1
RETAINTER STRIP
SIM TO FLEET ENG./BUFFERS
MAT'L: 11Ga. HRS
WT: 1.4#
FINISH: PRIMER

PENZ PART NUMBER
07–51
SIMILAR TO BUFFERS
MAT'L: 7Ga. HRS
WT: 6.3#
FINISH: PRIMER

PENZ PRODUCTS, INC. – STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255–4736 Fax:(574) 256–0640
04–02–15 07–01
MUD FLAP BRACKETS

PART No. 07-52-NS
PART W/ NO SLOTS ALSO AVAILABLE

SLOT "A" = .406" x 2" (5 PLCS)
SLOT "B" = .406" x 1 5/8" (4 PLCS)

PENZ PART NUMBER
07–52

MAT'L: 11Ga. HRS
WT: 14.0#
FINISH: PRIMER

PENZ PART NUMBER
07–53

SIMILAR TO MAERSK
MAT'L: 11Ga. HRS
WT: 1.2#
FINISH: PRIMER

PENZ PART NUMBER
07–54

SIMILAR TO AJAX
MAT'L: 11Ga. HRS
WT: 2.5#
FINISH: PRIMER
RECESSED CORNER POST HANDHOLDS

PENZ PART NUMBER
08-01

MAT'L: HRS
WT: 15.5#
FINISH: PRIMER

PENZ PART NUMBER
08-01-SS

MAT'L: STAINLESS STEEL
WT: 15.7#
FINISH: SS

PENZ PRODUCTS, INC. – STEEL DIVISION
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RETRACTABLE STEP ASSEMBLIES

FRAME E-COATED BLACK

FRAME E-COATED BLACK

13/32" X 1 1/2" SLOT THRU (8) PLACES

OVERALL EXTENDED POSITION

RETRACTED POSITION

STEPS POWDER COATED RED

PART No. MATERIAL
08-02 STEEL
08-02/ALUM ALUMINUM
08-02/GALV GALVANIZED
08-02/SS STAINLESS STEEL

WT: 40.4#
RETRACTABLE STEP ASSEMBLIES

OVERALL EXTENDED POSITION

RETRACTED POSITION

PENZ PART NUMBER
08-03

08-03
RETRACTABLE STEP ASSEMBLIES

FRAME E-COATED
BLACK

STEPS POWDER COATED
RED

OVERALL EXTENDED POSITION

RETRACTED POSITION

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*03–31–20

PENZ PART NUMBER
08–04

MAT’L: HR5
WT: 40.0#
FINISH: PRIMER/POWDER COAT
CAPACITY: 500 lb.
RECESSED CORNER POST HANDHOLDS

PENZ PART NUMBER
08-06-SS

MAT'L: STAINLESS STEEL
WT: 5.2#
FINISH: S.S.

2 1/2"
3 7/8"
1"
14"
12"

PENZ PART NUMBER
08-07

MAT'L: HRS
WT: 10.4#
FINISH: PRIMER

2 1/2"
2 13/16"

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*04–30–15
RECESSED CORNER POST HANDHOLDS

PENZ PART NUMBER 08–07–SS
MAT'L: STAINLESS STEEL
WT: 10.4#
FINISH: S.S.

PENZ PART NUMBER 08–08
MAT'L: HRS
WT: 15.5#
FINISH: PRIMER

PENZ PRODUCTS, INC. – STEEL DIVISION
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RETRACTABLE PLATFORM

RETRACTED POSITION

EXTENDED POSITION

47 11/16" INNER FRAME

33 1/4" INSIDE FRAME

34" OUTSIDE FRAME

46 1/2" OUTER FRAME

21 1/4"

17"

3 7/8" O.F.

PENZ PART NUMBER

08-10

SIZE: 33" x 26"
MAT'L: HRS
WT: 78.5#
FINISH: GRAY PAINTED

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RETRACTABLE PLATFORM

EXTENDED POSITION

27 1/4"

21"

33" OUTER FRAME
30 1/4" INNER FRAME
31" OUTER FRAME

7" I.F.
9 15/16" O.F.
4 1/8"

LEFT HAND SHOWN
PART No. 08-11-LH
RIGHT HAND OPPOSITE
PART No. 08-11-RH

PENZ PART NUMBER
08-11-XX

SIZE: 30" x 21"
MAT'L: HRS
WT: 44.0#
FINISH: GRAY PAINTED

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*04–30–15
RECESSED CORNER POST HANDHOLDS

**PENZ PART NUMBER**

**08-14**

**MAT'L:** HRS  
**WT:** 21.9#  
**FINISH:** PRIMER

---

**PENZ PART NUMBER**

**08-14-SS**

**MAT'L:** STAINLESS STEEL  
**WT:** 22.4#  
**FINISH:** SS
RETRACTABLE PLATFORM

39" OUTER FRAME
47 11/16" INNER FRAME
46 1/2" OUTER FRAME

33 1/4" INSIDE FRAME
34" OUTSIDE FRAME
1/2"
1/2"
17"

4 5/8" O.F.

PENZ PART NUMBER
08-16

SIZE: 33" x 26"
MAT'L: HRS
WT: 83.0#
FINISH: PRIMER

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*05–01–15

08–14
**STEP SUB-ASSEMBLY**

**PENZ PART NUMBER 08-18**

SIMILAR TO UTILITY
MAT'L: HRS
WT: 8.0#
FINISH: PRIMER

**PENZ PART NUMBER 08-18-KIT**

SIMILAR TO UTILITY
MAT'L: HRS
WT: 6.3#
FINISH: PRIMER

**KIT:**
PART No. 35-02-KIT/BAG
8" x 8" PLASTI BAG
PART No. 08-18/40 ROD- STOP
(2 PARTS) SHIPTS LOOSE IN BAG

---

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*05–01–15*
STEP SUB-ASSEMBLY / ACCESS HATCHES

PENZ PART NUMBER
08–19
MAT'L: HRS
WT: 7.5#
FINISH: PRIMER

PENZ PART NUMBER
08–20
ACCESS HATCH
MAT'L: HRS
WT: PER SIZE
FINISH: PRIMER

DIM. SPECIFY DIM.

X

Y

Z

CUSTOMER STATE DIM.
## GRAB HANDLES

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<tr>
<th>PART No.</th>
<th>DIM &quot;A&quot;</th>
<th>DIM &quot;B&quot;</th>
<th>DIM &quot;C&quot;</th>
<th>WEIGHT</th>
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<td>17 1/32&quot;</td>
<td>12&quot;</td>
<td>1.97#</td>
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<td>25 3/4&quot;</td>
<td>26 17/32&quot;</td>
<td>21 1/2&quot;</td>
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<td>29 1/32&quot;</td>
<td>24&quot;</td>
<td>3.04#</td>
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<td>41 17/32&quot;</td>
<td>36 1/2&quot;</td>
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</table>

**DIM "A"**

1 1/4"

**DIM "B"**

2 29/32"

**DIM "C"**

2 5/16"  THRU (4) PLCS

**DIM "A"**

3/4" TYP.

**5/16"**

**5/8"**

---

**SEE CHART**

**STAINLESS STEELMAT'L:**

**WT:** SEE CHART

**PENZ PART NUMBER**

08–21–XX

**SIMILAR TO WABASH**

**MAT'L:** STAINLESS STEEL

**WT:** SEE CHART

---

**PENZ PRODUCTS, INC. – STEEL DIVISION**

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*07–21–15*
RETRACTABLE STEP ASSEMBLIES

PART No. MATERIAL
08-22 STEEL
08-22/ALUM ALUMINUM
08-22/GALV GALVANIZED
08-22/SS STAINLESS STEEL

STEPS POWDER COATED RED
FRAME E-COATED BLACK

13/32" X 1 1/2" SLOT THRU (8) PLACES.

OVERALL EXTENDED POSITION

OVERALL RETRACTED Position

MAT'L: HRS
WT: 45.58#
FINISH: POWDER COAT/PRIMER
CAPACITY: 500 lb.
RECESSED CORNER POST HANDHOLDS

PENZ PART NUMBER
08-24

MAT'L: HRS
WT: 21.9#
FINISH: PRIMER

PENZ PART NUMBER
08-24-SS

MAT'L: STAINLESS STEEL
WT: 22.4#
FINISH: SS
STEP SUB-ASSEMBLY RETRACTABLE STEP ASSEMBLIES

PENZ PART NUMBER
08–25

SIMILAR TO GREAT DANE
MAT'L: HRS
WT: 8.28#
FINISH: PRIMER

13 1/8"  20 5/8"
9/16"  9/16"
3/4"
RETRACTABLE STEP ASSEMBLIES

FRAME E-COATED BLACK

STEPS POWDER COATED RED

13/32" X 1 1/2" SLOT THRU (8) PLACES

OVERALL EXTENDED POSITION

MAT'L: HRS
WT: 49.02#
FINISH: POWDER COAT/E-COATING
CAPACITY: 500 lb.
STORAGE BOX

PENZ PART NUMBER
08-34AL

MAT'L: ALUMINUM
WT: 65.19#
FINISH: N/A

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*01-14-16
FRAME E-COATED BLACK

STEPS POWDER COATED RED

OVERALL EXTENDED POSITION

RETRACTED POSITION

PENZ PART NUMBER
08-35-SS

MAT'L: STAINLESS
WT: 34.92#
FINISH: POWDER COAT
CAPACITY: 500 lb.

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08—31
JACK STAND BOX

PENZ PART NUMBER
08-39/SS

MAT'L: STAINLESS STEEL / ALUMINUM
WT: 158.23#
FINISH: GALVANIZED HARDWARE

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08-33
RETRACTABLE STEP ASSEMBLIES

E-COATED

POWDER COAT RED

( OPEN POSITION )

( CLOSED POSITION )

14"

12 7/8"

115°

19 1/16"

22 1/4"

20"

08-40

PENZ PART NUMBER

ACCESS STEP

MAT'L: HRS

WT: 19.76#

FINISH: E-COATING/POWDERCOAT

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RETRACTABLE STEP ASSEMBLIES

FRAME E-COATED BLACK

13/32" X 1 1/2" SLOT THRU (8) PLACES

STEPS POWDER COATED RED

OVERALL EXTENDED POSITION

RETRACTED POSITION

PENZ PART NUMBER 08-42
MAT'L: HRS
WT: 36.86#
FINISH: E-COATING/POWDER COAT
CAPACITY: 500 lb.
RETRACTABLE STEP ASSEMBLIES

FRAME E-COATED BLACK

STEPS POWDER COATED RED

OVERALL EXTENDED POSITION

RETRACTED POSITION

PENZ PART NUMBER

08-44

MAT'L: HRS
WT: 45.79#
FINISH:E-COATING/POWDER COAT
CAPACITY: 500 lb.
# TIRE CARRIER

TIRE CARRIER SHOWN FULLY ASSEMBLED FOR CLARITY

---

**ITEMS TO BE SHIPPED LOOSE IN PLASTIC BAG**

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<tr>
<th>ITEM NO.</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY.</th>
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<tr>
<td>1</td>
<td>09-01/10</td>
<td>U-FRAME TIRE CARRIER WELDMENT</td>
<td>1</td>
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<tr>
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<td>L-FRAME TIRE CARRIER WELDMENT</td>
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<tr>
<td>3</td>
<td>17-06/R</td>
<td>WASHER, USS FLAT, SIZE 3/8</td>
<td>8</td>
</tr>
<tr>
<td>4</td>
<td>17-07/R</td>
<td>3/-16 LOCKNUT</td>
<td>9</td>
</tr>
<tr>
<td>5</td>
<td>17-41/R</td>
<td>BOLT, HEX HEAD 3/8 X 3/4, GRD. 5 Z.P.</td>
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<tr>
<td>6</td>
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<tr>
<td>7</td>
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<td>CHAIN_188_48</td>
<td>CHAIN 3/16 GR30 WELDED LINK 48&quot; LONG</td>
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</table>

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*SHIPPED UNASSEMBLED WITH BRACKETS WELDED ON MAT'L: HRS WT: 25# FINISH: PRIMER

---

PENZ PRODUCTS, INC. – STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640

*08–12–15*
**TIRE CARRIER**

**Diagram: TIRE CARRIER**

- **Weld Item #4 to Item #3 at dimension shown and flush with the edge along these (2) edges.**
- **Item #8 to be welded flush along top and 1/2" in from the edge.**
- **Items #2 & #4 to be wire tied together for shipping.**
- **Items to be shipped loose in plastic bag.**

**Item #8 to be welded flush along these (2) edges.**

**Item #9 to be welded flush.**

**Shipped loose in bag.**

**Shipped loose in bag.**

**Shipped loose in bag.**

**Shipped loose in bag.**

**Shipped loose in bag.**

**Shipped loose in bag.**

**Shipped loose in bag.**

**Shipped loose in bag.**

---

**Item No.** | **Part Number** | **Description** | **QTY.**
--- | --- | --- | ---
1 | 09-01/15/NF | U-FRAME, TIRE CARRIER | 1
2 | 09-01/40/NF | MOUNTING BRACKET PAINTED | 3
3 | 09-01/25/NF | L-FRAME, TIRE CARRIER | 1
4 | 09-01/30/NF | CONNECTING PLATE | 1
5 | 17-06/R | WASHER, USS FLAT, SIZE 3/8 | 8
6 | 17-07/R | 3/8-16UNC LOCKNUT | 9
7 | 17-41/R | BOLT, HEX HD 3/8 X 3/4 | 8
8 | 17-43/R | BOLT, HEX HEAD 3/8 X 1, GRD. 5 Z.P. | 1
9 | 17-59/R | QUICK LINK 1/4" | 1
10 | 188/48 | CHAIN 3/16 GR30 WELDED LINK 48" LONG | 1

---

**PENZ PART NUMBER**

**09-02**

**SHIPPED UNASSEMBLED**

**MAT'L: HRS**

**WT: 25.0#**

**FINISH: PRIMER**

**PENZ PRODUCTS, INC. - STEEL DIVISION**

1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640

---

*08-19-15*
### TIRE CARRIER

* TIRE CARRIER SHOWN FULLY ASSEMBLED FOR CLARITY

* ITEMS TO BE SHIPPED LOOSE IN PLASTIC BAG

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* SHIPPED UNASSEMBLED

MAT'L: HRS  
WT: 18.5#  
FINISH: PRIMER

1320 S. Merrifield Ave.  Mishawaka, IN 46544  Ph:(574) 255-4736  Fax:(574) 256-0640

PENZ PRODUCTS, INC. – STEEL DIVISION

*08–20–15
## TIRE CARRIER BRACKETS

### PENZ PART NUMBER 09-05-1
TIRE CARRIER MOUNTING BRACKET
MAT'L: HRS
WT: .31#
FINISH: PRIMER

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### PENZ PART NUMBER 09-05-2
TIRE CARRIER MOUNTING BRACKET
MAT'L: HRS
WT: 1.43#
FINISH: PRIMER

