JANSEN

Ornamental Supply Co.



PARTS CATALOG 33

EST.1959

Catalog Terms, Ordering, & Shipping Info

BUSINESS HOURS:
Monday - Friday 7:30 am - 4:30 pm (PST)

HOW TO PLACE AN ORDER:
Phone: 800-423-4494 or 800-452-6736 (4JANSEN)
Local Call: 626-442-0271
Fax: 626-444-3847
E-Mail: jansensupply@gmail.com
Pick-up: Jansen Ornamental Supply's Warehouse
10926 Schmidt Rd., El Monte CA 91733

SHIPPING:
We ship nationwide and internationally. All orders called in before 3:30 pm (PST) are shipped the same day subject to in-house stock and credit approval. All orders are F.O.B. El Monte, California. We ship with UPS, Ontrac, FedEx, DHL, USPS and common carrier. Any claim for loss or damage must be filed by you against the carrier. Shipments may be subject to additional fees by the carrier.

LOCAL DELIVERY TO SO. CALIFORNIA AREA:
With your $100 order we deliver FREE to most cities in the Santa Barbara, San Luis Obispo, Fresno, Los Angeles, Orange, Riverside, San Bernardino, and San Diego Counties.





NO QUANTITY LIMIT:
We have no quantity limit on our products. All orders great and small are treated with the same care and great service as you have come to expect from Jansen's shipping department.

TERMS OF PAYMENT:
Jansen offers an in-house 30 day credit based upon other commercial credit. Credit terms are Net 30 days upon approval of a submitted and signed credit application. Credit application may be found in the back of this catalog or faxed for your convenience. We accept all major credit cards and debit cards (Visa, MasterCard, Discover, and American Express). Company checks are accepted only after approval of our credit department and bank verification. Return check fee for non-sufficient-funds is $25.00 per occurrence.

BACK ORDERS:
Your Jansen Salesperson will inform you at the time of your order if the stock is currently available. In the case of a back order we will ship the item as soon as the material becomes available.

PRODUCT INFO:
Product specifications, dimensions, and weight capacities can be subject to change without notice, due to manufacture changes not made aware to us or there might be slight dimensional variations in items that are hand forged, but these changes are kept up to date as possible. All drawings and dimensions shown in this catalog are for reference only.

RETURNED GOODS:
No returns are accepted after 30 days of purchase (no exceptions) and all returns must be authorized by a Jansen sales representative and may be subject to a 10% restocking fee. The merchandise must be returned in its original box, undamaged and in a "re-salable condition". **Any product cut, drilled, painted or altered in any way by the customer is non-returnable.** Credit will be issued when the product(s) are received at our warehouse. Freight must be paid by the customer unless a call tag is issued by a sales representative. We will be pleased to issue an in-store credit toward your next purchase or return your money in the manner it was received.

SPECIAL ORDER ITEMS:
No return or refunds on special orders and must be paid for in advance prior to ordering it.

DAMAGE OR MISSING ITEM CLAIMS:
Please inspect your shipment immediately. Upon receipt of your shipment any damages, shortages, or wrong items shipped must be reported to a Jansen sales representative within 5 business days of receiving your package(s).
If you do receive a damaged box with missing items from it, please keep the box and packing material for inspection by the carrier for up to two weeks. Please make note on the bill of lading any shortages or damage at the time of delivery in order to receive replacement, or for making a claim with your carrier.

PRICING:
Due to the erratic steel market, we no longer publish prices in our catalog, a separate price list is available by fax, mail or on our website see below.

To Down Load Our Price List

From any internet connection logon to:
www.jansensupply.com/userpassword.html
Type in the user name and password
Using lower case letters for both.



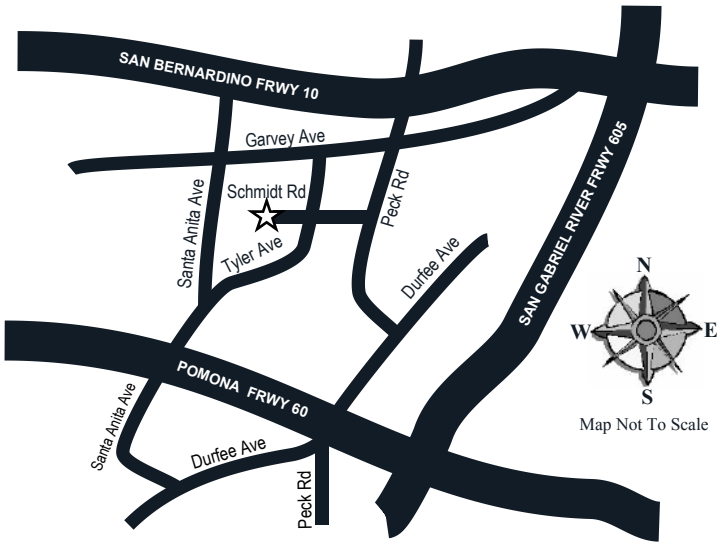
User Name: **jansen**
Password: **prices**

Price list is updated on a regular basis.

Online Catalog:
Misplace our catalog? You can view our entire catalog and download it's pages online at: WWW.JANSENSUPPLY.COM

The catalog is in .PDF form and can be viewed with most versions of Adobe Reader, which can be downloaded from adobe's website (Click the link at the bottom of our "Online Catalog" page)

Visiting us? Here's a Local Map of El Monte, CA



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GD0044

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SECTION 1
Gate Hardware









Gate Hardware

Gravity Gate Latch
Weld-On Type "No Holes"
Plain Steel

Box Qty. - 10 Sets
Case - 100 Sets



Height: 1-3/4"
Width: 7/8"
Wt. 0.45 lb.

GH101NH

Zinc Plated

Box Qty. - 10 Sets
Case - 100 Sets



Height: 1-3/4"
Width: 7/8"
Wt. 0.45 lb.

GH101NHPL

Gravity Gate Latch
"With Screw Holes"
Plain Steel

Box Qty. - 10 Sets
Case - 100 Sets



Height: 1-7/8"
Width: 1-3/8"
Wt. 0.45 lb.

GH101

Zinc Plated

Box Qty. - 10 Sets
Case - 100 Sets



Height: 1-7/8"
Width: 1-3/8"
Wt. 0.45 lb.

GH101PL

Extra Large Gravity Gate Latch
"With Screw Holes"
Painted Gloss Black Finish



Box Qty. - 50 Loose Sets

GH101BIG

4" H.x 2-1/4" W.
Bolt Size: 8"
Dia. Bolt: 7/16"
Wt. 0.95 lb.

Great For Trash Enclosures



T-Latch
Toggle-Action General-Purpose Lockable Gate Latch



4-3/4" H. X 1-9/16" D.
For Gap: 3/8" - 1 3/4"
Color: Black

T-Latch

TL01

LOKK•LATCH® Series 2
Lockable, General-Purpose Gate Latch



* No rust or corroding.
* Attractive modern styling.
* Super tough polymer.
* No more need for padlocks.
* Fits 1" - 6" posts.
* One size fits metal, wood & vinyl.
* Limited lifetime warranty.
* Uses a generic key for locking and unlocking.

LLAA

Box Qty. - 10 Sets

Height: 4-9/16"
Width: 1-1/8"
Deep: 2-7/8"
Wt. 0.60 lb.

External Access Kit

The "External Access Kit" is an optiona accessory for the LOKK-LATCH that allows gates to be operated from outside the fence. Uses a generic key to locking and unlocking.
Wt. 0.25 lb.

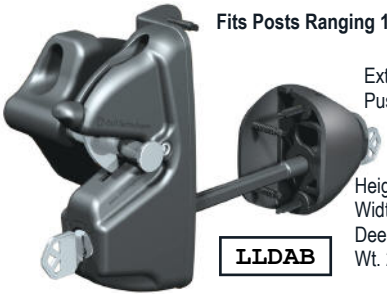
LLB



LOKK•LATCH® DELUXE

Designed with strength, style & security in mind.

Fits Posts Ranging 1-1/2" - 5"



External Push-Button

Height: 4-9/16"
Width: 2-3/4"
Deep: 4-3/4"
Wt. 2 lbs.

LLDAB

Locks and operates from either side. Fits metal, wood and vinyl gates. It can be keyed-alike to other products that have a Kwikset 6 pin keyway. Highly polished and won't rust. 316 stainless steel components. Made from super tough polymer. Fitting jig included. Easy installation requires only one hole drilled. The External Push-Button Access allows the gate to be opened and locked from either side of the fence.

LOKK•LATCH PRO® SL



Self-locking Operation Requires Key To Enter And Exit

* Rekeyable 6-pin Kwikset
* Now fits 6" posts
* Fitting jig included
* Installation quick & easy
* Commercial Grade
* One hole required to drill

The **Lokk-Latch Pro SL** can be operated and locked from either side of a gate, when the latch closes it will lock automatically for added security. A key is required to enter and exit, providing and extra dimension of security and making the Pro-SL an ideal choice for apartments, condos, gated communities, commercial and other security properties.

LLP1S Self-Locking For - Metal or Wood Gates Wt. 1.75 lbs.

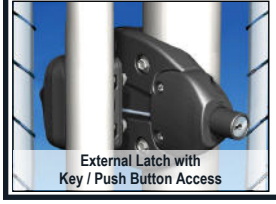
LLP2S Self-Locking For - Vinyl Gates Wt. 2 lbs.

LOKK•LATCH®
ROUND POST GRAVITY LATCH

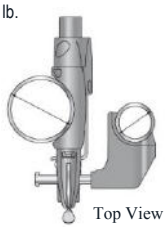
LLABRND



Gate Frame: 1-3/8" & 1-5/8"
Post: 1-7/8"-2", 2-3/8" & 2-7/8"
Stylishly designed to fit most diameters of round post gates and fences. It's Ideal for chain link, including gates around homes, tennis courts and farms. Will work across gate gaps of up to 2". **100% Rust Free Components.**
Wt. 1 lb.



External Latch with Key / Push Button Access



Top View



The ideal gate latch for safety gates around swimming pools and child safety area such as daycare centers. Highly child resistant, magnetic latching, key lockable for added security, and fully adjustable two-part design that provides easy accurate installation and long term reliable performance.

MAGNA•LATCH
MAGNETIC SAFETY GATE LATCH



MLVP

Vertical Pull
7-1/4" High
Wt. 1.2 lbs



MLTP

Top Pull
20-1/4" High
Wt. 1.5 lbs.

MLKEY



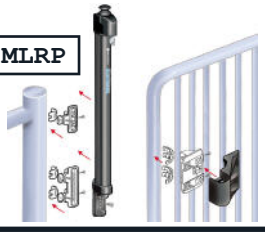
Spare Keys Available. All latches come keyed alike. Wt. 0.05 lb.

* **Easy To Install**
* **No Rust**
* **Tested To 400,000 Cycles**
* **Patented magnetic self-latching**

Round Post Adapter Kit

Kit includes brackets and shims to fit most common chain link and railing post diameters.
Post Dia. - 1-7/8", 2", 2-3/8", 2-7/8"
Gate Dia. - 1-3/8" or 1-5/8"
Wt. 0.50 lb.

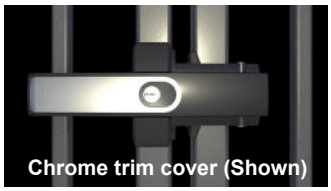
MLRP



Gate Hardware

LOKK-Latch MAGNETIC Gate Lock

LOKKLatch® MAGNETIC



The Lokk-Latch MAGNETIC self-latching lock can simultaneously open or lock the gate from either side of the fence. Fits any metal, wood or vinyl post gates. Fully adjustable. No welding required. 6 pin re-keyable. Non-handed. Made from strong engineering polymers and stainless steel components. Will not rust.

Fits square posts 1-1/2" - 6"
Gap Varience 3/8" - 1-1/4"
ADA Compliant

LLMKABT Black Trim K/A

Chrome and Brushed Trim Available

D&D Technologies



Black trim cover (Shown)
4-3/16" D. x 8-3/4" W. x 3-1/2" H. Wt. 1.6 lbs.

MAGNA•LATCH "SIDE PULL" Model

MAGNA•LATCH Side Pull general-purpose gate latches offer a simple and effective latching solution for gates around homes and gardens, with over 3/8" in vertical and horizontal adjustment for easy installation. These quality latches have no mechanical interference to closure, offering unprecedented reliability, safety and child resistance. Wt. 0.30 lb.



MLSP

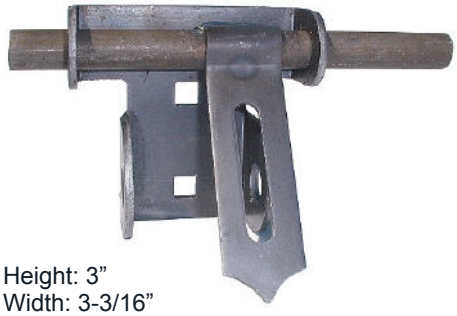
Old World Latch
Plain Metal Finish



Height: 3-3/16"
Width: 5-3/8"
Wt. 0.20 lb.

170/B/5

1/2" Dia. Slide Bolt
Plain Steel Finish



Height: 3"
Width: 3-3/16"
14 Gauge
2" Throw
1/2" Pin Dia.
Pad Lock Holes: 1/2" Dia.
Wt. 0.72 lb.

GH103

HEAVY DUTY SLIDE BOLT
With a 7/8" Dia. Bolt x 10" L.

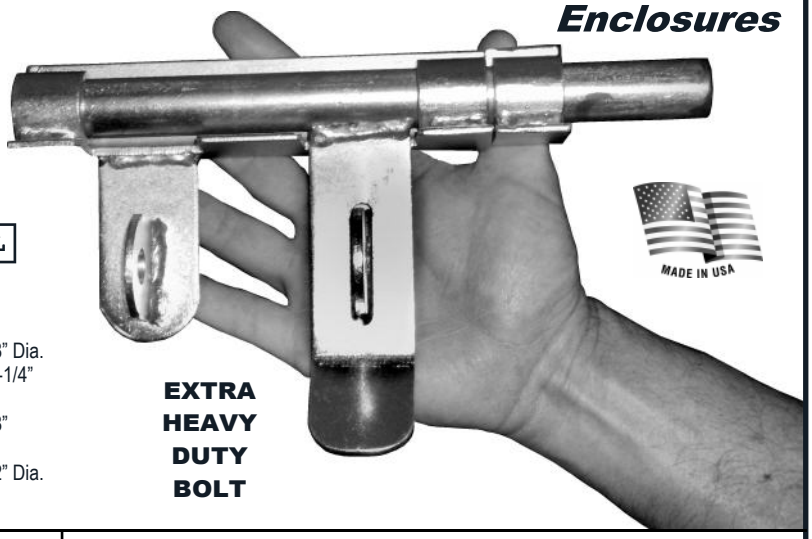
Great For Trash Enclosures

Plain Steel or Zinc Plated

GH103BIG
Plain Steel

GH103BIGPL
Zinc Plated

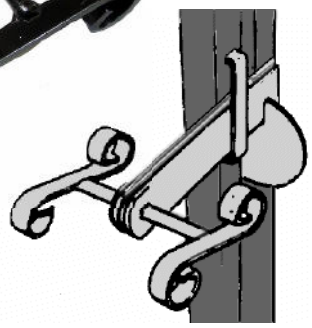
Bolt Diameter:	7/8" Dia.
Bolt Length:	10-1/4"
Bolt Throw:	3"
Mtl. Thickness:	1/8"
Main Body Width:	7"
Pad Lock Holes:	1/2" Dia.
Wt. 3.6 lbs	



Old Fashion Gate Latch
Painted Gloss Black Finish

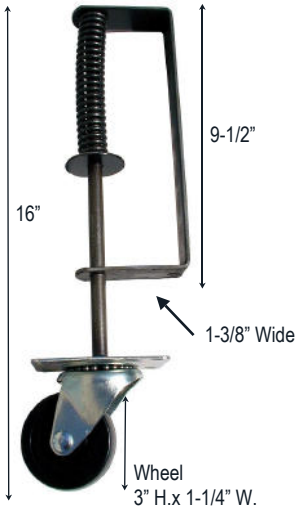


Length: 5"
Width: 5-1/4"
Wt. 1 lb.



OFGL

Swing Gate Support Wheel
Light Duty



1" Dia. x 5-3/4" Tall Spring
1/2" Rd. Diameter Steel Rod
3" Rubber Wheel
3" x 4" Cover Base Plate
Wt. 3.30 lbs.

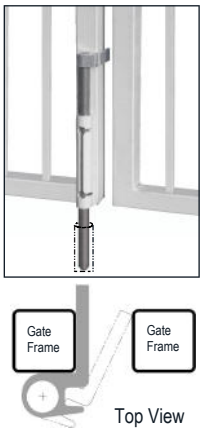
* 16" H. x 5" W.
* Spring Loaded Wheel
* Swivel Bearing Caster
* Helps to Support Swing Gates

SPRWHEEL

Gate Hardware

HEAVY DUTY
Cane Bolt for Swing Gates





* Easy to install on existing gates.
* No padlock needed, top handle gets trapped between the double gates when the gate is in the closed position.
* Galvanized steel or aluminum rod 3/4" Dia.
* Height adjustable to 4", 5-1/2" Throw.
* Quick Fix Mounting (fits all square posts, 1-1/2" minimum).
* Easy "Quick-Fix" fasteners included.
* Bolt - 19-1/4" L. ~ Top Handle - 2-1/2" L. ~ Head Block - 7-7/8" L.
* **Adaptor for round posts available - use adapter #6403.**

Part #	Description	Wt.
LOCVSAQFAL	Aluminum Finish with Aluminum Rod 3/4" Dia.	1.5 lbs.

Mechanical Cane Bolt
Padlock Feature - 1/2" & 3/4" Dia.
Plain Steel Finish or
Zinc Plated Finish



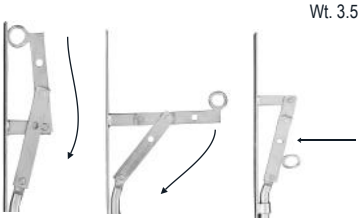
Length: 25-1/2"
Throw: 6-1/2"
Mounted on a
1" x 1/8" Flat Bar

GH122M 1/2
1/2" Diameter Bolt Plain Finish
Wt. 1.75 lbs.

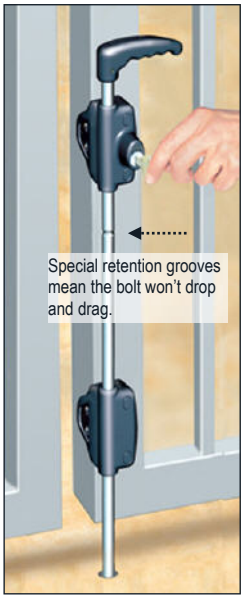
GH122M 1/2PL
1/2" Dia. Bolt Zinc Plated Finish
Wt. 1.75 lbs.

GH122M 3/4
3/4" Diameter Bolt Plain Finish
Wt.3.5 lbs.

GH122M 3/4PL
3/4" Dia. Bolt Zinc Plated Finish
Wt. 3.5 lbs.



LOKK·BOLT
Security Drop Bolt



This key-lockable device comes in two lengths (18" and 24") and is quick and simple to install on all gate and fence materials. It is equally as effective on pedestrian gates as it is on double-drive gates. Clever bolt retention grooves mean this cane-bolt will never drop, drag, bend or grind across driveways! 316 stainless steel rod.

LLCB18
18" x 9/16" Dia. Bolt
Wt. 2.75 lbs.

LLCB24
24" x 9/16" Dia. Bolt
Wt. 3.25 lbs

Lokk-Bolt models are now all keyed-alike. Kwikset keyway.

Models for wood and vinyl gates available.



Optional Base Plate
Sold Separately - 4-¾ Dia.
Special Order.

LBBPBG

Standard Cane Bolt
Cadmium Finish
12", 18" & 24" Lengths



1/2" Diameter bolt

GH12212
12" x 1/2" Dia. Bolt
Wt. 1.10 lbs.

GH12218
18" x 1/2" Dia. Bolt
Wt. 1.5 lbs.

GH12224
24" x 1/2" Dia. Bolt
Wt. 1.65 lbs.

Brackets are plain steel

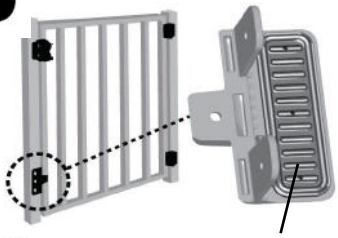
The Gate Stop
"Soft & Quiet"

The GATE-STOP is the ideal gate alignment device for preventing hinge, latch and gate damage, and for prolonging gate life. For gates higher than 4 ft, two GATE-STOPS may be required. Black Finish. White Color Available Special Order.



TCGS3

For Metal Gates
3-5/8" H. x 2-7/16" W.
Wt. 0.25 lb.



Rubber Shock Absorber



TCGS1

For Vinyl Gates
4-3/4" H. x 5-1/4" W.
Wt. 0.50 lb.

Gate Handle



The Lokk-Latch 'GATE-HANDLE' is a general-purpose device designed to fit all types of gates and gate materials. It offers the simple convenience of gate opening and closing for most commercial and household gate applications. Made with a strong glass-reinforced polymer construction. The Gate Handle fits left or right handed gates. Fits Metal, Vinyl or wood gates. Black Finish. White Color Available Special Order.
Wt. 0.25 lb.



LLHBG

5" H. x 1-1/4" W. x 1-1/2" D.

Gate Hardware

Batwing Female
Plain Steel Finish



Length: 1-1/2"
Width: 1"
Height: 7/8"
Hole Size: 1/2"
Wt. 0.10 lb.

100 PCs. per box

BTWG

Batwing Male
Plain Steel Finish



Length: 1-1/2"
Width: 1"
Height: 1-1/8"
Pin Size: 1/2" x 1"
Wt. 0.18 lb.

100 PCs. per box

BTWGMALE



BTWG and BTWGMALE combine makes a gate hinge with a 2" gap.

Hanger Bolts
Galvanized Finish

1/2" dia. X 4-1/2" Wt. 0.38 lb

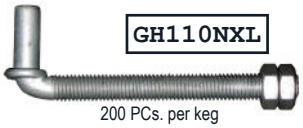
GH110N



350 PCs. per keg

5/8" dia. X 6" Wt. 0.73 lb

GH110NXL



200 PCs. per keg

Hanger Bolt Lag End
Galvanized Finish

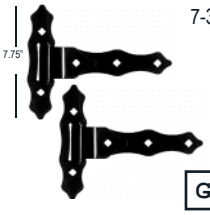
1/2" dia. X 4-1/2" Wt. 0.33 lb.

GH110LAG



350 PCs. per keg

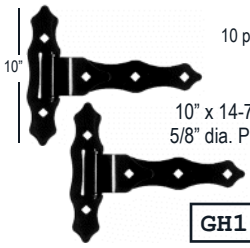
Continental T-Hinge
"For Wood Faced Gates"
Black finish with lag screws
Available in two sizes



7-3/4" x 9" x 11 ga.
1/2" dia. Pin
Wt. 2.5 lbs.

20 pr. per box

GH101-SX



10 pr. per box

10" x 14-7/8" x 11 ga.
5/8" dia. Pin Wt. 6 lbs.

GH104-SX
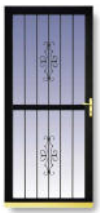
Round Pin Hinge
5/8 Dia. Body
With a 3/8" Pin Dia.

2" Height x 5/8" dia.
Wt. 0.35 lb.



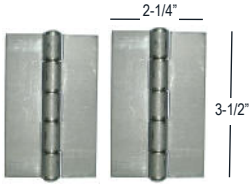
BHRD2

Great For Security Screen Doors



2-1/4" x 3-1/2" Butt Hinge
12 Gauge (.097)
Light Duty Swaged Hinge

Ideal for 1" Tubing
Our Most Popular Hinge



GH152

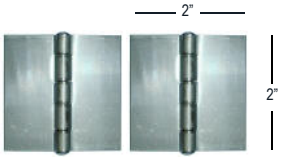
Hinge Gap 1/4"
Wt. 0.65 lb.
10 pr. per box
100 pr. per case



Swaged

2" x 2" Butt Hinge
13 Gauge (.080)
Light Duty Not Swaged Hinge

Ideal for 3/4" to 1" Tubing



GH152 2X2

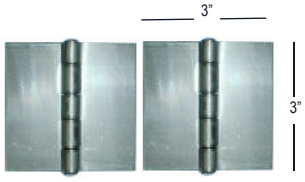
Hinge Gap 5/16"
Wt. 0.28 lb.
10 pr. per box
100 pr. per case



Not Swaged

3" x 3" Butt Hinge
12 Gauge (.086)
Light Duty Swaged Hinge

Ideal for 1-1/4" to 1-1/2" Tubing



GH152 3X3

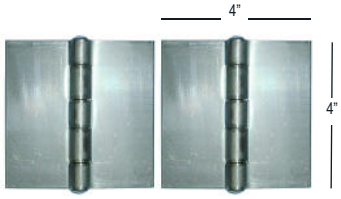
Hinge Gap 1/4"
Wt. 0.66 lb.
10 pr. per box
100 pr. per case



Swaged

4" x 4" Butt Hinge
12 Gauge (.093)
Light Duty Swaged Hinge

Ideal for 1-1/2" to 2" Tubing



GH152 4X4

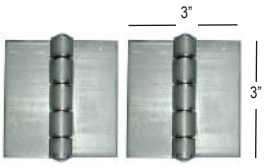
Hinge Gap 5/16"
Wt. 1.25 lbs.
5 pr. per box
50 pr. per case



Swaged

3" x 3" Butt Hinge
11 Gauge (.125)
Heavy Duty Not Swaged Hinge

Ideal for 1-1/4" to 1-1/2" Tubing



Hinge Gap 5/8", Wt. 0.95 lb. per pr.
5 pr. per box, 50 pr. per case

1850 3X3 Plain Steel

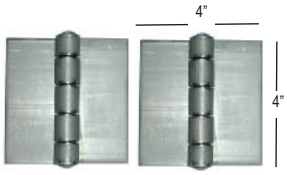
1850 3X3PL Zinc Plated



Not Swaged

4" x 4" Butt Hinge
7 Gauge (.177)
Heavy Duty Not Swaged Hinge

Ideal for 1-1/2" to 2" Tubing



Hinge Gap 3/4", Wt. 2.15 lbs. per pr.
5 pr. per box, 25 pr. per case

1850 4X4 Plain Steel

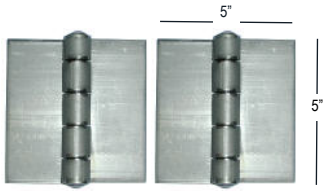
1850 4X4PL Zinc Plated



Not Swaged

5" x 5" Butt Hinge
7 Gauge (.177)
Heavy Duty Not Swaged Hinge

Ideal for 1-1/2" to 2" Tubing



Hinge Gap 3/4", Wt. 3.23 lbs. per pr.
2 pr. per box, 20 pr. per case

1850 5X5 Plain Steel

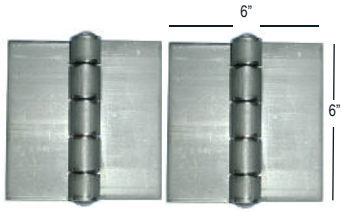
1850 5X5PL Zinc Plated



Not Swaged

6" x 6" Butt Hinge
6 Gauge (.197)
Heavy Duty Not Swaged Hinge

Ideal for 2" to 3" Tubing



Hinge Gap 1", Wt. 5.77 lbs. per pr.
2 pr. per box, 10 pr. per case

1850 6X6 Plain Steel

1850 6X6PL Zinc Plated



Not Swaged

Gate Hardware

TRU-CLOSE ADJUSTABLE, SELF-CLOSING GATE HINGES

Patented Tension Adjustment

* Remove endcap
* Depress and turn internal adjustor as required

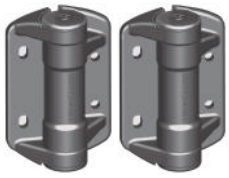
No RUST · NO SAG · NO STAIN · NO BIND



Made from special glass-fiber reinforced polymer materials. Stainless steel springs and bolts. Quick and easy tension adjustment. No welding required.

ALL DUO PRODUCTS ARE LIMITED LIFETIME WARRANTY

Regular Range Residential Adjustable, Self-Closing
Light to Medium Weight
For Pool & House **Metal** Gates



Height: 3-13/16"
Width: 2-1/2"
Wt.: 0.60 lb.
Color: Black
Gap: 1/4" to 7/8"
Mount Style: Flat
Opening: 180°
Application: For Metal
Self-closing gate weight: 55 lbs.
Tested to 75,000 cycles.
Stainless Steel Springs

TCA1
Sold in pairs
Fixing Holes: 7/32"
Made from super strong Engineering Polymer
METAL

Regular Range Residential Mini-Multi Adjustable, Self-Closing Hinges
Light to Medium Weight
For Pool & House **Metal** Gates
1" Horizontal & 1" Vertical Adjustments



MINI-MULTI ADJUST HINGE

Height: 3-3/4"
Width: 3-3/8"
Wt.: 1.25 lbs.
Gap: 3/4" to 1-1/2"
Color: Black
Legs: 2 Alignment legs
Mount Style: Face-fixed.
Opening: 180°
Application: For Metal
Self-closing gate weight: 55 lbs.
Tested to 75,000 cycles.
Stainless Steel Springs

TCAMA1
Sold in pairs
Fixing Holes: 7/32"
Made from super strong Engineering Polymer
METAL

Regular Range Residential Adjustable, Self-Closing
Light to Medium Weight
For Pool & House **Vinyl** Gates



Sold in pairs

TCA3
Fixing Holes: 7/32"
Made from super strong Engineering Polymer

Height: 5-1/4"
Width: 3-9/16"
Wt.: 0.70 lb.
Gap: 1/4" to 7/8"
Color: Black or White
Mount Style: Flat
Opening: 180°
Application: For Vinyl or Wood
Self-closing gate weight: 55 lbs.
Tested to 75,000 cycles.
Stainless Steel Springs

VINYL
WOOD

Heavy Duty Range Adjustable, Self-Closing
Heavy, Large, **Metal** Gates



Height: 5"
Width: 3-1/2"
Wt.: 1.2 lbs.
Gap: 1/4" to 1"
Color: Black
Mount Style: Flat
Opening: 180°
Application: For Metal
Self-closing gate weight: 132 lbs.
Tested to 200,000 cycles.
Stainless Steel Springs

TCHD1A
Sold in pairs
Fixing Holes: 1/4"
Made from super strong Engineering Polymer
METAL

Heavy Duty Range Adjustable, Self-Closing
Heavy, Large, **Metal** Gates
With Single Alignment Leg



Height: 5"
Width: 3-1/2"
Wt.: 1.3 lbs.
Gap: 1/4" to 1"
Color: Black
Legs: 1 Alignment Leg
Mount Style: Flat, Face Fixed
Opening: 180°
Application: For Metal
Self-closing gate weight: 132 lbs.
Tested to 200,000 cycles.
Stainless Steel Springs

TCHD1A-L1
Sold in pairs
Fixing Holes: 1/4"
Made from super strong Engineering Polymer
METAL

Heavy Duty Range 3 way Adjustable, Self-Closing
Heavy, Large, **Vinyl** Gates
With Two Alignment Legs
3/4" Horizontal & 3/4" Vertical Adjustments

Sold in pairs



MULTI ADJUST HINGE

TCHDMA1
Fixing Holes:1/4"

Height: 5"
Width: 6-7/8"
Wt.: 3 lbs.
Gap: 1/4" to 1"
Color: Black or White
Legs: 2 Alignment Leg
Mount Style: Face Fixed
Opening: 180°
Application: For Vinyl or Wood
Self-closing gate weight: 132 lbs.
Tested to 200,000 cycles.
Stainless Steel Springs

Made from super strong Engineering Polymer



VINYL WOOD

Regular Range Multi Adjustable, Self-Closing
Round Post **Chain Link** Gates
1-3/8" Horizontal & 3/4" Vertical Adjustments



MINI-MULTI ROUND HINGE

Sold in pairs
Fixing Holes:1/4"

TCAMA2RND

Made from super strong Engineering Polymer

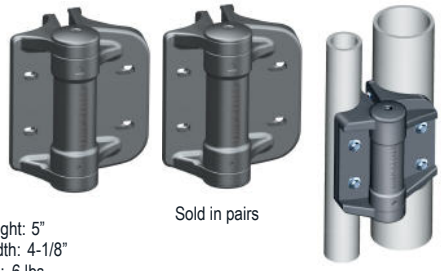


Height: 3-3/4"
Width: 4"
Wt.: 1.5 lbs.
Gap: Up to 2"
Color: Black
Legs: 2 Alignment Legs
Mount Style: Face Fixed
Opening: 180°
Application: For Chain Link
Self-closing gate weight:55 lbs.
Tested to 75,000 cycles.
Stainless Steel Springs

Gate Frame: 1-3/8 & 1-5/8"
Fence Post: 1-7/8" - 2", 2-3/8" & 2-7/8"

ROUND

Heavy Duty Range Adjustable, Self-Closing
Round Post **Chain Link** Gates



Sold in pairs

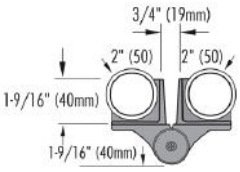
TCHDRND1
Gate Frame: 1-3/8 & 1-5/8"
Fence Post: 1-7/8" - 2", 2-3/8" & 2-7/8"

Height: 5"
Width: 4-1/8"
Wt.: 6 lbs.
Gap: 3/4" - 1-3/8"
Color: Black
Legs: 2 Alignment Legs
Mount Style: Face Fixed
Opening: 180°
Application: For Chain Link
Self-closing gate weight:132 lbs.
Tested to 200,000 cycles.
Stainless Steel Springs

Made from super strong Engineering Polymer
Fixing Holes: 1/4"
ROUND

Heavy Duty Range Adjustable, Self-Closing
Round Post **Chain Link** Gates





TCHDRND2
Sold in pairs
Gate Frame: 1-7/8 - 2"
Fence Post: 1-7/8" - 2", 2-7/8"

Height: 5"
Width: 4-3/4"
Wt.: 6 lbs.
Gap: 3/4" - 1-3/8"
Color: Black
Legs: 2 Alignment Legs
Mount Style: Face Fixed
Opening: 180°
Application: For Chain Link
Self-closing gate weight:132 lbs.
Tested to 200,000 cycles.
Stainless Steel Springs

Made from super strong Engineering Polymer
Fixing Holes: 1/4"
ROUND

Bommer Single Action Spring Hinges

Steel Material, Non-Handed, Adjustable Spring Tension



GH151-3 1/2

3-1/2" x 3-1/2"
Wt. 1.35 lbs.



GH151-4

4" x 4"
Wt. 1.75 lbs.



GH151-4 1/2

4-1/2" x 4-1/2"
Wt. 2.3 lbs.



GH151-6

6" x 4"
1-1/4" Hinge Leaf
Wt. 5.5 lbs.



GH151-7

7" x 4-1/2"
1-1/2" Hinge Leaf
Wt. 6.26 lbs.

Sold in Pairs

Bommer over 125 years of quality

Recommended Max. Door Weight					No. of Spring Hinges	No. of Butt Hinges
3.5 x 3.5	4 x 4	4.5 x 4.5	6 x 6	7 x 7		
70 lbs	85 lbs	115 lbs	125 lbs	130 lbs	2 Each	1 Each
90 lbs	110 lbs	150 lbs	155 lbs	175 lbs	3 Each	None

4" & 6" Double Action Steel Spring Hinges

Steel Material, Non-Handed, Adjustable Spring Tension, Gray Finish



For Door Thickness:
7/8" to 1-1/4"

GH151-4DBL

Sold in Pairs

3-1/2" W. x 4" H. x 1-1/4" D. (folded)
Wt. 3.75 lbs.

Max. Door Wt. 60 lbs. - 2 Hinges
Max. Door Wt. 75 lbs. - 3 Hinges



For Door Thickness:
1-1/4" to 1-3/4"

GH151-6DBL

Sold in Pairs

4-1/2" W. x 6" H. x 1-1/2" D. (folded)
Wt. 8.80 lbs.

Max. Door Wt. 75 lbs. - 2 Hinges
Max Door Wt. 107 lbs. - 3 Hinges

CI3850 Heavy Duty Self-Closing Hinge

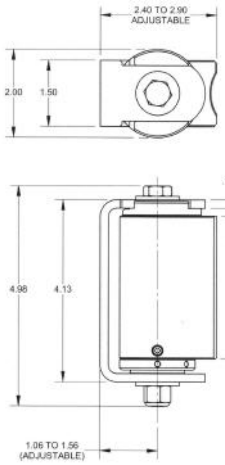
With 5 Tension Adjustments
Maintenance Free Bearings



Self-Closing Hinge



CI3000 Hinge



Set includes self-closing hinge and one CI3000 hinge.

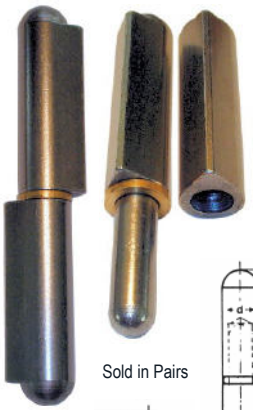
CI3850

* Load Rating: **2000 lbs.**
* Round or Flat post compatibility
* Adjustable yoke

Weld-On Teardrop Hinge

With Brass Washer and Fixed Pin

The two-piece weld on hinge is extremely popular due to its high weight load capacity as well as its professional appearance. It can be painted to match the door and frame, and is ideal for gates, steel doors, screen doors, and trailers. It can be welded on as lift-off or it can be permanently mounted. These weld-on hinges can also be galvanized for extra protection against the elements.

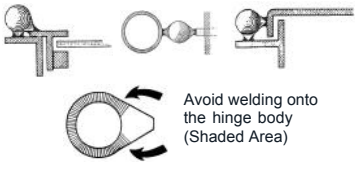


Sold in Pairs





Part #	Pin Dia	L	D	S	Rating	Wt.
STEEL HINGES with Steel Pins						
FES050	3/16"	2"	5/16"	13/32"	150 lbs	0.20 lb.
FES080	5/16	3-3/16"	1/2"	5/8"	300 lbs	0.40 lb.
FES100	13/32"	4"	5/8"	3/4"	400 lbs	0.80 lb.
FES150GF (w/grease fitting)	1/2"	6"	3/4"	1"	600 lbs	1.75 lbs.
FES200GF (w/grease fitting)	5/8"	8"	29/32"	1-1/8"	800 lbs	3.5 lbs.
FES260GF (w/grease fitting)	3/4"	10"	1-1/16"	1-7/16"	1000 lbs	6 lbs.
STAINLESS STEEL HINGES (AISI 304) - with Stainless Steel Pins						
V2A060	1/4"	2-3/8"	13/32"	15/32"	300 lbs	0.25 lb.
V2A080	5/16"	3-3/16"	1/2"	5/8"	350 lbs	0.40 lb.
V2A100	13/32"	4"	5/8"	3/4"	400 lbs	0.80 lb.
V2A150	1/2"	6"	3/4"	1"	500 lbs	1.75 lbs.
V2A200GF (w/grease fitting)	5/8"	8"	29/32"	1-1/8"	700 lbs	3.5 lbs.
ALUMINUM HINGES - with Stainless Steel Pins						
ALU100	13/32"	4"	5/8"	3/4"	400 lbs	0.25 lb.
ALU150GF (w/grease fitting)	1/2"	6"	3/4"	1"	550 lbs	0.75 lb.



Avoid welding onto the hinge body (Shaded Area)

Stainless Steel Hinges



Aluminum Hinges



Gate Hardware

Adjustable Pillow Block Hinge

This Continuous duty hinge has a sealed ball bearing and is in a housing that allows the bolt swivel, as well as rotate.



Weight Capacity: **1500 lbs.**
7-3/8" x 7/8" dia. J-Bolt
6" x 2" Wide Base Plate
Min. Hinge Gap: 4-1/2"
Grease Fittings
Wt. 11.5 lbs

H118

Adjustable Steel Barrel Hinges

Steel Ball Bearing, Grease Fitting

5-1/4" Overall Length



Overall Length: 5-1/4"
5/8" dia. x 4-1/4" Threaded Steel
Chrome Ball Bearing
500 lb Capacity
2" min. Hinge Gap
Plate Size: 1" x 2" x 3/8" Thick
Black Finish
Wt. 2.5 lbs.

BRHJ5

7-1/2" Overall Length



Overall Length: 7-1/2"
3/4" dia. x 6" Threaded Steel
Chrome Ball Bearing
900 lb Capacity
3-1/2" min. Hinge Gap
Plate Size: 1-1/2" x 3" x 3/8" Thick
Black Finish
Wt. 6 lbs.

BRHJ7

5" Round Barrel Body Hinge, 5/8" Dia. Stainless Steel Pin

Chrome Ball Bearing, Grease Fitting



Height: 5" x 1" Rd. Body
Gap: 1-3/4"
Rating: **600 lbs per pair**
Plate Size: 2" H. x 1" W. 3/8" Thick

BHRD5 With Plates Wt. 2.8 lbs.
BHRD5NP No Plates Wt. 1.8 lbs.

7" Round Barrel Body Hinge, 3/4" Dia. Stainless Steel Pin

Chrome Ball Bearing, Grease Fitting



Height: 7" x 1-3/8" Rd. Body
Gap: 2-1/8"
Rating: **900 lbs per pair**
Plate Size: 3" H. x 1-1/2" W. 3/8" Thick

BHRD7 With Plates Wt. 7 lbs.
BHRD7NP No Plates Wt. 5 lbs.

7" Round Barrel Body Hinge, 1-1/4" Dia. Stainless Steel Pin

Chrome Ball Bearing, Grease Fitting



Extra Heavy Duty Hinges W / Channel Plates

Height: 7" x 2-1/2" Rd. Body
Gap: 3-3/4"
Rating: **3000 lbs per pair**
Channel Plate: 2-3/4" L. x 2" W. 3/16" Thick x 3/4" H. Wt. 20.2 lbs.

BHRD7-2 1/2



Side View

4" Square Body Hinge, 1/2" Dia. Stainless Steel Pin

Chrome Ball Bearing, Grease Fitting



Height: 4" x 1" Sq. Body
Gap: 1-1/4"
Rating: **400 lbs per pair**
Wt. 2.6 lbs.

BHSQ4

6" Square Body Hinge, 5/8" Dia. Stainless Steel Pin

Chrome Ball Bearing, Grease Fitting



Height: 6" x 1-1/2" Sq. Body
Gap: 2"
Rating: **600 lbs per pair**
Wt. 7.9 lbs.

BHSQ6

8" Square Body Hinge, 3/4" Dia. Stainless Steel Pin

Chrome Ball Bearing, Grease Fitting



Height: 8" x 2" Sq. Body
Gap: 2-1/2"
Rating: **1200 lbs per pair**
Wt. 18.2 lbs.

BHSQ8

5" Rectangular Body Hinge, 5/8" Dia. Stainless Steel Pin

Chrome Ball Bearing, Grease Fitting



Height: 5" x 1" x 1-1/4" Rect. Body
Gap: 1-1/2"
Rating: **600 lbs per pair**
Wt. 3.8 lbs.

BHRC5

7" Rectangular Body Hinge, 3/4" Dia. Stainless Steel Pin

Chrome Ball Bearing, Grease Fitting



Height: 7" x 1-1/4" x 1-3/4" Rect. Body
Gap: 2-1/8"
Rating: **800 lbs per pair**
Wt. 8.6 lbs.

BHRC7

Zinc Plated 5" Round Barrel Body Hinge, 5/8" Dia. Chrome Plated Pin
Chrome Ball Bearing, Grease Fitting



Height: 5" x 1" Rd. Body
Gap: 1-3/4"
Plate Size:
2" H. x 1" W. x 3/8" Thick
Wt. 2.75 lbs.

JSBHRD5

Zinc Plated 7" Round Barrel Body Hinge, 3/4" Dia. Chrome Plated Pin
Chrome Ball Bearing, Grease Fitting



Height: 7" x 1-3/8" Rd. Body
Gap: 2-1/8"
Plate Size:
3" H. x 1-1/2" W. x 3/16" Thick
Wt. 8.5 lbs.

JSBHRD7

Zinc Plated 7" Round Barrel Body Hinge, 1-1/4" Dia. Chrome Plated Pin
Chrome Ball Bearing, Grease Fitting



Extra Heavy duty Hinges W/ Channel Plates

Height: 7" x 2-1/2" Rd. Body
Gap: 3-3/4"
Channel Plate:
2-3/4" L. x 1" H. x 2" W. x 3/16" Thick
Wt. 20 lbs.

JSBHRD7-2 1/2

Zinc Plated 4" Square Body Hinge, 1/2" Dia. Chrome Plated Pin
Chrome Ball Bearing, Grease Fitting



Height: 4" x 1" Sq. Body
Gap: 1-1/4"
1/2" Dia. Chrome Plated Pin
Wt. 2.5 lbs.

JSBHSQ4

Zinc Plated 6" Square Body Hinge, 5/8" Dia. Chrome Plated Pin
Chrome Ball Bearing, Grease Fitting



Height: 6" x 1-1/2" Sq. Body
Gap: 2"
5/8" Dia. Chrome Plated Pin
Wt. 7.75 lbs.

JSBHSQ6

Zinc Plated 8" Square Body Hinge, 3/4" Dia. Chrome Plated Pin
Chrome Ball Bearing, Grease Fitting



Height: 8" x 2" Sq. Body
Gap: 2-1/2"
3/4" Dia. Chrome Plated Pin
Wt. 17.5 lbs.

JSBHSQ8

Zinc Plated Adjustable Barrel Hinges
Steel Ball Bearing, Grease Fitting

5" Length



JSBRHJ5

Length: 5"
5/8" dia. X 3-3/4" Steel J-bolt
Chrome Ball Bearing
2" min. Hinge Gap
Plate Size: 1" x 2" x 3/8" Thick
Zinc Plated
Wt. 2.25 lbs.

7" Length

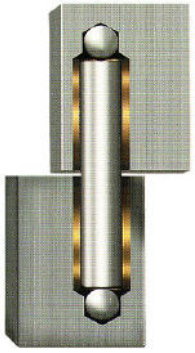


JSBRHJ7

Length: 7"
3/4" dia. X 5-3/4" Steel J-bolt
Chrome Ball Bearing
3-1/2" min. Hinge Gap
Plate Size: 1-1/2" x 3" x 3/8" Thick
Zinc Plated
Wt. 5.75 lbs.

POWER HINGE
Solid Cold Rolled Steel

Constructed of solid steel for use on steel gates with steel mounting posts. Designed for industrial applications such as high traffic condominiums. Weight Rating **3000 lbs**

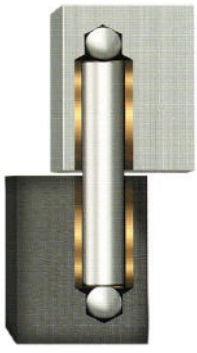


* 6-1/4" H. X 2-1/4" W. x 1-1/2" D.
* 3" Hinge Gap
* 1-1/2"Gate Frame Min.
* **3000** lbs per pair
* 3/4" Stainless Steel Pin
* Steel Floating Pin
* Bronze Bushings
* Maintenance Free
* 3/4" Ball Bearing Top & Bottom
* Wt. 11.5 lbs.

PWRHINGE

POWER HINGE 2
½ Cold Rolled Steel with ½ Aluminum

Half of this hinge is cold rolled solid steel and the other half is aluminum for use on aluminum gates with steel posts. Same size as PWRHINGE. Weight rating: **1000 lbs**

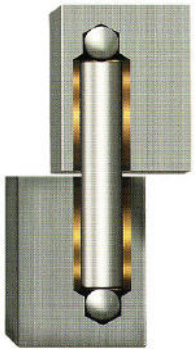


* 6-1/4" H. X 2-1/4" W. x 1-1/2" D.
* 3" Hinge Gap
* 1-1/2"Gate Frame Min.
* **1000** lbs per pair
* 3/4" Stainless Steel Pin
* Steel Floating Pin
* Bronze Bushings
* Maintenance Free
* 3/4" Ball Bearing Top & Bottom
* Wt. 8.5 lbs.

PWRHINGE2

POWER HINGE 3
All Aluminum Hinge

Constructed with solid aluminum for use on aluminum gates with aluminum posts. Same size as PWRHINGE. Weight rating: **1000 lbs**

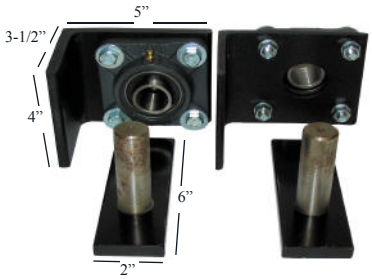


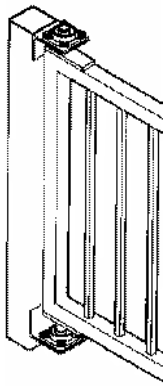
* 6-1/4" H. X 2-1/4" W. x 1-1/2" D.
* 3" Hinge Gap
* 1-1/2"Gate Frame Min.
* **1000** lbs per pair
* 3/4" Stainless Steel Pin
* Steel Floating Pin
* Bronze Bushings
* Maintenance Free
* 3/4" Ball Bearing Top & Bottom
* Wt. 5.25 lbs.

PWRHINGE3

Gate Hardware

Heavy Duty Swing Gate Bearing Hinges
With Adjustable Mounting Plate





* Self Aligning Bearing W / Grease Fitting
* Pin Dia. 1" x 3" with 2" x 6" x 1/2" Plate
* Bearing mounted on a Channel 3-1/2" x 5" x 4" Wide
* Fits 4" x 4" Post
* Pivots on 1" Round Cold Rolled Pin
* Bearings Swirl and Rotate
* **1000 lbs** Per Pair
* Wt. 13 lbs.

SWG600

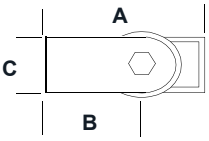
Heavy Duty Swing Bearing Hinges
With Sealed Bearings (2 Sizes Available)



HDRBH-3

Height: 3-1/2"
1/2 dia. X 4" H. Bolt
Wt. 5 lbs.
220° Degree Swing
Weight Rating: **1400 lbs.**
Size: A = 2-3/4"
Size: B = 1-7/8"
Size: C = 1-1/2"

The heavy duty swing hinges offer superior quality and value. Designed for very active or heavy gates where reliability is required. These hinges use a sealed radial ball bearings top and bottom with a hardened steel sleeve.





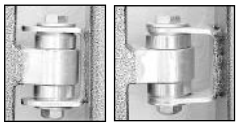
HDRBH-4

Height: 4-1/8"
5/8 dia. X 5" H. Bolt
Wt. 10.6 lbs.
220° Degree Swing
Weight Rating: **1700 lbs.**
Size: A = 4-1/4"
Size: B = 2-1/2"
Size: C = 2"

Standard Duty Swing Hinge
For **Round** or **Square** Posts
Adjustable / Zinc Plated
Rating: 2000 lbs. per pair

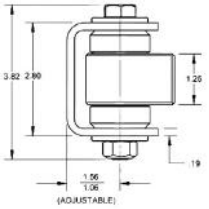
The Standard Swing Hinges are built with 2 sealed, maintenance free bearings. These hinges come with slotted yokes, which allows for a 1/2" of adjustment on each hinge.





Slotted Yoke Allows
For a 1/2" of Adjustment
On Each Hinge.

CI3000



Size: 3.8" H. x 1.5" W.
1-3/16" H. Welding Surface
Hinge Gap: 2.40 - 2.90" Adjustable
Rating: **2000 lbs per pair**
Maintenance Free Sealed Bearings
Fits Both Square and Round Posts
Zinc Plated - Wt. 5 lbs.

Heavy Duty Swing Hinge
For **Round** or **Square** Posts
Adjustable / Zinc Plated
Rating: 3000 lbs. per pair

The Heavy Duty Swing Hinges are built with 3 sealed, maintenance free bearings. These hinges come with slotted yokes, which allows for a 1/2" of adjustment on each hinge.



CI3500

Size: 3.8" H. x 1.5" W.
1-3/4" H. Welding Surface
Hinge Gap: 2.40 - 2.90" Adjustable
Rating: **3000 lbs per pair**
Maintenance Free Sealed Bearings
Fits Both Square and Round Posts
Zinc Plated - Wt. 7 lbs.

Helps reduce wear on automatic gate operator systems. Designed to be welded on round or flat posts or gates.

Single Bearing Swing Hinge
Ideal For Smaller Pedestrian Gates
Adjustable / Zinc Plated
Rating: 500 lbs. per pair

The Single Bearing Swing Hinges. These hinges come with slotted yokes, which allows for a 1/2" of adjustment for easy onsite Installations. These maintenance free hinges have an amazing smoothness due to the unique machined bushing design, which produces optimum efficiency from the sealed ball bearings.



CI3600

Size: 1.8" H. x 1.5" W.
Hinge Gap: 2.53 - 3.03" Adjustable
Rating: **500 lbs per pair**
Maintenance Free Sealed Bearings
Zinc-Plated
Wt. 2 lbs.

Maintenance Free ! No Greasing Needed !

Heavy Duty Uphill Hinge
With Bronze Bearings and Grease Fittings



Gate Shown in Open Position



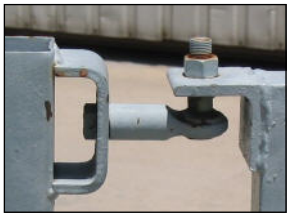
SWG606

Barrel Height: 6"
Big Plate: 3" H. x 10" W. x 1/2" Thick
Small Plate: 3" H. x 6" W. x 1/2" Thick
Hinge Gap: 1/2"
Shaft Size: 3/4"
Weight Rating: **2000 lbs**
Max. Lift: 15%
Commercial Applications
Sold in Pairs
Wt. 24 lbs.



Grease Fittings Included

Light Duty Uphill Hinge
With Heim Type / Ball Joint System





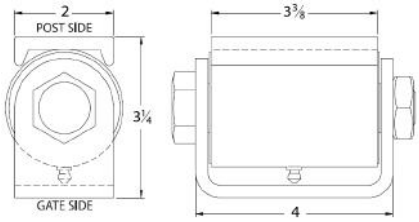


JUH

Self Aligning Hinge Set
Hinge Gap: 4-3/4"
Rating: **250-600 lbs**
(It depends on the gates height and width)
Wt. 11.5 lbs.

Heavy Duty Flat Mount Both Sides
Rating: **3000 lbs.** per pr.

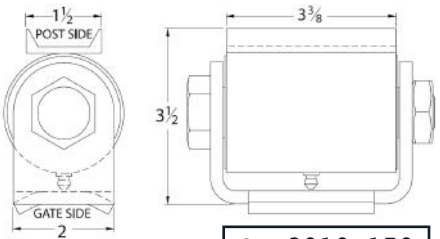




GUA2000.150

Heavy Duty Round Mount Both Sides
Rating: **3000 lbs.** per pr.

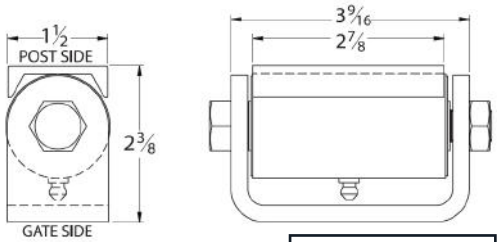




GUA2010.150

Standard Duty Flat Mount Both Sides
Rating: **1000 lbs.** per pr.

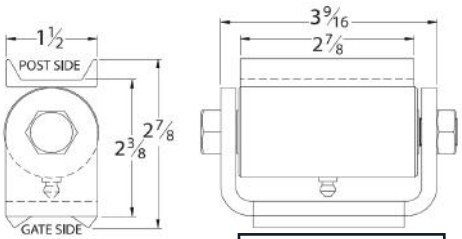




GUA2100.150

Standard Duty Round Mount Both Sides
Rating: **1000 lbs.** per pr.





GUA2110.150

3" Adjustable Flat Surface Mount Both Sides
Rating: **1200 lbs.** per pr.

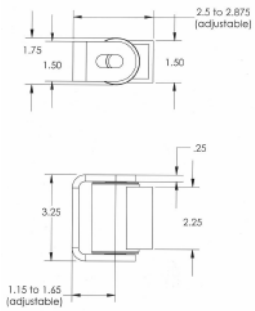


Hinge Gap: 2-1/2" - 3"

* Zinc Plated
* Sealed Bearings
* 1/2" dia. Bolt grade #5 with serrated flange nut.

3-1/4" H. X 1-1/2" W.

HBR-300A



4" Adjustable Flat Surface Mount Both Sides
Rating: **2800 lbs.** per pr.

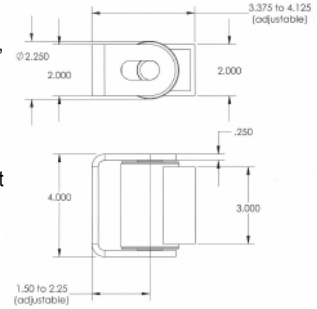


Hinge Gap: 3-3/4" - 4-1/4"

* Zinc Plated
* Sealed Bearings
* 3/4" dia. Bolt grade #5 with serrated flange nut

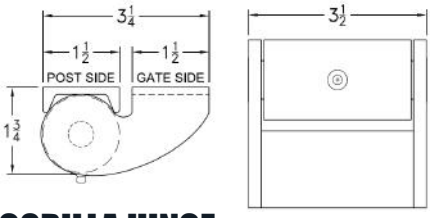
4-1/4" H. X 2" W.

HBR-400A



GORILLA Flat Surface Mount Both Sides
Rating: **1000 lbs.** per pr.



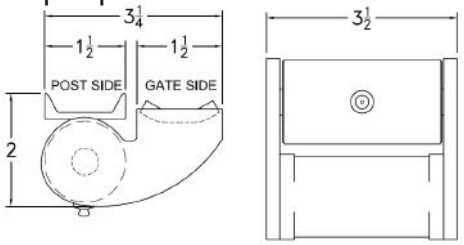


GORILLA HINGE

GUA2060.150

GORILLA Round Surface Mount Both Sides
Rating: **1000 lbs.** per pr.



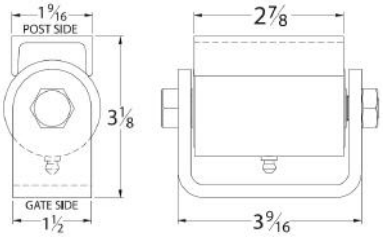


GORILLA HINGE

GUA2064.150

Standard Duty Flat Mount Both Sides
Stainless Steel, Rating: **1000 lbs.** per pr.



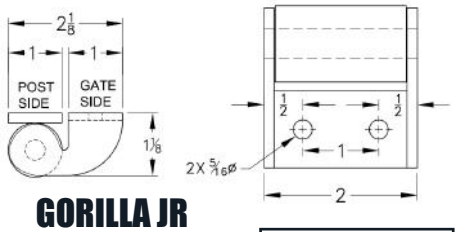


STAINLESS STEEL

GUA2180.100

GORILLA JR. Flat Surface Mount Both Sides
Rating: **250 lbs.** per pr.





GORILLA JR HINGE

GUA2070.150

Gate Hardware

SureClose Hinges

It's a Closer & Hinge in One Small Powerful Package!

CENTER MOUNT

SureClose SM 75001114



Load Bearing Only

SureClose 57 75057124i



Adjustable Self-Closing

SureClose 108 75108124i



Adjustable Self-Closing With Final Snap Action

FLUSH MOUNT

SureClose SM 75001214



Load Bearing Only

SureClose 57 75057224i



Adjustable Self-Closing

SureClose 108 75108224i



Adjustable Self-Closing With Final Snap Action

Kit / Weight	Combination Part # Hinges & Brackets	Description	Self-Closing Gate Weight	Hinge Gap	Hinge Post	Max Gate Swing	Point Load Capacity
CENTER MOUNT KITS							
0 LBS. CM	75001114 (2) + 7526 (2)	Load Bearing Only & Load Bearing Only	0 lbs.	2-1/2“ - 3”	2” +	90°	1,500 lbs.
90 LBS. CM	75057124i + 75001114 + 7526 (2)	Self Closing & Load Bearing	90 lbs.	2-1/2” - 3”	2-1/2” +	90°	1,500 lbs.
180 LBS. CM	75108124i + 75001114 + 7526 (2)	Self Closing with Final Snap & Load Bearing	180 lbs.	2-1/2” - 3”	3” +	90°	1,500 lbs.
260 LBS. CM	75108124i (2) + 7526 (2)	Self Closing with Final Snap x 2	260 lbs.	2-1/2” - 3”	3” +	90°	1,500 lbs.
FLUSH MOUNT KITS							
0 LBS. FM	75001214 (2) + 7525 (2)	Load Bearing Only & Load Bearing Only	0 lbs.	1/2”	2” +	180°	1,500 lbs.
90 LBS. FM	75057224i + 75001214 + 7525 (2)	Self Closing & Load Bearing	90 lbs.	1/2”	2-1/2” +	180°	1,500 lbs.
180 LBS. FM	75108224i + 75001214 + 7525 (2)	Self Closing with Final Snap & Load Bearing	180 lbs.	1/2”	3” +	180°	1,500 lbs.
260 LBS. FM	75108224i (2) + 7525 (2)	Self Closing with Final Snap x 2	260 lbs.	1/2”	3” +	180°	1,500 lbs.

CENTER MOUNT





Overhead View

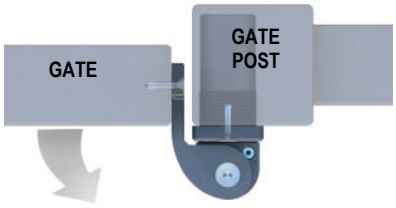
POST BRACKET



7526 Steel

FLUSH MOUNT





Overhead View

POST BRACKET

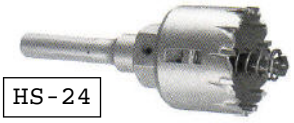


7525 Steel

SureClose

* Maintenance free.
* Visibly small footprint.
* Prevents gate slam noise.
* Self Closing Gates up to 260 lbs.
* Hydraulics are concealed within the post, providing a controlled, quiet close, in a tamper-resistant, compact design.

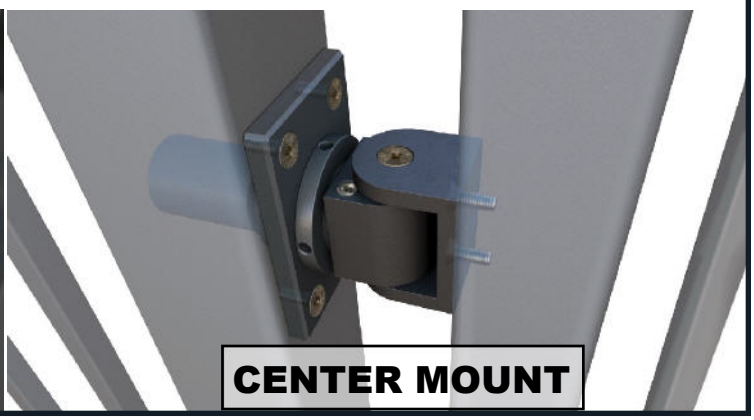
Metal Cutting Hole Saw 1-1/2” Diameter



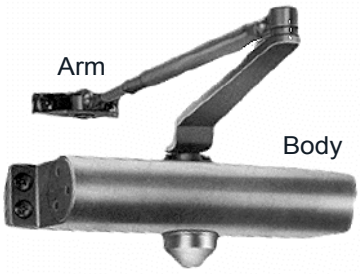
HS-24

1-½ dia. Hole Saw includes: Hole saw cutter-head, removeable shank (HS-S4), Pilot Bit, Spring.





Hydraulic Door Closer with Dual Valve Adjustments - Closing & Latching Speeds



Non-handed for standard, top jamb or parallel arm installation. ***Aluminum finish.*** Optional bracket available for parallel installation. Special order 1-2 days.

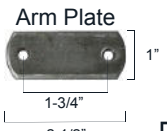
GH62
For Small 32" Door
8" Wide x 1-3/4" Height
Wt. 5 lbs.

GH63
For Medium 36" Door
8-3/4" Wide x 1-3/4" Height
Wt. 5.4 lbs.

GH65
For Large 48" Door
9-3/4" Wide x 1-3/4" Height
Wt. 6 lbs.

Mounting Plate 3/16" Thick - For GH62

Can be used on GH63 & GH65 with some modification. Plates are drilled and tapped. Screws included with each door closer. 62MPS - Wt. 0.10 lb. 62MPB - Wt. 0.60 lb.

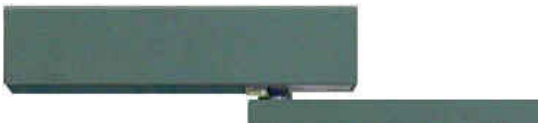


62MPS



62MPB

Swinger 300 Pedestrian Hydraulic Door Closer with Dual Valve Adjustments - Closing & Latching Speeds



INTSWINGER300

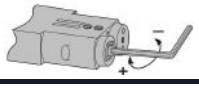
- 48" Gate - 300 lbs. Max.
- 2" x 4" x 12" x 16 ga. galvanized steel housing.
- Non-handed (right and left swing)
- Opens to a full 105°
- Fully adjustable top arm for proper gate alignment
- Adjustable zinc plated bottom hinge with sealed ball bearings rated for 350 lbs.
- Designed to close gate into latch position without slamming
- Smooth operation
- Adjustable spring power to accommodate various gate sizes
- Factory tested to over 1,000,000 cycles





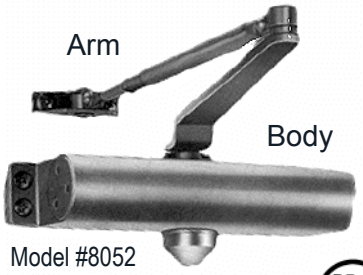
Comes with an adjustable zinc plated bottom hinge with sealed ball bearings rated for 350 lbs.

Spring power adjustable from 5 lbs of Opening Force (at "0" turns) to Medium Spring Tension (at "9" turns)



ADA Hydraulic Door Closer 8052

Handicap closer with adjustable spring power and adjustable delayed closing action controlled by a separate regulating valve, adjustable after installation.



Model #8052

INT8052AL

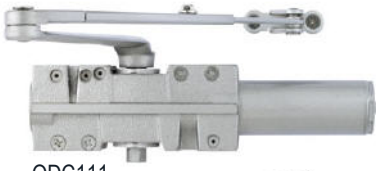
Aluminum Finish
5 lb. Opening Force

9-3/4" W. x 1-21/32" H. x 2-3/4" D.
Wt. 6.6 lbs.

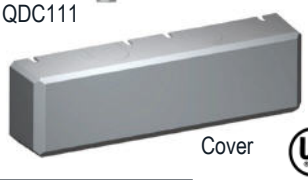
- Stable hydraulic door check fluid for any climatic operation and constant lubrication.
- Universal application. Non-handed for standard top jamb, regular arm, and parallel arm installation.
- Cast aluminum housing; forged steel arm.
- Furnished with regular, hold-open or fusible link hold-open arms.
- Underwriters' Laboratories Inc. Listed.
- Hold-open arms are adjustable for holding from 90 degrees to 180 degrees.

K2 Heavy Duty Door Closer Grade 1

3 Options for Mounting - Regular Arm, Top Jamb, & Parallel
6 Multi-Adjustable Settings for Weight & Width of the Gate



QDC111



Cover

K2QDC111X689 Silver Finish

K2QDC111X690 Bronze Finish



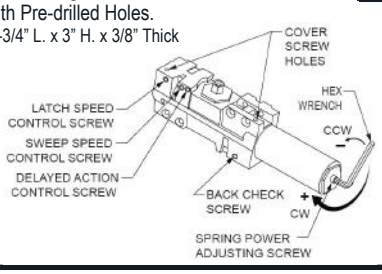
K2MPB

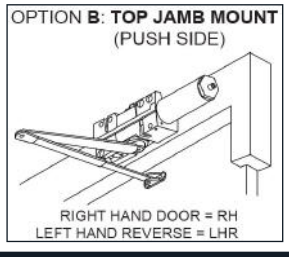
K2 Mounting Plate Available With Pre-drilled Holes.
12-3/4" L. x 3" H. x 3/8" Thick

QDC100 series big body door closers are designed for high-use commercial applications such as industrial, educational, and health care facilities where durable products are necessary.

- Non-handed.
- Cast iron construction.
- Staked valves prevent oil leaks from screws being backed out too far.
- Cover – plastic cover standard
- Wood and machine screws standard.
- Aluminum & Bronze finish.
- Warranty: Life time mechanical & 3 year finish.

Setting #	Exterior Door Width - Swing Out	Door Weight
1	28"	33-66 lbs.
2	32"	66-99 lbs.
3	36"	99-143 lbs.
4	42"	143-187 lbs.
5	48"	187-264 lbs.
6	54"	264-330 lbs.





Gate Hardware

Kant-Slam



KS

7-1/2" H. x 13" W. x 2-1/2" D.
Mounting Brackets - 3-1/4" x 1-3/4"
Weight Rating: **150 lbs**
Finish: Black, Low Gloss Enamel
One Year Factory Warranty
No Overhead Jamb Required
Wt. 5.25 lbs.

Hydraulic Door - Gate Closer Adjustable Closing Speed

To Adjust Closing Speed Just Rotate the Center Tube. No more Screw Adjustments.



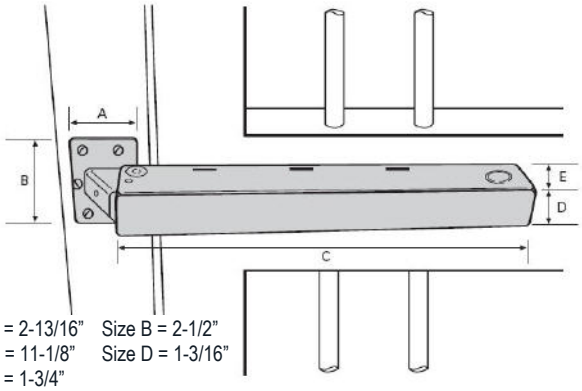
Residential Gate Closer
Designed For Self-Closing Gates Up to 36" Wide and up to 100 lbs max.



Inside View of the GC-2000

The gas powered pump is adjustable for both the closing and latching speeds. The closer is face fixed to the "pull side" of the gate and fitted with an optional *hold open* feature. The steel casing is finished in gloss black. The distance between the gate and post should be as close as possible, **1/4" to 3/8" gap recommended.**
Wt. 2.25 lbs.

GC-2000



Size A = 2-13/16" Size B = 2-1/2"
Size C = 11-1/8" Size D = 1-3/16"
Size E = 1-3/4"

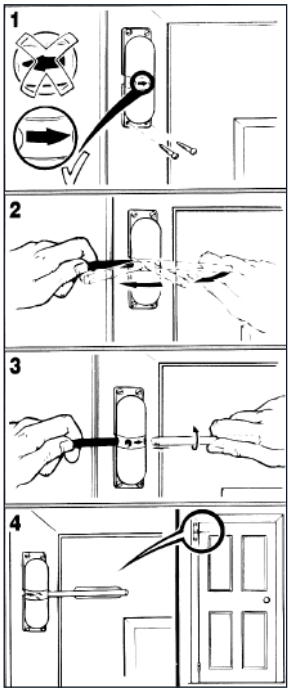
Gibcloser
Spring Door Closer



60 Years Quality Engineering

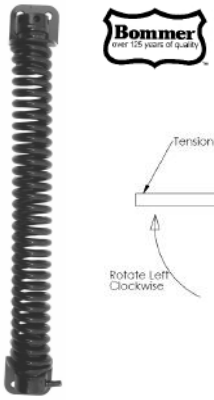
GIBC16

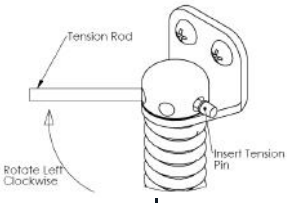
* Easy To Install
* 4-1/2" H. x 6" W.
* **150 lbs Rating**
* White Finish Only
* U.L. Listed
* Adjustable Tension
* Maintenance Free
* Non-Handed
* Ideal For All Doors
* Made from pot metal, cannot be welded and must be fastened with screws.
* Wt. 1 lb.





Bommer Gate Springs
Weldable Steel Head
9" and 12" Tall,
Adjustable Spring Tension,
Black Finish





9" H. x 7/8" Dia. Wt. 0.75 lb.
GH153

12" H. x 1-1/8" Dia. Wt. 1.75 lbs.
GH154A

Note: Do not apply more than 3 holes tension, maximum door weight 50 lbs 9"- Bommer #2410
12"- Bommer #2440

Economy Gate Springs
Weldable Steel Head
9" and 12" Tall,
Adjustable Spring Tension,
Black Finish



9" H. x 7/8" Dia. Wt. 0.75 lb.
JSGH153

12" H. x 1" Dia. Wt. 1.75 lbs.
JSGH154A

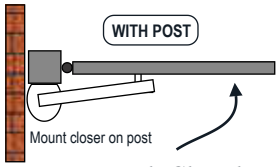
- WROUGHT STEEL HEADS
- ECONOMICAL CLOSING DEVICE
- ADJUSTABLE SPRING TENSION
- DO NOT APPLY MORE THAN 3 HOLES TENSION
- NON-HANDED

Verti-Close Gate Closer
Industrial Heavy Duty Gate Closer

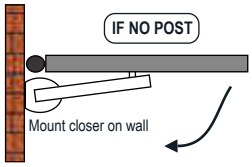




* Pushes or pulls door/gate closed, make sure this is appropriate for your application.
* Adjustable closing speed & closing pressure.
* Especially designed for exterior use: Rain & Frost-Proof.
* Designed with rustproof materials.
* Uses 90° or 180° hinges.
* Fixings: Anti-theft and vandalism proof 'quick-fix' attachment bolts.
* **Maximum gate size 4' Wide x 8' High. Up to 175 lbs**
* Can be used on right or left closing gates with fast and easy installation.
* Mechanical/hydraulic design for smooth care-free performance.
* Closes large gates and doors - easily, gently and smoothly and doors with low maintenance. Wt. 13.5 lbs.



Push Closed



Pull Closed



Samson Gate Closer

*For Steel, Aluminum, Vinyl, Chain Link and Wood Gates up to **180 lbs***

Powerful, but smooth closing, can be used for gates that are between 42" and 60" wide and up to 6 feet tall. These closers can handle gates or doors weighing up to 180 lbs.



26-3/4” L. x 8-3/4” H.
Wt: 10 lbs.

* Pushes door/gate closed, make sure this is appropriate for your application, it will not work for a door/gate that opens outward.
* Adjustable closing speed & closing pressure.
* Designed with rustproof materials.
* Can be blocked in open position at 110°.
* Fixings: Anti-Theft and Vandalism Proof.
* No more slamming gates.
* Can be used on right or left closing gates and doors.
* Self-closing unit complies with pool gate legislation restrictions.
* Residential model **SAMSON-250** is recommended for gates under 100 lb. closing force is adjustable between 45 to 68 lbs.
* Heavy-Duty model **SAMSON-400** is recommended for gates between 100-180 lbs. closing force adjustable between 68 to 101 lbs.

LOCSAMSON-250

Recommended for gates **under 100 lbs.**

LOCSAMSON-400

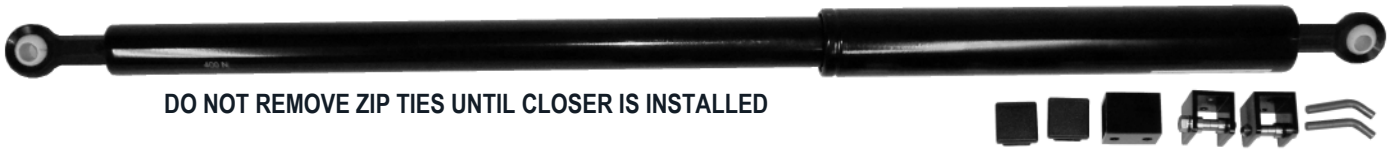
Recommended for gates **between 100 - 180 lbs.**





Lockey Hydraulic Pedestrian Gate Closer

TB200 - 125 lbs. / TB400 - 175 lbs Gate / TB600 - 250 lbs Gate



DO NOT REMOVE ZIP TIES UNTIL CLOSER IS INSTALLED

Lockey Pedestrian Gate Closers are an economic and reliable automatic gate closer for use with commercial gates. Unlike normal closing springs, Lockey Pedestrian Gate Closers do not slam gates shut. They firmly and quietly push gates closed, protecting your lock components and latching devices. The closing speed is pre-set to provide a controlled close of 8 seconds or more*, depending upon the weight of gate and quality of hinges. With this closer there is no risk of maladjustment or tampering with the speed adjustment after the closer is fitted. Lockey Pedestrian Gate Closers are extremely simple to install. Each gate closer kit includes mounting brackets, fitting bar and instructions. As with most gate closers, *it is advisable to install a mechanical stop to restrict the gate opening angle and avoid damaging the closer.* 31" length x 1-1/2" Dia. Max. Wt. 6.5 lbs. 6 Month Warranty.



Information below is based on non-solid core gates with no wind

Part #	Material	Finish	Opening Angle	Gate Wt.	Gate Width	Gate Material	Gate Closing Speed*	Opening Pressure
LKTB200	Steel	Black	Max. of 110°	Up to 125 lbs.	Up to 52"	Steel, Wood, Vinyl	Hydraulically Controlled	5-10#
LKTB400	Steel	Black	Max. of 110°	Up to 175 lbs.	Up to 64"	Steel, Wood, Vinyl	Hydraulically Controlled	7-12#
LKTB400-SS	Stainless Steel	Stainless Steel	Max. of 110°	Up to 175 lbs.	Up to 64"	Steel, Wood, Vinyl	Hydraulically Controlled	7-12#
LKTB600	Steel	Black	Max. of 110°	Up to 250 lbs.	Up to 72"	Steel, Wood, Vinyl	Hydraulically Controlled	12-16#
LKTB600-SS	Stainless Steel	Stainless Steel	Max. of 110°	Up to 250 lbs.	Up to 72"	Steel, Wood, Vinyl	Hydraulically Controlled	12-16#

4” x 1-1/2” Wide Cast Iron V-Groove Wheel





4” Wheel Box Available
See Page 1-17
VGRBOX4SL

4” Height x 1-1/2” Wide
Axle Dia. 1/2”
Hub Width 2”
Grease Fitting
Weight Rating **800 lbs**
Axle, Bolt & Nut Included
Wt. 3 lbs.