### PENZ PART NUMBER 09-05-KIT
TIRE CARRIER MOUNTING KIT
MAT'L: SEE DETAILS
WT: 5.4#
FINISH: SEE DETAILS

---

**PENZ PRODUCTS, INC. - STEEL DIVISION**

1320 S. Merrifield Ave.  Mishawaka, IN 46544  Ph:(574) 255-4736  Fax:(574) 256-0640

*10–26–18*
NOTES:
1. ALUMINUM
   MILL FINISH STANDARD
   WHITE PAINTED ALUM. OPTIONAL
2. HARDWARE - 300 SERIES S.S.
3. GASKET - FOAM
4. CLIP - NICKEL PLATED STEEL
5. RIVETS - STAINLESS STEEL
6. LOGO - OPTIONAL

PENZ PART NUMBER
10-01

MAT'L: NOTED
WT: 1.0#

8 11/32”
13 11/32”
(1 3/8”)

PENZ PART NUMBER
10-02

MAT'L: NOTED
WT: 1.0#

8 11/32”
13 11/32”
(1 3/8”)

8 11/32”
13 11/32”
(1 3/8”)

NOTES:
1. ALUMINUM
   MILL FINISH STANDARD
   WHITE PAINTED ALUM. OPTIONAL
2. HARDWARE - 300 SERIES S.S.
3. GASKET - FOAM
4. CLIP - NICKEL PLATED STEEL
5. RIVETS - STAINLESS STEEL
6. LOGO - OPTIONAL

PENZ PART NUMBER
10-03

MAT'L: NOTED
WT: 1.1#

PENZ PART NUMBER
10-04

MAT'L: NOTED
WT: 1.0#
NOTES:
1. ALUMINUM MILL FINISH STANDARD
   WHITE PAINTED ALUM. OPTIONAL
2. HARDWARE - 300 SERIES S.S.
3. GASKET - FOAM
4. CLIP - NICKEL PLATED STEEL
5. RIVETS - STAINLESS STEEL
6. LOGO - OPTIONAL

ADD TO ANY BOX
ADHESIVE BACK ZIPPER BAG, 4" x 6"

MANIFEST BOX HARDWARE

PENZ PART NUMBER
10-05
REVERSE HINGE
MAT'L: NOTED
WT: .01#

PENZ PART NUMBER
10-XXCH
ZIPPER BAG CARD HOLDER
MAT'L: PLASTIC
WT: .06#
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<th>RISER PART #</th>
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*PENZ PRODUCTS, INC. – STEEL DIVISION*
1320 S. Merrifield Ave.    Mishawaka, IN 46544    Ph:(574) 255-4738    Fax:(574) 256-0640
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**PENZ PRODUCTS, INC. - STEEL DIVISION**

1320 S. Merrifield Ave.  Mishawaka, IN 46544  Ph:(574) 255-4736  Fax:(574) 256-0640
THE FOLLOWING (9) PAGES CONTAIN SAMPLES OF TWIST LOCKS.

PLEASE MAKE COPIES OF THESE SHEETS WHEN ORDERING: FILL IN ALL INFORMATION TO HELP WITH QUOTING, ENGINEERING AND MANUFACTURING.

IF YOU DO NOT FIND A SAMPLE THAT IS CLOSE TO WHAT YOU NEED, USE SAMPLE SHEET (15-WORKSHEET-02) AND DESIGN YOUR OWN.
TWIST LOCK WORKSHEETS

TWIST LOCK TYPE:
- FORGED (SHOWN)
- WELDED

SAMPLE DETAIL

TWIST LOCK TYPE:
- FORGED
- WELDED SHOWN
TWIST LOCK WORKSHEETS

TWIST LOCK TYPE:
- FORGED (SHOWN)
- WELDED

SAMPLE DETAIL

PENZ PRODUCTS, INC. - STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640

*8–22–15
TWIST LOCK WORKSHEETS

Right hand shown

Twist lock type:
- Forged shown
- Welded

Sample detail

PENZ PRODUCTS, INC. – STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255–4736 Fax:(574) 256–0640
TWIST LOCK WORKSHEETS

TWIST LOCK TYPE:
- FORGED SHOWN
- WELDED

RIGHT HAND SHOWN

SAMPLE DETAIL

TWIST LOCK TYPE:
- FORGED SHOWN
- WELDED

SAMPLE DETAIL
TWIST LOCKS

**PENZ PART NUMBER**

- **15-07-XX**
  - Similar to Continental
  - Material: HRS
  - Weight: 4.0#
  - Finish: Primer

- **15-08**
  - Similar to Continental and Strick
  - Material: HRS
  - Weight: 3.8#
  - Finish: Primer

- **15-09**
  - Similar to Trailco
  - Material: HRS
  - Weight: 6.7#
  - Finish: Primer

- **15-10-A**
  - Similar to Brown, Dunham
  - Material: HRS
  - Weight: 8.2#
  - Finish: Primer

**PENZ PRODUCTS, INC. - STEEL DIVISION**

1320 S. Merrifield Ave.  Mishawaka, IN 46544  Ph:(574) 255-4736  Fax:(574) 256-0640
QUICK FIND LIST

TWIST LOCKS

PENZ PART NUMBER
15-10-B

MAT'L: HRS
WT: 8.5#
FINISH: PRIMER

PENZ PART NUMBER
15-11

MAT'L: HRS
WT: 6.5#
FINISH: PRIMER

PENZ PART NUMBER
15-11-A

SIMILAR TO DORSEY
MAT'L: HRS
WT: 6.5#
FINISH: PRIMER

PENZ PART NUMBER
15-12

SIMILAR TO BUDD, GINDY
MAT'L: HRS
WT: 8.5#
FINISH: PRIMER

PENZ PRODUCTS, INC. - STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640

*05-05-15
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**PENZ PRODUCTS, INC. - STEEL DIVISION**
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640
TWIST LOCKS

PENZ PART NUMBER
15–14–G
MAT'L: HRS
WT: 8.4#
FINISH: PRIMER

PENZ PART NUMBER
15–15
SIMILAR TO HIGHWAY
MAT'L: HRS
WT: 6.6#
FINISH: PRIMER

PENZ PART NUMBER
15–15–A
SIMILAR TO HIGHWAY
MAT'L: HRS
WT: 6.5#
FINISH: PRIMER

RIGHT AND SHOWN:
PART No. 15-16-RH
LEFT HAND OPPOSITE:
PART No. 15-16-LH

PENZ PART NUMBER
15–16–XX
SIMILAR TO UTILITY
MAT'L: HRS
WT: 4.8#
FINISH: PRIMER

PENZ PRODUCTS, INC. – STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640

05-06-15
TWIST LOCKS

QUICK FIND LIST

RIGHT HAND SHOWN:
PART No. 15-17-RH
LEFT HAND OPPOSITE:
PART No. 15-17-LH
HANDLE PART No. 20-44

PENZ PART NUMBER
15-17-XX

SIMILAR TO STRICK
MAT'L: HRS
WT: 5.1#
FINISH: PRIMER

WELDED CONSTRUCTION AVAILABLE:
PART No. 15-17W-XX

RIGHT HAND SHOWN:
PART No. 15-18-RH
LEFT HAND OPPOSITE:
PART No. 15-18-LH

PENZ PART NUMBER
15-18-XX

SIMILAR TO BUDD
MAT'L: HRS
WT: 4.2#
FINISH: PRIMER

WELDED CONSTRUCTION AVAILABLE:
PART No. 15-18W-XX

PENZ PART NUMBER
15-19

SIMILAR TO UTILITY
MAT'L: HRS
WT: 3.8#
FINISH: PRIMER

WELDED CONSTRUCTION AVAILABLE:
PART No. 15-19W

RIGHT HAND SHOWN:
PART No. 15-20-RH
LEFT HAND OPPOSITE:
PART No. 15-20-LH

PENZ PART NUMBER
15-20-XX

SIMILAR TO TRAILMOBILE
MAT'L: HRS
WT: 3.9#
FINISH: PRIMER

WELDED CONSTRUCTION AVAILABLE:
PART No. 15-20/W-XX

PENZ PRODUCTS, INC. - STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640
TWIST LOCKS

PENZ PART NUMBER
15–36–B
MAT'L: HRS
WT: 5.0#
FINISH: PRIMER

HANDLE PART No. 20-20

RIGHT HAND SHOWN:
PART No. 15-37-RHF
LEFT HAND OPPOSITE:
PART No. 15-37-LHF

PENZ PART NUMBER
15–37–XXF
SIMILAR TO TRAILMOBILE, BUDD
MAT'L: HRS
WT: 3.8#
FINISH: PRIMER

WELDED CONSTRUCTION AVAILABLE:
PART No. 15-37W-XX

RIGHT HAND SHOWN:
PART No. 15-38-RH
LEFT HAND OPPOSITE:
PART No. 15-38-LH

PENZ PART NUMBER
15–38–XX
SIMILAR TO TRAILMOBILE, BUDD
MAT'L: HRS
WT: 4.0#
FINISH: PRIMER

RIGHT HAND SHOWN:
PART No. 15-37-RH
LEFT HAND OPPOSITE:
PART No. 15-37-LH

PENZ PART NUMBER
15–39–XX
SIMILAR TO UTILITY
MAT'L: HRS
WT: 4.0#
FINISH: PRIMER

WELDED CONSTRUCTION AVAILABLE:
PART No. 15-39W-XX

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05–11–15
**QUICK FIND LIST**

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**TWIST LOCKS**

**HANDLE PART No. 20-12, 20-13**

RISER PART No. 21-24

WELDED CONSTRUCTION AVAILABLE:
- PART No. 15-45W-XX

**RISER PART No. 21-11**

WELDED CONSTRUCTION AVAILABLE:
- PART No. 15-47W-XX

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TWIST LOCKS

**PENZ PART NUMBER 15-48**
SIMILAR TO HIGHWAY
MAT'L: HRS
WT: 6.6#
FINISH: PRIMER

**PENZ PART NUMBER 15-49-XX**
SIMILAR TO ALLIED
MAT'L: HRS
WT: 6.5#
FINISH: PRIMER

**PENZ PART NUMBER 15-50**
SIMILAR TO DORSEY
MAT'L: HRS
WT: 5.5#
FINISH: PRIMER

**PENZ PART NUMBER 15-51**
SIMILAR TO FRUEHAUF
MAT'L: HRS
WT: 7.6#
FINISH: PRIMER

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*05–12–15*
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**RIGHT HAND SHOWN:**
PART NO. 15-55-RH

**LEFT HAND OPPOSITE:**
PART NO. 15-55-LH

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TWIST LOCKS

PENZ PART NUMBER
15-60
SIMILAR TO SUNBOLT
MAT'L: STAINLESS STEEL
WT: 8.3#
FINISH: S.S.

0.500 THRU

PENZ PART NUMBER
15-61
SIMILAR TO BUDD
MAT'L: HRS
WT: 5.4#
FINISH: PRIMER

PH. 1.031 THRU

PENZ PART NUMBER
15-62
SIMILAR TO BUDD
MAT'L: HRS
WT: 6.1#
FINISH: PRIMER

0.312 THRU

PENZ PART NUMBER
15-63-XX
SIMILAR TO BUDD
MAT'L: HRS
WT: 7.0#
FINISH: PRIMER

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TWIST LOCKS

RIGHT HAND SHOWN:
PART No. 15-64-1-RH
LEFT HAND OPPOSITE:
PART No. 15-64-1-LH

PENZ PART NUMBER
15-64-1-XX
MAT'L: HRS
WT: 7.5#
FINISH: PRIMER

USED WITH TWIST LOCK
PART No. 15-64-1-XX

PENZ PART NUMBER
15-64-2
MAT'L: HRS
WT: 4.0#
FINISH: PRIMER

PENZ PART NUMBER
15-65
MAT'L: HRS
WT: 4.5#
FINISH: PRIMER

PENZ PART NUMBER
15-66-1-XX
RIGHT HAND SHOWN:
PART No. 15-66-1-RH
LEFT HAND OPPOSITE:
PART No. 15-66-1-LH
SIMILAR TO FRUEHAUF
MAT'L: HRS
WT: 2.5#
FINISH: PRIMER

PENZ PRODUCTS, INC. - STEEL DIVISION
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*05-14-15
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<td>![Diagram of Twist Locks]</td>
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<td><strong>PART No. 15-77W</strong></td>
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**WELDED CONSTRUCTION AVAILABLE:**