VGR4SL

4” x 2” Wide Cast Iron V-Groove Wheel





4” Wheel Box Available
See Page 1-17
VGRBOX4STD

4” Height x 2” Wide
Axle Dia. 1/2”
Hub Width 2-1/2”
Grease Fitting
Weight Rating **800 lbs**
Axle, Bolt & Nut Included
Wt. 4 lbs.

VGR4STD

6” x 2” Wide Cast Iron V-Groove Wheel





6” Wheel Box Available
See Page 1-17
VGRBOX6STD

6” Height x 2” Wide
Axle Dia. 1/2”
Hub Width 2-1/2”
Grease Fitting
Weight Rating **1000 lbs**
Axle, Bolt & Nut Included
Wt. 6 lbs.

VGR6STD

Elite Power Wheels

Cold Rolled Solid Steel V-Groove Wheel, Maintenance Free, Gold Zinc Plated

ELITE





4” & 6” Wheel Boxes Available
See Page 1-17
VGRBOX4SL
VGRBOX6SL



4” Height x 1-3/4” Wide
Axle Dia. 1/2”
Hub Width 2”
Sealed Ball Bearings
Weight Rating **3000 lbs**
Axle, Bolt & Nut Included
Wt. 5 lbs.

PWRWHEEL4

6” Height x 1-3/4” Wide
Axle Dia. 5/8”
Hub Width 2”
Sealed Ball Bearings
Weight Rating **5000 lbs**
Axle, Bolt & Nut Included
Wt. 12 lbs.

PWRWHEEL6

Elite Commercial “HEAT TREATED”

Solid Steel V-Groove Wheel, Great For High Traffic Situations!

ELITE





4” & 6” Wheel Boxes Available
See Page 1-17
VGRBOX4SL
VGRBOX6SL



4” Height x 1-3/4” Wide
Axle Dia. 1/2”
Hub Width 2”
Sealed Ball Bearings
Weight Rating **3000 lbs**
Axle, Bolt & Nut Included
Wt. 5 lbs.

PWRWHEEL2-4

6” Height x 1-3/4” Wide
Axle Dia. 5/8”
Hub Width 2”
Sealed Ball Bearings
Weight Rating **5000 lbs**
Axle, Bolt & Nut Included
Wt. 12 lbs.

PWRWHEEL2-6

4” or 6” Hard Plastic (UHMW) V-Groove Wheel With Bronze Bushings





4” & 6” Wheel Boxes Available
See Page 1-17
VGRBOX4SL
VGRBOX6SL



4” Height x 1-3/4” Wide
Axle Dia. 1/2”
Hub Width 2”
Bronze Bushing
Weight Rating **400 lbs**
Axle, Bolt & Nut Included
Wt. 1.1 lbs.

VGRPL4

6” Height x 1-3/4” Wide
Axle Dia. 1/2”
Hub Width 2”
Bronze Bushing
Weight Rating **600 lbs**
Axle, Bolt & Nut Included
Wt. 1.75 lbs.

VGRPL6





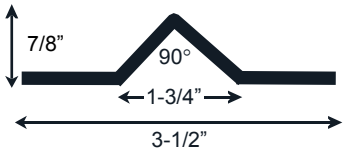
VTRACK

Galvanized Sliding Gate Track

VTRACK one of the quickest and simplest ways of laying track down. Light and strong for easy handling the VTRACK is made of galvanized steel with no welds to crack or break which helps fight against rust.
The VTRACK comes in 10 ft. and 20 ft long x 3-1/2” wide and made from 12 ga. galvanized steel with a 90° angle. It is made with a rounded top for easy vehicle passing and with several anchoring holes 3/8” in diameter. 10 ft track has 13 mounting holes, 20 ft track has 26 mounting holes.

VTRACK10 — **10 Ft. Length Wt. 14 lbs.**

VTRACK20 — **20 Ft. Length Wt. 28 lbs.**



Gate Hardware

4" V-Groove Wheel Boxes
11 Ga. Thick, 9/16" Dia. Hole
Fits Cast Iron V-Groove Wheels
For 2-1/2" Hub Width Wheels



Height: 3"
Width: 5"
Depth: 2-3/4"
11 Ga. Thick
Wt. 2 lbs.

VGRBOX4STD

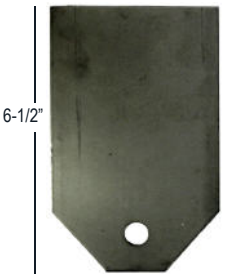
6" V-Groove Wheel Boxes
11 Ga. Thick, 9/16" Dia. Hole
Fits Cast Iron V-Groove Wheels
For 2-1/2" Hub Width Wheels



Height: 4"
Width: 7"
Depth: 2-3/4"
11 ga. Thick
Wt. 3.25 lbs.

VGRBOX6STD

V-Groove Mounting Plates



6-1/2" H. x 4" W.
11 Gauge
Hole Dia: 9/16"
Wt. 0.90 lb.

VGRMP

4" V-Groove Wheel Box
For 1-1/2" & 1-3/4" Wide Wheels
With 2" Hub Width



Height: 3-1/8"
Width: 4-7/8"
Depth: 2-1/4" x
1/8" Thick
Wt. 1.4 lbs.

VGRBOX4SL

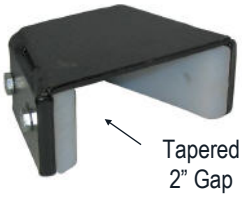
6" V-Groove Wheel Box
For 1-1/2" & 1-3/4" Wide Wheels
With 2" Hub Width



Height: 4"
Width: 6-1/2"
Depth: 2-1/4" x
3/16" Thick
Wt. 4 lbs.

VGRBOX6SL

Gate Stop
With Hard Plastic
Non-Marking U.H.M.W. Liner
For 2" Wide Gate Frames



3/8" Thick
2-3/16" Height
5-3/4" Wide
3-3/4" Deep
Removable White
Plastic Liners
U.H.M.W.
Wt. 3.3 lbs.

GS

Hard Plastic Guide Rollers 3", 6", 12" Tall
Black Non-Marking Plastic. U.H.M.W.
1-3/4" Dia. Roller with Weldable Mounting Bracket



All rollers include 1/2" dia. axle bolt, locknut or lock clip (12"), and weldable bracket (1-1/2" W. x 8 ga.)

Part #	Description	Wt.
GR3KTPL	3" Height x 1-3/4" Dia. Roller Total Offset 2-1/8"	1 lb.
GR6KTPL	6" Height x 1-3/4" Dia. Roller Total Offset 2-1/8"	1.6 lbs.
GR12KTPL	12" Height x 1-3/4" Dia. Roller Total Offset 2-1/8"	2.5 lbs.

Black Rubber Guide Rollers
3", 6" & 12" Tall - 2-1/2" Dia. Roller with Weldable Mounting Bracket and Roller Bearings



All rollers include 1/2" axle bolt, bearings, locknuts and a weldable bracket (1-3/8" W. x 9 ga.)

Part #	Description	Wt.
GR3KT	**3"** Height x 2-1/2" Dia. Roller Total Offset 2-7/8"	1.5 lb.
GR6KT	**6"** Height x 2-1/2" Dia. Roller Total Offset 2-7/8"	2.6 lbs.
GR12KT	**12"** Height x 2-1/2" Dia. Roller Total Offset 2-7/8"	4.8 lbs.

Heavy Duty Double Non-Marking White Guide Rollers
For *2" Wide* Gate Frames 6" & 12" *Hard Plastic* U.H.M.W.

Powder Coated
Black Frame
1-3/4" Dia. Rollers



6"

DR6

6" Removable White Rollers.
Angle bar frame (3/16" Thick x 1-1/2" W.) total width 6-1/2", 1/2" dia. stainless steel axle bolts with lock clips. Wt. 6.5 lbs.



12"

DR12

Two - 6" Removable White Rollers.
Angle bar frame (3/16" Thick x 1-1/2" W.) total width 6-1/2", 1/2" dia. stainless steel axle bolts with lock clips. Wt. 10.6 lbs.

6" & 12" *Deluxe* Hard Plastic Guide Rollers
White or Black Non-Marking Plastic. U.H.M.W.
With Weldable Mounting Bracket and **2-1/2" Dia. Roller**

All rollers include 1/2" axle bolt, bearings, locknut and bracket (1-1/2" W. x 3/16" Thick)



Part #	Description	Wt.
GR6KTPLHDB	**6"** Height x 2-1/2" Dia. Roller Total Offset 2-7/8" - **BLACK**	2.5 lbs
GR6KTPLHDW	**6"** Height x 2-1/2" Dia. Roller Total Offset 2-7/8" - **WHITE**	2.5 lbs
GR12KTPLHDB	**12"** Height x 2-1/2" Dia. Roller Total Offset 2-7/8" - **BLACK**	5 lbs.
GR12KTPLHDW	**12"** Height x 2-1/2" Dia. Roller Total Offset 2-7/8" - **WHITE**	5 lbs.

Gate Hardware

Gate Stop with rubber bumper



LOCGATESTOP

Aluminum gate stop. The rubber stop prevents the gate from being damaged. Height adjustable from 2-1/2" to 5-1/2". Can also be used as a wall stop. Includes anchor bolt.

2-1/2" dia. rubber bumper
2" base

5" Pipe Track Wheel Light Duty Riveted Together



PTW



For 1-5/8" O.D. Pipe
5/8" Dia. X 5" Bolt
Bracket Included - Wt. 2.75 lbs.

5" Pipe Track Wheel Hard Plastic U.H.M.W.



PTWPL

For 1-5/8" O.D. Pipe
5/8" Dia. X 3" Bolt
Bracket Included
Bronze Sleeve
White Plastic
Wt. 2 lbs.

Heavy Duty 5" Pipe Track Wheel

Cold Rolled Hardened



PWRPTW

Maintenance Free Steel Sealed Bearings

1-5/8" Pipe Slot
Weight Rating - **6000 lbs**
5/8" Dia. X 6" Bolt
Maintenance Free
Zinc Plated Finish
Wt. 9.25 lbs.

Galvanized Rolling Gate Wheel For Chain Link or Ornamental Iron Gates

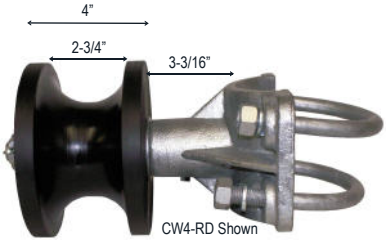


6" Rubber Wheels
14-1/2" Wide x 5/8" Dia. Axle
Fits 1-5/8" - 1-7/8" Pipe O.D. or Welds to Square Tube.
Wt. 9 lbs.

RGW

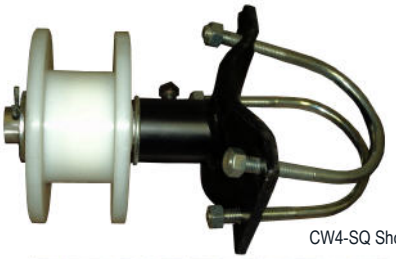


Nylon Cantilever Rollers For Round Posts



CW4-RD Shown

SPECIAL ORDER - ITEM -



CW4-SQ Shown



Cantilever Roller Safety Cover
Injected Molded High Impact Polymer Casing
Wt. 4 lbs

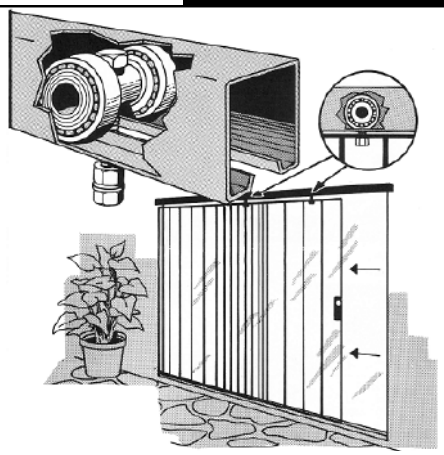
CWCOVER



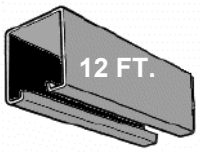


Part#	Description	Wt.
CW3-RD	For 3" Round Post Fits 1-7/8" O.D. Dia. Pipe	14 lbs.
CW3-SQ	For 3" Round Post Fits 2" Square Gate Frame	15 lbs.
CW4-RD	For 4" Round Post Fits 1-7/8" O.D. Dia. Pipe	15 lbs.
CW4-SQ	For 4" Round Post Fits 2" Square Gate Frame	15 lbs.

Gate Hardware

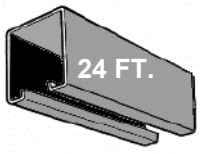


Standard Plain Steel Overhead Box Track
14 Gauge. 12 Ft or 24 Ft Lengths



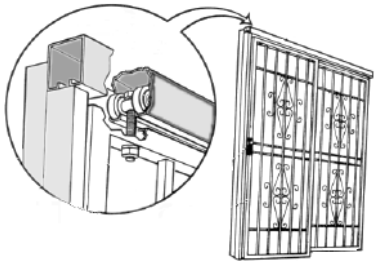
OVTA

12 Ft Length
14 Gauge
2-3/8" Height
1-7/8" Width
Wt. 22.5 lbs.



OVTC

24 Ft Length
14 Gauge
2-3/8" Height
1-7/8" Width
Wt. 44.5 lbs.



Economy Track Wheel
Lubricated Ball Bearings



1-5/8" Dia. Wheel
1/2" Dia. x 4" Bolt
2-3/4" Extension
Below Track
Rating: **150 lbs**
Zinc Plated
Wt. 0.60 lb.

Zinc Plated

OVTTRW

Heavy Duty Single Track Wheel
Two Factory Sealed, Permanently Lubricated Ball Bearings Per Carrier

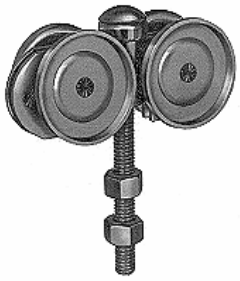


2-1/16" Dia. Wheel
1/2" Dia. x 5" Bolt
4" Extension Below Track
Rating: **150 lbs**
Zinc Plated
Wt. 1 lb.

Zinc Plated

OVT21T

Heavy Duty Single Track Wheel
Four Factory Sealed, Permanently Lubricated Ball Bearings Per Carrier



2-1/16" Dia. Wheel
1/2" Dia. x 5" Bolt
3" Extension
Below Track
Rating: **300 lbs**
Zinc Plated
Wt. 1.75 lbs.

Zinc Plated

OVT41T

Single Pivot Side-Wall Bracket Galvanized

Pivoting Action For Easy Installation





Height: 4"
Width: 2"
Hole Size: 7/16"
Wt. 0.80 lb.

OVT1-301

Fixed Left End Single Side-Wall Bracket Galvanized



Height: 4"
Width: 2"
Hole Size: 7/16"
Wt. 0.90 lb.

OVT2-301L

Fixed Right End Single Side-Wall Bracket Galvanized



Height: 4"
Width: 2"
Hole Size: 7/16"
Wt. 0.90 lb.

OVT2-301R

Single Ceiling Bracket Galvanized



Height: 3-3/8"
Width: 1-3/4"
Hole Size: 7/16"
Wt. 1.1 lbs.

OVT3-301

Double Side-Wall Bracket Galvanized



Height: 7"
Width: 2"
Hole Size: 7/16"
Wt. 2.4 lbs.

OVT5-301



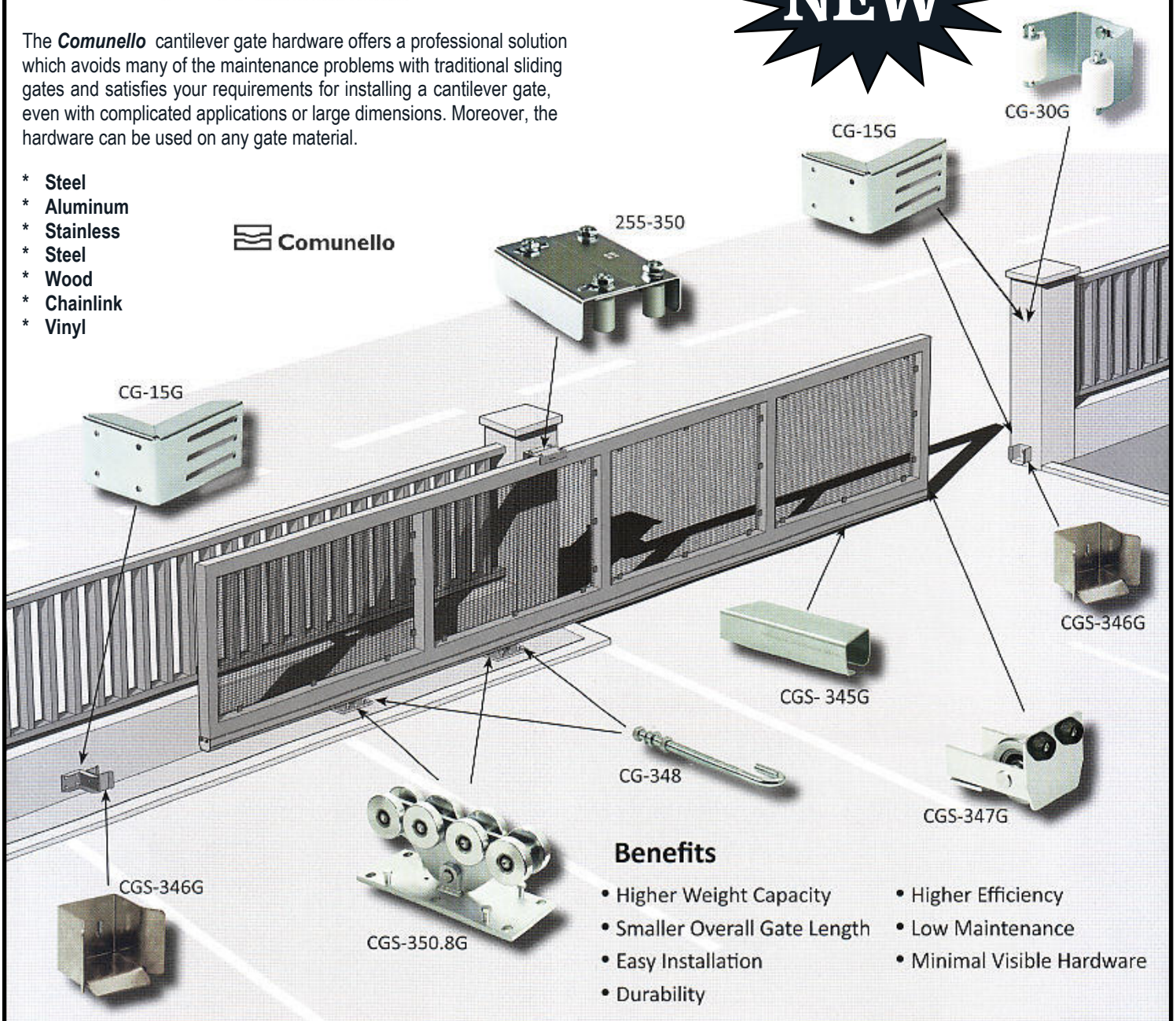
CANTILEVER GATE TRACK

By Comunello

NEW

The ***Comunello*** cantilever gate hardware offers a professional solution which avoids many of the maintenance problems with traditional sliding gates and satisfies your requirements for installing a cantilever gate, even with complicated applications or large dimensions. Moreover, the hardware can be used on any gate material.

* **Steel**
* **Aluminum**
* **Stainless**
* **Steel**
* **Wood**
* **Chainlink**
* **Vinyl**



Benefits

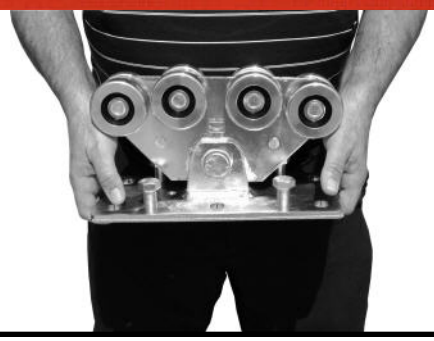
- Higher Weight Capacity
- Smaller Overall Gate Length
- Easy Installation
- Durability
- Higher Efficiency
- Low Maintenance
- Minimal Visible Hardware

NOTE: WE ONLY SUPPLY THE HARDWARE, NOT THE GATE ITSELF

Call us for assistance in configuring the specifications for your cantilever gate project.

Based on the gate dimensions, we can supply you with:

* Length of counter balance
* Load calculations
* Bill of materials
* Installation instructions



Gate Hardware



CANTILEVER GATE TRACK (continued)

By Comunello

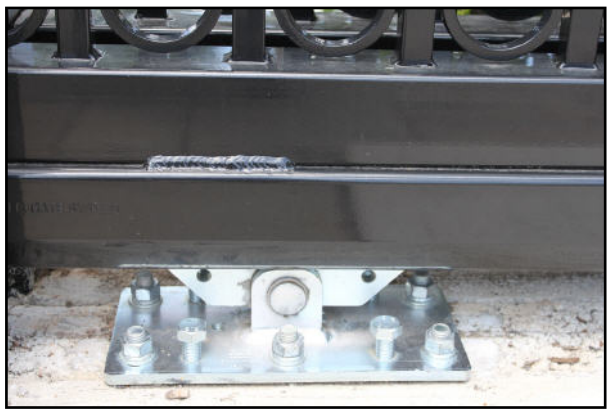
The technical innovation in these products, as compared to a traditional sliding gate, lies in the fact that the entire gate is cantilevered off the ground without any rollers moving on the ground. This allows for free movement of the gate in bad ground conditions and also reduces the wear and tear on the gate. Maintenance is also reduced. Besides, it gives a nice clean look without any unsightly wheels moving on the ground.

For more details call us at: 800.423.4494





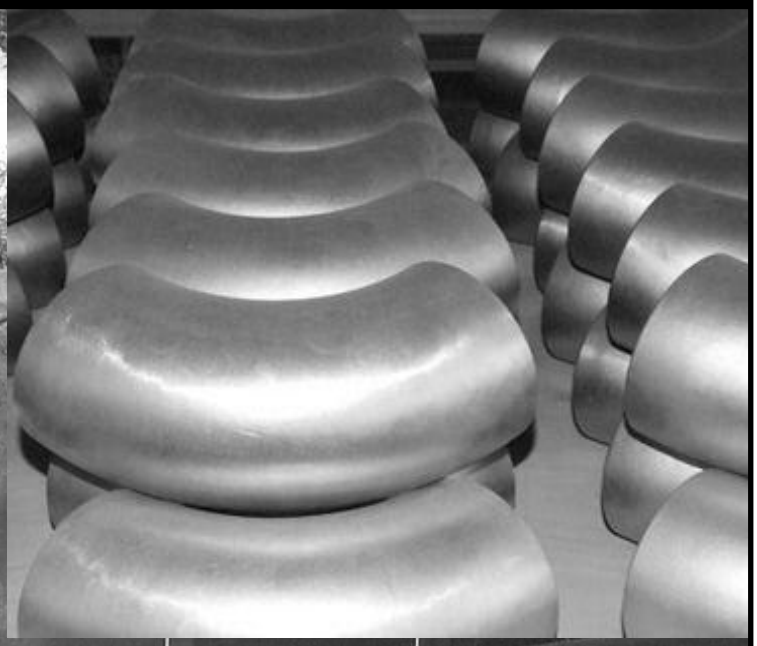


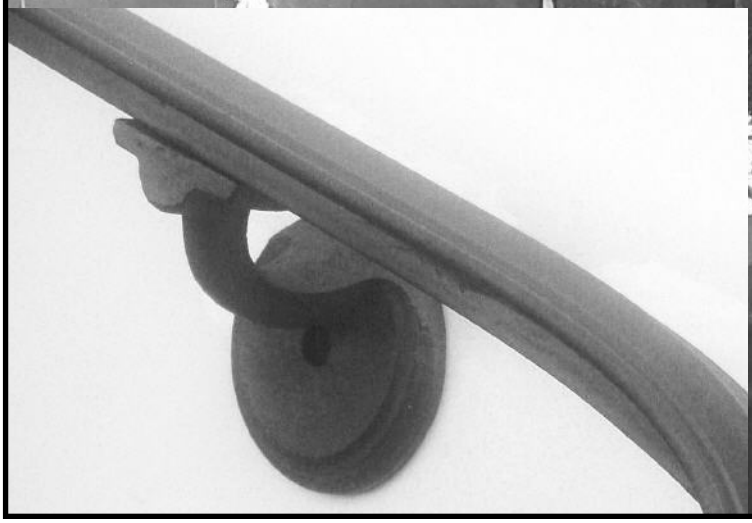


SECTION 2

Weld Plates, Pipe & Tube Fittings & Brackets

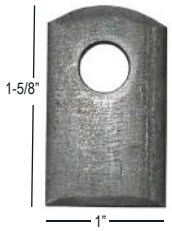






Weld Plates, Pipe & Tube Fittings & Brackets

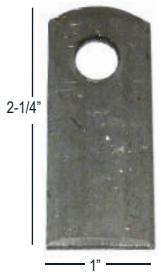
S104 - Short Weld Tab



1-5/8" Height
1" Width
10 Gauge
100 PCs Per Box
Wt. 6 lbs. per 100
3/8" Hole
Sold Each (LooseS104)

S104

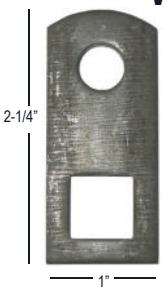
S103 - Long Weld Tab



2-1/4" Height
1" Width
10 Gauge
100 PCs Per Box
Wt. 8 lbs. per 100
3/8" Hole
Sold Each (LooseS103)

S103

SQ103 -Widow Guard Weld Tab



2-1/4" Height
1" Width x Square Hole - 9/16"
10 Gauge
100 PCs Per Box
Wt. 8 lbs. per 100
3/8" Hole
Sold Each (LooseSQ103)

SQS103

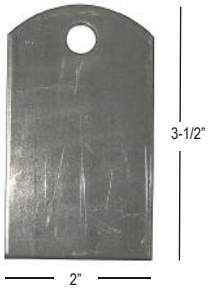
S108 - Extra Large Weld Tab 1-1/2" Wide



2-3/4" Height
1-1/2" Width
8 Gauge
100 PCs Per Box
Wt. 19 lbs. per 100
3/8" Hole
Sold Each (LooseS108)

S108

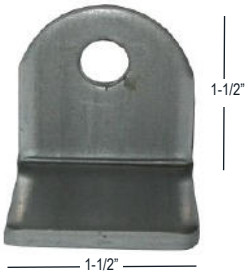
S110 - 2" Wide Weld Tab



3-1/2" Height
2" Width
11 Gauge (1/8")
100 PCs Per Box
Wt. 24 lbs. per 100
7/16" Hole
Sold Each (LooseS110)

S110

S106 - Angle Weld Bracket 1-1/2" x 1-1/2"



1-1/2" Height
1-1/2" Width
8 Gauge
100 PCs Per Box
Wt. 19 lbs. per 100
3/8" Hole
Sold Each (LooseS106)

S106

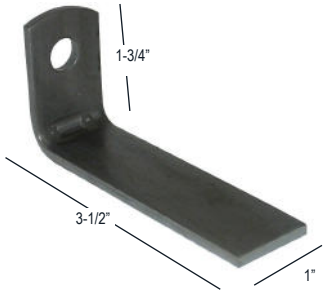
S102 - Flower Weld Tab



2-3/4" H. x 2-3/4" W.
1" Base
12 Gauge
100 PCs Per Box
Wt. 12 lbs. per 100
3/8" Hole
Sold Each (LooseS102)

S102

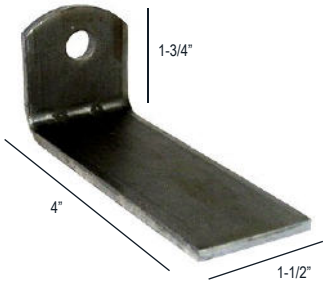
SLB - Narrow Angle Weld Bracket



1-3/4" H. x 3-1/2" Long
1" W. x 8 Gauge
100 PCs Per Box
Wt. 23 lbs. per 100
3/8" Hole
Sold Each (LooseSLB)

SLB

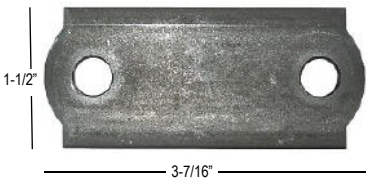
S107 - Angle Weld Bracket



1-3/4" H. x 4" Long
1-1/2" W. x 8 Gauge
100 PCs Per Box
Wt. 39 lbs. per 100
3/8" Hole
Sold Each (LooseS107)

S107

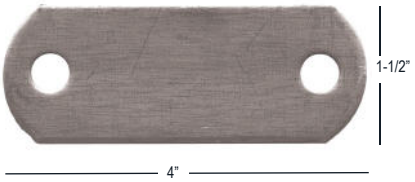
S105 - Small Base Plate



1-1/2" Height
3-7/16" Width
7 Gauge (3/16")
100 PCs Per Box
Wt. 23 lbs. per 100
3/8" Hole
Sold Each (LooseS105)

S105

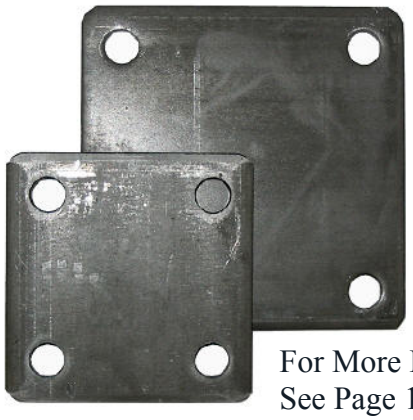
S109 - Long Base Plate



1-1/2" Height
4" Width
7 Gauge (3/16")
100 PCs Per Box
Wt. 27 lbs. per 100
3/8" Hole
Sold Each (LooseS109)

S109

Plain Steel Base Plates



For More Base Plates See Page 14-14

Part #	Description	Hole Size	Box Qty.	Wt.
S1013X3	3" Sq. x 3/16" Thick	13/32"	100	0.44 lb.
S1014X4	4" Sq. x 3/16" Thick	13/32"	50	0.80 lb.
S1016X6	6" Sq. x 3/16" Thick	9/16"	25	2.3 lbs.
S1018X8	8" Sq. x 3/16" Thick	9/16"	15	4.2 lbs.

Steel Raised Base Plates

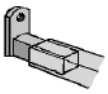


For More Base Plates See Page 14-14

Size	Part #	Description	Hole Size	Box Qty.	Wt.
1" Sq. Hole	S101RMP1	4" Sq. x 11 ga.	7/16"	100	0.50 lb.
1-1/4" Sq. Hole	S101RMP1 1/4	4" Sq. x 11 ga.	7/16"	100	0.50 lb.
1-1/2" Sq. Hole	S101RMP1 1/2	4" Sq. x 11 ga.	7/16"	100	0.50 lb.
2" Sq. Hole	S101RMP2	5" Sq. x 11 ga.	7/16"	50	1.1 lbs.

Painted Steel Sleeve Panel Brackets

Sleeve Bracket slides into square tubing and has a 3/8" mounting hole.





Painted Gloss Black

Saves Time
Fits Snug Into Square Tube
No Sloppy Fit

Non-Painted Sleeves Available Special Order

Part #	Description	Box Qty.	Wt.
SLEEVE1X16	Fits 1" Sq. x 16 Ga.	100	0.25 lb.
SLEEVE1 1/4X16	Fits 1-1/4" Sq. x 16 Ga.	100	0.30 lb.
SLEEVE1 1/2X16	Fits 1-1/2" Sq. x 16 Ga.	100	0.50 lb.
SLEEVE1 1/2X14	Fits 1-1/2" Sq. x 14 Ga.	100	0.50 lb.
SLEEVE1 1/2X11	Fits 1-1/2" Sq. x 11 Ga.	100	0.50 lb.
SLEEVE2X16	Fits 2" Sq. x 16 Ga.	100	0.60 lb.
SLEEVE2X14	Fits 2" Sq. x 14 Ga.	100	0.60 lb.
SLEEVE2X11	Fits 2" Sq. x 11 Ga.	100	0.60 lb.

Zinc Plated Sleeve Panel Brackets

Sleeve Bracket slides into square tubing and has a 3/8" mounting hole.

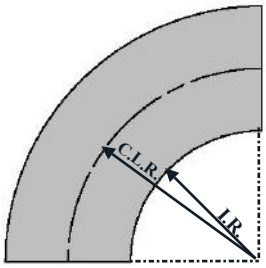


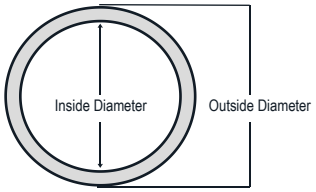
Saves Time
Fits Snug Into Square Tube
No Sloppy Fit

Zinc Plated To Help Prevent Rust
Non-Painted Sleeves Available Special Order

Part #	Description	Box Qty.	Wt.
SLEEVE1X16PL	Fits 1" Sq. x 16 Ga.	100	0.25 lb.
SLEEVE1.25X16PL	Fits 1-1/4" Sq. x 16 Ga.	100	0.30 lb.
SLEEVE1.5X16PL	Fits 1-1/2" Sq. x 16 Ga.	100	0.50 lb.
SLEEVE1.5X14PL	Fits 1-1/2" Sq. x 14 Ga.	100	0.50 lb.
SLEEVE1.5X11PL	Fits 1-1/2" Sq. x 11 Ga.	100	0.50 lb.
SLEEVE2X16PL	Fits 2" Sq. x 16 Ga.	100	0.60 lb.
SLEEVE2X14PL	Fits 2" Sq. x 14 Ga.	100	0.60 lb.
SLEEVE2X11PL	Fits 2" Sq. x 11 Ga.	100	0.60 lb.

Weld Plates, Pipe & Tube Fittings & Brackets



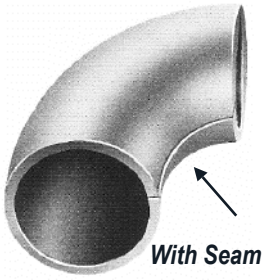


I.R. = Inside Raduis
C.L.R. = Center Line Radius

The inside raduis (I.R.) is used to measure Schedule 40 Pipe. The outside radius (O.D.) is used to measure Tubing a lighter gauge round material.



PIPE



90° Steel Pipe Elbows With Seam (Formed)

1" Pipe (1-3/8" O.D.) Schedule 40

`JSPE1-1`
I.R. = 1" C.L.R. = 1-11/16"
Wt. 0.40 lb.

`JSPE1-2`
I.R. = 2" C.L.R. = 2-11/16"
Wt. 0.60 lb.

1-1/4" Pipe (1-5/8" O.D.) Schedule 40

`JSPE1 1/4-1`
I.R. = 1" C.L.R. = 1-13/16"
Wt. 0.55 lb.

`JSPE1 1/4-1 5/8`
I.R. = 1-5/8" C.L.R. = 2-7/16"
Wt. 0.80 lb.

`JSPE1 1/4-2`
I.R. = 2" C.L.R. = 2-13/16"
Wt. 0.90 lb.

1-1/2" Pipe (1-7/8" O.D.) Schedule 40

`JSPE1 1/2-1`
I.R. = 1" C.L.R. = 1-15/16"
Wt. 0.70 lb.

`JSPE1 1/2-1 5/8`
I.R. = 1-5/8" C.L.R. = 2-9/16"
Wt. 0.85 lb.

`JSPE1 1/2-2`
I.R. = 2" C.L.R. = 2-15/16"
Wt. 1 lb.

2" Pipe (2-3/8" O.D.) Schedule 40

`JSPE2-1 13/16`
I.R. = 1-13/16" C.L.R. = 3"
Wt. 1.25 lb.

PIPE



90° Steel Pipe Elbows No Seam (Bent From Pipe)

1" Pipe (1-3/8" O.D.) Schedule 40

`PE1-2 1/2`
C.L.R. = 2-1/2" I.R. = 1-13/16"+
Wt. 0.90 lb.

`PE1-3`
C.L.R. = 3" I.R. = 2-5/16"
Wt. 1.1 lbs.

1-1/4" Pipe (1-5/8" O.D.) Schedule 40

`PE1 1/4-2 1/2`
C.L.R. = 2-1/2" I.R. = 1-11/16"+
Wt. 0.65 lb.

`PE1 1/4-3`
C.L.R. = 3" I.R. = 2-3/16"
Wt. 0.90 lb.

1-1/2" Pipe (1-7/8" O.D.) Schedule 40

`PE1 1/2-2 1/2`
C.L.R. = 2-1/2" I.R. = 1-9/16"
Wt. 0.90 lb.

`PE1 1/2-3`
C.L.R. = 3" I.R. = 2-1/16"
Wt. 1.1 lbs.

2" Pipe (2-3/8" O.D.) Schedule 40

`PE2-3`
C.L.R. = 3" I.R. = 1-13/16"
Wt. 1.44 lb.

`PE2-4`
C.L.R. = 4" I.R. = 2-13/16"
Wt. 1.92 lbs.

TUBE



Steel Tubing 90° Elbows No Seam (Bent From Tubing)

1-1/2" Tube (1-1/2" O.D.) 11 Gauge

`TE1 1/2-2 1/2`
I.R. = 1-3/4" C.L.R. = 2-1/2"
Wt. 0.60 lb.

`TE1 1/2-3`
I.R. = 2-1/4" C.L.R. = 3"
Wt. 0.70 lb.

Square Tube Corners 14 Ga.



Fits 14-16 Gauge Square Tubing

TUBE



Economy Steel Formed 90° Tubing Elbows With Seam

1-1/2" Tube (1-1/2" O.D.) 11 Gauge

`JSTE1 1/2-1 1/2`
I.R. = 1-1/2" C.L.R. = 2-1/4"
Wt. 0.60 lbs.

Part #	Tube Size	Ga.	Wt.
RC1	1"	16 -14	0.15 lb.
RC1 1/4	1-1/4"	16 -14	0.15 lb.
RC1 1/2	1-1/2"	16 -14	0.15 lb.
RC2	2"	16 -14	0.30 lb.

Pipe & Tube Flat Flanges 10 Gauge Thick



No Mounting Holes



2 Mounting Holes



4 Mounting Holes

	Part #	Size & Thickness	Mounting Holes	Diameter	Flange Center Hole	Weight
1" PIPE	BF1-0	1" Pipe Sch. 40	No Holes	3-1/4"	1-3/8" O.D.	0.30 lb.
	BF1-2	1" Pipe Sch. 40	2 Holes 5/16"	3-1/4"	1-3/8" O.D.	0.30 lb.
	BF1-4	1" Pipe Sch. 40	4 Holes 5/16"	3-1/4"	1-3/8" O.D.	0.30 lb.
1-1/4" PIPE	BF1 1/4-0	1-1/4" Pipe Sch. 40	No Holes	3-3/4"	1-5/8" O.D.	0.45 lb.
	BF1 1/4-2	1-1/4" Pipe Sch. 40	2 Holes 5/16"	3-3/4"	1-5/8" O.D.	0.45 lb.
	BF1 1/4-4	1-1/4" Pipe Sch. 40	4 Holes 5/16"	3-3/4"	1-5/8" O.D.	0.45 lb.
1-1/2" PIPE	BF1 1/2-0	1-1/2" Pipe Sch. 40	No Holes	4-1/4"	1-7/8" O.D.	0.55 lb.
	BF1 1/2-2	1-1/2" Pipe Sch. 40	2 Holes 5/16"	4-1/4"	1-7/8" O.D.	0.55 lb.
	BF1 1/2-4	1-1/2" Pipe Sch. 40	4 Holes 5/16"	4-1/4"	1-7/8" O.D.	0.55 lb.
1-1/2" TUBE	BF1 1/2-0T	1-1/2" Round Tube 10 Ga.	No Holes	3-3/4"	1-1/2" O.D.	0.45 lb.
	BF1 1/2-2T	1-1/2" Round Tube 10 Ga.	2 Holes 5/16"	3-3/4"	1-1/2" O.D.	0.45 lb.
	BF1 1/2-4T	1-1/2" Round Tube 10 Ga.	4 Holes 5/16"	3-3/4"	1-1/2" O.D.	0.45 lb.

Snap Cover Flange



For 1-1/2" O.D. Tube 11 ga.
Dia. Hole: 1-1/2" O.D.
3-1/4" Cover Dia.
.049 Thick x 0.85 Tall
Wt. 0.15 lb.
SCF1 1/2T

For 1-5/8" O.D. Pipe Sch. 40
Dia. Hole: 1-1/4" I.D.
4-1/2" Cover Dia.
.049 Thick x 0.85 Tall
Wt. 0.30 lb.
SCF1 1/4

For 1-7/8" O.D. Pipe Sch. 40
Dia. Hole: 1-1/2" I.D.
4-1/2" Cover Dia.
.049 Thick x 0.85 Tall
Wt. 0.30 lb.
SCF1 1/2

Snap Cover Base 3/16" Thick

Snap-Cover Flange and Base Work Together



For 1-1/2" O.D. Tube 11 ga.
Dia. Hole: 1-1/2" O.D.
3/16" Thick
Screw Hole Dia. 1/4"
Wt. 0.26 lb.
SCB1 1/2T

For 1-5/8" O.D. Pipe Sch. 40
Dia. Hole: 1-5/8" O.D.
3/16" Thick
Screw Hole Dia. 3/8"
Wt. 0.74 lb.
SCB1 1/4

For 1-7/8" O.D. Pipe Sch. 40
Dia. Hole: 1-7/8" O.D.
3/16" Thick
Screw Hole Dia. 3/8"
Wt. 0.71 lb.
SCB1 1/2

Raised Flush Flange (Plain) Core Hole Cover. No Screw Holes



For 1-1/2" O.D. Tube 11 ga.
Dia. Hole: 1-1/2" O.D.
10 Ga x Base Dia.
3.875" x 3/8" H.
Wt. 0.45 lb.
RFF1 1/2-0T

For 1-5/8" O.D. Pipe Sch. 40
Dia. Hole: 1-1/4" I.D.
10 Ga x Base Dia.
3.875" x 3/8" H.
Wt. 0.45 lb.
RFF1 1/4-0

For 1-7/8" O.D. Pipe Sch. 40
Dia. Hole: 1-1/2" I.D.
10 Ga x Base Dia.
4.5" x 3/8" H.
Wt. 0.55 lb.
RFF1 1/2-0

Raised Flush Flange (With Off Set Hole) For Wall Return. 1 Screw Hole



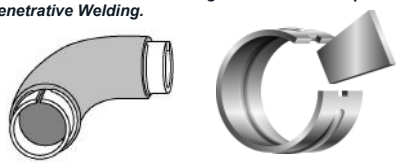
For 1-1/2" O.D. Tube 11 ga.
Dia. Hole: 1-1/2" O.D.
10 Gauge Thick
Base Dia. 3-1/2"
3/8" H. Wt. 0.45 lb.
Screw Hole Dia. 5/16"
RFF1 1/2-1T

For 1-5/8" O.D. Pipe Sch. 40
Dia. Hole: 1-1/4" I.D.
10 Gauge Thick
Base Dia. 3-1/2"
3/8" H. Wt. 0.45 lb.
Screw Hole Dia. 5/16"
RFF1 1/4-1

For 1-7/8" O.D. Pipe Sch. 40
Dia. Hole: 1-1/2" I.D.
10 Gauge Thick
Base Dia. 4-1/2"
3/8" H. Wt. 0.55 lb.
Screw Hole Dia. 5/16"
RFF1 1/2-1

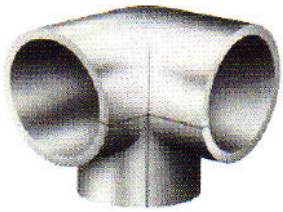
Pipe & Tubing Connectors

Great For Hands Free Welding. Leaves a 1/8" Gap For Penetrative Welding.



Part #	SIZE	Thickness	Wt.
EC1 1/2T	1-1/2" O.D.	11 Gauge	0.07 lb.
EC1	1" I.D.	Sch. 40	0.06 lb.
EC1 1/4	1-1/4" I.D.	Sch.40	0.07 lb.
EC1 1/2	1 1/2" I.D.	Sch. 40	0.08 lb.

Side Outlet Ells



For 1-1/2" O.D. Tube 11 ga.
Tube Size: 1-1/2" O.D.
For 11 Gauge Tubing
Wt. 0.58 lb.
SOE1 1/2T

For 1-5/8" O.D. Pipe Sch. 40
Pipe Size: 1-1/4" I.D.
For Schedule 40 Pipe
10 Ga. Wt. 0.70 lb.
SOE1 1/4

For 1-7/8" O.D. Pipe Sch. 40
Pipe Size: 1-1/2" I.D.
For Schedule 40 Pipe
10 Ga. Wt. 1.10 lb.
SOE1 1/2

Steel Dished Drive-On Caps

1/2"

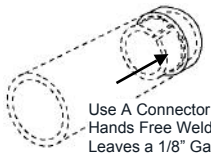


1-1/2" TUBE 11 Gauge
Tube Size: 1-1/2" O.D.
For 11 Gauge Tubing
Cap Height: 1/2"
Wt. 0.12 lb.
DOC1 1/2DT

1-1/4" PIPE Sch. 40
Pipe Size: 1-1/4" I.D.
For Schedule 40 Pipe
Cap Height: 1/2"
Wt. 0.13 lb.
DOC1 1/4D

1-1/2" PIPE Sch. 40
Pipe Size: 1-1/2" I.D.
For Schedule 40 Pipe
Cap Height: 1/2"
Wt. 0.13 lb.
DOC1 1/2D

Weld-On Dome Cap



Use A Connector For Hands Free Welding. Leaves a 1/8" Gap For Penetrative Welding. See Above.

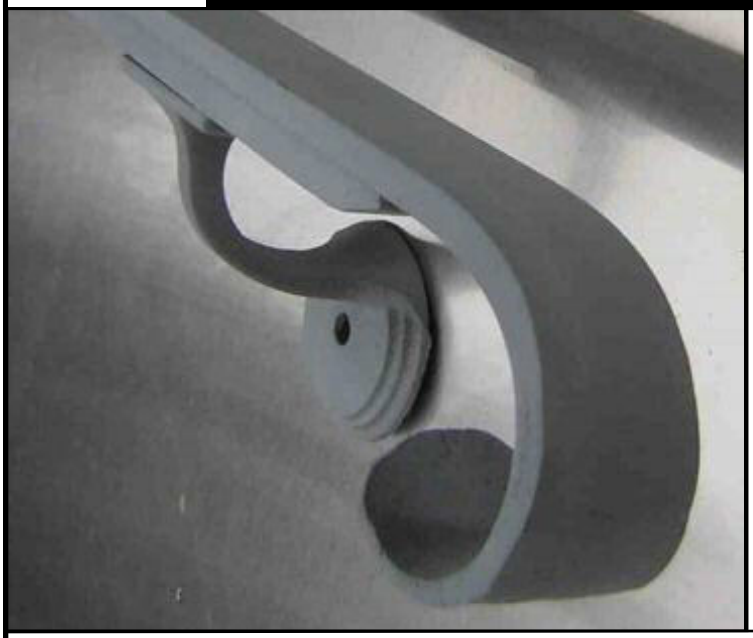


Part #	SIZE	Thickness	Ht.	Wt.
PEC1 1/2T	1-1/2" O.D.	11 Gauge	1-1/16"	0.20 lb.
PEC1	1" I.D.	Sch. 40	1"	0.15 lb.
PEC1 1/4	1-1/4" I.D.	Sch.40	1-1/8"	0.20 lb.
PEC1 1/2	1 1/2" I.D.	Sch. 40	1-1/8"	0.25 lb.

Weld-On Disks For Pipe & 11 Ga. Tubing



Part #	SIZE	Thickness	Wt.
DISC1 1/2T	1-1/2" O.D.	11 Gauge	0.07 lb.
DISC1	1" I.D.	Sch. 40	0.05 lb.
DISC1 1/4	1-1/4" I.D.	Sch.40	0.07 lb.
DISC1 1/2	1 1/2" I.D.	Sch. 40	0.10 lb.



Steel Handrail Brackets 2-1/2" - 3" Offset

For More Wall Brackets See Page 14-22

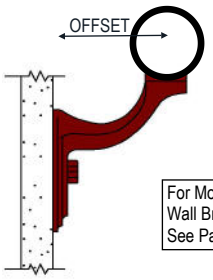


Top Width: 1-1/8"
Bottom Width: 2-7/8"
Offset: 2-1/2" - 3"
Hole Size: 25/64"
Wt. 0.57 lb.

Just bend to achieve the desired offset.

S218

Cast Malleable Handrail Bracket 2-1/2" & 3" Offset. Round and Flat Top.

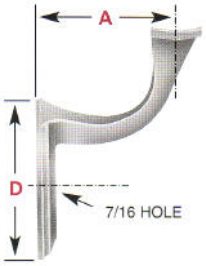


For More Wall Brackets See Page 14-22

Style: **Round Top**
A = 2-1/2" **B** = 2-3/16" **C** = 1-3/8" **D** = 2-3/4"
Hole Size: 7/16"
Wt. 0.70 lb.

CMB250R

ROUND TOP

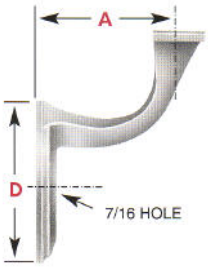


Style: **Round Top**
A = 3" **B** = 2-3/16"
C = 1-5/16" **D** = 3-1/4"
Hole Size: 7/16"
Wt. 1.14 lbs.

CMB300R

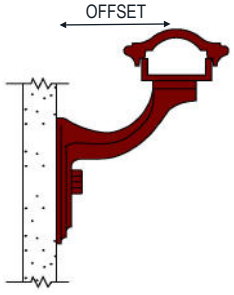


FLAT TOP



Style: **Flat Top**
A = 2-1/2" **B** = 2-7/16" **C** = 1-3/8" **D** = 2-3/4"
Hole Size: 7/16"
Wt. 1.1 lbs.

CMB250F



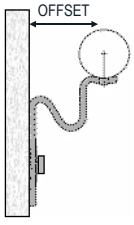
Style: **Flat Top**
A = 3" **B** = 2-7/16"
C = 1-9/16" **D** = 3-1/4"
Hole Size: 7/16"
Wt. 1.1 lbs.

CMB300F

Steel Handrail Brackets 2-1/2" & 3" Offset

For More Wall Brackets See Page 14-22





Top Width: 1-3/4"
Round Width: 2-3/4"
Offset: 2-1/2"
Hole Size: 7/16"
Wt. 0.55 lb.

HRB-2 1/2

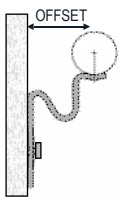


Top Width: 1-3/4"
Round Width: 2-3/4"
Offset: 3"
Hole Size: 7/16"
Wt. 0.50 lb.

HRB-3

Imported Steel Handrail Bracket 3" Offset



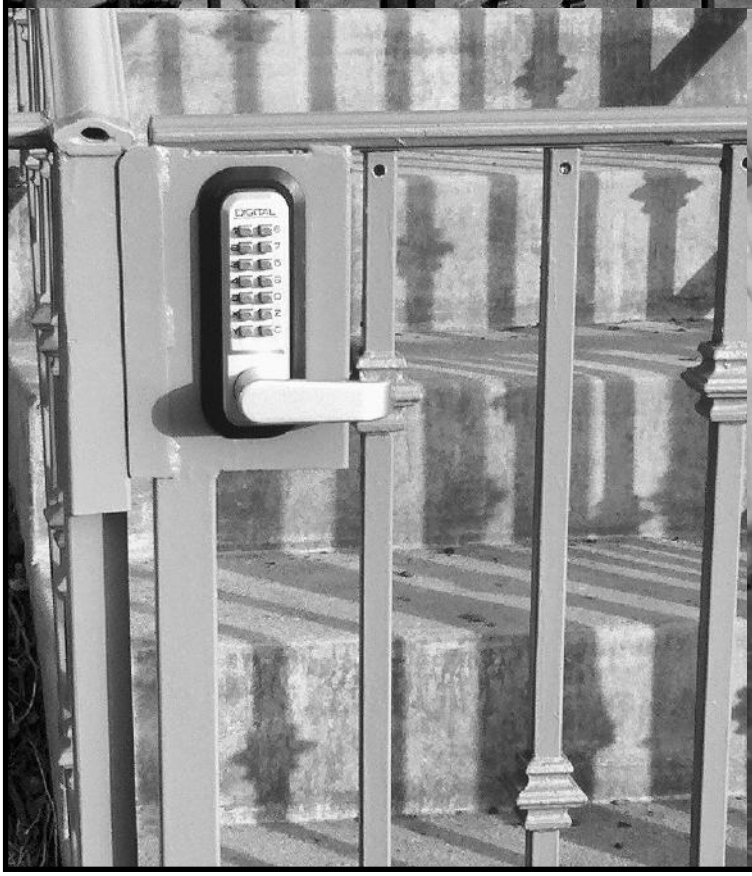


Top Width: 1-3/4"
Round Width: 2-3/4"
Offset: 3"
Hole Size: 7/16"
Wt. 0.50 lb.

JSWAG

SECTION 3
Lock Hardware







Lock Hardware

Economy 15 Gauge Lock Boxes, 2-3/8" Backset, 2-1/8" Hole

1" Wide Single Hole



4-1/4" Height
4-1/2" Length
1" Wide
2-1/8" Hole
Wt. 0.90 lb.

JSLH102SL

1" Wide Double Hole



7-1/2" Height
4-1/2" Length
1" Wide
2-1/8" Hole
Wt. 1.5 lbs.

JSLH103SL

1-1/4" Wide Single Hole



3-1/2" Height
4-1/4" Length
1-1/4" Wide
2-1/8" Hole
Wt. 1 lb.

JSLH1021 1/4

1-1/4" Wide Double Hole



6-3/4" Height
4-3/8" Length
1-1/4" Wide
2-1/8" Hole
Wt. 1.9 lbs.

JSLH1031 1/4

1-5/8" Wide Single Hole



3-1/2" Height
4-1/2" Length
1-5/8" Wide
2-1/8" Hole
Wt. 1 lb.

JSLH102STD

1-5/8" Wide Double Hole



6-3/4" Height
4-1/2" Length
1-5/8" Wide
2-1/8" Hole
Wt. 1.9 lbs.

JSLH103STD

Heavy Duty 13 Ga. Lock Boxes, 2-3/8" Backset, 2-1/8" Hole

1-3/16" Wide Single Hole



3-5/8" Height
5-1/8" Length
1-3/16" Wide
2-1/8" Hole
Wt. 1.25 lbs.

LH102SL

1-3/16" Wide Double Hole



6-7/8" Height
5-5/8" Length
1-3/16" Wide
2-1/8" Hole
Wt. 2.25 lbs.

LH103SL

1-9/16" Wide Single Hole



3-5/8" Height
5-1/8" Length
1-9/16" Wide
2-1/8" Hole
Wt. 1.5 lbs.

LH102STD

1-9/16" Wide Double Hole



6-7/8" Height
5-5/8" Length
1-9/16" Wide
2-1/8" Hole
Wt. 2.5 lbs.

LH103STD

Decorative Lock Box Cover Plates

Sold only as a pair
Right & Left Plates



11" Tall x 6-1/4" Wide, 2-3/4" Dia. Hole, 5/32" Thick,
Wt. 5 lbs.

Just buy a pair of Decorative Plates (LHDP) and a JSLH103STD lock box (See Above) and you can create this beautiful decorative lock box. Add some locks and your ready to go.

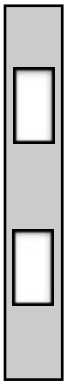


Locks sold separately

LHDP

Strike Plate

Used for covering over drilled out holes on deadbolts or latches.



7" H. x 1" W.
Hole Size: 3/4" x 1-1/4"
1/16" thick
Wt. 0.10 lb.

STRIKE

Steel Commercial Lock Boxes 2-3/4" Backset

1-9/16" Wide Single Hole
2-3/4" Backset



3-5/8" Height
5-1/8" Length
1-9/16" Wide
2-1/8" Hole
Wt. 1.5 lbs.

LH275

2" Wide Steel Gate Box For Standard Locks With 2-3/4" Backset - *No Extra Long Screws Needed Indented To Accommodate Standard Locks*

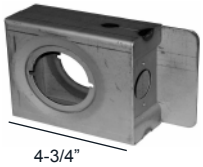


4-3/4"

Double Hole

8-5/8" Height
4-3/4" Length
2" Wide
2-1/8" Hole
Wt. 2.6 lbs.

JSLH103-2D



4-3/4"

Single Hole

4-1/8" Height
4-3/4" Length
2" Wide
2-1/8" Hole
Wt. 1.3 lbs.

JSLH102-2D

Electric Release Boxes

To be used with electric Releases TR005, TRS005, TRS0024, & TRS005RS
See page 3-9



Pre-drilled holes on the top and bottom for easy wiring access.

Height: 4"
Width: 1-1/2"
Depth: 3"
Hole Size: 1-3/8" x 2-1/2"
Wt. 1.5 lbs

ELBX

Release box is designed for 7140 Adams Rite



Holes on the top and bottom for easy wiring access.

Electric Releases
On page 3-9

Height: 6"
Width: 2"
Depth: 2"
Wt. 1.25 lbs.

7140BOX

Release box is designed for TR001 Release



Height: 6"
Width: 2"
Depth: 2"
Wt. 1.5 lbs.

TR001BOX

Aluminum Lock Boxes 2-3/4" Backset

1-5/8" Wide Single Hole
2-3/4" Backset - .125 Thick



3-1/2" Height
4-3/4" Wide
1-5/8" Depth
2-1/8" Hole
Wt. 1 lb.

KEEDEX

K-BXSGL234-AL

1-1/2" Wide Double Hole
2-3/4" Backset - .125 Thick



8-5/8" Height
4-3/4" Wide
1-1/2" Depth
2-1/8" Hole
Wt. 2 lbs.

K-BXDBL234-AL

Stainless Steel Lock Boxes
2-3/4" Backset - Type 304 Grade

1-5/8" Wide Single Hole
2-3/4" Backset - 16 Ga.



3-1/2" Height
4-3/4" Wide
1-5/8" Depth
2-1/8" Hole
Wt. 2 lbs.

K-BXSGL234-SS

1-1/2" Wide Double Hole 2-3/4" Backset - 16 Ga.

304 Stainless Steel

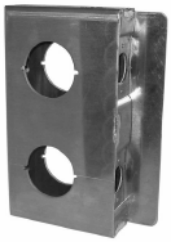


8-5/8" Height
4-3/4" Wide
1-1/2" Depth
2-1/8" Hole
Wt. 3 lbs.

K-BXDBL234-SS

Steel Commercial Lock Boxes 2-3/4" Backset

1-1/2" Wide Double Hole
2-3/4" Backset - 14 Ga.



8-5/8" Height
4-3/4" Wide
1-1/2" Depth
2-1/8" Hole
Wt. 2 lbs.

KEEDEX

K-BXDBL234

Schlage Rhodes Lock Box, 2-3/4" Backset

Fits Rhodes Schlage Locks
or Import Schlage Keyway Locks
See Page 3-6, 3-7



KEEDEX



4-1/8" Height
4-3/4" Wide
1-3/4" Depth
2-3/4" Backset
14 Ga.
Wt. 2 lbs.

K-BXRHO

Schlage Rhodes Lock Box, 2-3/4" Backset

2" Wide Box



4-1/8" Height
4-3/4" Wide
2" Depth
2-3/4" Backset
14 Ga.
Wt. 2.25 lbs.



K-BXRHO-2W

KABA Simplex / Unican 1000 Series Box



KEEDEX



10-1/4" Height
5-1/2" Wide
1-3/4" Depth
2-3/4" backset
14 ga.
Wt. 3 lbs.

Fits the
CodeLock 610 & 615
Electronic Pushbutton
Lock See page 3-8

K-BXSIM

Lockey 2835 Series Box



KEEDEX



7-5/8" Height
4-3/4" Wide
1-3/4" Depth
2-3/8" backset
14 Ga.
Wt. 3 lbs.

Fits the
Lockey 2835 Series
Electronic
Pushbutton Lock
See page 3-8

K-BXDIG23

Weldable Box For Outside Trim Lever on the 2200 Series Type Exit Device





Outside Trim Lever
See page 4-2

KEEDEX



Top View

K-BXEDCR

Steel box for outside lever application **CRSTR05LX26D, CRENT00LX26D** and **CR2200NLAL** Dim. 5-3/4" W. x 8" H. x 1-3/4" D. Material: 14 Ga. Wt. 2.6 lbs.

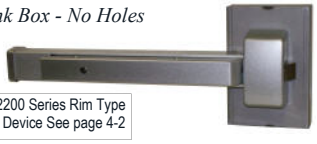
Weldable Box For 2200 Series Rim Type Exit Device



8" Height
4-1/2" Wide
1-3/4" Depth
14 ga.
Wt. 2.5 lbs.

K-BX458175

Blank Box - No Holes



CR2200 Series Rim Type
Exit Device See page 4-2

Plain steel box for 2200 Series Exit Device 36" or 48" Rectangular Weldable Gate Box

Weldable Box For 7700 Series Rim Type Exit Device



15" Height
5" Wide
1-3/4" Depth
14 ga.
Wt. 5.5 lbs.

K-BX515175

Blank Box - No Holes

CR7700 Series Rim Type
Exit Device See page 4-2



Plain steel box for 7700 Series Exit Device 36" or 48" Rectangular Weldable Gate Box

Lock Hardware

Weldable Box For Cal-Royal 7700 Exit Device 7700NL Trim

& Von Duprin 99 Exit Device with 990NL Trim



15" Height
5" Wide
1-3/4" Depth
14 ga.
Wt. 3 lbs.

KEEDEX

K-BXED-V990NL

Weldable Box For Cal-Royal 7700 Exit Device ESC7700 Trim

& Von Duprin 99 Exit Device with 992L & 994L Trim



15" Height
4" Wide
1-3/4" Depth
14 ga.
Wt. 2.5 lbs.

KEEDEX

K-BXED-V992L

CodeLock 500 Series Box



8-1/2" Height
5-1/2" Wide
1-3/4" Depth
2-3/4" Backset
14 ga.
Wt. 3 lbs.

CodeLocks 500 & 515

KEEDEX

K-BXCL500

Weldable Box For Mortise

Schlage L series, Sargent 7800/8200, & Yale 4600, 8600/8700



All Mortise locks are a Special Order

KEEDEX

4-5/8" W. x 8-1/8" H. x 1-3/4" D.
Backset: 2-3/4"
10 ga.
Wt. 2 lbs.

K-BXMOR1

KABA EE-1000 Series Box



KEEDEX



EE1000 Series Mechanical Double Pushbutton Lock Special Order

9-1/4" Height
5-1/2" Wide
1-3/4" Depth
2-3/4" backset
Wt. 3 lbs.

K-BXSIM-EE

KABA E-Plex 2000 Box





Kaba E-Plex 2000 Electronic Pushbutton Lock Special Order

KEEDEX

10" Height
5-1/2" Wide
1-3/4" Depth
2-3/4" backset
Wt. 3 lbs.

K-BXE2000

Steel Box For Trine EN800



9-1/2" Height
2-1/2" Wide
2-3/4" Depth
14 ga.Wt. 1 lb.

K-BXES14

Lever Guard for Gates

Helps Protect Levers on Walk Gates
Non-Handed





11-3/8" Height
9-1/2" Wide
2-7/8" - 3/4" Beveled Depth
16 ga. Wt. 5 lb.

KEEDEX

K-GRD-LVR

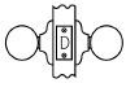
SAFE LOCK by BLACK&DECKER

Safe Lock by Black & Decker offers the most popular styles and finishes at an opening price point, while not compromising quality or durability.

Passage Knob -

Non-Locking Passage Only





Regina Design

SAFE LOCK Kwikset

Part #	Finish	Backset	Wt.
KWSK1000RGX11P	Venetian Bronze	2-3/8"- 2-3/4"	1 lb.
KWSK1000RGX26D	Satin Chrome	2-3/8"- 2-3/4"	1 lb.

Passage Lever -

Non-Locking Passage Only





Winston Design

SAFE LOCK Kwikset

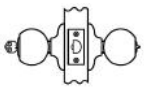
Part #	Finish	Backset	Wt.
KWSL1000WIX11P	Venetian Bronze	2-3/8"- 2-3/4"	1.5 lbs.
KWSL1000WIX26D	Satin Chrome	2-3/8"- 2-3/4"	1.5 lbs.

Single Cylinder Entry Knob

With Thumb Turn and Deadlatch-

Keyed exterior. Turn button interior will lock or unlock both knobs.





Regina Design

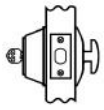
SAFE LOCK Kwikset

Part #	Finish	Backset	Wt.
KWSK5000RGX11P	Venetian Bronze	2-3/8"- 2-3/4"	1.25 lbs.

Single Cylinder Deadbolt-

With 1" Throw





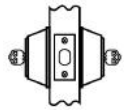
SAFE LOCK Kwikset

Part #	Finish	Backset	Wt.
KWSD9100X11P	Venetian Bronze	2-3/8"- 2-3/4"	1.2 lbs.
KWSD9100X26D	Satin Chrome	2-3/8"- 2-3/4"	1.2 lbs.

Double Cylinder Deadbolt-

With 1" Throw





SAFE LOCK Kwikset

Part #	Finish	Backset	Wt.
KWSD9200X11P	Venetian Bronze	2-3/8"- 2-3/4"	1.5 lbs.
KWSD9200X26D	Satin Chrome	2-3/8"- 2-3/4"	1.5 lbs.

Lock Hardware

Single Cylinder Deadbolt
With 1" Throw



2-3/8" - 2-3/4" Backset
Wt. 1 lb.

Part #	Finish
KW660X3	Bright Brass
KW660X5	Antique
KW660X26D	Satin Chrome
KW660X11P	Venetian Bronze

Double Cylinder Deadbolt
With 1" Throw



2-3/8" - 2-3/4" Backset
Wt. 1.35 lbs.

Part #	Finish
KW665X3	Bright Brass
KW665X5	Antique
KW665X26D	Satin Chrome
KW665X11P	Venetian Bronze

Passage Lever
Non-Locking Passage Only



2-3/8" - 2-3/4" Backset
Wt. 1.35 lbs.

Part #	Finish
KW200DNLX3	Bright Brass
KW200DNLX5	Antique

Passage Lever
Non-Locking Passage Only



2-3/8" - 2-3/4" Backset
Wt. 1.35 lbs.

Part #	Finish
KW200DLX3	Bright Brass
KW200DLX5	Antique
KW200DLX26D	Satin Chrome

Privacy Lever
Turn button lock inside, no key outside



2-3/8" - 2-3/4" Backset
Wt. 1.35 lbs.

Part #	Finish
KW300DNLX3	Bright Brass
KW300DNLX5	Antique

Privacy Lever
Turn button lock inside, no key outside



2-3/8" - 2-3/4" Backset
Wt. 1.35 lbs.

Part #	Finish
KW300DLX3	Bright Brass
KW300DLX5	Antique
KW300DLX26D	Satin Chrome

Single Cylinder Deadbolt
Full 1" throw with adjustable backset.



2-3/8" - 2-3/4" Backset
Wt. 2.25 lbs.

Part #	Finish
KW780X3	Bright Brass
KW780X5	Antique
KW780X26D	Satin Chrome
KW780X11P	Venetian Bronze

Double Cylinder Deadbolt
Full 1" throw with adjustable backset.



2-3/8" - 2-3/4" Backset
Wt. 2.75 lbs.

Part #	Finish
KW785X3	Bright Brass
KW785X5	Antique
KW785X26D	Satin Chrome
KW785X11P	Venetian Bronze

Single Cylinder Deadlatch
Self-Locking , Self-Latching.



2-3/8" - 2-3/4" Backset
Wt. 2.25 lbs.

Part #	Finish
KW598X3	Bright Brass
KW598X5	Antique
KW598X26D	Satin Chrome

Double Cylinder Deadlatch
Self-Locking , Self-Latching.



2-3/8" - 2-3/4" Backset
Wt. 2.75 lbs.

Part #	Finish
KW599X3	Bright Brass
KW599X5	Antique
KW599X26D	Satin Chrome

Single Cylinder Entry Knob
With Thumb Turn and Deadlatch-
Keyed exterior. Turn button interior will lock or unlock both knobs.



2-3/8" - 2-3/4" Backset
Wt. 2.35 lbs.

Part #	Finish
KW740HX3	Bright Brass
KW740HX5	Antique
KW740HX26D	Satin Chrome

Single Cylinder Deadlatch
Knob- Outside knob needs key to open inside knob always free (Vestibule Lock)



2-3/8" - 2-3/4" Backset
Wt. 2.35 lbs.

Part #	Finish
KW750HX3	Bright Brass
KW750HX5	Antique
KW750HX26D	Satin Chrome
KW750HX11P	Venetian Bronze

Passage Knob
Non-Locking passage only



2-3/8" - 2-3/4" Backset
Wt. 2 lbs.

Part #	Finish
KW720HX3	Bright Brass
KW720HX5	Antique
KW720HX26D	Satin Chrome
KW720HX11P	Venetian Bronze

Passage Lever
Non-Locking passage only.
Reversible Door Handling



2-3/8" - 2-3/4" Backset
Wt. 2.5 lbs.

Part #	Finish
KW720CHLX11P	Venetian Bronze

Kwikset Kingston Lever
Handicap Commercial Series With a Storeroom / Vestibule Function



Kingston Design

KW750KNLX26D

Brushed Chrome Finish

Meets Americans with Disabilities Act (A.D.A.)

Features:
Meets A.D.A. requirements. Comes with a 2-3/8" and 2-3/4" backset adjustable latch. Non-handed. Grade 2 Lock.
Brush Chrome Finish.
Wt. 1.70 lbs.
Storeroom Fuction:
Outside always locked and the inside always free (open). Key outside retracts latch.

Lock Hardware

Hook Locks

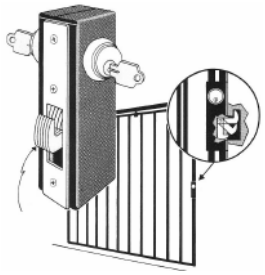
Ideal For Sliding Gates or Double Gates
Schlage or Kwikset Key-Ways. 13/16" Throw



Single T-Turn Cylinder



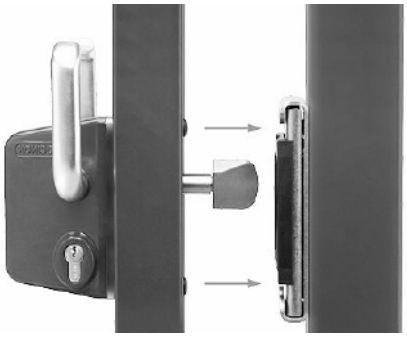
Double Cylinder



Box Size: 1-3/4" W. x 2" D. x 7" H.

Part #	Cylinder(s)	Keyway	Wt.
JSLH106	Double Cylinder	Kwikset	3 lbs.
JSLH106SCH	Double Cylinder	Schlage	3 lbs.
JSLH106T	Single Cylinder W / T-Handle	Kwikset	3 lbs.
JSLH106TSCH	Single Cylinder W / T-Handle	Schlage	3 lbs.

Sliding Gate Lock Kit



Sliding Gate Lock Mounted in the Gate Frame



Post w/Receiver

Front View of Gate

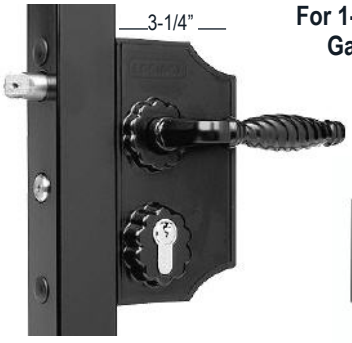
LOCINOX®

LOCLK50SBL

Kit Includes:
Lock, Keeper, and Catch Bolt. Black Finish

LOCINOX® Swinging Gate Lock

Left /Right hand reversible. Stainless steel internal components. Two piece stainless steel latch bolt and a 1" throw bolt. Four hole mounting - Fast & Easy. Cast aluminum lockbox, lock body 3-1/4" wide. Black Finish.



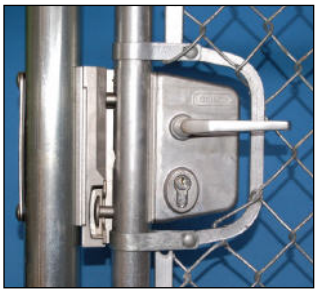
KIT #2
For 1-1/2" - 2-1/2" Gate Frame

LOCLK40FBL

KIT INCLUDES:
Gate Lock & Strike Keeper



Industrial Swinging Gate Lock Kit for Chain Link



Strike Keeper with round adaptor plate. Adaptor fits round 1-5/8" to 2" latch post.

LOCINOX®

Chain Link Gate Lock Kit - 1-5/8 or 1-7/8" Gate Frame

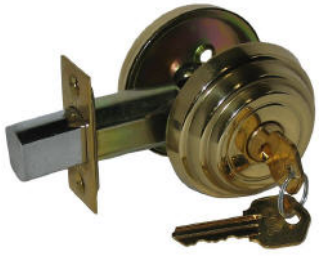
Kit includes: Gate Lock, Chain Link Holder, Strike Keeper and Round Adaptors for Latch Post.

LOCLK40USL



Swinging Gate Lock with round adaptor plate.

Import Single Cylinder Deadbolt With 1" Throw





Part #	Finish	Backset	Wt.
JSSCX3	Bright Brass	2-3/8"	1.1 lbs.
JSSCX5	Antique	2-3/8"	1.1 lbs.

Import Double Cylinder Deadbolt With 1" Throw





Hidden Screw Feature

Part #	Finish	Backset	Wt.
JSDCX3	Bright Brass	2-3/8"	1.5 lbs.
JSDCX5	Antique	2-3/8"	1.5 lbs.

Import Passage Lever Non-locking Passage Only





Marquis Design Lever

Part #	Finish	Backset	Wt.
JSLHMX3	Bright Brass	2-3/8"	1.5 lbs.
JSLHMX5	Antique	2-3/8"	1.5 lbs.

Import Passage Lever Non-locking Passage Only





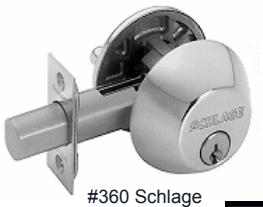
Delta Design Lever

Part #	Finish	Backset	Wt.
JSLHKX3	Bright Brass	2-3/8"	1.5 lbs.
JSLHKX5	Antique	2-3/8"	1.5 lbs.

Lock Hardware

Single CylinderDeadbolt -

Designed with a 1" full throw bolt with concealed hardened steel roller, Adjustable dual backset 2-3/8" or 2-3/4", concealed spin ring to resist wrenching, solid one-piece design, and a pick resistant 5 pin cylinder for added protection.



#360 Schlage



Schlage

Adjustable Backset 2-3/8" or 2-3/4"

Part #	Finish	Backset	Wt.
SCB360X3	Bright Brass	2-3/8"- 2-3/4"	1.5 lbs.
SCB360X5	Antique	2-3/8"- 2-3/4"	1.5 lbs.
SCB360X26D	Satin Chrome	2-3/8"- 2-3/4"	1.5 lbs.

Double CylinderDeadbolt -

Designed with a 1" full throw bolt with concealed hardened steel roller, Adjustable dual backset 2-3/8" or 2-3/4", concealed spin ring to resist wrenching, solid one-piece design, and a pick resistant 5 pin cylinder for added protection.



#362 Schlage



Schlage

Adjustable Backset 2-3/8" or 2-3/4"

Part #	Finish	Backset	Wt.
SCB362X3	Bright Brass	2-3/8"- 2-3/4"	2 lbs.
SCB362X5	Antique	2-3/8"- 2-3/4"	2 lbs.
SCB362X26D	Satin Chrome	2-3/8"- 2-3/4"	2 lbs.

Single Cylinder DeadLatch -

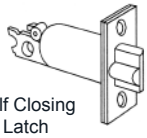
Designed with a self-closing deadlatch to prevent "shimming" the latch with a credit card or similar tool and trim rings reinforced with hardened steel inserts.



#250 Schlage



Schlage



Self Closing Latch

Part #	Finish	Backset	Wt.
SCB250X3	Bright Brass	2-3/8"	1.5 lbs.
SCB250X26D	Satin Chrome	2-3/8"	1.5 lbs.

Double Cylinder DeadLatch

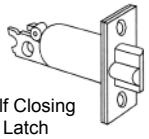
Designed with a self-closing deadlatch to prevent "shimming" the latch with a credit card or similar tool and trim rings reinforced with hardened steel inserts.



#252 Schlage



Schlage



Self Closing Latch

Part #	Finish	Backset	Wt.
SCB252X3	Bright Brass	2-3/8"	2 lbs.
SCB252X26D	Satin Chrome	2-3/8"	2 lbs.

Trim Rings

To be used with the Schlage Dead-Latches 250 & 252 series, see locks above



Sold In Pairs

Fits the 2-1/8" hole lockbox
Converts 2-1/8" hole to a 1-1/2" hole
Wt. 0.10 lbs.

GFRGX3

Bright Brass Finish

GFRGX26D

Brush Chrome Finish

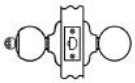
Single Cylinder Deadlatch Knob



#A80 Schlage Plymouth Style Knob

Outside knob needs key to open. The inside knob is always free passage.