**PENZ PART NUMBER 15-77**
- MAT'L: HRS
- WT: 4.1#
- FINISH: PRIMER

**PENZ PART NUMBER 15-78**
- MAT'L: HRS
- WT: 3.9#
- FINISH: PRIMER

**PENZ PART NUMBER 15-79**
- MAT'L: HRS
- WT: 9.7#
- FINISH: PRIMER

**PENZ PART NUMBER 15-80**
- MAT'L: HRS
- WT: 13.1#
- FINISH: PRIMER

---

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*05-15-15*
TWIST LOCKS

PENZ PART NUMBER
15–93
MAT'L: HRS
WT: 7.0#
FINISH: PRIMER

PENZ PART NUMBER
15–94
MAT'L: HRS
WT: 5.2#
FINISH: PRIMER

PENZ PART NUMBER
15–95–XX
MAT'L: HRS
WT: 6.8#
FINISH: PRIMER

PENZ PART NUMBER
15–96–XX
SIMILAR TO HYUNDAI
MAT'L: HRS
WT: 3.8#
FINISH: PRIMER
**TWIST LOCKS**

**USED ON 90-16 SERIES**

HANDLE PART No. 20-81, 20-82

**PENZ PART NUMBER** 15.101

**NOTE:**
- USED ON OLD STYLE 90-16 SERIES WHEN RETAINER RING IS USED
- SEE PART #15.138 FOR NEW STYLE WITH SPLIT PIN

---

**USED ON 90-17 SERIES**

USE WITH TWIST LOCK NUT

PART No. 15.102-2

HANDLE PART No. 20-85

**PENZ PART NUMBER** 15.102-1

**PAD**

**PENZ PART NUMBER** 15.102-2

**PAD**

**PENZ PART NUMBER** 15.103-1

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*05–19–15*
QUICK FIND LIST

TWIST LOCKS

PENZ PART NUMBER 15.104

MAT'L: HRS
WT: 4.2#
FINISH: PRIMER

WELD CONSTRUCTION AVAILABLE:
PART No. 15.104/W

PENZ PART NUMBER 15.105

MAT'L: HRS
WT: 4.5#
FINISH: PRIMER

WELD CONSTRUCTION AVAILABLE:
PART No. 15.105/W

NOTE:
USED ON OLD STYLE 90-08
W/RETAINER RING
SEE PART #15.136 FOR NEW
STYLE W/SPLIT PIN

PENZ PART NUMBER 15.106

MAT'L: HRS
WT: 7.4#
FINISH: PRIMER

NOTE:
USED ON OLD STYLE 90-08
W/RETAINER RING
SEE PART #15.136 FOR NEW
STYLE W/SPLIT PIN

PENZ PART NUMBER 15.109

MAT'L: HRS
WT: 3.8#
FINISH: PRIMER

WELD CONSTRUCTION AVAILABLE:
PART No. 15.109/W

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TWIST LOCKS

15.125-XX

RIGHT HAND SHOWN:
PART No. 15.125-RH
LEFT HAND OPPOSITE:
PART No. 15.125-LH

PENZ PART NUMBER

MAT'L: HRS
WT: 3.0#
FINISH: PRIMER

PART No. 15.126

MAT'L: FORGED STEEL
WT: 5.0#
FINISH: PRIMER

PART No. 15.127

MAT'L: HRS
WT: 10.2#
FINISH: PRIMER

PART No. 15.128

SIMILAR TO WESTLAKE #12-20*
MAT'L: FORGED STEEL
WT: 4.3#
FINISH: PRIMER

USED ON WESTLAKE #W/L 85-4 & 85-5

*09-27-17
## PENZ PART NUMBER 15.129

**Similar to Miller Chassis**
- **Material (Mat'1):** HRS
- **Weight (WT):** 6.0#
- **Finish (FINISH):** PRIMER

**Dimensions:**
- Length: 3 7/8''

**Uses:**
- Used on 90-36-XXF, 90-36/ST-XXF, 90-36/H-XXF
- Handle Part No. 20.108-XX & 20.114-XX

**Welded Construction Available:**
- Part No. 15.129/W

## PENZ PART NUMBER 15.130F

**Material (Mat'1):** HRS
- **Weight (WT):** 4.1#
- **Finish (FINISH):** PRIMER

**Dimensions:**
- Length: 3 3/4''
- Diameter: 3/32''

**Uses:**
- Used on 90-35-XXF
- Handle Part No. 20.107-XX

**Welded Construction Available:**
- Part No. 15.130/W

## PENZ PART NUMBER 15.131F

**Material (Mat'1):** HRS
- **Weight (WT):** 4.1#
- **Finish (FINISH):** PRIMER

**Dimensions:**
- Length: 3 3/4''
- Diameter: 3/32''

**Uses:**
- Used on 90-37-XXF
- Handle Part No. 20.108-XX

**Welded Construction Available:**
- Part No. 15.131/W

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QUICK FIND LIST

TWIST LOCKS

PENZ PART NUMBER 15.145
MAT'L: HRS
WT: 6.5#
FINISH: PRIMER

PENZ PART NUMBER 15.146F
MAT'L: HRS
WT: 6.0#
FINISH: PRIMER

PENZ PART NUMBER 15.147
SIMILAR TO BLAIR
MAT'L: HRS
WT: 7.0#
FINISH: PRIMER

PENZ PART NUMBER 15.148
MAT'L: HRS
WT: 5.0#
FINISH: PRIMER

PENZ PRODUCTS, INC. - STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640
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**TWIST LOCKS**

- **USED ON 90-41-XXF**
- **USED ON 1 1/4" RISER BLOCK FOR 90° TURN**

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**QUICK FIND LIST**

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**PENZ PRODUCTS, INC. - STEEL DIVISION**

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Mishawaka, IN 46544
Ph:(574) 255-4736 Fax:(574) 256-0640

*05–29–15*
TWIST LOCKS

UNIVERSAL REPLACEMENT PIN FOR MODEL No.'S 1149, 1203, 1222, 1223, 1235, 1236, 1237, 1280, 3270, 3290

PENZ PART NUMBER 15.157F
SIMILAR TO BUFFERS
MAT'L: HRS
WT: 4.7#
FINISH: PRIMER

PENZ PART NUMBER 15.158F
MAT'L: HRS
WT: 3.7#
FINISH: PRIMER

PENZ PART NUMBER 15.159F
MAT'L: HRS
WT: 4.8#
FINISH: PRIMER

PENZ PART NUMBER 15.160F
SIMILAR TO BUFFERS
MAT'L: HRS
WT: 4.0#
FINISH: PRIMER
QUICK FIND LIST

TWIST LOCKS

PENZ PART NUMBER 15.162F
SIMILAR TO BUFFERS
MAT'L: HRS
WT: 4.9#
FINISH: PRIMER

UNIVERSAL REPLACEMENT PIN FOR MODEL NO'S:
1149, 1203, 1222, 1223, 1235,
1236, 1237, 1280, 3270, 3290

WELDED CONSTRUCTION AVAILABLE:
PART No. 15-162/W

PENZ PART NUMBER 15.163
MAT'L: HRS
WT: 6.5#
FINISH: PRIMER

PENZ PART NUMBER 15.164F
SIMILAR TO BUFFERS
MAT'L: HRS
WT: 4.3#
FINISH: PRIMER

PENZ PART NUMBER 15.165F
MAT'L: HRS
WT: 5.0#
FINISH: PRIMER

WELDED CONSTRUCTION AVAILABLE:
PART No. 15.165/W

PENZ PRODUCTS, INC. - STEEL DIVISION
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### TWIST LOCKS

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#### QUICK FIND LIST

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- **00**
TWIST LOCKS

QUICK FIND LIST

PENZ PART NUMBER 15.170

DRILL

φ .250 THRU

φ .641 THRU

MAT'L: HRS
WT: 7.7#
FINISH: PRIMER

PENZ PART NUMBER 15.171

(3 3/4")

3/32"

7 7/8"

7 1/8"

φ 1 1/2"

φ .406 THRU

φ .531 THRU

MAT'L: HRS
WT: 5.9#
FINISH: PRIMER

PENZ PART NUMBER 15.174

(1 3/16")

3/32"

1 5/16"

7 13/32"

φ 1 1/2"

φ .281 THRU

φ .656 THRU

MAT'L: HRS
WT: 4.9#
FINISH: PRIMER

PENZ PART NUMBER 15.179

(3 3/4")

1 1/4"

5 3/4"

6 1/4"

φ 1 3/8"

φ .531 THRU

MAT'L: HRS
WT: 3.9#
FINISH: PRIMER

MAT'L: HRS
WT: 4.9#
FINISH: PRIMER

PENZ PRODUCTS, INC. - STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640

*06-01-15
STEEL BALLS

<table>
<thead>
<tr>
<th>PENZ PART NUMBER</th>
<th>SIMILAR TO TOCA/SCHULTZ</th>
<th>SIMILAR TO BUFFERS</th>
<th>MAT'L: CHROME ALLOY</th>
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<td>16-01</td>
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<tr>
<td>16-02</td>
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USED WITH 50-20 SPRING
2 PER UNIT

Ø3/8"±.005

Ø7/16"±.005
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<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>17-01</td>
<td>BOLT, HEX HEAD, 5/8-11UNC-2A THRD X 1 1/2&quot; LONG GRD 5, ZINC PLATE</td>
</tr>
<tr>
<td>17-02</td>
<td>NUT, HEX SLOTTED, 5/8-11UNC-2B THRD, ZINC PLATE</td>
</tr>
<tr>
<td>17-03</td>
<td>BOLT, HEX HEAD, 5/8-11UNC-2A THRD X 2 3/4&quot; LONG GRD 5, ZINC PLATE</td>
</tr>
<tr>
<td>17-04</td>
<td>GREASE FITTING, 5/16 DIA., PRESS FIT, ZINC PLATE</td>
</tr>
<tr>
<td>17-05</td>
<td>BOLT, HEX HEAD, 5/16-18UNC-2A THRD X 3&quot; LONG, GRD 5, ZINC PLATE</td>
</tr>
<tr>
<td>17-06</td>
<td>WASHER, USS FLAT, SIZE 3/8, (7/16&quot;ID, 1&quot; OD), ZINC PLATE</td>
</tr>
<tr>
<td>17-07</td>
<td>NUT, REVERSE LOCKING, 3/8-16UNC-2B THRD, ZINC PLATE</td>
</tr>
<tr>
<td>17-08</td>
<td>NUT, REVERSE LOCKING, 5/8-11UNC-2B THRD, ZINC PLATE</td>
</tr>
<tr>
<td>17-09</td>
<td>BOLT, HEX HEAD 3/8-16UNC-2A THRD X 1 3/4&quot; LONG, GRD 5, ZINC PLATE</td>
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<td>17-10</td>
<td>NUT, REVERSE LOCKING, 5/16-18UNC-2B THRD, ZINC PLATE</td>
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<tr>
<td>17-11</td>
<td>BOLT, HEX HEAD, 9/16-12UNC-2A THRD X 3&quot; LONG, GRD 5, ZINC PLATE</td>
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<td>17-12</td>
<td>NUT, REVERSE LOCKING, 9/16-12UNC-2B THRD, ZINC PLATE</td>
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<tr>
<td>17-13</td>
<td>PIN, SPLIT, 3/8 DIA. X 2 1/2&quot; LONG, PLAIN</td>
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<tr>
<td>17-14</td>
<td>PIN, SPLIT, 5/16 DIA. X 3/4&quot; LONG, PLAIN</td>
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<tr>
<td>17-15</td>
<td>BOLT, HEX HEAD, 3/8-16UNC-2A THRD X 3 1/4&quot; LONG, GRD 5, ZINC PLATE</td>
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<tr>
<td>17-16</td>
<td>PIN, CLEVIS, 3/8 DIA. X 1 1/2&quot; LONG, PLAIN</td>
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<tr>
<td>17-17</td>
<td>PIN, COTTER, 1/8 DIA. X 3/4&quot; LONG, PLAIN</td>
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<tr>
<td>17-18</td>
<td>PIN, SPLIT, 3/16 DIA. X 1 1/2&quot; LONG, 400 SERIES, STAINLESS STEEL</td>
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<tr>
<td>17-19</td>
<td>WASHER, USS FLAT, SIZE 1&quot;, (1 1/16&quot; ID), ZINC PLATE</td>
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<tr>
<td>17-20</td>
<td>BOLT, HEX HEAD, 9/16-12UNC-2A THRD X 4&quot; LONG, GRD 5, ZINC PLATE</td>
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<tr>
<td>17-21</td>
<td>BOLT, HEX HEAD, 1/2-13UNC-2A THRD X 3 3/4&quot; LONG, GRD 5, ZINC PLATE</td>
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<td>NUT, LOCK, 5/16-18UNC-2B THRD, ZINC PLATE</td>
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<td>17-23</td>
<td>NUT, REVERSE LOCKING, 1/2-13UNC-2B THRD, ZINC PLATE</td>
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<td>PART NUMBER</td>
<td>DESCRIPTION</td>
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<td>17-24</td>
<td>NUT, REVERSE LOCKING, 1/4-20 UNC-2B THRD, ZINC PLATE</td>
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<tr>
<td>17-25</td>
<td>BOLT, HEX HEAD, 1/4-20 UNC-2A THRD X 1&quot; LONG, GRD 5, ZINC PLATE</td>
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<tr>
<td>17-26</td>
<td>BOLT, SHOULDER, 3/8 DIA. x 3/4&quot; LONG, WITH 5/16-18 UNC-2A THRD, PLAIN</td>
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<td>17-27</td>
<td>FITTING, GREASE, 5/16 DIA. X 65° - PRESS FIT, ZINC PLATE</td>
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<tr>
<td>17-28</td>
<td>BOLT, HEX HEAD, 3/8-16 UNC-2A THRD X 2 3/4&quot; LONG, GRD 5, ZINC PLATE</td>
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<tr>
<td>17-29</td>
<td>RING, RETAINER, 1 1/2&quot;, (5100-150)</td>
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<tr>
<td>17-30</td>
<td>BOLT, HEX HEAD, 9/16-12 UNC-2A THRD X 2 3/4&quot; LONG, GRD 5, ZINC PLATE</td>
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<tr>
<td>17-31</td>
<td>PIN, SPLIT, 1/4 DIA. X 1 1/2&quot; LONG, PLAIN</td>
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<tr>
<td>17-32</td>
<td>WASHER, USS FLAT, SIZE 1 7/8, (2&quot; ID, 4 1/4&quot; OD), ZINC PLATE</td>
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<tr>
<td>17-33</td>
<td>WASHER, USS FLAT SIZE 1/2, (9/16&quot; ID), ZINC PLATE</td>
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<tr>
<td>17-34</td>
<td>PIN, COTTER, 1/8 DIA. X 1 1/2&quot; LONG, STAINLESS STEEL</td>
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<tr>
<td>17-35</td>
<td>PIN, DOWEL, 1/2&quot; DIA. X 2 1/2&quot; LONG, PRECISION GROUND</td>
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<tr>
<td>17-36</td>
<td>WASHER, SAE FLAT, SIZE 1, (1 1/16&quot;ID), ZINC PLATE</td>
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<td>17-37</td>
<td>PIN, COTTER, 3/16 X 1 1/2&quot; LONG, STAINLESS STEEL</td>
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<tr>
<td>17-38</td>
<td>PIN, SPLIT, 1/8 DIA. X 1&quot; LONG, PLAIN</td>
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<td>17-39</td>
<td>PIN, SPLIT, 1/4 DIA. X 2&quot; LONG, ZINC PLATE</td>
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<tr>
<td>17-40</td>
<td>NUT, WELD, 3/8-16 UNC-2B THRD, LG. PILOT, SIX PROJECTIONS</td>
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<td>17-41</td>
<td>BOLT, HEX HEAD, 3/8-16 UNC-2A THRD X 3/4&quot; LONG, GRD 5, ZINC PLATE</td>
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<td>17-42</td>
<td>WASHER, LOCK SIZE 3/8, ZINC PLATE</td>
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<td>17-43</td>
<td>BOLT, HEX HEAD, 3/8-16 UNC-2A THRD X 1&quot; LONG, GRD 5, ZINC PLATE</td>
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<td>17-44</td>
<td>BOLT, HEX HEAD, 3/8-16 UNC-2A THRD X 3&quot; LONG, GRD 5, ZINC PLATE</td>
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<td>17-45</td>
<td>PIN, SPLIT, 1/4 DIA. X 2&quot; LONG, 400 SERIES, STAINLESS STEEL</td>
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<td>17-46</td>
<td>RIVET, ROUND HEAD, 1/2 DIA. X 1 1/2&quot; LONG, UNFINISHED, GRD 2</td>
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<td>17-47</td>
<td>BOLT, HEX HEAD, 1/2-13 UNC-2A THRD X 1 1/2&quot; LONG, GRD 5, ZINC PLATE</td>
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<tr>
<td>17-48</td>
<td>PIN, DOWEL, 3/8 DIA. X 1 1/2&quot; LONG, PRECISION GROUND</td>
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<tr>
<td>17-49</td>
<td>PRESENTLY NOT IN USE</td>
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<tr>
<td>17-50</td>
<td>WASHER, SAE FLAT, SIZE 1 3/8, (1 1/2&quot;ID, 3 1/4&quot;OD), PLAIN</td>
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<tr>
<td>17-51</td>
<td>BOLT, HEX HEAD, 7/16-14UNC-2A THRD X 1 1/2&quot; LONG, GRD 8, ZINC PLATE</td>
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<tr>
<td>17-52</td>
<td>NUT, REVERSE LOCKING, 7/16-14UNC-2B THRD, ZINC PLATE</td>
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<tr>
<td>17-53</td>
<td>PIN, CLEVIS, 7/16 DIA. X 1 1/2&quot; LONG, ZINC PLATE, SPECIAL GRADE</td>
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<tr>
<td>17-54</td>
<td>PIN, CLEVIS, 5/16 DIA. X 1&quot; LONG, ZINC PLATE</td>
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<tr>
<td>17-55</td>
<td>BOLT, HEX HEAD, 5/16-18UNC-2A THRD X 7/8&quot; LONG, GRD 8, ZINC PLATE</td>
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<tr>
<td>17-56</td>
<td>RIVET, ROUND HEAD, 1/4 DIA. X 3/4&quot; LONG, SOLID STEEL</td>
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<tr>
<td>17-57</td>
<td>PIN, SPLIT, 1/8&quot; DIA. X 3/4&quot; LONG, STAINLESS STEEL</td>
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<tr>
<td>17-58</td>
<td>BOLT, HEX HEAD, 5/8-11UNC-2A THRD X 2&quot; LONG, GRD 5, ZINC PLATE</td>
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<tr>
<td>17-59</td>
<td>QUICK LINK, 1/4, ZINC PLATE</td>
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<tr>
<td>17-60</td>
<td>BOLT, HEX HEAD, 1/2-13UNC-2A THRD X 1&quot; LONG, GRD 5, ZINC PLATE</td>
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<tr>
<td>17-61</td>
<td>WASHER, USS FLAT, SIZE 5/8, (11/16&quot;ID, 1 3/4&quot;OD), PLAIN</td>
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</tbody>
</table>