Schlage

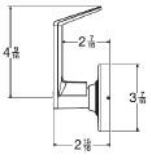


Part #	Finish	Backset	Wt.
SCA80X3	Bright Brass	2-3/8"	1.75 lbs.
SCA80X5	Antique	2-3/8"	1.75 lbs.
SCA80X26D	Satin Chrome	2-3/8"	1.75 lbs.

RHODES *Schlage* Locks

Schlage's D-Series lever locks are for commercial, institutional and industrial use, such as schools, hospitals, and factories, where a long life of dependable operation must be combined with a high degree of resistance to physical abuse.





Part #	Finish	Lock Function	Backset	Wt.
SCD66X10B	Oil Rubbed Bronze	**Store Lock:** Key in either lever locks or unlocks both levers	2-3/4"	3 lbs.
SCD66X26D	Satin Chrome		2-3/4"	3 lbs.
SCD80X10B	Oil Rubbed Bronze	**Storeroom Lock:** Outside lever fixed. Entrance by key only. Inside lever always unlocked	2-3/4"	5 lbs.
SCD80X26D	Satin Chrome		2-3/4"	5 lbs.
SCD82X10B	Oil Rubbed Bronze	**Institution Lock:** Both lever fixed. Entrance by key in either lever.	2-3/4"	5 lbs.
SCD82X26D	Satin Chrome		2-3/4"	5 lbs.

RHODES Schlage Lock Box

4-1/8" H.
4-3/4" L.
1-3/4" W.



K-BXRHO

Lock Hardware

Single & Double Cylinder Dead Bolts with Schlage Keyway



Single Cylinder T220 Series



Double Cylinder T330 Series

Part #	Cylinder	Finish	Backset	Wt.
CRLSD01X10B	Single	Oil Rubbed Bronze	2-3/8" - 2-3/4"	2 lbs.
CRLSDD88X10B	Double	Oil Rubbed Bronze	2-3/8" - 2-3/4"	3 lbs.

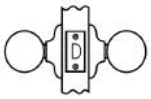
Passage Knob ANSI Standard Grade 3

Reno Design



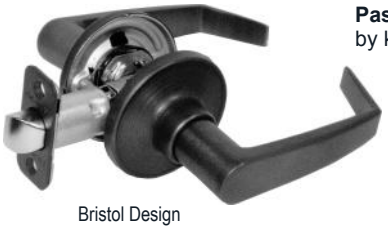
Passage Knob - Latchbolt operated by knob from either side at all times.

Listed, UL10C, UBC 7-2-1997

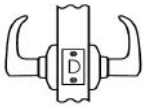


Part #	Finish	Backset	Wt.
CRREN30X10B	Oil Rubbed Bronze	2-3/8" - 2-3/4"	2 lbs.
CRREN30X3	Bright Brass	2-3/8" - 2-3/4"	2 lbs.
CRREN30X32D	Stainless Steel	2-3/8" - 2-3/4"	2 lbs.
CRREN30X5	Antique	2-3/8" - 2-3/4"	2 lbs.

Passage Lever ANSI Standard Grade 3



Passage Lever - Latchbolt operated by knob from either side at all times.

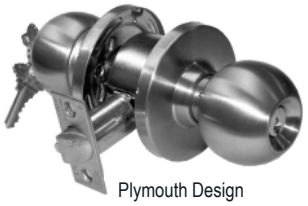


Bristol Design

Listed, UL10C, UBC 7-2-1997

Part #	Finish	Backset	Wt.
CRBRI30X10B	Oil Rubbed Bronze	2-3/8" - 2-3/4"	2 lbs.

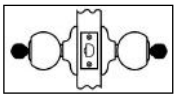
Double Cylinder Entry Knob with Schlage Keyway BA Series Lock Commercial ANSI Grade 2



Plymouth Design

Double Cylinder Entry - Latchbolt operated by both knobs. Key on either side locks or unlocks knobs.

Listed, UL10C, UBC 7-2-1997



Part #	Finish	Backset	Wt.
CRPLG02X32D	Stainless Steel	2-3/8"	2.5 lbs.
CRPLG02X10B	Oil Rubbed Bronze	2-3/8"	2.5 lbs.
CRSLD234X26D	2-3/4" B.S. Latch Only (Satin Chrome)		0.25 lbs.
CRSLD234X10B	2-3/4" B.S. Latch Only (Oil Rubbed Bronze)		0.25 lbs.

Single & Double Cylinder Dead Latch with Schlage Keyway

Commercial Quality

Listed, UL10C, UBC 7-2-1997



Single Cylinder GL220 Series



Double Cylinder GL330 Series

Part #	Cylinder	Finish	Backset	Wt.
CRGL220X10B	Single	Oil Rubbed Bronze	2-3/8"	2 lbs.
CRGL330X10B	Double	Oil Rubbed Bronze	2-3/8"	3 lbs.
CRGL234X3	Latch Only	Bright Brass	2-3/4"	0.25 lb.

Storeroom Lever Lock with Schlage Keyway Genesys Series Heavy Duty Grade 1



GN Lever Design

Storeroom - Latchbolt operated by inside lever or key in outside lever. Outside lever always fixed. Deadlocking (guarded) latchbolt.

Listed, UL10C, UBC 7-2-1997

Meets ADA Requirements



Part #	Finish	Backset	Wt.
CRCAL05X26D	Satin Chrome	2-3/4"	5 lbs.
CRCGN05X10B	Oil Rubbed Bronze	2-3/4"	5 lbs
CRGND238X26D	2-3/8" B.S. Latch Only (Satin Chrome)		0.25 lb.
CRGND238X10B	2-3/8" B.S. Latch Only (Oil Rubbed Bronze)		0.25 lb.
K-BXRHO	Lock Box - With 2-3/4" Backset		2 lbs.

Double Cylinder Entry Lever with Schlage Keyway Genesys Series Heavy Duty Grade 1



GN Lever Design

Double Cylinder Entry - Latchbolt operated by lever from either side. Both levers locked by key from either side. Deadlocking (guarded) latchbolt.

Listed, UL10C, UBC 7-2-1997

Meets ADA Requirements



Part #	Finish	Backset	
CRCAL02X26D	Satin Chrome	2-3/4"	5.25 lbs.
CRGN02X10B	Oil Rubbed Bronze	2-3/4"	5.25 lbs.
CRGND238X26D	2-3/8" B.S. Latch Only (Satin Chrome)		0.25 lb.
CRGND238X10B	2-3/8" B.S. Latch Only (Oil Rubbed Bronze)		0.25 lb.
K-BXRHO	Lock Box - With 2-3/4" Backset		2 lbs.

LOKK-Latch MAGNETIC Gate Lock

LOKKLatch® MAGNETIC



The Lokk-Latch MAGNETIC self-latching lock can simultaneously open or lock the gate from either side of the fence. Fits any metal, wood or vinyl post gates. Fully adjustable. No welding required. 6 pin re-key-able. Non-handed. Made from strong engineering polymers and stainless steel components.
Will not rust. Fits square posts 1-1/2" - 6".
ADA Compliant. Gap variance 3/8" - 1-1/4".

LLMKABT Black Trim K/A

Chrome and Brushed Trim Available

D&D Technologies



Black trim cover (Shown)
4-3/16" D. x 8-3/4" W. x 3-1/2" H. Wt. 1.6 lbs.

CODELOCK 600 Series *MECHANICAL* Pushbutton
Single & Double Sided Lock with Single Code. For COMMERCIAL use.



* Unique on door code change – Quick Code
* Key -Override
* Front cylinder change
* Single code access with 8000 + combinations
* 2-¾ Back-Set
* Schlage Keyway
* Non-Handed
* Two Year Warranty

Code Free Passage Option

In Code Free mode the outside lever will retract the latchbolt without using a code.
See instructions on how to access this option.
Available on the CL615 Series Only.



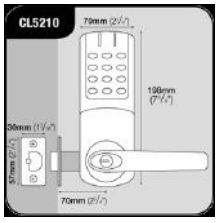
Lock box available
Part # K-BXSIM
See page 3-2

Part #	Finish	Description	Wt.
CL610-SS	Stainless Steel	610 Series Codelock Single Sided	8.5 lbs.
CL615-SS	Stainless Steel	615 Series Codelock Single Sided With Free Passage Option	8.5 lbs.
CL610BB-SS	Stainless Steel	610 Series Codelock Double Sided	10.5 lbs.
CL615BB-SS	Stainless Steel	615 Series Codelock Double Sided With Free Passage Option	10.5 lbs.

CODELOCK 5210 Series ELECTRONIC Pushbutton
Single & Double Sided Lock. For COMMERCIAL use.



* 4 x AA Cells should provide well in excess of **200,000 openings.**
* On door programming via Master (programming) Codes
* Key -Override
* Can store **80 different User Codes** 4, 5 or 6 digits long.
* Allows up to 10 One-Time User Codes to be entered.
* 2-3/4" Back-Set
* Schlage Keyway
* Non-Handed
* One Year Limited Warranty



Code Free Passage Option

The key may be used to set the lock into Code Free mode so that anyone can open the door without using a code. Code Free Mode can also be programmed at the keypad using the Master Code.



Lock box available
Part # K-BXSIM
See page 3-2

Part #	Finish	Description	Wt.
CL5210-BS	Stainless Steel	5210 Electronic Codelock Single Sided	8.5 lbs.
CL5210BB-BS	Stainless Steel	5210 Electronic Codelock Double Sided	10.5 lbs.

LOCKEY 2835 Series Mechanical Pushbutton
Single & Double Sided Lock with Single Code Access
Combination / Passage Lever Handles for RESIDENTIAL Use



LOCKEY 2835 Series Shown
Single Sided. Box Sold Separately

Uses:
* Residential Entry Doors * Garage Doors
* Interior Doors * Screened Walk Gates
* Storage Rooms

DIMENSIONS:
* 5 1/2" H x 1 5/8" W x 2 1/4" D
* Total Coverage w/ Trim Plates is: 6 1/2" x 2 1/2" W
* ADA Lever Size: 4" W x 1" H

* Passage Function included.
* Medium duty lever handle lock
* Easy Installation
* Non-Handed
* 2-3/8" Backset w/deadlocking spring latch
* To change the code the lock must be taken off the door
* Covers 2 1/8" hole



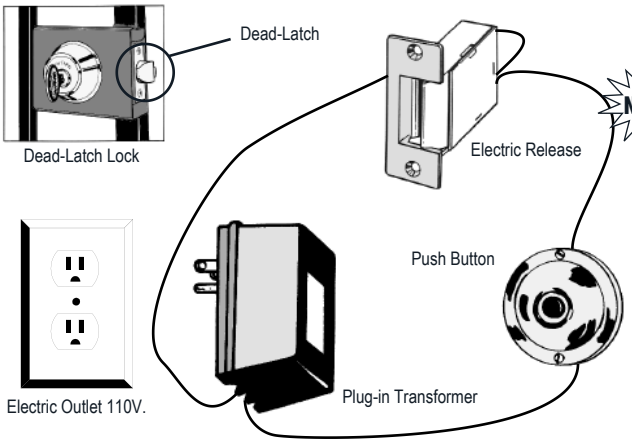
Lock Box Available
Part # K-BXDIG23 Page 3-2

Part #	Finish	Description	Wt.
LK2835-MG	Marine Grade	2835 Series Single Sided Mechanical Push Button Lock	3 lbs.
LK2835-JB	Jet Black	2835 Series Single Sided Mechanical Push Button Lock	3 lbs.
LK2835-OB	Oil Rubbed Bronze	2835 Series Single Sided Mechanical Push Button Lock	3 lbs.
LK2835DC-MG	Marine Grade	2835 Series Double Sided Mechanical Push Button Lock	4 lbs.
LK2835DC-JB	Jet Black	2835 Series Double Sided Mechanical Push Button Lock	4 lbs.
LK2835DC-OB	Oil Rubbed Bronze	2835 Series Double Sided Mechanical Push Button Lock	4 lbs.

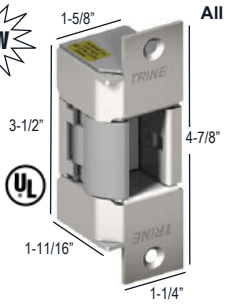


Lock Hardware

The basic electric release and dead-latch wiring system: The basic system consists of a Electric Release, Dead-latch Lock of some kind, Transformer, and a Button or Switch. The Dead-latch Lock latches into the stationary latch of the Electric Release, and is released when the key of the lock is turned or the Electric Release is energized by completing the circuit (such as pressing the push button).



Trine Fire Rated Electric Release
EN40024 - The Only Outdoor Rated Strike



All Stainless Steel Construction

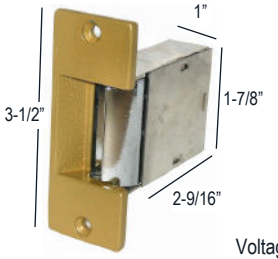
Voltage: **24V AC**
Holding Force: **2000 lbs**
Field adjustable left or right handing ***(Please choose handing when ordering)***
Durability -1,000,000 life cycles
Grade 1 -- Fire Rated
UL Listed 10C (Class A, 3-hour, sing swing door)
Indoor/Outdoor rated

TREN40024R Right
TREN40024L Left



Strike Box
K-BXES-EN400
Special Order
2 3/8 "W x 5 1/8"H x 1 3/4"D - 14 Ga.

Trine Electric Release Lock
To be used with 5/8" Dead-Latch Throw.
Electric release lock to be used in conjunction with dead latch locks. Unlocks when energized.



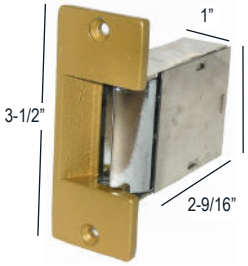


#ELBX Box Available
See Page 3-1

TR005

Voltage: 8-16v AC / 4-6v DC
Holding Force: 1000 lbs
Wt. 0.75 lb.

"S" Trine Electric Release Lock
To be used with 3/4" Dead-Latch Throw
Electric release lock to be used in conjunction with dead latch locks. Unlocks when energized.





#ELBX Box Available
See Page 3-1

TRS005

Voltage: 8-16v AC / 4-6v DC
Holding Force: 1000 lbs
Wt. 0.75 lb.

Trine Electric Release Lock
Electric release lock to be used in conjunction with dead latch locks. Unlocks when energized.



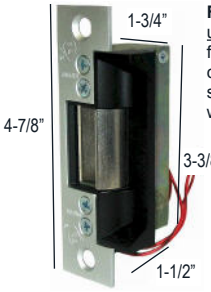


#TR001BOX
Box Available
See Page 3-1

TR001STRIKE

Voltage: 8-16v AC / 4-6v DC
Holding Force: 1000 lbs
Wt. 0.80 lb.

Adams Rite Heavy Duty Commercial Grade Strike



The 7140 Strike comes with the **Fail-Secure** option installed and unlocks when energized. If power fails the strike remains in a locked condition. When the 7140 Strike is set to the **Fail-Safe** option it locks when energized.

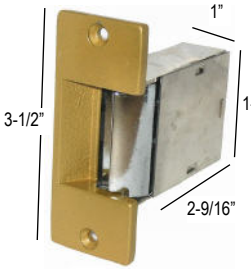


#7140BOX
Available
See Page 3-1

7140STRIKE

Voltage:
24V AC Intermittent / 12V DC Continuous Duty
Holding Force: 2000 lbs
Wt. 1 lb.

Trine 24 Volt Electric Release Lock
24 Volt electric release lock is to be used in conjunction with dead-latch locks. **Unlocks when energized.**



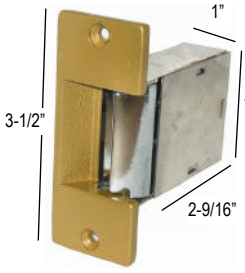


#ELBX Box Available
See Page 3-1

TRS00524

Voltage: 24V AC
Holding Force: 1000 lbs
Wt. 0.75 lb.

Trine 24 Volt DC Reverse Action Electric Release
24 Volt DC reverse action electric release lock is to be in conjunction with dead-latch locks. **Locks when energized.**





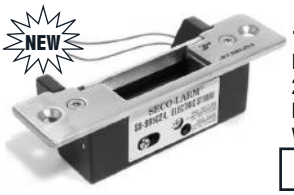
#ELBX Box Available
See Page 3-1

TRS005RS

Voltage: 24V DC
Holding Force: 1100 lbs
Wt. 0.75 lb.

ENFORCER 995C Electric Strikes
12 & 24 Volts - Solenoid Powered

NEW



Size: 4-7/8"x1-1/4"x1-1/4"

12VDC - Solenoid
Fail-secure or Fail-safe:
250mA@12VDC
Holding Force: 2000 lbs.
Wt. 1 lb.

ENFSD-995C



#7140BOX
Available
See Page 3-1

24VDC - Solenoid
Fail-secure or Fail-safe:
150mA@24VDC
Holding Force: 2000 lbs.
Wt. 1 lb.

ENFSD-995C24

Wire-in and Plug-in Tri-Volt Transformer
Tri-Volt Wire-in Transformer to be used in conjunction with electric release locks.



Wire-In Type Wt. 1 lb.

TR525

Tri-Volt Transformer clamps on to 1/2" standard knockouts. 120 Volts primary.

Secondary voltages are:
8V-10W-AC
16V-10W-AC
24V-20W-AC



Plug-In Type Wt. 1.5 lbs.

TR5205

Electric Push Button
Electric Push Button to be used in conjunction With electric release locks. Not to exceed 30 volts. Wt 0.15 lb.



TRJRP

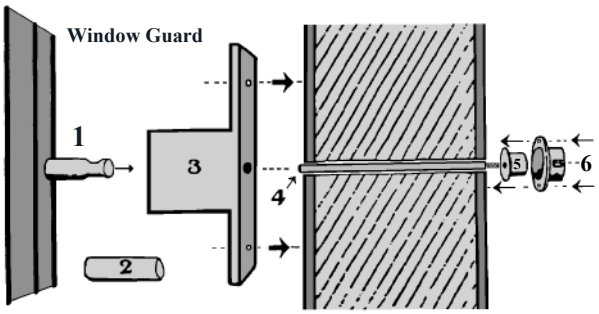
SECTION 4
Panic Hardware



Panic Hardware

Push Button Quick-Release Window Guard Release

Adjustable Wall Thickness Up To 10”



Description of parts from above

1. **Steel Locking Pin**
2. **Paper Sleeve**
3. **Locking Mechanism**
4. **Push Rod**
5. **Push Button**
6. **Protective Cover**



Push the button from the inside to release the mechanism

PBR



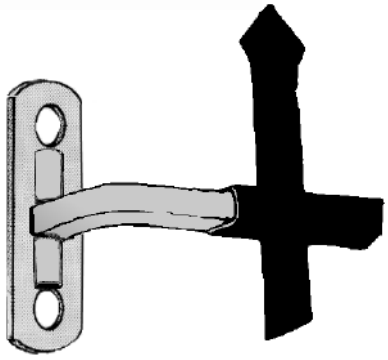
Wt. 1.75 lbs.

Window Guard Hinges



FRHINGE

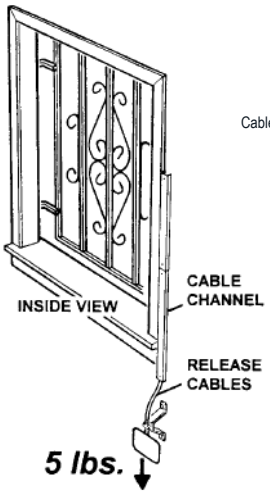
Mtl. 1/2” Sq. Solid
Length 12”
Plate Size:
4” x 1-1/2”
Offset: 2-1/2”
Wt. 2.5 lbs





Operable from the inside without the use of any special tools, keys, special knowledge or effort.

Foot Release *Stirrup Type*



Single Release Shown Below



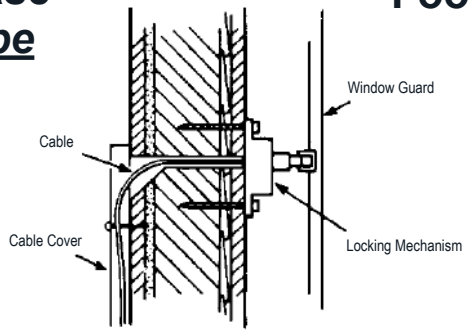
FRSTIR SGL

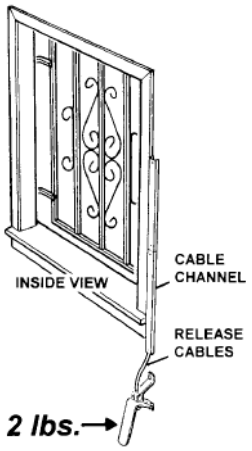
Single Latch Type, Wt. 4.3 lbs.

FRSTIR

Double Latch Type, Wt. 7 lbs.

Foot Release *Kick Type*





Operable from the inside without the use of any special tools, keys, special knowledge or effort.

FRKICK SGL

Single Latch Type, Wt. 4.5 lbs.

FRKICK

Double Latch Type, Wt. 7 lbs.



Single Release Shown Above

2200 Series Rim Type Exit Device For 36"or 48" Doors (ANSI A.156.3 Grade 1)



2200 Series — *With Dogging Feature*

Part #	Description	Wt.
CR2200EO36AL	Rim Type Exit Only - 36"	8 lbs.
CR2220EO48AL	Rim Type Exit Only - 48"	9.5 lbs.

9800 Series Rim Type Exit Device For 36"or 48" Doors (ANSI A.156.3 Grade 1)



9800 Series — *With Dogging Feature*

Part #	Description	Wt.
CR9800EO3632D	Rim Type Exit Only - 36"	11 lbs.
CR9820EO4832D	Rim Type Exit Only - 48"	12 lbs.

Weldable Box For 2200 Series Rim Type Exit Device



Plain steel box for 2200 Series Exit Device 36" or 48"

Rectangular Weldable Gate Box - No Holes

Material: **14 ga.**
Wt. 2.5 lbs.

4-1/2" W. x 8" H. x 1-3/4" D.

K-BX458175

Weldable Box For Outside Trim Lever



Steel box for outside lever or cylinder application. **CRSTR05LX26D, CRENT00LX26D** and **CR2200NLAL** see below.

Material: **14 Ga.**
Wt. 2.6 lbs.

5-3/4" W. x 8" H. x 1-3/4" D.

K-BXEDCR

Weldable Box For 9800 Series Outside Trim Devices



15"- Height
4"-Wide
2"-Depth
14 ga.

K-BX4152

Blank Box - No Holes

To be used with 9800 Series Exit Device, CRNESC9805X26D, CRNESC9800X26D, CR9800NLX32D, CL600PK-BS & CL5000PK-BS

Outside Trim Lever Design with Cylinder



Storeroom Function:
Key unlocks lever, lever retracts latch, otherwise always locked.
Schlage Keyway - 6 pin

CRNESC9805X26D

Entrance Function:
Rigid Entrance, key locks or unlocks escutcheon trim. Operates as class-room function. Schlage Keyway - 6 pin

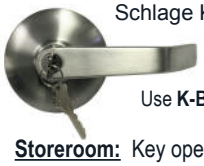
CRNESC9800X26D

10-1/4" H. x 2-3/4" W.

To be used with blank box K-BX4152
Use template provided.

Outside *Trim Lever* Design

"Two functions to choose from"



Schlage Keyway

Use **K-BXEDCR** Box

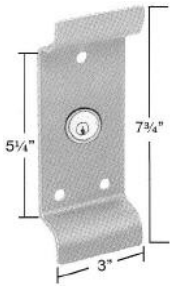
Storeroom: Key operates lever, otherwise always locked. Wt. 3 lbs.

CRSTR05LX26D

Entrance: Key retracts latchbolt, unlocks lever. Wt. 3 lbs.

CRENT00LX26D

Outside *Trim Cylinder* Design



Outside by pull and key. Key retracts latch-bolt.
Storeroom: Key operates lever, other-wise always locked. Use **K-BXEDCR or K-BX458175** box with slight modification
Wt. 1.2 lbs.

CR2200NLAL

Weldable Box For 9800 Series Outside Trim Devices



15"- Height
5"-Wide
1-3/4"-Depth - 14 ga.

K-BX515175

Blank Box - No Holes

To be used with 9800 Series Exit Device, CRNESC9805X26D, CRNESC9800X26D, CR9800NLX32D, CL600PK-BS & CL5000PK-BS

Outside Trim Pull Design with Cylinder



Storeroom Function:
Always locked. Key retracts latchbolt.
Schlage Keyway - 6 pin

14-9/16" H. x 2-5/8" W.

To be used with blank box K-BX515175 or K-BX4152 - 2" Wide (may need longer screws)
Use template provided.

CR9800NLX32D

Electric Strike Release For Rim Type Panic Bars



Features: 300,000 Life cycles, Holding Force 1200 lbs. , Die Cast Case, Heavy Duty Latch Spring, Mortise Type - Backset 1-5/8" Deep, and Fail Secure (standard action) 24 VAC. Satin Chrome - US26D. Fits the Weldable 7140BOX with some slight modification to release. Wt. 1 lb.

Face Plate- 1-1/4" x 4-7/8" Solid Cast Latch - Chrome plated, Cavity Depth 9/16", Width 9/16", Height 9/16", Height 1-17/32".

TR012C24



The 7140BOX needs slight modification to except the TR012C24 VAC electric release.
(Dim: 9" H. x 2" D. x 2" W.)
Wt. 1.25 lbs.

7140BOX

H.D. Electric Strike, Surface Mounted For CR9800 or CR2200 Exit Devices



3/4" x 9" x 1-3/4"

BHMA Grade 1 Electric Strike
1,500,000+ Life Cycles
3,000 + lbs. Holding Force
Fail-safe/fail-secure Field Selectable

TR4800

Polished Stainless Steel Finish

"Plug in Play" built-in electronics automatically allow AC & DC Volt-age input - with surge and kickback protection.

Volts	Pull In / Hold Amps	Duty	Sound
12 DC	0.566 / 0.217	Intm./Cont.	Silent
24 DC	0.253 / 0.099	Intm./Cont.	Silent
12 AC	0.509 / 0.181	Intm./Cont.	Silent
16 AC	0.405 / 0.149	Intm./Cont.	Silent
24 AC	0.215 / 0.087	Intm./Cont.	Silent

Heavy Duty Mechanical Lock Kit

To be used with CR9800 Exit Devices



Outside lever turns freely without operating the latchbolt. When valid code is entered the lever will retract the latchbolt. Key override. 2-5/16 W. x 7-1/2 H.

To be used with K-BX4152 blank box. Use template provided.

CL600PK-BS

Heavy Duty Electronic Lock Kit

To be used with CR9800 Exit Devices



Outside lever turns freely without operating the latchbolt. When valid code is entered and blue light burns, the lever will retract the latchbolt. Key override. 2-5/16 W. x 7-½ H.

To be used with K-BX4152 blank box. Use template provided.

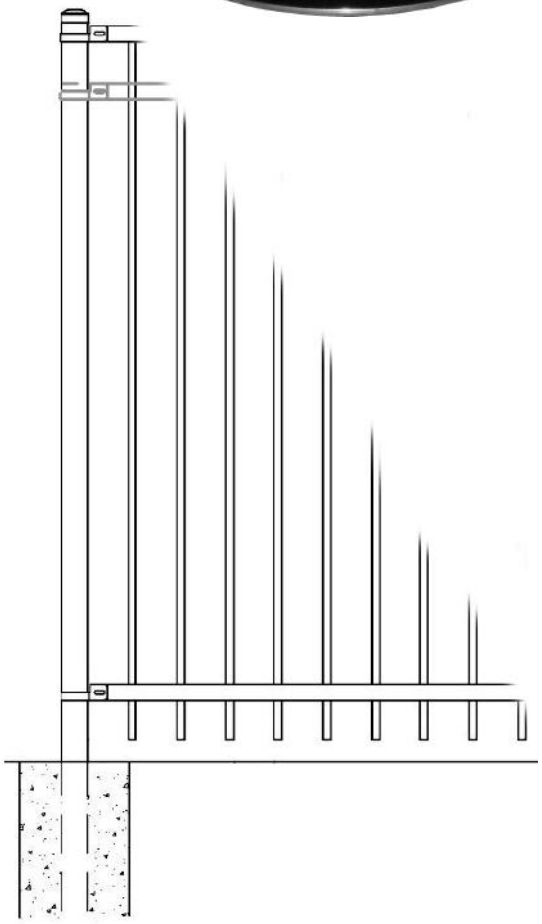
CL5000PK-BS

SECTION 5
Paint & Metal Cleaners / Anchoring Cement









Tubing Degreaser Concentrate



1 Gallon Cans
4 Jugs Per Case

JTC prepares metal for painting. Its non-flammable and mixes with water. Biodegradable in its natural form. Removes grease and light surface rust. 1 gallon plastic containers, 4 gallons per case. Low V.O.C. Rating of 103.



Mixes with water 6 to 1 (that's 6 parts water to 1 part cleaner) or mix at a higher ratio for lighter jobs.

Part #	Description	Wt.
JTC	Heavy Duty Degreaser (4 Gallons Per Case)	38 lbs.
LOOSEJTC	Broken Case / 1 Gallon	8 lbs.



4 Gallons Per Case

COLD GALVANIZING SPRAY COATINGS



LOOSEPFIREGULAR

Metalize Zinc Rich PRIMER Corrosion Resistant

Color: Gray
Heat Resistance: 212 F continuous
Dry to Touch: 10-20 minutes
Re-coat Time (Optional Topcoat): 24 hours
Can Size: 16 oz.
Fill Weight: 10 oz.
Exterior Exposure: 2 years
Shelf Life: 2 years

Net 10 oz. (285G)
12 cans per case

Typical Uses:
Apply cold galvanizing compound for long term anticorrosion protection on steel and iron structures and equipment. May also be used for maintenance and restoration of worn or damaged galvanized metal.



LOOSEPFIBRIGHT

Metal-Clad HIGH SHEEN COATING Heavy Duty Corrosion Inhibitor

Color: Gray
Heat Resistance: 212 F continuous
Dry to Touch: 15-30 minutes
Re-coat Time (Optional Topcoat): Within 2-12 hours
Can Size: 16 oz.
Fill Weight: 10 oz.
Exterior Exposure: 2 years
Shelf Life: 2 years

Net 10 oz. (285G)
12 cans per case

Typical Uses:
Apply cold galvanizing compound for long term anticorrosion protection on steel and iron structures and equipment. May also be used for maintenance and restoration of worn or damaged galvanized metal.

Our Cold Galvanizing aerosols are zinc-rich, industrial grade protective coatings with at least 95% pure zinc content in the dry film, per ASTM D520 Type II test method. These compounds provide long lasting galvanic anti-corrosion protection for steel and other ferrous metals. Zinc's cathodic protection makes these finishes highly resistant to weather and water, while ensuring that rust cannot creep underneath the film.



Jansen Industrial Grade Paints

Formulated for iron and metal applications. Built in resistance to weather, moisture, and corrosion. Fast drying time: Dust free in 15 minutes, dry to the touch in 30 minutes. (Times may vary due to local climate / humidity / spray equipment).
Perfect for spraying or dipping.

1 Gallon Cans

Part #	Description	Color #	V.O.C.	Wt.
HSGCROX	Red Oxide Primer	1101	270	11.5 lbs.
HSGCFLB	Flat Black Primer	3126	273	11.5 lbs.
HSGCBLZC	Black Primer - Flat Finish With Rust Inhibitor	1116	270	11.5 lbs.
HSGCGRZC	Grey Primer - Flat Finish With Rust Inhibitor	1126	272	11.5 lbs.
HSGCFLW	Flat White Primer - Finish With Rust Inhibitor	1757	272	12.5 lbs.
HSGCSGB	Semi Gloss Black Primer-Finish With Rust Inhibitor	1722	275	11 lbs.
HSGCGLB	Gloss Black Enamel	3313	415	8.5 lbs.
HSGCGLW	Gloss White Enamel	2606	404	10 lbs.
HSGCGLBR	Gloss Brown Enamel	3237	414	8.5 lbs.

5 Gallon Pails

Part #	Description	Color #	V.O.C.	Wt.
HSROX	Red Oxide Primer	1101	270	58 lbs.
HSGRZC	Grey Primer - Flat Finish With Rust Inhibitor	1126	272	58 lbs.
HSSGB	Semi Gloss Black Primer-Finish With Rust Inhibitor	1722	275	55 lbs.
HSGLB	Gloss Black Enamel	3313	415	43 lbs.
HSGLW	Gloss White Enamel	2606	404	50 lbs.
HSFLB	Flat Black Primer	3126	273	58 lbs.



Solvents & Acetone

1 Gallon Cans

Part #	Description	Pail Size	Wt.
GCREDUCER	S-B Synthetic Reducer Can be used with all brands of paints	1 Gallon	7.25 lbs.
GCACETONE	AC-3 Acetone Blend Best used with high solid paints	1 Gallon	7.5 lbs.
2210	XL Thinner Best used with Sumter Coatings	1 Gallon	10 lbs.

5 Gallon Pails

Part #	Description	Pail Size	Wt.
REDUCER	S-B Synthetic Reducer Can be used with all brands of paints	5 Gallon	36.25 lbs.
ACETONE	AC-3 Acetone Blend Best used with high solid paints	5 Gallon	38 lbs.

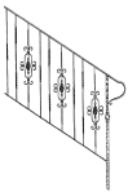
All solvents and acetones mentioned are used for thinning paint. These quick-dry solvents save time, money and can be used with all brands of paint.



Jansen Aerosol Spray Paint 11 oz. Cans



Color Matches Jansen Brand Paints
12 Cans Per Case





11 oz. Cans

Part #	Description	Color #	Type	Wt.
AEROX	Red Oxide Primer	1101	Primer	13 lbs.
AEBLZC	Black Primer - Flat Finish With Rust Inhibitor	1116	Primer	13 lbs.
AEGRZC	Grey Primer - Flat Finish With Rust Inhibitor	1126	Primer	13 lbs.
AEFLW	Flat White Primer - Flat Finish With Rust Inhibitor	1757	Primer	12.75 lbs.
AESGB	Semi Gloss Black Primer-Finish With Rust Inhibitor	1722	Primer / Finish	13 lbs.
AEGLB	Gloss Black Enamel	3313	Enamel	13 lbs.
AEGLW	Gloss White Enamel	2606	Enamel	13.25 lbs.

Metal Master

By Sumter Coatings™

Start First With The Finish That Lasts!



Sumter Coatings Spray Paint is one of the the best for industrial use. It's easy to apply and deters rust. Color matches the Sumter Coatings gallon can.

12 Cans Per Case
12 oz. Cans

Finish Description	Part #	Color	Wt.
Satin Shield Primer / Finish Spray	LOOSEAE2100	Black Satin Shield	1 lb.
	LOOSEAE2181	Brilliant White Satin Shield	1 lb.
	LOOSEAE2109	Antique White Satin Shield	1 lb.
	LOOSEAE2157	Dark Bronze Satin Shield	1 lb.
	LOOSEAE2102	Chocolate Brown Satin Shield	1 lb.
Epoxy Primer Spray	LOOSEAE1368	Grey-Green Epoxy Primer	1 lb.
Hi-Solid Primer Spray	LOOSEAE1369	Red Hi-Solids	1 lb.
	LOOSEAE1364	Grey Hi-Solids	1 lb.
Shop Coat Primers Spray	LOOSEAE2712	Red Shop Coat	1 lb.
	LOOSEAE1007	Grey Shop Coat	1 lb.
	LOOSEAE3879	Flat Black	1 lb.
Gloss Acrylic Enamel Spray	LOOSEAE0090	Gloss Black Acrylic	1 lb.
	LOOSEAE0711	Gloss White	1 lb.

Metal Master

By Sumter Coatings™

Start First with the Finish that Lasts!



Oil Base Primers and Paints Especially Designed For the Ornamental Iron Industry.

Sold in 1 Gallon Cans

Material Description	Part #	Color	Wt.
Satin Shield Primer / Finish Satin Shield is lead and chrome free and may be applied by conventional or airless spray, brush, roller or dipped. It's unique formulation with built in rust inhibitors and modified vinyl liquid base act as a primer as well as a topcoat to reduce corrosion, while obtaining a durable, attractive finish. Available in several colors shown on reverse side. All colors are available in gallon cans. Fives, drums and and spray cans available in limited colors. The #1 true ornamental iron finish offers you a self-priming system for direct-to-metal applications. The built in rust inhibitors make this product ready to use without a primer. Satin Shield is great for hand rails, castings, tubing, security bars, screening, grills, gates and much more.	2100	Black Satin Shield	9 lbs.
	2181	Brilliant White Satin Shield	11 lbs.
	2109	Antique White Satin Shield	11 lbs.
	2157	Dark Bronze Satin Shield	9.75 lbs.
	2102	Chocolate Brown Satin Shield	10 lbs.
Epoxy Primer This great product is a premium blend of epoxy and other premium resins. Epoxy Primer offers high solids, low VOC, excellent corrosion resistance and excellent adhesion characteristics. This primer can be top-coated with most paints normally within the hour. XL Thinner #2210 Highly Recommended.	1368	Grey-Green Epoxy Primer	11.5 lbs.
Hi-Solid Primer Our Premium Universal Quick Dry Primer is a quality product that offers high solids and low VOC. This product can be topcoated with epoxies, urethanes, acrylics, enamels and many other finishes without any critical re-coat time.	1369	Red Hi-Solids	12 lbs.
	1364	Grey Hi-Solids	12 lbs.
Shop Coat Primers A user friendly high solids paint that offers a low VOC, less than 3.5 lbs. per gallon. This product is a great economical value, offering the kind of protection you need. Can be topcoated with most single packaged paints.	2712	Red Shop Coat	12.25 lbs.
	1007	Grey Shop Coat	12.25 lbs.
	3879	Flat Black	10 lbs.
Gloss Acrylic Enamels Especially formulated for miscellaneous metals requiring durable, fast drying, high gloss finishes. This product is tough, flexible and resistant to many chemicals and should be used with one of Sumter Coatings' Primers. Perfect for new or previously painted surfaces.	0090	Gloss Black Acrylic	8.75 lbs.
	0711	Gloss White Acrylic	9 lbs.

QUIK-Rok®



Net. 50 lbs / Gross 54.5 lbs

Description:

Quik-Rok® is a chemically engineered Hydraulic cement which when mixed with water forms a mix that can be poured. This self-leveling characteristic makes it an ideal grouting material. Controlled expansion enables Quik-Rok® to develop "lock-in" adhesion which can withstand loads in excess of 10,000 P.S.I. Designed to set within 15 minutes, even in subfreezing temperatures, down to 20º Fahrenheit.

Coverage:

One 50 lbs. pail of Quik-Rok® fills approximately 1/2 cubic foot.

Mixing:

Mix clear water with Quik-Rok® approximately 1 part to 2-1/2 parts of Quik-Rok®, by volume. Stir until smooth, avoiding a watery mix. (Note: excess water reduces strength, durability and increase set-time, as with any hydraulic cement). Do not add additional amounts of water as mix begins to set. Prepare only as much Quik-Rok® as will be used in 10 minutes.

As An Additive:

Increasing set time and compressive strength of Portland Cement in setting fence post.

Advantages:

* Pre-Mixed
* Fast Set Time
* Easy To Pour
* Self-Leveling
* Exceptional One Hour Compressive Strength
* Non-Shrinking
* Non-Metallic

Part #	Description	Net Wt.
QRK	Fast Setting Cement Grout	50 lbs
WCQRK	Fast Setting Cement Grout Picked-up at Jansen Supply Co.	50 lbs

Physical Properties:

Color: Gray
Set Time: 8-12 Min.
Ratio: 0.28
Expansion: 0.2%

Compressive Strength:

One Hour Wet: 4,000 PSI
One Hour Dry: 6,000 PSI
One Hour Frozen: 3,000 PSI
One Day Dry: 9,000 PSI
One Day Frozen: 6,450 PSI
Ultimate: 11,000 PSI

Dimensions for grouting balcony railing, anchor bolts, rods, post. Etc....					
Dia. of Material	1/2”	3/4”	1”	1-1/2”	2”
Dia. of the Hole	1-1/2”	1-3/4”	2”	2-1/2”	3”
Depth of Hole	1-1/2”	2-1/4”	2-3/4”	2-3/4”	5”
Amt. of Quik-Rok	1/2 lb	1 lb	1-1/4 lbs	1-3/4 lbs	4 lbs

Exterior Application:

For exterior applications, QUIK-ROK® must be shaped (crowned) to allow for water "runoff". Do not allow sleeve to act as water reservoir. Trowel a mound like head to insure water drain-off. Constant exposure to large amounts of water may cause deterioration.

SECTION 6
Fasteners / Anchors



Zinc Plated Hex Head Lags

High Quality, Genuine Lag Screws, Grade 2



100 PCs Per Box

5/16", 3/8" & 1/2" Diameters

Part #	Size	Wt.	Part #	Size	Wt.
HXL7	5/16" x 1 1/2"	3.25 lbs.	HXL16	3/8" x 2"	6.25 lbs.
HXL8	5/16" x 2"	3.5 lbs.	HXL17	3/8" x 2 1/2"	7.25 lbs.
HXL9	5/16" x 2-1/2"	4.75 lbs.	HXL18	3/8" x 3"	9 lbs.
HXL10	5/16" x 3"	5.25 lbs.	HXL19	3/8" x 3-1/2"	9.75 lbs.
HXL11	5/16" x 3-1/2"	6.5 lbs.	HXL20	3/8" x 4"	11.25 lbs.
HXL12	5/16" x 4"	7.5 lbs.	HXL21	3/8" x 5"	14 lbs.
HXL13	5/16" x 5"	9.75 lbs.	HXL22	3/8" x 6"	15 lbs.
HXL14	5/16" x 6"	11.5 lbs.	HXL23	1/2" x 3"	17.5 lbs.
HXL15	3/8" x 1-1/2"	5 lbs.			

5/16" One Way Lags Black Finish

High Quality, Genuine Lag Screws, Grade 5 Heat Treated. 1-1/2" - 3" Are Fully Threaded



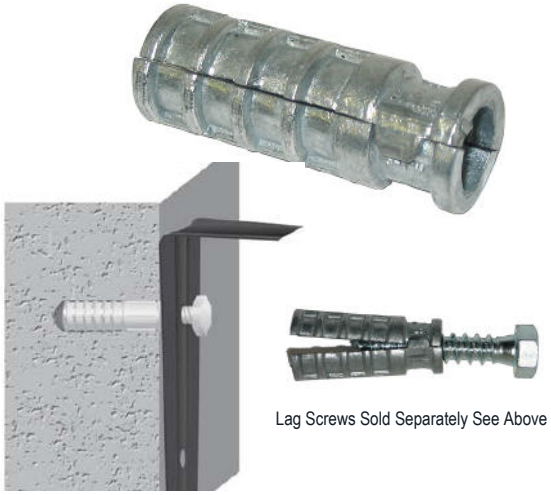
100 PCs Per Box



Top View

Part #	Size	Wt.
OWL1	5/16" x 1 1/2"	3 lbs.
OWL2	5/16" x 2"	3.5 lbs.
OWL3	5/16" x 3"	4.8 lbs
OWL4	5/16" x 4"	7 lbs.
OWL5	5/16" x 5"	8.5 lbs.
OWL6	5/16" x 6"	8.25 lbs.

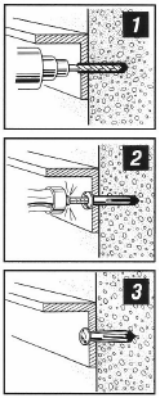
Lag Screw Expansion Shields



Lag Screws Sold Separately See Above

Use these precision die-cast shields to anchor in all types of masonry. They're ideal between bricks in mortar joints, in cinder block, or for attaching steel to concrete.

Part #	Lag Size	Drill Size & Length	Box Quantity	Wt.
5/16S	5/16"	1/2" x 1-1/4" (Shorts)	50	1.75 lbs.
5/16L	5/16"	1/2" x 1-3/4" (Longs)	50	2.3 lbs.
3/8S	3/8"	5/8" x 1-3/4" (Shorts)	50	3.4 lbs.
3/8L	3/8"	5/8" x 2-1/2" (Longs)	50	4.75 lbs.



Nail-Drive Anchors

Nail Drive Anchor:

* Can be used in concrete, block and brick.
* Easy through-the-work installations.
* Low-profile, one piece anchor assembly.
* Suitable for use in high compressive strength concrete. (Where codes do not permit powder-actuated fastening.)



Part #	Drill Size & Length	Box Qty	Wt.
HS-1410	1/4" x 1"	100	2.4 lbs.
HS-1412	1/4" x 1-1/4"	100	2.6 lbs.
HS-1414	1/4" x 1-1/2"	100	2.8 lbs.
HS-1420	1/4" x 2"	100	3.5 lbs.

Tubular Wall Anchors Fits 1/4" or 5/16" Lag Screws

Our most economical anchor for use in drywall, concrete, wood or brick. To install, insert anchor in drilled hole, insert screw through fixture into anchor and tighten.

3/8" x 2"
50 per box
Wt. 0.25 lb.





Lag Screws Sold Separately See Above

PA2

Powers Wedge-Bolt+ Screw Anchors

(Carbon Steel with Blue Tip)

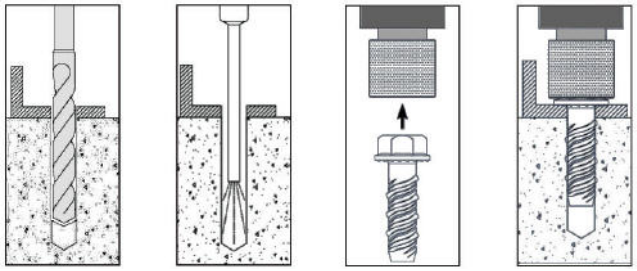


The Wedge-Bolt+ anchor is a one piece, heavy duty screw anchor with a finished hex head. It is easy to install, easy to identify and fully removable. The Wedge-Bolt+ has features and benefits that make it well suited for many applications. The steel threads along the anchor body tap into the hole during installation to provide keyed engagement.

Wedge-Bolt+ is marked with a blue tip and should be installed with a matched tolerance Wedge-Bit™ for optimum performance. (See below)

- Consistent performance in high and low strength concrete.
- Diameter, length and identifying marking stamped on head of each anchor.
- Fast installation with a powered impact wrench.
- Blue Wedge-bit is matched to the nominal anchor diameter.

Part #	Drill Size & Length	Box Qty	Wt.
POW7206SD	1/4" x 1-3/4"	100	0.07 lb.
POW7210SD	1/4" x 3"	100	0.09 lb.
POW7220SD	3/8" x 1-3/4"	50	0.07 lb.
POW7224SD	3/8" x 3"	50	0.12 lb
POW7226SD	3/8" x 4"	50	0.15 lb.
POW7228SD	3/8" x 5"	50	0.18 lb.
POW7242SD	1/2" x 2-1/2"	50	0.18 lb.
POW7244SD	1/2" x 3"	50	0.20 lb.
POW7246SD	1/2" x 4"	50	0.26 lb.



Powers Wedge-Bit™

(SDS-Plus Blue Drill Bit)



For proper performance, the wedge-bolt+ anchors must be installed with a wedge-bit. The Wedge-Bit has a special matched tolerance range designed to provide optimum performance for the Wedge-Bolt+ anchor. (see above)

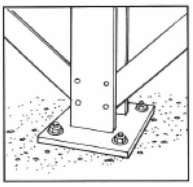
Other Wedge-Bits available upon request. Special Order.

• Spline • Straight Shank • SDS-Max

Part #	Drill Depth	Drill Size & Length	Wt.
POW1314	4"	1/4" x 6"	0.50 lb.
POW1316	4"	3/8" x 6"	0.50 lb.
POW1318	6"	3/8" x 8"	0.50 lb.
POW1320	4"	1/2" x 6"	0.50 lb.

Red Head Concrete

Sleeve Expansion Anchors





* Anchor diameter equals hole diameter.
* Heavy-loading Capacity.
* Pre-assembled for faster, easier installations.
* Six rib sleeve design improves holding power.
* Provides full 360 degrees hole contact over large area and reduces concrete stress.

Part #	Box Qty	Drill Size & Length	Wt.
HN-3817	50	3/8" x 1-7/8"	0.07 lb.
HN-3830	50	3/8" x 3"	0.10 lb.

Powers Lok-Bolt Sleeve Expansion Anchor

GENERAL APPLICATIONS AND USES
• Door and Window Frame Installations • Shelving and Storage • Mounting fixtures on walls • Masonry Applications • Mounting of Handrails and Fencing • Electrical and Mechanical Attachments

FEATURES AND BENEFITS
• Multiple head styles for multiple applications and finished appearance
• Fits standard fixture holes – No need to undersize anchors for proper fit
• Immediate Loading – Minimizes downtime
• Sleeve has 360° contact area and reduces concrete stress
• Versatile and ideal for concrete, brick and block
• Available in carbon steel



The Lok-Bolt is a pre-assembled single unit sleeve anchor made of carbon steel which can be used in concrete, block, brick, and stone. The Lok-Bolt is designed to draw the fixture into full bearing against the base material through the action of its unique and flexible compression ring. This helps to increase the resistance of the anchor to loosening when subjected to vibratory loads. As the anchor is being tightened, the nylon compression ring will compress if necessary, so that the fixture is tightly secured against the face of the base material. Under load, the specially tapered plow bolt is drawn further into the expansion sleeve to develop increased locking action against the walls of the hole. Extension sleeves are added for longer lengths.

Part #	Drill Size & Length	Box Qty.	Wt.
POW5005S	5/16" x 1-1/2"	100	0.04 lb.
POW5010S	5/16" x 2-1/2"	100	0.06 lb.
POW5015S	3/8" x 1-7/8"	50	0.07 lb.
POW5020S	3/8" x 3"	50	0.10 lb.
POW5025S	1/2" x 2-1/4"	25	0.14 lb.
POW5030S	1/2" x 3"	25	0.16 lb.
POW5034S	1/2" x 4"	25	0.22 lb.

Power-Stud Wedge Expansion Anchor

GENERAL APPLICATIONS AND USES
• Lighting Standards and base plates • Sills and support ledger • Structural anchorage • Retrofit projects and machinery anchorage

FEATURES AND BENEFITS
• Fully threaded, heavy and medium duty all-purpose anchor
• Nominal drill bit diameter same as anchor diameter (threaded version)
• Length ID stamped on each threaded anchor
• Anchors can be installed through the fixture, hole spotting not required
• Chamfered impact section prevents damage to threads
• Length of holes can be over-drilled or bottomless
• Clip design prevents spinning during installation



The Power-Stud anchor is a fully threaded, torque-controlled, wedge expansion anchor. It are suitable for applications in solid concrete and grout-filled concrete masonry. The carbon steel threaded version is suitable for a variety of applications. The drill bit diameter necessary for proper installation is the same as the anchor diameter.

Part #	Drill Size & Length	Box Qty.	Wt.
POW7410SD1	3/8" x 2-1/4	50	0.10 lb.
POW7412SD1	3/8" x 2-3/4"	50	0.10 lb.
POW7413SD1	3/8" x 3"	50	0.10 lb.
POW7416SD1	3/8" x 5"	50	0.15 lb.
POW7420SD1	1/2" x 2-3/4"	50	0.10 lb.
POW7422SD1	1/2" x 3-3/4"	50	0.24 lb.
POW7423SD1	1/2" x 4-1/2"	50	0.26 lb.

Zinc Self Drilling Screws With Hex Washer Head



Various Sizes To Meet Your Needs

100 PCs per box

Part #	Fits	Size	Qty	Wt.
POW135015	1/4"	#10-16 x 3/4" #3	100	0.65 lb.
POW135016		#10-16 x 1" #3	100	0.80 lb.
POW135017		#10-16 x 1-1/4" #3	100	0.92 lb.
POW135018		#10-16 x 1-1/2" #3	100	1.06 lbs.
POW135022	5/16"	#12-14 x 3/4" #3	100	0.89 lb.
POW135023		#12-14 x 1" #3	100	1.08 lbs.
POW135024		#12-14 x 1-1/4" #3	100	1.25 lbs.
POW135025		#12-14 x 1-1/2" #3	100	1.44 lbs.
POW135029	3/8"	#14-14 x 3/4" #3	100	1.35 lbs.
POW135030		#14-14 x 1" #3	100	1.65 lbs.
POW135031		#14-14 x 1-1/4" #3	100	1.86 lbs.
POW135032		#14-14 x 1-1/2" #3	100	2.08 lbs.

Magnetic Hex Head Chuck Driver

Ideal for driving hex head screws
Magnetic design holds fasteners securely
1/4" hex shank to fit the chuck of most drills



Part #	Size	Wt.
POW221001	1/4" Short	0.20 lb.
POW221002	1/4" Medium	0.20 lb.
POW221004	5/16" Short	0.20 lb.
POW221005	5/16" Medium	0.20 lb.
POW221007	3/8" Short	0.20 lb.
POW221008	3/8" Medium	0.20 lb.

Zinc Wafer Head Self Drilling Screws



Great For Attaching Perforated Sheets To Gates

100 PCs per box

Part #	Size	Qty	Wt.
POW138525	8 x 1/2"	100	0.36 lb.
POW138527	8 x 3/4"	100	0.45 lb.

Magnetic Bit Tip Holder

To be used with #2 Phillips Bit Tip
Magnetic design holds fasteners securely
1/4" hex shank to fit the chuck of most drills



Magnetic Bit Tip Holder



#2 Pillips Bit Tip

Part #	Size	Wt.
POW221010	Magnetic Bit Tip Holder	0.20 lb.
POW221022	#2 Phillips Bit Tip	0.10 lb.

SECTION 7
Abrasives



Abrasives



Pearl Maxidisc

For removal of weld beads, paint, metal burs, And great for blending weld joints

Pearl's New Maxidisc is created of aluminum oxide grains on a coated abrasive cloth, and molded into the uni-shape of a depressed center grinding wheel. It's designed to offer MAXIMUM PERFORMANCE AND SAFETY for heavy grinding and / or fine polishing.

Part #	Size	Grit	RPM	Box Qty	Wt.
MD4X5/8X40	4”	40	13,700	10	0.20 lb.
MD4X5/8X60	4”	60	13,700	10	0.20 lb.
MD4 1/2X7/8X40	4-1/2”	40	11,000	10	0.30 lb.
MD4 1/2X7/8X60	4-1/2”	60	11,000	10	0.30 lb.
MD7X7/8X60	7”	60	6,000	10	0.70 lb.



Heavy Duty Paper Fibre Discs

Made from
C-Type Aluminum Oxide

Part #	Size	Grit	RPM	Box Qty	Wt.
FD4X5/8X50	4”	50	13,500	50	0.05 lb.
FD4X5/8X80	4”	80	13,500	50	0.05 lb.
FD4 1/2X7/8X50	4-1/2”	50	13,500	50	0.05 lb.
FD4 1/2X7/8X80	4-1/2”	80	13,500	50	0.05 lb.
FD5X7/8X50	5”	50	11,900	50	0.05 lb.
FD5X7/8X80	5”	80	11,900	50	0.05 lb.
FD7X7/8X50	7”	50	8,550	50	0.05 lb.
FD7X7/8X80	7”	80	8,550	50	0.05 lb.





Bottom View

Rubber Back-up Pad With Lock Nuts

To be used with the heavy duty paper fibre sanding discs. See above.

Part #	Size	Nut Size	Wt.
RP4	4”	10 MM	0.10 lb.
RP4 1/2	4-1/2”	5/8”-11	0.15 lb.
RP5	5”	5/8”-11	0.20 lb.
RP7	7”	5/8”-11	0.40 lb.





Reinforced Abrasive Cut Off Wheels

Our ***Double Reinforced Wheels*** are made here in the U.S.A designed for most hand held tools.

Our ***Single Reinforced Wheels*** are imported and are used for general purpose cutting.

Part #	Size	RPM	Box Qty.	Wt.
Double Reinforced				
COW4X1/16X5/8	4”	18,000	**100**	0.10 lb.
COW4.5X1/16X7/8	4-1/2”	13,300	**50**	0.10 lb.
COW7X1/8X5/8	7”	8,500	**25**	0.40 lb.
Single Reinforced				
JSCOW14X7/64X1	14”	4,400	**10**	1.25 lbs.





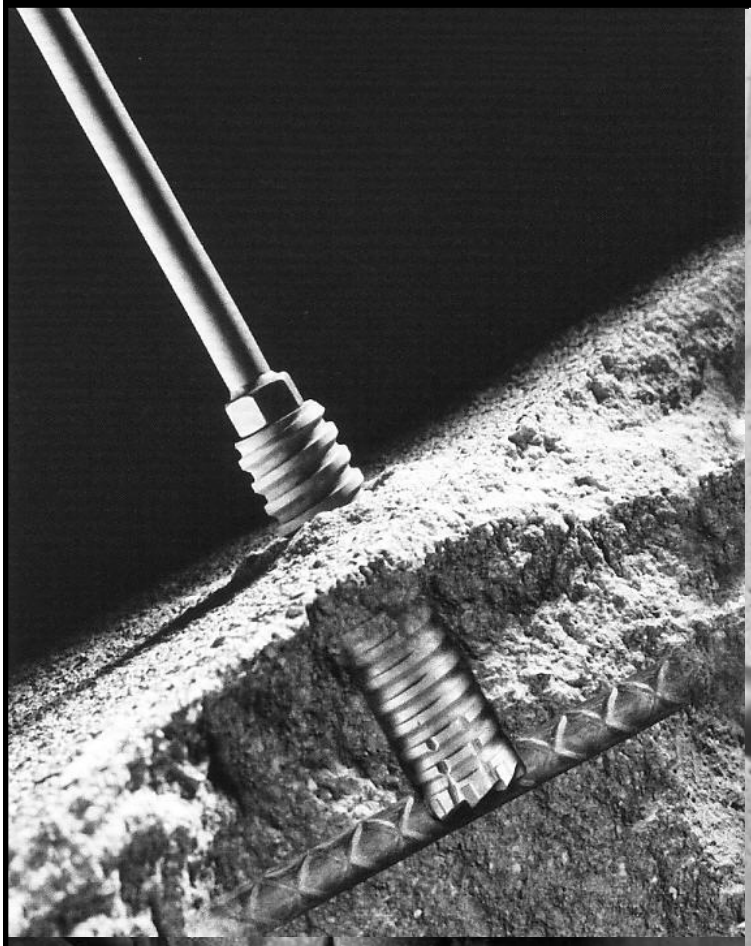
Grinding Wheels Industrial Quality

These aluminum oxide wheels are great for fast removal of steel welds, burs, and large areas of steel.

24 Grit “R” Rated Industrial Quality

Part #	Size	RPM	Box Qty.	Wt.
No Hub				
GW4X1/4X5/8	4”	13,700	**25**	0.24 lb.
GW4X1/8X5/8 Flex Wheel	4”	13,700	**25**	0.11 lb.
GW4 1/2X1/4X7/8	4-1/2”	13,300	**25**	0.32 lb.
GW5X1/4X7/8	5”	12,200	**25**	0.38 lb.
GW7X1/4X7/8	7”	8,500	**25**	0.75 lb.
GW9X1/4X7/8	9”	6,500	**25**	1.35 lbs.
With Threaded Hub				
GW7X1/4X5/8-11	7”	8,500	**25**	0.75 lb.
GW9X1/4X5/8-11	9”	6,500	**25**	1.35 lbs.

SECTION 8
Drill Bits - Concrete & Steel







RELTON CORPORATION

Concrete Rotary Percussion Bits
For Chuck Key Drill Motors



Designed for use as a percussion bit in light weight rotation vibrating hammers, but can be used equally well in standard drill motors as rotary bits.

Addition Diameters, And Lengths Available By Special Order.



Part #	Point Dia.	Shank Dia.	Length	Drill Depth	Wt.
RT-3-4	3/16”	3/16”	4”	2-3/8”	0.10 lb.
RT-4-6	1/4”	1/4”	6”	3-3/4”	0.10 lb.
RT-5-6	5/16”	1/4”	6”	4”	0.10 lb.
RT-6-6	3/8”	3/8”	6”	4”	0.20 lb.
RT-8-6	1/2”	3/8”	6”	4”	0.30 lb.
RT-8-14	1/2”	3/8”	14”	12”	0.60 lb.
RT-10-6	5/8”	1/2”	6”	4”	0.40 lb.
RT-12-6	3/4”	1/2”	6”	4”	0.50 lb.
RT-16-6	1”	1/2”	6”	4”	0.80 lb.

A-Taper Concrete Bits



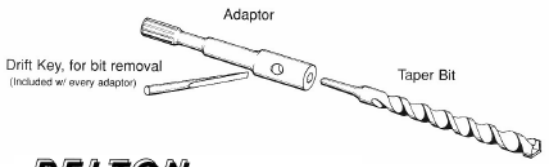
RELTON CORPORATION

Designed for use as a percussion bit in light weight rotation vibrating hammers.

Addition Diameters, And Lengths Available By Special Order.

Part #	Point Dia.	Length	Drill Depth	Wt.
A-4-6	1/4”	6-1/2”	4”	0.10 lb.
A-5-6	5/16”	6-3/4”	4”	0.20 lb.
A-6-8	3/8”	8-3/4”	6”	0.30 lb.
A-8-9	1/2”	9”	6-1/2”	0.30 lb.
A-10-9	5/8”	9”	6-1/2”	0.50 lb.
A-12-9	3/4”	9“	6-1/2”	0.60 lb.

A-Taper Adapters



RELTON CORPORATION

All adapters include a drift pin at no extra charge. Most adapters are in stock.



SDS Max Adaptor Shown

Part #	To Fit	Wt.
202A	All Spline-Drive Hammers	1.20 lbs.
207A	All SDS Hammers	0.50 lb.
726A	Milwaukee & Skil 7/16” x 1-5/8” Hex	0.80 lb.
728A	B & D, Milwaukee, Rockwell, Skil, 9/16” x 2-3/8” Hex	1.10 lbs.
MX-A	All SDS-Max Hammers & Hilti 52,60,72& 92 Hammers	1 lb.

Drill Bits - Concrete & Steel

Concrete SDS+ Shanks Bits

RELTON CORPORATION



SDS+ Shank Hammer Bits

Additional diameters and lengths available by special order.



Part #	Point Dia.	Length	Drill Depth	Wt.
207-4-6	1/4"	6"	4"	0.10 lb.
207-5-6	5/16"	6"	4"	0.20 lb.
207-6-6	3/8"	6"	4"	0.20 lb.
207-6-14	3/8"	14"	12"	0.40 lb.
207-8-6	1/2"	6"	4"	0.30 lb.
207-8-14	1/2"	14"	12"	0.60 lb.
207-10-8	5/8"	8"	6"	0.50 lb.
207-12-8	3/4"	8"	6"	0.60 lb.

Quik-Lok Adapters For SDS Drill Bits

RELTON CORPORATION



SDS+ Quik-Lok Spline Drive End Shown

Quick-Lok Adapters make changing SDS+ hammer bits a breeze. Spend more time getting the job done!



Part #	Description	Wt.
QL-MX	SDS-max to SDS+	1.4 lbs.
QL-202	Spline Drive to SDS+	1.4 lbs.

Rotary-Only Rebar Cutters

RELTON CORPORATION

Non-Removable-Shank Rebar Cutters



Non-removable-shank rebar cutters are sold in diameter and overall lengths. All shank ends are 1/2" in diameter.

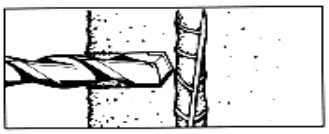
Removable-Shank Rebar Cutters



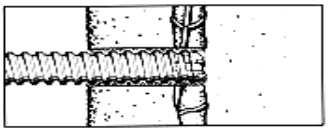
Can be sold as a Complete Set, Cutter Head only, or Shank only. All shanks 1/2" in diameter.

At last, the answer to drilling through concrete-embedded rebar! No more broken or shattered hammer bits; now you can drill through the rebar and not have to relocate the hole to avoid rebar!
SPECIAL ORDER!
1-2 days lead time.

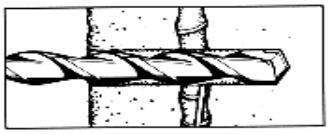
1. When rebar is encountered while drilling with a rotary hammer and a carbide hammer bit, immediately stop the rotary hammer and remove the bit from the hole.



2. Mount a rotary rebar cutter in a standard 1/2" drill motor or 1/2" hammer drill (in the rotary position only); insert the rotary rebar cutter into the hole and drill through the embedded rebar.



3. Remove the rotary rebar cutter after the rebar has been drilled completely through and finish drilling the hole with the rotary hammer and hammer bit.



Chisel & Bull Point

RELTON CORPORATION



Bull Point
Wt. 2.3 lbs.

BP-18S



Chisel
Wt. 2.3 lbs.

CC-18S

Fits All Spline Drive Hammer Drills



RELTON CORPORATION



Core Bodies have a 4-1/2" core depth and are machined from solid steel.



Core Bit With Shank

Relton's unique taper design eliminates the breakage problems inherent with threaded systems.

Concrete-Termite Hammer Core Bits

Our Relton Core Bits can be re-sharpened or the carbide teeth replaced to save you money.

Part #	Core Dia.	Core Length	Core Depth	Wt.
CBT-28HO	1-3/4"	6"	4-1/2"	1.8 lbs.
CBT-32HO	2"	6"	4-1/2"	2.4 lbs.
CBT-40HO	2-1/2"	6"	4-1/2"	3.7 lbs.
CBT-44HO	2-3/4"	6"	4-1/2"	4.3 lbs.
CBT-48HO	3"	6"	4-1/2"	4.9 lbs.
CBT-56HO	3-1/2"	6"	4-1/2"	6.3 lbs
CBT-64HO	4"	6"	4-1/2"	7.8 lbs.
CBT-72HO	4-1/2"	6"	4-1/2"	8.5 lbs.
CBT-80HO	5"	6"	4-1/2"	9.3 lbs.

Shanks For Core Bits



SMXTL-10

10" Drilling Depth
Wt. 1.8 lbs.

SDS-MAX

Other lengths available by special order

Designed to be used with Relton's Hammer Core Bits (above) ranging from 1-3/4" to 5" in diameter. These two shanks alone are able to work with a large variety of heavy duty hammer drills available on the market today. Other specialty shanks can be ordered (while supplies last).



Once Relton's hammer core bit system has been used, the tapered shank cannot be removed by conventional means. For shank removal, the shank can be sent to Relton. Suggestion: Use one shank per core bit and leave together as one unit.



S02TL-10

10" Drilling Depth
Wt. 1.8 lbs.

Spline Drive

Other lengths available by special order

Starter Point

Used With The Hammer Core Bits Above





Starter Point Instructions:
Slide the starter point into the core body (starter point is designed for a loose fit). Drill about a 1/8" deep cut with the starter point in the core body. Remove the starter point from the core body and finish drilling the hole.

Part #	Core Dia.	Wt.
CBSP-28	1-3/4"	0.40 lb.
CBSP-32	2"	0.60 lb.
CBSP-40	2-1/2"	0.60 lb.
CBSP-44	2-3/4"	0.75 lb.
CBSP-48	3"	0.90 lb.
CBSP-56	3-1/2"	0.90 lb.
CBSP-64	4"	0.90 lb.
CBSP-72	4-1/2"	1 lb.
CBSP-80	5"	1.2 lbs.

Drill Bits - Concrete & Steel

Powers High Speed Steel Drill Bits



Part #	Diameter	Wt.
POW111608	1/8”	0.10 lb.
POW111612	3/16”	0.10 lb.
POW111616	1/4”	0.10 lb.
POW111620	5/16”	0.10 lb.
POW111624	3/8”	0.10 lb.
POW111628	7/16”	0.16 lb.
POW111632	1/2”	0.22 lb.
POW111940	5/8”	0.33 lb.



SECTION 9
Plastic Components

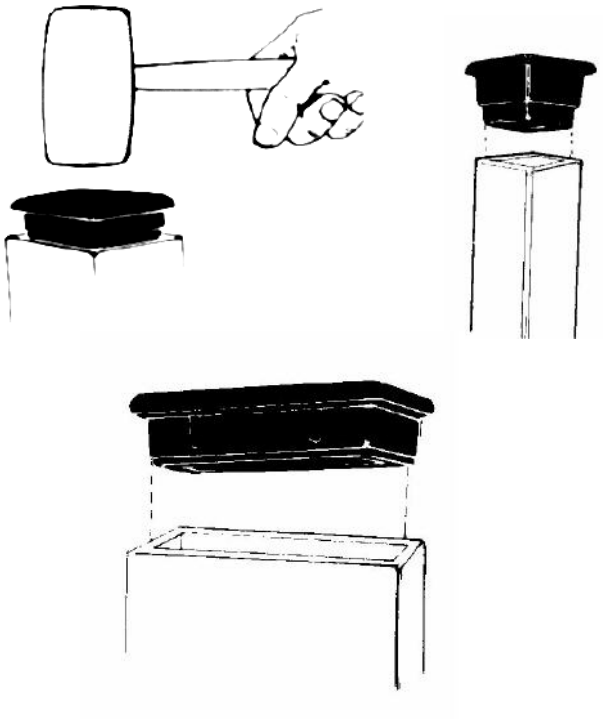






Plastic Components

All plugs are made from high quality A.B.S. black plastic, not from polyethylene which will deteriorate



Part #	Description	Qty.	Wt.
Square Plugs			
PTP1	1/2" x 1/2" x 16 Ga.	100 PCs per bag	0.25 lb.
PTP2	5/8" x 5/8" x 16 Ga.	100 PCs per bag	0.50 lb.
PTP3	3/4" x 3/4" x 16 Ga.	100 PCs per bag	0.75 lb.
PTP4	1" x 1" x 16 Ga.	100 PCs per bag	1.25 lbs.
PTP5	1-1/4" x 1-1/4" x 16 Ga.	100 PCs per bag	1.75 lbs.
PTP6	1-1/2" x 1-1/2" x 16 Ga.	100 PCs per bag	2 lbs.
PTP7	2" x 2" x 16 Ga.	100 PCs per bag	2.25 lbs.
PTP12	2" x 2" x 11 Ga.	100 PCs per bag	2.25 lbs.
PTP13	1-1/2" x 1-1/2" x 11 Ga.	100 PCs per bag	2 lbs.
PTP14	5/8" x 5/8" x 18 Ga.	100 PCs per bag	0.50 lb.
Rectangular Plugs			
PTP8	3/4" x 1-1/2" x 16 Ga.	100 PCs per bag	1 lb.
PTP9	1" x 1-1/2" x 16 Ga.	100 PCs per bag	1.25 lbs.
PTP10	1" x 2" x 16 ga.	100 PCs per bag	2 lbs.

Multi-Gauge Plastic Tubing Plugs

Black plastic plugs with ribbed sides for various wall thickness.





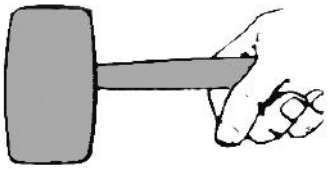
Can Be Used For:

Furniture, hand rails, windows guards, gates, doors, fences, baker racks etc...

Part #	Description	Gauge	Qty.	Wt.
Square Plugs				
PTP1MG	1/2" x 1/2" - Ribbed	14-20 Gauge	100 PCs per bag	0.30 lb.
PTP2MG	5/8" x 5/8" - Ribbed	14-20 Gauge	100 PCs per bag	0.75 lb.
PTP3MG	3/4" x 3/4" - Ribbed	14-20 Gauge	100 PCs per bag	1 lb.
PTP4MG	1" x 1" - Ribbed	14-20 Gauge	100 PCs per bag	1.5 lbs.
PTP5MG	1-1/4" x 1-1/4" - Ribbed	10-16 Gauge	100 PCs per bag	2.25 lbs
PTP6MG	1-1/2" x 1-1/2" - Ribbed	10-16 Gauge	100 PCs per bag	2.5 lbs.
PTP7MG	2" x 2" - Ribbed	10-16 Gauge	100 PCs per bag	3 lbs.
Rectangular Plugs				
PTP10MG	1" x 2" - Ribbed	10-16 Gauge	100 PCs per bag	2.5 lbs.

Wedge Fit Plastic Drive-On Spears Fits Over 1/2”, 5/8” & 3/4”

Our spear points are tapered for a tight fit. No special tools, glue or welding required, just a rubber mallet. Made in the U.S.A.





A rubber mallet is all you need!

Black 4 Sided Spear With Ball



Part #	Size	Color	Box Qty	Wt.
#1101B 1/2	4-1/4” H. X 1-1/8” W. Fits Over 1/2”	Black	500	0.04 lb.
#1101B 5/8	4-1/4” H. X 1-1/8” W. Fits Over 5/8”	Black	500	0.04 lb.
#1101B 3/4	4-1/4” H. X 1-1/8” W. Fits Over 3/4”	Black	500	0.04 lb.

White 4 Sided Spear With Ball



Part #	Size	Color	Box Qty	Wt.
#1101W 1/2	4-1/4” H. X 1-1/8” W. Fits Over 1/2”	White	500	0.04 lb.
#1101W 5/8	4-1/4” H. X 1-1/8” W. Fits Over 5/8”	White	500	0.04 lb.
#1101W 3/4	4-1/4” H. X 1-1/8” W. Fits Over 3/4”	White	500	0.04 lb.

Black 3 Pointed Spear



Part #	Size	Color	Box Qty	Wt.
#1109B 1/2	4-1/4” H. X 2-3/16” W. Fits Over 1/2”	Black	500	0.05 lb.
#1109B 5/8	4-1/4” H. X 2-3/16” W. Fits Over 5/8”	Black	500	0.05 lb.
#1109B 3/4	4-1/4” H. X 2-3/16” W. Fits Over 3/4”	Black	500	0.05 lb.

White 3 Pointed Spear



Part #	Size	Color	Box Qty	Wt.
#1109W 1/2	4-1/4” H. X 2-3/16” W. Fits Over 1/2”	White	500	0.05 lb.
#1109W 3/4	4-1/4” H. X 2-3/16” W. Fits Over 3/4”	White	500	0.05 lb.

Black Flur de Lei Spear with Ball

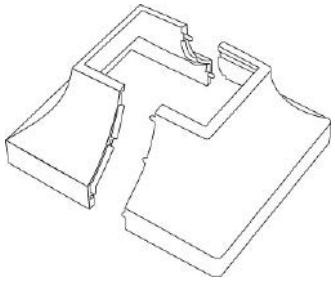


Part #	Size	Color	Box Qty	Wt.
#1110B 1/2	5-1/2” H. X 3-1/4” W. Fits Over 1/2”	Black	300	0.10 lb.
#1110B 5/8	5-1/2” H. X 3-1/4” W. Fits Over 5/8”	Black	300	0.10 lb.
#1110B 3/4	5-1/2” H. X 3-1/4” W. Fits Over 3/4”	Black	300	0.10 lb.



Plastic Components

Split Square Plastic Cover Shoe



Traditional cover shoes don't allow enough room to install lag bolts with an impact wrench, due to the 4" maximum space code.
But the split cover style shoe allows you to install them last. These split cover shoes fit snugly together, but a small amount of ABS glue is recommended for permanent installation. Base plates can now be welded to posts in the shop and installed directly to the balcony or stairs. No field welding of base plates mean less heat damage to flooring and surrounding areas. The Split Cover Shoe is molded in durable black ABS plastic with a satin finish or it may be painted custom colors to match the railing.



Post Size	Part #	Fits Over	Sq. Hole Size	Height	Wide	Wt.
1" Sq.	SPLITSQ1.003X3	3" x 3" Sq. Plate	1" Sq.	2"	3-1/2"	0.12 lb.
1-1/4" Sq.	SPLITSQ1.253X3	3" x 3" Sq. Plate	1-1/4" Sq.	2"	3-1/2"	0.12 lb.
1-1/2" Sq.	SPLITSQ1.503X3	3" x 3" Sq. Plate	1-1/2" Sq.	2"	3-1/2"	0.12 lb.
1-1/2" Sq.	SPLITSQ1.504X4	4" x 4" Sq. Plate	1-1/2" Sq.	2"	4-5/8"	0.12 lb.
2" Sq.	SPLITSQ2.004X4	4" x 4" Sq. Plate	2" Sq.	2"	4-5/8"	0.12 lb.

Split Round Plastic Cover Shoe

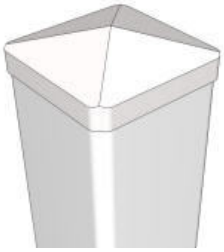


Traditional cover shoes don't allow enough room to install lag bolts with an impact wrench, due to the 4" maximum space code.
But the split cover style shoe allows you to install them last. These split cover shoes fit snugly together, but a small amount of ABS glue is recommended for permanent installation. Base plates can now be welded to posts in the shop and installed directly to the balcony or stairs. No field welding of base plates mean less heat damage to flooring and surrounding areas. The Split Cover Shoe is molded in durable black ABS plastic with a satin finish or it may be painted custom colors to match the railing.



Post Size	Part #	Fits Over	Rd. Hole Size	Height	Wt.
1-1/4" Rd. Pipe 1-5/8" O.D.	SPLITRD1.25PIPE	3" x 3" Rd. Dia. Plate	1-5/8" O.D.	1-1/2"	0.07 lb.
1-1/2" Rd. Pipe 1-7/8" O.D.	SPLITRD1.50PIPE	3" x 3" Rd. Dia. Plate	1-7/8" O.D.	1-1/2"	0.07 lb.
1-1/2" Rd. Tubing 1-1/2" O.D.	SPLITRD1.50TUBE	3" x 3" Rd. Dia. Plate	1-1/2" O.D.	1-1/2"	0.07 lb.