**PENZ PART NUMBER**

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<tr>
<th>PENZ PART NUMBER</th>
<th>MAT'L: CRS</th>
<th>WT: .4#</th>
<th>FINISH: PRIMER</th>
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<th>WT: .2#</th>
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<tbody>
<tr>
<td>17.502</td>
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</table>
CONTAINERS SECUREMENT HANDLES & PINS

LEFT HAND SHOWN:
PART No. 20-01-LH
RIGHT HAND OPPOSITE:
PART No. 20-01-RH
TWIST LOCK PART No. 15-26
USED 25-20-XX LATCH

PENZ PART NUMBER
20-01-XX
SIMILAR TO THEURER
MAT’L: FORGED STEEL
WT: 3.4#
FINISH: PRIMER

PENZ PART NUMBER
20-02
MAT’L: HRS
WT: 1.1#
FINISH: PRIMER

PENZ PART NUMBER
20-03
SIMILAR TO THEURER
MAT’L: HRS
WT: .9#
FINISH: PRIMER

PENZ PRODUCTS, INC. - STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640
CONTAINERS SECUREMENT HANDLES & PINS

PENZ PART NUMBER
20–09–XX
SIMILAR TO UTILITY
MAT'L: HRS
WT: NOTED
FINISH: PRIMER

PENZ PART NUMBER
20–10–XX
LEFT HAND SHOWN:
PART No. 20-10-LH
RIGHT HAND OPPOSITE:
PART No. 20-10-RH
MAT'L: HRS
WT: 1.3#
FINISH: PRIMER

PENZ PART NUMBER
20–11
MAT'L: HRS
WT: 3.8#
FINISH: PRIMER

PENZ PART NUMBER
20–12
SIMILAR TO BERTOLINI
MAT'L: HRS
WT: 2.6#
FINISH: PRIMER

PENZ PART NUMBER
20–13
SIMILAR TO BERTOLINI
MAT'L: FORGED STEEL
WT: 2.3#
FINISH: PRIMER

PENZ PART NUMBER
20–14
MAT'L: HRS
WT: 1.9#
FINISH: PRIMER

PENZ PRODUCTS, INC. – STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255–4736 Fax:(574) 256–0640

*06–30–15
<table>
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<td>SIMILAR TO STICK</td>
<td>2.5#</td>
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<td></td>
<td>HRS</td>
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<td>20-33</td>
<td>SIMILAR TO ALLIED, STICK</td>
<td>1.5#</td>
<td>PRIMER</td>
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<td>SIMILAR TO STRICK, ALLIED</td>
<td>0.8#</td>
<td>PRIMER</td>
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<tr>
<td>20-34</td>
<td>SIMILAR TO STRICK</td>
<td>0.9#</td>
<td>PRIMER</td>
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<tr>
<td>20-35</td>
<td>SIMILAR TO TRAILMOBILE, U.S., LINES &amp; GINDY</td>
<td>2.7#</td>
<td>PRIMER</td>
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<td>20-36</td>
<td>SIMILAR TO FRUEHAUF</td>
<td>1.6#</td>
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</table>

PENZ PRODUCTS, INC. - STEEL DIVISION

1320 S. Merrifield Ave.  Mishawaka, IN 46544  Ph:(574) 255-4736  Fax:(574) 256-0640
CONTAINER SECUREMENT HANDLES & PINS

PENZ PART NUMBER
20-71

SIMILAR TO ALLIED
MAT' L: HRS
WT: 1.5#
FINISH: PRIMER

PENZ PART NUMBER
20-72

MAT' L: HRS
WT: 1.9#
FINISH: PRIMER

PENZ PART NUMBER
20-73

MAT' L: HRS
WT: 1.5#
FINISH: PRIMER

PENZ PART NUMBER
20-74

MAT' L: HRS
WT: 3.2#
FINISH: PRIMER

PENZ PART NUMBER
20-75

MAT' L: HRS
WT: 1.3#
FINISH: PRIMER

PENZ PART NUMBER
20-76

SIMILAR TO HYUNDAI
MAT' L: HRS
WT: 1.3#
FINISH: PRIMER

PENZ PRODUCTS, INC. - STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640

*08-12-15
CONTAINER SECUREMENT HANDLES & PINS

RIGHT HAND SHOWN:
PART No. 20-88-RH
LEFT HAND OPPOSITE:
PART No. 20-88-LH

USED ON 90-23-XX
TWIST LOCK
PART No. 15-97

PENZ PART NUMBER
20-88-XX
MAT'L: HRS
WT: 1.8#
FINISH: PRIMER

PENZ PART NUMBER
20-90
MAT'L: HRS
WT: 3.9#
FINISH: PRIMER

USED ON 90-25
TWIST LOCK PART
No. 15.112-1

TWIST LOCK NUT
PART No. 12.112-2

USED ON 90-07-XX
TWIST LOCK PART No. 15.105

PENZ PART NUMBER
20-93
MAT'L: HRS
WT: 1.3#
FINISH: PRIMER

PENZ PART NUMBER
20-94
MAT'L: HRS
WT: .8#
FINISH: PRIMER

PENZ PRODUCTS, INC. - STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4756 Fax:(574) 256-0640

*08-10-15
CONTAINER SECUREMENT HANDLES & PINS

PENZ PART NUMBER
20.106

MAT'L: HRS
WT: 4.1#
FINISH: PRIMER

PENZ PART NUMBER
20.107-XX

RIGHT HAND SHOWN:
PART No. 20.107-RH
LEFT HAND OPPOSITE:
PART No. 20.107-LH

USED ON 90.33-XX
90.35-XXX
TWIST LOCK
PART No. 15.124X,
15.131X

PENZ PART NUMBER
20.108-XX

MAT'L: HRS
WT: 1.7#
FINISH: PRIMER

PENZ PART NUMBER
20.109

MAT'L: HRS
WT: 1.8#
FINISH: PRIMER

PENZ PART NUMBER
20.110-XX

MAT'L: HRS
WT: 1.6#
FINISH: PRIMER

PENZ PRODUCTS, INC. - STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640
CONTAINER SECUREMENT HANDLES & PINS

PENZ PART NUMBER
20.129
SIMILAR TO BUFFERS
MAT'L: HRS
WT: .9#
FINISH: PRIMER

PENZ PART NUMBER
20.130
SIMILAR TO BUFFERS
MAT'L: HRS
WT: 1.5#
FINISH: PRIMER

PENZ PART NUMBER
20.131Q
MAT'L: HRS
WT: .7#
FINISH: PRIMER

PENZ PART NUMBER
20.132
MAT'L: HRS
WT: .6#
FINISH: PRIMER

PENZ PART NUMBER
20.133
MAT'L: HRS
WT: 1.1#
FINISH: PRIMER

PENZ PART NUMBER
20.134-XX
MAT'L: HRS
WT: 1.1#
FINISH: PRIMER

PENZ PRODUCTS, INC. - STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640
CONTAINER SECUREMENT HANDLES & PINS

PENZ PART NUMBER
20.145/GALV-B
TWIST LOCK HANDLE
MAT'L: HRS
WT: 2.57#
FINISH: GALVANIZING

PENZ PART NUMBER
20.146
HANDLE
MAT'L: HRS
WT: .97#
FINISH: PRIMER

PENZ PART NUMBER
20.147
HANDLE
MAT'L: HRS
WT: 1.22#
FINISH: PRIMER

PENZ PART NUMBER
20.148
HANDLE
MAT'L: HRS
WT: 1.22#
FINISH: PRIMER

PENZ PART NUMBER
20.149
HANDLE
MAT'L: HRS
WT: 1.11#
FINISH: PRIMER

PENZ PART NUMBER
20.150
HANDLE
MAT'L: HRS
WT: .81#
FINISH: PRIMER

PENZ PRODUCTS, INC. - STEEL DIVISION
1320 S. Merrifield Ave.  Mishawaka, IN 46544  Ph:(574) 255-4736  Fax:(574) 256-0640

*11-12-19
## Riser Blocks

<table>
<thead>
<tr>
<th>PART No.</th>
<th>DIM. &quot;A&quot;</th>
<th>WEIGHT</th>
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<td>3/8&quot;</td>
<td>.11#</td>
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<table>
<thead>
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<th>PART No.</th>
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<th>DIM. &quot;B&quot;</th>
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<td>1 1/8&quot;</td>
<td>1 9/16&quot;</td>
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<td>21-11</td>
<td>1 1/4&quot;</td>
<td>1 9/16&quot;</td>
<td>2.1#</td>
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<tr>
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<td>1 3/8&quot;</td>
<td>1 9/16&quot;</td>
<td>2.3#</td>
</tr>
<tr>
<td>21-13</td>
<td>1 7/16&quot;</td>
<td>1 9/16&quot;</td>
<td>2.4#</td>
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<td>1 3/8&quot;</td>
<td>1 25/32&quot;</td>
<td>2.1#</td>
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<tr>
<td>21-17</td>
<td>1 1/8&quot;</td>
<td>2 1/32&quot;</td>
<td>1.4#</td>
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<td>1 1/2&quot;</td>
<td>1 25/32&quot;</td>
<td>2.3#</td>
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<td>21-24</td>
<td>1 1/4&quot;</td>
<td>1 11/16&quot;</td>
<td>2.0#</td>
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<tr>
<td>21-25</td>
<td>1 1/8&quot;</td>
<td>1 15/16&quot;</td>
<td>1.7#</td>
</tr>
<tr>
<td>21-26</td>
<td>1 1/4&quot;</td>
<td>2 1/32&quot;</td>
<td>2.8#</td>
</tr>
</tbody>
</table>

---

Riser Block Dimensions:

- **A**: Diameter
- **B**: Height

PENZ PART NUMBER

21-24

**MATERIAL**: HRS
**WT**: 2.3#
**FINISH**: PRIMER

21-25

**MATERIAL**: HRS
**WT**: 2.9#
**FINISH**: PRIMER

---

PENZ PRODUCTS, INC. – STEEL DIVISION

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<table>
<thead>
<tr>
<th>PENZ PART NUMBER</th>
<th>MAT'L:</th>
<th>WT:</th>
<th>FINISH:</th>
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<tbody>
<tr>
<td>21-35</td>
<td>STEEL CASTING</td>
<td>3.1#</td>
<td>PRIMER</td>
</tr>
<tr>
<td>21-36</td>
<td>STEEL AISI 1018-1020</td>
<td>2.3#</td>
<td>PRIMER</td>
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<tr>
<td>21-39</td>
<td>STEEL AISI 1018-1020</td>
<td>2.7#</td>
<td>PRIMER</td>
</tr>
<tr>
<td>21-40</td>
<td>STEEL AISI 1018-1020</td>
<td>3.5#</td>
<td>PRIMER</td>
</tr>
<tr>
<td>21-41</td>
<td>STEEL AISI 1018-1020</td>
<td>2.0#</td>
<td>PRIMER</td>
</tr>
<tr>
<td>21-42</td>
<td>STEEL</td>
<td>1.5#</td>
<td>PRIMER</td>
</tr>
</tbody>
</table>
RISER BLOCKS AND SPACERS