Drive-On Plastic Post Caps





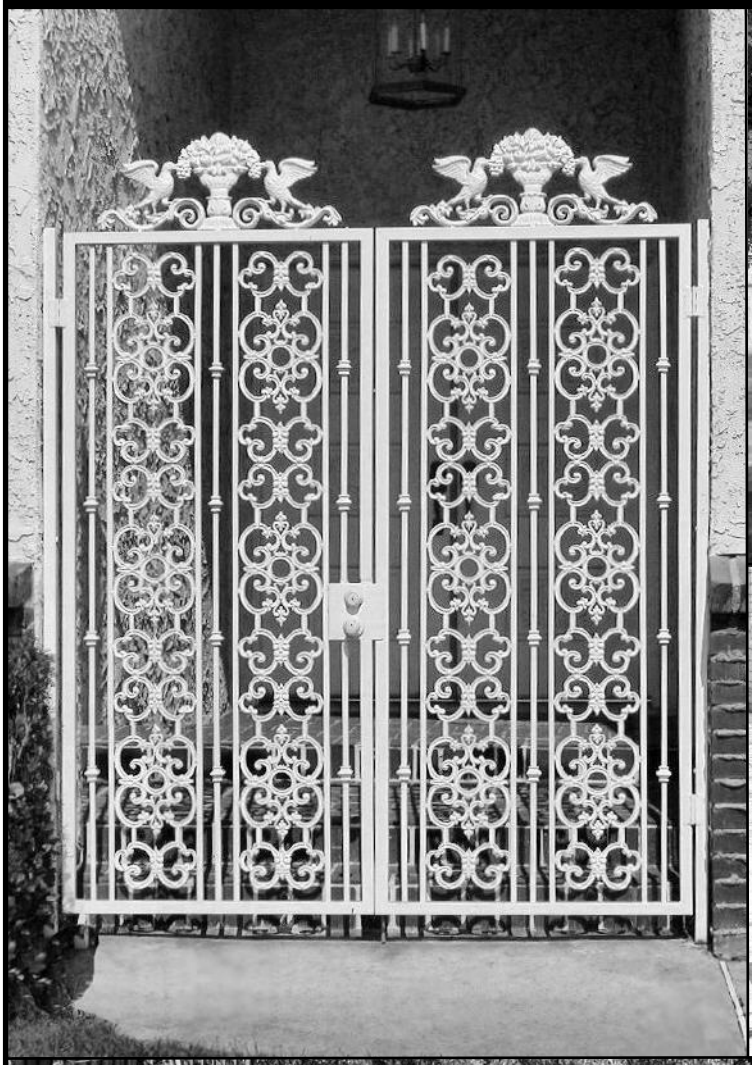
No Welding Needed !

No more Rust Stains !

Drive-On Wedge Fit !

Post Size	Part #	Fits Over	Color	Wt.
1-1/2" Sq.	PC1-1/2PLASTIC	1-1/2" x 1-1/2" Sq. Post	Black	0.03 lb.
3" Sq.	PC3PLASTIC	3" x 3" Sq. Post	Black	0.15 lb.

SECTION 10
Aluminum Castings

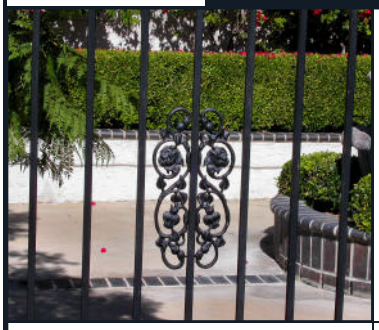








10-1 Aluminum Castings



Picket Design Castings

All Castings Have Weld Tabs* All sizes are approximate.**



#103 1/2
14-1/2" Height
7-1/2" Width
Fits Gap: **1/2"**



#107 1/2
#107 5/8
#107 3/4
16-1/2" Height
7-1/2" Width
Fits Gaps:
1/2", 5/8", or 3/4"



#123 1/2
#123 5/8
#123 3/4
15-3/4" Height
7-1/4" Width
Fits Gaps:
1/2", 5/8", or 3/4"



#144 1/2
14-1/2" Height
7-1/2" Width
Fits Gap: **1/2"**



#149 1/2
#149 5/8
#149 3/4
15-7/8" Height
7-3/4" Width
Fits Gaps:
1/2", 5/8", or 3/4"



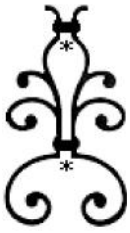
#172 1/2
14" Height
7-1/2" Width
Fits Gap: **1/2"**



#186 1/2
14-1/4" Height
6-5/8" Width
Fits Gap: **1/2"**



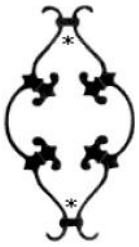
#187 1/2
8-3/4" Height
4-3/4" Width
Fits Gap: **1/2"**



#188 1/2
#188 5/8
#188 3/4
14-1/2" Height
7-1/2" Width
Fits Gaps:
1/2", 5/8, or 3/4"



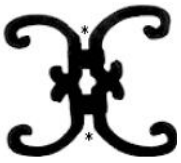
#189 1/2
15" Height
7-1/4" Width
Fits Gap: **1/2"**



#192 1/2
#192 5/8
#192 3/4
13-1/2" Height
7-5/8" Width
Fits Gaps:
1/2", 5/8", or 3/4"



#195 1/2
#195 5/8
#195 3/4
3-1/2" Height
3-3/4" Width
Fits Gaps:
1/2", 5/8", or 3/4"



#196 1/2
6-1/4" Height
7-3/4" Width
Fits Gap: **1/2"**



#210 1/2
14-1/2" Height
7-1/4" Width
Fits Gap: **1/2"**



#211 1/2
#211 5/8
#211 3/4
16-1/2" Height
7-1/4" Width
Fits Gaps:
1/2", 5/8", or 3/4"



#211B 1/2
12-1/2" Height
6-3/4" Width
Fits Gap: **1/2"**



#226 1/2
11-3/4" Height
6-1/2" Width
Fits Gap: **1/2"**



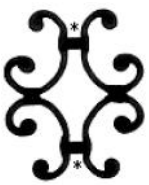
#233 1/2
11-1/2" Height
8" Width
Fits Gap: **1/2"**



#242 1/2
9-1/4" Height
7-1/4" Width
Fits Gap: **1/2"**



#243 1/2
14-1/2" Height
7-1/2" Width
Fits Gap: **1/2"**



#244 1/2
#244 5/8
#244 3/4
7-1/4" Height
6" Width
Fits Gaps:
1/2", 5/8, or 3/4"



#245 1/2
#245 5/8
#245 3/4
17" Height
7" Width
Fits Gaps:
1/2", 5/8, or 3/4"

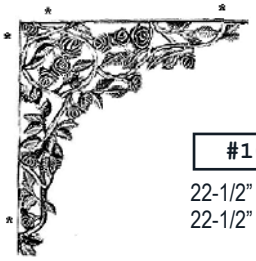


#252 1/2
#252 5/8
#252 3/4
20-1/2" Height
8-1/2" Width
Fits Gaps:
1/2", 5/8, or 3/4"

Aluminum Castings

Rose Design Castings

All Castings Have Weld Tabs* All sizes are approximate.**



#101
22-1/2" Height
22-1/2" Width



#102
13-1/2" Height
8-1/4" Width



#103 1/2
13-1/2" Height
7-5/8" Width
Fits Gap: **1/2"**



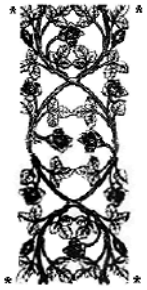
#105
27-1/2" Height
8-1/4" Width



#106
20-1/2" Height
6-1/2" Width



#107 1/2
#107 5/8
#107 3/4
16-1/2" Height
7-1/2" Width
Fits Gaps:
1/2",5/8" or 3/4"



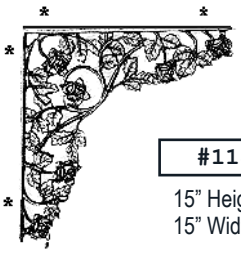
#109
25-3/4" Height
9-7/8" Width



#110
8-3/4" Height
16-3/4" Width



#113
21-3/4" Height
7-1/2" Width



#114
15" Height
15" Width



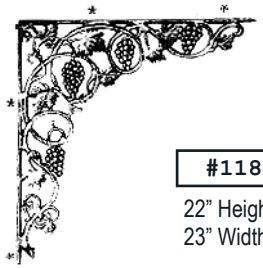
#115
17-1/4" Height
17-1/4" Width



#156
4-1/2" Height
20-1/2" Width

Grape Design Castings

All Castings Have Weld Tabs* All sizes are approximate.**



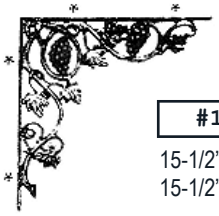
#118
22" Height
23" Width



#119
26-1/2" Height
8" Width



#120
27" Height
7-1/2" Width



#121
15-1/2" Height
15-1/2" Width



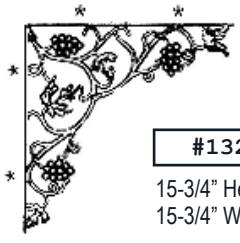
#122
12-3/4" Height
30" Width
Single Face



#123 1/2
#123 5/8
#123 3/4
15-3/4" Height
7-1/4" Width
Fits Gaps:
1/2",5/8" or 3/4"



#130
19" Height
7-1/4" Width



#132
15-3/4" Height
15-3/4" Width



#247
8-1/4" Height
29-1/4" Width





#248
5-3/4" Height
27-1/4" Width

Aluminum Castings

Oak Design Castings

All Castings Have Weld Tabs* All sizes are approximate.**



#124
26" Height
8" Width



#148
27" Height
11-1/2" Width



#149 1/2
#149 5/8
#149 3/4
15-7/8" Height
7-3/4" Width
Fits Gaps:
1/2",5/8" or 3/4"



#150
10-1/2" Height
7-1/4" Width



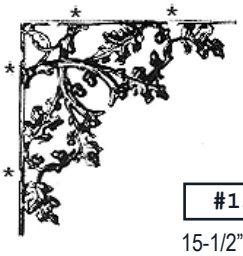
#151
18-3/4" Height
7-1/2" Width



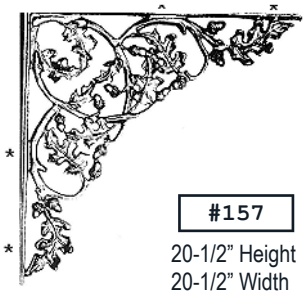
#152
26-1/4" Height
11-3/4" Width



#153
7" Height
25" Width



#154
15-1/2" Height
15-1/2" Width



#157
20-1/2" Height
20-1/2" Width



#158
4-1/2" Height
20-1/2" Width



#159
6-3/4" Height
24-1/2" Width
Single Face



Pontalba Design Castings

All Castings Have Weld Tabs* All sizes are approximate.**



#135
18-1/2" Height
6-1/2" Width



#137
5-1/2" Height
21-1/2" Width



#138
25-1/2" Height
7-1/4" Width



#139
25-1/8" Height
10-1/4" Width



#140
26" Height
10-1/2" Width
Single Face



#141
26-1/2" Height
7-1/4" Width



#146
23-1/2" Height
11-1/4" Width



#202
4-1/2" Height
15-1/2" Width

Aluminum Castings

Cathedral & Ivy Design Castings

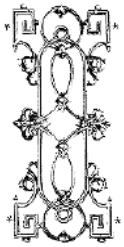
All Castings Have Weld Tabs* All sizes are approximate.**



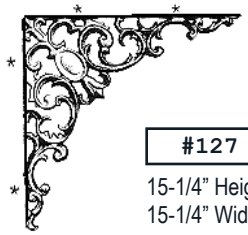
#117
29-1/4" Height
7-3/4" Width



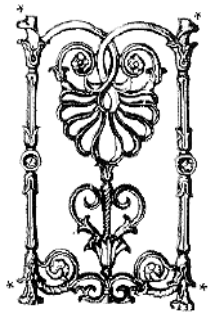
#125
16-1/2" Height
16-1/2" Width



#126
26-1/2" Height
11" Width
Single Face



#127
15-1/4" Height
15-1/4" Width



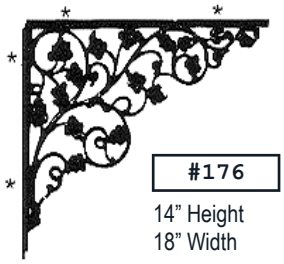
#129
27-1/2" Height
19-1/2" Width
Single Face



#133
28" Height
7-1/2" Width



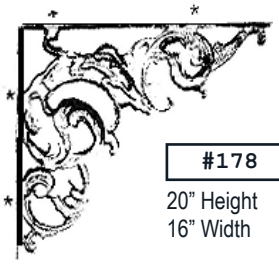
#134
25-1/2" Height
8-1/2" Width



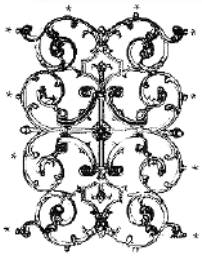
#176
14" Height
18" Width

Bird of Paradise Design Castings

All Castings Have Weld Tabs* All sizes are approximate.**



#178
20" Height
16" Width



#179
31-1/4" Height
21-1/4" Width
Single Face



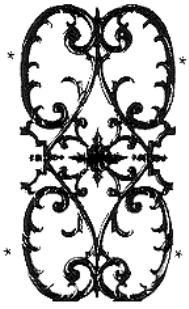
#181
22-1/2" Height
8-3/4" Width



#182
28" Height
7-7/8" Width



#183
26-1/4" Height
8-3/4" Width



#184
27" Height
14-3/4" Width

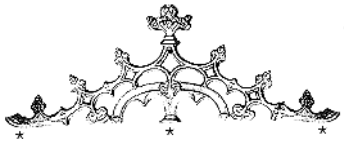


#185
28-3/4" Height
28-3/4" Width
Single Face



#190
10-1/4" Height
21-1/4" Width
Single Face





#191
11-1/2" Height
29-5/8" Width



#236
23-3/4" Height
9-1/4" Width



#243 1/2
14-1/2" Height
7-1/2" Width
Fits Gap: **1/2"**

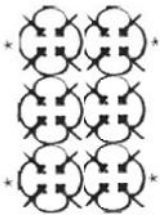
Aluminum Castings

Beautiful & Unique Design Castings

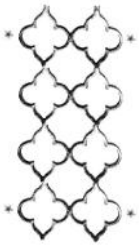
All Castings Have Weld Tabs* All sizes are approximate.**



#171
27-3/4" Height
8" Width
Single Face



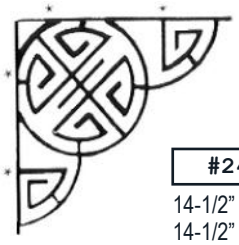
#194
15-3/4" Height
10-1/4" Width
Single Face



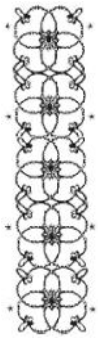
#203
20-1/4" Height
9" Width



#238
18" Height
9-1/2" Width



#240
14-1/2" Height
14-1/2" Width



#241
29-1/4" Height
7" Width



#258
4-1/4" Height
21-1/4" Width



Modern & Classic Design Castings

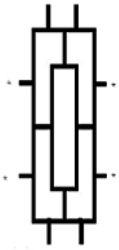
All Castings Have Weld Tabs* All sizes are approximate.**



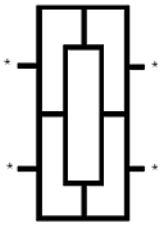
#147
28" Height
11-3/4" Width



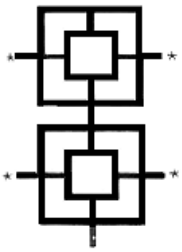
#161
23-1/8" Height
10-1/8" Width



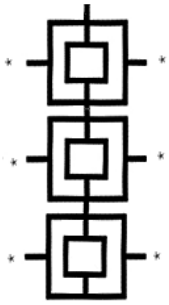
#162
27-1/4" Height
10" Width



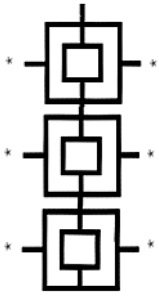
#163
16-3/4" Height
10-1/8" Width



#164
15-1/2" Height
9" Width



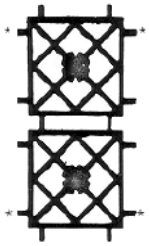
#165
23-3/4" Height
9-1/2" Width
1/2" Thick



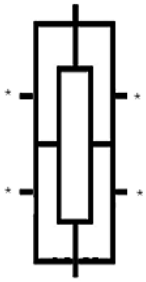
#166
22-1/4" Height
9" Width
3/8" Thick



#167
14" Height
5-3/4" Width



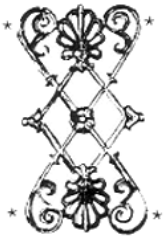
#168
17-1/2" Height
9-1/2" Width



#169
20" Height
8-1/2" Width



#170
25-1/4" Height
9-3/4" Width



#206
18" Height
9-1/2" Width

SECTION 11

Post Top, Caps & Spheres - Metal & Cast Iron









Pressed Steel Post Caps- Fits Over Square Tubing





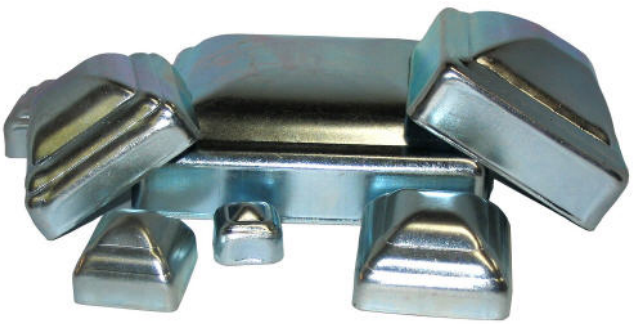


Part #	Description / Cap Size	Box Qty.	Wt.
SPC 5/8	5/8" x 5/8" Sq.	500	0.03 lb.
SPC 3/4	3/4" x 3/4" Sq.	500	0.03 lb.
SPC1	1" x 1" Sq.	500	0.03 lb.
SPC1 1/4	1-1/4" x 1-1/4" Sq.	500	0.04 lb.
SPC1 1/2	1-1/2" x 1-1/2" Sq.	400	0.06 lb.
SPC2	2" x 2" Sq.	400	0.10 lb.
SPC2 1/2	2-1/2" x 2-1/2" Sq.	200	0.17 lb.
SPC3	3" x 3" Sq.	200	0.21 lb.
SPC4	4" x 4" Sq.	100	0.33 lb.
SPC5	5" x 5" Sq.	100	0.45 lb.
SPC6	6" x 6" Sq.	50	0.60 lb.

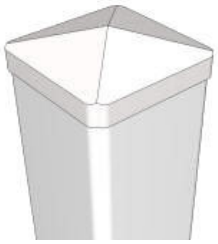
ZINC PLATED Pressed Steel Post Caps- Fits Over Square Tubing



Zinc Plated Pressed Steel Caps Help Prevent Rust



Part #	Description / Cap Size	Box Qty.	Wt.
SPC 5/8PL	5/8" x 5/8" Sq.	500	0.03 lb.
SPC 3/4PL	3/4" x 3/4" Sq.	500	0.03 lb.
SPC1PL	1" x 1" Sq.	500	0.03 lb.
SPC1 1/4PL	1-1/4" x 1-1/4" Sq.	500	0.04 lb.
SPC1 1/2PL	1-1/2" x 1-1/2" Sq.	400	0.06 lb.
SPC2PL	2" x 2" Sq.	400	0.10 lb.
SPC2 1/2PL	2-1/2" x 2-1/2" Sq.	200	0.17 lb.
SPC3PL	3" x 3" Sq.	200	0.21 lb.
SPC4PL	4" x 4" Sq.	100	0.33 lb.
SPC5PL	5" x 5" Sq.	100	0.45 lb.
SPC6PL	6" x 6" Sq.	50	0.60 lb.



Cast Iron Post Caps - Fits Over Square Tubing

Designed to fit over the outside edges of square material.





Part #	Description / Cap Size	Box Qty.	Wt.
PC1	1" x 1" Sq.	100	0.13 lb.
PC1 1/4	1-1/4" x 1-1/4" Sq.	100	0.18 lb.
PC1 1/2	1-1/2" x 1-1/2" Sq.	100	0.28 lb.
PC2	2" x 2" Sq.	100	0.48 lb.
PC2 1/2	2-1/2" x 2-1/2" Sq	50	0.55 lb.
PC3	3" x 3" Sq.	50	0.80 lb.
PC4	4" x 4" Sq.	50	1.25 lbs.
PC6	6" x 6" Sq.	10	3.25 lbs.

Cast Iron Post Caps With Ball For Square Posts





Part #	Fits Over	Height	Ball Dia.	Wt
PCB1 1/4	1-1/4" x 1-1/4" Sq.	2-1/2"	1-1/8"	0.50 lb.
PCB1 1/2	1-1/2" x 1-1/2" Sq.	2-3/4"	1-3/8"	0.80 lb.
PCB2	2" x 2" Sq.	3-3/4"	1-3/4"	1.15 lbs.
PCB2 1/2	2-1/2" x 2-1/2" Sq	4-3/8"	2"	2.4 lbs.
PCB3	3" x 3" Sq.	5"	2-1/4"	2.24 lbs.
PCB4	4" x 4" Sq.	5-1/2"	2-3/4"	4.86 lbs.
PCB5	5" x 5" Sq.	6-3/4"	3-1/2"	6.5 lbs.
PCB6	6" x 6" Sq.	7-1/2"	4"	8 lbs.
ZINC PLATED				
PCB2PL	2" x 2" Sq.	3-3/4"	1-3/4"	1.15 lbs.
PCB2 1/2PL	2-1/2" x 2-1/2"	4-3/8"	2"	2.4 lbs.
PCB3PL	3" x 3"	5"	2-1/4"	2.25 lbs.

Post Top, Caps & Spheres - Metal & Cast Iron

#7X Cast Iron Drive-In Cap With Flat Base

Drive-In Ball 1" Diameter
Fits 1" Tubing 16 ga.



Height: 1-9/16"
Width: 1-1/8"
Wt. 0.30 lb.

#7X

Cast Iron Post Cap With 1-1/2" Flat Base



Height: 2-1/2"
Width: 1-1/2"
1-3/8" Ball Dia.
1-1/2" Flat Base
Wt. 0.76 lb.

#224 1 1/2

Cast Iron Post Cap With 1" Flat Base



Height: 2-1/16"
Width: 1-1/16"
1" Ball Dia.
1-1/16" Flat Base
Wt. 0.32 lb.

#224 1

#219 Cast Iron Finial Urn



Height: 3"
Width: 1-1/4"
1" Flat Base
Wt. 0.46 lb.

#219

#557 Pineapple Steel Finial



Height: 3"
Width: 1-1/2"
1-3/16" Round Base
Wt. 0.75 lb.

#557

Cast Iron Pineapple Spear Tops 1/2",3/4",1"



#812 1/2
2" H. x 1" W.
Fits Over **1/2" Sq.** Wt. 0.25 lb.

#834 3/4
2-1/4" H. x 1-1/4" W.
Fits Over **3/4" Sq.** Wt. 0.40 lb.

#810 1
3" H. x 1-1/2" W.
Fits Over **1" Sq.** Wt. 0.70 lb.

#657 Pineapple Cast Iron



Height: 4"
Width: 2-1/8"
1-3/4" Round Base
Wt. 1.75 lbs.

#657

#757 Pineapple Cast Iron



Height: 5-1/8"
Width: 2-1/2"
1-3/4" Round Base
Wt. 3 lbs.

#757

Decorative Post Tops
(Hot Stamped Steel)



128/29
2" Dia. x 4-1/8" H.
Wt. 1.3 lbs

128/32
3-15/16" Dia. x 7-7/8" H.
Wt. 12.8 lbs

Decorative Post Tops
(Hot Stamped Steel)



128/30
2" Dia. x 3-15/16" H.
Wt. 1.9 lbs

128/33
13/32" Dia. x 3-5/32" H.
Wt. 0.9 lb.

128/34
3-15/16" Dia. x 7-7/8" H.
Wt. 12.8 lbs

Decorative Post Tops
(Hot Stamped Steel)



128/31
3-15/16" Dia. x 7-3/32" H.
Wt. 12.8 lbs

128/35
2" Dia. x 3-17/32" H.
Wt. 1.7 lbs

Decorative Post Tops
(Solid Forged Ball Top)



2-3/4" Dia. x 1" Base
Wt. 4.9 lbs

113/10



Decorative Post Tops
(Solid Forged Ball Top)



2-15/16" Dia.
7/8" Base
Wt. 4.6 lbs.



113/9

Decorative Post Tops
(Hot Stamped Steel)



1404/1
4-5/16" Dia.
5-1/2" H. x 3-17/32" W.
Wt. 14.5 lbs.

1404/2
3-17/32" Dia.
4-29/32" H. x 2-3/4" W.
Wt. 8.4 lbs.

1404/3
2-3/4" Dia.
3-15/16" H. x 2-5/32" W.
Wt. 4 lbs.

1404/4
2-5/32" Dia.
3-11/32" H. x 1-3/4" W.
Wt. 1.8 lbs.

Decorative Post Tops
(Solid Forged Ball)



113/12
3-1/8" Dia.
Wt 5 lbs.



113/11
3-15/16" Dia.
Wt 8.8 lbs.

Hollow Steel Balls - Domestic / Imported



11 Gauge Domestic Hollow Spheres

12 Gauge Imported Hollow Spheres

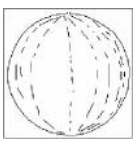
Part #	Description / Size	Gauge	Wt.
Domestic Hollow Balls - 11 ga.			
BALL2	2" Diameter	11	0.40 lb.
BALL2 1/2	2-1/2" Diameter	11	0.60 lb.
BALL3	3" Diameter	11	0.90 lb.
BALL4	4" Diameter	11	1.75 lbs.
BALL5	5" Diameter	11	2.8 lbs.
BALL6	6" Diameter	11	3.75 lbs.
BALL8	8" Diameter	11	6.5 lbs.
BALL10	10" Diameter	11	10 lbs.
BALL12	12" Diameter	11	14 lbs.
Import Economy Hollow Balls - 12 ga.			
JSBALL1 1/2	1-1/2" Diameter	12	0.10 lb.
JSBALL2	2" Diameter	12	0.25 lb.
JSBALL2 1/2	2-1/2" Diameter	12	0.40 lb.
JSBALL3	3" Diameter	12	0.60 lb.
JSBALL4	4" Diameter	12	1 lb.
JSBALL5	5" Diameter	12	1.75 lbs.
JSBALL6	6" Diameter	12	2 lbs.



Solid Steel Round Balls
(Hot Stamped Steel)

Part #	Description / Size	Weight
116/F/1	3/4" Diameter	0.08 lb.
116/F/2	1" Diameter	0.16 lb.
116/F/3	1-3/16" Diameter	0.26 lb.
123/1	1-3/8" Diameter	0.30 lb.
116/F/4	1-9/16" Diameter	0.60 lb.
116/F/5	2" Diameter	1.25 lbs.
116/F/6	2-3/8" Diameter	1.9 lbs.
116/F/8	3-1/8" Diameter	3.3 lbs.
116/F/10	3-15/16" Diameter	8.8 lbs.



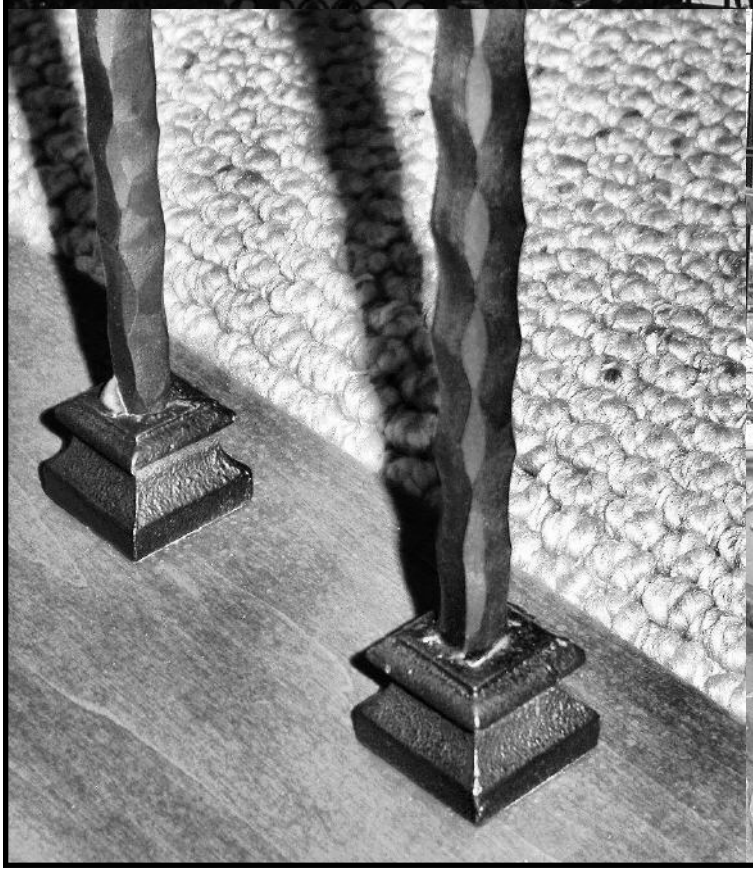


Solid Steel Round Balls
(Forged - Rougher Texture Steel)

Part #	Description / Size	Weight
117/1	5/8" Diameter	0.04 lb.
117/2	3/4" Diameter	0.08 lb.
117/3	1" Diameter	0.15 lb.
117/4	1-3/16" Diameter	0.25 lb.
117/5	1-3/8" Diameter	0.33 lb.
117/6	1-9/16" Diameter	0.50 lb.
117/7	2" Diameter	1.1 lbs.
117/8	2-3/8" Diameter	2 lbs.
117/9	2-3/4" Diameter	3.1 lbs.

SECTION 12
Cast Iron, Steel, & Aluminum Components







#217 Cast Iron Spear Point



4-1/8" Overall Height
Fits Over 1/2", 5/8", 3/4" Sq.

#217 1/2	Cast Iron Wt. 0.30 lb.	
#217 1/2PL	Zinc Plated Wt. 0.30 lb.	
#217 5/8	Cast Iron Wt. 0.30 lb.	
#217 5/8PL	Zinc Plated Wt. 0.30 lb.	
#217 3/4	Cast Iron Wt. 0.31 lb.	
#217 3/4PL	Zinc Plated Wt. 0.31 lb.	

217B 1/2" - 7/8" Base Width
217B 5/8" - 15/16" Base Width
217B 3/4" - 1-1/8" Base Width

#217B Cast Iron Spear Point



4-1/8" Overall Height
Fits Over 1/2", 5/8", 3/4" Sq.

#217B 1/2	Cast Iron Wt. 0.30 lb.	
#217B 1/2PL	Zinc Plated Wt. 0.30 lb.	
#217B 5/8	Cast Iron Wt. 0.30 lb.	
#217B 5/8PL	Zinc Plated Wt. 0.30 lb.	
#217B 3/4	Cast Iron Wt. 0.30 lb.	
#217B 3/4PL	Zinc Plated Wt. 0.30 lb.	

217B 1/2" - 7/8" Base Width
217B 5/8" - 15/16" Base Width
217B 3/4" - 1-1/8" Base Width

#215 Cast Iron Spear Point



4-1/4" Height x 2" Width
Fits Over 1/2", 5/8", 3/4" Sq.

#215 1/2	Cast Iron Wt. 0.37 lb.	
#215 1/2PL	Zinc Plated Wt. 0.37 lb.	
#215 5/8	Cast Iron Wt. 0.31 lb.	
#215 5/8PL	Zinc Plated Wt. 0.37 lb.	
#215 3/4	Cast Iron Wt. 0.34 lb.	
#215 3/4PL	Zinc Plated Wt. 0.37 lb.	

#218 Cast Iron Spear Point



4-1/4" Height x 2-3/8" Width
Fits Over 1/2", 5/8", 3/4" Sq.

#218 1/2	Cast Iron Wt. 0.50 lb.	
#218 1/2PL	Zinc Plated Wt. 0.50 lb.	
#218 5/8	Cast Iron Wt.0.50lb.	
#218 5/8PL	Zinc Plated Wt. 0.50 lb.	
#218 3/4	Cast Iron Wt. 0.50 lb.	
#218 3/4PL	Zinc Plated Wt. 0.50 lb.	

#227 Cast Iron Spear Point



4-3/4" Height x 3" Width
Fits Over 1/2", 5/8", 3/4" Sq.

#227 1/2	Cast Iron Wt. 0.50 lb.	
#227 1/2PL	Zinc Plated Wt. 0.50 lb.	
#227 5/8	Cast Iron Wt. 0.50 lb.	
#227 5/8PL	Zinc Plated Wt. 0.50 lb.	
#227 3/4	Cast Iron Wt. 0.50 lb.	
#227 3/4PL	Zinc Plated Wt. 0.50 lb.	

#260 Cast Iron Spear Point



5-3/8" Height x 3-3/16" Width
Fits Over 1/2", 5/8", 3/4" Sq.

#260 1/2	Wt. 0.54 lb.
#260 5/8	Wt. 0.45 lb.
#260 3/4	Wt. 0.56 lb.

MORE SPEAR POINTS AVAILABLE ON PAGES 14-7 THRU 14-13

#270 Cast Iron Spear Point



6" Height x 2-9/16" Width
Fits Over 1/2", 5/8", 3/4" Sq.

#270 1/2	Wt. 0.65 lb.
#270 5/8	Wt. 0.63 lb.
#270 3/4	Wt. 0.66 lb.

#255 Cast Iron Spear Point



6-1/2" Height x 3-3/8" Width
Fits Over 1/2" & 3/4" Sq.

#255 1/2	Wt. 1 lb.
#255 3/4	Wt. 1 lb.

#275 Cast Iron Spear Point



5-1/4" Height x 3-1/4" Width
Fits Over 1/2" & 3/4" Sq.

#275 1/2	Wt. 0.40 lb.
#275 3/4	Wt. 0.75 lb.

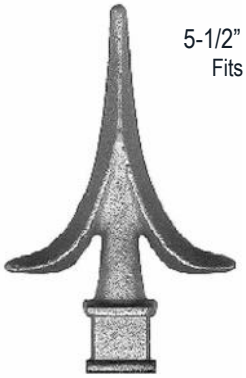
#265 Cast Iron Spear Point



4" Height x 2-5/8" Width
Fits Over 1/2" & 3/4" Sq.

#265 1/2	Wt. 0.25 lb.
#265 3/4	Wt. 0.56 lb.

#280 Cast Iron Spear Point



5-1/2" Height x 3-5/8" Width
Fits Over 1/2" & 3/4" Sq.

#280 1/2	Wt. 0.75 lb.
#280 3/4	Wt. 0.75 lb.

#306 Cast Iron Spear Point



Fits Over 1/2" & 3/4" Sq.

#306 1/2	4-3/4" H. x 2-7/8" W. Wt. 0.75 lb.
#306 3/4	6" H. x 3-5/8" W. Wt. 1.5 lbs.

#288 Steel Spear Point



5-1/8" Height
2-15/16" Width
3/4" Flat Square Base
Wt. 0.75 lb.

#288

Flat Base No Hole

#289 Cast Steel Spear Point



5-1/2" Height
4-1/2" Width
1/2" Round Base
Wt. 1 lb.

#289

Round Base No Hole

#266 Steel Spear Point



4-3/4" Height
1-3/4" Width
7/8" Flat Round Base
Wt. 0.75 lb.

#266

Flat Round Base No Hole

#671 3/4 Cast Iron Spear



5-1/4" Height
1-7/8" Width
Fits Over 3/4" Sq.
Wt. 1.3 lbs.

#671 3/4

#9Y Cast Iron Spear



6" Height
2" Width
Fits Over 3/4" Sq.
1.2 lbs.

#9Y

#295 3/4 Cast Iron Spear



6-5/8" Height
3-5/8" Width
Fits Over 3/4" Sq.
2" Round Base
Wt. 1.75 lbs.

#295 3/4

MORE SPEAR POINTS AVAILABLE ON PAGES 14-7 THRU 14-13

#317 Cast Iron Spear Fits Over 1/2" & 3/4" Sq.



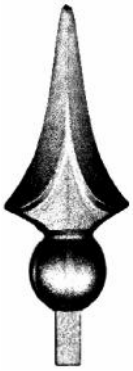
Mtl. 1/2" Sq.
7-5/8" H. x 4-1/4" W.
Wt. 2 lbs.

#317 1/2

Mtl. 3/4" Sq.
7-5/8" H. x 4-1/4" W.
Wt. 2 lbs.

#317 3/4

#290 Cast Iron Spear For 3/4" Square Bar



Mtl. 3/4" Sq. Solid Base
8-1/2" H. x 3" W.
Wt. 2.5 lbs.

#290 3/4

Solid Square Peg

#318 Cast Iron Spear For 1" Square Bar



Fits Over 1" Sq.
9" H. x 5" W.
Wt. 2.75 lbs.

#318 1

#217-1 Cast Iron Spear Fits Over 1" Square Bar



Fits Over 1" Sq.
8-1/4" H.
2-1/8" W.
Wt. 1.7 lbs.

#217 1

#9Z Cast Iron Spear Fits Over 1" Square Bar



Fits Over 1" Sq.
8" H.
2-3/16" W.
Wt. 1.65 lbs.

#9Z

#671-1 Cast Iron Spear Fits Over 1" Square Bar



Fits Over 1" Sq.
8-1/4" H.
2-1/4" W.
Wt. 2 lbs.

#671 1

#251 Full Cast Iron Collar
For 1/2" - 2" Square Bar





Part #	Height	Width	Wt.
#251 1/2	1-7/8"	1-5/8"	0.35 lb.
#251 5/8	1-7/8"	1-7/8"	0.41 lb.
#251 3/4	1-7/8"	2-1/8"	0.75 lb.
#251 1	2"	2-1/2"	0.85 lb.
#251 1-1/4	2-1/2"	2-1/2"	1.50 lbs.
#251 1-1/2	2-3/4"	2-3/4"	2 lbs.
#251 2	3-5/8"	3-5/8"	3 lbs.

#251 Zinc Plated Full Cast Iron Collar
For 1/2", 5/8" & 3/4" Square Bar



Part #	Height	Width	Wt.
#251 1/2PL	1-7/8"	1-5/8"	0.35 lb.
#251 5/8PL	1-7/8"	1-7/8"	0.41 lb.
#251 3/4PL	1-7/8"	2-1/8"	0.75 lb.

#451 Vertical Half Cast Iron Collar
For 1/2", 5/8", 3/4" & 1" Square Bar



"Great For Screen Doors"



Part #	Height	Width	Wt.
#451 1/2	1-7/8"	1"	0.25 lb.
#451 5/8	1-7/8"	1-1/8"	0.35 lb.
#451 3/4	2"	1-1/2"	0.50 lb.
#451 1	2"	1-3/4"	0.60 lb.

#351 Horizontal Half Cast Iron Collar
For 1/2", 5/8", 3/4" & 1" Square Bar




Flat Base With Square Hole

Part #	Ht.	Base	Wt.
#351 1/2	1-1/16"	1-5/8" Sq.	0.25 lb.
#351 5/8	1-1/16"	1-7/8" Sq.	0.40 lb.
#351 3/4	1-1/16"	2-1/4" Sq.	0.60 lb.
#351 1	1-1/8"	2-1/2" Sq.	0.75 lb.

Cast Iron Baluster Shoes With Hollow Interior
For 1/2", 5/8" & 3/4" Square Bar




Hollow Bottom Interior with Square Hole. Bottom View.



Part #	Height	Base	Wt.
#352 1/2	1-1/16"	1-1/4" Sq.	0.20 lb.
#352 5/8	1-1/16"	1-1/4" Sq.	0.20 lb.
JB354 3/4	1-1/16"	1-3/8" Sq.	0.20 lb.

Cast Iron Baluster Shoes With <u>Set Screw</u>
For 1/2" & 9/16" Square Bar




Hollow Bottom Interior with Square.

Part #	Fits	Height	Base	Wt.
1491/3SC	1/2" Sq.	1-3/32"	1-9/16" Sq.	0.30 lb.
1491/4SC	9/16" Sq.	1-3/32"	1-9/16" Sq.	0.20 lb.
1491/5SC	1-1/16" Sq.	1-3/4"	2-3/4" Sq.	1.3 lbs.

Cast Iron Post Shoes
For 1", 1-1/4" & 1-1/2" Square Bar



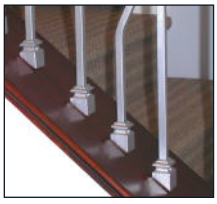
Hollow Bottom Interior with Square Hole.

Part #	Fits	Height	Base	Wt.
JB367 1	1" Sq.	1-1/8"	1-3/4" Sq.	0.30 lb.
JB368 1 1/4	1-1/4" Sq.	1-5/8"	2-3/4" Sq.	0.90 lb.
JB369 1 1/2	1-1/2" Sq.	1-3/4"	3" Sq.	1.20 lbs.

Slanted Base Shoes With Hollow Interior
For 1/2" & 5/8" Square Baluster Bars

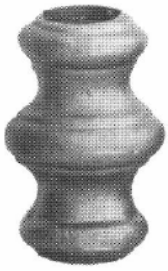


Hollow Bottom Interior with Square Hole. Just Grind For Your Specific Angle.



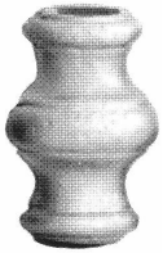
Part #	Fits	Height	Base	Wt.
#362 1/2	1/2" Sq.	2"	1-1/4" Sq.	0.20 lb.
#362 5/8	5/8" Sq.	2"	1-1/4" Sq.	0.20 lb.

Hot Stamped Steel Collars For Round Stock



Hole: **1/2" Dia.**
2-17/32" H. x 1-9/16" W.
Wt. 0.60 lb.
128/6

Hole: **9/16" Dia.**
2-17/32" H. x 1-9/16" W.
Wt. 0.50 lb.
128/7



Hole: **5/8" Dia.**
2-11/16" H. x 1-3/4 W.
Wt. 0.70 lb.
128/9

Hole: **3/4" Dia.**
2-11/16" H. x 1-3/4" W.
Wt. 0.60 lb.
128/10

Hole: **13/16" Dia.**
3-1/16" H. x 1-31/32" W.
Wt. 0.80 lb.
128/15



Hole: **1/2" Dia.**
1-17/32" H. X 1-9/16" W.
Wt. 0.30 lb.
128/17

Hole: **9/16" Dia.**
1-17/32" H. X 1-9/16" W.
Wt. 0.30 lb.
128/18

Hole: **21/32" Dia.**
1-23/32" H. X 1-3/4" W.
Wt. 0.50 lb.
128/21



Hole: **23/32" Dia.**
1-23/32" H. X 1-3/4" W.
Wt. 0.40 lb.
128/22

Hole: **29/32" Dia.**
1-13/16" H. X 2" W.
Wt. 0.60 lb.
128/28

Cast Iron Collars For 1/2" Diameter Hole



Hole: **1/2" Dia.**
1-5/8" H.
1-7/16" W.
Wt. 0.20 lb.
#XB-6



Hole: **1/2" Dia.**
4-7/8" H.
1-7/16" W.
Wt. 0.60 lb.
#XB-3

Cast Steel Collars For 9/16" Diameter Hole



Hole: **9/16" Dia.**
7/8" H.
1-9/16" W.
Wt. 0.30 lb.
128/1

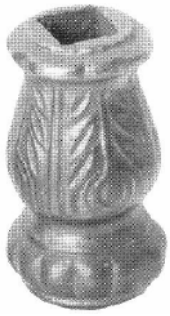
Cast Iron Collars For 1/2" & 5/8" Square Hole



Hole: **1/2" Sq.**
1-3/4" H.
1-7/8" W.
Wt. 0.60 lb.
#8518 1/2

Hole: **5/8" Sq.**
1-3/4" H.
1-7/8" W.
Wt. 0.60 lb.
#8518 5/8

Hot Stamped Steel Collars For Square Stock



Hole: **9/16" Sq.**
2-3/4" H. x 1-9/16" W.
Wt. 0.40 lb.
747/10

Hole: **1/2" Sq.**
2-3/4" H. x 1-9/16" W.
Wt. 0.40 lb.
747/11



Hole: **9/16" Sq.**
4-1/2" H. x 1-9/16" W.
Wt. 0.40 lb.
747/8

Hole: **1/2" Sq.**
4-17/32" H. x 1-9/16" W.
Wt. 0.40 lb.
747/9



Hole: **1/2" Sq.**
2-9/16" H. X 1-9/16" W.
Wt. 0.50 lb.
747/12

Hole: **9/16" Sq.**
2-21/32" H. X 1-3/4 W.
Wt. 0.70 lb.
747/13

Hole: **5/8" Sq.**
3-1/16" H. X 2" W.
Wt. 1 lb.
747/14



Hole: **1/2" Sq.**
1-17/32" H. X 1-9/16" W.
Wt. 0.30 lb.
747/15

Hole: **9/16" Sq.**
1-11/16" H. X 1-3/4" W.
Wt. 0.60 lb.
747/16

Hole: **5/8" Sq.**
1-3/16" H. X 2" W.
Wt. 0.70 lb.
747/17

Hot Stamped Steel Collars For Square Stock



Hole: **9/16" Sq.**
2-9/16" H.
1-9/16" W.
Wt. 0.50 lbs.
746/5



Hole: **5/8" Sq.**
1-3/16" H.
1-29/32" W.
Wt. 0.40 lbs.
746/4



Hole: **9/16" Sq.**
1-1/2" H.
1-9/16" W.
Wt. 0.40 lbs.
746/6

Cast Steel Collars For 9/16" Square Hole



Hole: **9/16" Sq.**
7/8" H.
1-9/16" W.
Wt. 0.30 lb.
128/2

Slanted Base Shoes With Hollow Interior



Sq. Hole: **1/2"**
1-3/8" Sq. Base
2" H., Wt. 0.30 lb.

1491/1SC

With Set Screw

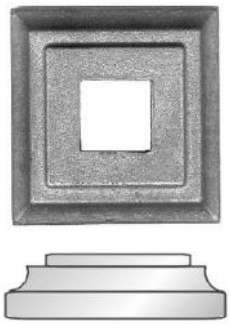


Sq. Hole: **5/8"**
1-3/16" Sq. Base
2" H., Wt. 0.20 lb.

1491/2SC

Base Shoes With Hollow Interior

Fits 1/2", 9/16", 5/8", & 1-3/16" Sq. Hole



Sq. Hole: **1/2"**
1-1/2" Sq. Base
Wt. 0.20 lb.

819/8

Sq. Hole: **1"**
3-1/8" Sq. Base
Wt. 0.80 lb.

819/2/S

Newel Post Cover Shoe

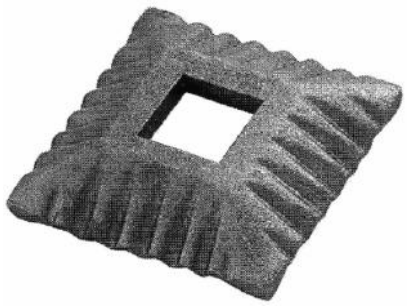
Sq. Hole: **5/8"**
1-1/2" Sq. Base
Wt. 0.20 lb.

819/6

Sq. Hole: **1-3/16"**
2-3/8" Sq. Base
Wt. 0.60 lb.

819/1

Decorative Steel Cover Shoes



Sq. Hole: **5/8"**
2-1/8" Sq. Base
Wt. 0.20 lb.

1408/2

Sq. Hole: **1-3/16"**
3-1/8" Sq. Base
Wt. 0.40 lb.

1408/1

Round Decorative Steel Cover Shoes



Dia. Hole: **1/2"**
1-9/16" Rd. Base x 19/32" H.
Wt. 0.10 lb.

1408/5



Dia. Hole: **1-1/4"**
2-3/8" Rd. Base x 11/16" H.
Wt. 0.20 lb.

1408/6

Cast Iron Cover Shoe



Sq. Hole: **1"**
2-1/4" Sq. Base
2" H., Wt. 0.50 lb.

#CI230 1

Cast Iron Base Flanges With 3/8" Mounting Holes



Sq. Hole: **1"**
3" Sq. Base
2" H., Wt. 1 lb.

#CI231 1

Sq. Hole: **1-1/2"**
3-1/2" Sq. Base
2" H., Wt. 1.5 lbs.

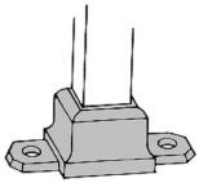
#CI231 1-1/2

Cast Iron Base Flanges With Mounting Holes



Sq. Hole: **1"**
1-5/8" Sq. Base
1-3/8" H. x 3" L.
Wt. 0.30 lb.

#CI229 1 1E





Sq. Hole: **1/2"**
1-1/8" Sq. Base
7/8" H. x 2-3/8" L.
Wt. 0.15 lb.

#CI229 1/2 2E

Sq. Hole: **1"**
1-5/8" Sq. Base
1-3/8" H. x 3-3/4" L.
Wt. 0.35 lb.

#CI229 1 2E

Aluminum Base Flanges With Mounting Holes



Sq. Hole: **1"**
1-5/8" Sq. Base
1" H. x 2-1/2" L.
Wt. 0.17 lb.

#229 1 1E

Sq. Hole: **1-1/4"**
1-5/8" Sq. Base
1" H. x 2-7/8" L.
Wt. 0.15 lb.

#229 1 1/4 1E



Sq. Hole: **1"**
1-5/8" Sq. Base
1" H. x 2-1/2" L.
Wt. 0.16 lb.

#229 1 2E

Sq. Hole: **1-1/4"**
1-5/8" Sq. Base
1" H. x 3-7/8" L.
Wt. 0.18 lb.

#229 1 1/4 2E

Aluminum Cover Shoe For 1" Square



Sq. Hole: **1"**
2" Sq. Base
1-1/4" Height
Wt. 0.20 lb.

#232 1

Aluminum Cover Shoe For 1" Square



Sq. Hole: **1"**
2-1/4" Sq. Base
2" Height
Wt. 0.20 lb.

#230 1

Cast Iron, Steel, & Aluminum Components

Aluminum Cover Shoe

Fits Over 2" x 3-1/2" Rectangular Base Plates



Sq. Hole: **1"**
1-1/2" Height
2" x 3-1/2" Rec. Base
Wt. 0.25 lb.

#234 1

Sq. Hole: **1-1/4"**
1-1/2" Height
2" x 3-1/2" Rec. Base
Wt. 0.38 lb.

#234 1 1/4

Aluminum Cover Shoe

Fits Over 3" x 3" and 4" x 4" Square Base Plates



Fits Over 3" x 3" Plates
Sq. Hole: **1"**
2" Ht. x 3-1/2" Sq. Base
Wt. 0.33 lb.

#231 1

Fits Over 3" x 3" Plates
Sq. Hole: **1-1/4"**
2" Ht. x 3-1/2" Sq. Base
Wt. 0.33 lb.

#231 1 1/4

Fits Over 3" x 3" Plates
Sq. Hole: **1-1/2"**
2" Ht. x 3-1/2" Sq. Base
Wt. 0.33 lb.

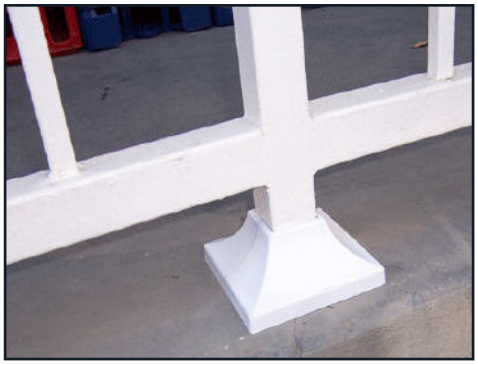
#231 1 1/2

Fits Over 4" x 4" Plates
Sq. Hole: **2"**
2" Ht. x 4-1/2" Sq. Base
Wt. 0.65 lb.

#231 2







Split Cover Plastic Shoe -

Fits Over 3" x 3" and 4" x 4" Square Base Plates



Base plates can now be welded to posts in the shop and installed directly to the balcony or stairs. No field welding of base plates mean less heat damage to flooring and surrounding areas.



Traditional cover shoes don't allow enough room to install lag bolts with an impact wrench, due to the 4" maximum space code. But the split cover style shoe allows you to install them last. These split cover shoes fit snugly together, but a small amount of ABS glue is recommended for permanent installation. The Split Cover Shoe is molded in durable black ABS plastic with a satin finish or it may be painted custom colors to match the railing.

Post Size	Part #	Fits Over	Sq. Hole Size	Height	Wt.
1" Sq.	SPLITSQ1.003X3	3" x 3" Sq. Plate	1" Sq.	2"	0.12 lb.
1-1/4" Sq.	SPLITSQ1.253X3	3" x 3" Sq. Plate	1-1/4" Sq.	2"	0.12 lb.
1-1/2" Sq.	SPLITSQ1.503X3	3" x 3" Sq. Plate	1-1/2" Sq.	2"	0.12 lb.
1-1/2" Sq.	SPILTSQ1.504X4	4" x 4" Sq. Plate	1-1/2" Sq.	2"	0.12 lb.
2" Sq.	SPLITSQ2.004X4	4" x 4" Sq. Plate	2" Sq.	2"	0.12 lb.

Split Round Plastic Cover Shoe

Fits Over 3" x 3" Round Plate



Traditional cover shoes don't allow enough room to install lag bolts with an impact wrench, due to the 4" maximum space code. But the split cover style shoe allows you to install them last. These split cover shoes fit snugly together. No field welding of base plates mean less heat damage to flooring and surrounding areas. The Split Cover Shoe is molded in durable black ABS plastic with a satin finish or it may be painted custom colors to match the railing.



Post Size	Part #	Fits Over	Rd. Hole Size	Height
1-1/4" Rd. Pipe (1-5/8" O.D.)	SPLITRD1.25PIPE	3" x 3" Rd. Plate	1-5/8" O.D.	1-1/2"
1-1/2" Rd. Pipe (1-7/8" O.D.)	SPLITRD1.50PIPE	3" x 3" Rd. Plate	1-7/8" O.D.	1-1/2"
1-1/2" Rd. Tubing (1-1/2" O.D.)	SPLITRD1.50TUBE	3" x 3" Rd. Plate	1-1/2" O.D.	1-1/2"

Cast Steel Leaves (Double Sided)



3-7/8" W. x 8-1/4" H.

CSL12L



3-7/8" W. x 8-1/4" H.

CSL12R



5-1/2" W. x 8-7/8" H.

CSL13L



5-1/2" W. x 8-7/8" H.

CSL13R

Cast Steel Leaves (Double Sided)



5-1/4" W. x 6-1/8"

CSL14L



5-1/4" W. x 6-1/8" H.

CSL14R



4-1/2" W. x 4-1/2" H.

CSL15L



4-1/2" W. x 4-1/2" H.

CSL15R

Cast Steel Leaves (Double Sided)



2-1/8" W. x 10-3/4" H.
1/2" Wide Base

CSL10



3-5/8" W. x 10-1/8" H.
1-5/8" Wide Base
3-16" Thick

CSL17



2-3/4" W. x 4-5/8" H.
1-7/8" Stem Length
x 3/16" dia.

CSL1



4-5/8" W. x 6-3/4" H.
2-1/8" Stem Length
x 3/16" dia.

CSL3

Cast Steel Grape Cluster (Double Sided)



2-3/4" W. x 5-3/8" H.
1" Thick

CSL16

Cast Steel Rosette



1/8" Thick
4-1/2" dia.
Single Face

#9053

Cast Iron Rosettes



3/16" Thick
2-1/2" dia.
Single Face

#9052



3/8" Thick
4" dia.
Single Face

#681



3/16" Thick
3-1/8" dia.
Single Face

#9050



1/2" Thick
4-3/4" W. x 5-7/8" H.
1/2" Thick - Single Face

FLUR DE LEI

Aluminum Rosette



1/4" Thick
2-1/2" dia.
Single Face

#104

Cast Iron, Steel, & Aluminum Components

Small Cast Iron Oak Corner



7-1/4" W.
4-1/2" H.

#CIC3

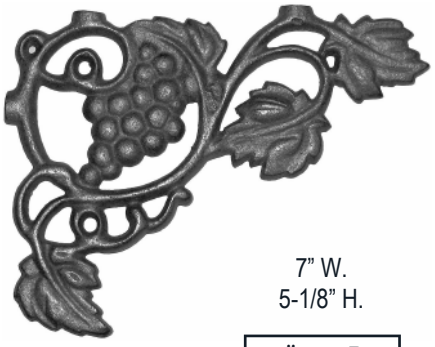
Small Cast Iron Rose Corner



7" W.
5-1/8" H.

#CIC4

Small Cast Iron Grape Corner



7" W.
5-1/8" H.

#CIC5

1/2" Sq. Aluminum Rings With Weld Tabs



Part #	Size
#4" O	4" O.D.
#5" O	5" O.D.
#6" O	6" O.D.

1/2" Square 18 Gauge Steel Tubing Rings



Spot Welded

Part #	Size
JSRING3 1/2	3-1/2" O.D.
JSRING4	4" O.D.
JSRING4 1/2	4-1/2" O.D.
JSRING5	5" O.D.
JSRING5 1/2	5-1/2" O.D.
JSRING6	6" O.D.
JSRING8	8" O.D.
JSRING10	10" O.D.

1/2" Square 16 Gauge Steel Tubing Rings



Wire Welded

Part #	Size
RING3 1/2	3-1/2" O.D.
RING4	4" O.D.
RING4 1/2	4-1/2" O.D.
RING5	5" O.D.
RING5 1/2	5-1/2" O.D.
RING6	6" O.D.

1/2" Round Steel Solid Rings



Wire Welded

Part #	Size
RING3 1/2RD	3-1/2" O.D.
RING4RD	4" O.D.
RING4 1/2RD	4-1/2" O.D.
RING5RD	5" O.D.
RING5 1/2RD	5-1/2" O.D.
RING6RD	6" O.D.

1/2" Square Steel Solid Rings



Wire Welded

Part #	Size
RING3 1/2SQ	3-1/2" O.D.
RING4SQ	4" O.D.
RING4 1/2SQ	4-1/2" O.D.
RING5SQ	5" O.D.
RING5 1/2SQ	5-1/2" O.D.
RING6SQ	6" O.D.

1/2" Square Hammered Steel Solid Rings

Made from 118/1 Hammered Bar



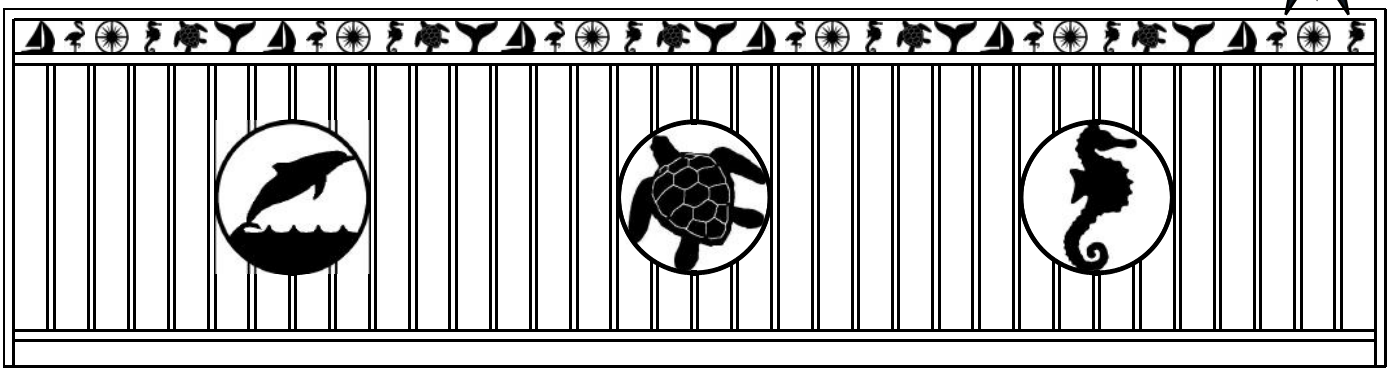
Wire Welded

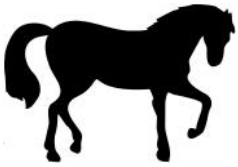
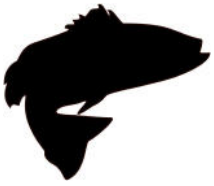
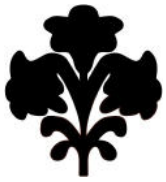
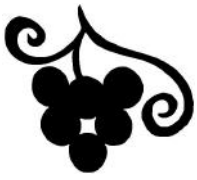
Part #	Size
RING3 1/2SQHAM	3-1/2" O.D.
RING4SQHAM	4" O.D.
RING4 1/2SQHAM	4-1/2" O.D.
RING5SQHAM	5" O.D.
RING5 1/2SQHAM	5-1/2" O.D.
RING6SQHAM	6" O.D.



4” Tall Steel Silhouette Accents 3/16” Thick

NEW

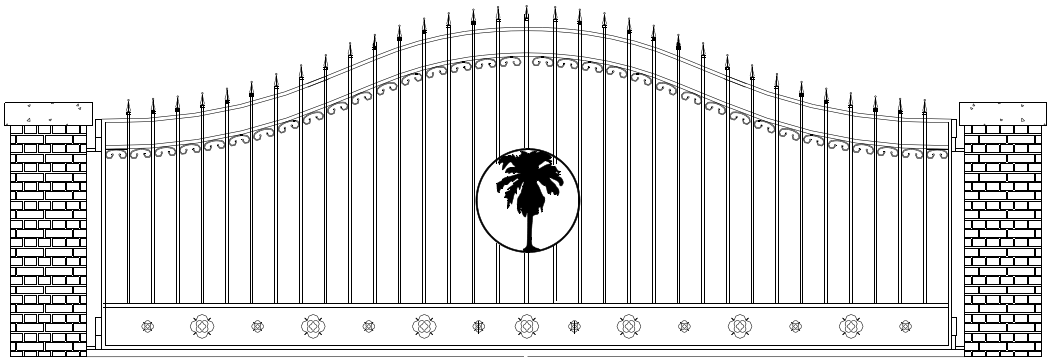


 SIL101-4	 SIL102-4	 SIL103-4	 SIL104-4	 SIL105-4	 SIL106-4
 SIL107-4	 SIL108-4	 SIL109-4	 SIL110-4	 SIL111-4	 SIL112-4
 SIL113-4	 SIL114-4	 SIL115-4	 SIL116-4	 SIL117-4	 SIL118-4
6” Minimum Height  SIL119-6	6” Minimum Height  SIL120-6	6” Minimum Height  SIL121-6	 SIL122-4	 SIL123-4	 SIL124-4
 SIL125-4	 SIL126-4	 SIL127-4	 SIL128-4	 SIL129-4	 SIL130-4

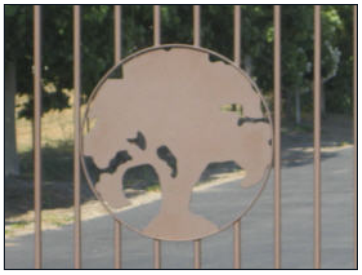
18” Silhouette Cut Outs With Flat Bar Ring

Flat Bar Ring: 1/4” x 1” x 18” Dia.

Silhouettes are made from a 3/16” steel plate







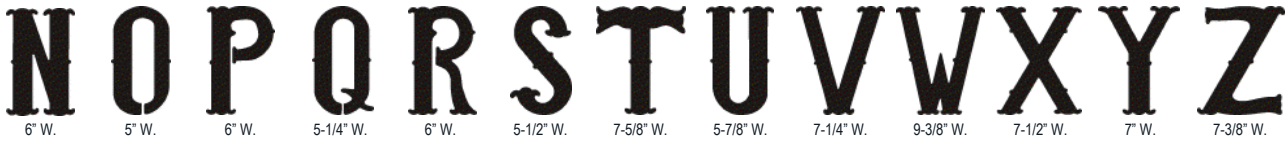
 SIL101	 SIL102	 SIL103	 SIL104	 SIL105	 SIL106
 SIL107	 SIL108	 SIL109	 SIL110	 SIL111	 SIL112
 SIL113	 SIL114	 SIL115	 SIL116	 SIL117	 SIL118
 SIL119	 SIL120	 SIL121	 SIL122	 SIL123	 SIL124
 SIL125	 SIL126	 SIL127	 SIL128	 SIL129	 SIL130

Stock Letters 9-1/2" Tall Style #100 / Stock Numbers 7-1/2" Tall

All other sizes are considered a special order.
All letters & numbers are made from 3/16" plate.
All sizes listed below are approximate.

9-1/2" Tall Letters







7-1/2" Tall Numbers

Made To Order Only. Please Specify Height And Style Number.

Special Letters & Numbers
Made to order out of 3/16" steel plate.
Allow up to two weeks for delivery.

Available Sizes
4" to 6" Tall
Up to 10" Tall
Up to 16" Tall
Up to 20" Tall
Up to 24" Tall

ABCDEFGHIJKLMNOPQRSTUVWXYZ 0123456789
Style #104 (Bahamas Heavy)

ABCDEFGHIJKLMNOPQRSTUVWXYZ 0123456789
Style #106 (Bangkok)

ABCDEFGHIJKLMNOPQRSTUVWXYZ 0123456789
Style #107 (Bodnoff)

ABCDEFGHIJKLMNOPQRSTUVWXYZ 0123456789
Style #112 (New Brunswick)

ABCDEFGHIJKLMNOPQRSTUVWXYZ 0123456789
Style #116 (Ariel Black)

ABCDEFGHIJKLMNOPQRSTUVWXYZ 0123456789
Style #117 (Figaro MT)

SECTION 13
Forged Pickets, Scrolls, & Railing



The page numbers that start with "IND" correspond to INDITAL's Quick Reference Catalog #7 pages.

indital usa

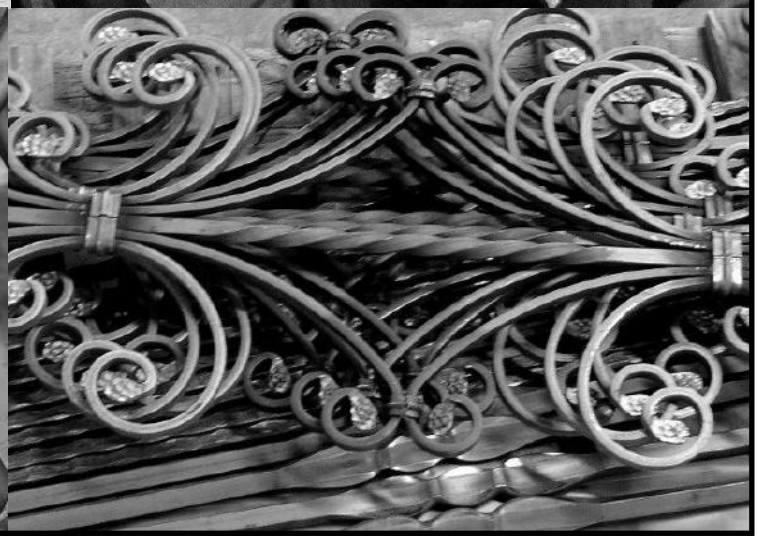
Italian Architectural Forged Steel Components

This Quick Reference Catalog Section is design to provide a complete list of Italian Architectural Designs that are available in the U.S.A.









New Items

New Items



Art. 630/1
Mtl 3/4" x 3/8" sq.
W 4 1/2" x H 13 3/16"
Wt. 3.04 lbs.

Round Steel Tubular Scrolls

1/2" Dia. Material



Art. 650/1
Mtl 1/2" dia.
W 5 1/8" x H 15"
Wt. 0.81 lbs.



Art. 650/2
Mtl 1/2" dia.
W 5 5/16" x H 14 3/16"
Wt. 0.81 lbs.



Art. 650/3
Mtl 1/2" dia.
W 4 3/4" x H 9 1/4"
Wt. 0.74 lbs.



Art. 650/4
Mtl 1/2" dia.
W 5 5/16" x H 10 1/16"
Wt. 0.74 lbs.



Art. 630/3
Mtl 3/4" x 3/8" sq.
W 4 1/2" x H 10 1/4"
Wt. 2.73 lbs.



Art. 630/4
Mtl 3/4" x 3/8" sq.
W 4 3/4" x H 7 1/2"
Wt. 3.75 lbs.



Art. 630/5
Mtl 3/4" x 3/8" sq.
W 3 15/16" x H 4 3/4"
Wt. 1.21 lbs.



Art. 630/6
Mtl 3/4" x 3/8" sq.
W 3 1/8" x H 5 1/8"
Wt. 1.06 lbs.



Art. 658/2
Mtl 1/2" sq.
W 9 1/2" x H 13 13/16"
Wt. 2.42 lbs.



Art. 658/1
Mtl 1/2" sq.
W 9 1/2" x H 15 3/4"
Wt. 2.64 lbs.

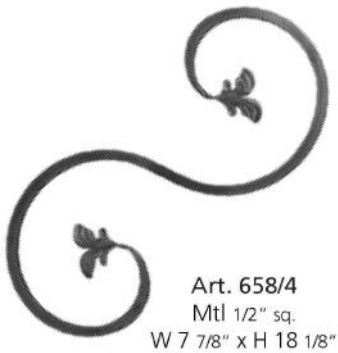




Art. 92/C/4 Left
Mtl 1/2" x 1/4"
W 4 13/32" x H 20 1/16"
Wt. 1.1 lbs.



Art. 92/C/5 Right
Mtl 1/2" x 1/4"
W 4 13/32" x H 20 1/16"
Wt. 1.1 lbs.



Art. 658/4
Mtl 1/2" sq.
W 7 7/8" x H 18 1/8"
Wt. 2.64 lbs.

New Items

Square Steel Tubular Scrolls

1/2" SQ. Material





Art. 651/4
Mtl 1/2" sq.
W 5 1/8"
H 14 31/32"
Wt. 0.58 lbs.



Art. 651/3
Mtl 1/2" sq.
W 5 5/16"
H 14 3/16"
Wt. 0.57 lbs.



Art. 651/1
Mtl 1/2" sq.
W 4 23/32"
H 9 1/4"
Wt. 0.52 lbs.



Art. 651/2
Mtl 1/2" sq.
W 5 5/16"
H 10 1/16"
Wt. 0.53 lbs.



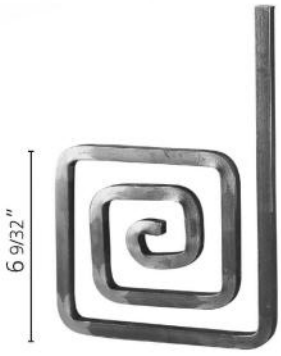




Art. 24/F/2
Mtl 1/2" sq.
W 11 13/16" x H 8 21/32"
Wt. 4.36 lbs.



Art. 1143/1
Mtl 1/2" sq.
W 8 15/32" x H 7 1/2"
Wt. 3.96 lbs.



Art. 1143/2
Mtl 1/2" sq.
W 7 9/32" x H 11 13/16"
Wt. 3.04 lbs.



Art. 1145/3
Mtl 1/2" sq.
W 12 13/32" x H 6 11/16"
Wt. 2.38 lbs.

New Items



Art. GD0048
Mtl 9/16" x 1/4"
W 94 1/2"
H 3 15/16"
Wt 8.14 lbs



Art. GD0049
Mtl 1/2" dia.
W 94 1/2"
H 5 1/8"
Wt. 12.79 lbs



Art. GD0050
Mtl 9/16" x 1/4"
W 96 7/16"
H 5 7/8"
Wt. 13.89 lbs

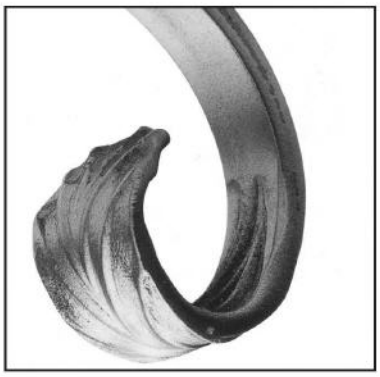


Art. GD0051
Mtl 1/2" sq.
W 98 7/16"
H 3 15/16"
Wt. 14.33 lbs



Art. 1281/11
Mtl. 13/16" x 5/16"
W 43 5/16"
H 12 7/32"
Wt. 16.28 lbs.





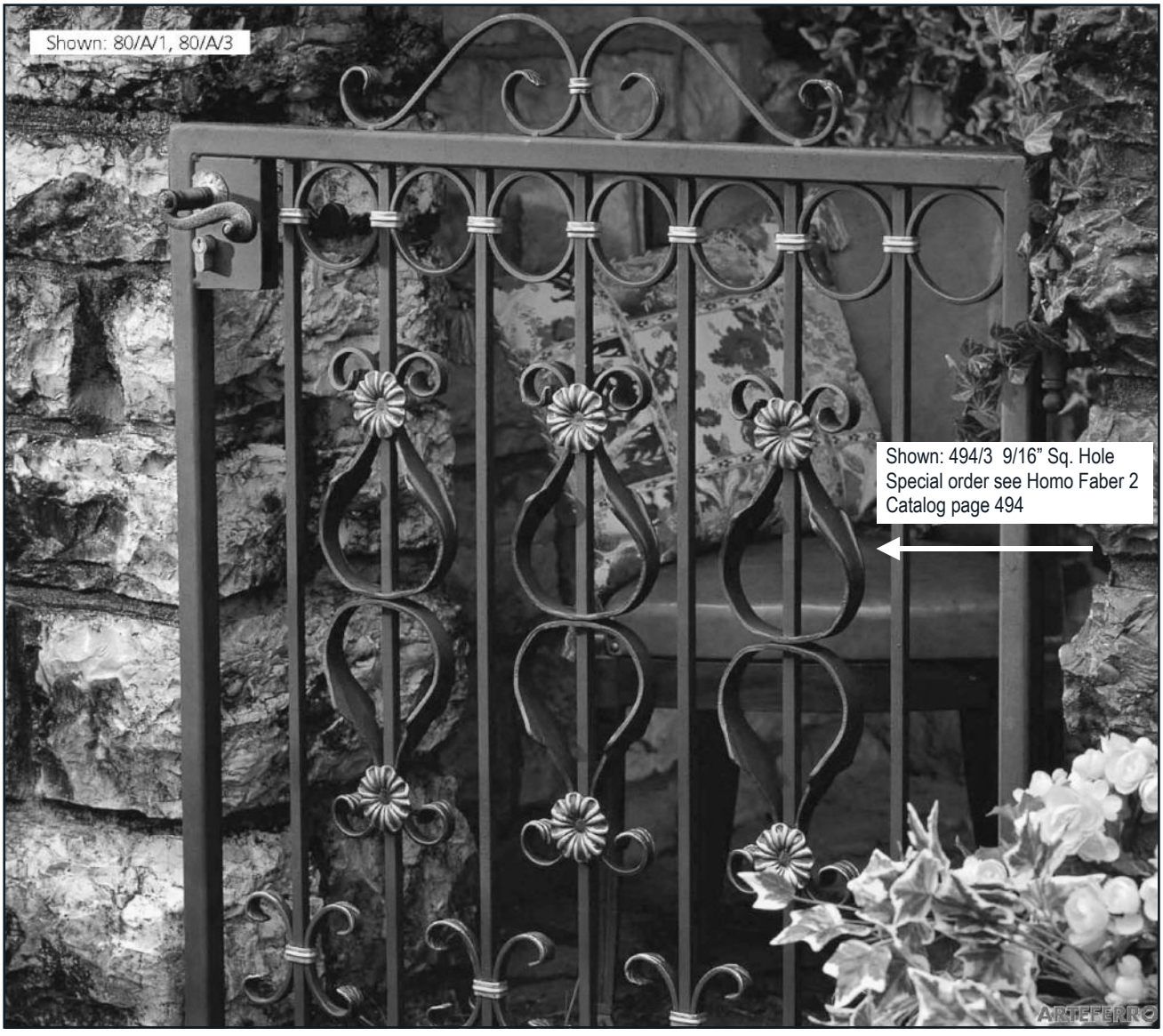
HOT FORGED
ENDS



Art. 80/A/1
Mtl 1/2" x 1/4"
W 4 11/32" x H 10 5/8"
Wt. 0.73 lbs.



Art. 80/A/3
Mtl 1/2" x 1/4"
W 2 3/8" x H 4 5/16"
Wt. 0.31 lbs.



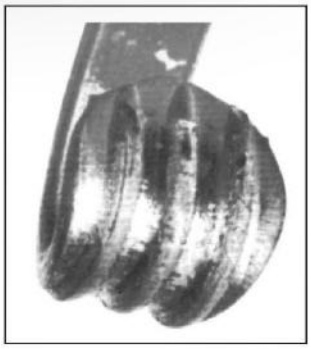




Art. 80/A/11
Mtl 1/2" x 1/4"
W 2 9/16" x H 5 29/32"
Wt. 0.42 lbs.



Art. 80/A/12
Mtl 1/2" x 1/4"
W 2 3/4" x H 7 1/2"
Wt. 0.51 lbs.

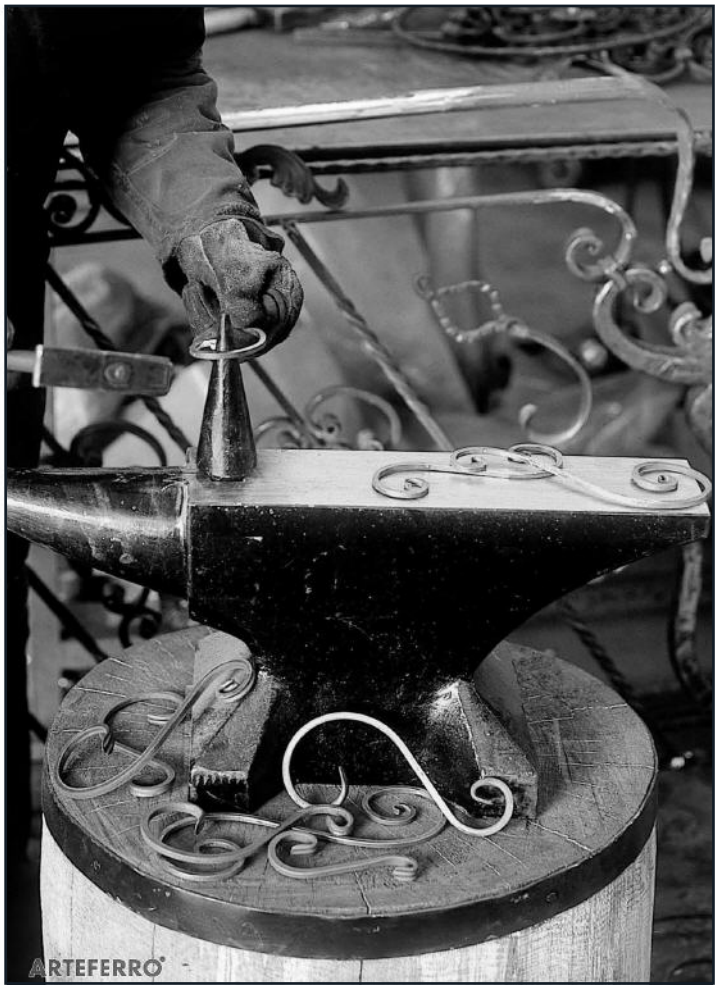


HOT FORGED
ENDS



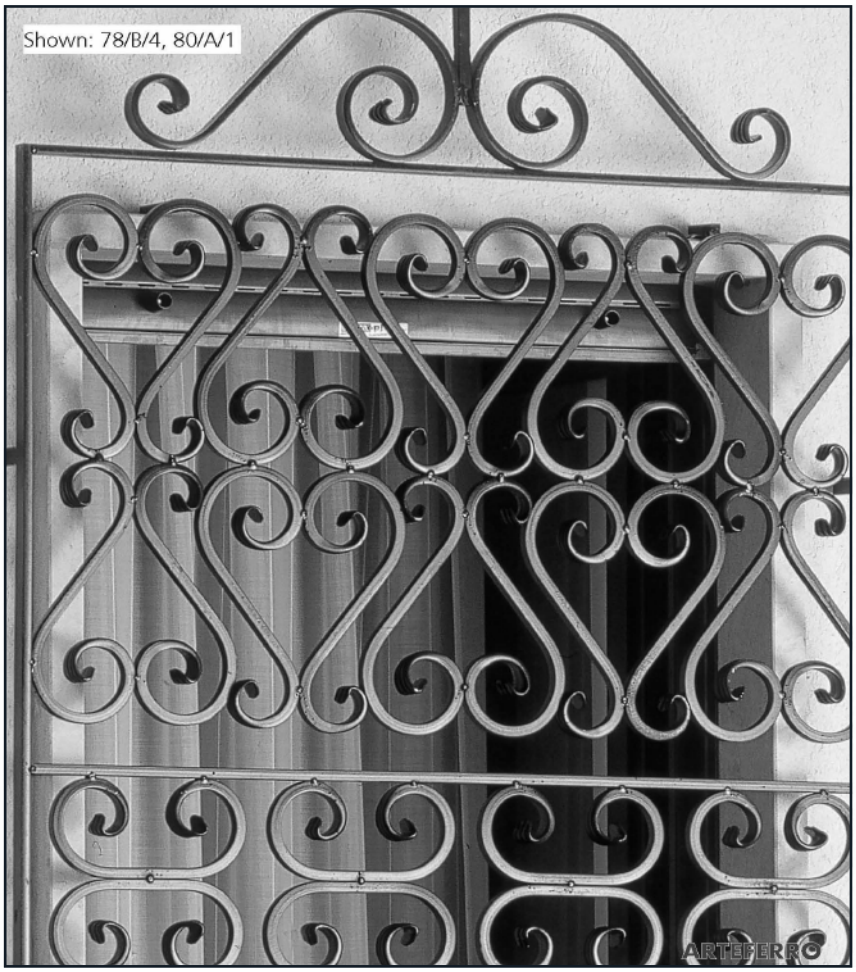
Art. 80/A/9
Mtl 1/2" x 1/4"
W 2 3/4" x H 4 1/8"
Wt. 0.35 lbs.

Art. 80/A/10
Mtl 1/2" x 1/4"
W 3 3/4" x H 5 1/2"
Wt. 0.48 lbs.



IND 11







Art. 634/8
Mtl 9/16" dia.
W 6 5/16" x H 8 7/8"
Wt. 2.1 lbs.



Art. 84/7
Mtl 3/4" x 1/4"
W 5 2/32" x H 8 7/8"
Wt. 1.6 lbs.



Art. 78/B/4
Mtl 9/16" sq.
W 4 11/32" x H 8 21/32"
Plain
Wt. 2.1 lbs.



Art. 93/4
Mtl 1/2" x 1/4"
W 9 1/16" x H 13 25/32"
Wt. 1.4 lbs.



Art. 92/B/4
Mtl 1/2" x 1/4"
W 6 9/32" x H 9 27/32"
Wt. 1.5 lbs.



Art. 94/3
Mtl 1/2" x 1/4"
W 5 29/32" x H 7 7/8"
Wt. 0.8 lbs.



Art. 93/3
Mtl 1/2" x 1/4"
W 7 7/8" x H 17 23/32"
Wt. 1.7 lbs.



Art. 93/1
Mtl 1/2" x 1/4"
W 12 19/32" x H 17 23/32"
Wt. 1.8 lbs.



Art. 92/B/3
Mtl 1/2" x 1/4"
W 13 25/32" x H 3 5/32"
Wt. 0.8 lbs.





Art. 64/G/6
Mtl 1/2" x 1/4"
W 2"
H 9 1/16"
Wt. 0.5 lbs.



Art. 64/G/3
Mtl 1/2" x 1/4"
W 4 1/8"
H 5 29/32"
Wt. 0.5 lbs.



Art. 64/G/4
Mtl 1/2" x 1/4"
W 2 3/8"
H 4 1/8"
Wt. 0.3 lbs.



Art. 64/G/5
Mtl 1/2" x 1/4"
W 2 3/8"
H 4 1/8"
Wt. 0.3 lbs.



Art. 94/C/2
Mtl 1/8"
W 6 11/16"
H 5 1/2"
Wt. 0.2 lbs.

Used in 1652/1 & 1653/2



Art. 94/C/1
Mtl 1/8"
W 5 1/8"
H 3 15/16"
Wt. 0.2 lbs.





Art. 94/C/3
Mtl 3/8" dia.
W 4 11/32"
H 6 11/16"
Wt. 0.6 lbs.



Art. 94/C/4
Mtl 3/8" dia.
W 4 11/32"
H 6 11/16"
Wt. 0.6 lbs.



Art. 94/C/5
Mtl 3/8" dia.
W 7 1/2" x H 10 5/8"
Wt. 1.0 lbs.



Art. 94/C/6
Mtl 3/8" dia.
W 7 1/2" x H 10 5/8"
Wt. 1.0 lbs.



Art. GD0033
Mtl 5/8" x 3/8"
W 3 15/16" approx.
H 5 1/8" approx.
Wt. 0.8 lbs.



Art. GD0022/SX
Mtl 3/4" x 3/8"
W 3 15/16" approx.
H 9 9/16" approx.
Wt. 1.5 lbs.

Art. GD0023/SX
Mtl 5/8" x 3/8"
W 3 15/16" approx.
H 9 9/16" approx.
Wt. 1.2 lbs.



Art. GD0022/DX
Mtl 3/4" x 3/8"
W 3 15/16" approx.
H 9 9/16" approx.
Wt. 1.5 lbs.

Art. GD0023/DX
Mtl 5/8" x 3/8"
W 3 15/16" approx.
H 9 9/16" approx.
Wt. 1.2 lbs.



Art. GD0034
Mtl 5/8" x 3/8"
W 12 1/4" approx.
H 9 7/16" approx.
Wt. 1.9 lbs.



Art. GD0032
Mtl 5/8" x 3/8"
W 9 1/16" approx.
H 6 7/8" approx.
Wt. 2.4 lbs.



Art. GD0028
Mtl 5/8" x 3/8"
W 3 15/16" approx.
H 8 27/32" approx.
Wt. 1.5 lbs.



Art. GD0027
Mtl 5/8" x 5/16"
W 3 15/16" approx.
H 9 27/32"approx.
Wt. 1.65 lbs.



Art. GD0024
Mtl 5/8" x 3/8"
W 3 15/16" approx.
H 2 61/64" approx.
Wt. 0.66 lbs.

Art. GD0025
Mtl 3/4" x 3/8"
W 3 15/16" approx.
H 2 61/64" approx.
Wt. 0.88 lbs.



Art. GD0035
Mtl 5/8" x 3/8"
W 1 3/16" approx.
H x 6 7/8" approx.
Wt. 0.4 lbs.



Art. GD0026
Mtl 5/8" x 5/16"
W 8 27/32" approx.
H 2 3/4"approx.
Wt. 1.0 lbs.





Art. 1144/3
Mtl 1/2" sq.
W 5 23/32"
H 13 25/32"
Wt. 2.8 lbs.



Art. 1144/5
Mtl 1/2" sq.
W 6 11/16"
H 13 3/16"
Wt. 2.5 lbs.



Art. 1144/6
Mtl 1/2" sq.
W 6 5/16"
H 10 5/8"
Wt. 2.2 lbs.



Art. 1144/4
Mtl 1/2" sq.
W 4 1/8"
H 8 7/8"
Wt. 1.5 lbs.





Art. 1144/1
Mtl 1/2" sq.
W 4 23/32"
H 8 7/16"
Wt. 2.5 lbs.



Art. 1144/2
Mtl 1/2" sq.
W 3 3/4"
H 7 9/32"
Wt. 1.5 lbs.



Art. 1145/3
Mtl 1/2" sq.
W 12 13/32"
H 6 11/16"
Wt. 2.6 lbs.



Art. 73/1
Mtl 5/16" sq.
W 4 11/32" x H 11 13/16"
Wt. 1.0 lbs.

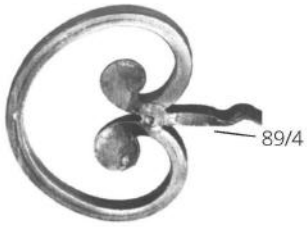


Art. 73/2
Mtl 5/16" sq.
W 4 11/32" x H 9 1/16"
Wt. 0.6 lbs.

Used in Art.451/1



Art. 73/3
Mtl 5/16" sq.
W 3 17/32" x H 7 3/32"
Wt. 0.5 lbs.



Art. 89/2
Mtl 5/16" sq.
W 4 15/16" x H 4 17/32"
Wt. 0.5 lbs.



Art. 1046/3
Mtl 1/2" sq.
W 9 15/32" x H 17 5/32"
Wt. 4.1 lbs.



Art. 1046/4
Mtl 1/2" sq.
W 7 9/32" x H 12 19/32""
Wt. 2.5 lbs.



Art. 1046/5
Mtl 1/2" sq.
W 7 3/32" x H 17 17/32"
Wt. 2.0 lbs.



Parts Used in Art.1046/1 & Art.1046/2



Art. 1046/6
Mtl 1/2" sq.
W 4 1/8"x H 2 9/16"
Wt. 0.9 lbs.



Art. 1046/7
Mtl 1/2" sq.
W 2 9/16 x H 4 1/8"
Wt. 0.51 lbs.



Art. 1295/1
Mtl 1/2" dia.
W 4 3/4"
H 14 3/16"
Wt. 2.1 lbs.



Art. 1295/2
Mtl 1/2" dia.
W 4 3/4"
H 14 3/16"
Wt. 1.8 lbs.



Art. 1295/3
Mtl 1/2" dia.
W 4 3/4"
H 11 7/16"
Wt. 1.7 lbs.



Art. 1295/4
Mtl 1/2" dia.
W 4 3/4"
H 8 21/32"
Wt. 1.4 lbs.



Art. 1295/5
Mtl 1/2" dia.
W 4 17/32"
H 10 1/32"
Wt. 1.83 lbs.



Art. 1295/6
Mtl 1/2" dia.
W 3 9/16"
H 7 3/32"
Wt. 1.23 lbs.



Art. 1295/7
Mtl 1/2" dia.
W 2 3/8"
H 4 17/32"
Wt. 0.73 lbs.



Art. 635/3
Mtl 1/2" sq.
W 4 11/32" x H 14 9/16"
Wt. 1.73 lbs.



Art. 635/4
Mtl 1/2" sq.
W 3 3/4" x H 11 7/16"
Wt. 1.33 lbs.





Art. 635/1
Mtl 1/2" sq.
W 4 15/16"
H 17 23/32"
Wt. 1.9 lbs.



Art. 635/2
Mtl 1/2" sq.
W 6 1/8"
H 15 11/32"
Wt. 2.04 lbs.





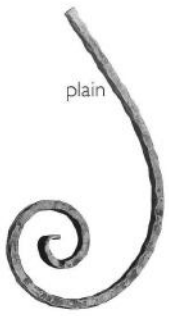
Art. 1296/12
Mtl 1/2" dia.
W 3 9/16"
H 5 5/16"
Wt. 0.81 lbs.



Hammered Mtl



Art. 1296/13
Mtl 1/2" dia.
W 2 3/4"
H 4 11/32"
Wt. 0.7 lbs.



Art. 1038/3
Mtl 9/16" sq.
W 7 7/8" x H 15 3/4"
Plain
Wt. 2.5 lbs.



Art. 1039/3
Mtl 9/16" sq.
W 3 17/32" x H 4 3/4"
Hammered
Wt. 0.9 lbs.



Art. 1039/2
Mtl 9/16" sq.
W 7 7/8" x H 11 13/16"
Hammered
Wt. 2.6 lbs.



Art. 88/C/2
Mtl 3/4" x 1/4"
W 9 1/4" x
H 28 11/32"
Wt. 3.3 lbs.



Art. 540/1
Mtl 1/2" dia.
W 9 7/8" x
H 28 11/32"
Wt. 3.4 lbs.





Art. 1309/1
Mtl 1/2" dia.
W 4 5/16"
H 17 3/4"
Wt. 1.9 lbs.



Art. 1309/2
Mtl 1/2" dia.
W 4 5/16"
H 17 3/4"
Wt. 1.9 lbs.



Art. 1309/3
Mtl 1/2" sq.
W 4 5/16"
H 17 3/4"
Wt. 2.5 lbs.



Art. 1309/4
Mtl 1/2" sq.
W 4 5/16"
H 17 3/4"
Wt. 3 lbs.



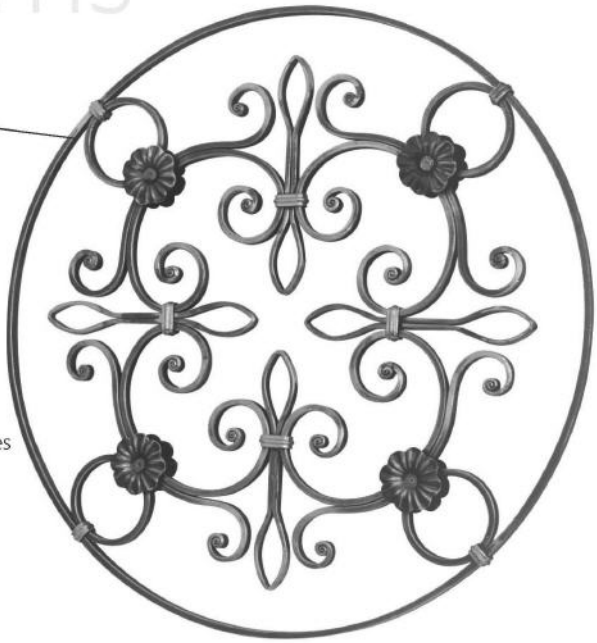
Art. 1309/5
Mtl 1/2" sq.
W 4 5/16"
H 17 3/4"
Wt. 4.1 lbs.

New Items

New Items

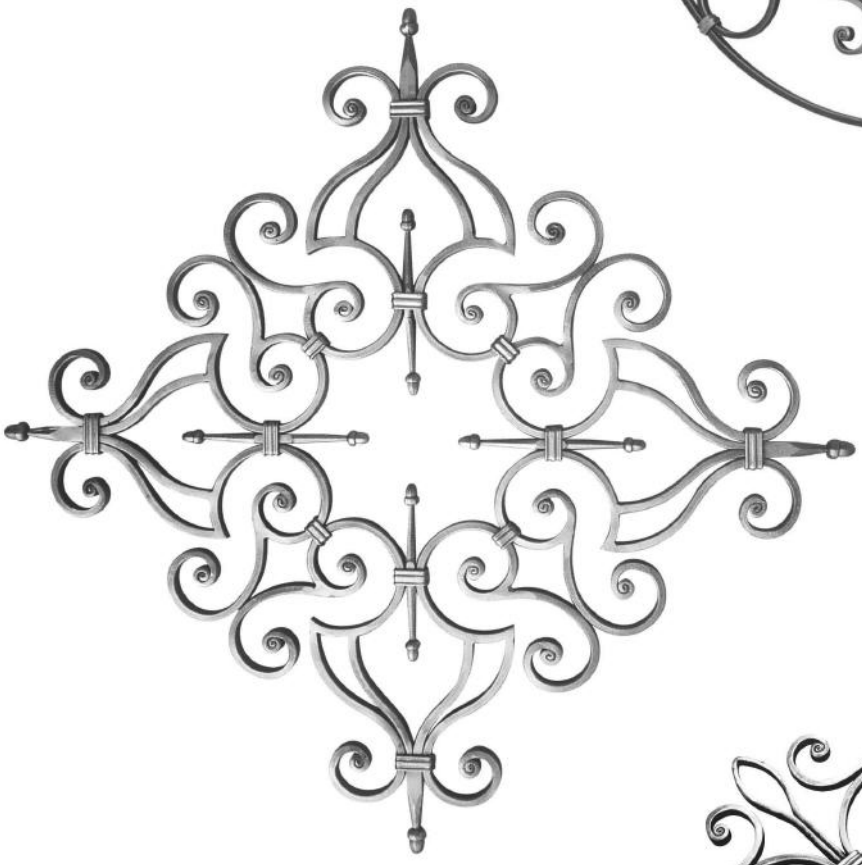


Floral Element 116/A/4

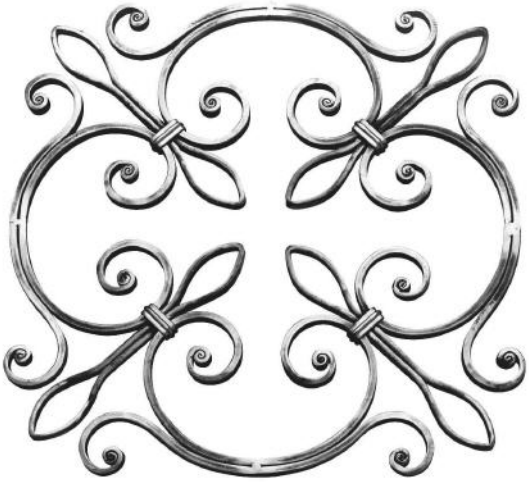


Art. 1667/3
Mtl 9/16" x 5/16" sq.
27" dia.
Wt. 19.8 lbs.

Rosette on both sides



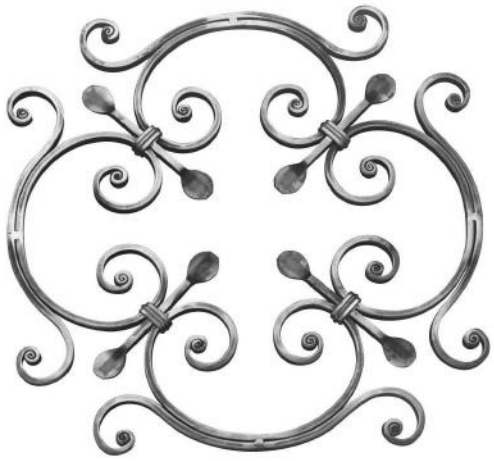
Art. GD151/2
Mtl 9/16" x 5/16" sq.
W 30 5/16" x H 21 21/32"
Wt. 17.8 lbs.



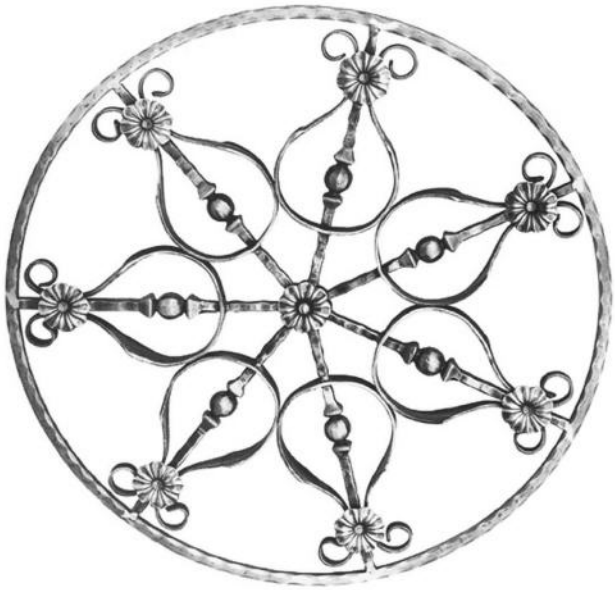
Art. 1667/2
Mtl 9/16" x 5/16" sq.
23 1/4" dia.
Wt. 12.1 lbs.

New Items





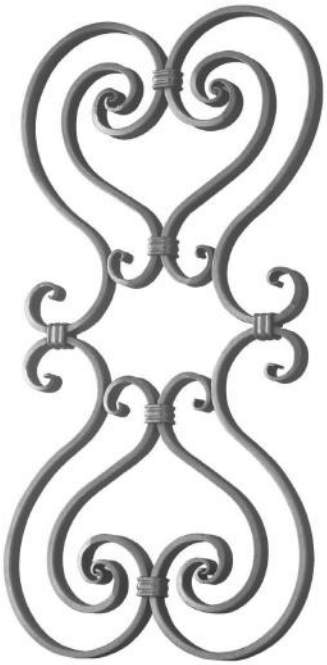
Art. 1668/2
Mtl 9/16" x 5/16" sq.
20 11/16" dia.
Wt. 11.22 lbs.



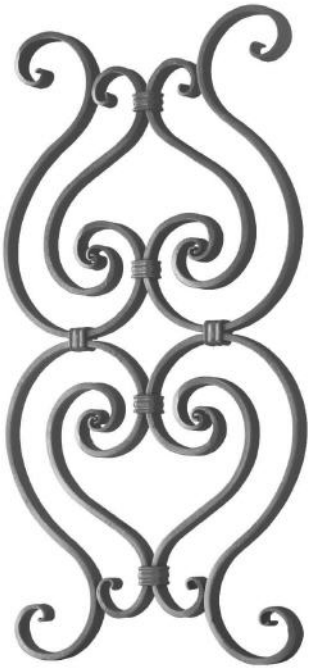
Art. 718/1
Mtl 9/16" sq.
28 15/16" dia.
Wt. 28.6 lbs.



New Items



Art. NEW0009
Mtl 5/8" x 1/4" sq.
W 10 1/4" x H 20 9/32"
Wt. 6.3 lbs.



Art. NEW0010
Mtl 5/8" x 1/4" sq.
W 10 1/4" x H 20 9/32"
Wt. 6.6 lbs.



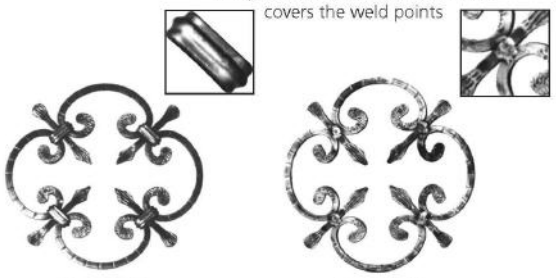
Art. 1665/18
Mtl 9/16" sq.
W 7 7/8" x H 13 13/32"
Wt. 5.32 lbs.



Art. NEW0016
Mtl 5/8" x 1/4" sq.
W 6 29/32" x H 20 3/32"
Wt. 3.52 lbs.

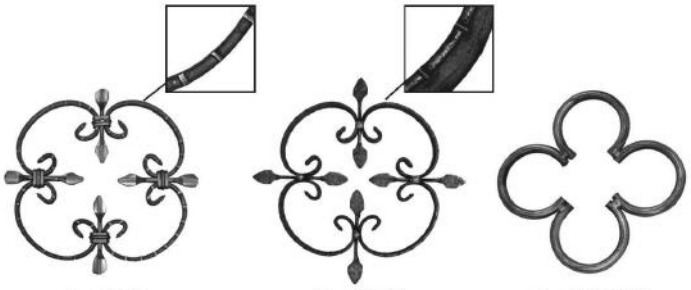


Items 17/1 and 17/2 are identical except for the collar material which covers the weld points



Art. 17/1
Mtl 5/16" sq.
9 27/32" dia.
Wt. 2 lbs.

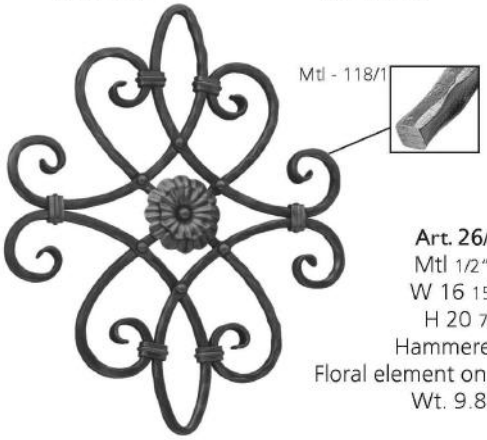
Art. 17/2
Mtl 5/16" sq.
9 27/32" dia.
Wt. 1.7 lbs.



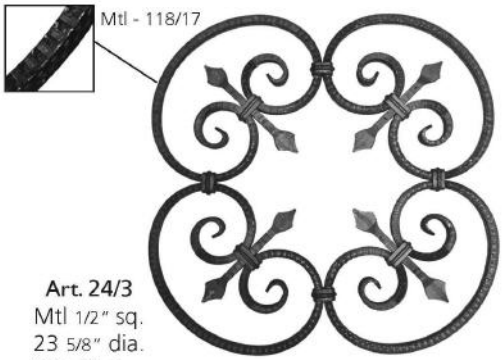
Art. 23/1
Mtl 3/8" x 3/16"
9 27/32" dia.
Wt. 1.7 lbs.

Art. 23/2
Mtl 3/8" x 3/16"
9 27/32" dia.
Wt. 2.3 lbs.

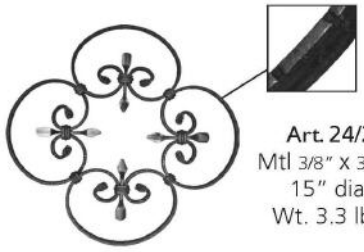
Art. 1019/2
Mtl 1/2" sq.
Mtl 9 13/32" dia.
Wt. 2.14 lbs.



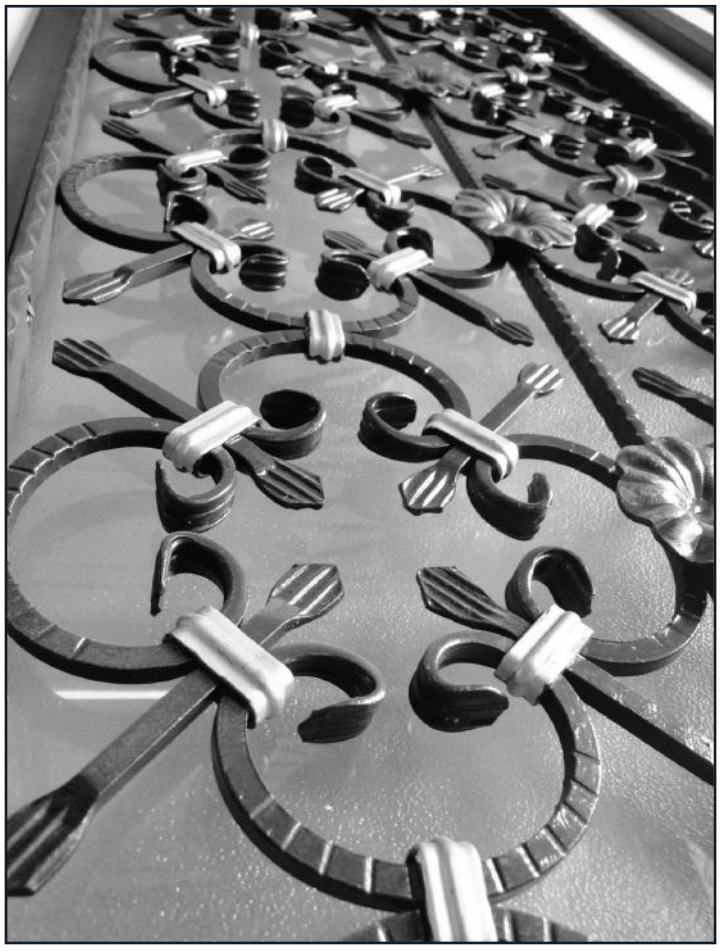
Art. 26/C/1
Mtl 1/2" sq.
W 16 15/16"
H 20 7/8"
Hammered bar
Floral element on one side only
Wt. 9.8 lbs.



Art. 24/3
Mtl 1/2" sq.
23 5/8" dia.
Wt. 13 lbs.

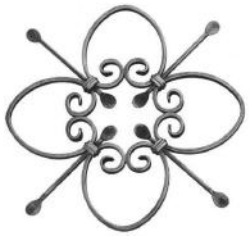


Art. 24/2
Mtl 3/8" x 3/16"
15" dia.
Wt. 3.3 lbs.

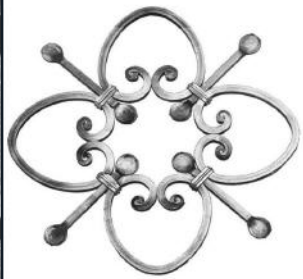




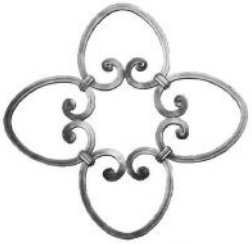
Art. 1009/1
Mtl 1/2" x 1/4"
14 3/16" dia.
Wt. 2.7 lbs.



Art. 1009/2
Mtl 1/2" x 1/4"
16 15/16" dia.
Wt. 3.5 lbs.

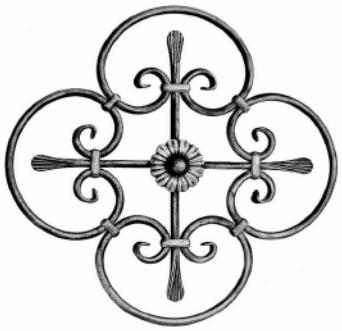


Art. 1010/1
Mtl 1/2" sq.
19 5/16" dia.
Wt. 8.3 lbs.

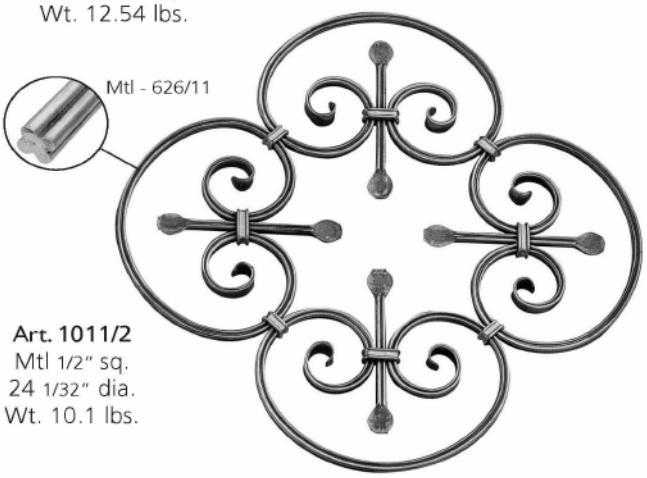


Art. 1010/2
Mtl 1/2" sq.
17 17/32" dia.
Wt. 6.6 lbs.

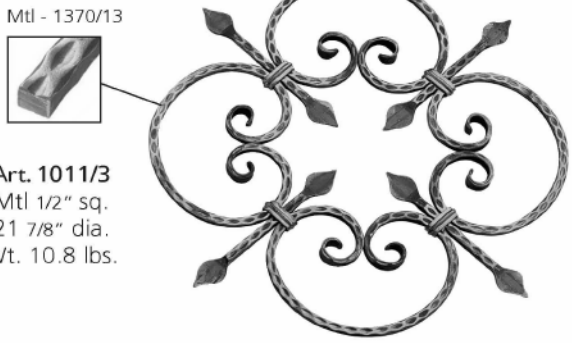

Shown: 26/C/1


Art. 446/4
Mtl 9/16" dia.
22 1/4" dia.
Floral element on one side only
Wt. 12.54 lbs.


Art. 451/1
Mtl 5/16" sq.
22 21/32" dia.
Wt. 6.4 lbs.



Art. 1011/2
Mtl 1/2" sq.
24 1/32" dia.
Wt. 10.1 lbs.

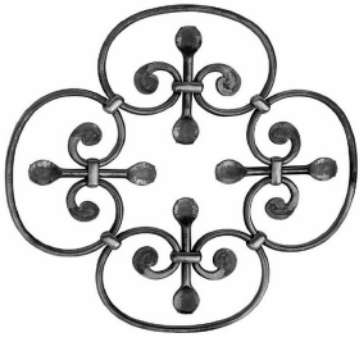


Art. 1011/3
Mtl 1/2" sq.
21 7/8" dia.
Wt. 10.8 lbs.


Art. 24/B/1
Mtl 1/2" x 1/4"
18 1/8" dia.
Wt. 4.4 lbs.

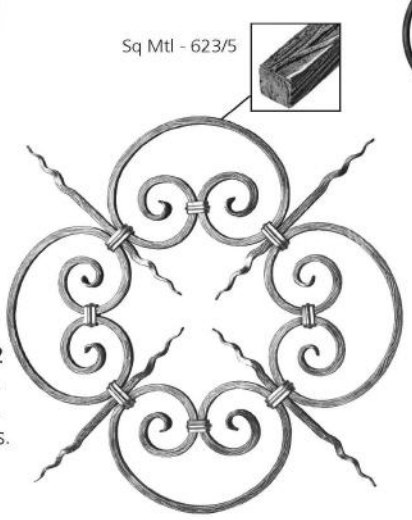

Art. 1014/2
Mtl 1/2" dia.
Mtl 10 5/8" dia.
Wt. 3.4 lbs.


Art. 1010/3
Mtl 1/2" sq.
11 7/16" dia.
Wt. 4.4 lbs.

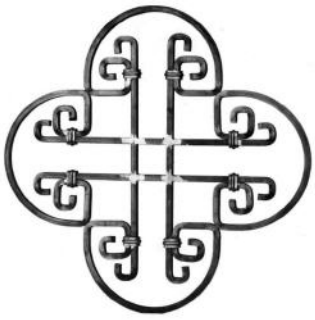

Art. 1011/1
Mtl 3/8" dia.
17 5/16" dia.
Wt. 5.7 lbs.



Art. 1012/1
Mtl 1/2" dia.
22 1/16" dia.
Wt. 11.44 lbs.

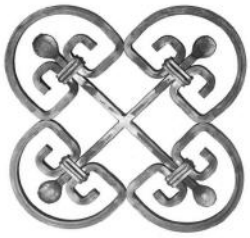


Art. 1012/2
Mtl 1/2" sq.
23 3/4" dia.
Wt. 13.5 lbs.



Art. 1028/2
Mtl 1/2" sq.
24 13/16" dia.
Wt. 16.1 lbs.

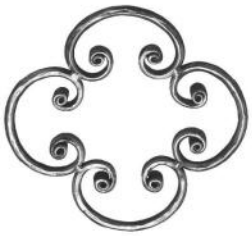




Art. 1028/1
Mtl 1/2" sq.
16 17/32" dia.
Wt. 8.65 lbs.



Art. 1017/3
Mtl 1/2" dia.
Mtl 8 21/32" dia.
Wt. 3.32 lbs.



Art. 1017/4
Mtl 1/2" dia.
Mtl 10 27/32" dia.
Wt. 2.81 lbs.

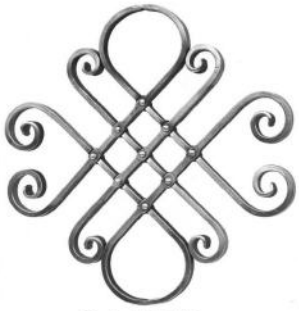


Art. 460/1
Mtl 1/2" sq.
W 18 1/8" x H 21 21/32"
Wt. 11 lbs.

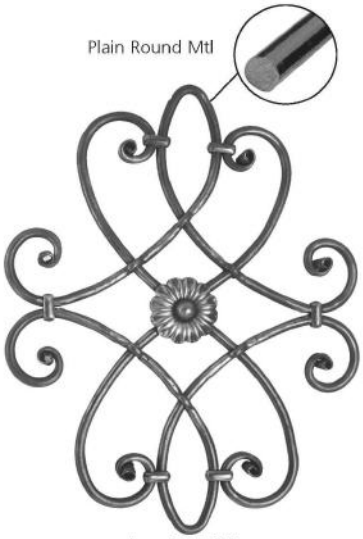


Art. 52/H/3
Mtl 1/2"x 1/4"
W 4 3/4" x H 11 13/16"
Wt. 1.2 lbs.

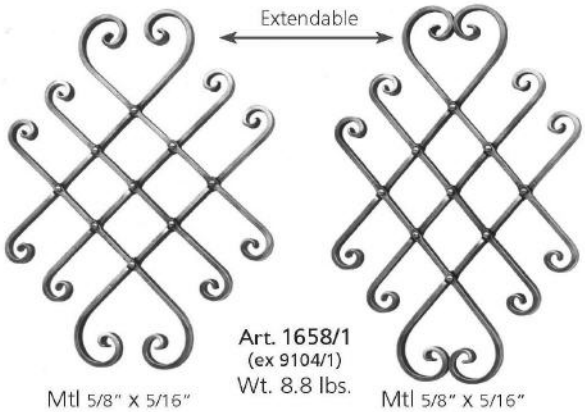




Art. 1657/1
(ex 9104/2)
Mtl 5/8" x 5/16"
W 16 5/32" x H 15 3/4"
Wt. 6.6 lbs.



Art. 1641/1
(ex 9104/3)
Mtl 9/16" dia.
W 18 23/32" x H 24"
Wt. 13.2 lbs.



Art. 1658/1
(ex 9104/1)
Wt. 8.8 lbs.

Mtl 5/8" x 5/16"
H 22 27/32"
W 17 5/16"

Mtl 5/8" x 5/16"
H 24 13/32"
W 15"





Art. 1013/1
Mtl 1/2" dia.
11 5/8" dia.
Wt. 5.3 lbs.



Art. 1013/2
Mtl 1/2" sq.
11 5/8" dia.
Wt. 6.6 lbs.



Art. 1652/1
(ex 9104/6)
Mtl 1/2" x 1/4"
9 27/32" dia.
Wt. 1.8 lbs.



Art. 1653/1
(ex 9104/7)
Mtl 1/2" x 1/4"
9 27/32" dia.
Wt. 1.9 lbs.



Art. 1653/2
(ex 9104/8)
Mtl 1/2" x 1/4"
9 27/32" dia.
Wt. 1.6 lbs.

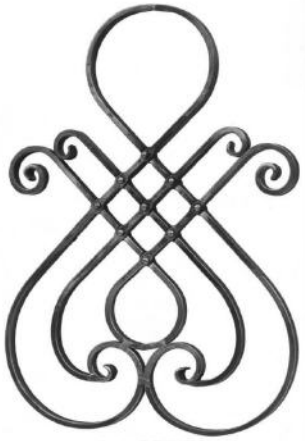


Art. 1652/5
(ex 9104/8)
Mtl 1/2" x 1/4"
9 27/32" dia.
Wt. 2.31 lbs.

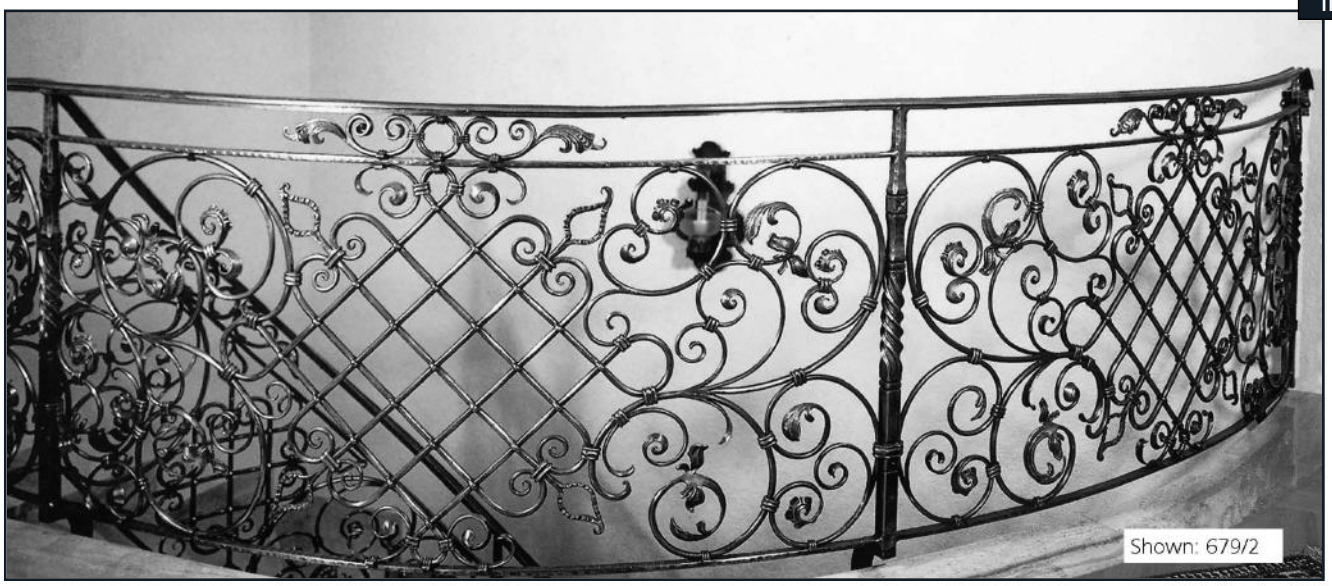


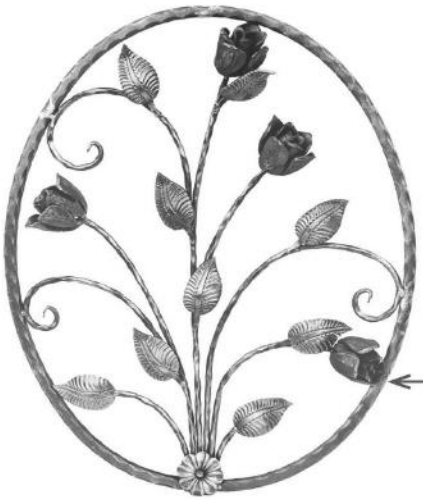
Art. 1659/1
(ex 9104/4)
Mtl 9/16" sq.
17 23/32" dia.
Wt. 15 lbs.





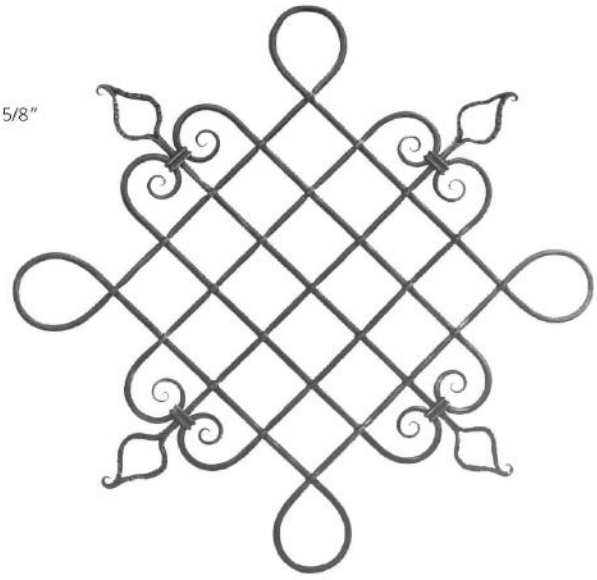
Art. 1657/4
(ex 9104/5)
Mtl 5/8" x 5/16"
W 15 3/4" x H 22 21/32"
Wt. 8.8 lbs.





Art. 720/1
Mtl 9/16"
W 20 1/4" x H 26 3/8"
Wt. 15.4 lbs.

Art. 679/2
Mtl 1/2" dia.
W 32 5/8" x H 32 5/8"
Wt. 15.8 lbs.





Art. 140/I/3
Mtl 5/32"
H 2 11/16"
Wt. 0.9 lbs



Art. 719/1
Mtl 9/16"
W 20 1/4" x H 26 3/8"
Wt. 15 lbs.



Art. 720/2
Mtl 1/2" x 1/4"
16 11/32" dia.
Wt. 5.7 lbs.

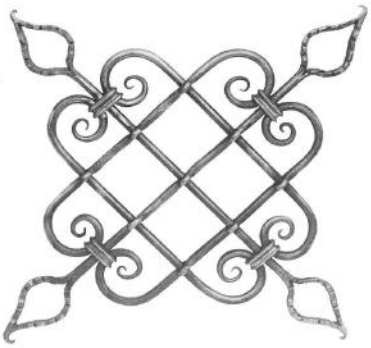
IND 29

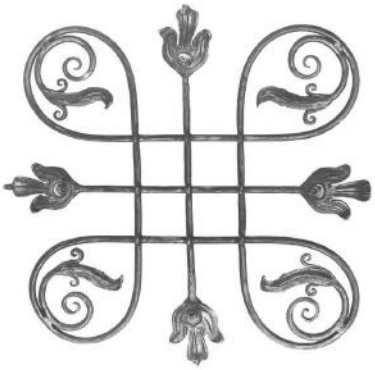




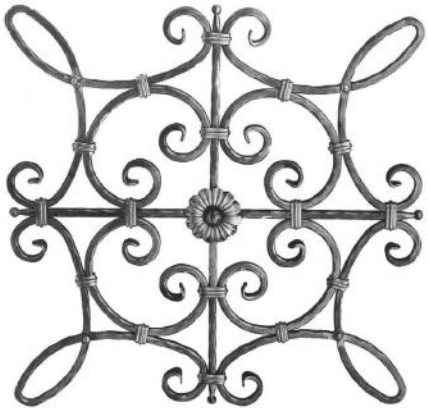
Art. 685/4
Mtl 1/2" dia.
W 9 7/16" x H 23 1/4"
Wt. 5 lbs.

Art. 679/1
Mtl 1/2" dia.
W 18" x H 18"
Wt. 7.6 lbs.





Art. 679/3
Mtl 1/2" dia.
W 24 13/16"
H 24 13/16"
Wt. 12.14 lbs.



Art. 480/1
Mtl 1/2" sq.
W 26" x H 26"
Wt. 23 lbs.



Art. 719/2
Mtl 5/8" x 5/16"
W 25 3/16" x H 27 15/16"
Wt. 15.8 lbs.
single sides

Unbreakable Snap-Ons for 1/2" bar or tube

Steel snap-ons add elegance and style to even the simplest design. They will not break like cast iron. Also, the coatings or patinas apply equally to all of the steel components



Art. 35/1
Mtl 1/2" x 1/4"
W 8 1/16" x H 17 1/2"
Wt. 2.7 lbs.



Art. 35/2
Mtl 1/2" x 1/4"
W 7 7/8" x H 13 9/16"
Wt. 2.1 lbs.



Art. 36/1
Mtl 1/2" x 1/4"
W 8 11/16" x H 9 27/32"
Wt. 1.7 lbs.

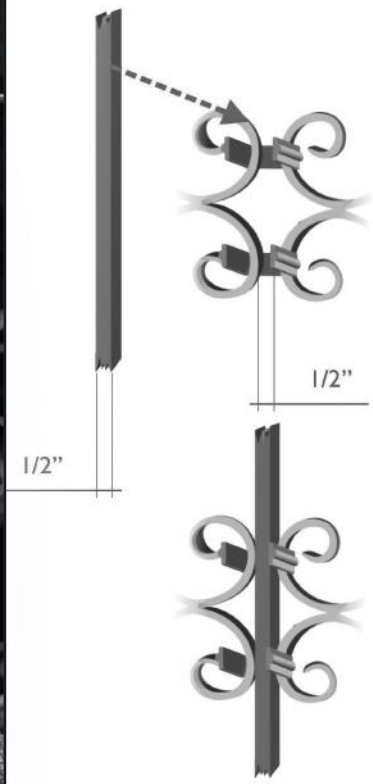


Art. 36/2
Mtl 1/2" x 1/4"
W 9 1/16" x H 15"
Wt. 2.8 lbs.



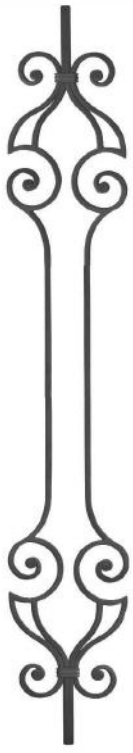
Art. 37/3
Mtl 1/2" x 1/4"
W 3 3/4" x H 3 3/4"
Wt. 0.6 lbs.





New Items New Items





Art. GD150/2
Mtl 9/16" sq.
W 8 3/32" x H 39 3/8"
Wt. 8.8 lbs.

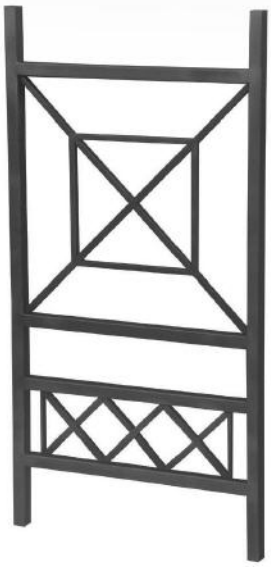


Art. GD150/3
Mtl 9/16" sq.
W 7 1/2" x H 39 3/8"
Wt. 8.14 lbs.

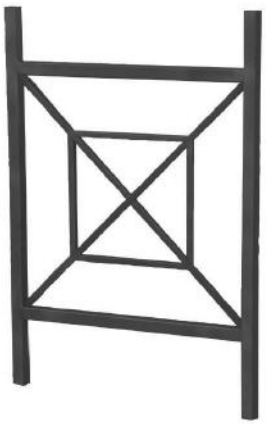


Art. GD151/1
Mtl 9/16" sq.
W 8 3/32" x H 39 3/8"
Wt. 8.5 lbs.

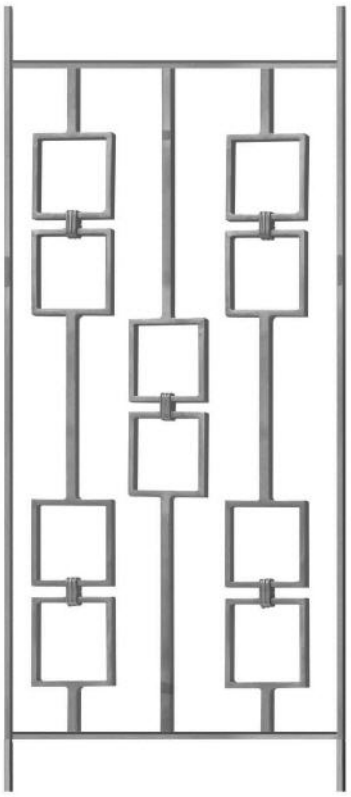
Art. GD76/1
Mtl 1" sq.
W 19 11/16" x H 39 3/8"
Wt. 23.1 lbs.



Art. GD76/2
Mtl 1" sq.
W 19 11/16" x H 27 9/16"
Wt. 15.4 lbs.



New Items New Items



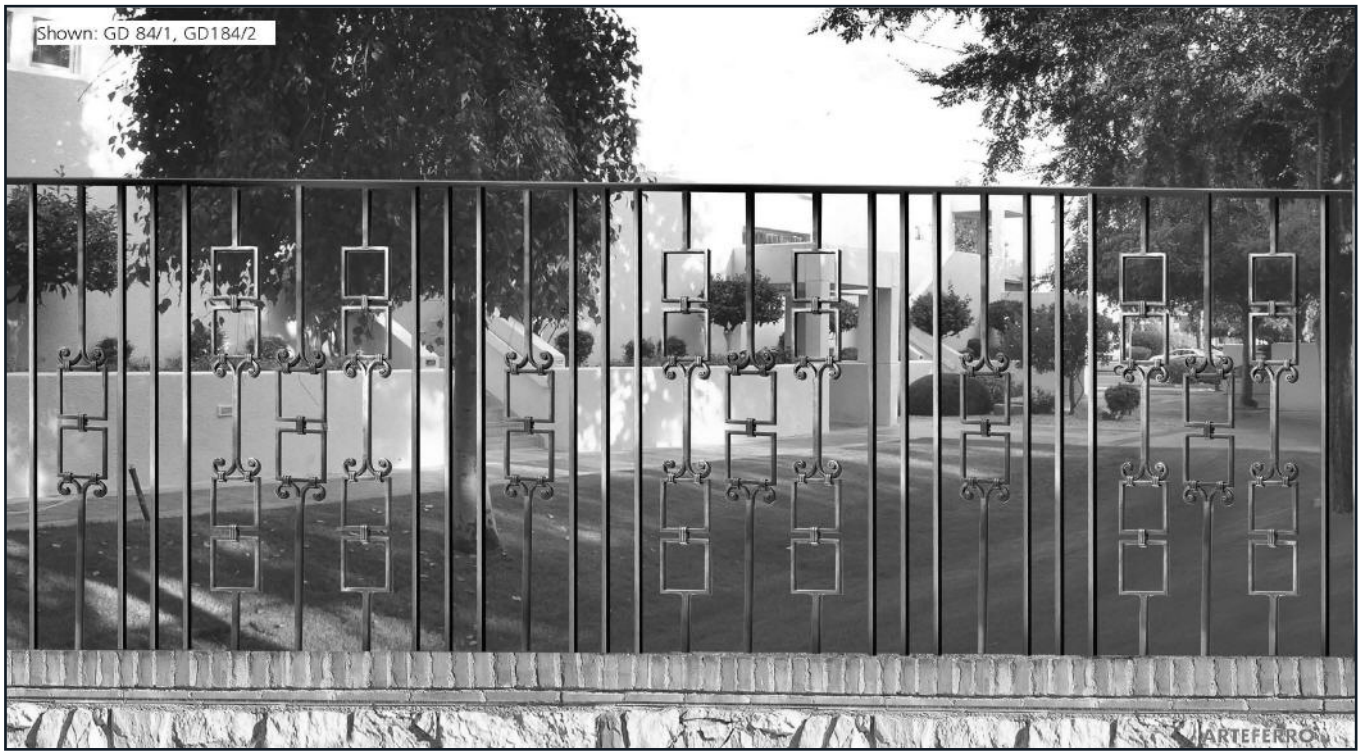
Art. GD183/1
Mtl 9/16"x 5/16" sq.
W 15 3/4" x H 39 3/8"
Wt. 17.38 lbs.



Art. GD184/1
Mtl 9/16" sq.
W 4 17/32" x H 39 3/8"
Wt. 5.10 lbs.



Art. GD184/2
Mtl 9/16" sq.
W 4 17/32" x H 39 3/8"
Wt. 6.02 lbs.



New Items





Art. GD99/1
Mtl 5/8" x 5/16"
W 16 9/16" x H 39 3/8"
Wt. 22.9 lbs



Art. GD175/7
Mtl 9/16" x 5/16"
W 7 7/8" x H 39 3/8"
Wt. 8.4 lbs



Art. GD245/1
Mtl 9/16" x 5/16"
W 13" x H 39 3/8"
Wt. 13.6 lbs



Art. GD245/2
Mtl 9/16" x 5/16"
W 13" x H 39 3/8"
Wt. 14.3 lbs

New Items

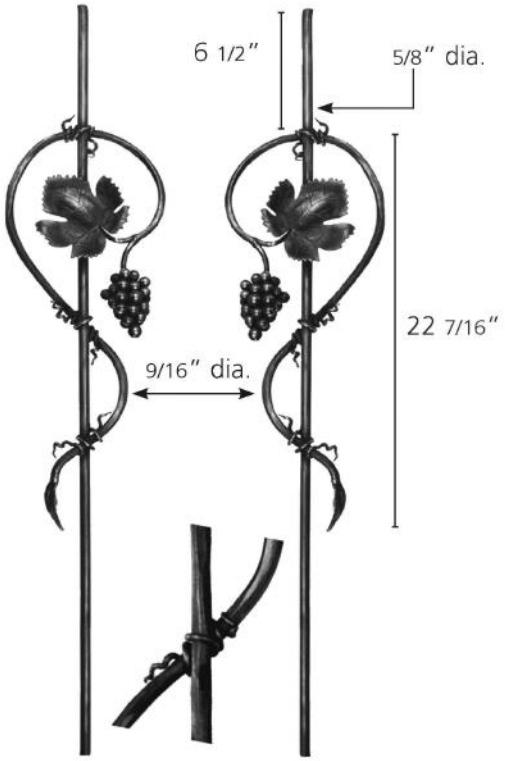




Tree bark effect -
Art. 599/2

Art. 485/1
Mtl 3/8" dia.
W 14 9/16" x H 35 7/16"
Wt. 11.24 lbs





Art. GD0039 left **Art. GD0040 right**
Mtl 5/8" dia.
W 8 11/16" x H 45 1/4"
Wt. 8.0 lbs.



Art. 1670/2
Mtl 1/2" x 1/4"
W 13 25/32" x H 34 1/4"
Wt. 7.3 lbs



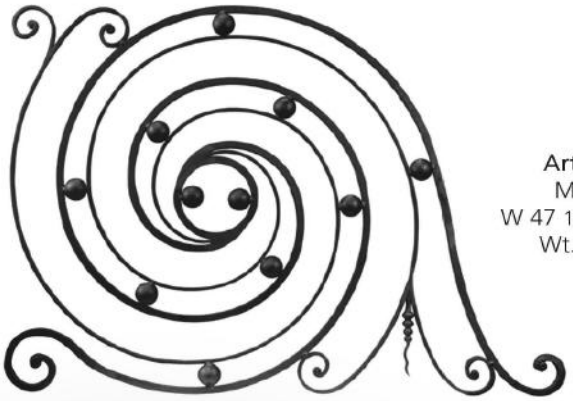
Art. 1671/6
Mtl 1/2" x 1/4"
W 7 11/16" x H 17 1/8"
Wt. 2.7 lbs

New Items



Art. GD0042
Mtl 5/8" sq.
W 59 13/16" x H 33 7/8"
Wt. 47.62 lbs.





Art. GD0041
Mtl 5/8" sq.
W 47 1/4" x H 33 7/8"
Wt. 42.64 lbs.



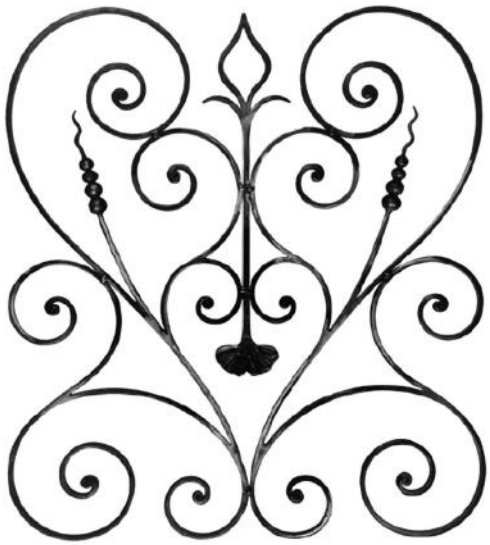
Art. GD0045
Mtl 9/16" dia.
W 10" x H 34 5/8"
Wt. 10.80 lbs.



Art. GD0046
Mtl 9/16" dia.
W 10" x H 31 7/8"
Wt. 9.90 lbs.



New Items



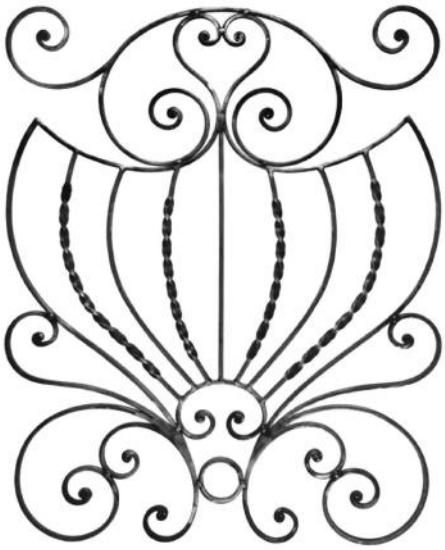
Art. GD0044
Mtl 5/8" x 5/16" sq.
W 26" x H 29 15/16"
Wt. 21.10 lbs.



Art. GD0043
Mtl 5/8" x 5/16"
H 37 13/16"
W 11 13/16"
Wt. 9.41 lbs.



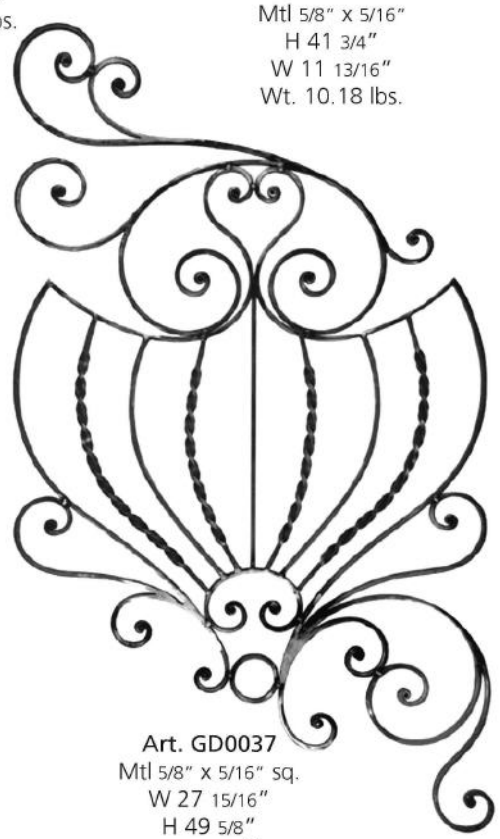
Art. GD0047
Mtl 5/8" x 5/16"
H 41 3/4"
W 11 13/16"
Wt. 10.18 lbs.



Art. GD0038
Mtl 5/8" x 5/16" sq.
W 27 15/16"
H 35 7/16"
Wt. 27.56 lbs.



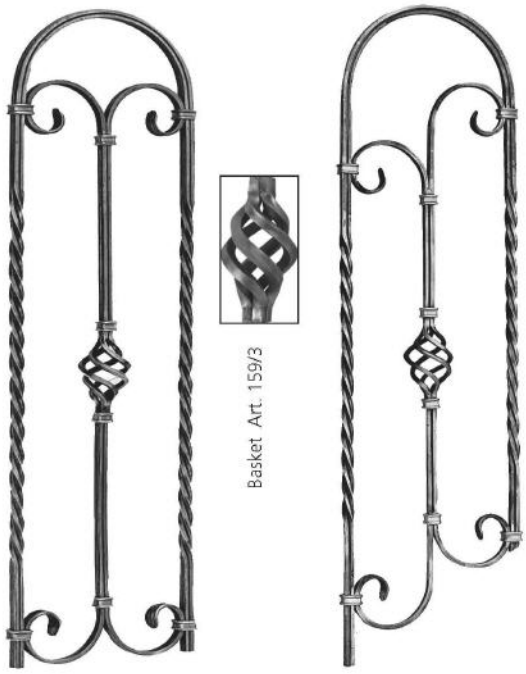
Art. GD0036
Mtl 5/8" x 5/16" sq.
W 12 3/16"
H 31 7/8"
Wt. 9.66 lbs.



Art. GD0037
Mtl 5/8" x 5/16" sq.
W 27 15/16"
H 49 5/8"
Wt. 28.50 lbs.

IND 40

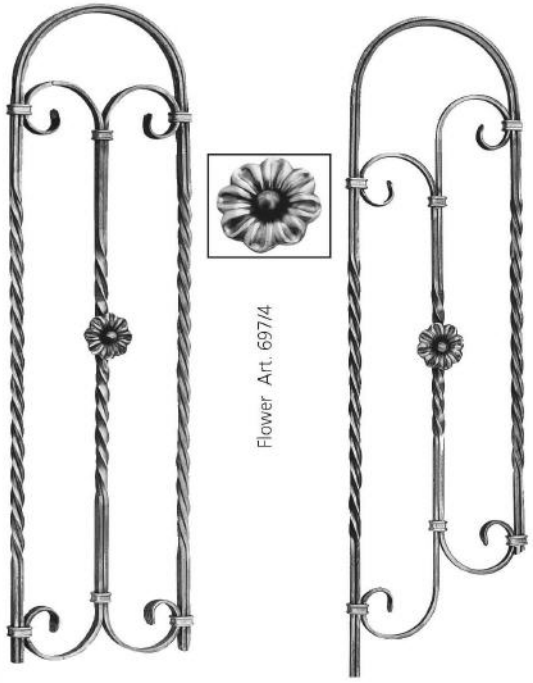




Basket Art. 159/3

Art. 464/1
Mtl 1/2" sq.
W 9 1/16" x H 35 7/16"
Wt. 7.2 lbs.

Art. 464/2
Mtl 1/2" sq.
W 9 1/16 x H 35 7/16"
Wt. 6.7 lbs.



Flower Art. 697/4

Art. 464/3
Mtl 1/2" sq.
W 9 1/16" x H 35 7/16"
Wt. 7.2 lbs.

Art. 464/4
Mtl 1/2" sq.
W 9 1/16" x H 35 7/16"
Wt. 6.7 lbs.



Art. GD39/1
Mtl 1/2" dia.
W 7 7/8" x H 39 3/8"
Wt. 6.3 lbs.



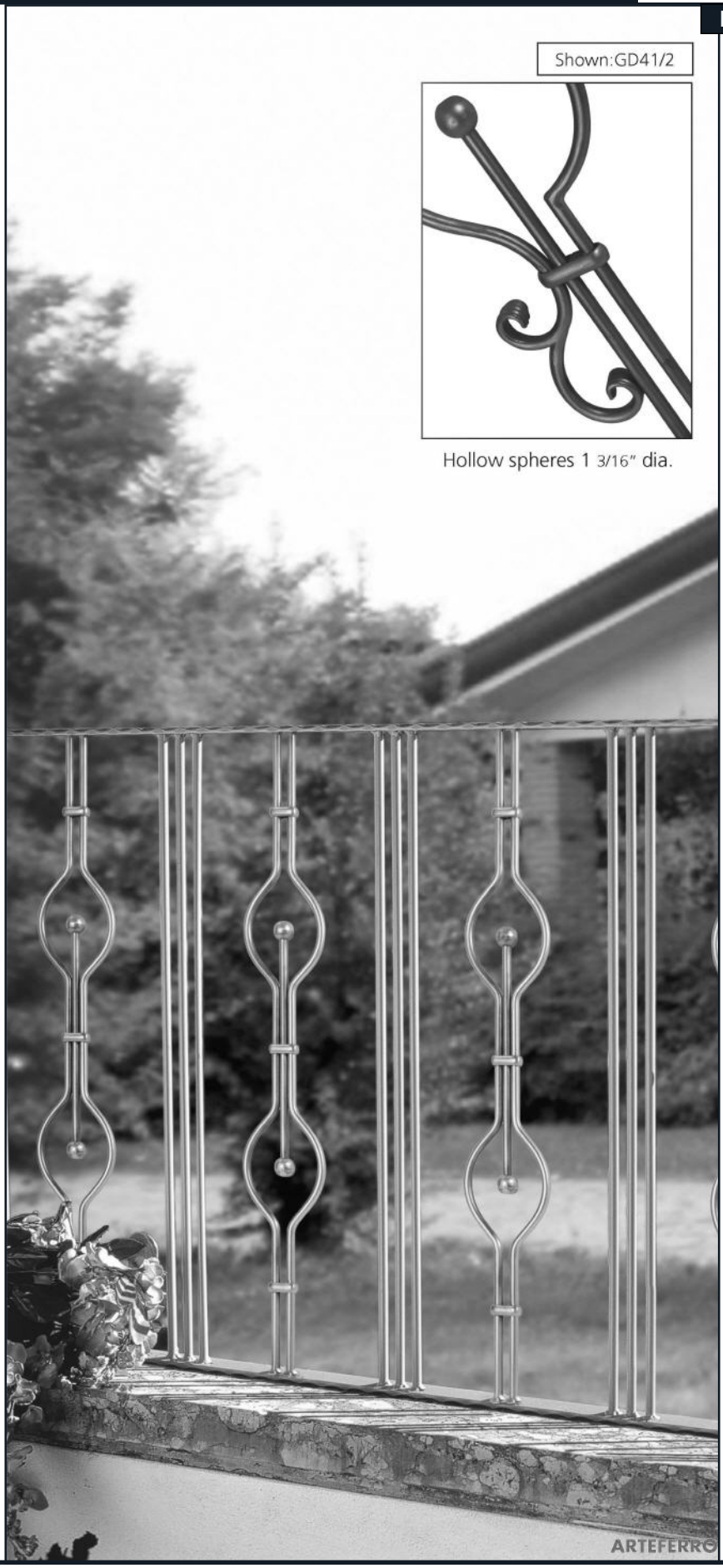
Art. GD39/2
Mtl 1/2" dia.
W 2 23/64" x H 39 3/8"
Wt. 5.6 lbs.



Art. GD39/3
Mtl 1/2" dia.
W 7 1/2" x H 39 3/8"
Wt. 5.13 lbs.



Art. GD41/2
Mtl 1/2" dia.
W 5 1/8" x H 39 3/8"
Wt. 5.1 lbs.



IND 42





Plain

Art. 1670/1
(ex 8021/1)
Mtl 1/2"x 1/4"
W 14 3/16"
H 39 3/8"
Wt. 8.4 lbs.



Hammered

Art. 1671/3
(ex 8021/3)
Mtl 1/2"x 1/4"
W 13 25/32"
H 34 1/4"
Wt. 7.3 lbs.



Plain
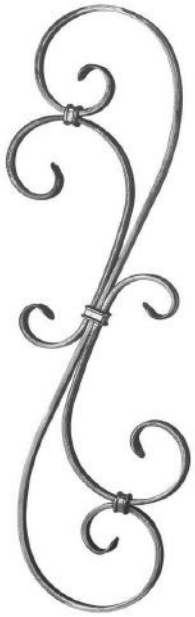
Art. 52/1
Mtl 1/2"x 1/4"
W 13 3/4"
H 34 1/4"
Wt. 5.5 lbs.





Plain

Art. 541/2
Mtl 9/16" dia.
W 13 13/32"
H 35 7/16"
Wt. 11 lbs.



Art. 1051/5
Mtl 1/2"X 1/4"
W 7 9/32"
H 23 5/8"
Wt. 3.52 lbs.



Art. 1051/4
Mtl 1/2"X 1/4"
W 5 29/32"
H 15 3/4"
Wt. 2.2 lbs.



Ornate Floral Panels



Art. 685/3
Mtl 1/2" dia.
W 9 15/32"
H 23 1/4"
Wt. 5 lbs.



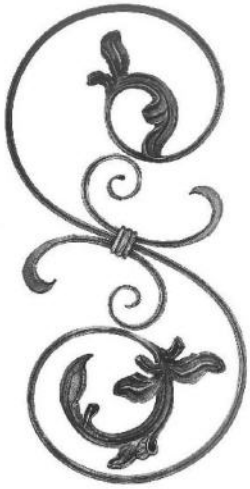
Art. 685/4
Mtl 1/2" dia.
W 9 15/32"
H 23 1/4"
Wt. 5 lbs.



Art. 685/5
Mtl 1/2" dia.
W 14 3/16"
H 31 29/32"
Wt. 9.02 lbs.



Art. 685/6
Mtl 1/2" dia.
W 14 3/16"
H 31 29/32"
Wt. 9.02 lbs.



Art. 681/1
Mtl 5/8" x 5/16"
W 10 5/8"
H 23 5/8"
Wt. 7.2 lbs.
Grooved



Art. 681/2
Mtl 5/8" x 5/16"
W 10 5/8"
H 23 5/8"
Wt. 7.2 lbs.
Grooved



Art. 681/3
Mtl 5/8" x 5/16"
W 12 19/32"
H 29 1/8"
Wt. 11 lbs.
Grooved



Art. 681/4
Mtl 5/8" x 5/16"
W 12 19/32"
H 29 1/8"
Wt. 11 lbs.
Grooved



Art. 687/3
Mtl 1/2" dia.
W 4 3/4" x H 6 11/16"
Wt. 1.3 lbs.
Grooved



Art. 687/6
Mtl 1/2" dia.
W 4 3/4" x H 6 11/16"
Wt. 1.3 lbs.
Grooved





Art. 682/10
Mtl 5/8" x 5/16"
W 11 13/16" x H 15 3/4"
Wt. 3.3 lbs.
Grooved



Art. 682/11
Mtl 5/8" x 5/16"
W 11 13/16" x H 15 3/4"
Wt. 3.3 lbs.
Grooved



Art. 681/7
Mtl 5/8" x 5/16"
W 13" x H 16 5/16"
Wt. 4.7 lbs.
Grooved



Art. 681/8
Mtl 5/8" x 5/16"
W 13" x H 16 5/16"
Wt. 4.7 lbs.
Grooved



Art. 681/5
Mtl 5/8" x 5/16"
W 9 15/32" x H 11 13/16"
Wt. 3 lbs.
Grooved



Art. 681/6
Mtl 5/8" x 5/16"
W 9 15/32" x H 11 13/16"
Wt. 3 lbs.
Grooved



Art. 682/1
Mtl 5/8" x 5/16"
W 9 15/32" x H 18 1/8"
Wt. 3.5 lbs.
Grooved



Art. 682/2
Mtl 5/8" x 5/16"
W 9 15/32" x H 18 1/8"
Wt. 3.5 lbs.
Grooved



Ornate Floral Panels



Art. 94/C/11
Mtl 1/2" dia.
W 13"
H 14 5/16"
Wt. 3.5 lbs.



Art. 94/C/12
Mtl 1/2" dia.
W 13"
H 14 5/16"
Wt. 3.5 lbs.

Art. 94/E/3
Mtl 1/2" dia.
W 12 7/32"
H 21 1/4"
Wt. 3 lbs.



Art. 94/E/4
Mtl 1/2" dia.
W 12 7/32"
H 21 1/4"
Wt. 3 lbs.





Art. 94/E/1
Mtl 1/2" dia.
W 17 5/16"
H 18 1/8"
Wt. 4.9 lbs.



Art. 94/E/2
Mtl 1/2" dia.
17 5/16" W x
18 1/8" H
Wt. 4.9 lbs.

Art. 94/E/5
Mtl 1/2" dia.
W 16 5/32"
H 24 13/32"
Wt. 4.4 lbs.



Art. 94/E/6
Mtl 1/2" dia.
W 16 5/32"
H 24 13/32"
Wt. 4.4 lbs.



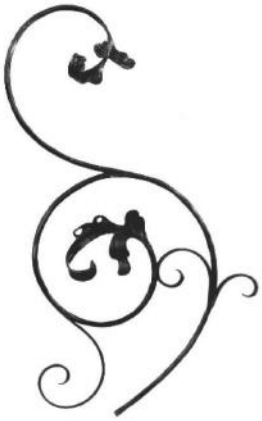




Art. 94/F/1
Mtl 1/2" dia.
W 12 19/32"
H 27 3/16"
Wt. 3.8 lbs.



Art. 94/F/2
Mtl 1/2" dia.
W 12 19/32"
H 27 3/16"
Wt. 3.8 lbs.



Art. 94/F/3
Mtl 1/2" dia.
W 19 5/16"
H 31 1/2"
Wt. 5.5 lbs.



Art. 94/F/4
Mtl 1/2" dia.
W 19 5/16"
H 31 1/2"
Wt. 5.5 lbs.



Art. 94/F/5
Mtl 1/2" dia.
W 16 17/32"
H 38 3/16"
Wt. 6.1 lbs.



Art. 94/F/6
Mtl 1/2" dia.
W 16 17/32"
H 38 3/16"
Wt. 6.1 lbs.



Stair and Rail Panels



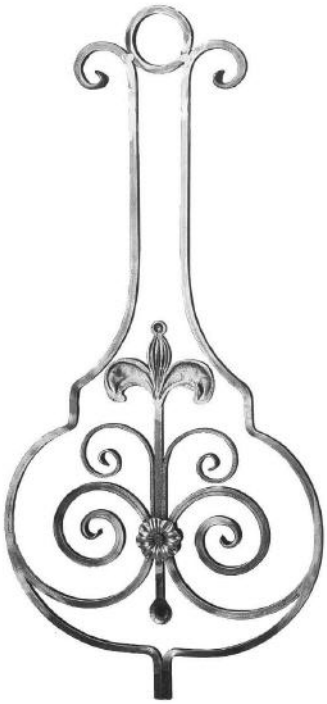
Art. 1046/1
Mtl 1/2" sq.
W 9 27/32"
H 35 7/16"
Wt. 9.2 lbs.



Art. 1046/2
Mtl 1/2" sq.
W 7 7/8"
H 35 7/16"
Wt. 6.6 lbs.