RISER BLOCK FOR 90-58

MAT'L: HRS
WT: .45#
FINISH: PRIMER

SPACER PLATE FOR 90-58

MAT'L: HRS
WT: .45#
FINISH: PRIMER

RISER BLOCK FOR 90-58

MAT'L: STEEL CASTING
WT: 1.89#
FINISH: PRIMER

PENZ PART NUMBER
21-43
SPACER PLATE FOR 90-58
MAT'L: HRS
WT: .45#
FINISH: PRIMER

PENZ PART NUMBER
21-44/NZ
RISER BLOCK FOR 90-58
MAT'L: STEEL CASTING
WT: 1.89#
FINISH: PRIMER
TARP BOWS & ACCESSORIES

PENZ PART NUMBER 23-01
TARP BOW POCKET
MAT'L: HRS
WT: 1.0#
FINISH: PRIMER

PENZ PART NUMBER 23-01-A
TARP BOW POCKET
MAT'L: HRS
WT: 1.0#
FINISH: PRIMER

PENZ PART NUMBER 23-02
STAKE POCKET
MAT'L: HRS
WT: 2.0#
FINISH: PRIMER

PENZ PART NUMBER 23-03-X
SIDE RAIL SPACER
MAT'L: 13Ga. TUBE
WT: XXX
FINISH: PRIMER

1 5/16"  R1/2"  1 1/8"  1 9/16"  3 1/4"  2 5/8"  R1/2"  1 5/16"  R1/2"  1 1/8"  1 9/16"  3 1/4"  2 5/8"

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*08-17-15
**TARP BOWS & ACCESSORIES**

**PENZ PART NUMBER 23-04**

TARP STOP BRACKET  
MAT'L: 7Ga. HRS  
WT: 1.3#  
FINISH: ZINC PLATE

**PENZ PART NUMBER 23-19**

TRAP BOW  
MAT'L: HRS  
WT: 9.0#  
FINISH: PRIMER

**PENZ PART NUMBER 23-20**

TARP BOW  
MAT'L: HRS  
WT: 13.5#  
FINISH: PRIMER

**PENZ PART NUMBER 23-21**

TARP BOW  
MAT'L: HRS  
WT: 13.0#  
FINISH: PRIMER

---

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*10-26-15*
TARP BOWS & ACCESSORIES

PENZ PART NUMBER 23-22
TARP BOW
MAT'L: HRS
WT: 14.1#
FINISH: PRIMER

PENZ PART NUMBER 23-23
TARP BOW
MAT'L: HRS
WT: 14.8#
FINISH: PRIMER

PENZ PART NUMBER 23-24
TARP BOW
MAT'L: HRS
WT: 13.0#
FINISH: PRIMER

PENZ PART NUMBER 23-25
TARP BOW
MAT'L: HRS
WT: 9.0#
FINISH: PRIMER

*10-02-15
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640
PENZ PRODUCTS, INC. - STEEL DIVISION
**Penz Part Number**

- **25-05**
  - Similar to Toca/Schultz
  - Mat'l: Forged Steel
  - WT: 1.1#
  - Finish: Primer

- **25-06**
  - Similar to Toca/Schultz
  - Mat'l: Forged Steel
  - WT: .6#
  - Finish: Primer

- **25-08**
  - Similar to Strick
  - Mat'l: 07 Ga. HRS
  - WT: .5#
  - Finish: Primer

- **25-09-XX**
  - Mat'l: HRS
  - WT: .2#
  - Finish: Zinc Plate

---

PENZ PRODUCTS, INC. - STEEL DIVISION
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USED ON 90-14-XX

USED ON 90-14HD-XX
90-26-XX & 90-26-ST-XX

PENZ PART NUMBER 25-10
MAT'L: HRS
WT: .3#
FINISH: ZINC PLATED

PENZ PART NUMBER 25-10HD
MAT'L: HRS
WT: .4#
FINISH: ZINC PLATED

PENZ PART NUMBER 25-11
SIMILAR TO TOCA/SCHULTZ
MAT'L: HRS P&O
WT: .3#
FINISH: ZINC PLATED

PENZ PART NUMBER 25-12
MAT'L: HRS
WT: .1#
FINISH: PRIMER

PENZ PART NUMBER 25-13-XX
RIGHT HAND SHOWN:
PART No. 25-13-RH
LEFT HAND OPPOSITE:
PART No. 25-13-LH
MAT'L: HRS
WT: .3#
FINISH: ZINC PLATED

PENZ PART NUMBER 25-16
MAT'L: HRS
WT: .2#
FINISH: ZINC PLATED

PENZ PRODUCTS, INC. - STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640

*06-25-15
## Retaining Latches

### Penz Part Number 25-14

**Material:** HRS  
**Weight:** 1.0#  
**Finish:** Primer

### Penz Part Number 25-15

**Material:** HRS  
**Weight:** 0.8#  
**Finish:** Primer

### Penz Part Number 25-17

**Material:** HRS  
**Weight:** 0.5#  
**Finish:** Primer

### Penz Part Number 25-18

**Material:** HRS  
**Weight:** 0.1#  
**Finish:** Primer

### Order by Component Numbers

25-15-1: [1 LATCH WELD TO ROD]  
25-15-2: [1 LATCH, NO ROD]
# RETAINING LATCHES

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>25-30/10</td>
<td>LATCH BOX</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>17-33/R</td>
<td>WASHER USS FLAT SUZE 1/2&quot; Z.P.</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>25-30/21</td>
<td>HANDLE - BENT</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>50-34</td>
<td>SPRING</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>17-34/R</td>
<td>PIN, CUTTER, 1/8&quot; x 1 1/2&quot; LG S.S.</td>
<td>1</td>
</tr>
</tbody>
</table>

---

![Diagram of retaining latch with dimensions](image)

**OPEN POSITION**

**PENZ PART NUMBER**

25–32

**MAT'L:** HRS
**WT:** .3#
**FINISH:** PRIMER

25–33

**MAT'L:** HRS
**WT:** .3#
**FINISH:** ZINC PLATED

---

**PENZ PART NUMBER**

25–34

SIMILAR TO UPS
**MAT'L:** HRS
**WT:** .3#
**FINISH:** ZINC PLATED

25–35

SIMILAR TO BUFFERS
**MAT'L:** HRS
**WT:** .5#
**FINISH:** PRIMER

---

*PENZ PRODUCTS, INC. – STEEL DIVISION*

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DOOR HOLDBACKS

**PENZ PART NUMBER**

**25-P2012**

| DOOR HOLDBACK | WT.: .2# | FINISH: ZINC PLATED |

**PENZ PART NUMBER**

**25-P2013**

| DOOR HOLDBACK | WT.: .2# | FINISH: ZINC PLATED |

**PENZ PART NUMBER**

**25-P2015KIT**

| DOOR HOLDBACK | WT.: .2# | FINISH: ZINC PLATED |

ZINC PLATED
FORGED STEEL SNAP HOOK
PART No. 25-P2005S/R

LAP LINK
PART No. 25-P2005-L
(2) REQ'D PER KIT

3/16" PROOF CHAIN
GRADE 28, ZINC PLATED
PART No. 25-P2015C

PACKAGED LOOSE IN A POLY-BAG

PACKAGED IN A POLY-BAG

PACKAGED IN A POLY-BAG

*09–06–19

PENZ PRODUCTS, INC. - STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255–4736 Fax:(574) 256–0640 25–11
LOCK PINS

PENZ PART NUMBER 30-01
MAT'L: HRS
WT: 1.8#
FINISH: PRIMER

PENZ PART NUMBER 30-01-A
MAT'L: HRS
WT: 2.0#
FINISH: PRIMER

PENZ PART NUMBER 30-02
MAT'L: HRS
WT: 2.0#
FINISH: PRIMER

PENZ PART NUMBER 30-03
MAT'L: CRS
WT: 2.1#
FINISH: PRIMER

PENZ PART NUMBER 30-04
MAT'L: HRS
WT: 1.5#
FINISH: PRIMER

PENZ PART NUMBER 30-05
MAT'L: HRS
WT: 2.0#
FINISH: PRIMER
LOCKING PINS

PENZ PART NUMBER 30-16-B

MAT'L: HRS
WT: 2.7#
FINISH: PRIMER

30-16-C

MAT'L: HRS
WT: 6.0#
FINISH: PRIMER

PART No. PIN DIA. DIM 'A' DIM 'B' WEIGHT
30-17-RH 1 1/2 1 3/8 1/2 3.6#
30-17-LH 1 1/2 1 3/8 1/2 3.6#
30-17-A-RH 1 1/16 2 1/8 9/32 1.8#
30-17-A-LH 1 1/16 2 1/8 9/32 1.8#

RIGHT HAND SHOWN
LEFT HAND OPPOSITE

ORDER INFORMATION:
30-17-2 PIN FOR 30-17-XX ASSY
30-17-1 ARM FOR 30-17-XX ASSY
30-17-A-2 PIN FOR 30-17-A-XX ASSY
30-17-A-1 ARM FOR 30-17-A-XX ASSY

PENZ PART NUMBER 30-17-XX & 30-17-A-XX
MAT'L: HRS
WT: NOTED
FINISH: PRIMER

PENZ PART NUMBER 30-18

MAT'L: HRS
WT: 4.5#
FINISH: PRIMER

PENZ PART NUMBER 30-19

MAT'L: HRS
WT: 2.1#
FINISH: PRIMER

PENZ PART NUMBER 30-20

MAT'L: HRS
WT: 3.9#
FINISH: PRIMER

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*05-22-15
## LOCKING PINS

**PENZ PART NUMBER 30-21**  
**SIMILAR TO TOCA/SCHULTZ**  
**MAT'L:** HRS  
**WT:** 3.2#  
**FINISH:** PRIMER

**PENZ PART NUMBER 30-22**  
**MAT'L:** HRS  
**WT:** 2.7#  
**FINISH:** PRIMER

**PENZ PART NUMBER 30-23**  
**MAT'L:** HRS  
**WT:** 2.6#  
**FINISH:** PRIMER

**PENZ PART NUMBER 30-24**  
**MAT'L:** HRS  
**WT:** 3.1#  
**FINISH:** PRIMER

**PENZ PART NUMBER 30-25**  
**MAT'L:** HRS  
**WT:** 3.4#  
**FINISH:** PRIMER

**PENZ PART NUMBER 30-26**  
**SIMILAR TO OSHKOSH**  
**MAT'L:** HRS  
**WT:** 2.8#  
**FINISH:** PRIMER

---

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*05–22–15*
ALL COMPONENT ARE PLACED IN A SEAL-TITE BAG

PENZ PART NUMBER
35-01
SIMILAR TO STRICK
MAT'L: CRS
WT: 2.5#
FINISH: PRIMER

PENZ PART NUMBER
35-01-KIT
SIMILAR TO STRICK
MAT'L: CRS
WT: 3.1#
FINISH: PRIMER

PENZ PART NUMBER
35-02
SIMILAR TO FRUEHAUF
MAT'L: FORGING
WT: 2.2#
FINISH: PRIMER

PENZ PART NUMBER
35-02-KIT
SIMILAR TO FRUEHAUF
MAT'L: FORGING
WT: 2.7#
FINISH: PRIMER

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PIN
MATERIAL: CR1045
WT: 2.34#
FINISH: PRIMER

PENZ PART NUMBER
35-19
LOCKING PIN GUIDE BOSSES

<table>
<thead>
<tr>
<th>PENZ PART NUMBER</th>
<th>MAT'L: HRS</th>
<th>WT:</th>
<th>FINISH: PRIMER</th>
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<tbody>
<tr>
<td>40-01</td>
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<td>.3#</td>
<td>PRIMER</td>
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<tr>
<td>40-01-A</td>
<td></td>
<td>.4#</td>
<td>PRIMER</td>
</tr>
<tr>
<td>40-02</td>
<td></td>
<td>.5#</td>
<td>PRIMER</td>
</tr>
<tr>
<td>40-03</td>
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<td>1.0#</td>
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<td>40-04</td>
<td></td>
<td>1.2#</td>
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</table>

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1*01-18-15
LOCKING PIN GUIDE BOSSES

PENZ PART NUMBER
40-08
MAT'L: HRS
WT: .4#
FINISH: PRIMER

PENZ PART NUMBER
40-09
MAT'L: HRS
WT: 1.0#
FINISH: PRIMER

PENZ PART NUMBER
40-10
MAT'L: HRS
WT: .8#
FINISH: PRIMER

PENZ PART NUMBER
40-11
MAT'L: HRS
WT: .5#
FINISH: PRIMER

PENZ PART NUMBER
40-12
MAT'L: HRS
WT: .8#
FINISH: PRIMER

PENZ PART NUMBER
40-13
MAT'L: HRS
WT: 1.2#
FINISH: PRIMER

PENZ PART NUMBER
40-14
MAT'L: HRS
WT: 1.2#
FINISH: PRIMER

PENZ PART NUMBER
40-15
MAT'L: HRS
WT: .4#
FINISH: PRIMER

PENZ PRODUCTS, INC. - STEEL DIVISION
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LOCKING PIN GUIDE BOSSES

ITEM No. 1 (40-25/NZ GUIDE BOSS)  
ITEM No. 2 (17-04 GREASE FITTING)

PENZ PART NUMBER  
40-25

MAT'L: HRS
WT: .4#
FINISH: PRIMER

PENZ PART NUMBER  
40-26

MAT'L: HRS
WT: .1#
FINISH: PRIMER

PENZ PART NUMBER  
40-27

MAT'L: HRS
WT: 1.2#
FINISH: PRIMER

PENZ PRODUCTS, INC. – STEEL DIVISION

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DISCONTINUED

RIGHT HAND SHOWN:
PART No. 45-01-RH
LEFT HAND OPPOSITE:
PART No. 45-01-LH

PENZ PART NUMBER
45–01–XX
SIMILAR TO BUDD
MAT'L: HRS
WT: 23.5#
FINISH: PRIMER

SHOWN IN UNLOCKED POSITION

DISCONTINUED

RIGHT HAND SHOWN:
PART No. 45-02-RH
LEFT HAND OPPOSITE:
PART No. 45-02-LH

PENZ PART NUMBER
45–02–XX
SIMILAR TO BERTOLINI
MAT'L: HRS
WT: 27.4#
FINISH: PRIMER

SHOWN IN LOCKED POSITION

PENZ PRODUCTS, INC. – STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640
REPLACEMENT BOLSTER ASSEMBLY

RIHT HAND SHOWN:
PART No. 45-04-RH
LEFT HAND OPPOSITE:
PART No. 45-04-LH

PENZ PART NUMBER
45-04-XX
MAT'L: HRS
WT: 16.2#
FINISH: PRIMER

REAR BOLSTER ASSEMBLY

BOLSTER ASSEMBLY COMES COMPLETE WITH
TWIST LOCK ASSEMBLIES AS SHOWN

MAT'L: HRS
WT: 250#
FINISH: PRIMER

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*08–28–15
LOCK PINS SHOWN IN LOCK POSITION