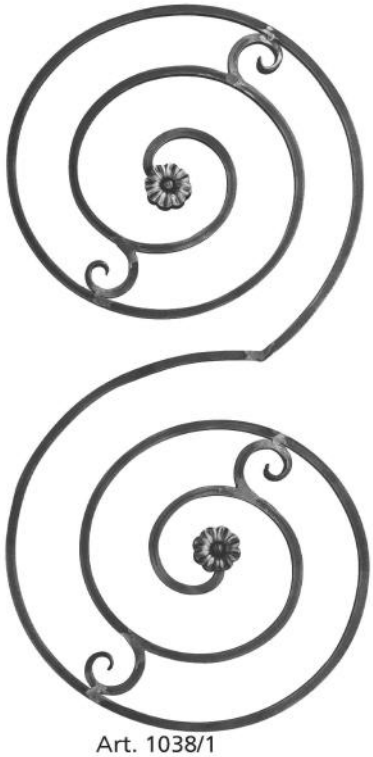
Art. 1043/1
Mtl 1/2" sq.
W 8 9/32"
H 40 9/16"
Wt. 7.7 lbs.



Art. 1043/2
Mtl 1/2" sq.
W 19 5/16"
H 40 9/16"
Wt. 15 lbs.



Large Panels



Art. 1038/1
Mtl 9/16"
W 20 25/32"
H 42 1/2"
Plain
Wt. 18.7 lbs.



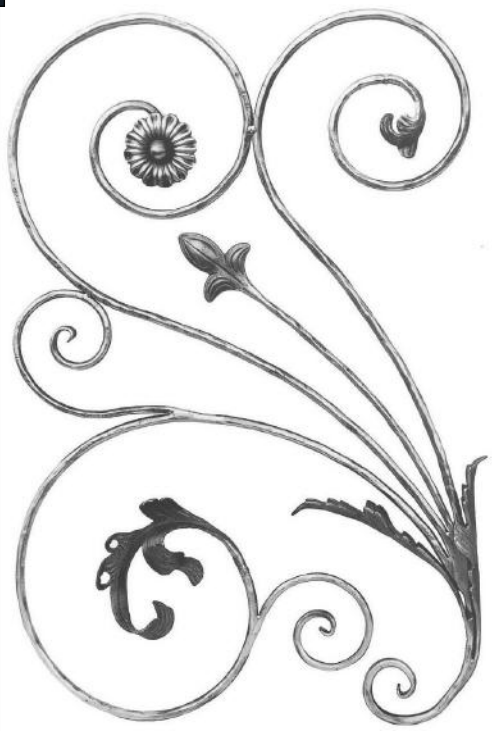
Art. 1039/1
Mtl 9/16" sq
W 22 7/16"
H 30"
Wt. 18.7 lbs.



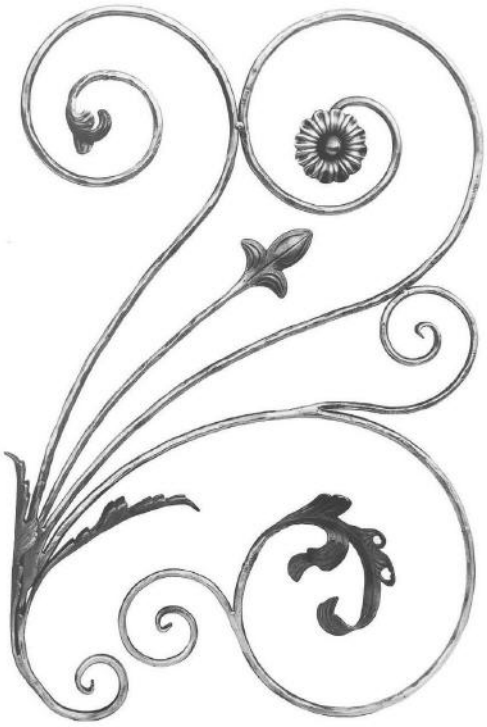
Art. 1038/2
Mtl 9/16"sq
W 22 25/32"
H 22 1/32"
Plain
Wt. 9.2 lbs.



Large Panels



Art. 715/1
Mtl 1/2" dia.
W 22 7/8"
H 34 5/8"
Hammered
Wt. 14.0 lbs.



Art. 715/2
Mtl 1/2" dia.
W 22 7/8"
H 34 5/8"
Hammered
Wt. 14.0 lbs.





Art. GD61/1
Mtl 1/2" sq.
W 16 7/8"
H 39 3/8"
Wt. 23.8 lbs.

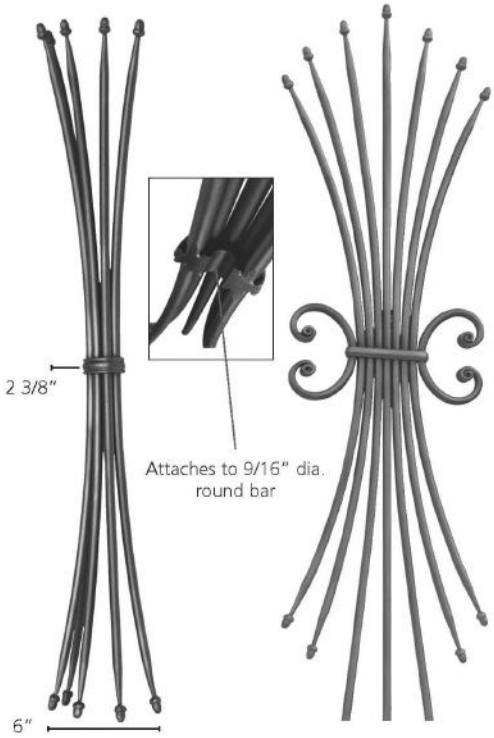


Art. GD212/1
Mtl 1/2" sq.
W 16 1/2"
H 39 3/8"
Wt. 21.6 lbs.



IND 52





Art. GD253/1
Mtl 1/2"dia.
W 6"
H 39 3/8"
Wt. 8.2 lbs.

Art. GD255/1
Mtl 1/2"dia.
W 11 7/16"
H 39 3/8"
Wt. 13.6 lbs.



Art. GD163/2
Mtl 9/16" x 5/16"
11 1/32" W x
39 3/8" H
Wt. 10.3 lbs.



Art. GD163/1
Mtl 9/16" x 5/16"
11 1/32" W x
39 3/8" H
Wt. 10.3 lbs.



Art. GD159/1
Mtl 9/16" x 5/16"
W 11 1/32"
H 39 3/8"
Wt. 8 lbs.



Art. GD159/2
Mtl 9/16" x 5/16"
W 11 1/32"
H 39 3/8"
Wt. 6.2 lbs.

Large Panels



Art. GD164/1
Mtl 9/16" x 5/16"
W 15"
H 39 3/8"
Wt. 14.1 lbs.



Art. GD164/2
Mtl 9/16" x 5/16"
W 15"
H 39 3/8"
Wt. 14.1 lbs.



Art. GD222/2
Mtl 9/16" x 5/16"
W 19 11/16"
H 39 3/8"
Wt. 21 lbs.



Art. GD223/1
Mtl 9/16" x 5/16"
W 10 13/16"
H 39 3/8"
Wt. 12.3 lbs.



Large Panels



Art. GD0014
Mtl 5/8" x 5/16"
W 8 3/4" approx.
H 29 15/16" approx.
Wt. 9.9 lbs.



Art. GD0013
Mtl 5/8" x 5/16"
W 10 3/16" approx.
H 37 7/16" approx.
Wt. 16.5 lbs.

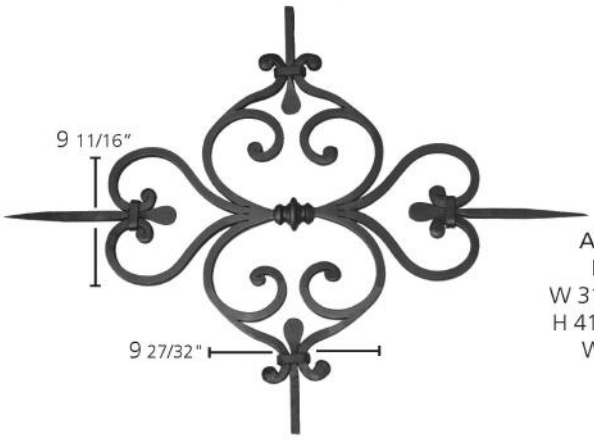


Art. GD009
Mtl 5/8" x 5/16"
W 9 9/16" approx.
H 29 5/16" approx.
Wt. 12.6 lbs.

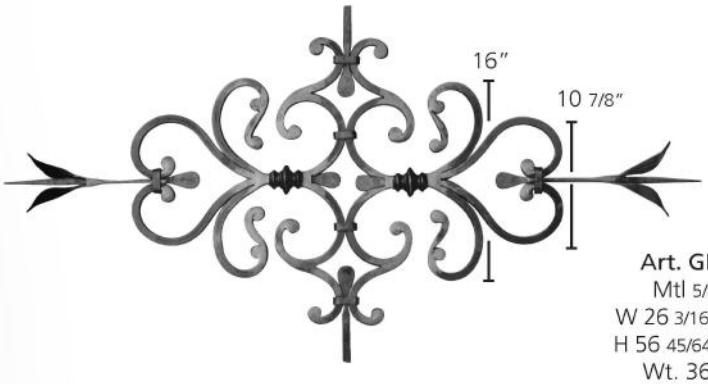


Art. GD008
Mtl 5/8" x 5/16"
W 9 9/16" approx.
H 37 7/16" approx.
Wt. 12.1 lbs.

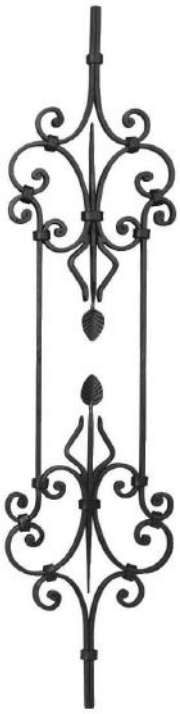




Art. GD0011
Mtl 5/8" sq.
W 31 57/64" approx.
H 41 11/32" approx.
Wt. 24.7 lbs.



Art. GD0010
Mtl 5/8" sq.
W 26 3/16" approx.
H 56 45/64" approx.
Wt. 36.8 lbs.



Art. GD0015
Mtl 1/2" x 1/4"
W 9 9/16" approx.
H 39 3/8" approx.
Wt. 7.5 lbs.



Art. GD0016
Mtl 5/8" x 5/16"
W 10 5/8" approx.
H 39 3/8" approx.
Wt. 12.3 lbs.



Art. GD0017
Mtl 5/8" x 5/16"
W 12 63/63" approx.
H 37 13/64" approx.
Wt. 16.7 lbs.



Art. GD0018
Mtl 5/8" x 5/16"
W 12 63/63" approx.
H 36 7/32" approx.
Wt. 17 lbs.



13-46 Forged Pickets, Scrolls, & Railing

IND 56





Art. GD0020
Mtl 5/8" x 5/16"
W 12 39/64" approx.
H 44 7/8" approx.
Wt. 21.2 lbs.



Art. GD003
Mtl 5/8" x 5/16"
W 28 11/32" approx.
H 23 3/64" approx.
Wt. 18.5 lbs.

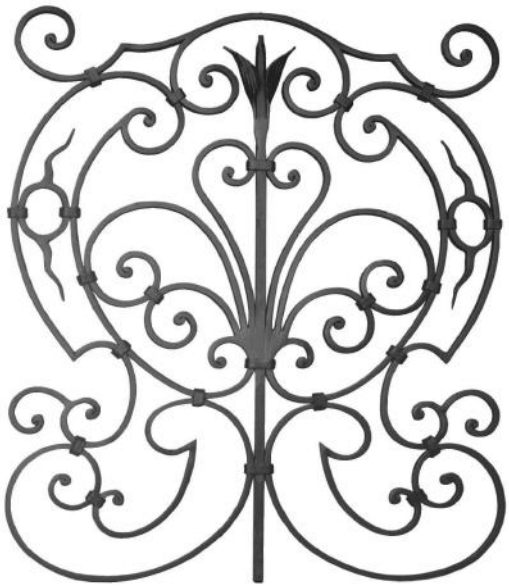


Art. GD0012
Mtl 5/8" x 5/16"
W 24 1/64" approx.
H 36 39/64" approx.
Wt. 36.8 lbs.

Large Panels



Art. GD007
Mtl 5/8" x 5/16"
W 28 47/64" approx.
H 30 5/16" approx.
Wt. 34.2 lbs.

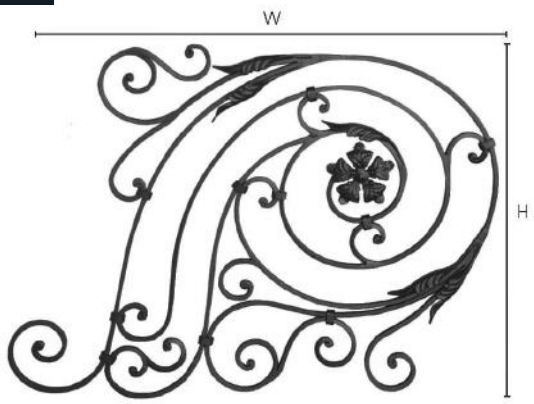


Art. GD006
Mtl 5/8" x 5/16"
W 31 1/2" approx.
H 37 7/16" approx.
Wt. 47 lbs.

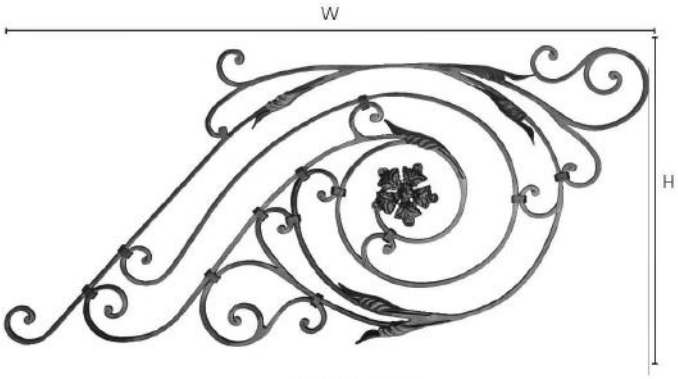


Art. GD0019
Mtl 5/8" x 5/16"
W 25 13/64" approx.
H 37 7/16" approx.
Wt. 37.5 lbs.



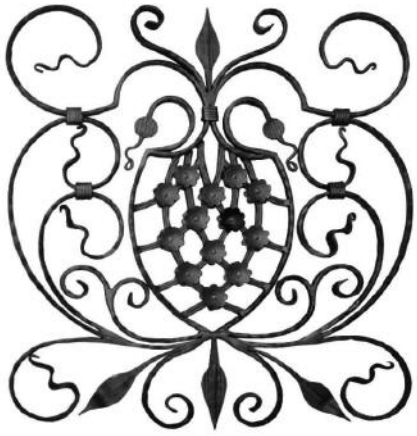


Art. GD004
Mtl 5/8" x 5/16"
W 30 5/16" approx.
H 40 35/64" approx.
Wt. 35.8 lbs.

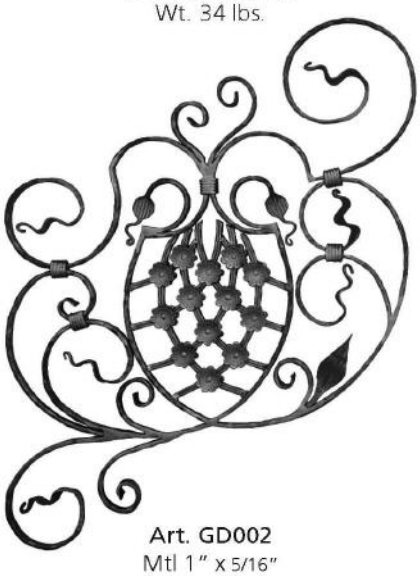


Art. GD005
Mtl 5/8" x 5/16"
W 55 21/64" approx.
H 26 3/8" approx.
Wt. 34 lbs.

Large Panels



Art. GD001
Mtl 1" x 5/16"
W 31 1/2" approx.
H 33 15/32" approx.
Wt. 48.1 lbs.



Art. GD002
Mtl 1" x 5/16"
W 31 7/64" approx.
H 30 5/16" approx.
Wt. 40.8 lbs.





Art. GD0033
Mtl 5/8" x 3/8"
W 3 15/16" approx.
H 5 1/8" approx.
Wt. 0.8 lbs.



Art. GD0022/SX
Mtl 3/4" x 3/8"
W 3 15/16" approx.
H 9 9/16" approx.
Wt. 1.5 lbs.

Art. GD0023/SX
Mtl 5/8" x 3/8"
W 3 15/16" approx.
H 9 9/16" approx.
Wt. 1.2 lbs.



Art. GD0022/DX
Mtl 3/4" x 3/8"
3 15/16" W approx.
x 9 9/16" H approx.
Wt. 1.5 lbs.

Art. GD0023/DX
Mtl 5/8" x 3/8"
3 15/16" W approx.
x 9 9/16" H approx.
Wt. 1.2 lbs.



Art. GD0034
Mtl 5/8" x 3/8"
W 12 1/4" approx.
H 9 7/16" approx.
Wt. 1.9 lbs.



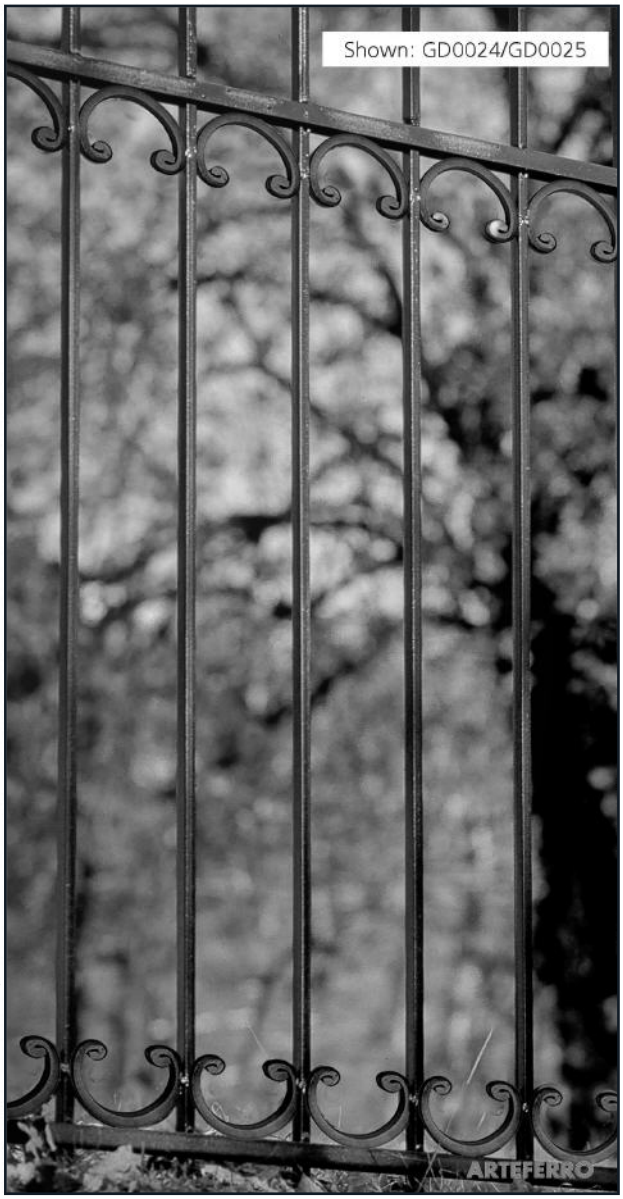
Art. GD0032
Mtl 5/8" x 3/8"
W 9 1/16" approx.
H 6 11/16" approx.
Wt. 2.4 lbs.



Art. GD0028
Mtl 5/8" x 3/8"
W 3 15/16" approx.
H 8 55/64" approx.
Wt. 1.5 lbs.



Art. GD0027
Mtl 5/8" x 3/8"
W 3 15/16" approx.
H 9 27/32" approx.
Wt. 1.65 lbs.





Art. GD0024
Mtl 5/8" x 3/8"
W 3 15/16" approx.
H 2 61/64" approx.
Wt. 0.66 lbs.

Art. GD0025
Mtl 5/8" x 3/8"
W 3 15/16" approx.
H 2 61/64" approx.
Wt. 0.66 lbs.



Art. GD0026
Mtl 5/8" x 3/8"
W 8 55/64" approx.
H 2 3/4" approx.
Wt. 1.0 lbs.



Art. GD0035
Mtl 5/8" x 3/8"
W 1 9/16" approx.
H 5 1/8" approx.
Wt. 0.4 lbs.

Stair and Rail Panels



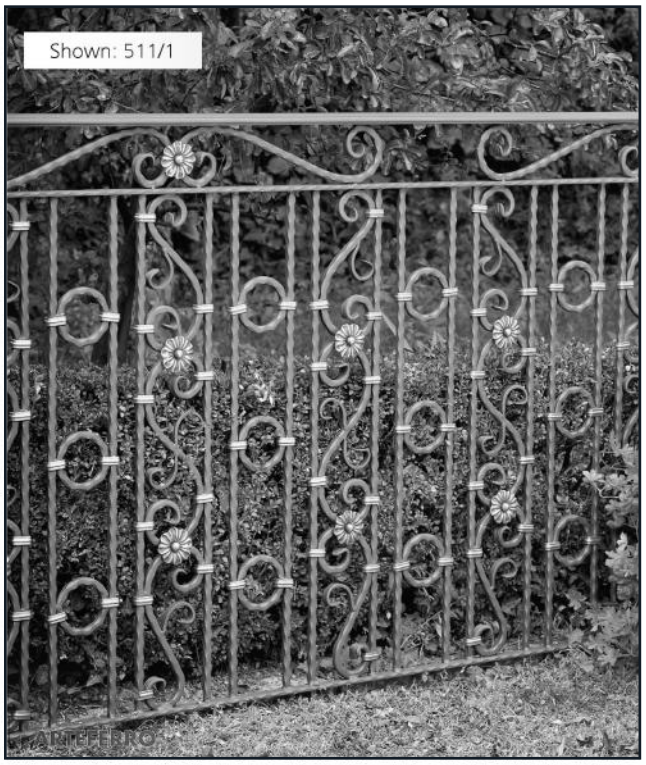
Art. 51/3
Mtl 1/2" sq.
W 11 13/16"
H 35 7/16"
Wt. 9.0 lbs.



Art. 511/1
Mtl 1/2" sq.
W 4 15/16"
H 33 7/16"
Wt. 5.4 lbs.



Art. 103/2
Mtl 1/2" sq.
W 6 1/2"
H 33 7/16"
Wt. 5.1 lbs.





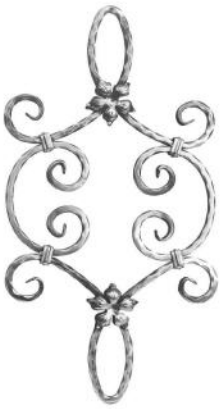


Art. 540/2
Mtl 1/2"dia.
W 9 7/8"
H 28 3/8"
Wt. 5.0 lbs.



Art. 62/1
Mtl 3/4"x 1/4"
W 9 1/4"
H 28 3/8"
Wt. 5.2 lbs.





Art. 474/1
Mtl 1/2"sq
W 14 31/32" x H 29 23/32"
Hammered
Wt. 10.6 lbs.

Comes With A Bronze Inlay



Art. 475/1
Mtl 1/2" sq.
W 15" x H 32 1/2"
Wt. 10 lbs.



Art. 479/2
Mtl 1/2" sq.
W 15 1/8" x H 35 7/16"
Wt. 10 lbs.



Art. 475/2
Mtl 1/2" sq.
W 15"
H 35 7/16"
Wt. 12 lbs.



Art. 476/1
Mtl 1/2" sq.
W 15"
H 35 7/16"
Wt. 14 lbs.

Comes With A Bronze Inlay



Art. 476/2
Mtl 1/2" sq.
W 15"
H 32 7/16"
Wt. 11 lbs.



Art. 478/1
Mtl 1/2" sq.
W 15"
H 32 1/2"
Wt. 10 lbs.

Comes With A Blue Glass Inlay



Art. 478/2
Mtl 1/2" sq.
W 15"
H 35 7/16"
Wt. 12 lbs.



Art. 479/1
Mtl 1/2"sq
W 4 5/16"
H 35 7/16"
Plain
Wt. 3.0 lbs.



End scrools are hot forged



Art. 1050/2
Mtl 3/8" sq.
W 9 5/8"
H 28 3/8"
Wt. 3.7 lbs.



Art. 1050/3
Mtl 9/16" sq.
W 10 7/16"
H 28 3/8"
Wt. 4.4 lbs.

Blue Glass Inlay



GLASS

Art. 478/3
3 5/16" dia.
Wt. .4 lbs



WOOD

Art. 745/1
3 7/8" dia.
Wt. .13 lbs



BRASS

Art. 160/H/N
3 7/8" dia.
Wt. .72 lbs

Brass, glass and wooden embellishments are recommended for inside use only.

Rail Panels



Art. 1142/1
Mtl 1/2" sq.
W 7 3/32"
H 39 3/8"
Wt. 8.1 lbs.



Art. 1142/2/S
Mtl 1/2" sq.
W 11 1/32"
H 39 3/8"
Wt. 11.4 lbs.



Art. 1115/1
Mtl 1/2" sq.
W 4 1/8"
H 39 3/8"
Wt. 2.0 lbs.



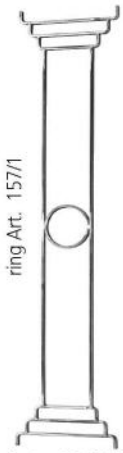
Art. 1115/2
Mtl 1/2" sq.
W 4 1/8"
H 39 3/8"
Wt. 2.8 lbs.



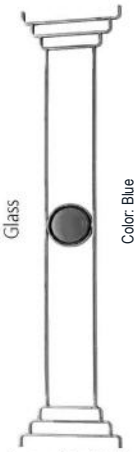
Art. 1111/1
Mtl 1/2" sq.
W 9 7/16"
H 39 3/8"
Wt. 6.1 lbs.



Art. 1111/2
Mtl 1/2" sq.
W 8 1/6"
H 39 3/8"
Wt. 6.0 lbs.



Art. 1118/1
Mtl 1/2"x 1/4"
W 8 7/16"
H 39 3/8"
Wt. 4.0 lbs.



Art. 1118/2
Mtl 1/2"x 1/4"
W 8 7/16"
H 39 3/8"
Wt. 4.0 lbs.





Art. 1120/1
Mtl 1/2"x 1/4"
W 10 5/8"
H 39 3/8"
Wt. 5.2 lbs.



Art. 1118/3
Mtl 1/2"x 1/4"
W 8 7/16"
H 39 3/8"
Wt. 4.0 lbs.



Art. 1118/4
Mtl 1/2"x 1/4"
W 8 7/16"
H 39 3/8"
Wt. 4.0 lbs.



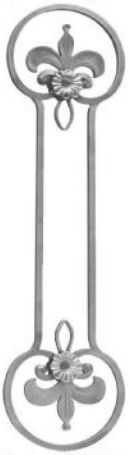
Art. 1097/1
Mtl 1/2" sq.
W 12"
H 39 3/8"
Wt. 8.8 lbs.



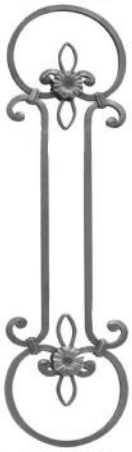
Art. 1097/3
Mtl 1/2" sq.
W 4 1/8"
H 39 3/8"
Wt. 3.1 lbs.



Art. 1685/1
(ex 9133/1)
Mtl 9/16" sq.
H 39 3/8"
Wt. 13.6 lbs.



Art. 1685/2
(ex 9133/1)
Mtl 9/16" sq.
H 39 3/8"
Wt. 13.6 lbs.



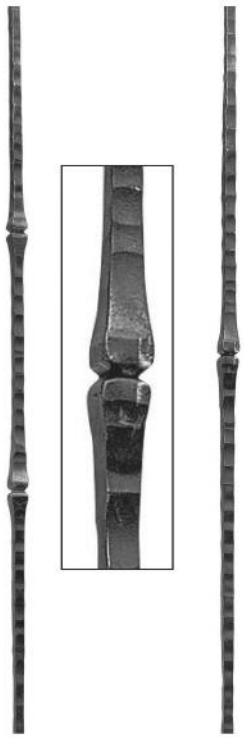
Art. 1682/1
(ex 9133/3)
Mtl 9/16" sq.
H 39 3/8"
Wt. 13.2 lbs.



Art. 1682/2
(ex 9133/4)
Mtl 9/16" sq.
H 39 3/8"
Wt. 7.7 lbs.

New Items

New Items



Art. 1192/5
Mtl 3/8" sq.
H 39 3/8"
Wt. 2.42 lbs.

Art. 1192/6
Mtl 3/8" sq.
H 39 3/8"
Wt. 2.2 lbs.







Art. 1733/13
Mtl 1/2" sq.
W 2 3/16"
H 39 3/8"
Wt. 2.64 lbs.

Art. 1733/15
Mtl 1/2" sq.
W 2 3/16"
H 39 3/8"
Wt. 2.75 lbs.

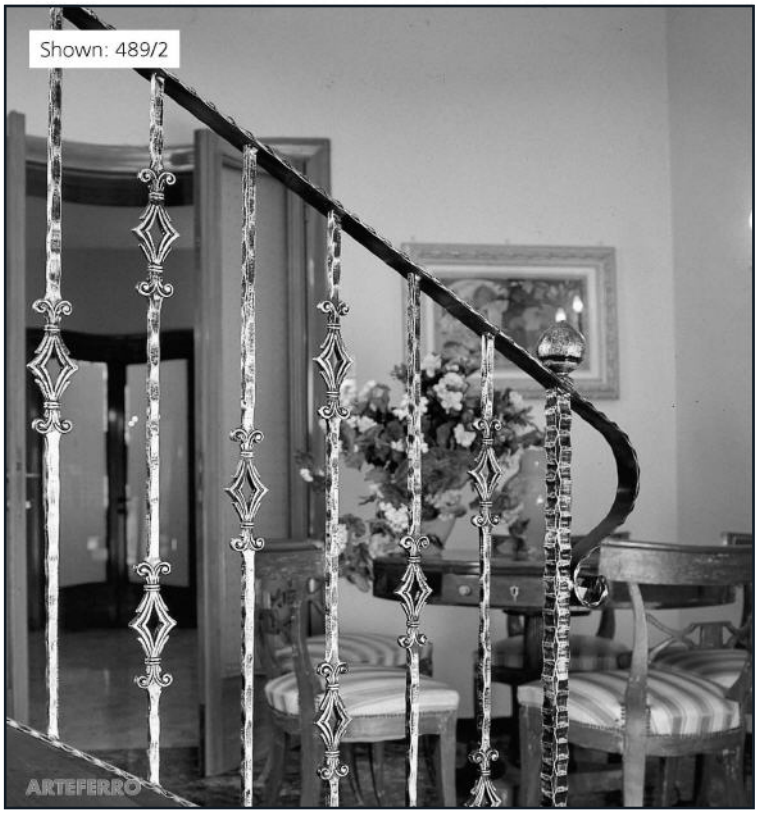


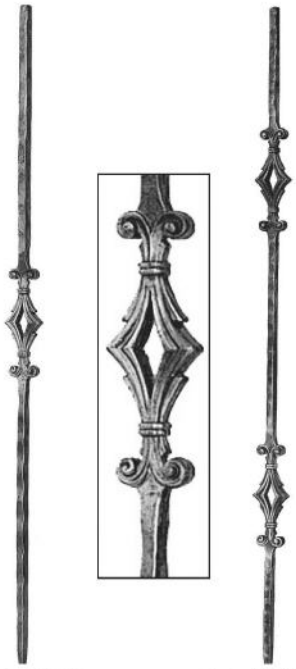


Art. 490/2
Mtl 1/2" sq.
H 39 3/8"
Wt. 3.36 lbs.



Art. 490/1
Mtl 1/2" sq.
H 39 1/2"
WT. 3.9 lbs.

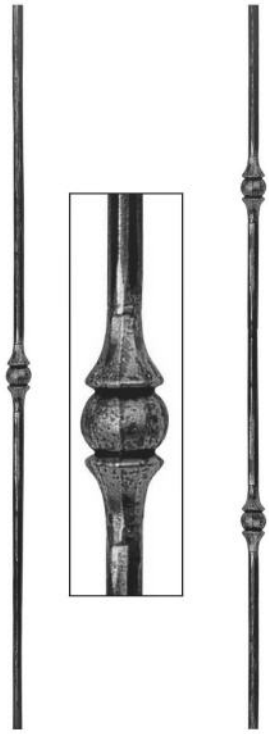




Art. 489/2
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.37 lbs.

Art. 489/1
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.7 lbs.

New Items



Art. 1187/4
Mtl 9/16" dia.
H 39 3/8"
Wt. 3.08 lbs.

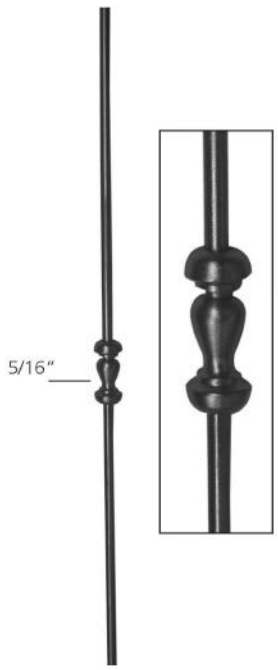
Art. 1187/5
Mtl 9/16" dia.
H 39 3/8"
Wt. 3.4 lbs.



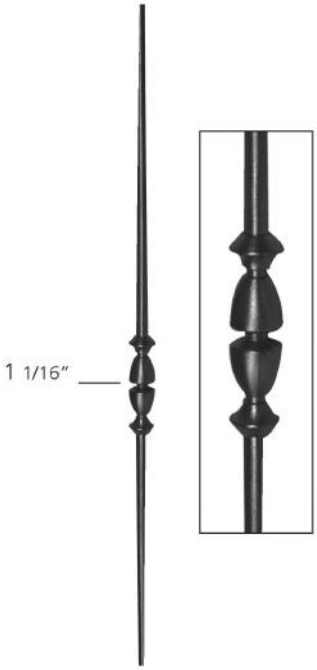
Art. 1187/1
Mtl 1/2" dia.
H 39 3/8"
Wt. 4.4 lbs.



Art. 1187/2
Mtl 1/2" dia.
H 39 3/8"
Wt. 3.52 lbs.



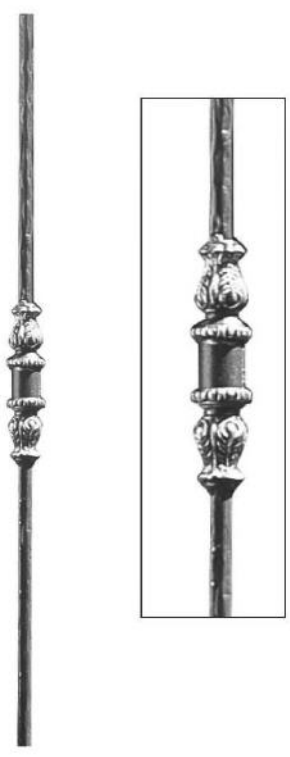
Art. GD251/3
Mtl 1/2" dia.
H 39 3/8"
Wt. 2.6 lbs.



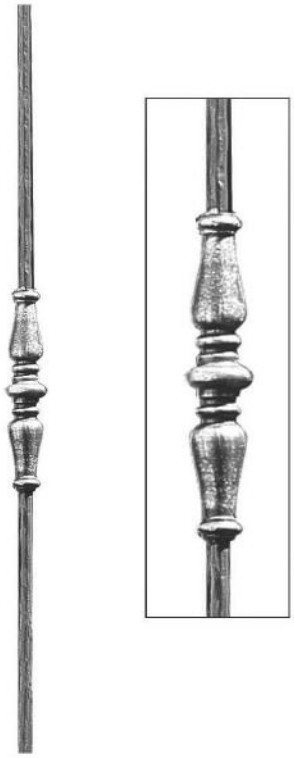
Art. GD251/4
Mtl 1/2" dia.
H 39 3/8"
Wt. 2.4 lbs.



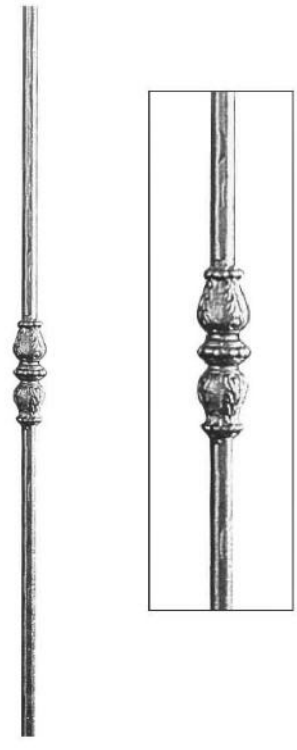
New Items



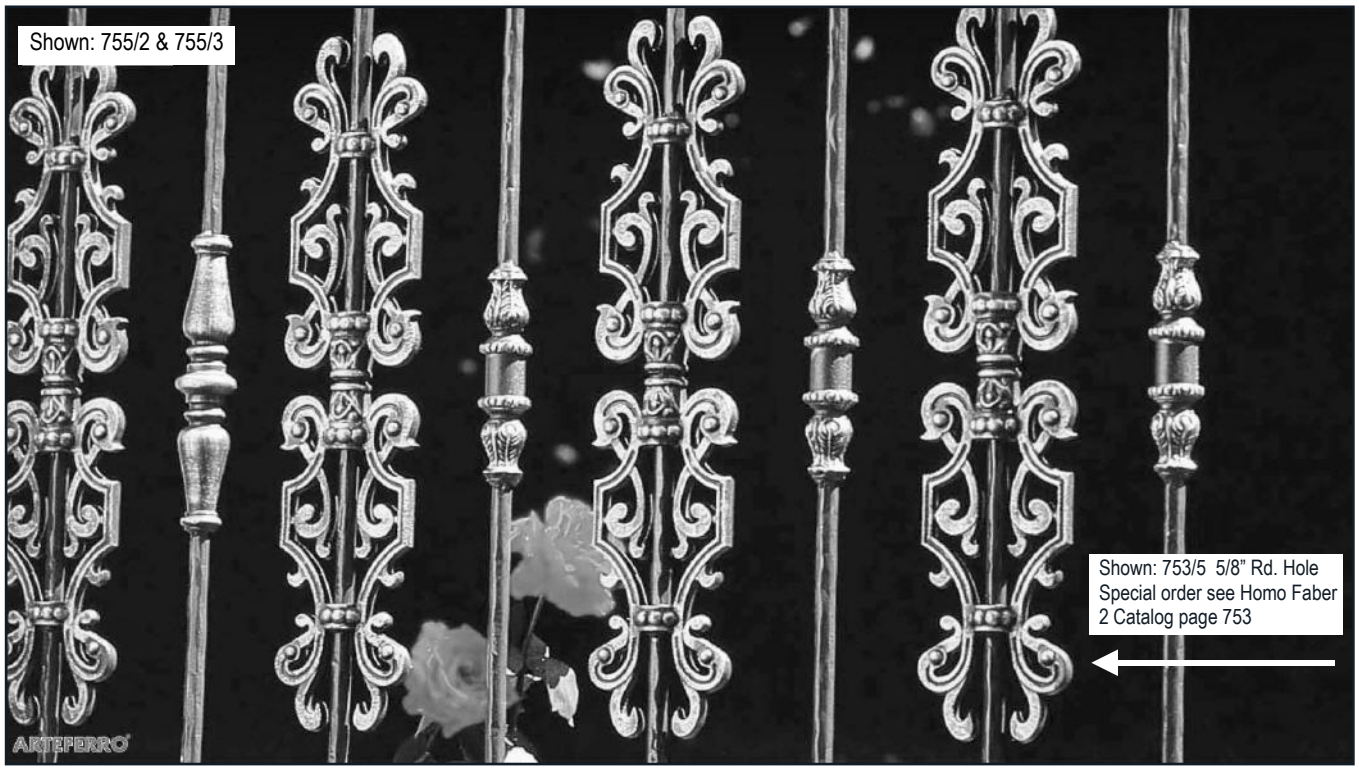
Art. 755/2
Mtl 5/8" dia.
35 7/16" H
Wt. 4.2 lbs.



Art. 755/3
Mtl 5/8" dia.
35 7/16" H
Wt. 4.7 lbs.



Art. 755/4
Mtl 5/8" dia.
35 7/16" H
Wt. 3.8 lbs.



13-56 Forged Pickets, Scrolls, & Railing

IND 67



Forged Pickets

SUGGESTED NEWEL POSTS



Art. 112/5
Mtl 1″ sq.
H 47″
Wt. 12.54 lbs.



Art. 112/7
Mtl 1″ sq.
H 47″
Wt. 14.5 lbs.

Art. 799/3
Mtl 1 9/16″ sq.
H 47″
Wt. 37.4 lbs.





Art. 105/2
Mtl 1/2″ sq.
H 39 3/8″
Wt. 3.01 lbs.



Art. 105/1
Mtl 1/2″ sq.
H 39 3/8″
Wt. 3.3 lbs.





Art. 99/1
Mtl 1/2″ sq.
H 39 3/8″
Wt. 2.5 lbs.



Art. 99/2
Mtl 1/2″ sq.
H 39 3/8″
Wt. 2.5 lbs.



Art. 105/3
Mtl 9/16″ sq.
H 39 3/8″
Wt. 3.5 lbs.

Art. 105/4
Mtl 5/8″ sq.
H 39 3/8″
Wt. 4 lbs.



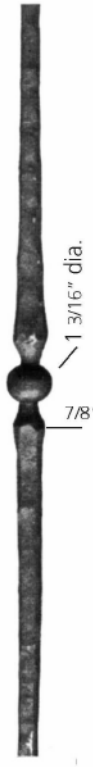


Art. 98/1
H 39 3/8″
Wt. 5.03 lbs.



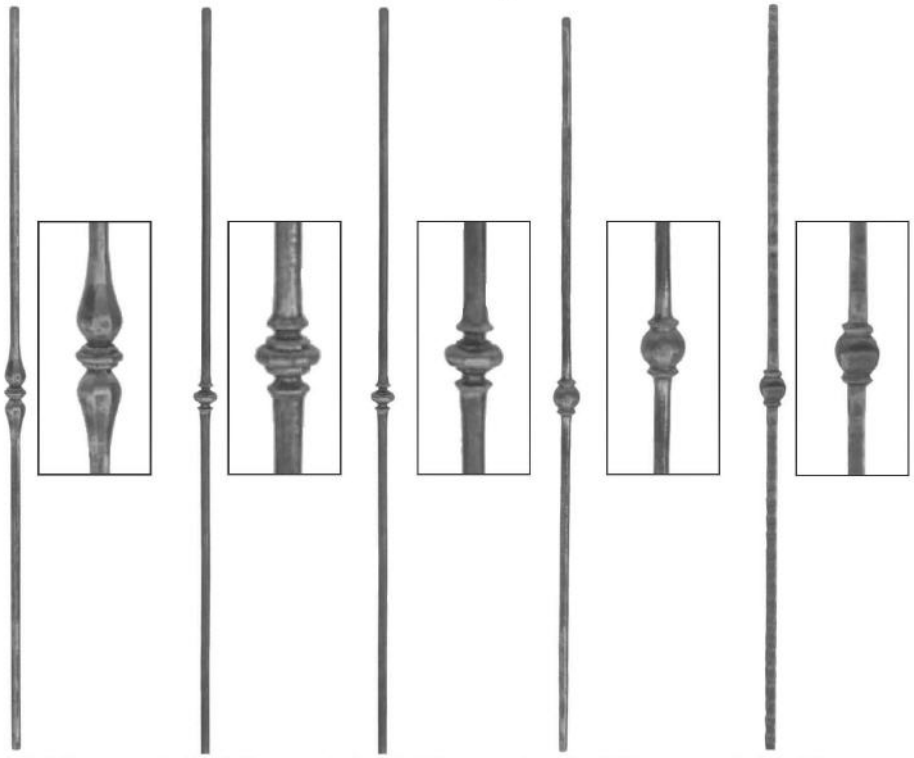


Art. 508/2
Mtl 11/16″ sq.
H 39 3/8″
Wt. 7.68 lbs.



Art. 109/3
H 39 3/8″
Wt. 3.08 lbs.

Forged Pickets



Art. 1770/1
(ex 9000/8)
Mtl 1/2" dia.
H 39 3/8"
Wt. 2.2 lbs.

Art. 1770/2
(ex 9000/9)
Mtl 1/2" dia.
H 39 3/8"
Wt. 2.2 lbs.

Art. 1770/3
(ex 9000/10)
Mtl 1/2" dia.
H 39 3/8"
Wt. 2.2 lbs.

Art. 1770/4
(ex 9000/11)
Mtl 1/2" dia.
H 39 3/8"
Wt. 2.2 lbs.

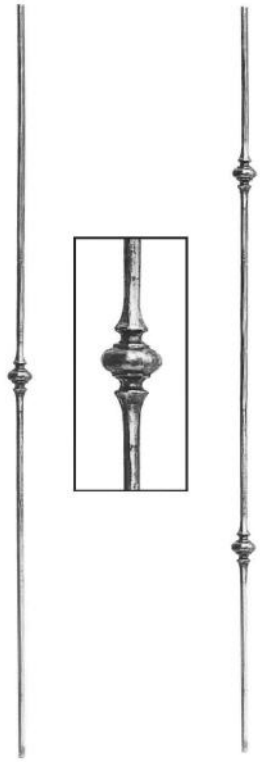
Art. 1770/8
(ex 9000/15)
Mtl 1/2" sq.
H 39 3/8"
Wt. 2.66 lbs.

SUGGESTED NEWEL POSTS



Art. 797/2
Mtl 1 3/16" dia.
H 47"
Wt. 11.5 lbs.

Art. 797/7
Mtl 1 9/16" dia.
H 47"
Wt. 29 lbs.

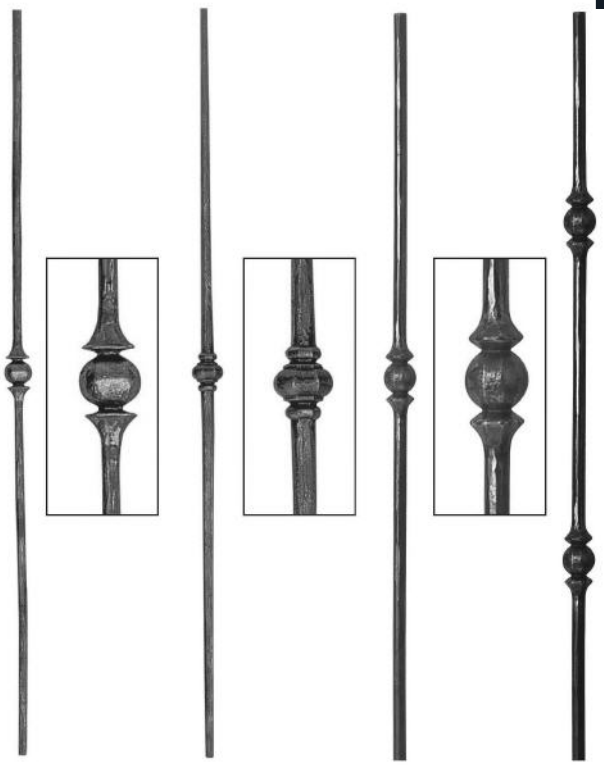


Art. 499/1
Mtl 1/2" dia.
H 39 3/8"
Wt. 2.2 lbs.

Art. 499/2
Mtl 1/2" dia.
39 3/8" H
Wt. 2.46 lbs.





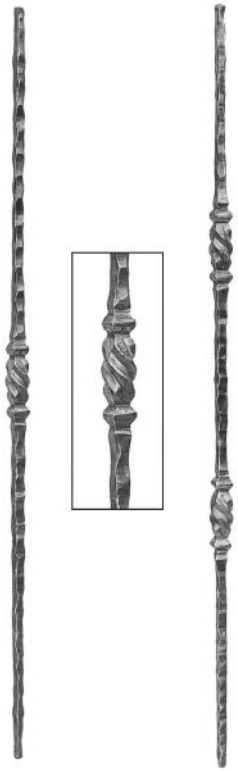


Art. 1184/4
Mtl 1/2" dia.
H 39 3/8"
Wt. 2.2 lbs.

Art. 1184/5
Mtl 9/16" dia.
H 39 3/8"
Wt. 3.0 lbs.

Art. 504/2
Mtl 9/16" dia.
H 39 3/8"
Wt. 2.9 lbs.

Art. 504/3
Mtl 9/16" dia.
H 39 3/8"
Wt. 3.5 lbs.



Art. 505/3
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.41 lbs.

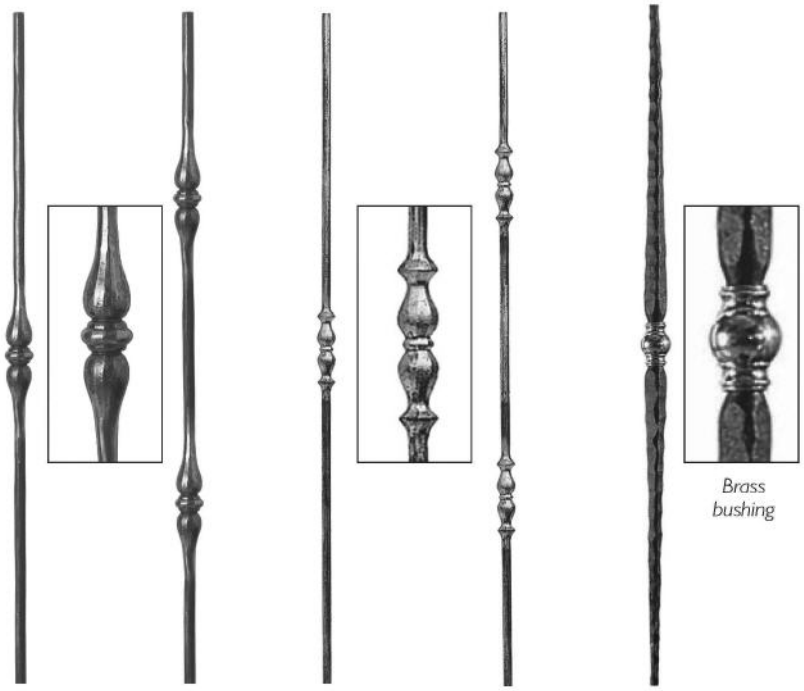
Art. 505/4
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.92 lbs.

SUGGESTED NEWEL POST



Art. 799/1
Mtl 1 3/16" sq.
H 47"
Wt. 14.5 lbs.

Forged Pickets



Art. 508/3
Mtl 9/16" dia.
H 39 3/8"
Wt. 4.0 lbs.

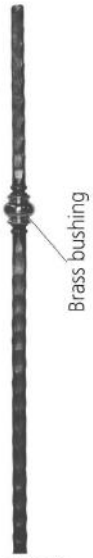
Art. 508/4
Mtl 9/16" dia.
H 39 3/8"
Wt. 5.3 lbs.

Art. 497/1
Mtl 1/2" dia.
H 39 3/8"
Wt. 2.2 lbs.

Art. 497/2
Mtl 1/2" dia.
H 39 3/8"
Wt. 2.64 lbs.

Art. 111/2
Mtl 1 17/32" dia.
H 35 7/16" approx
Wt. 4.2 lbs.

SUGGESTED NEWEL POSTS

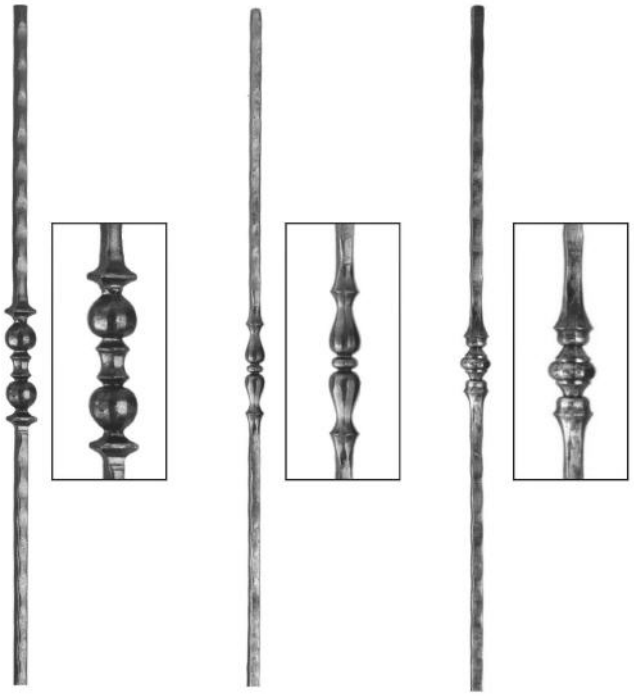


Art. 111/3
Mtl 1 3/16" dia.
H 47"
Wt. 15.8 lbs.



Art. 797/2
Mtl 1 3/16" dia.
H 47"
Wt. 17.63 lbs.

Art. 797/7
Mtl 1 9/16" dia.
H 47"
Wt. 29 lbs.



Art. 1770/5
(ex 9000/12)
Mtl 9/16" dia.
H 39 3/8"
Wt. 4.4 lbs.

Art. 1770/6
(ex 9000/13)
Mtl 1/2" sq.
H 39 3/8"
Wt. 2.58 lbs.

Art. 1770/7
(ex 9000/14)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.36 lbs.



Forged Pickets

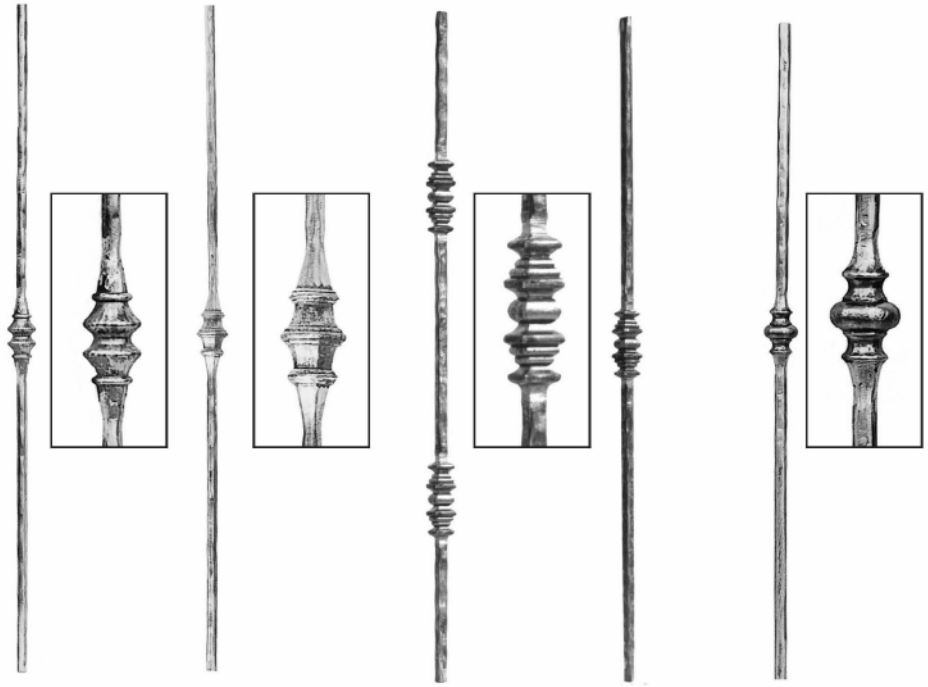
SUGGESTED NEWEL POSTS



Art. 112/10
Mtl 1 3/16" sq.
H 47"
Wt. 14.3 lbs.



Art. 112/9
Mtl 1 3/16" sq.
H 47"
Wt. 14.1 lbs.



Art. 500/1
Mtl 1/2" dia.
H 39 3/8"
Wt. 2.4 lbs.

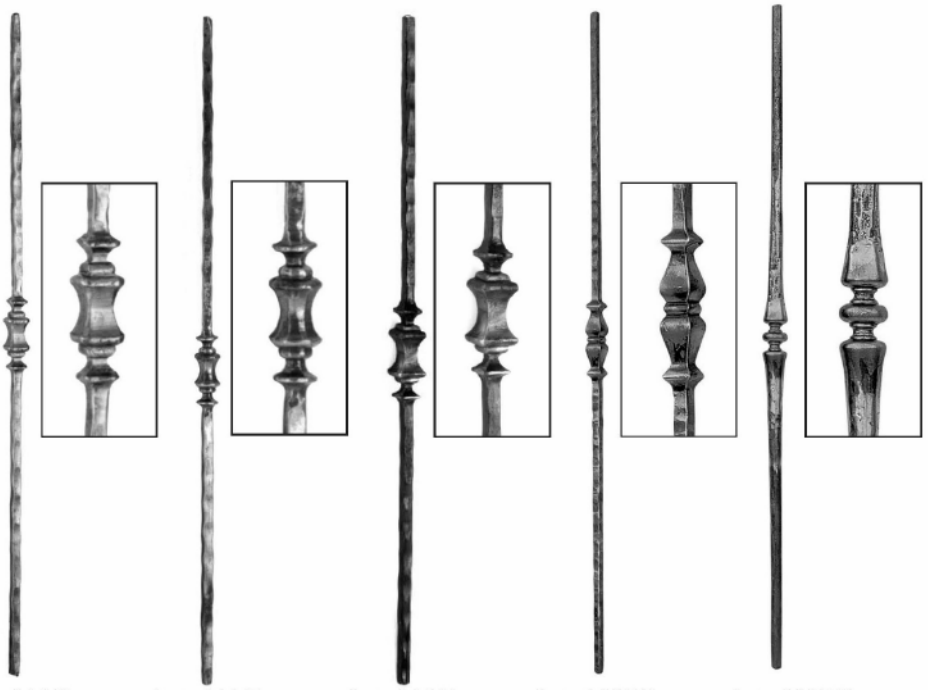
Art. 501/2
Mtl 1/2" dia.
H 39 3/8"
Wt. 2.57 lbs.

Art. 108/A/1
Mtl 1/2" sq.
H 39 3/8"
Wt. 3.7 lbs.

Art. 108/A/2
Mtl 1/2" sq.
H 39 3/8"
Wt. 3.5 lbs.

Art. 500/2
Mtl 1/2" dia.
H 39 3/8"
Wt. 2.4 lbs.





Art. 110/3
Mtl 1/2" sq.
H 39 3/8"
Wt. 3.08 lbs.

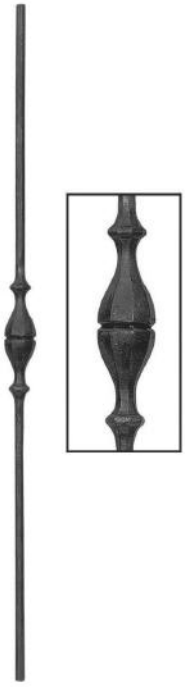
Art. 110/5
Mtl 1/2" sq.
H 39 3/8"
Wt. 3.05 lbs.

Art. 110/4
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.92 lbs.

Art. 1185/1
Mtl 1/2" sq.
H 39 3/8"
Wt. 2.2 lbs.

Art. 1185/2
Mtl 33/64" dia.
H 39 3/8"
Wt. 4.19 lbs.

Forged Pickets



Art. 1185/3
Mtl 1/2" dia.
H 39 3/8"
Wt. 3.3 lbs.



Art. 1185/4
Mtl 1/2" dia.
H 39 3/8" approx.
Wt. 2 lbs.

Art. 1185/5
Mtl 19/16" dia.
H 39 3/8" approx.
Wt. 2.6 lbs.



Art. 1184/3
Mtl 1/2" dia.
H 39 3/8"
Wt. 2.7 lbs.



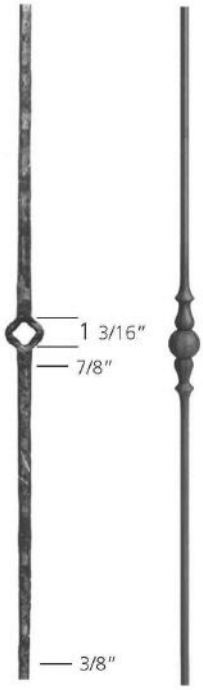
Art. 1184/6
Mtl 3/8" to 21/32"
H 39 3/8"
Wt. 2.21 lbs.

SUGGESTED NEWEL POSTS



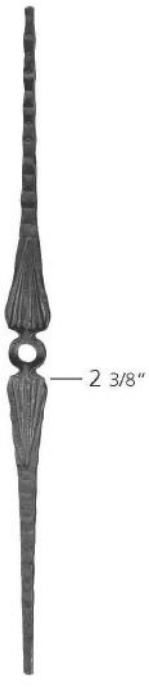
Art. 1775/15
Mtl 1" sq.
H 47"
Wt. 13 lbs.

Art. 798/2
Mtl 1" sq.
H 43"
Wt. 11.4 lbs.



Art. 101/2
Mtl 3/4" sq.
H 39 3/8"
Wt. 4 lbs.

Art. 503/1
Mtl 1/2" dia.
H 39 3/8"
Wt. 2.8 lbs.



Art. 1192/1
Mtl 1/2"x 5/16"
H 39 3/8"
Wt. 2.6 lbs.



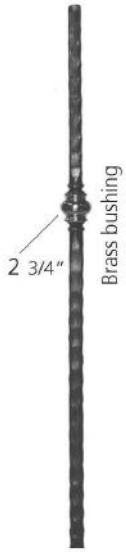
Art. 1192/2
Mtl 1/2"x 5/16"
H 39 3/8"
Wt. 3 lbs.



Art. 502/1
Mtl 9/16" dia.
H 39 3/8"
Wt. 4.2 lbs.



SUGGESTED NEWEL POSTS



Art. 111/3
Mtl 1 3/16" sq.
47" H
Wt. 15.8 lbs.



Art. 112/5
Mtl 1" sq.
H 47"
Wt. 12.54 lbs.

Art. 799/3
Mtl 1 9/16" sq.
H 47"
Wt. 37.4 lbs.

Satin Glass Half Spheres



Art. 1214/1 - White
Art. 1214/2 - Green
Art. 1214/3 - Yellow
Art. 1214/4 - Blue

Murano Glass Bushing

Forged Pickets



Art. 1215/1
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.3 lbs.



Art. 1215/2
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.3 lbs.

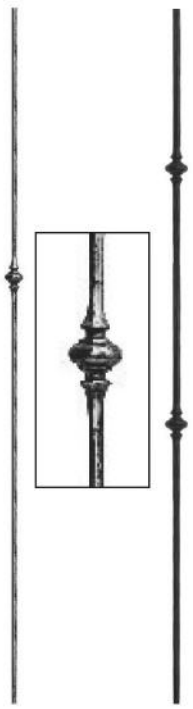


Art. 1215/3
Mtl 9/16" sq.
H 39 3/8"
Wt. 2.9 lbs.



Art. 1215/4
Mtl 9/16" sq.
H 39 3/8"
Wt. 2.9 lbs.

Forged Pickets 47 inches



Art. 1159/1
Mtl 1/2" dia.
H 47"
Wt. 2.4 lbs.

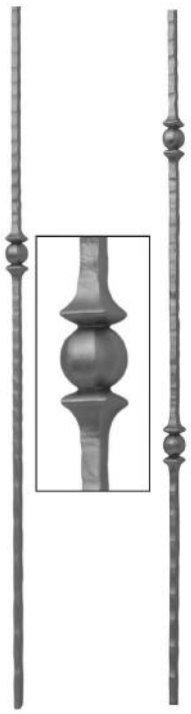
Art. 1159/2
Mtl 1/2" dia.
H 47"
Wt. 2.8 lbs.



Art. 1159/8
H 47"
Wt. 5.1 lbs.



Art. 1159/7
H 47"
Wt. 4.1 lbs.



Art. 1159/5
Mtl 1/2" sq.
H 47"
Wt. 3.7 lbs.

Art. 1159/6
Mtl 1/2" sq.
H 47"
Wt. 4.0 lbs.



Art. 500/2/L
Mtl 1/2" dia.
H 47"
Wt. 2.9 lbs.



Art. 105/3/L
Mtl 9/16" sq.
H 47"
Wt. 3.5 lbs.

Art. 105/4/L
Mtl 5/8" sq.
H 47"
Wt. 4.5 lbs.

Forged Pickets



Art. 523/1
Mtl 1/2" dia.
H 35 7/16"
Wt. 1.9 lbs.

Art. 523/3
Mtl 1/2" sq.
H 35 7/16"
Wt. 2.4 lbs.

Art. 1184/2
Mtl 9/16" dia.
H 39 3/8"
Wt. 3.4 lbs.

Art. 1184/1
Mtl 9/16" dia.
H 39 3/8"
Wt. 3.1 lbs.

Art. 518/1
Mtl 1/2" dia.
H 35 7/16"
Wt. 2.7 lbs.

SUGGESTED NEWEL POSTS



Art. 113/1
Mtl 3/4" sq.
H 43"
Wt. 8 lbs.

Art. 113/3
Mtl 3/4" sq.
H 43"
Wt. 8 lbs.

Art. 1203/2
Mtl 15/16" dia.
H 47"
Wt. 7.7 lbs.

Art. 113/2
Mtl 1 3/16" sq.
H 43"
Wt. 17.6 lbs.

Art. 113/4
Mtl 1 3/16" sq.
H 43"
Wt. 20 lbs.

Epoxy Adhesive For Iron Balusters



50 ML Epoxy Adhesive Non-drip,
Translucent Paste and Two Mixing Nozzles

EPX-PC50



Static Mixing Nozzles
2 Per Pack

EPX-NOZZLE

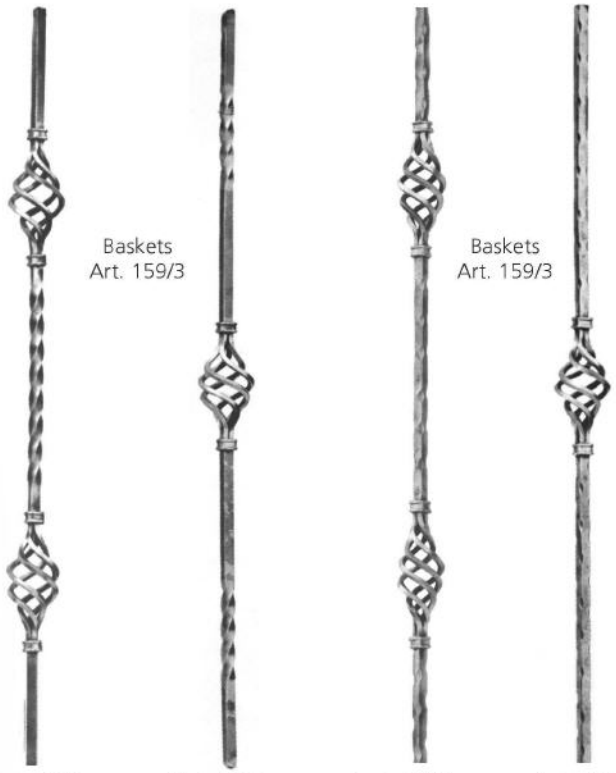




Dispensing Gun
For Epoxy Adhesive

EPX-GUN

Picket with Baskets



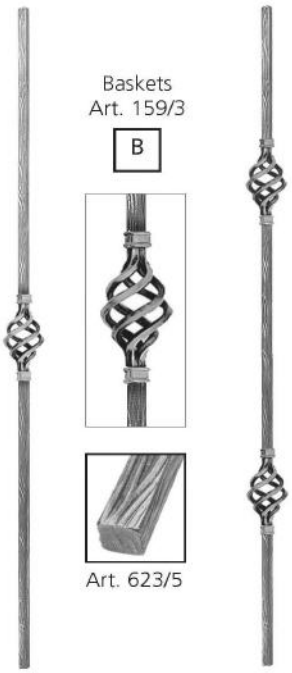
Art. 48/1
Mtl 1/2" sq.
H 35 7/16"
Wt. 2.6 lbs.

Art. 48/2
Mtl 1/2" sq.
H 35 7/16"
Wt. 2.4 lbs.

Art. 48/3
Mtl 1/2" sq.
H 35 7/16"
Wt. 2.6 lbs.

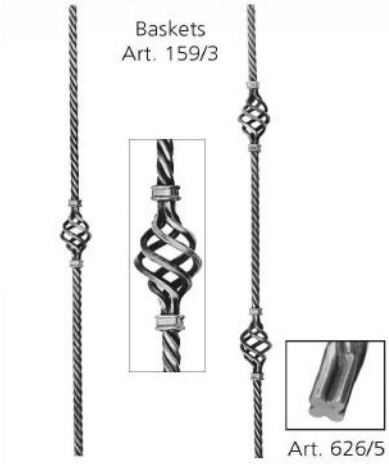
Art. 48/4
Mtl 1/2" sq.
H 35 7/16"
Wt. 2.6 lbs.





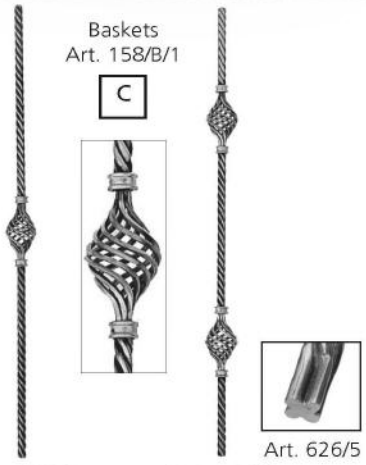
Art. 48/A/13
Mtl 1/2" sq.
H 35 7/16"
Wt. 2.6 lbs.

Art. 48/A/16
Mtl 1/2" sq.
H 35 7/16"
Wt. 2.4 lbs.



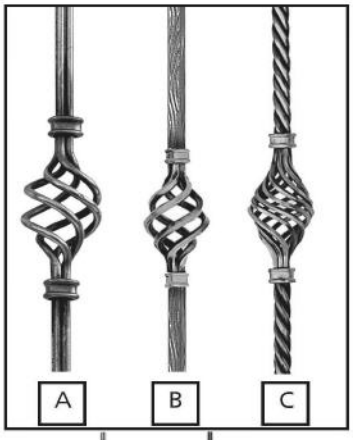
Art. 462/1
Mtl 5/8" dia.
H 35 7/16"
Wt. 2 lbs.

Art. 462/2
Mtl 5/8" dia.
H 35 7/16"
Wt. 2.4 lbs.



Art. 462/3
Mtl 5/8" dia.
H 35 7/16"
Wt. 2 lbs.

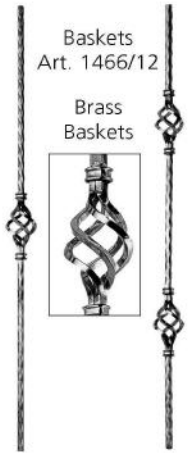
Art. 462/4
Mtl 5/8" dia.
H 35 7/16"
Wt. 2.4 lbs.





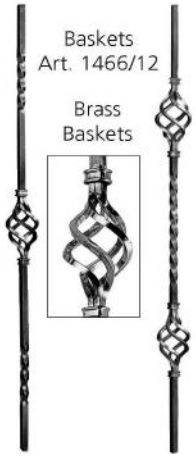
Art. 1149/1
Mtl 1/2" sq.
H 39 3/8"
Wt. 2.7 lbs.

Art. 1149/2
Mtl 1/2" sq.
H 39 3/8"
Wt. 2.8 lbs.



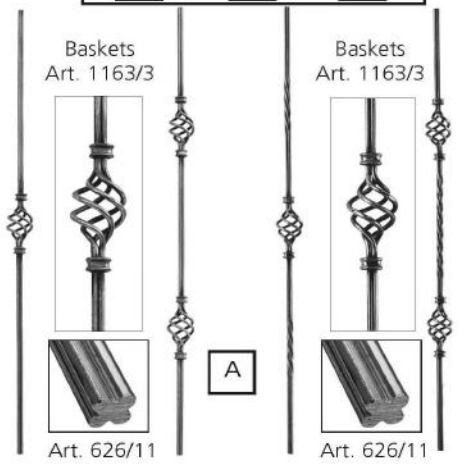
Art. 1149/3
Mtl 1/2" sq.
H 39 3/8"
Wt. 2.7 lbs.

Art. 1149/4
Mtl 1/2" sq.
H 39 3/8"
Wt. 2.8 lbs.



Art. 1149/5
Mtl 1/2" sq.
H 39 3/8"
Wt. 2.7 lbs.

Art. 1149/6
Mtl 1/2" sq.
H 39 3/8"
Wt. 2.8 lbs.



Art. 1150/1
Mtl 1/2" x 1/2"
H 39 3/8"
Wt. 2.7 lbs.

Art. 1150/2
Mtl 1/2" x 1/2"
H 39 3/8"
Wt. 2.8 lbs.

Art. 1150/3
Mtl 1/2" x 1/2"
H 39 3/8"
Wt. 2.7 lbs.

Art. 1150/4
Mtl 1/2" x 1/2"
H 39 3/8"
Wt. 2.7 lbs.

Forged Pickets, Scrolls, & Railing





Most of the wrought iron designs shown in this catalog can be custom produced to specifc dimensions



Cod.Art. /Art. no.	Article	Article	Article
Section	H 35 7/16"	H 39 3/8"	H 47 1/4"
Lbs.	4.0	4.4	5.3
1/2" sq.	GD106/1	GD106/4	GD106/7
9/16" sq.	GD106/2	GD106/5	GD106/8
5/8" sq.	GD106/3	GD106/6	GD106/9

1/2" Square Solid Pickets With Twist Pattern



A — Double Twist

Art.	Length	Wt.
53-3	35 1/2"	2.5 lbs.
53-347	47"	2.8 lbs.

B — Single Twist

Art.	Length	Wt.
65-8	35 1/2"	2.5 lbs.
65-847	47"	2.8 lbs.



A

Art. 53/3
Mtl 1/2" sq.
35-½" H.

Art. 53/347
Mtl 1/2" sq.
47" H.



B

Art. 65/8
Mtl 1/2" sq.
35-½" H.



Art. 65/847
Mtl 1/2" sq.
47" H.

CUSTOM MANUFACTURED IN THE USA.

C

Art.	Mtl	Length	Wt.
1724/13	2 3/8" x 1 3/16"	39 1/2"	31.1 lbs.
1724/14	2 3/8" x 1 3/16"	47 1/4"	37.4 lbs.

D

Art.	Mtl	Length	Wt.
1724/27	1 31/32" sq.	39 1/2"	43.2 lbs.
1724/28	1 31/32" sq.	47 1/4"	51.9 lbs.

E

Art.	Mtl	Length	Wt.
1724/51	1 31/32" sq.	39 1/2"	43.2 lbs.
1724/52	1 31/32" sq.	47 1/4"	51.9 lbs.

F

Art.	Mtl		Wt.
1725/1	2" sq.	39 1/2"	43.2 lbs.
1725/2	2" sq.	47 1/4"	51.9 lbs.



Left twist

Forged Pickets

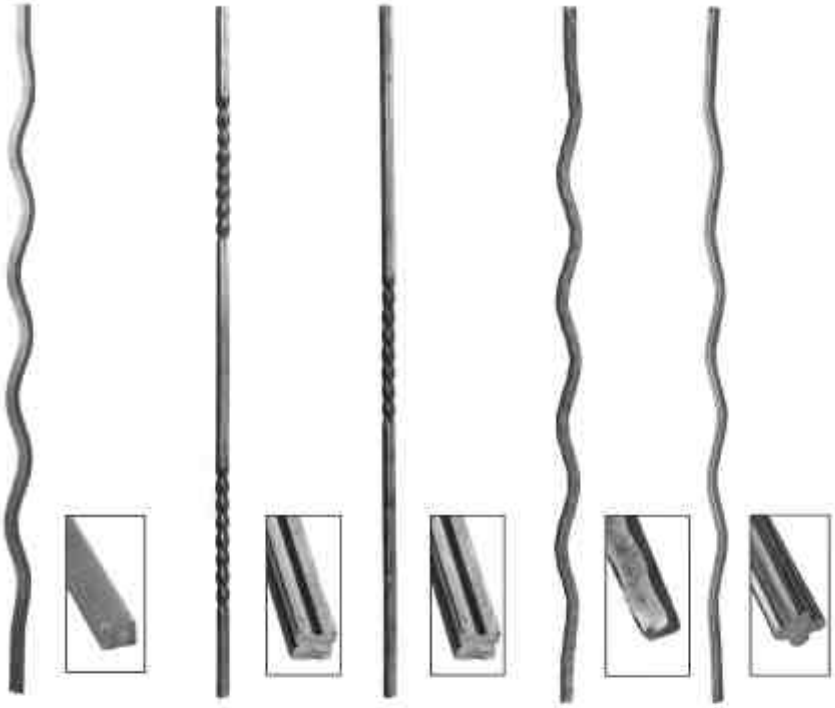
SUGGESTED NEWEL POSTS

Art. 1775/13
Mtl 1" sq.
H 47"
Wt. 13 lbs.

Art. 1775/14
Mtl 1 3/16" sq.
H 47"
Wt. 18.7 lbs.



Art. 112/3
Mtl 1" sq.
H 47"
Wt. 14 lbs.



Art. 70/D/1
Mtl 9/16 sq.
H 35 7/16"
Wt. 3 lbs.

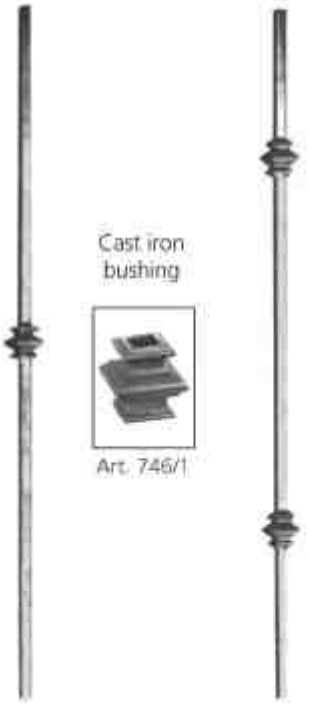
Art. 118/H/1
Mtl 1/2" sq.
H 35 7/16"
Wt. 2.5 lbs.

Art. 118/H/2
Mtl 1/2" sq.
H 35 7/16"
Wt. 2.5 lbs.