BOLSTER ASSEMBLY COMES COMPLETE WITH LOCK PIN ASSEMBLIES SHOWN

LOCK PIN SHOWN IN LOCKED POSITION

BOLSTER ASSEMBLY COMES COMPLETE WITH LOCK PIN ASSEMBLY AS SHOWN

PENZ PART NUMBER
45-10
FRONT BOLSTER
MAT'L: HRS
WT: 166.0#
FINISH: PRIMER

PENZ PART NUMBER
45-11-XX
FRONT BOLSTER SPlice KIT
MAT'L: HRS
WT: 49.0#
FINISH: PRIMER

PENZ PRODUCTS, INC. – STEEL DIVISION
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*09–02–15
FRONT/REAR BOLSTER ASSEMBLY

PENZ PART NUMBER
45-12
FRONT BOLSTER SPLICER KIT
CENTER SECTION
MAT’L: HRS
WT: 70.5#
FINISH: PRIMER
SPRINGS

PENZ PART NUMBER 50–12
SIMILAR TO BERTOLINI
MAT'L: Ø.188 SPRING STEEL
WT: .35#
FINISH: MILL

PENZ PART NUMBER 50–13
MAT'L: Ø.071 WIRE
WT: .08#
FINISH: XXX

PENZ PART NUMBER 50–14
SIMILAR TO THEUER
MAT'L: Ø.125 WIRE
WT: .22#
FINISH: XXX

PENZ PART NUMBER 50–15
MAT'L: Ø.084
WT: .07#
FINISH: PRIMER

PENZ PART NUMBER 50–16
MAT'L: Ø.125 WIRE
WT: .27#
FINISH: PRIMER

PENZ PART NUMBER 50–17
MAT'L: Ø.065 WIRE
WT: .06#
FINISH: PRIMER

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### SPRINGS

#### PENZ PART NUMBER 50-24
- **Similar to Fruehauf**
- **Mat'l:** φ 0.162 Wire
- **WT:** .25#
- **Finish:** Black

#### PENZ PART NUMBER 50-25
- **Mat'l:** φ 0.072 Wire
- **WT:** .05#
- **Finish:** XXX

#### PENZ PART NUMBER 50-28
- **Mat'l:** φ 0.060 Wire
- **WT:** .04#
- **Finish:** XXX

#### PENZ PART NUMBER 50-29
- **Mat'l:** 14Ga. Wire
- **WT:** .20#
- **Finish:** XXX

#### PENZ PART NUMBER 50-30
- **Mat'l:** φ 0.187 Wire
- **WT:** .50#
- **Finish:** XXX

#### PENZ PART NUMBER 50-31
- **Mat'l:** φ 0.060 Wire
- **WT:** .01#
- **Finish:** XXX

---

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*09-03-15*
CARGO RESTRAINTS

MATERIAL: AISI 1030-1035 FORGING
MATERIAL SIZE: Ø.760 - Ø.770
HEAT TREAT: 140/170 BHN, ASTM-489
FULL TEST 57,500# - 62,500#

DISCONTINUED

PENZ PART NUMBER 55-01-A
D-RING
MAT'L: NOTED
WT: 2.1#
FINISH: PRIMER

PENZ PART NUMBER 55-02-A
XXX
MAT'L: HRS
WT: .6#
FINISH: XXX

PENZ PART NUMBER 55-03
LASHING HOOK
MAT'L: HRS
WT: .5#
FINISH: XXX

PENZ PART NUMBER 55-04
MAT'L: HRS
WT: 4.8#
FINISH: PRIMER

PENZ PRODUCTS, INC. - STEEL DIVISION
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06-17-15
CARGO RESTRAINTS

PENZ PART NUMBER 55-05
D-RING ASSEMBLY
MAT'L: STEEL
WT: 3.8#
FINISH: PRIMER

PENZ PART NUMBER 55-06
TIE DOWN SIM. TO GREAT DANE
MAT'L: HRS
WT: 1.3#
FINISH: ZINC PLATED

PENZ PART NUMBER 55-07
TIE DOWN SIM. TO GREAT DANE
MAT'L: HRS
WT: 1.5#
FINISH: ZINC PLATED

PENZ PART NUMBER 55-08
STRAP HOOK
MAT'L: HRS
WT: 1.6#
FINISH: PRIMER

TENSILE @ AREA
MAX. 8,480#
MIN. 4,860#

PENZ PRODUCTS, INC. - STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 256-4736 Fax:(574) 256-0640
CARGO RESTRAINTS & PALLET PULLER

R3/4" TYP.

4 7/8"

3"

Ø3/4"

PENZ PART NUMBER
55-09

RETAINER D-RING

MAT'L: HRS

WT: 1.7#

FINISH: PRIMER

LEFT BLANK
FOR FUTURE USE

PENZ PRODUCTS, INC. - STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640

*06-17-15

55-03
5/16" GRADE 70 TRANSPORT CHAIN, ZINC PLATED

2 13/32" APPROX

3/8" GRADE 43 HIGH TEST CHAIN

3 1/4" APPROX.

STAINLESS STEEL CAP

GALVANIZED STEEL HOUSING

CAP/CHAIN REPAIR TIE DOWN KIT AVAILABLE ORDER #55-15-RKIT

NOTE:
THIS UNIT RATED @ 4700# W.L.L.

HC/MATERIAL: STEEL
WT: 4.9# FINISH: XXX

PENZ PART NUMBER 55-15

CAP/CHAIN REPAIR TIE DOWN KIT AVAILABLE ORDER #55-16-RKIT

NOTE:
THIS UNIT RATED @ 5400# W.L.L.

HC/MATERIAL: STEEL
WT: 5.1# FINISH: XXX

PENZ PART NUMBER 55-16

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*09-14-17
CARGO RESTRAINTS

PENZ PART NUMBER 55-17
PALLET STOP, 1" STYLE "A"
MAT'L: HRS
WT: 3.6#
WT: MILL

PENZ PART NUMBER 55-18
PALLET STOP, 5/8" STYLE "A"
MAT'L: HRS
WT: 2.1#
FINISH: MILL

PENZ PART NUMBER 55-19
PALLET STOP, 1" STYLE "B"
MAT'L: HRS
WT: 3.1#
WT: MILL

PENZ PART NUMBER 55-20
PALLET STOP, 5/8" STYLE "B"
MAT'L: HRS
WT: 1.9#
FINISH: MILL

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*06-18-15*
COIL RACKS

PENZ PART NUMBER
55–21
COIL RACK
MAT'L: STEEL
WT: 4.1#
FINISH: PRIMER

PENZ PART NUMBER
55–22
PALLETT PULLER
MAT'L: STEEL
WT: 9.95#
FINISH: PRIMER
HINGE PLATES

PENZ PART NUMBER
60-01
SIMILAR TO FRUEHAUF
SIMILAR TO FLEET ENG.
MAT'L: HRS
WT: 1.6#
FINISH: ZINC PLATED

PENZ PART NUMBER
60-02
SIMILAR TO FRUEHAUF
SIMILAR TO FLEET ENG.
MAT'L: HRS
WT: 2.7#
FINISH: ZINC PLATED

PENZ PART NUMBER
60-02-ALUM
SIMILAR TO FRUEHAUF
MAT'L: 60-06-T6 ALUMINUM
WT: 1.0#
FINISH: MILL

PENZ PART NUMBER
60-03
SIMILAR TO FRUEHAUF
MAT'L: HRS
WT: 2.0#
FINISH: ZINC PLATED

PENZ PART NUMBER
60-04
SIMILAR TO FRUEHAUF
SIMILAR TO FLEET ENG.
MAT'L: HRS
WT: 1.0#
FINISH: ZINC PLATED

PENZ PART NUMBER
60-04-ALUM
SIMILAR TO FRUEHAUF
MAT'L: 6001-T6 ALUMINUM
WT: 1.0#
FINISH: PRIMER

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*08-06-15
### PENZ PART NUMBER 65-01
MAT'L: HRS  
WT: .3#  
FINISH: MILL

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<th>WEIGHT</th>
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<td>65-03-09</td>
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### PENZ PART NUMBER 65-02
MAT'L: HRS  
WT: .8#  
FINISH: PRIMER

### PENZ PART NUMBER 65-03-XXXX
MAT'L: HRS  
WT: NOTED  
FINISH: ZINC PLATED

### PENZ PART NUMBER 65-04-NF
SIMILAR TO FRUEHAUF  
MAT'L: HRS  
WT: .5#  
FINISH: MILL

### PENZ PART NUMBER 65-05
SIM TO MINER  
MAT'L: HRS  
WT: .8#  
FINISH: MILL

### PENZ PART NUMBER 65-06
SIMILAR TO WABASH  
MAT'L: HRS  
WT: .6#  
FINISH: PRIMER

---

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*06-22-15*
HINGE BUTTS

PENZ PART NUMBER 65-07
SIMILAR TO GREAT DANE
MAT’L: HRS
WT: .2#
FINISH: MILL

PENZ PART NUMBER 65-08
SIMILAR TO EBERHEART & PINES
MAT’L: HRS P&O
WT: .6#
FINISH: MILL

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*06-22-15*
MISC. CLIPS, BRACKETS & FABRICATIONS

PENZ PART NUMBER 70–13
SIMILAR TO FRUEHAUF
MAT'L: 10Ga. HRS
WT: .8#
FINISH: NONE

PENZ PART NUMBER 70–14
CROSSMEMBER CLIP
MAT'L: 10Ga. HRS
WT: .7#
FINISH: NONE

PENZ PART NUMBER 70–14–ALUM
CROSSMEMBER CLIP
MAT'L: ALUMINUM
WT: .61#
FINISH: NONE

PENZ PART NUMBER 70–14–SPECIAL
CROSSMEMBER CLIP
MAT'L: 10Ga. HRS
WT: .8#
FINISH: NONE

PENZ PART NUMBER 70–14–ALUM–SPEC
CROSSMEMBER CLIP
MAT'L: ALUMINUM
WT: .65#
FINISH: NONE

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MISC. CLIPS, BRACKETS & FABRICATIONS

**RIGHT HAND SHOWN:**
PART No. 70-15-RH

**LEFT HAND OPPOSITE:**
PART No. 70-15-LH

---

**PENZ PART NUMBER 70-15-XX**

LIGHT BRACKET
MAT'L: 7Ga. HRS
WT: 13.7#
FINISH: PRIMER

---

**PENZ PART NUMBER 70-16**

MAT'L: 11Ga. HRS
WT: .6#
FINISH: PRIMER

---

**PENZ PART NUMBER 70-17**

LIGHT BRACKET
MAT'L: 7Ga. HRS
WT: 22.0#
FINISH: PRIMER
MISC. CLIPS, BRACKETS & FABRICATIONS

PENZ PART NUMBER
70-18
AIR TANK BRACKET
MAT’L: 1/4” HRS
WT: .5# FINISH: PRIMER
RIGHT SIDE SHOWN:
LEFT SIDE OPPOSITE:

PENZ PART NUMBER
70-19
LITE BRACKET
MAT’L: 12Ga. HRS
WT: .5# FINISH: PRIMER
RIGHT HAND SHOWN:
LEFT HAND OPPOSITE:

PENZ PART NUMBER
70-20A/XX
BOTTOM SILL SPLICE KIT
MAT’L: HRS
WT: SEE CHART FINISH: PRIMER

PENZ PART NUMBER
70-20X/XX
BOTTOM SILL SPLICE KIT
MAT’L: HRS
WT: SEE CHART FINISH: PRIMER

PENZ PART NUMBER
70-21F/XXX
SIMILAR TO MAERSK
MAT’L: HRS
WT: 4.3# FINISH: PRIMER
RIGHT HAND SHOWN:
LEFT HAND OPPOSITE:

PENZ PART NUMBER
70-21R/XX
SIMILAR TO MAERSK
MAT’L: HRS
WT: 7.3# FINISH: PRIMER

PENZ PART NUMBER
70-22
U BRACKET
MAT’L: 3/8” HRS
WT: 4.5# FINISH: PRIMER

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*11-19-15*
**MISC. CLIPS, BRACKETS & FABRICATIONS**

**PENZ PART NUMBER 70–27**

GUSSET  
MAT’L: 7Ga. HRS  
WT:.5#  
FINISH: ZINC PLATED

**PENZ PART NUMBER 70–28**

C—CHANNEL INSERT  
MAT’L: MC8X18.7 HRS  
WT: 4.7#  
FINISH: MILL

**PENZ PART NUMBER 70–29**

HUB BRACKET  
MAT’L: 1/8” HRS  
WT:.7#  
FINISH: ZINC PLATED

**PENZ PART NUMBER 70–30**

DOOR LOCK BOX & LATCH  
MAT’L: HRS  
WT: 6.3#  
FINISH: PRIMER

---

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*11–20–15*
MISC. CLIPS, BRACKETS & FABRICATIONS

BOLT ON STYLE

PENZ PART NUMBER 70-31
DOOR LOCK BOX & LATCH
MAT'L: HRS
WT: .9#
FINISH: PRIMER

PENZ PART NUMBER 70-32
LIGHT BRACKET SIM TO TRUCK LITE
MAT'L: 1/8" HRS
WT: .9#
FINISH: BLACK POWDER COAT

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*11–20–15
PENZ PART NUMBER
70-41
LOCKING BOX, W/LUG
MAT'L: HRS
WT: 3.8#
FINISH: PRIMER

PENZ PART NUMBER
70-42-XX
LITE BOX, STRICK STYLE
MAT'L: HRS
WT: 34.3#
FINISH: PRIMER

PENZ PART NUMBER
70-43
WIRE CLIP
MAT'L: 11 Ga. HRS
WT: .1#
FINISH: PRIMER

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MISC. CLIPS, BRACKETS & FABRICATIONS

PENZ PART NUMBER 70-44

VERTICAL ICC SUPPORT
MAT'L: 7Ga. HRP90
WT: 17#
FINISH: PRIMER

PENZ PART NUMBER 70-45

HANGER PIPE - 60"
MAT'L: STEEL PIPE SCH 40
WT: 11.35#
FINISH: PRIMER

PENZ PART NUMBER 70-46

CORNER POST CONVERSION KIT
MAT'L: 10Ga. HRS
WT: 28.8#
FINISH: PRIMER

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*11–23–15
MISC. CLIPS, BRACKETS & FABRICATIONS

PENZ PART NUMBER 70-47
FLOOR RETENTION CLIP
MAT'L: .07Ga. HRS
WT: .17#
FINISH: MILL

PENZ PART NUMBER 70-48
CROSS MEMBER CLIP
MAT'L: HRS
WT: .86#
FINISH: MILL

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<th>PART NO.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>Ø</th>
<th>MAT'L</th>
<th>WT :</th>
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<td>3 1/2&quot;</td>
<td>1/4&quot;</td>
<td>2&quot;</td>
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PENZ PART NUMBER 70-5X
REINFORCEMENT PLATE
MAT'L: SEE CHART
WT: SEE CHART
FINISH: MILL

PENZ PART NUMBER 70-57
MAT'L: HRS
WT: .5#
FINISH: PRIMER

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*05-07-19*
MISC. CLIPS, BRACKETS & FABRICATIONS

---

**PENZ PART NUMBER**

**70-59**

**BAR BRACKET**

**MAT'L:** HRS  
**WT:** 5.74#  
**FINISH:** MILL

---

**PENZ PART NUMBER**

**70-60**

**PLATE**

**MAT'L:** HRS  
**WT:** 3.29#  
**FINISH:** MILL

---

**PENZ PART NUMBER**

**70-61**

**BRACKET**

**MAT'L:** HRS  
**WT:** 1.77#  
**FINISH:** MILL

---

**PENZ PRODUCTS, INC. – STEEL DIVISION**

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*10-26-16*
## MISC. CLIPS, BRACKETS & FABRICATIONS

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<tr>
<td>2</td>
<td>70-65-2</td>
<td>4&quot; x 12&quot; BAR</td>
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<tr>
<td>3</td>
<td>70-65-3</td>
<td>SUPPORT BAR WITH FORMED ANGLE</td>
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</table>

**PENZ PART NUMBER 70-65-KIT**

SUPPORT KIT

MAT'L: HRS

WT: 19.67#

FINISH: MILL

**PENZ PART NUMBER 70-65-1**

MAT'L: HRS

WT: 2.87#

FINISH: MILL

**PENZ PART NUMBER 70-65-2**

MAT'L: HRS

WT: 5.10#

FINISH: MILL

**PENZ PART NUMBER 70-65-3**

MAT'L: HRS

WT: 11.7#

FINISH: MILL

---

PENZ PRODUCTS, INC. – STEEL DIVISION

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*01-13-17*
### MISC. CLIPS, BRACKETS & FABRICATIONS

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#### PENZ PART NUMBER

- **PENZ PART NUMBER**
  - **70-66-KIT**
  - SUPPORT KIT
  - MAT'L: HRS
  - WT: 22.27#
  - FINISH: MILL

- **PENZ PART NUMBER**
  - **70-66-1**
  - MAT'L: HRS
  - WT: 5.46#
  - FINISH: MILL

- **PENZ PART NUMBER**
  - **70-66-2**
  - MAT'L: HRS
  - WT: 16.81#
  - FINISH: MILL

---

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*01-13-17*
MISC. CLIPS, BRACKETS & FABRICATIONS

PENZ PART NUMBER
70-67
FORMED PLATE
MAT'L: HRS
WT: 169#
FINISH: MILL

PENZ PART NUMBER
70-68
SUPPORT PLATE
MAT'L: HRS
WT: 15.31#
FINISH: MILL
MISC. CLIPS, BRACKETS & FABRICATIONS

PENZ PART NUMBER
70–69
TRIANGLE BRACKET
MAT'L: HRS
WT: 2.06#
FINISH: MILL

PENZ PART NUMBER
70–70
REPLACEMENT RAIL
MAT'L: HRS
WT: 35.34#
FINISH: MILL

PENZ PART NUMBER
70–71
FORMED PLATE
MAT'L: HRS
WT: 102.4#
FINISH: MILL
PENZ Products, Inc. prides itself on the quality, versatility and competitiveness built into our line of Container Securement Devices. These units are designed for O.E.M. use, as well as aftermarket. Great care is taken to meet, or exceed industry standards. Penz units are tested by an independent outside testing laboratory. Test results are available upon written request.

Please do not hesitate to contact PENZ should you require modifications to an existing unit, or a custom designed unit. Our Engineering and Fabrication Departments are well qualified to meet your needs.

<table>
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<td>3/8-16UNC LOCKNUT</td>
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<td>17-07/R</td>
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<td>WASHER, USS FLAT, SIZE 3/8</td>
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PENZ PART NUMBER 90-01-XX

LOCK PIN ASSEMBLY
SIMILAR TO SCHULTZ: FB55HL
WT: 13.8#
**PENZ CONTAINER SECUREMENT DEVICES**

### TWIST LOCK ASSEMBLY

**WT:** 29.5#  
**FINISH:** PRIMER

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**RIGHT HAND SHOWN:**  
PART No. 90-05-RH  
LEFT HAND OPPOSITE:  
PART No. 90-05-LH

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**PENZ CONTAINER SECUREMENT DEVICES**

**WT:** 29.4#  
**FINISH:** PRIMER

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**RIGHT HAND SHOWN:**  
PART No. 90-05/A-RH  
LEFT HAND OPPOSITE:  
PART No. 90-05/A-LH

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**PENZ CONTAINER SECUREMENT DEVICES**

**RIGHT HAND SHOWN:**  
PART No. 90-05/A/XX  
LEFT HAND OPPOSITE:  
PART No. 90-05/A-XX

**WT:** 29.4#  
**FINISH:** PRIMER

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**PENZ PRODUCTS, INC. – STEEL DIVISION**

1320 S. Merrifield Ave. Mishawaka, IN 46544  Ph:(574) 255-4736  Fax:(574) 256-0640

*09-28-15*
**PENZ CONTAINER SECUREMENT DEVICES**

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**NOTE:** OLD STYLE #90-06-XX MAY REQUIRE RETROFIT.

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**PENZ PART NUMBER**

**90-06-XX**
TWIST LOCK ASSEMBLY
RETRACTABLE STYLE
WT: 29.0#
FINISH: PRIMER

**PENZ PART NUMBER**

**90-08AF**
TWIST LOCK ASSEMBLY
RETRACTABLE STYLE
WT: 18.5#
FINISH: PRIMER

---

* PENZ PRODUCTS, INC. - STEEL DIVISION
  1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640

*09-28-15*
## PENZ PART NUMBER

**90-08DB**

**DOUBLE TWIST LOCK ASSEMBLY**

WT: 66.02#  
FINISH: PRIMER

## PENZ CONTAINER SECUREMENT DEVICES

![Diagram of the device](image)

### Dimensions
- **25"**
- **8"**
- **4 1/4"**
- **6 3/8" (locked)**
- **9 5/8" (unlocked)**

### Item Breakdown

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SEE PART NUMBER
SE 90-12

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**OBSOLETE **
SEE PART NUMBER
SE 90-11
TWIST LOCK ASSEMBLY
SIMILAR TO TOCA/SCHULTZ
WT: 21.0#
FINISH: PRIMER

**OBSOLETE **
SEE PART NUMBER
SE 90-11-OT
TWIST LOCK ASSEMBLY
WT: 21.0#
FINISH: PRIMER

PENZ PRODUCTS, INC. - STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640

*06–19–18*
90-12-SERIES SECUREMENT DEVICES

**90-12**

- Dimensions:
  - Length: 5 1/2" (5 1/2"
  - Width: 4 5/16"
  - Height: 5/8"
- Weight: 21.0#

**90-12-OT**

- Dimensions:
  - Length: 5 1/2"
  - Width: 4 5/16"
  - Height: 5/8"
- Weight: 21.0#

**90-12-OT/A**

- Dimensions:
  - Length: 6 3/16"
  - Width: 4 5/16"
  - Height: 5/8"
- Weight: 20.6#

**90-12/B**

- Dimensions:
  - Length: 5 1/2"
  - Width: 4 5/16"
  - Height: 5/8"
- Weight: 19.0#

**90-12-OT/B**

- Dimensions:
  - Length: 5 1/2"
  - Width: 4 5/16"
  - Height: 5/8"
- Weight: 19.0#

**90-12-OT/C**

- Dimensions:
  - Length: 5 1/2"
  - Width: 4 5/16"
  - Height: 5/8"
- Weight: 19.0#
## 90-12-Series Securement Devices

### 90-12

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<td>7</td>
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<td>GREASE FITTING, 5/16</td>
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<td>NUT REV. LOCK, 9/16-12UNC-2A</td>
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<td>BOLT HEX HD 9/16-12 x 3 3/4&quot;</td>
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<tr>
<td>12</td>
<td>17.115/R-OT/B</td>
<td>STAINLESS COTTER PIN 1/8&quot;</td>
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### 90-12-OT/B

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<td>2</td>
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<tr>
<td>3</td>
<td>20-148-OT/B</td>
<td>HANDLE</td>
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<td>4</td>
<td>25-43-OT/B</td>
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### 90-12-OT/C

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<td>20-148-OT/C</td>
<td>HANDLE</td>
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<td>25-43-OT/C</td>
<td>LATCH BAR</td>
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PENZ PRODUCTS, INC. - STEEL DIVISION

1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640

*07-09-18*
PENZ CONTAINER SECUREMENT DEVICES

CHASSIS BOLSTER PLATE
NOT TO EXCEED 1/4"

UNLOCKED

LOCKED

BOM Table

ITEM NO. DESCRIPTION QTY. PART NUMBER

6  PIN, SPLIT 5/16Dia. x 3/4" 1 25-14/R

5  GREASE FITTING, 5/16 1 17-04/R

4  PIN, SPLIT, 3/8 DIA. x 2 1/2" 1 17-13/R

3  LATCH 1 25-10HD

2  HOUSING 1 80-14HDC

1  LATCH/ PIN, CAST 1 20-84HDC

LEFT HAND SHOWN:
PART No. 90-14HDC-LH
RIGHT HAND OPPOSITE:
PART No. 90-14HDC-RH

PENZ PRODUCTS, INC. - STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640
### 90-16-SERIES RETRACTABLE SECURMENT DEVICES

#### 90-16

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<td>HOUSING</td>
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<td>2</td>
<td>15.138</td>
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<td>3</td>
<td>80-16-2</td>
<td>RISER BLOCK ASSEMBLY</td>
<td>1</td>
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<td>4</td>
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<td>50-20</td>
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<td>BOLT HD, P16-12THRD x 3&quot; GR.5 2P</td>
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#### 90-16-OT/B

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<td>80-16-2</td>
<td>RISER BLOCK ASSEMBLY</td>
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<td>50-20</td>
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#### 90-16-OT/C

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<td>PIN SPLIT 1/4OA X 2&quot; SS</td>
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PENZ PRODUCTS, INC. – STEEL DIVISION
1320 S. Merrifield Ave.   Mishawaka, IN 46544   Ph:(574) 255-4736   Fax:(574) 256-0640
<table>
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<th>QTY.</th>
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**FINISH:** PRIMER

**WT:** 21.0#

---

**CONTAINER SECUREMENT DEVICES**

---

**PENZ PRODUCTS, INC. - STEEL DIVISION**

1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 256-4736 Fax:(574) 256-0640
**TWIST LOCK ASSEMBLY**

**RETRACTABLE STYLE**

**FINISH: PRIMER**

**WT: 21.0#**

**PART NUMBER**

**90-18-OT**

**ITEM NO.** | **DESCRIPTION** | **QTY.** | **PART NUMBER**
---|---|---|---
9 | NUT, LOCK 1/2-13 Z.P. | 1 | 17-23/R
8 | BOLT HEX HD, 1/2-13 x 3' GR.5 Z.P. | 1 | 17-62
7 | PIN SPLIT 1/4DIA X 2' SS | 1 | 17-45/R
6 | GREASE FITTING, 5/16 | 1 | 17-04/R
5 | TWIST LOCK HANDLE | 1 | 20-85
4 | T/L STAR NUT, PLATE | 1 | 15.102-2
3 | HOUSING | 1 | 80-18-1
2 | HOUSING SPACER, NO ZERK | 1 | 80-03-3/NZ
1 | TWIST LOCK | 1 | 15.102-1

**PENZ PRODUCTS, INC. – STEEL DIVISION**

1320 S. Merrifield Ave.  Mishawaka, IN 46544  Ph:(574) 255-4736  Fax:(574) 256-0640
# PENZ CONTAINER SECUREMENT DEVICES

**Diagram:**

- **Front Locking Pin Assembly**
- **PENZ Part Number:** 90-19-XX
- **Finish:** Primer
- **Weight:** 4.8# uninstalled

**OEM Similarity:**
- **HT:** Similar to Hyundai

**Description:**
- **Right Hand Shown:**
  - Part No. 90-19-RH
  - Part No. 90-19-LH

**Left Hand Opposite:**
- Part No. 90-19/H-XX

**Dimensions:**
- 13° - 18°
- 10°
- 23/16"
- 2 1/2"
- 5 3/4"
- 5 23/32"
- 3" LOCKED
- 9/32" UNLOCKED
- 5/8"
- 2 3/16"
- CHASSIS BOLSTE PLATE
  - NOT TO EXCEED 1/4"

**Item No.**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Qty.</th>
<th>Part Number</th>
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<tbody>
<tr>
<td>6</td>
<td>Bolt Hex HD, 1/4-20 UNC-2A x 1&quot;</td>
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<td>17-25</td>
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<td>Nut, 1/4-20 UNC-2B THRD.</td>
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<td>17-24</td>
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<td>Latch</td>
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<td>25-16</td>
</tr>
<tr>
<td>3</td>
<td>Handle</td>
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<td>20.111</td>
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<tr>
<td>2</td>
<td>Pin</td>
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<td>1</td>
<td>Lock Pin Housing</td>
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**Front Locking Pin Assembly**

- **PENZ Part Number:** 90-19/H-XX
- **Finish:** Primer
- **Weight:** 4.7# uninstalled