Art. 597/3
Mtl 9/16 sq.
H 35 7/16"
Wt. 3 lbs.

Art. 1132/9
Mtl 9/16 sq.
H 39 3/8"
Wt. 2.6 lbs.





Art. 755/5
Mtl 1/2" sq.
H 35 7/16"
Wt. 2.5 lbs.

Art. 755/6
Mtl 1/2" sq.
H 35 7/16"
Wt. 2.6 lbs.

Forged Pickets, Scrolls, & Railing

IND 79

Forged Pickets



Art. 50/5
Mtl 1/2" sq.
W 1 3/16"
H 35 7/16"
Wt. 2.1 lbs.



Art. 50/6
Mtl 1/2" sq.
W 1 3/16"
H 35 7/16"
Wt. 2.2 lbs.



Art. 50/7
Mtl 1/2" sq.
W 5 1/2"
H 35 7/16"
Wt. 2.8 lbs.



Art. 50/8
Mtl 1/2" sq.
W 5 1/2"
H 35 7/16"
Wt. 3.4 lbs.

SUGGESTED NEWEL POSTS



Art. 113/5
Mtl 3/4" sq.
H 43"
Wt. 8.4 lbs.



Art. 64/I/1
Mtl 1" sq.
H 47"
Wt. 14.7 lbs.

Art. 113/6
Mtl 1 3/16" sq.
H 43"
Wt. 17 lbs.



Round Bushing



Art. 128/2



Art. 64/I/3
Mtl 9/16" sq.
H 35 7/16"
Wt. 3.3 lbs.

Art. 64/I/2
Mtl 9/16" sq.
H 35 7/16"
Wt. 3.6 lbs.



Art. 64/L/3
Mtl 9/16" dia.
H 35 7/16"
Wt. 2.3 lbs.





Art. 64/L/4
Mtl 9/16" dia.
H 35 7/16"
Wt. 2.3 lbs.



Forged Pickets



Art. 1749/2
(ex 9116/7)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1749/4
(ex 9116/8)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1749/6
(ex 9116/9)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.6 lbs.



Art. 116/A/4
Floral is single-faced



Art. 1749/8
(ex 9116/10)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.6 lbs.







Brass bushing
Art. 746/1



Art. 1179/3
Mtl 9/16" dia.
H 39 11/32"
Wt. 3.4 lbs.

Art. 1179/4
Mtl 9/16" dia.
H 39 11/32"
Wt. 4.1 lbs.



Art. 64/I/4
Mtl 9/16" sq.
H 35 7/16"
Wt. 4 lbs.



Art. 64/I/5
Mtl 9/16" sq.
H 35 7/16"
Wt. 4 lbs.



Art. 134/G/3
Mtl 1/2" sq.
H 35 7/16"
Wt. 2.2 lbs.

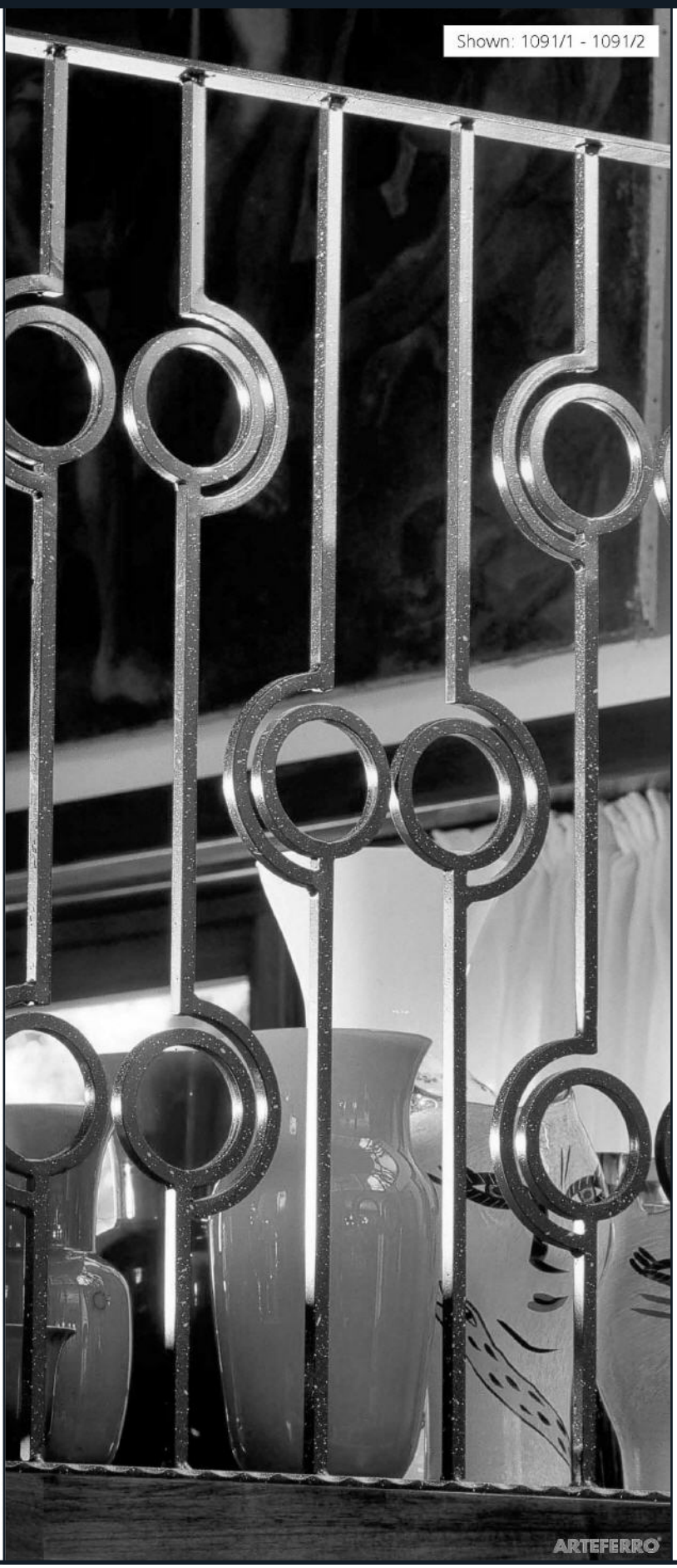
IND 81



Art. 1091/1
Mtl 1/2" sq.
W 5 5/16"
H 39 3/8"
Wt. 3.5 lbs.



Art. 1091/2
Mtl 1/2" sq.
W 5 5/16"
H 39 3/8"
Wt. 4.4 lbs.



Stair and Rail Balusters



Art. 1167/3
Mtl 1/2" dia.
H 39 3/8"
Wt. 2.4 lbs.



Art. 1167/4
Mtl 1/2" dia.
H 39 3/8"
Wt. 2.7 lbs.



Art. 1167/1
Mtl 1/2" dia.
H 39 3/8"
Wt. 2.5 lbs.



Art. 1167/2
Mtl 1/2" dia.
H 39 3/8"
Wt. 2.3 lbs.



Art. 1166/3
Mtl 1/2" dia.
H 35 7/16"
Wt. 3.3 lbs.



Art. 1166/4
Mtl 1/2" dia.
H 35 7/16"
Wt. 3.6 lbs.



Art. 1166/1
Mtl 1/2" dia.
H 35 7/16"
Wt. 3.5 lbs.



Art. 1166/2
Mtl 1/2" dia.
H 35 7/16"
Wt. 2.9 lbs.

SUGGESTED NEWEL POSTS



Art. 1207/3
Mtl 2 15/16" dia.
W 3 15/16"
H 47"
Wt. 24 lbs.



Art. 1206/1
Mtl 1 3/16" sq.
W 10 5/8"
H 47"
Wt. 14 lbs.



Art. 1089/1
Mtl 1/2" sq.
W 3 15/16"
H 39 3/8"
Wt. 3.4 lbs.



Art. 1089/2
Mtl 1/2" sq.
W 3 15/16"
H 39 3/8"
Wt. 4.2 lbs.



Art. 1090/1
Mtl 1/2" sq.
W 4 1/2"
H 39 3/8"
Wt. 3.3 lbs.



Art. 1090/2
Mtl 1/2" sq.
W 4 1/2"
H 39 3/8"
Wt. 4 lbs.



Art. 1090/3
Mtl 1/2" sq.
W 3 9/16"
H 39 3/8"
Wt. 3.1 lbs.



Art. 1090/4
Mtl 1/2" sq.
W 3 9/16"
H 39 3/8"
Wt. 3.8 lbs.

Forged Pickets, Scrolls, & Railing

IND 83

The 64/F series (and other matching components) are one of our most popular lines. The bars are first hammered on all four edges, and then the pattern is added to both sides. Scrolls, flowers, and baskets are then added.



Art. 64/F/3
Mtl 9/16" sq.
H 35 7/16"
Wt. 3 lbs.



Art. 64/F/5
Mtl 9/16" sq.
H 35 7/16"
Wt. 3 lbs.



Art. 64/F/9
Mtl 9/16" sq.
W 4 5/16"
H 35 7/16"
Wt. 4.1 lbs.



Art. 64/F/7
Mtl 9/16" sq.
W 5 1/2"
H 35 7/16"
Wt. 3.4 lbs.

SUGGESTED NEWEL POSTS



Art. 64/F/1
Mtl 1" sq.
H 47"
Wt. 13 lbs.



Art. 64/I/1
Mtl 1" sq.
H 47"
Wt. 14.7 lbs.



Art. 562/2
Mtl 9/16" sq.
H 35 7/16"
Wt. 3.1 lbs.



Art. 561/6
Mtl 9/16" sq.
W 8 1/4"
H 35 7/16"
Wt. 4.2 lbs.



Art. 64/G/2
Mtl 9/16" sq.
W 8 7/8"
H 35 7/16"
Wt. 5.2 lbs.



Hammered Stair and Rail Balusters



Art. 576/2
Mtl 9/16" dia.
H 35 7/16"
Wt. 2.5 lbs.

Art. 1135/3
Mtl 9/16" dia.
H 39 3/8"
Wt. 2.6 lbs.

Art. 576/4
Mtl 9/16" dia.
H 35 7/16"
Wt. 2.5 lbs.

Art. 1135/4
Mtl 9/16" dia.
H 39 3/8"
Wt. 2.6 lbs.



Art. 577/1
Mtl 9/16" dia.
W 8 1/4"
H 35 7/16"
Wt. 3.9 lbs.



Art. 577/2
Mtl 9/16" dia.
W 6 5/8"
H 35 7/16"
Wt. 3.6 lbs.



Art. 577/3
Mtl 9/16" dia.
W 6 5/8"
H 35 7/16"
Wt. 3.6 lbs.

SUGGESTED NEWEL POST



Art. 801/5
Mtl 1" dia.
H 47"
Wt. 11 lbs.

Art. 801/8
Mtl 1 3/16" dia.
H 47"
Wt. 11 lbs.





Art. 1135/1
Mtl 9/16" dia.
W 8 5/8"
H 39 3/8"
Wt. 4.4 lbs.



Art. 1135/2
Mtl 9/16" dia.
W 8 5/8"
H 39 3/8"
Wt. 3.7 lbs.



Art. 560/2
Mtl 9/16" dia.
H 35 7/16"
Wt. 3.3 lbs.



Art. 560/3
Mtl 9/16" dia.
H 35 7/16"
Wt. 3 lbs.

Hammered Stair and Rail Balusters



Art. 1136/7
Mtl 9/16" sq.
W 6 1/8"
H 39 3/8"
Wt. 3.9 lbs.

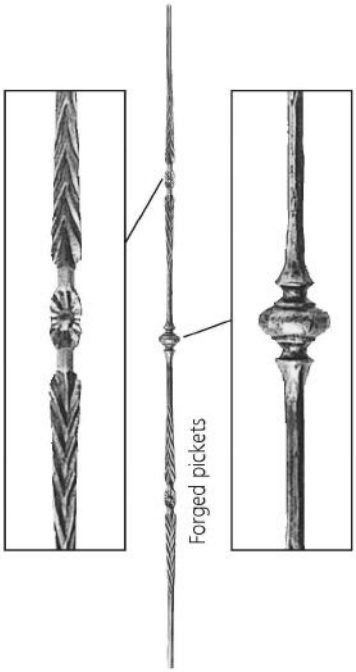
Art. 1136/8
Mtl 9/16" sq.
W 7 7/8"
H 39 3/8"
Wt. 4.3 lbs.



Art. 1136/9
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1136/10
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 504/1
Mtl 1/2" dia.
H 39 3/8"
Wt. 1.9 lbs.

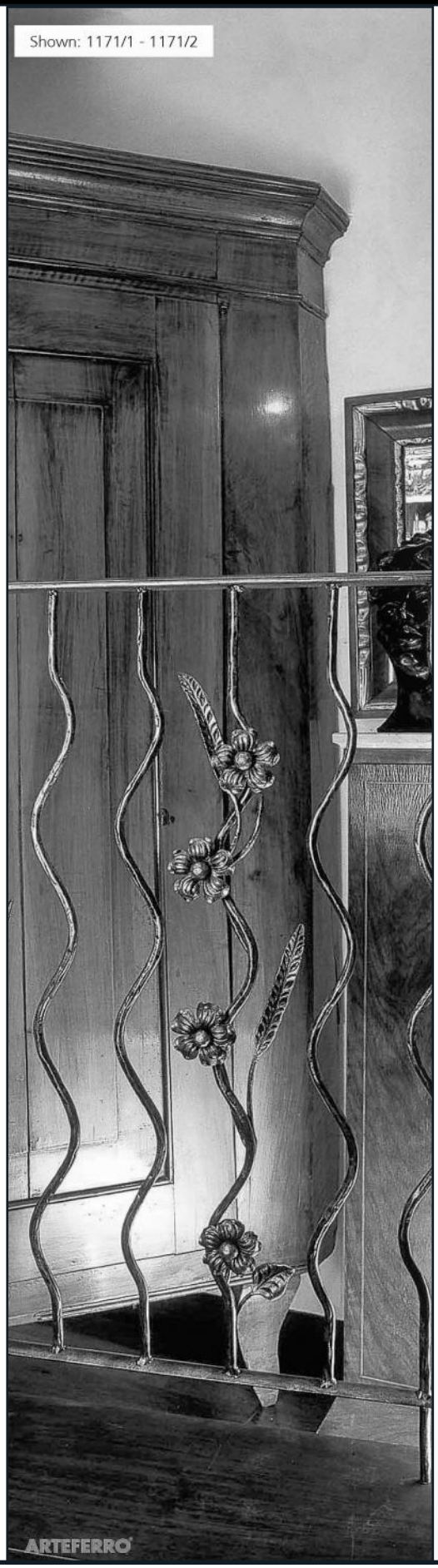


Art. 1136/1
Mtl 9/16" dia.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1136/2
Mtl 9/16" dia.
W 7 7/8"
H 39 3/8"
Wt. 4.6 lbs.







Art. 1170/1
Mtl 1/2" dia.
W 5 1/8"
H 39 3/8"
Wt. 3.3 lbs.



Art. 1171/2
Mtl 1/2" dia.
W 2 3/8"
H 39 3/8"
Wt. 2.2 lbs.



Art. 1171/1
Mtl 1/2" dia.
W 4 3/4"
H 39 3/8"
Wt. 4.4 lbs.



Art. 604/6
Mtl 1/2" dia.
H 39 3/8"
Wt. 4 lbs.



Art. 604/8
Mtl 1/2" dia.
H 39 3/8"
Wt. 3 lbs.



Art. 604/12



Art. 604/7
Mtl 1/2" dia.
H 39 3/8"
Wt. 3 lbs.

Stair and Rail Balusters



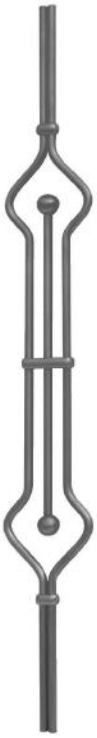
Art. GD176/1
Mtl 9/16 sq.
W 7 7/8"
H 39 3/8"
Wt. 7.9 lbs.



Art. GD176/3
Mtl 9/16 sq.
W 7 7/8"
H 39 3/8"
Wt. 9 lbs.



Art. GD193/1
Mtl 1/2" dia.
W 5 1/8"
H 39 3/8"
Wt. 6 lbs.



Art. GD192/3
Mtl 1/2" dia.
W 5 1/8"
H 39 3/8"
Wt. 5.7 lbs.



Art. GD23/1
Mtl 9/16 sq.
W 4 23/32"
H 39 3/8"
Wt. 3.9 lbs.



Art. GD25/1
Mtl 9/16 sq.
W 4 23/32"
H 39 3/8"
Wt. 4.5 lbs.







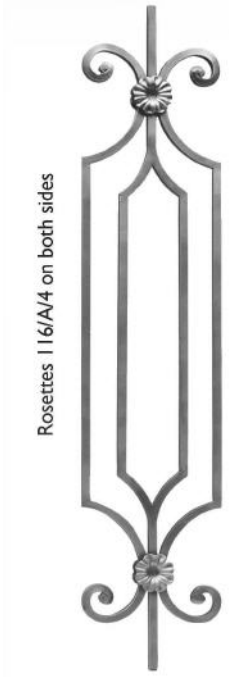
Art. GD158/1
Mtl 9/16" x 5/16"
W 6 19/64"
H 39 3/8"
Wt. 6.6 lbs.



Art. GD158/2
Mtl 9/16" x 5/16"
W 6 19/64"
H 39 3/8"
Wt. 6.2 lbs.



Art. GD228/2
Mtl 9/16" x 5/16"
W 7 1/2"
H 39 3/8"
Wt. 6.8 lbs.



Art. 1685/3
(ex 9133/5)
Mtl 9/16" sq.
H 39 3/8"
Wt. 2.3 lbs.



Art. GD156/1
Mtl 9/16"x 5/16"
W 3 5/32"
H 39 3/8"
Wt. 2.9 lbs.



Art. GD156/2
Mtl 9/16"x 5/16"
W 6 5/8"
H 39 3/8"
Wt. 4.8 lbs.



Art. 1699/9
Mtl 1/2" dia.
W 5 1/8"
H 39 3/8"
Wt. 4.6 lbs.



Art. GD41/1
Mtl 1/2" dia.
W 2 23/64"
H 39 3/8
Wt. 2.1 lbs.



Art. 1699/3
Mtl 1/2" dia.
W 2 23/64"
H 39 3/8
Wt. 2.1 lbs.

Stair and Rail Balusters



Art. 1049/1
Mtl 9/16"
W 10 1/4"
H 39 3/8"
Wt. 8.4 lbs.



Art. 1051/1
Mtl 1/2"sq.
W 7 9/32"
H 39 3/8"
Wt. 4.0 lbs.



Art. 1051/2
Mtl 1/2"sq.
W 5 7/8"
H 39 3/8"
Wt. 4.0 lbs.



Art. 1051/3
Mtl 1/2"sq.
W 5 7/8"
H 39 3/8"
Wt. 4.0 lbs.

SUGGESTED NEWEL POSTS



Art. 113/1
Mtl 3/4" sq.
H 43"
Wt. 8.1 lbs.

Art. 113/2
Mtl 1 3/16" sq.
H 43"
Wt. 19.0 lbs.



Art. 113/7
Mtl 3/4" sq.
H 43"
Wt. 13 lbs.

Art. 113/8
Mtl 1 3/16" sq.
H 43"
Wt. 15 lbs.

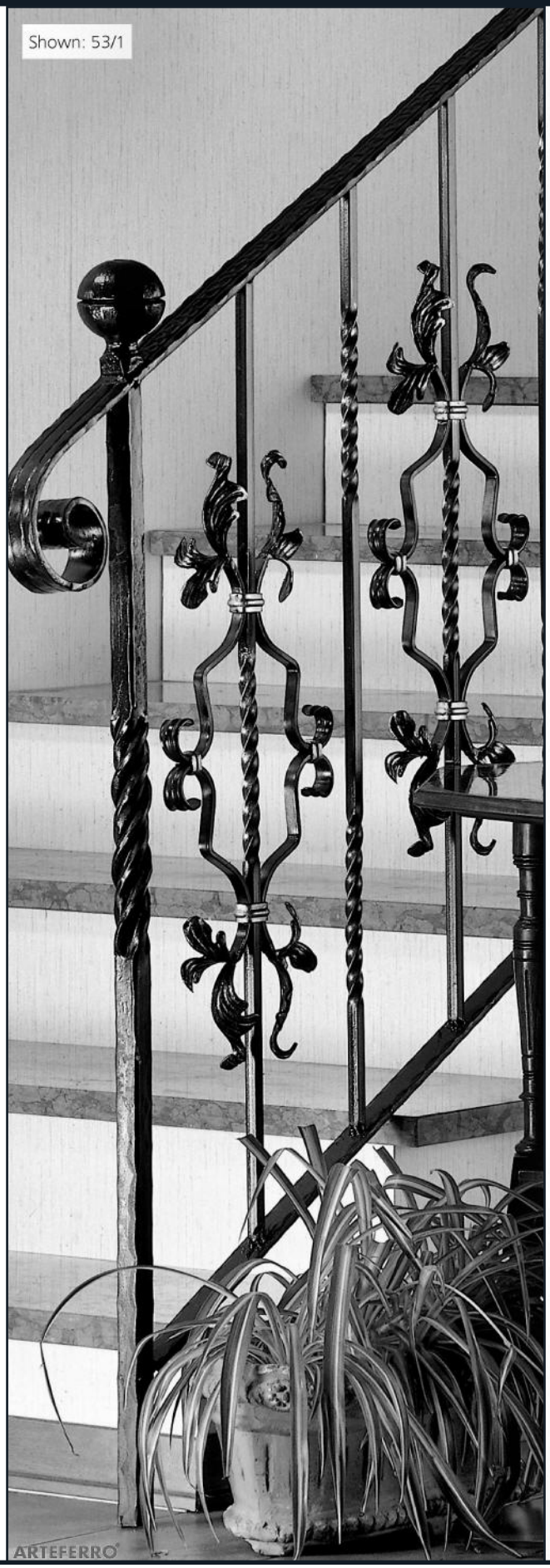


Art. 52/2
Mtl 1/2" sq.
W 9 1/4"
H 35 7/16"
Wt. 5.5 lbs.



Art. 52/A/3
Mtl 1/2" sq.
W 6 5/8"
H 35 7/16"
Wt. 3.5 lbs.







Art. 60/3
Mtl 1/2" sq.
W 4 3/4"
H 35 7/16"
Wt. 4 lbs.



Art. 64/A/3
Mtl 1/2" sq.
W 8 5/8"
H 35 7/16"
Wt. 4 lbs.



Art. 64/B/2
Mtl 1/2" sq.
W 8 5/8"
H 35 7/16"
Wt. 4.4 lbs.



Art. 53/1
Mtl 1/2" sq.
W 9 1/4"
H 35 7/16"
Wt. 5.1 lbs.

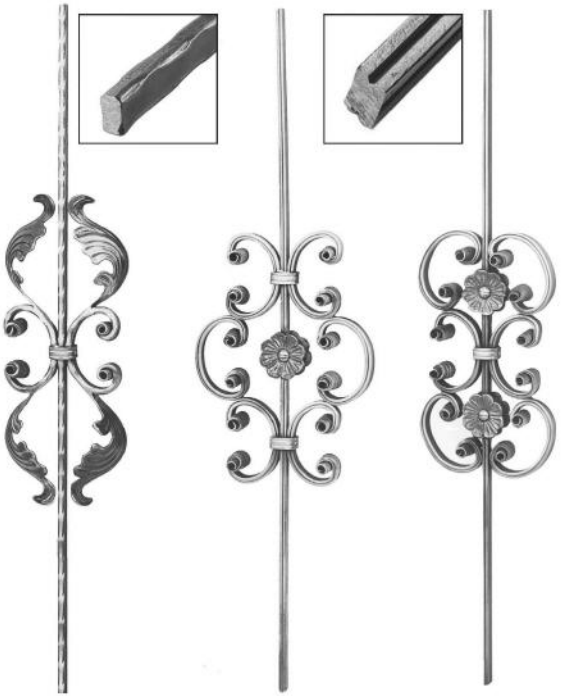
SUGGESTED NEWEL POSTS



Art. 113/4
Mtl 1 3/16" sq.
H 43"
Wt. 17.6 lbs.



Art. 113/8
Mtl 1 3/16" sq.
H 43"
Wt. 18.5 lbs.



Art. 486/1
Mtl 5/8" x 5/16"
W 5 1/2"
H 35 7/16"
Wt. 4.6 lbs.

Art. 487/1
Mtl 5/8" x 5/16"
W 9 1/16"
H 35 7/16"
Wt. 4.6 lbs.

Art. 488/1
Mtl 5/8" x 5/16"
W 7 1/2"
H 35 7/16"
Wt. 7.5 lbs.





Art. 469/1
Mtl 5/16" sq.
W 5 3/4"
H 35 7/16"
Wt. 3.2 lbs.



Art. 49/3
Mtl 1/2" sq.
W 7 1/16"
H 35 7/16"
Wt. 5.6 lbs.



Art. 64/A/1
Mtl 1/2" sq.
W 9 7/8"
H 35 7/16"
Wt. 5.1 lbs.



Art. 64/A/2
Mtl 1/2" sq.
W 10 1/4"
H 35 7/16"
Wt. 5.0 lbs.

SUGGESTED NEWEL POSTS



Art. 798/2
Mtl 1" sq.
H 43"
Wt. 11.4 lbs.

Art. 639/5
Mtl 13/16" sq.
H 47"
Wt. 8.0 lbs.





Art. 144/3
Mtl 1 3/16" dia.
H 35 7/16"
Wt. 2.2 lbs.



Art. 146/1
Mtl 1 9/16" dia.
H 35 7/16"
Wt. 3.1 lbs.



Art. 146/4
Mtl 1 9/16" dia.
H 35 7/16"
Wt. 3.3 lbs.





Art. 149/1
Mtl 1 3/16" dia.
H 35 7/16"
Wt. 2.1 lbs.



Art. 148/1
Mtl 1 3/16" dia.
H 35 7/16"
Wt. 2 lbs.



Art. 148/2
Mtl 1 3/16" dia.
H 35 7/16"
Wt. 2.1 lbs.

Stair and Rail Balusters

SUGGESTED NEWEL POSTS



Art. 145/3
Mtl 1 9/16" dia.
H 39 3/8"
Wt. 5.5 lbs.



Art. 806/6
Mtl 1 9/16" dia.
H 47"
Wt. 4.5 lbs.



Art. 537/1
Mtl 1 3/16" dia.
H 39 3/8"
Wt. 2.2 lbs.



Art. 537/2
Mtl 1 3/16" dia.
H 39 3/8"
Wt. 2.2 lbs.



Art. 537/3
Mtl 1 3/16" dia.
H 39 3/8"
Wt. 2.2 lbs.



Art. 537/4
Mtl 1 3/16" dia.
H 39 3/8"
Wt. 2.2 lbs.



Art. 537/5
Mtl 1 3/16" dia.
H 39 3/8"
Wt. 2.2 lbs.



Art. 537/6
Mtl 1 3/16" dia.
H 39 3/8"
Wt. 2.2 lbs.



Art. 537/7
Mtl 1 3/16" dia.
H 39 3/8"
Wt. 2.2 lbs.



Art. 537/8
Mtl 1 3/16" dia.
H 39 3/8"
Wt. 2.2 lbs.



Art. 537/9
Mtl 1 3/16" dia.
H 39 3/8"
Wt. 2.2 lbs.



Stair and Rail Balusters

SUGGESTED NEWEL POSTS



Steel tube with wooden bushing 2 31/64" dia.

Art. 806/6
Mtl 1 9/16" dia.
H 47"
Wt. 4.2 lbs.



Forged round post with wooden bushing 2 3/4" dia.

Art. 807/1
Mtl 1 3/16" dia.
H 47"
Wt. 16 lbs.



Art. 1229/1
Mtl 1 3/16" dia.
H 39 3/8"
Wt. 2.2 lbs.



Art. 1229/2
Mtl 1 3/16" dia.
H 39 3/8"
Wt. 2.2 lbs.



Art. 1229/3
Mtl 1 3/16" dia.
H 39 3/8"
Wt. 2.2 lbs.



Art. 1229/4
Mtl 1 3/16" dia.
H 39 3/8"
Wt. 2.2 lbs.



Art. 1229/5
Mtl 1 3/16" dia.
H 39 3/8"
Wt. 2.2 lbs.

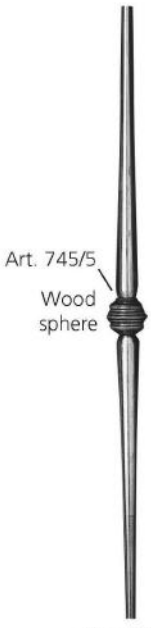


Art. 1229/6
Mtl 1 3/16" dia.
H 39 3/8"
Wt. 2.2 lbs.





Art. 533/4
Mtl 1 3/16" dia.
H 35"
Wt. 2.2 lbs.



Art. 530/4
Mtl 1 3/16" dia.
H 35 5/8"
Wt. 2.1lbs.



Art. 531/1
Mtl 1 3/16" dia.
H 35 7/16"
Wt. 2.2 lbs.

Stair and Rail Balusters



Art. 1231/1
Mtl 1 3/16" dia.
H 39 3/8"
Wt. 2.2 lbs.



Art. 1231/2
Mtl 1 3/16" dia.
H 39 3/8"
Wt. 2.2 lbs.



Art. 1231/3
Mtl 1 3/16" dia.
H 39 3/8"
Wt. 2.2 lbs.



Art. 1231/4
Mtl 1 3/16" dia.
H 39 3/8"
Wt. 2.2 lbs.



Art. 1234/3
Mtl 1 3/16" dia.
H 35 7/16"
Wt. 2.4 lbs.



Art. 1229/7
Mtl 1 3/16" dia.
H 19 3/8"
Wt. 1.1 lbs.



Art. 1229/8
Mtl 1 3/16" dia.
H 15 3/8"
Wt. 0.9 lbs.



Art. 1793/1
(ex 8045/1)
Mtl 2" dia.
H 39 3/8"
Wt. 5.3 lbs.



Art. 1793/2
(ex 8045/1)
Mtl 2" dia.
H 39 3/8"
Wt. 5.3 lbs.



Art. 1793/3
(ex 8045/1)
Mtl 2" dia.
H 39 3/8"
Wt. 5.3 lbs.



Art. 1793/4
(ex 8045/4)
Mtl 2" dia.
H 39 3/8"
Wt. 5.3 lbs.



Art. 525/1
Mtl 1 3/16" dia.
H 36 5/8"
Wt. 2.6 lbs.



Art. 527/2
Mtl 1 3/16" dia.
H 39 3/8"
Wt. 2.6 lbs.



Art. 527/3
Mtl 1 3/16" dia.
H 35 7/16"
Wt. 2.6 lbs.



Art. 160/17
Mtl 1/2" dia.
H 35 7/16"
Wt. 2.2 lbs.

Steel Balusters 47"



Art. 1157/8
Mtl 1 3/16" dia.
H 47"
Wt. 2.5 lbs.



Art. 1157/2
Mtl 9/16" sq.
H 47"
Wt. 4.1 lbs.



Art. 1157/3
Mtl 9/16" sq.
H 47"
Wt. 4.1 lbs.



Art. 1157/1
Mtl 9/16" sq.
H 47"
Wt. 4.1 lbs.



Art. 1157/5
Mtl 9/16" sq.
W 4 5/16"
H 47"
Wt. 5.1 lbs.



Art. 1157/4
Mtl 9/16" sq.
W 5 1/2"
H 47"
Wt. 4.4 lbs.



Art. 1159/11
Mtl 1/2" sq.
H 47"
Wt. 3.0 lbs.



Art. 1159/12
Mtl 1/2" sq.
H 47"
Wt. 3.0 lbs.



Art. 1158/12
Mtl 1/2" sq.
W 2 1/8"
H 47"
Wt. 4.3 lbs.



Art. 1158/13
Mtl 1/2" sq.
W 2 1/8"
H 47"
Wt. 4.3 lbs.



Art. 1158/14
Mtl 1/2" sq.
W 2 1/8"
H 47"
Wt. 4.3 lbs.



Art. 1158/15
Mtl 1/2" sq.
W 2 1/8"
H 47"
Wt. 4.1 lbs.



Art. 1158/16
Mtl 1/2" sq.
W 2 1/8"
H 47"
Wt. 4.3 lbs.



Art. 1158/17
Mtl 1/2" sq.
W 2 1/8"
H 47"
Wt. 4.1 lbs.



Art. 562/2/L
Mtl 9/16" sq.
H 47"
Wt. 4.4 lbs.



Art. 1158/1
Mtl 1/2" sq.
W 2 1/8"
H 47"
Wt. 3.2 lbs.



Art. 1158/2
Mtl 1/2" sq.
W 2 1/8"
H 47"
Wt. 3.3 lbs.

Steel Balusters 47"



Art. 1158/3
Mtl 1/2" sq.
W 2 1/8"
H 47"
Wt. 3.2 lbs.

Art. 1158/4
Mtl 1/2" sq.
W 2 1/8"
H 47"
Wt. 3.2 lbs.

Art. 64/L/4/L
Mtl 9/16" sq.
H 47"
Wt. 3.2 lbs.

Art. 64/L/3/L
Mtl 9/16" sq.
H 47"
Wt. 3.2 lbs.

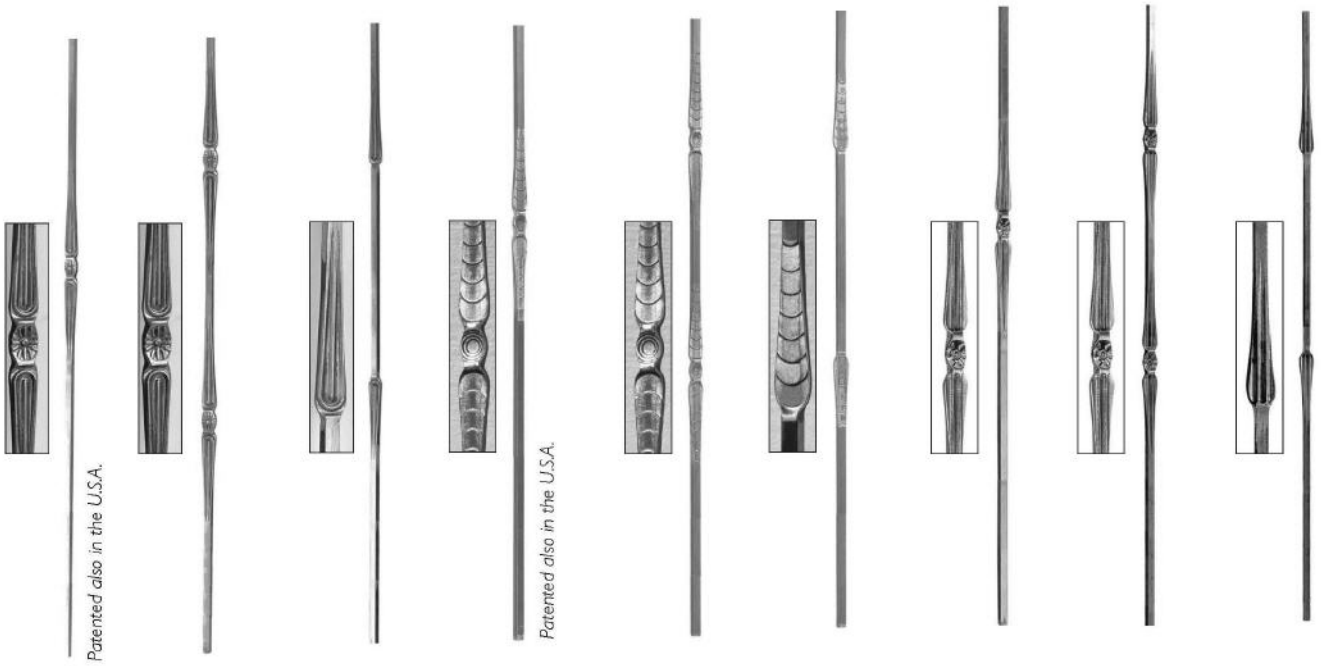
Art. 1158/9
Mtl 9/16" sq.
H 47"
Wt. 4.6 lbs.

Art. 1158/10
Mtl 9/16" sq.
H 47"
Wt. 4.1 lbs.

Art. 1159/10
Mtl 1/2" sq.
W 5 1/2"
H 47"
Wt. 3.6 lbs.

Art. 1159/9
Mtl 1/2" sq.
W 5 1/2"
H 47"
Wt. 4.2 lbs.

Art. 1160/6
Mtl 1/2" sq.
W 7 1/2"
H 47"
Wt. 4.8 lbs.



Art. 1156/1
Mtl 9/16" sq.
H 47"
Wt. 4.1 lbs.

Art. 1156/2
Mtl 9/16" sq.
H 47"
Wt. 4.1 lbs.

Art. 1156/3
Mtl 9/16" sq.
H 47"
Wt. 4.1 lbs.

Art. 1156/4
Mtl 9/16" sq.
H 47"
Wt. 4.1 lbs.

Art. 1156/5
Mtl 9/16" sq.
H 47"
Wt. 4.1 lbs.

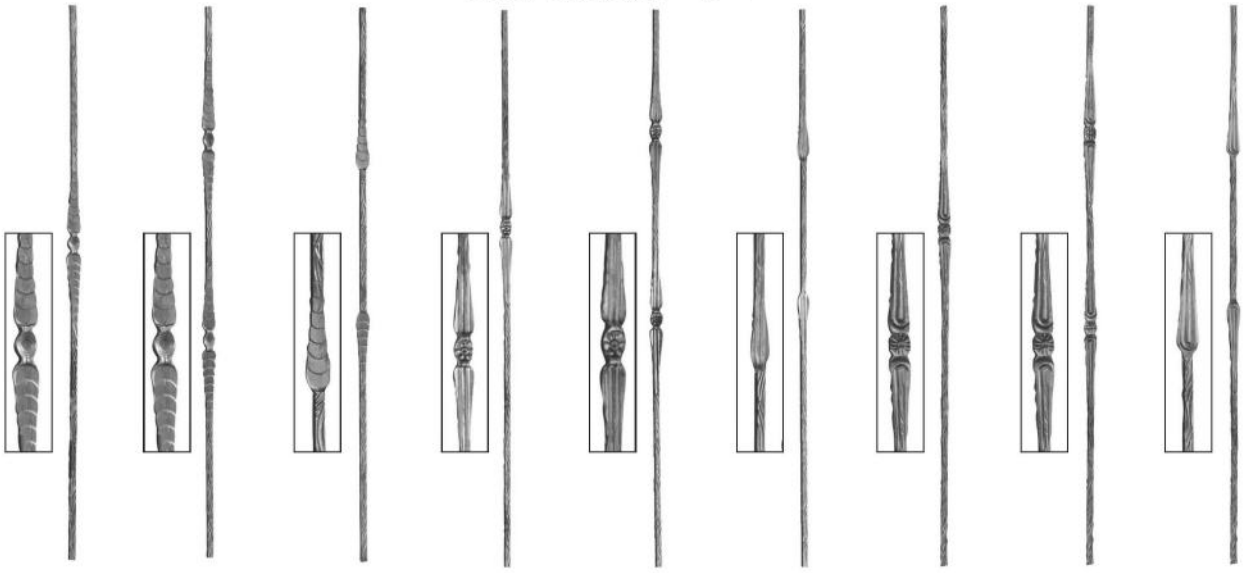
Art. 1156/6
Mtl 9/16" sq.
H 47"
Wt. 4.1 lbs.

Art. 1156/7
Mtl 9/16" sq.
H 47"
Wt. 4.1 lbs.

Art. 1156/8
Mtl 9/16" sq.
H 47"
Wt. 4.1 lbs.

Art. 1156/9
Mtl 9/16" sq.
H 47"
Wt. 4.1 lbs.

Steel Balusters 47″



Art. 1156/10 Mtl 9/16″ sq. H 47″ Wt. 4.1 lbs.

Art. 1156/11 Mtl 9/16″ sq. H 47″ Wt. 4.1 lbs.

Art. 1156/12 Mtl 9/16″ sq. H 47″ Wt. 4.1 lbs.

Art. 1156/13 Mtl 9/16″ sq. H 47″ Wt. 4.1 lbs.

Art. 1156/14 Mtl 9/16″ sq. H 47″ Wt. 4.1 lbs.

Art. 1156/15 Mtl 9/16″ sq. H 47″ Wt. 4.1 lbs.

Art. 1156/16 Mtl 9/16″ sq. H 47″ Wt. 4.1 lbs.

Art. 1156/17 Mtl 9/16″ sq. H 47″ Wt. 4.1 lbs.

Art. 1156/18 Mtl 9/16″ sq. H 47″ Wt. 4.1 lbs.



Art. 1160/1 Mtl 1/2″ sq. H 47″ Wt. 3.3 lbs.



Art. 1160/2 Mtl 1/2″ sq. H 47″ Wt. 3.3 lbs.



Art. 1160/4 Mtl 9/16″ sq. H 47″ Wt. 4.0 lbs.



Art. 597/3/L Mtl 9/16″ sq. H 47″ Wt. 3.3 lbs.



Hammered Stair and Rail Balusters

Patented also in the U.S.A.



Art. 1701/2
(ex 8027/2)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1701/4
(ex 8027/4)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1701/6
(ex 8027/6)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1701/8
(ex 8027/24)
Mtl 9/16" sq.
W 5 3/4"
H 39 3/8"
Wt. 4.2 lbs.



Art. 1733/12
(ex 9111/1)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.6 lbs.



Art. 1733/10
(ex 9111/2)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.5 lbs.



Art. 1701/10
(ex 8027/26)
Mtl 9/16" sq.
W 6 7/8"
H 39 3/8"
Wt. 4.9 lbs.



Art. 1701/12
(ex 8027/28)
Mtl 9/16" sq.
W 5 3/4"
H 39 3/8"
Wt. 5.3 lbs.

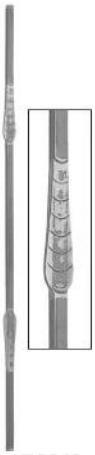
Patented also in the U.S.A.



Art. 1702/2
(ex 8027/11)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1702/4
(ex 8027/13)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1702/6
(ex 8027/15)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1702/8
(ex 8027/18)
Mtl 9/16" sq.
W 5 11/16"
H 39 3/8"
Wt. 4.2 lbs.



Art. 1702/10
(ex 8027/20)
Mtl 9/16" sq.
W 5 11/16"
H 39 3/8"
Wt. 4.9 lbs.



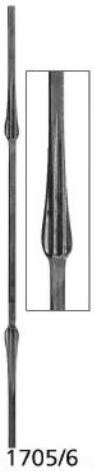
Art. 1702/12
(ex 8027/30)
Mtl 9/16" sq.
W 6 7/8"
H 39 3/8"
Wt. 4.9 lbs.



Art. 1705/2
(ex 8028/2)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1705/4
(ex 8028/4)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1705/6
(ex 8028/6)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1705/8
(ex 8028/8)
Mtl 9/16" sq.
W 5 11/16"
H 39 3/8"
Wt. 4.2 lbs.



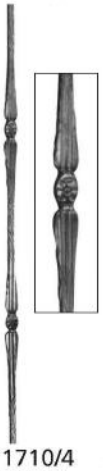
Art. 1705/10
(ex 8028/10)
Mtl 9/16" sq.
W 6 7/8"
H 39 3/8"
Wt. 4.9 lbs.



Art. 1705/12
(ex 8028/12)
Mtl 9/16" sq.
W 5 11/16"
H 39 3/8"
Wt. 4.9 lbs.



Art. 1710/2
(ex 9114/7)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1710/4
(ex 9114/8)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1710/6
(ex 9114/9)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1710/8
(ex 9114/10)
Mtl 9/16" sq.
H 39 3/8"
Wt. 4.4 lbs.

Hammered Stair and Rail Balusters



Art. 1710/10
(ex 9114/11)
Mtl 9/16" sq.
H 39 3/8"
Wt. 4.4 lbs.



Art. 1710/12
(ex 9114/12)
Mtl 9/16" sq.
H 39 3/8"
Wt. 4.4 lbs.



Art. 1730/2
(ex 8029/2)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1730/4
(ex 8028/4)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1730/6
(ex 8028/6)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1730/8
(ex 8028/8)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1710/14
(ex 9115/1)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1710/16
(ex 9115/2)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1710/18
(ex 9115/3)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1710/20
(ex 9115/4)
Mtl 9/16" sq.
H 39 3/8"
Wt. 4.4 lbs.



Art. 1710/22
(ex 9115/5)
Mtl 9/16" sq.
H 39 3/8"
Wt. 4.4 lbs.



Art. 1710/24
(ex 9115/6)
Mtl 9/16" sq.
H 39 3/8"
Wt. 4.4 lbs.



Art. 1713/2
(ex 9114/1)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1713/4
(ex 9114/2)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1713/6
(ex 9114/3)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1713/8
(ex 9114/4)
Mtl 9/16" sq.
H 39 3/8"
Wt. 4.4 lbs.



Art. 1713/10
(ex 9114/5)
Mtl 9/16" sq.
H 39 3/8"
Wt. 4.4 lbs.



Art. 1713/12
(ex 9114/6)
Mtl 9/16" sq.
H 39 3/8"
Wt. 4.4 lbs.



Art. 1716/14
(ex 9114/7)
Mtl 9/16" dia.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1716/16
(ex 9114/8)
Mtl 9/16" dia.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1716/18
(ex 9114/9)
Mtl 9/16" dia.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1716/20
(ex 9114/10)
Mtl 9/16" dia.
H 39 3/8"
Wt. 4.4 lbs.



Art. 1716/22
(ex 9114/11)
Mtl 9/16" dia.
H 39 3/8"
Wt. 4.4 lbs.



Art. 1716/24
(ex 9114/12)
Mtl 9/16" dia.
H 39 3/8"
Wt. 4.4 lbs.



Art. 1729/2
(ex 9116/1)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.6 lbs.



Art. 1729/4
(ex 9116/2)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.5 lbs.



Art. 1729/6
(ex 9116/3)
Mtl 9/16" sq.
H 39 3/8"
Wt. 5.1 lbs.



Art. 1729/8
(ex 9116/4)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.1 lbs.



Art. 1729/10
(ex 9116/5)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1729/12
(ex 9116/6)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.4 lbs.



Art. 1131/3
Mtl 9/16" sq.
W 5 1/8"
H 39 3/8"
Wt. 3.5 lbs.



Art. 1055/2
Mtl 1/2" sq.
H 4 1/2"
H 39 3/8"
Wt. 2.4 lbs.



Art. 615/2
W 4 3/4"
H 35 7/16"
Wt. 2.8 lbs.



Art. 615/3
W 4 15/16"
H 35 7/16"
Wt. 2.3 lbs.



Art. 615/4
W 2 3/4"
H 35 7/16"
Wt. 2.1 lbs.





Art. 617/1
W 3 9/16"
H 35 7/16"
Wt. 1.8 lbs.



Art. 617/2
W 3 9/16"
H 35 7/16"
Wt. 1.9 lbs.



Art. 617/3
W 4 3/4"
H 35 7/16"
Wt. 1.8 lbs.



Art. 617/4
W 4 3/4"
H 35 7/16"
Wt. 1.9 lbs.



Art. 617/5
W 4 3/4"
H 35 7/16"
Wt. 3.1 lbs.



Art. 615/1
W 5 7/8"
H 35 7/16"
Wt. 2.8 lbs.



Art. 617/6
H 35 7/16"
Wt. 1.9 lbs.



Art. 617/7
H 35 7/16"
Wt. 1.7 lbs.



Art. 1068/1
Mtl 1/2" dia.
W 6 7/8"
H 39 3/8"
Wt. 5.1 lbs.



Art. 1068/2
Mtl 1/2" dia.
W 6 7/8"
H 39 3/8"
Wt. 5.1 lbs.



Art. 1068/3
Mtl 1/2" dia.
W 6 7/8"
H 39 3/8"
Wt. 5.1 lbs.



Art. 1068/4
Mtl 1/2" dia.
W 6 7/8"
H 39 3/8"
Wt. 5.1 lbs.

Stair and Rail Balusters



Art. 1054/4
Mtl 1/2" dia.
W 4 5/16"
H 39 3/8"
Wt. 2.9 lbs.



Art. 1054/5
Mtl 1/2" dia.
W 8 9/32"
H 39 3/8"
Wt. 2.9 lbs.



Art. 1054/6
Mtl 1/2" dia.
W 4 5/16"
H 39 3/8"
Wt. 2.5 lbs.



Art. 1053/1
Mtl 15/16" x 1/2"
W 14 5/32"
H 39 3/8"
Wt. 7.3 lbs.



Art. 1089/3
Mtl 1/2" sq.
W 3 15/16"
H 39 3/8"
Wt. 3.3 lbs.



Art. 1089/4
Mtl 1/2" sq.
W 6 1/2"
H 39 3/8"
Wt. 4 lbs.



Art. 1097/3
Mtl 1/2" sq.
W 4 1/8"
H 39 3/8"
Wt. 3.1 lbs.



Art. 1115/1
Mtl 1/2" sq.
W 4 1/8"
H 39 3/8"
Wt. 2.6 lbs.



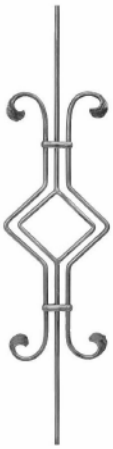
Art. 1115/2
Mtl 1/2" sq.
W 4 1/8"
H 39 3/8"
Wt. 2.8 lbs.



Art. 1073/1
Mtl 3/8" dia.
W 9 7/16"
H 39 3/8"
Wt. 2.7 lbs.



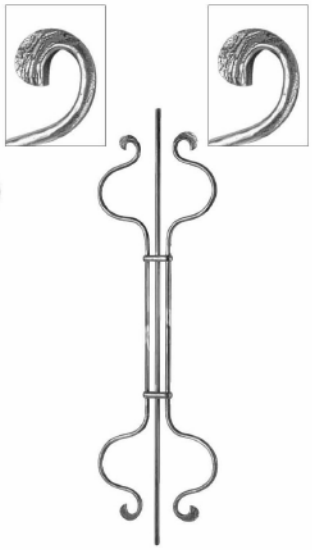
Art. 1073/2
Mtl 3/8" dia.
W 9 7/16"
H 39 3/8"
Wt. 4.4 lbs.



Art. 1074/1
Mtl 3/8" dia.
W 8 1/16"
H 39 3/8"
Wt. 4.1 lbs.



Art. 1075/1
Mtl 3/8" dia.
W 9 5/8"
H 39 3/8"
Wt. 4.6 lbs.



Art. 1075/2
Mtl 3/8" dia.
W 9 5/8"
H 39 3/8"
Wt. 4.5 lbs.



Art. 1073/3
Mtl 3/8" dia.
W 6 5/16"
H 39 3/8"
Wt. 3.8 lbs.



Art. 1074/2
Mtl 3/8" dia.
W 9 1/16"
H 39 3/8"
Wt. 4.0 lbs.



Art. 1141/1
Mtl 15/16" x 1/2"
W 7 11/16"
H 39 3/8"
Wt. 7.7 lbs.



Art. 1141/2
Mtl 15/16" x 1/2"
W 7 11/16"
H 39 3/8"
Wt. 7.7 lbs.



Balcony Elements



Art. GD0021/Q20
Mtl 3/4" sq.
W 11 39/64" approx
H 35 53/64" approx
Wt. 10 lbs.

Art. GD0021/Q16
Mtl 5/8" sq.
W 11 39/64" approx
H 35 53/64" approx
Wt. 6.8 lbs.



Art. 578/15
Mtl 9/16" dia.
H 35 7/16"
Wt. 3.0 lbs.



Art. 1783/3
Mtl 1/2" dia.
H 35 7/16"
Wt. 3.4 lbs.

Hot Forged



Art. 1783/5
Mtl 1/2" sq.
H 35 7/16"
Wt. 3.4 lbs.



Art. 47/11
Mtl 9/16" sq.
W 2 1/8"
H 35 7/16"
Wt. 3.3 lbs.



Art. 47/10
Mtl 9/16" sq.
H 35 7/16"
Wt. 3.0 lbs.



Art. 47/12
Mtl 1/2" sq.
H 35 7/16"
Wt. 3.1 lbs.



Art. 47/9
Mtl 1/2" sq.
H 35 7/16"
Wt. 3.4 lbs.



BEL5/8X36
Mtl. 5/8" Sq. x 16 ga. Tubing
36" H.
Wt. 1.25 lbs

Square Tubing
Belly Picket
5/8" Sq. x 36" H.



Forged Pickets, Scrolls, & Railing



Art. 64/D/4
Mtl 1/2" sq.
H 35 7/16"
Wt. 2.3 lbs.



Art. 1782/1
(ex 9121/1)
Mtl 9/16" sq.
H 39 3/8"
Wt. 4.1 lbs.



Art. 70/D/5
Mtl 9/16" sq.
H 35 7/16"
Wt. 3.4 lbs.





Art. 64/H/2
Mtl 9/16" sq.
H 35 7/16"
Wt. 3.0 lbs.



Art. 64/H/4
Mtl 9/16" sq.
W 1 3/16"
H 35 7/16"
Wt. 2.9 lbs.



Art. 64/H/6
Mtl 9/16" sq.
W 5 1/2"
H 35 7/16"
Wt. 3.5 lbs.



Art. 64/H/10
Mtl 9/16" sq.
W 1 3/16"
H 35 7/16"
Wt. 3.1 lbs.



Art. 64/H/8
Mtl 9/16" sq.
W 8 7/8"
H 35 7/16"
Wt. 5.5 lbs.



Art. 1782/7
(ex 8033/2)
Mtl 9/16" sq.
W 8 1/4"
H 39 3/8"
Wt. 5.8 lbs.



Art. 1782/8
(ex 8033/3)
Mtl 9/16" sq.
W 8 1/4"
H 39 3/8"
Wt. 6.2 lbs.



Art. 1782/9
(ex 8033/4)
Mtl 9/16" sq.
W 9 7/8"
H 39 3/8"
Wt. 6.8 lbs.

IND 106





Art. 44/12
Mtl 1 9/16" x 5/16"
H 39 3/8"
Wt. 7.7 lbs.



Art. 1791/1
(ex 8032/1)
Mtl 1 9/16" x 5/16"
H 39 3/8"
Wt. 5.7 lbs.



Art. 1785/4
(ex 8032/5)
Mtl 1 3/16" x 3/16"
H 37 13/32"
Wt. 5.7 lbs.



Art. 46/6
Mtl 1 9/16" x 5/32"
H 31 1/2"
Wt. 3.2 lbs.



Art. 1789/5
(ex 9120/1)
Mtl 1 7/32" x 3/16"
H 31 1/2"
Wt. 1.9 lbs.



Art. 1789/1
(ex 9120/2)
Mtl 1 7/32" x 3/16"
H 31 1/2"
Wt. 1.6 lbs.



Art. 1789/3
(ex 9120/3)
Mtl 1 7/32" x 3/16"
H 31 1/2"
Wt. 1.1 lbs.



Art. 1789/4
(ex 9120/4)
Mtl 1 7/32" x 3/16"
H 31 1/2"
Wt. 1.9 lbs.



Art. 1789/2
(ex 9120/5)
Mtl 1 1/4" x 3/16"
H 31 1/2"
Wt. 2.0 lbs.



Art. 47/1
Mtl 1/2" sq.
W 6 5/16"
H 35 7/16"
Wt. 3.4 lbs.



Art. 1702/14
(ex 8027/22)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.6 lbs.



Art. 1705/14
(ex 8028/14)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.6 lbs.



Art. 1701/14
(ex 8027/8)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.6 lbs.



Art. 1779/14
(ex 9121/2)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.6 lbs.



Art. 1780/10
(ex 9121/3)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.6 lbs.



Art. 1780/12
(ex 9121/4)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.6 lbs.



Art. 1780/14
(ex 9121/5)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.6 lbs.



Art. 1780/16
(ex 9121/6)
Mtl 9/16" sq.
H 39 3/8"
Wt. 3.6 lbs.

13-96 Forged Pickets, Scrolls, & Railing

IND 108





New Items



Balusters: 1160/8, 488/1

Art. 1206/1
Mtl 1 3/16" sq.
W 10 5/8" x H 47"
Wt. 24.2 lbs.



Balusters: 505/3, 505/4, 105/3, 105/4

Art. 799/1
Mtl 1" sq.
H 43 5/16"
Wt. 17.16 lbs.



Art. 112/B/9
Mtl 25/32" sq.
H 42"
Wt. 8.0 lbs.



Art. 639/5
Mtl 13/16" sq.
H 47"
Wt. 8.0 lbs.



Shown: 112/B/9



Shown: 799/1

IND 111



Forged Newel Posts



Art. 798/2
Mtl 1" sq.
H 43"
Wt. 11.4 lbs.



Art. 112/9
Mtl 1 3/16" sq.
H 47"
Wt. 14.1 lbs.



Art. 112/10
Mtl 1 3/16" sq.
H 47"
Wt. 14.3 lbs.



Art. 112/11
Mtl 1 3/16" sq.
H 47"
Wt. 14.3 lbs.





Art. 112/7
Mtl 1" sq.
H 47"
Wt. 14.5 lbs.



Art. 112/5
Mtl 1" sq.
H 47"
Wt. 12.5 lbs.

Art. 799/3
Mtl 1 9/16" sq.
H 47"
Wt. 37.4 lbs.



Art. 113/5
Mtl 3/4" sq.
H 43"
Wt. 8.4 lbs.

Art. 113/6
Mtl 1 3/16" sq.
H 43"
Wt. 17 lbs.



Art. 113/7
Mtl 3/4" sq.
H 43"
Wt. 13 lbs.

Art. 113/8
Mtl 1 3/16" sq.
H 43"
Wt. 15 lbs.

Newel Posts



Art. 1775/13
(ex 9147/1)
Mtl 1″ sq.
H 47″
Wt. 13 lbs.

Art. 1775/14
(ex 9147/3)
Mtl 1 3/16″ sq.
H 47″
Wt. 18.7 lbs.



Balusters: 1159/5, 1159/6, 105/1, 105/2

Art. 1775/15
Mtl 1″ sq.
H 47″
Wt. 13 lbs.



Balusters: 576/1, 576/2

Art. 801/5
Mtl 1″ dia.
H 47″
Wt. 11 lbs.



Art. GD0029
Mtl 1 3/16″ sq.
H 51 3/16″
Wt. 20.3 lbs.



Balusters: 499/1, 499/2

Art. 797/2
Mtl 1 3/16″ dia.
H 47″
Wt. 11.5 lbs.

Art. 797/7
Mtl 1 9/16″ dia.
H 47″
Wt. 29 lbs.



Balusters: 118/H/1

Art. 112/3
Mtl 1″ sq.
H 47″
Wt. 14 lbs.



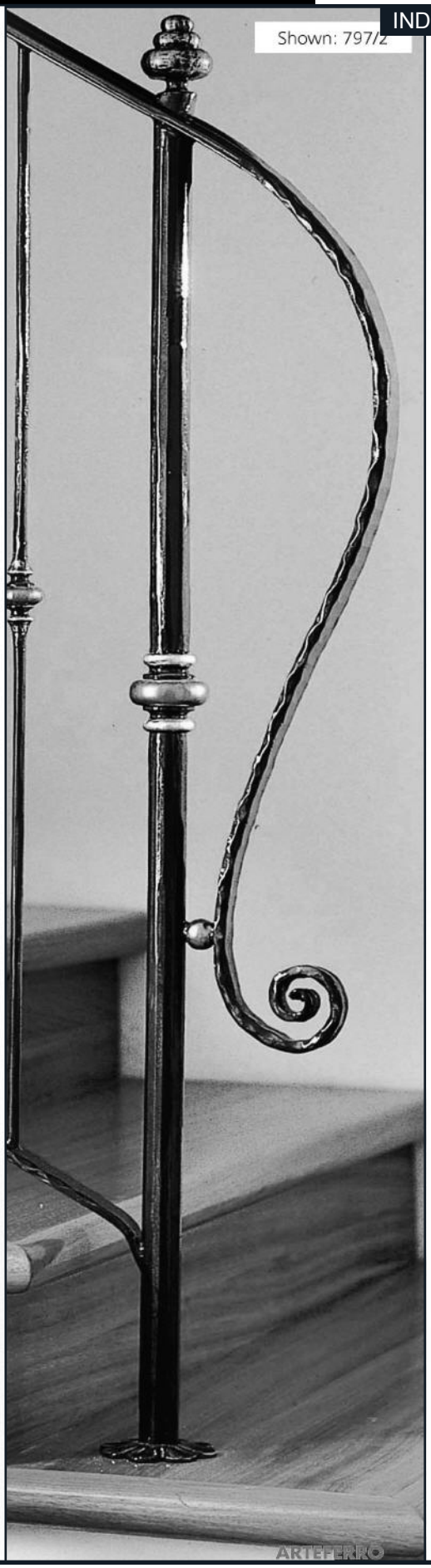
Balusters: 64/F/3, 64/F/5, 64/F/7, 64/F/9, 64/G/2

Art. 64/F/1
Mtl 1″ sq.
H 47″
Wt. 13 lbs.



Balusters: 64/I/3, 64/I/4

Art. 64/I/1
Mtl 1″ sq.
H 47″
Wt. 14.7 lbs.



13-100 Forged Pickets, Scrolls, & Railing

IND 113



Newel Posts



Balusters: 118/H/1, 118/H/2, 488/1



Art. 802/1
Mtl 1 3/16" sq.
W 13 3/4"
H 39 3/8"
Wt. 37.8 lbs.

Art. 802/2
Mtl 1" x 1/2"
W 10 5/8"
H 25 5/8"
Wt. 15.8 lbs.



Balusters: 48/1, 48/2



Balusters: 48/3, 48/4

Art. 113/1
Mtl 3/4" sq.
H 43"
Wt. 8 lbs.

Art. 113/2
Mtl 1 3/16" sq.
H 43"
Wt. 17.6 lbs.

Art. 113/3
Mtl 3/4" sq.
H 43"
Wt. 8 lbs.

Art. 113/4
Mtl 1 3/16" sq.
H 43"
Wt. 20 lbs.

Newel Posts



Art. 1207/1
Mtl 2 3/8" sq.
W 3 11/32"
H 47"
Wt. 26.4 lbs.



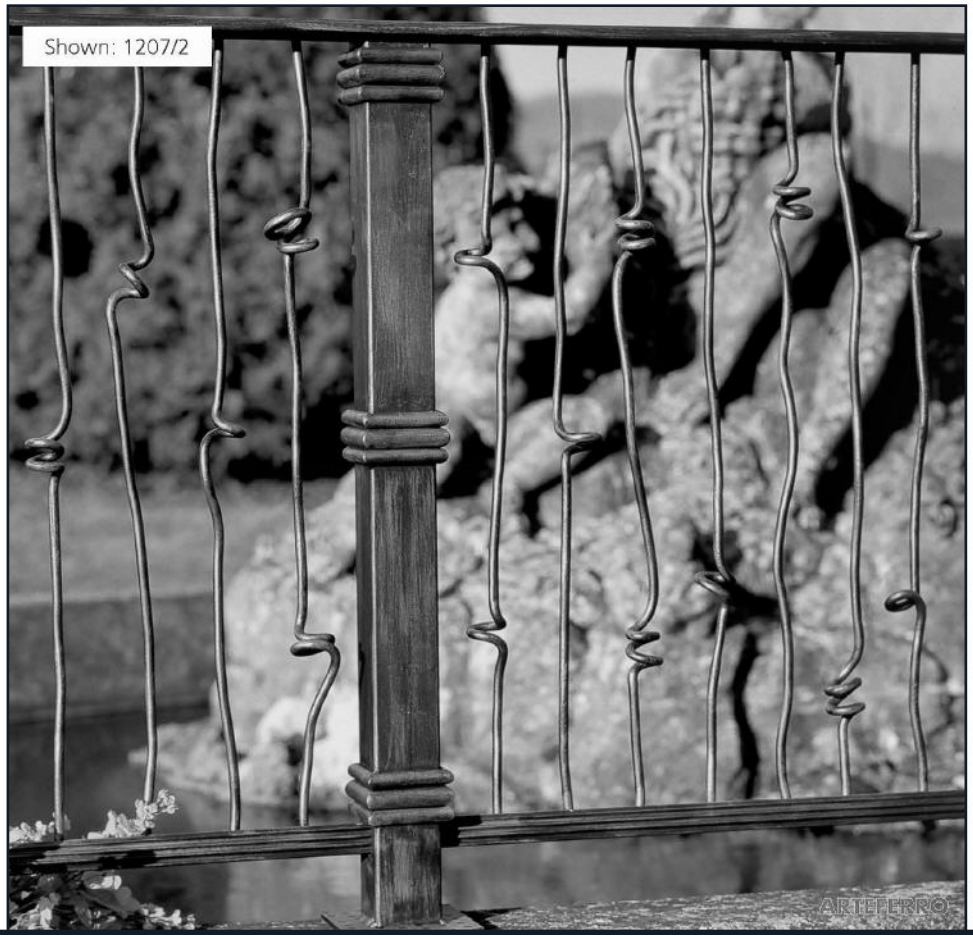
Art. 1207/2
Mtl 3 5/32" sq.
W 4 1/8"
H 47"
Wt. 33 lbs.



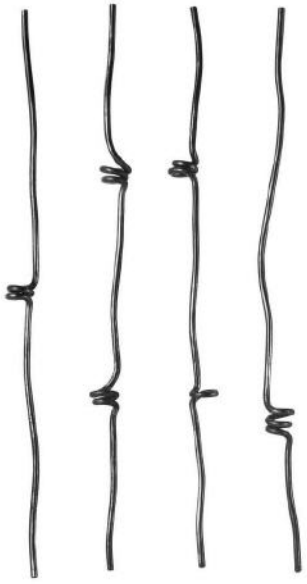
Art. 1207/3
Mtl 2 15/16" dia.
W 3 15/16"
H 47"
Wt. 24 lbs.



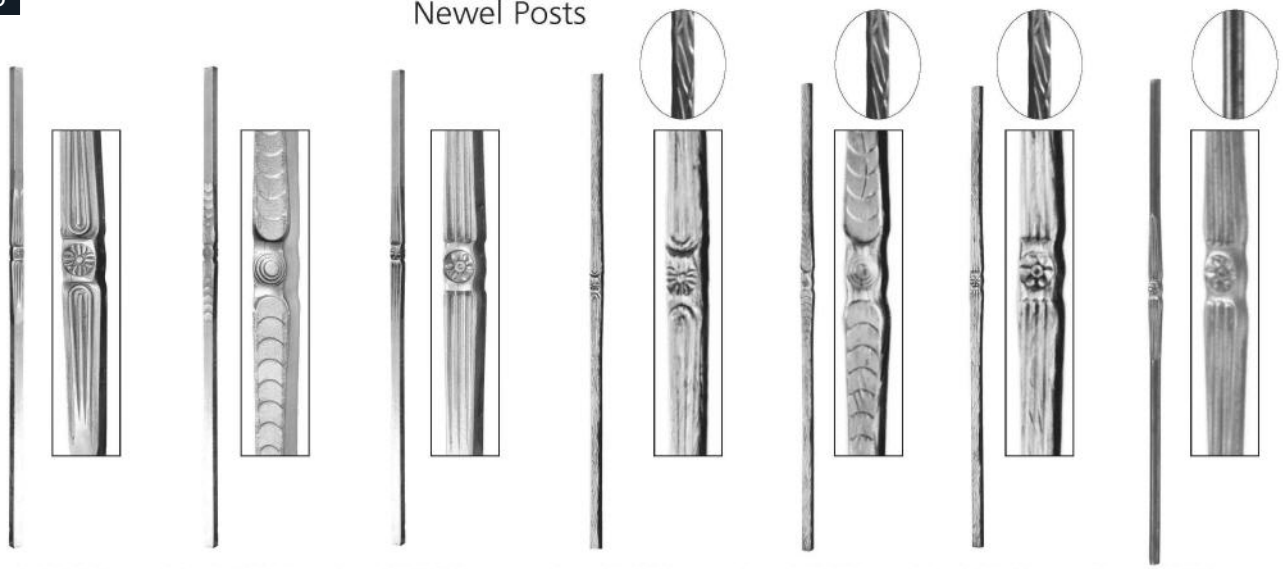
Art. 1207/4
Mtl 2 15/16" dia.
W 5 5/16"
H 47"
Wt. 29.7 lbs.



Match for balusters:
1167/1, 1167/2, 1167/3, 1167/4



Newel Posts



Art. 1701/15
(ex 8027/9)
Mtl 1″ sq.
H 47″
Wt. 13 lbs.

Art. 1702/15
(ex 8027/16)
Mtl 1″ sq.
H 47″
Wt. 13 lbs.

Art. 1705/15
(ex 8028/15)
Mtl 1″ sq.
H 47″
Wt. 13 lbs.

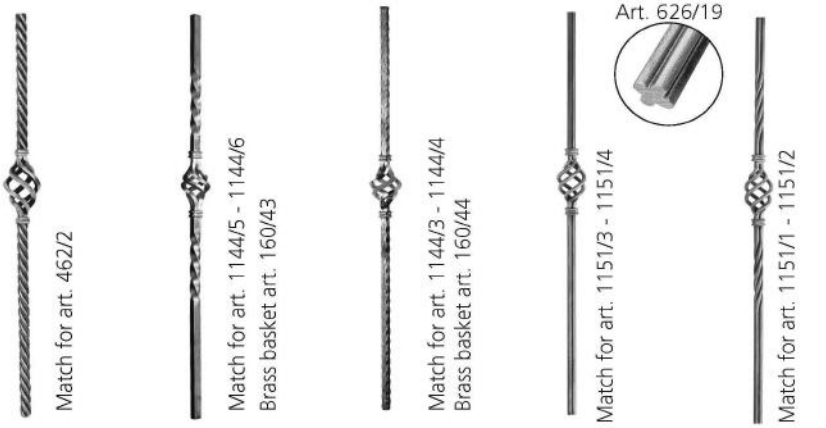
Art. 1777/6
(ex 9146/1)
Mtl 1″ sq.
H 47″
Wt. 13 lbs.

Art. 1777/5
(ex 9146/2)
Mtl 1″ sq.
H 47″
Wt. 13 lbs.

Art. 1777/4
(ex 9146/3)
Mtl 1″ sq.
H 47″
Wt. 13 lbs.

Art. 1777/1
(ex 9146/4)
Mtl 1″ sq.
H 47″
Wt. 13 lbs.





Art. 801/4
Mtl 1 3/16″ dia.
H 43″
Wt. 11 lbs.

Art. 1149/7
Mtl 3/4″ sq.
H 47″
Wt. 8.1 lbs.

Art. 1149/8
Mtl 3/4″ sq.
H 47″
Wt. 8.1 lbs.

Art. 1203/1
Mtl 15/16″ dia.
H 47″
Wt. 7.7 lbs.

Art. 1203/2
Mtl 15/16″ dia.
H 47″
Wt. 7.7 lbs.



Art. 145/3
Mtl 1 9/16″ dia.
H 39 3/8″
Wt. 5.5 lbs.

Art. 111/3
Mtl 1 3/16″ sq.
H 47″
Wt. 15.8 lbs.

Art. 806/6
Tube Mtl 1 9/16″ dia.
H 47″
Wt. 4.5 lbs.

Art. 807/1
Mtl 1 3/16″ dia.
H 47″
Wt. 16 lbs.

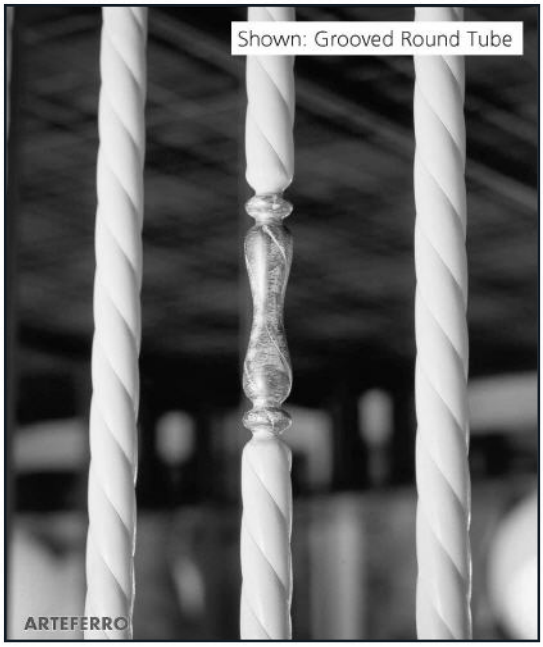
New Items



Art. 626/1
Mtl 1 9/16″dia.
1/8″ Thick
L 10′ approx
Wt. 17 lbs.



Art. 1375/1
Mtl 5/8″dia.
1/16″ Thick
L 10′ approx







Art. 1794/9
Mtl 1 9/16″ dia.
3/32″ Thick
L 10′ approx
Wt. 7.5 lbs.



MCRMTH
Tubular Handrail:
Width 1 3/4″
Channel 1″
Length 20′ feet
Thickness 14 gauge

13-104 Forged Pickets, Scrolls, & Railing

IND 119

Handrails



Art. 114/1
Mtl 2 9/32" x 9/16"
L 78 3/4" or 6.5 ft.
Wt. 30 lbs.
Forged



Art. 114/2
Mtl 2 9/32" x 11/16"
L 78 3/4" or 6.5 ft.
Wt. 30 lbs.

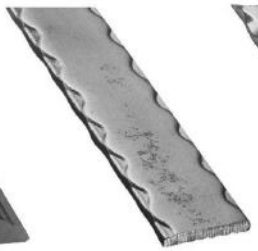


Art. 114/A/3
Mtl 2" x 9/16"
L 10' approx.
Wt. 28 lbs.

Art. 1373/4
Mtl 1 9/16" x 7/16"
L 10' approx.
Wt. 18 lbs.



Art. 811/2
Mtl 2 9/32" x 5/8"
L 13' approx.
Wt. 48.4 lbs.
Forged



Art. 114/8
Mtl 1 9/16" x 5/16"
L 10' approx.
Wt. 16.6 lbs.



Art. 114/5
Mtl 1 9/16" x 5/16"
L 10' approx.
Wt. 16.5 lbs.



Art. 114/9
Mtl 1 3/16" x 5/16"
L 10' approx.
Wt. 12.8 lbs.



Art. 114/4
Mtl 1 9/16" x 5/16"
L 10' approx.
Wt. 16.5 lbs.



Art. 114/11
Mtl 1 9/16" x 5/16"
L 10' approx.
Wt. 16.5 lbs.



Art. 114/12
Mtl 1 9/16" x 5/16"
L 10' approx.
Wt. 16.5 lbs.

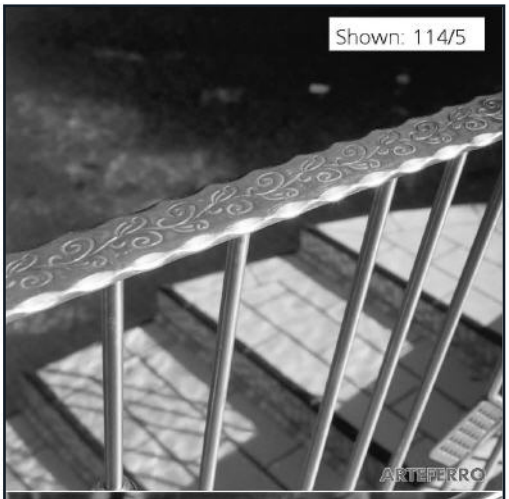


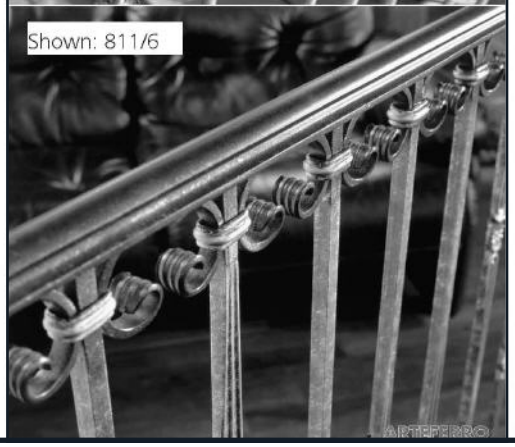
Art. 114/A/1
Mtl 1 23/32" x 9/32"
L 143 23/32"
Wt. 16.5 lbs.

Art. 114/A/2
Mtl 2 3/32" x 11/32"
L 143 23/32"
Wt. 26.4 lbs.



Art. 118/29
Mtl 1 9/16" x 1/8"
L 10' approx.
Wt. 8.3 lbs.





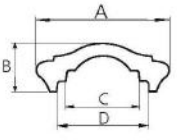


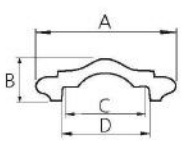
Art. 811/6/58 (MCR112)
A 2 7/32"
B 13/16"
C 1 11/32"
D 1 9/16"
Wt. 40.6 lbs.
L 19' approx.

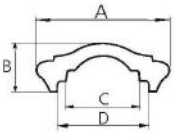
Art. 811/7 (MCR)
A 1 3/4"
B 9/16"
C 1"
D 1 3/32"
Wt. 25.4 lbs.
L 19' 8" approx.



Art. 811/8
A 1 15/16"
B 3/4"
C 1 1/16"
D 1 11/32"
Wt. 25.4 lbs.
L 19' 8" approx.







Choosing a handrail is as important as the balusters!
Our 114/1 and 114/2 give a forged look. The 114/1 is somewhat less formal in design. Any of these rails work beautifully with our balusters and scrolls.

Handrails





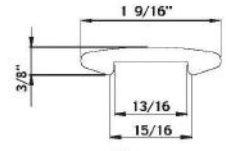
Art. 810/A/20/T
L ≈ 19′ 8″ approx.
Wt. 25.5 lbs.