**Left Hand Opposite:**
- Part No. 90-19/H-LH

**Item No.**

<table>
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<th>Part Number</th>
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<td>Latch</td>
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<td>1</td>
<td>Lock Pin Housing</td>
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**PENZ PRODUCTS, INC. - STEEL DIVISION**

1320 S. Merrifield Ave.  Mishawaka, IN 46544  Ph: (574) 255-4736  Fax: (574) 256-0640
## PENZ CONTAINER SECUREMENT DEVICES

### PENZ PART NUMBER

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<tr>
<td>SIMILAR TO JB HUNT</td>
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<td>SIMILAR TO BJ HUNT</td>
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### ITEM NO. DESCRIPTION QTY. PART NUMBER

| 6 | NUT, 1/4-20UNC-2B THRD. | 1 | 17-24 |
| 5 | BOLT HEX HD, 1/4-20UNC-2A x 1” | 1 | 17-25 |
| 4 | LATCH | 1 | 25-16 |
| 3 | HANDLE | 1 | 20-86 |
| 2 | LOCK PIN HOUSING | 1 | 80-20-XX |
| 1 | LOCKING PIN | 1 | 30-28/CR |

**FRONT LOCKING PIN ASSEMBLY**

**SIMILAR TO JB HUNT**

**FINISH: PRIMER**

**WT: 4.9#**

**PENZ CONTAINER SECUREMENT DEVICES**

1320 S. Merrifield Ave.  Mishawaka, IN 46544  Ph:(574) 255–4736  Fax:(574) 256–0640
**PENZ CONTAINER SECUREMENT DEVICES**

---

### item no. description | qty. | part number
---
5 | PIN, SPLIT 5/16DIA. x 3/4" | 1 | 25-14/R
4 | PIN, SPLIT, 3/8 DIA. x 2 1/2" | 1 | 17-13/R
3 | LATCH, HD 5/16" | 1 | 25-10HD
2 | HOUSING | 1 | 80-14HD
1 | LOCK PIN W/HANDLE | 1 | 20.105

**LEFT HAND SHOWN:**
PART No. 90-31-LH

**RIGHT HAND OPPOSITE:**
PART No. 90-31-RH

**WT:** 5.5#
**FINISH:** PRIMER

---

### item no. description | qty. | part number
---
10 | PIN | 1 | 17-18/R
9 | HANDLE | 1 | 20.103-XX
8 | FORGED TWIST LOCK | 1 | 15.123
7 | 3/8-16UNC LOCKNUT | 1 | 17-07/R
6 | BOLT, HEX HD 3/8 X 3/4 | 1 | 17-41
5 | GREASE FITTING, 5/16 | 1 | 17-04/R
4 | COMPRESSION SPRING, SS | 1 | 50-20/R
3 | STEEL BALL | 2 | 16-01
2 | LATCH LEVER | 1 | 25-21
1 | HOUSING | 1 | 80-32-XX

**LEFT HAND SHOWN:**
PART No. 90-32-LH

**RIGHT HAND OPPOSITE:**
PART No. 90-32-RH

**WT:** 21.0#
**FINISH:** PRIMER

---

**PENZ PART NUMBER**

**90-31-XX**

**90-32-XX**

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*PENZ PRODUCTS, INC. - STEEL DIVISION*

*1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640*

*06-27-18*
**PENZ CONTAINER SECUREMENT DEVICES**

**RIGHT HAND SHOWN:**
- PART No. 90-32ABS-RH

**LEFT HAND OPPOSITE:**
- PART No. 90-32ABS-LH

---

**ITEM NO.** | **DESCRIPTION** | **QTY.** | **PART NUMBER**
---|---|---|---
10 | PIN | 1 | 17-18
9 | 3/8-16UNC LOCKNUT | 1 | 17-07/R
8 | BOLT, HEX HD 3/8 X 3/4 | 1 | 17-41
7 | GREASE FITTING, 5/16 | 1 | 17-04/R
6 | COMPRESSION SPRING, SS | 1 | 50-20/R
5 | STEEL BALL | 2 | 16-01
4 | HANDLE | 1 | 20-103-XX
3 | LATCH LEVER | 1 | 25-21
2 | HOUSING | 1 | 80-32ABS-XX
1 | FORGED TWIST LOCK | 1 | 15.123

**ITEM NO.** | **DESCRIPTION** | **QTY.** | **PART NUMBER**
---|---|---|---
11 | NUT REV. LOCK. 9/16-12UNC-2A | 17 | 17-12/R
10 | BOLT HEX HD 9/16-12 x 3 3/4" | 1 | 17-30/R
9 | 3/8-16UNC LOCKNUT | 1 | 17-07/R
8 | BOLT, HEX HD 3/8 X 3/4 | 1 | 17-41
7 | GREASE FITTING, 5/16 | 1 | 17-04/R
6 | COMPRESSION SPRING, SS | 1 | 50-20/R
5 | STEEL BALL | 2 | 16-01
4 | TWIST LOCK HANDLE | 1 | 20.110-XX
3 | LATCH LEVER | 1 | 25-21
2 | HOUSING | 1 | 80-32-XX
1 | FORGED TWIST LOCK | 1 | 15.126

---

**PENZ PART NUMBER**

**90-32ABS-XX**

**SIMILAR TO WESTLAKE**
- WT: 21.0# 
- FINISH: PRIMER

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**PENZ PART NUMBER**

**90-32C-XX**

**SIMILAR TO WESTLAKE**
- WT: 21.4# 
- FINISH: PRIMER

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**PENZ PRODUCTS, INC. – STEEL DIVISION**

1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640
**PENZ CONTAINER SECUREMENT DEVICES**

**TWIST LOCK ASSEMBLY**

**PENZ PART NUMBER**

**90-36/H-XXF**

RIGHT HAND SHOWN:
PART No. 90-36/H-RHF

LEFT HAND OPPOSITE:
PART No. 90-36/H-LHF

**ITEM NO.** | **DESCRIPTION** | **QTY.** | **PART NUMBER**
--- | --- | --- | ---
7 | NUT REV. LOCK, 9/16-12UNC-2A | 1 | 17-12/R
6 | BOLT HEX HD 9/16-12 x 3 3/4" | 1 | 17-30/R
5 | COMPRESSION SPRING, SS | 1 | 50-20/R
4 | STEEL BALL | 2 | 16-01
3 | TWIST LOCK HANDLE | 1 | 20.108-XX
2 | CASTING RISER BLOCK | 1 | 21-40/CAST
1 | FORGED TWIST LOCK | 1 | 15.130F

**90-36/ST-XXF**

RIGHT HAND SHOWN:
PART No. 90-36/ST-RHF

LEFT HAND OPPOSITE:
PART No. 90-36/ST-LHF

**ITEM NO.** | **DESCRIPTION** | **QTY.** | **PART NUMBER**
--- | --- | --- | ---
8 | NUT REV. LOCK, 9/16-12UNC-2A | 1 | 17-12/R
7 | BOLT HEX HD 9/16-12 x 3 3/4" | 1 | 17-30/R
6 | GREASE FITTING, 5/16 | 1 | 17-04/R
5 | COMPRESSION SPRING, SS | 1 | 50-20/R
4 | STEEL BALL | 2 | 16-01
3 | TWIST LOCK HANDLE | 1 | 20.114-XX
2 | RISER BLOCK W/GREASE FITTING | 1 | 80-35
1 | FORGED TWIST LOCK | 1 | 15.130F

FINISH: PRIMER

WT: 9.6#
**PENZ CONTAINER SECUREMENT DEVICES**

**ITEM NO.** | **DESCRIPTION** | **QTY.** | **PART NUMBER**  
--- | --- | --- | ---  
8 | NUT REV. LOCK, 9/16-12UNC-2A | 1 | 17-12/R  
7 | BOLT HEX HD 9/16-12 x 3 3/4" | 1 | 17-30/R  
6 | GREASE FITTING, 5/16 | 1 | 17-04/R  
5 | COMPRESSION SPRING, SS | 1 | 50-20/R  
4 | STEEL BALL | 2 | 16-01  
3 | TWIST LOCK HANDLE | 1 | 20.108-XX  
2 | RISER BLOCK W/GREASE FITTING | 1 | 80-35  
1 | FORGED STEEL TWIST LOCK | 1 | 15.132F  

**ITEM NO.** | **DESCRIPTION** | **QTY.** | **PART NUMBER**  
--- | --- | --- | ---  
4 | LATCH | 1 | 25-08  
3 | TWIST LOCK HANDLE | 1 | 20.116  
2 | FORGED TWIST LOCK HEAD | 1 | 15-00/DR/R  
1 | RISER BLOCK | 1 | 21-25  

**RIGHT HAND SHOWN:**  
PART No. 90-37-RHF  
LEFT HAND OPPOSITE:  
PART No. 90-37-LHF  

**RIGHT HAND SHOWN:**  
PART No. 90-38/KIT-RH  
LEFT HAND OPPOSITE:  
PART No. 90-38/KIT-LH  

**PENZ PART NUMBER**  
90–37–XXF  
TWIST LOCK ASSEMBLY  
WT: 9.6#  
FINISH: PRIMER  

**PENZ PART NUMBER**  
90–38/KIT–XX  
TWIST LOCK ASSEMBLY  
SIMILAR TO STRICK  
WT: 10.5#  
FINISH: PRIMER  

*06–27–18*
CHASSIS BOLSTER
NOT TO EXCEED 1/4"

RIGHT HAND SHOWN:
PART No. 90-390-RH
LEFT HAND OPPOSITE:
PART No. 90-39-LH

SIMILAR TO WESTLAKE
WT: 7.5#
FINISH: PRIMER

RIGHT HAND SHOWN:
PART No. 90-40-RH
LEFT HAND OPPOSITE:
PART No. 90-40-LH

FINISH: PRIMER
FRONT LOCKING PIN ASSEMBLY
WT: 6.1#

PENZ PRODUCTS, INC. – STEEL DIVISION
1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640

PENZ PART NUMBER
90-39-XX

ITEM NO. DESCRIPTION QTY. PART NUMBER
7 PIN 1 17-18
6 3/8-16UNC LOCKNUT 1 17-07/R
5 BOLT, HEX HD 3/8 X 3/4 1 17-41
4 LOCK PIN HANDLE 1 20-99-2
3 LOCK PIN 1 20-99-1
2 LATCH 1 25-28
1 LOCK PIN HOUSING 1 80-39

ITEM NO. DESCRIPTION QTY. PART NUMBER
7 PIN, SPLIT, 1/4" x 1 1/2" 1 17-31
6 NUT, 1/4-20UNC-2B THRD. 1 17-24
5 BOLT HEX HD, 1/4" 20UNC-2A x 1" 1 17-25
4 LATCH 1 25-28
3 LOCK PIN HANDLE 1 20-102
2 HOUSING 1 80-40-XX
1 LOCK PIN 1 30-31-XX
PENZ CONTAINER SECUREMENT DEVICES

**PENZ PART NUMBER**

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**PENZ PART NUMBER**

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**WT:** 9.4#  
**FINISH:** PRIMER  
**SIMILAR TO STRICK**

**PENZ PART NUMBER**

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**WT:** 9.4#  
**FINISH:** PRIMER  
**SIMILAR TO STRICK**

**PENZ PART NUMBER**

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**WT:** 9.4#  
**FINISH:** PRIMER  
**SIMILAR TO STRICK**

**PENZ PRODUCTS, INC. – STEEL DIVISION**

1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640  

*06–27–18*
PENZ CONTAINER SECUREMENT DEVICES

---

### PART NUMBER 90-43-XX

**TWIST LOCK ASSEMBLY**

- WT: 9.4#
- FINISH: PRIMER

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### PART NUMBER 90-44

**TWIST LOCK ASSEMBLY**

- WT: 9.6#
- FINISH: PRIMER

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PENZ PRODUCTS, INC. – STEEL DIVISION

1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph:(574) 255-4736 Fax:(574) 256-0640

*06-27-18*
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**LEFT HAND SHOWN:**
- PART No. 90-45-LH

**RIGHT HAND OPPOSITE:**
- PART No. 90-45-RH

**FINISH: PRIMER**

**WT: 7.1#**

---

**PENZ PART NUMBER 90-45-XX**

**TWIST LOCK ASSEMBLY**

**WT: 11.0#**

**FINISH: PRIMER**

---

**PENZ PART NUMBER 90-46-XX**

**TWIST LOCK ASSEMBLY**

**WT: 11.0#**

**FINISH: PRIMER**

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**PENZ PRODUCTS, INC. – STEEL DIVISION**

1320 S. Merrifield Ave.   Mishawaka, IN 46544   Ph: (574) 255-4736   Fax: (574) 256-0640
## PENZ CONTAINER SECUREMENT DEVICES

### RIGHT HAND SHOWN:
- PART No. 90-52-RH
- LEFT HAND OPPOSITE:
- PART No. 90-52-LH

### LEFT HAND OPPOSITE:
- PART No. 90-53-RH
- LEFT HAND OPPOSITE:
- PART No. 90-53-LH

### PENZ PART NUMBER

**90-52-XX**
- SCREW TWIST LOCK ASSEMBLY
- WT: 10.8#
- FINISH: PRIMER

**90-53-XX**
- TWIST LOCK ASSEMBLY
- WT: 10.4#
- FINISH: PRIMER

#### ITEM NO.  DESCRIPTION  QTY.  PART NUMBER

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**PENZ PRODUCTS, INC. - STEEL DIVISION**

1320 S. Merrifield Ave.  
Mishawaka, IN 46544  
Ph:(574) 255-4736  
Fax:(574) 256-0640

*06-27-18*
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<td>1/2-13 THIN NYLON INSERT LOCKNUT</td>
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## NON RETRACTABLE SECUREMENT DEVICES

### PENZ PART NUMBER
90-58QNR

**NON RETRACTABLE TWIST LOCK ASSEMBLY**

**WT:** 19.40#

**FINISH:** PRIMER

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*PENZ PRODUCTS, INC. - STEEL DIVISION*

1320 S. Merrifield Ave.  Mishawaka, IN 46544  Ph:(574) 255-4736  Fax:(574) 256-0640

*05–03–19*
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**PENZ PART NUMBER**

**90-58/INSERT KIT**

**INSERT KIT FOR 90-58**

**WT:** PRIMER

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**PENZ PRODUCTS, INC. - STEEL DIVISION**

1320 S. Merrifield Ave. Mishawaka, IN 46544 Ph: (574) 255-4736 Fax: (574) 256-0640

*11-14-19*