Sizes in inches are approximate
Weights in pounds and kilograms are approximate

* To fit 3/4" tubing, channel or flat

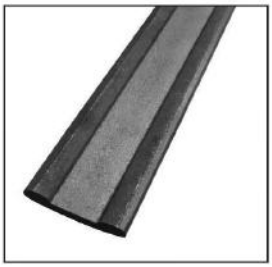


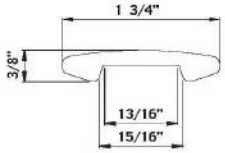


*

Art. 810/B/16/T
L ≈ 19′ 8″ approx.
Wt. 25.08 lbs.

* To fit 3/4" tubing, channel or flat



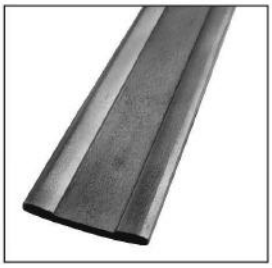


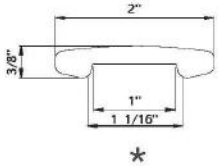
*



Art. 810/B/17/T
L ≈ 19′ 8″ approx.
Wt. 37.8 lbs.

* To fit 1" tubing, channel or flat





*



Art. 810/B/18/T
L ≈ 19′ 8″ approx.
Wt. 41.8 lbs.

13-106 Forged Pickets, Scrolls, & Railing

IND 121



Handrails

* To fit 9/16" square bar





Art. 810/B/5/T
L ≈ 19' 8" approx.
Wt. 22 lbs.

Sizes in inches are approximate - Weights in pounds and kilograms are approximate

* To fit 3/4" tubing channel or flat





Art. 810/B/6/T
L ≈ 19' 8" approx.
Wt. 21 lbs.

* To fit 3/4" tubing channel or flat





Art. 810/B/7/T
L ≈ 19' 8" approx.
Wt. 37.8 lbs.

* To fit 1" tubing channel or flat

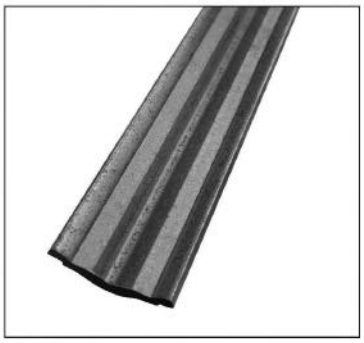




Art. 810/B/8/T
L ≈ 19' 8" approx.
Wt. 52 lbs.

Handrails

* To fit 1" tubing channel or flat





*

Art. 810/B/20/T
L ≈ 19' 8" approx.
Wt. 22 lbs.



Sizes in inches are approximate - Weights in pounds and kilograms are approximate

* To fit 11/4" tubing channel or flat





*

Art. 811/7/T
L ≈ 19' 8" approx.
Wt. 20.7 lbs.

* To fit 11/4" tubing channel or flat





*

Art. 811/8/T
L ≈ 19' 8" approx.
Wt. 31.24 lbs.

* To fit 11/4" and 1 9/16" tubing channel or flat





*

Art. 811/6/T
L ≈ 19' 8" approx.
Wt. 36.1 lbs.

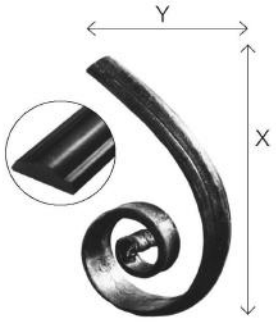
End Pieces for Handrails



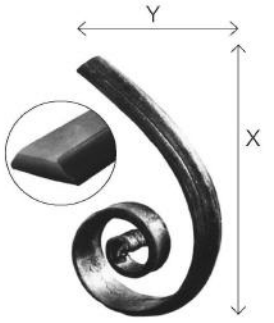
Art. 115/1
for handrail Art. 114/1
Wt. 6.13 lbs.
X = 10 3/4"
Y = 16 3/16"



Art. 115/2
for handrail Art. 114/2
Wt. 4.5 lbs.
X = 10 3/4"
Y = 16 3/16"



Art. 115/3
for handrail Art. 114/2
Wt. 6.14 lbs.
X = 7 5/16"
Y = 12 3/16"



Art. 115/4
for handrail Art. 114/1
Wt. 6.2 lbs.
X = 7 5/16"
Y = 12 3/16 "



Art. 115/5
for handrail Art. 114/1
Wt. 12.11 lbs.
X = 30"
Y = 27 3/8"



X = 11 13/16"
Y = 4 11/32"

Art. 114/B/14
for handrail Art. 114/A/3
Wt. 5.8 lbs.



Art. 1377/12
for handrail Art. 1373/4
Wt. 3.5 lbs.



Art. 1817/7
(ex 9154/1)
for handrail Art. 811/2
Wt. 6.9 lbs.





X = 5 1/8"
Y = 4 11/32"

Art. 114/B/13
for handrail Art. 114/A/3
Wt. 5.8 lbs.

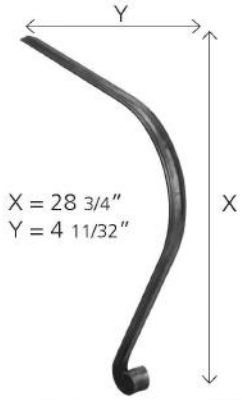


Art. 1377/25
for handrail Art. 1373/4
Wt. 3.9 lbs.



Art. 812/14
for handrail Art. 811/2
Wt. 6.9 lbs.





X = 28 3/4"
Y = 4 11/32"

Art. 114/B/15
for handrail Art. 114/A/3
Wt. 14.5 lbs.

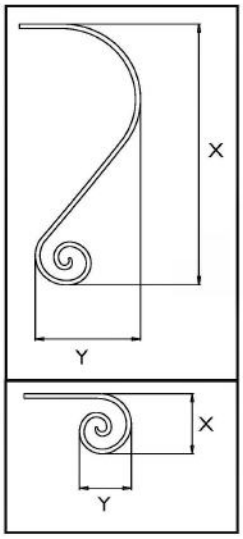


Art. 1377/38
for handrail Art. 1373/4
Wt. 8.6 lbs.



Art. 1817/4
(ex 91542)
for handrail Art. 811/2
Wt. 17.2 lbs.





MEASUREMENTS ARE SUBJECT TO CHANGE





X = 11 13/16"
Y = 4 11/32"

Art. 1377/40
for handrail Art. 811/6
Wt. 4.13 lbs.



Art. 1377/41
for handrail Art. 811/7
Wt. 2.8 lbs.





X = 5 1/8"
Y = 4 11/32"

Art. 812/12
for handrail Art. 811/6
Wt. 3.9 lbs.



Art. 812/13
for handrail Art. 811/7
Wt. 2.9 lbs.





X = 28 3/4"
Y = 4 11/32"

Art. 1819/10
(ex 9154/3)
for handrail Art. 811/6
Wt. 9.5 lbs.

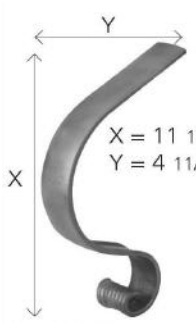


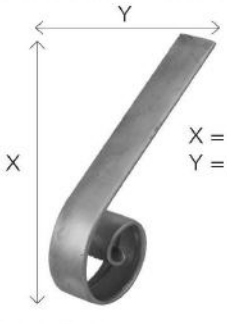
Art. 1819/11
(ex 9154/4)
for handrail Art. 811/7
Wt. 7.5 lbs.

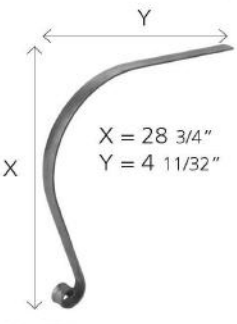


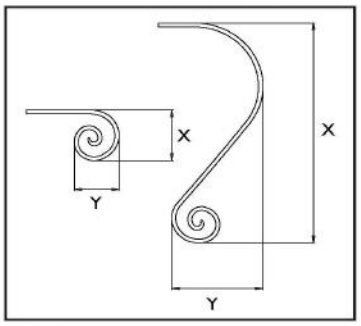
End Pieces for Handrail

MEASUREMENTS ARE SUBJECT TO CHANGE









Art. 1377/1/T Wt. 2 lbs. for handrail Art. 810/B/5/T

Art. 1377/2/T Wt. 2 lbs. for handrail Art. 810/B/6/T

Art. 1377/3/T Wt. 3.5 lbs. for handrail Art. 810/B/7/T

Art. 1377/4/T Wt. 4 lbs. for handrail Art. 810/B/8/T

Art. 1377/7/T Wt. 2 lbs. for handrail Art. 810/B/16/T

Art. 1377/8/T Wt. 2.9 lbs. for handrail Art. 810/B/17/T

Art. 1377/9/T Wt. 3.7 lbs. for handrail Art. 810/B/18/T

Art. 1377/5/T Wt. 2.3 lbs. for handrail Art. 810/B/20/T

Art. 1377/40/T Wt. 3.2 lbs. for handrail Art. 811/6/T

Art. 1377/41/T Wt. 1.7 lbs. for handrail Art. 811/7/T

Art. 1377/42/T Wt. 2.7 lbs. for handrail Art. 811/8/T

Art. 1377/14/T Wt. 2 lbs. for handrail Art. 810/B/5/T

Art. 1377/15/T Wt. 2 lbs. for handrail Art. 810/B/6/T

Art. 1377/16/T Wt. 3.5 lbs. for handrail Art. 810/B/7/T

Art. 1377/17/T Wt. 4 lbs. for handrail Art. 810/B/8/T

Art. 1377/20/T Wt. 2 lbs. for handrail Art. 810/B/16/T

Art. 1377/21/T Wt. 2.9 lbs. for handrail Art. 810/B/17/T

Art. 1377/22/T Wt. 3.7 lbs. for handrail Art. 810/B/18/T

Art. 1377/18/T Wt. 2.3 lbs. for handrail Art. 810/B/20/T

Art. 812/12/T Wt. 3.2 lbs. for handrail Art. 811/6/T

Art. 812/13/T Wt. 1.7 lbs. for handrail Art. 811/7/T

Art. 812/15/T Wt. 2.7 lbs. for handrail Art. 811/8/T

Art. 1820/1 (ex 9155/1) Wt. 2 lbs. for handrail Art. 810/B/5/T

Art. 1820/2 (ex 9155/2) Wt. 4.9 lbs. for handrail Art. 810/B/6/T

Art. 1820/3 (ex 9155/3) Wt. 8.8 lbs. for handrail Art. 810/B/7/T

Art. 1820/4 (ex 9155/4) Wt. 9.9 lbs. for handrail Art. 810/B/8/T

Art. 1820/5 (ex 9155/5) Wt. 4.9 lbs. for handrail Art. 810/B/16/T

Art. 1820/6 (ex 9155/6) Wt. 7.1 lbs. for handrail Art. 810/B/17/T

Art. 1820/7 (ex 9155/7) Wt. 9.3 lbs. for handrail Art. 810/B/18/T

Art. 1820/8 (ex 9155/8) Wt. 5.8 lbs. for handrail Art. 810/B/20/T

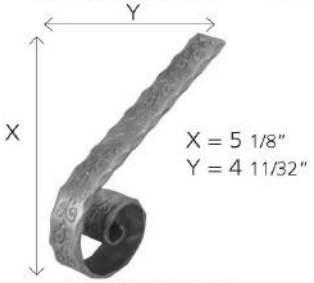
Art. 1820/9 (ex 9155/9) Wt. 8.1 lbs. for handrail Art. 811/6/T

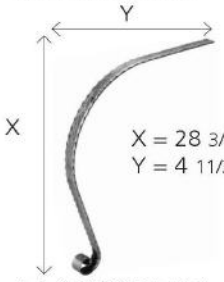
Art. 1820/10 (ex 9155/10) Wt. 4.2 lbs. for handrail Art. 811/7/T

Art. 1820/11 (ex 9155/11) Wt. 6.8 lbs. for handrail Art. 811/8/T









Art. 116/2 Wt. 3 lbs. for handrail Art. 114/5

Art. 116/5 Wt. 3 lbs. for handrail Art. 114/8

Art. 116/1 Wt. 3 lbs. for handrail Art. 114/4

Art. 116/7 Wt. 3 lbs. for handrail Art. 114/11

Art. 116/8 Wt. 3 lbs. for handrail Art. 114/12

Art. 114/B/1 Wt. 3.2 lbs. for handrail Art. 114/A/1

Art. 114/B/2 Wt. 5.2 lbs. for handrail Art. 114/A/2

Art. 116/10 Wt. 3 lbs. for handrail Art. 114/5

Art. 116/13 Wt. 3 lbs. for handrail Art. 114/8

Art. 116/9 Wt. 3 lbs. for handrail Art. 114/4

Art. 116/15 Wt. 3 lbs. for handrail Art. 114/11

Art. 116/16 Wt. 3 lbs. for handrail Art. 114/12

Art. 1818/15 (ex 9155/12) Wt. 3.2 lbs. for handrail Art. 114/A/1

Art. 1818/16 (ex 9155/13) Wt. 5.2 lbs. for handrail Art. 114/A/2

Art. 114/B/5 Wt. 7.5 lbs. for handrail Art. 114/5

Art. 114/B/8 Wt. 7.5 lbs. for handrail Art. 114/8

Art. 114/B/4 Wt. 7.5 lbs. for handrail Art. 114/4

Art. 114/B/10 Wt. 7.5 lbs. for handrail Art. 114/11

Art. 114/B/11 Wt. 7.5 lbs. for handrail Art. 114/12

Art. 1818/5 (ex 9155/14) Wt. 8 lbs. for handrail Art. 114/A/1

Art. 1818/6 (ex 9155/15) Wt. 13 lbs. for handrail Art. 114/A/2



End Pieces for Handrails

Mtl. 8 1/6" dia.



Art. 1825/9 (ex 9156/1)
for handrail Art. 810/B/5/T
Wt. 1.1 lbs.

Art. 1825/10 (ex 9156/2)
for handrail Art. 810/B/6/T
Wt. 1 lbs.

Art. 1825/11 (ex 9156/3)
for handrail Art. 810/B/7/T
Wt. 1.9 lbs.

Art. 1825/12 (ex 9156/4)
for handrail Art. 810/B/8/T
Wt. 2.6 lbs.

Art. 1825/13 (ex 9156/5)
for handrail Art. 810/B/16/T
Wt. 1.2 lbs.

Art. 1825/14 (ex 9156/6)
for handrail Art. 810/B/17/T
Wt. 1.9 lbs.

Art. 1825/15 (ex 9156/7)
for handrail Art. 810/B/18/T
Wt. 2.1 lbs.

Art. 1825/16 (ex 9156/8)
for handrail Art. 811/6/T
Wt. 1.9 lbs.

Art. 1825/17 (ex 9156/9)
for handrail Art. 811/7/T
Wt. 1 lbs.

Art. 1825/18 (ex 9156/10)
for handrail Art. 811/8/T
Wt. 1.5 lbs.

Mtl. 12 25/32" dia.



Art. 1822/1 (ex 9156/11)
for handrail Art. 114/A/3
Wt. 6.6 lbs.

Art. 1822/2 (ex 9156/12)
for handrail Art. 1373/4
Wt. 4.4 lbs.

Art. 1822/7 (ex 9156/13)
for handrail Art. 114/A/1
Wt. 3.3 lbs.

Art. 1822/8 (ex 9156/14)
for handrail Art. 114/A/2
Wt. 5.5 lbs.

Art. 1822/9 (ex 9156/15)
for handrail Art. 114/1
Wt. 11.3 lbs.

Art. 1822/10 (ex 9156/16)
for handrail Art. 114/2
Wt. 11.3 lbs.

Art. 1822/6 (ex 9156/17)
for handrail Art. 811/2
Wt. 8.2 lbs.

Mtl. 12 25/32" dia.



Art. 116/A/8
for handrail Art. 114/4
Wt. 3.8 lbs.

Art. 116/A/9
for handrail Art. 114/5
Wt. 3.8 lbs.

Art. 116/A/12
for handrail Art. 114/8
Wt. 3.8 lbs.

Art. 116/A/14
for handrail Art. 114/11
Wt. 3.8 lbs.

Art. 116/A/15
for handrail Art. 114/12
Wt. 3.8 lbs.



Mtl. 6 13/32" dia.



Art. 1822/12 (ex 9156/18)
for handrail Art. 114/A/3
Wt. 6.6 lbs.

Art. 1822/13 (ex 9156/19)
for handrail Art. 1373/4
Wt. 4.4 lbs.

Art. 1822/18 (ex 9156/20)
for handrail Art. 114/A/1
Wt. 3.3 lbs.

Art. 1822/19 (ex 9156/21)
for handrail Art. 114/A/2
Wt. 5.5 lbs.

Art. 1822/17 (ex 9156/22)
for handrail Art. 811/2
Wt. 8.2 lbs.

Art. 1822/20 (ex 9156/23)
for handrail Art. 114/1
Wt. 11.3 lbs.

Art. 1822/21 (ex 9156/24)
for handrail Art. 811/2
Wt. 11.3 lbs.

Mtl. 6 13/32" dia.



Art. 116/25
for handrail Art. 114/4
Wt. 3.7 lbs.

Art. 116/26
for handrail Art. 114/5
Wt. 3.7 lbs.

Art. 116/29
for handrail Art. 114/8
Wt. 3.7 lbs.

Art. 116/31
for handrail Art. 114/11
Wt. 3.7 lbs.

Art. 116/32
for handrail Art. 114/12
Wt. 3.7 lbs.

Decorative Bars

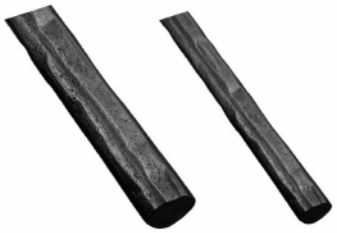
lenght of bars
L 10' Approx.



Art. 599/1
Mtl 5/16" dia.
Wt. 2.5 lbs.
Art. 599/2
Mtl 3/8" dia.
Wt. 4 lbs.
Art. 599/3
Mtl 1/2" dia.
Wt. 5.7 lbs.
Art. 599/4
Mtl 9/16" dia.
Wt. 8 lbs.

Art. 599/5
Mtl 5/8" dia.
Wt. 10.3 lbs.
Art. 599/6
Mtl 23/32" dia.
Wt. 13 lbs.
Art. 599/7
Mtl 13/16" dia.
Wt. 16 lbs.
Art. 599/8
Mtl 7/8" dia.
Wt. 19.3 lbs.

length of bars L 10' Approx.
Available in 20' Approximate length
MECHANICALLY HAMMERED ROUND BAR



Art. 600/1
(ex 12/14 TB)
Mtl 1/4" dia.
Wt. 1.5 lbs.
Art. 600/2
(ex 12/516 TB)
Mtl 5/16" dia.
Wt. 2.5 lbs.
Art. 600/3
(ex 12/38 TB)
Mtl 3/8" dia.
Wt. 4 lbs.

Art. 600/4
(ex 12/12 TB)
Mtl 1/2" dia.
Wt. 5.7 lbs.
Art. 600/6
Mtl 5/8" dia.
Wt. 10.3 lbs.
Art. 600/7
(ex 12/34 TB)
Mtl 23/32" dia.
Wt. 12.72 lbs.
Art. 600/9
(ex 12/78 TB)
Mtl 7/8" dia.
Wt. 18.9 lbs.

lenght of bars L 10' Approx.
Available in 20' Approximate length
MECHANICALLY HAMMERED ROUND BAR
(vineyard effect)



Art. 598/9
Mtl 5/16" dia.
Wt. 2.5 lbs.

Art. 598/11
Mtl 5/16" dia.
Wt. 2.9 lbs.
Art. 598/13
Mtl 1/2" dia.
Wt. 5.7 lbs.
Art. 598/16
Mtl 23/32" dia.
Wt. 12.8 lbs.

lenght of bars
L 10' Approx.



Art. 623/5
Mtl 1/2" sq.
Wt. 7.5 lbs.
Art. 623/6
Mtl 9/16" sq.
Wt. 8.6 lbs.
Art. 623/7
Mtl 5/8" sq.
Wt. 13.3 lbs.

Art. 623/8
Mtl 11/16" sq.
Wt. 16.8 lbs.
Art. 623/9
Mtl 3/4" sq.
Wt. 19 lbs.



Art. 118/A/18
Mtl 5/8" sq.
L 78 3/4"
Wt. 8.8 lbs.
Art. 118/A/19
Mtl 11/16" sq.
L 78 3/4"
Wt. 11 lbs.

Matches Pierced Bars:
42/9/US
42/24
42/10



13-112 Forged Pickets, Scrolls, & Railing

IND 127

Decorative Bars

length of bars L 10' Approx.
Available in 20'
Approximate length



Art. 1370/13
Mtl 1/2" sq.
Wt. 7.5 lbs.
2 sides diamond
hammered profile

These are a good match for all of the forged round pickets

Grooved long bars length of bar L 10' Approx.



Art. 625/3
Mtl 1/2" sq.
Wt. 7 lbs.
Art. 625/5
Mtl 5/8" sq.
Wt. 12.8 lbs.
Art. 625/7
Mtl 13/16" sq.
Wt. 20.2 lbs.

Grooved & Hammered long bars length of bar L 10' Approx.
Available in 20' Approximate length



Art. 625/8
Mtl 1/2" sq.
Wt. 6.6 lbs.
Art. 625/9
Mtl 5/8" sq.
Wt. 12.8 lbs.
Art. 625/10
Mtl 3/4" sq.
Wt. 20.9 lbs.



Heavily hammered bars mechanically hammered on 4 corners and 4 sides length of bars 10' Approx.
Available in 20' Approximate length



Good match for all the forged square pickets

Art. 118/A/1
Mtl 1/2" sq.
Wt. 5.7 lbs.
Art. 118/A/2
Mtl 9/16" sq.
Wt. 10.2 lbs.
Art. 118/A/3
Mtl 5/8" sq.
Wt. 11 lbs.
Art. 118/A/5
Mtl 13/16" sq.
Wt. 20.7 lbs.

Cold forged square bars hammered on four corners length of bars 20' Approx.



Art. 118/1
Mtl 1/2" sq.
Wt. 13.9 lbs.
Art. 118/2
Mtl 9/16" sq.
Wt. 19.8 lbs.
Art. 118/3
Mtl 5/8" sq.
Wt. 24.6 lbs.
Art. 118/5
Mtl 13/16" sq.
Wt. 37.8 lbs.
Art. 118/6
Mtl 1" sq.
Wt. 64.8 lbs.

Bars & Tubes



Four sides hammered tubes
L 20' Approx.

Offering heavy wall options for 1" sq. and larger

Art. 118/E/1*	Mtl 3/4" sq.	Wt. 16.5 lbs.
Art. 118/E/2	Mtl 1 3/16" x 3/4"	Wt. 21.6 lbs.
Art. 118/E/3*	Mtl 1 3/16" sq.	Wt. 26.8 lbs.
Art. 118/E/4	Mtl 1 9/16" x 3/4"	Wt. 26.8 lbs.
Art. 118/E/5	Mtl 1 1/2" sq.	Wt. 37.2 lbs.
Art. 1374/15*	Mtl 2" sq.	Wt. 48.4 lbs.
Art. 118/E/6*	Mtl 2"x 1"	Wt. 37.2 lbs.
Art. 118/E/7	Mtl 2 3/8" x 1 3/16"	Wt. 45.8 lbs.
Art. 118/E/8	Mtl 3" x 1 1/2"	Wt. 53 lbs.
Art. 118/E/9*	Mtl 1" sq.	Wt. 21.6 lbs.
Art. 118/E/10	Mtl 3 15/16" x 1 9/16"	Wt. 74.8 lbs.
Art. 1374/16	Mtl 3 sq.	Wt. 92.4 lbs.
Art. 1374/17	Mtl 4" sq.	Wt. 118.8 lbs.
Art. 1374/18	Mtl 4 3/4" sq.	Wt. 145.2 lbs.
Art. 1374/19*	Mtl 1/2" sq.	Wt. 4.3 lbs.
Art. 1374/24	Mtl 5/8" sq.	Wt. 6.1 lbs.

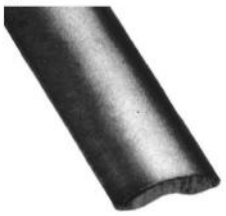
COLLAR (BANDING) MATERIAL
Length of bars 13' Approx.



Art. 158/1
Mtl 9/16" x 5/32"
Wt. 3.1 lbs.



Art. 158/3
Mtl 9/16" x 5/32"
Wt. 2.6 lbs.



Art. 158/6
Mtl 9/16" x 5/32"
Wt. 2.6 lbs.



Art. 158/20
2 bars of 5/16" sq.
Art. 158/23
2 bars of 3/8" x 3/16"
Art. 158/26
2 bars of 1/2" x 1/4"
Art. 158/27
3 bars of 1/2" x 1/4"
Art. 158/30
2 bars of 1/2" sq.



Art. 158/15
3 bars of 1/2" x 1/4"
Art. 158/16
4 bars of 1/2" x 1/4"





Standard bar length L 10' Approx.



Art. 626/3	**Art. 626/7**
Mtl 1/2" dia.	Mtl 25/32" dia.
Wt. 8 lbs.	Wt. 22.2 lbs.
Art. 626/4	**Art. 626/8**
Mtl 9/16" dia.	Mtl 13/16" dia.
Wt. 5.7 lbs.	Wt. 27 lbs.
Art. 626/5	**Art. 626/17**
Mtl 5/8" dia.	Mtl 15/16" dia.
Wt. 8.4 lbs.	Wt. 32 lbs.
Art. 626/6	**Art. 626/9**
Mtl 3/4" dia.	Mtl 1" dia.
Wt. 18 lbs.	Wt. 37.5 lbs.

L 106 1/4" Approx.



TWISTED ROUND BAR ROPE

Art. 119/1
Mtl 5/8" dia.
Wt. 6.4 lbs.
Art. 119/2
Mtl 3/4" dia.
Wt. 10.6 lbs.
Art. 119/3
Mtl 1 3/16" dia.
Wt. 23.3 lbs.

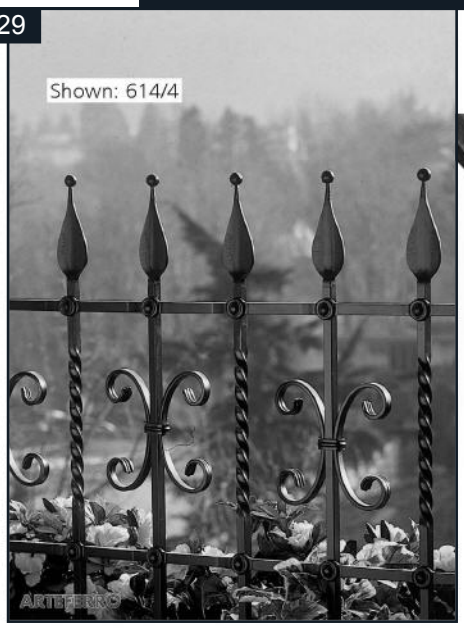
length of bars L 10' Approx.
Available in 20'
Approximate length



Art. 626/11	**Art. 626/15**
Mtl 9/16" dia.	Mtl 7/8" dia.
Wt. 5.3 lbs.	Wt. 14.5 lbs.
Art. 626/12	**Art. 626/16**
Mtl 5/8" dia.	Mtl 1 1/32" dia.
Wt. 7.1 lbs.	Wt. 21.6 lbs.
Art. 626/13	**Art. 626/19**
Mtl 11/16" dia.	Mtl 15/16" dia.
Wt. 9 lbs.	Wt. 16.8 lbs.
Art. 626/14	
Mtl 13/16" dia.	
Wt. 11.7 lbs.	

13-114 Forged Pickets, Scrolls, & Railing

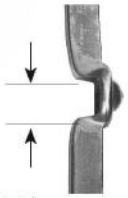
IND 129



Decorative and Twisted Heavy Bars



B - C
match for
Art. 118/2



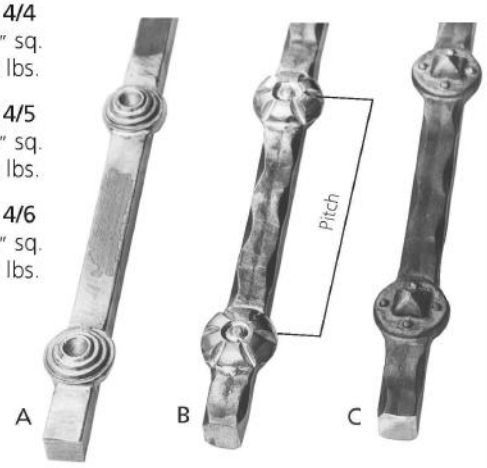
Mtl 1/2" sq.
or Mtl 9/16" sq.

BARS 78 3/4" Approx. PITCH 4 15/16"

Art. 614/4
A Mtl 9/16" sq.
Wt. 6.6 lbs.

Art. 614/5
B Mtl 9/16" sq.
Wt. 6.6 lbs.

Art. 614/6
C Mtl 9/16" sq.
Wt. 6.6 lbs.





Art. 1837/6
(ex 9160/1)
Mtl 1 3/16" x 1/4"
L 118 1/8"
Wt. 6.6 lbs.



Art. 1834/1
(ex 9160/2)
Mtl 1 1/4" x 3/16"
L 118 1/8"
Wt. 7.5 lbs.



Art. 1834/2
(ex 9160/3)
Mtl 1 7/32" x 3/16"
L 118 1/8"
Wt. 7.5 lbs.



Art. 1834/3
(ex 9160/4)
Mtl 1 7/32" x 3/16"
L 118 1/8"
Wt. 7.5 lbs.



Art. 1834/4
(ex 9160/5)
Mtl 1 7/32" x 3/16"
L 118 1/8"
Wt. 6.9 lbs.



Art. 1834/5
(ex 9160/6)
Mtl 1 1/4" x 3/8"
L 118 1/8"
Wt. 7 lbs.





Art. 1806/13
(ex 8052/13)
Mtl 2" sq.
L 118 1/8"
Wt. 132 lbs.



Art. 1806/27
(ex 8052/27)
Mtl 2 3/8" x 1 3/16"
L 118 1/8"
Wt. 93.7 lbs.



Art. 1807/1
(ex 8053/1)
Mtl 2" sq.
L 118 1/8"
Wt. 132 lbs.



Art. 1807/13
(ex 8053/13)
Mtl 2" sq.
L 118 1/8"
Wt. 132 lbs.

New Items

Square Punched Flat Bar

Item #	Bar Size	Hole Size	Holes #
Art. 1853/1	1 3/16" x 5/16"	1/2" sq.	16
Art. 608/6	1 3/16" x 5/16"	9/16" sq.	16

Diamond Punched Flat Bar

Item #	Bar Size	Hole Size	Holes #
Art. 1853/51	1 3/16" x 5/16"	1/2" sq.	16
Art. 1853/54	1 3/16" x 5/16"	9/16" sq.	16

Round Punched Flat Bar

Item #	Bar Size	Hole Size	Holes #
Art. 1853/105	1 3/16" x 5/16"	1/2" sq.	16
Art. 1853/108	1 3/16" x 5/16"	9/16" sq.	16

Round Punched Flat Bar with Hammered Edges

Item #	Bar Size	Hole Size	Holes #
Art. 1853/177	1 3/16" x 5/16"	1/2" sq.	16
Art. 1853/180	1 3/16" x 5/16"	9/16" sq.	16

Square Punched Flat Bar with Hammered Edges

Item #	Bar Size	Hole Size	Holes #
Art. 1853/159	1 3/16" x 5/16"	1/2" sq.	16
Art. 1853/162	1 3/16" x 5/16"	9/16" sq.	16

Square Punched Flat Bar with Hammered Edges and Faces

Item #	Bar Size	Hole Size	Holes #
Art. 609/3	1 3/16" x 5/16"	1/2" sq.	15
Art. 1853/198	1 3/16" x 5/16"	9/16" sq.	16

Pitch of Holes 3.9" on Center

Punched Flat Bar

L 78 3/4"





13-116 Forged Pickets, Scrolls, & Railing

IND 134

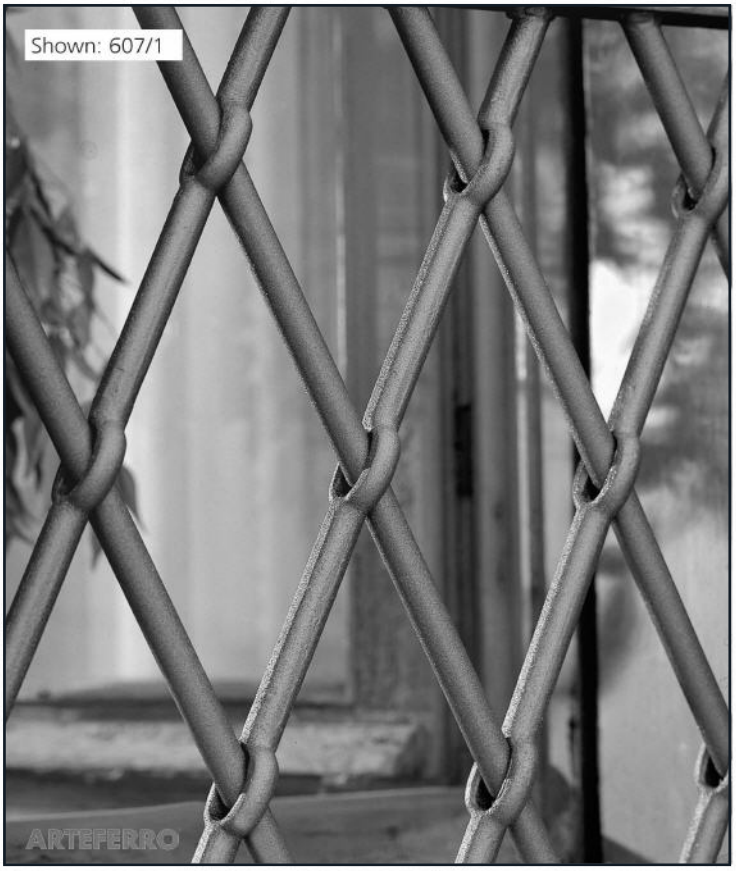
New Items New Items



Art. 607/1
Mtl 9/16" dia.
Pitch = 5 1/2"
1 3/32" x 9/16" holes
Distance 5"
Holes number 14
L 78 3/4"
Wt. 5.2 lbs.

Art. 607/2
Mtl 5/8" dia.
Pitch = 5 7/8"
1 1/4" x 5/8" holes
Distance 5 9/32"
Holes number 13
L 78 3/4"
Wt. 6.7 lbs.









Hot Pierced Bars



Pierced bar length 78 3/4" Approx. To be used with 599/4-5-6-7 line

Art.no.	Mtl. dia.	P = Pitch	Holes	Holes per bar	Weight
606/1	9/16"	5 1/2"	9/16"	14	5.2 lbs.
606/2	5/8"	5 7/8"	5/8"	13	7 lbs.
606/3	11/16"	6 5/16"	11/16"	12	9.3 lbs.
606/4	3/4"	6 5/8"	3/4"	11	11 lbs.



Pierced bar length 78 3/4" Approx. To be used with 626 series

Art.no.	Mtl. dia.	P = Pitch	Holes	Holes per bar	Weight
1361/1	1/2"	5 1/2"	1/2"	14	4.9 lbs.
1361/2	9/16"	5 7/8"	9/16"	13	7 lbs.
1361/3	19/32"	6 5/16"	19/32"	12	8.2 lbs.
1361/4	21/32"	5 5/8"	21/32"	11	10.1 lbs.



Meets U.S. 42 code
Art. 42/9 /US
Mtl 5/8" sq.
D = 3 7/8"
5/8" sq. holes
17 holes
Wt. 8.5 lbs.



Art. 42/10
Mtl 11/16" sq.
P = 6 5/16"
23/32" sq. holes
12 holes
Wt. 11 lbs.

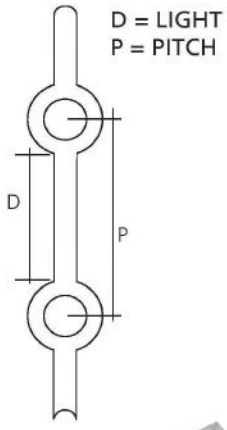
Art. 42/24
Mtl 23/32" sq.
P = 6 5/16"
23/32" sq. holes
12 holes
Wt. 11 lbs.



Meets U.S. 42 code
Art. 42/2 /US
Mtl 5/8" dia.
D = 3 7/8"
5/8" round holes
17 holes
Wt. 7 lbs.



Art. 42/4
Mtl 13/16" dia.
P = 6 3/4"
13/16" round holes
11 holes
Wt. 11 lbs.





Pierced bar length 78 3/4" Approx.

Art. 605/1
Mtl 9/16" sq.
Pitch = 5 1/2"
holes per bar 14
Wt. 6.6 lbs.
match for 623/6

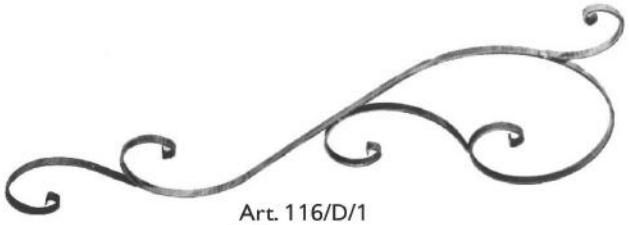
Art. 605/2
Mtl 5/8" sq.
Pitch = 5 7/8"
holes per bar 13
Wt. 8.8 lbs.
match for 623/7

Art. 605/3
Mtl 23/32" sq.
Pitch = 6 5/16"
holes per bar 12
Wt. 11 lbs.
match for 623/8

Art. 605/4
Mtl 13/16" sq.
Pitch = 6 5/8"
holes per bar 11
Wt. 13.8 lbs.
match for 623/9

13-118 Forged Pickets, Scrolls, & Railing

IND 138



Art. 116/D/1
Mtl 3/4" x 1/4"
W 50 13/32"
H 17 23/32"
Wt. 7.44 lbs.



Art. 116/D/2
Mtl 3/4" x 1/4"
W 50 13/32"
H 17 23/32"
Wt. 7.88 lbs.



Art. 1281/4
Mtl 5/8" x 5/16"
W 29 15/16"
H 10 1/4"
Wt. 5.5 lbs.



Art. 1281/3
Mtl 5/8" x 5/16"
W 32 5/8"
H 13 3/8"
Wt. 6.5 lbs.



Art. 116/E/6
Mtl 1 3/16" x 5/16"
W 31 29/32"
H 11 1/32"
Wt. 10.1 lbs.



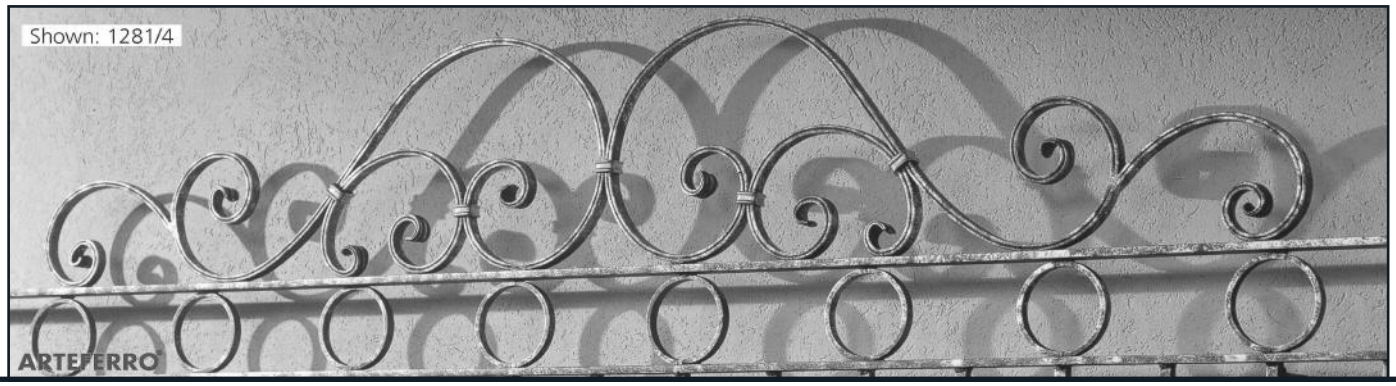
Art. 696/1
Mtl 5/8" x 5/16"
W 36 1/4"
H 11 1/32"
Wt. 8.2 lbs.



Art. 1281/1
Mtl 5/8" x 5/16"
W 51 3/16"
H 17 1/2"
Wt. 14.7 lbs.



Art. 1281/2
Mtl 5/8" x 5/16"
W 48 1/4"
H 17 1/2"
Wt. 13.6 lbs.



SECTION 14
Decorative Components



The page numbers that start with "IND" correspond to INDITAL's Quick Reference Catalog #7 pages.

indital usa

Italian Architectural Forged Steel Components

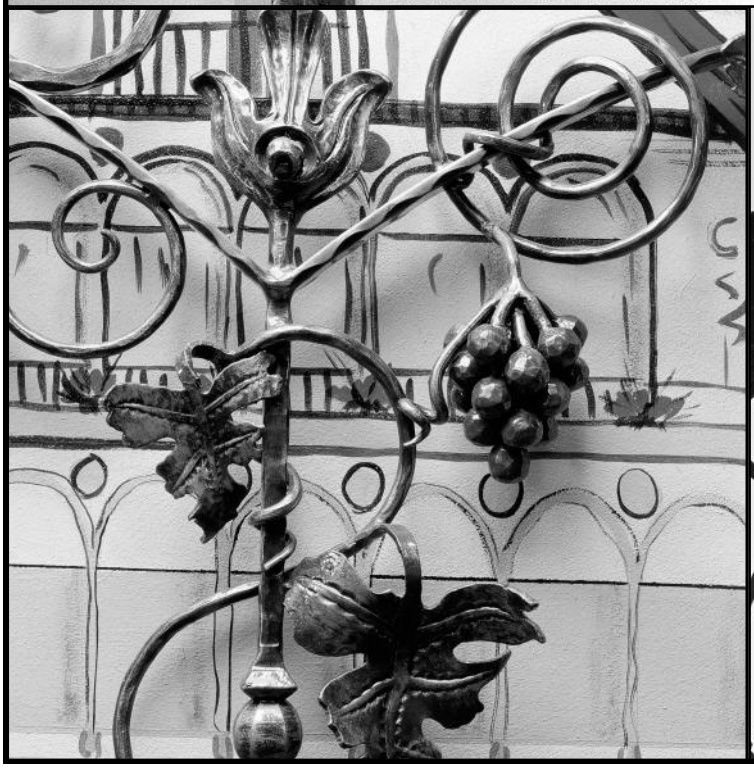
This Quick Reference Catalog Section is design to provide a complete list of Italian Architectural Designs that are available in the U.S.A.





14-1 Decorative Components











Art. 128/6
Mtl 1 9/16" W
x 2 9/16" H
Hole 1/2" dia.
Wt. 0.4 lbs.

Art. 128/7
Mtl 1 9/16" W
x 2 9/16" H
Hole 9/16" dia.
Wt. 0.5 lbs.



Art. 128/9
Mtl 5/8" dia.
Hole 5/8" dia.
Wt. 0.7 lbs.

Art. 128/10
Mtl 1 3/4"
x 2 5/8"
Hole 11/16" dia.
Wt. 0.6 lbs.

Art. 128/15
Mtl 1 31/32"
x 3 1/16"
Hole 7/8" dia.
Wt. 0.6 lbs.



Art. 128/17
Mtl 1 9/16" W
x 1 17/32" H
Hole 1/2" dia.
Wt. 0.4 lbs.

Art. 128/18
Mtl 1 9/16" W
x 1 17/32" H
Hole 9/16" dia.
Wt. 0.3 lbs.

Art. 128/21
Mtl 1 3/4" W
x 1 23/32" H
Hole 5/8" dia.
Wt. 0.4 lbs.

Art. 128/22
Mtl 1 3/4" W
x 1 23/32" H
Hole 11/16" dia.
Wt. 0.4 lbs.

Art. 128/28
Mtl 2" W
x 1 13/16" H
Hole 7/8" dia.
Wt. 0.6 lbs.



Art. GD0030
Mtl 2 33/64" dia.
2 3/4" H
Hole 2/3" sq.
Wt. 1 lbs.



Art. GD0031
Mtl 2 33/64" dia.
2 3/4" H
Hole 2/3" sq.
Wt. 1.5 lbs.





External dia.
1 9/16" 29/32" H

Art. 128/1
With round hole
9/16" dia.
Wt. .3 lbs.

Art. 128/2
With square hole
9/16" sq.
Wt. .3 lbs.

Hollow steel



Art. 155/1
Mtl 1 3/16" W
x 3 11/32" H
Hole 33/64" dia.
Wt. 0.2 lbs.



Art. 155/2
Mtl 1 3/16" W
x 2 9/16" H
Hole 33/64" dia.
Wt. 0.2 lbs.



Art. 155/3
Mtl 1 3/16" W
x 2" H
Hole 33/64" dia.
Wt. 0.2 lbs.



Art. 155/4
Mtl 1 3/16" W
x 3/4" H
Hole 33/64" dia.
Wt. 0.1 lbs.



Art. 155/6
Mtl 1 3/16" W
x 2 9/16" H
Hole 33/64" dia.
Wt. 0.2 lbs.



Art. 154/2
Mtl 1 3/16" W
x 5 7/8" H
Hole 33/64" dia.
Wt. 0.3 lbs.





Art. 160/B/6
Mtl 2 3/4" x 2 9/16"
Hole 1 9/16" dia.
Wt. .7 lbs.



Art. 160/B/7
Mtl 1 17/32" x 2 3/8"
Hole 5/8" dia.
Wt. 0.5 lbs.

Decorative Components

Shoes & Bushings



Art. 1491/5
Mtl 2 3/4" W
x 1 3/4" H
Hole 1 1/16" sq.
Wt. 1.3 lbs.



Art. 1491/1
(shoes A12)
Mtl 1 3/8" W
x 2" H
Hole 1/2" sq.
Wt. 0.3 lbs.



Art. 1491/2
(shoes A916)
Mtl 1 3/16" W
x 2" H
Hole 5/8" sq.
Wt. 0.2 lbs.



Art. 746/6
Mtl 1 9/16" W
x 1 1/2" H
Hole 9/16" sq.
Wt. 0.4 lbs.



Art. 1491/3
(shoes R12)
Mtl 1 9/16" W
x 1 3/32" H
Hole 1/2" sq.
Wt. 0.3 lbs.



Art. 1491/4
(shoes R916)
Mtl 1 9/16" W
x 1 3/32" H
Hole 5/8" sq.
Wt. 0.2 lbs.

MALLEABLE WELDABLE CAST IRON,
GALVANIZING IS NOT RECOMMENDED



Art. 746/5
Mtl 1 9/16" W
x 2 9/16" H
Hole 9/16" sq.
Wt. 0.5 lbs.



Art. 746/6
Mtl 1 9/16" W
x 1 1/2" H
Hole 9/16" sq.
Wt. 0.4 lbs.



Art. 746/4
Mtl 1 29/32" W
x 1 3/16" H
Hole 5/8" sq.
Wt. 0.4 lbs.





Art. 747/10
Mtl 1 9/16" W
x 2 3/4" H
Hole 9/16" sq.
Wt. 0.4 lbs.

Art. 747/11
Mtl 1 9/16" W
x 2 3/4" H
Hole 1/2" sq.
Wt. 0.4 lbs.



Art. 747/8
Mtl 1 9/16" W
x 4 1/2" H
Hole 9/16" sq.
Wt. 0.4 lbs.

Art. 747/9
Mtl 1 9/16" W
x 4 17/32" H
Hole 1/2" sq.
Wt. 0.4 lbs.



Art. 747/12
Mtl 1 9/16" W
x 2 9/16" H
Hole 1/2" sq.
Wt. 0.5 lbs.

Art. 747/13
Mtl 1 3/4" W
x 2 21/32" H
Hole 9/16" sq.
Wt. 0.7 lbs.

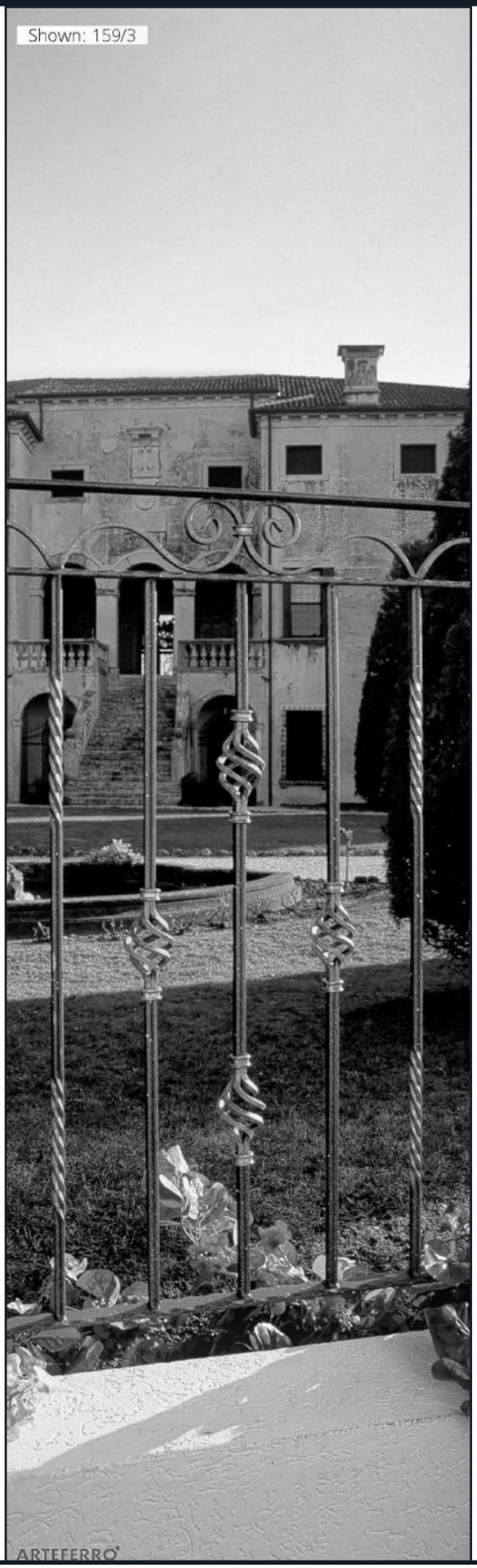
Art. 747/14
Mtl 2" W
x 3 1/16" H
Hole 5/8" sq.
Wt. 1 lbs.



Art. 747/15
Mtl 1 9/16" W
x 1 17/32" H
Hole 1/2" sq.
Wt. 0.3 lbs.

Art. 747/16
Mtl 1 3/4" W
x 1 11/16" H
Hole 9/16" sq.
Wt. 0.6 lbs.

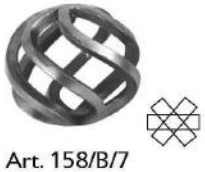
Art. 747/17
Mtl 2" W
x 3 1/16" H
Hole 5/8" sq.
Wt. 0.7 lbs.



Baskets



Art. 159/1 L = 5/16"
1 3/8" dia. x 3 9/16" H - Wt. 0.1 lbs.
Art. 159/3 L = 1/2"
2 3/8" dia. x 5 1/8" H - Wt. 0.5 lbs.
Art. 159/4 L = 9/16"
2 3/8" dia. x 5 1/8" H - Wt. 0.7 lbs.
Art. 159/5 L = 5/8"
2 9/16" dia. x 5 3/4" H - Wt. 0.9 lbs.
Art. 159/6 L = 3/4"
3 1/8" dia. x 6 1/2" H - Wt. .1.5 lbs.
Art. 159/7 L = 15/16"
2 3/4" dia. x 7 1/16" H - Wt. 2.7 lbs.



Art. 158/B/7
Mtl 1/4" sq.
2 3/4" dia.
Wt. 0.5 lbs.



Art. 158/B/6
Mtl 1/4" sq.
2 3/4" dia.
Wt. 0.5 lbs.



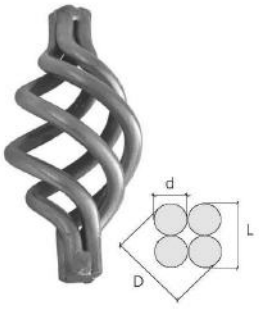
Art. 1163/12
Mtl 1/4" sq.
3 9/16" dia.
Wt. 0.4 lbs.



4 Filaments
Art. 158/B/8
L 1/2" sq.
1 9/16" dia.
x 4 15/16" H
Wt. 0.5 lbs.



9 Filaments
Art. 158/B/1
L 1/2" sq.
2 1/8" dia.
x 5 1/8" H
Wt. 0.4 lbs.



4 Round filaments
Art. 1163/3
d 1/4"
D 37/64"
L 1/2" x 4 15/16"
Wt. 0.4 lbs.
Art. 1163/4
d 9/32"
D 21/32"
L 9/16" x 4 15/16"
Wt. 0.5 lbs.

SOLID BRASS BASKETS



Solid brass with threaded ends

Art. 160/L/1
Mtl 1/2" sq.
2 3/4" x 5 7/8"
Wt. 0.5 lbs.
Art. 160/L/2
Mtl 5/8" sq.
2 3/4" x 5 7/8"
Wt. 0.9 lbs.
Art. 160/L/3
Mtl 3/4" sq.
2 3/4" x 5 7/8"
Wt. 1.6 lbs.

Decorative Components

New Items



Art. 684/6
Mtl 5/8" x 5/16"
3" dia.
Wt. 0.5 lbs.



Art. 1299/5
Mtl 1/2" x 1/4"
3 15/16" dia.
Wt. 0.5 lbs.



Art. 1299/6
Mtl 1/2" x 1/4"
5 1/8" dia.
Wt. 0.7 lbs.



Art. 491/7
Mtl 11/16" x 1/2"
3 11/32" dia.
Wt. 0.54 lbs.



Art. 156/3
Mtl 1/2" sq.
W 5 1/8"
H 7"
Wt. 1.0 lbs.



Art. 156/6
Mtl 9/16" sq.
W 7 9/16"
H 10 3/4"
Wt. 2.0 lbs.



Art. 1317/3
Mtl 1/2" sq.
W 3 15/16"
H 7 1/2"
Wt. 1.12 lbs.



Art. 1318/9
Mtl 1/2" sq.
W 4"
H 7 1/2"
Wt. 1.12 lbs.









Rings & Spheres



Art. 491/8/D/89
Mtl 15/32" sq.
3 1/2" dia.
Wt. 0.5 lbs.

Art. 491/8/D/127
(ex 157/3/S)
Mtl 1/2" sq.
5" dia. Plain
Wt. 0.8 lbs.

Art. 491/8/D/133
(ex 157/3/S/1)
Mtl 1/2" sq.
5 1/4" dia.
Wt. 0.9 lbs.

Art. 491/8/D/140
(ex 157/3/S/2)
Mtl 1/2" sq.
5 1/2" dia.
Wt. 0.9 lbs.

Art. 491/8
(ex 157/1/S)
Mtl 1/2" sq.
3 15/16" dia. Plain
Wt. 0.6 lbs.

Art. 1317/1
(ex 157/2/S)
Mtl 1/2" sq.
4 1/2" dia.
Wt. 0.8 lbs.

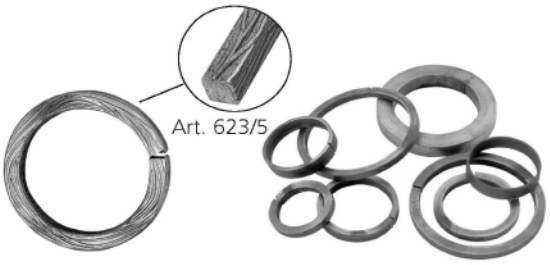
Art. 1317/2
Mtl 1/2" sq.
5 1/8" dia.
Wt. 0.9 lbs.



Outside Dia.	11/16" x 11/16"	Wt. lbs.	3/4" x 3/4"	Wt. lbs.
5 1/8"	**1802/84**	0.88	**1802/85**	1.05
6 19/64"	**1802/91**	1.13	**1802/92**	1.38
7 3/32"	**1802/99**	1.28	**1802/100**	1.57
7 7/8"	**1802/108**	1.44	**1802/109**	1.75

Outside Dia.	1" x 1"	Wt. lbs.	1 3/16" x 1 3/16"	Wt. lbs.
5 1/8"				
6 19/64"	**1802/93**	4.2		
7 3/32"	**1802/101**	5.1	**1802/102**	3.15
7 7/8"	**1802/110**	5.9	**1802/111**	3.07

* SIZE REFERS TO INSIDE WIDTH OF THE RING





*** Art. 156/A/1**
Mtl 1/4" x 1/4"
1" dia.
Wt. 0.1 lbs.

*** Art. 156/A/3**
Mtl 1/4" x 1/4"
1 9/16" dia.
Wt. 0.1 lbs.



Art. 1317/8
Mtl 3/8" dia.
5 1/8" dia.
Wt. 0.5 lbs.



*** Art. 156/A/4**
Mtl 1/4" x 1/4"
2" dia.
Wt. 0.1 lbs.

*** Art. 156/A/5**
Mtl 1/4" x 1/4"
2 31/64" dia.
Wt. 0.1 lbs.

Art. 1317/18
Mtl 1/2" sq.
3 15/16" dia.
Wt. 0.7 lbs.

Art. 1317/19
Mtl 1/2" sq.
4 1/2" dia.
Wt. 0.8 lbs.

Art. 1317/20
Mtl 1/2" sq.
3 1/8" dia.
Wt. 0.9 lbs.

Art. 157/1
Mtl 1/2" x 1/4"
3 15/16" dia.
Wt. 0.4 lbs.

Art. 157/2
Mtl 1/2" x 1/4"
4 1/2" dia.
Wt. 0.4 lbs.

Art. 157/3
Mtl 1/2" x 1/4"
5 1/8" dia.
Wt. 0.4 lbs.



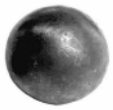
Art. 157/16
Mtl 1/2" x 1/4"
4 1/2"x 6 5/16"
Wt. 0.5 lbs.

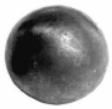


Art. 156/A/6
Mtl 3/16" x 3/16"
2 31/64" dia.
Wt. 0.1 lbs.



HOT STAMPED SPHERES





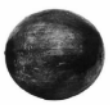
Art. 116/F/1 Mtl 3/4" dia. Wt. .08 lbs.
Art. 116/F/2 Mtl 1"dia. Wt. 0.1 lbs.
Art. 116/F/3 Mtl 1 3/16" dia. Wt. 0.3 lbs.
Art. 123/1 Mtl 1 3/8" dia. Wt. 0.3 lbs.
Art. 116/F/4 Mtl 1 9/16" dia. Wt. 0.6 lbs.
Art. 116/F/5 Mtl 2" dia. Wt. 1.3 lbs.
Art. 116/F/6 Mtl 2 3/8" dia. Wt. 1.9 lbs.
Art. 116/F/8 Mtl 3 1/8" dia. Wt. 3.3 lbs.
Art. 116/F/10 Mtl 3 15/16" dia. Wt. 8.8 lbs.

FORGED SPHERES





Art. 117/1 Mtl 5/8" dia. Wt. .04 lbs.
Art. 117/2 Mtl 3/4" dia. Wt. 0.1
Art. 117/3 Mtl 1"dia. Wt. 0.15 lbs.
Art. 117/4 Mtl 1 3/16" dia. Wt. 0.3 lbs.
Art. 117/5 Mtl 1 3/8" dia. Wt. 0.33 lbs.
Art. 117/6 Mtl 1 9/16" dia. Wt. .5 lbs.
Art. 117/7 Mtl 2"dia. Wt. 1.1 lbs.
Art. 117/8 Mtl 2 3/8" dia. Wt. 2 lbs.
Art. 117/9 Mtl 2 3/4" dia. Wt. 3.1 lbs.

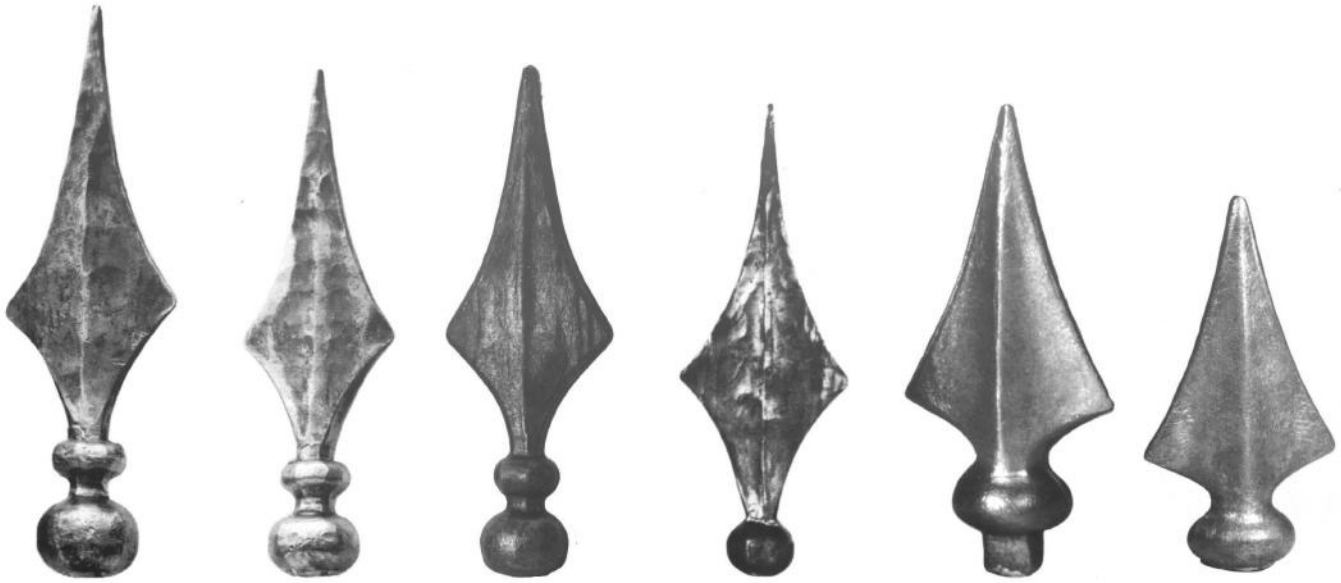


Art. 113/11
3 15/16" dia.
Wt. 8.8 lbs.

Art. 113/12
3 1/8" dia.
Wt. 5 lbs.

Decorative Components

IND 148



Art. 120/1
Mtl 1 19/32" dia.
H 8 11/16"
Wt. 1.4 lbs.

Art. 120/2
Mtl 1 3/8" dia.
H 7 7/8"
Wt. 1.3 lbs.

Art. 122/A/1
Mtl 1 1/4" dia.
H 7 7/8"
Wt. 1.0 lbs.

Art. 120/3
Mtl 1 3/16" dia.
H 6 11/16"
Wt. 0.7 lbs.

Art. 125/2
Mtl 9/16" sq.
H 5 1/2"
Wt. 0.8 lbs.

Art. 125/1
Mtl 1 3/8" dia.
H 4 15/16"
Wt. 0.7 lbs.





Art. 126/1
Mtl 3/8" sq.
H 5 1/2"
Wt. 0.5 lbs.



Art. 124/1
Mtl 1/2" dia.
H 4 15/16"
Wt. 0.4 lbs.
Art. 124/2
Mtl 19/32" dia.
H 6 5/16"
Wt. 0.6 lbs.
Art. 124/9
Mtl 3/4" dia.
H 7 1/2"
Wt. 0.7 lbs.



Art. 126/A/1
Mtl 19/32" dia.
W 2 21/32"
H 5 19/32"
Wt. 0.6 lbs.



Art. 126/15
Mtl 1 3/16" dia.
H 6 5/16"
1 1/8" Base
Wt. 1.5 lbs.
Art. 126/16
Mtl 1 9/16" dia.
H 7 15/32"
1/2" Base
Wt. 2.5 lbs.



Art. 123/5
Mtl 1" dia.
H 6 5/16"
1 1/8" Base
Wt. 0.8 lbs.



Decorative Components

IND 150



Art. 724/1
Mtl 1 1/4" dia.
H 11 19/32"
Wt. 4.2 lbs.



Art. 121/4
Mtl 1 9/32" dia.
H 5 1/8"
Wt. 0.7 lbs.

Art. 726/3
Mtl 1 9/16" dia.
H 6 5/16"
Wt. 0.8 lbs.



Art. 121/5
Mtl 1" sq.
H 6 5/16"
Wt. 1.0 lbs.



Art. 121/6
Mtl 1 3/16" sq.
H 7 5/16"
Wt. 1.5 lbs.

Art. 121/7
Mtl 1 9/16" sq.
H 7 5/16"
Wt. 2.2 lbs.



Art. 121/8
Mtl 1 3/16" sq.
H 6 1/32"
Wt. 1.4 lbs.

Art. 121/9
Mtl 1 9/16" sq.
H 6 1/32"
Wt. 2.6 lbs.





Art. 727/4
Mtl 1 3/16" dia.
W 3 5/32"
H 8 9/32"
Wt. 1.3 lbs.

Art. 727/5
Mtl 1 1/16" dia.
W 2 3/4"
H 7 9/32"
Wt. 0.9 lbs.

Art. 727/6
Mtl 15/16" dia.
W 2 3/8"
H 6 5/16"
Wt. 0.7 lbs.



Art. 727/1
Mtl 1 1/4" dia.
W 2 3/4"
H 5 1/2"
Wt. 0.7 lbs.

Art. 727/2
Mtl 1 3/16" dia.
W 2 9/16"
H 4 29/32"
Wt. 0.5 lbs.

Art. 727/3
Mtl 1" dia.
W 2 5/32"
H 4 5/16"
Wt. 0.4 lbs.



Art. 126/B/1
Mtl 3/4" dia.
W 3 7/32"
H 7 21/32"
Wt. 0.8 lbs.

Art. 126/B/2
Mtl 5/8" dia.
W 2 21/32"
H 6 9/32"
Wt. 0.6 lbs.

Art. 126/B/3
Mtl 1/2" dia.
W 2 1/8"
H 5 3/32"
Wt. 0.3 lbs.



Art. 126/13
Mtl 5/8" dia.
W 2 1/2"
H 6 11/16"
Wt. 0.9 lbs.

Art. 126/14
Mtl 9/16" dia.
W 2 5/32"
H 5 1/2"
Wt. 0.5 lbs.



Art. 727/7
Mtl 1 9/16" sq.
W 4 23/32"
H 4 3/4'
Wt. 2.8 lbs.

Art. 727/8
Mtl 1 1/4" sq.
W 3 17/32"
H 6 5/16"
Wt. 1.4 lbs.

Art. 727/9
Mtl 1" sq.
W 2 3/4"
H 4 23/32"
Wt. 0.6 lbs.



Art. 126/B/6
Mtl 3/4" dia.
W 1 3/4"
H 3 5/32"
Wt. 0.3 lbs.

Art. 126/B/7
Mtl 1" dia.
W 2 1/2"
H 4 29/32"
Wt. 0.7 lbs.

Art. 126/B/8
Mtl 1 1/2" dia.
W 3 5/32"
H 5 1/2"
Wt. 0.9 lbs.



Art. 126/6
Mtl 1 11/32" dia.
H 7 15/32"
Wt. 0.8 lbs.

Art. 126/19
Mtl 1" dia.
H 5 1/2"
Wt. 0.4 lbs.

Art. 126/20
Mtl 1 3/16" dia.
H 6 5/16"
Wt. 0.9 lbs.



Art. 126/C/7
Mtl 23/32" dia.
H 4 15/16"
Wt. 0.8 lbs.



Art. 727/10
Mtl 1 9/32" dia.
W 1 9/16"
H 5 7/8"
Wt. 0.9 lbs.



Art. 727/11
Mtl 1 3/16" dia.
W 1 1/4"
H 4 23/32"
Wt. 0.5 lbs.





Art. 123/3
Mtl 1 1/4" dia.
H 5 1/8"
Wt. 0.7 lbs.



Art. 126/18
Mtl 1 9/16" dia.
H 5 29/32"
Wt. 2.1 lbs.



Art. 123/6
Mtl 1 3/8" dia.
H 7 3/32"
Wt. 0.84 lbs.



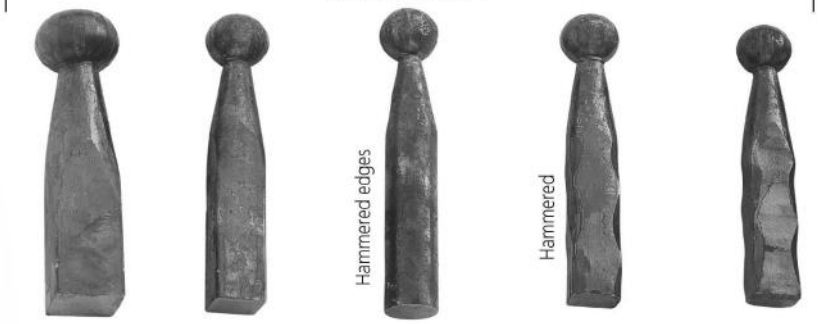
Art. 123/B/5
Mtl 2" dia.
W 3 11/32"
H 6 5/8"
Wt. 2.5 lbs.

Decorative Components

IND 152



HAND FORGED



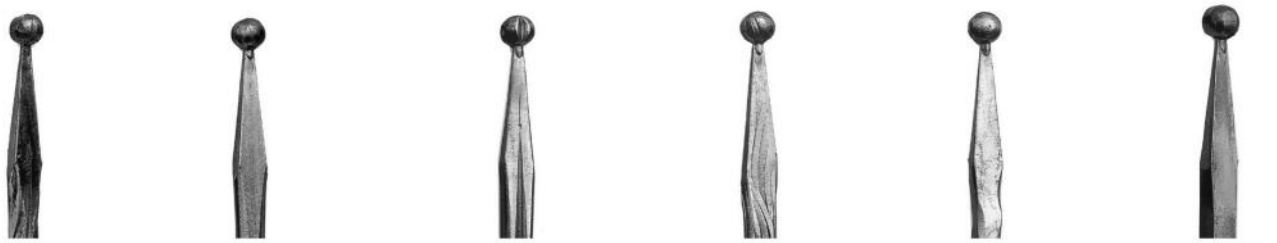
Art. 1382/1
Mtl 1 9/16" sq.
H 7 7/8"
Wt. 5.5 lbs.

Art. 1382/2
Mtl 1" sq.
H 7 7/8"
Wt. 2.2 lbs.
Art. 1382/3
Mtl 1 3/16" sq.
H 7 7/8"
Wt. 3.1 lbs.

Art. 1382/4
Mtl 1" dia.
H 7 7/8"
Wt. 1.8 lbs.
Art. 1382/5
Mtl 1 3/16" sq.
H 7 7/8"
Wt. 2.5 lbs.

Art. 1382/6
Mtl 1" sq.
H 7 7/8"
for 118/6
Wt. 2.2 lbs.
Art. 1382/7
Mtl 1 3/16" sq.
H 7 7/8"
for 118/24
Wt. 3.1 lbs.
Art. 1382/8
Mtl 1 9/16" sq.
H 7 7/8"
for 118/25
Wt. 5.5 lbs.

Art. 1382/9
Mtl 1" sq.
H 7 7/8"
for 180/53
Wt. 2.5 lbs.
Art. 1382/10
Mtl 1 3/16" sq.
H 7 7/8"
for 180/50
Wt. 3.1 lbs.



Art. 1382/11
Mtl 1/2" dia.
H 7 7/8"
Wt. 0.4 lbs.
Art. 1382/12
Mtl 9/16" dia.
H 7 7/8"
Wt. 0.5 lbs.

Art. 1382/13
Mtl 1/2" dia.
H 7 7/8"
Wt. 0.4 lbs.
Art. 1382/14
Mtl 9/16" dia.
H 7 7/8"
Wt. 0.5 lbs.

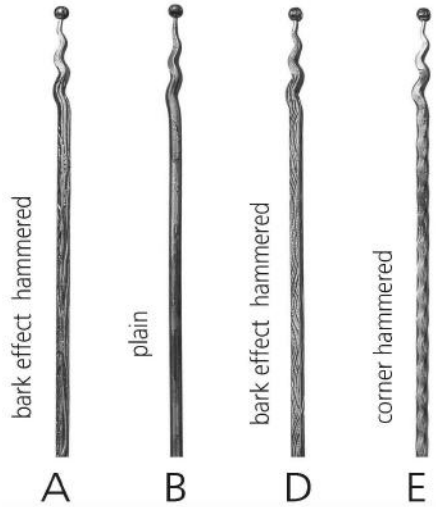
Art. 1382/15
Mtl 1/2" sq.
H 7 7/8"
Wt. 0.4 lbs.
Art. 1382/16
Mtl 9/16" sq.
H 7 7/8"
Wt. 0.5 lbs.

Art. 1382/17
Mtl 1/2" sq.
H 7 7/8"
Wt. 0.5 lbs.
Art. 1382/18
Mtl 9/16" sq.
H 7 7/8"
Wt. 0.7 lbs.

Art. 1382/19
Mtl 1/2" sq.
H 7 7/8"
Wt. 0.5 lbs.
Art. 1382/20
Mtl 9/16" sq.
H 7 7/8"
Wt. 0.7 lbs.

Art. 1382/21
Mtl 1/2" sq.
H 7 7/8"
Wt. 0.5 lbs.
Art. 1382/22
Mtl 9/16" sq.
H 7 7/8"
Wt. 0.7 lbs.

Pickets with post tops



Custom heights available by request

A	**Art. 1259/1**	Mtl 1/2" sq.	H 39 3/8"	Wt. 2 lbs.
	Art. 1259/2	Mtl 9/16" sq.	H 39 3/8"	Wt. 2.6 lbs.
	Art. 1259/3	Mtl 1/2" sq.	H 47 1/4"	Wt. 2.4 lbs.
	Art. 1259/4	Mtl 9/16" sq.	H 47 1/4"	Wt. 3.2 lbs.
B	**Art. 1259/5**	Mtl 1/2" sq.	H 39 3/8"	Wt. 2 lbs.
	Art. 1259/6	Mtl 9/16" sq.	H 39 3/8"	Wt. 2.6 lbs.
	Art. 1259/7	Mtl 1/2" sq.	H 47 1/4"	Wt. 2.4 lbs.
	Art. 1259/8	Mtl 9/16" sq.	H 47 1/4"	Wt. 3.2 lbs.
D	**Art. 1259/13**	Mtl 1/2" sq.	H 39 3/8"	Wt. 2.5 lbs.
	Art. 1259/14	Mtl 9/16" sq.	H 39 3/8"	Wt. 3.4 lbs.
	Art. 1259/15	Mtl 1/2" sq.	H 47 1/4"	Wt. 3 lbs.
	Art. 1259/16	Mtl 9/16" sq.	H 47 1/4"	Wt. 4.1 lbs.
E	**Art. 1259/19**	Mtl 1/2" sq.	H 47 1/4"	Wt. 3 lbs.
	Art. 1259/20	Mtl 9/16" sq.	H 47 1/4"	Wt. 4.1 lbs.



Forged Spear Points



Art. 129/1
Mtl 9/16" sq.
H 7 7/8"
Wt. 0.5 lbs.
Art. 129/2
Mtl 1/2" sq.
H 7 15/32"
Wt. 0.4 lbs.



Art. 129/3
Mtl 9/16" sq.
H 7 15/32"
Wt. 0.5 lbs.
Art. 129/4
Mtl 1/2" sq.
H 7 3/32"
Wt. 0.4 lbs.



Art. 129/5
Mtl 9/16" sq.
H 4 5/16"
Wt. 0.5 lbs.
Art. 129/6
Mtl 1/2" sq.
H 3 15/16"
Wt. 0.4 lbs.



Art. 129/7
Mtl 9/16" sq.
H 8 5/8"
Wt. 0.5 lbs.
Art. 129/8
Mtl 1/2" sq.
H 7 7/8"
Wt. 0.4 lbs.



Art. 129/9
Mtl 9/16" sq.
H 6 11/16"
Wt. 0.3 lbs.
Art. 129/10
Mtl 9/16" sq.
H 5 29/32"
Wt. 0.2 lbs.



Art. 129/12
Mtl 1/2" sq.
H 7 7/8"
Wt. 0.4 lbs.
Art. 129/11
Mtl 9/16" sq.
H 9 1/16"
Wt. 0.5 lbs.



Art. 722/1
Mtl 1/2" sq.
H 7 7/8"
Wt. 0.3 lbs.
Art. 722/2
Mtl 9/16" sq.
H 9"
Wt. 0.5 lbs.



Art. 722/3
Mtl 1/2" sq.
H 7 7/8"
Wt. 0.4 lbs.
Art. 722/4
Mtl 9/16" sq.
H 8 21/32"
Wt. 0.4 lbs.



Art. 722/5
Mtl 1/2" sq.
H 5 29/32"
Wt. 0.4 lbs.
Art. 722/6
Mtl 9/16" sq.
H 6 11/16"
Wt. 0.3 lbs.



Art. 1385/4
Mtl 1/2" dia.
H 7 7/8"
Wt. 0.4 lbs.
Art. 1385/5
Mtl 9/16" dia.
H 7 7/8"
Wt. 0.5 lbs.
Art. 1385/6
Mtl 5/8" dia.
H 7 7/8"
Wt. 0.7 lbs.



Art. 1385/7
Mtl 1/2" dia.
H 7 7/8"
Wt. 0.4 lbs.
Art. 1385/8
Mtl 9/16" dia.
H 7 7/8"
Wt. 0.5 lbs.
Art. 1385/9
Mtl 5/8" dia.
H 7 7/8"
Wt. 0.7 lbs.



Art. 1385/10
Mtl 1/2" dia.
H 7 7/8"
Wt. 0.4 lbs.
Art. 1385/11
Mtl 9/16" dia.
H 7 7/8"
Wt. 0.5 lbs.
Art. 1385/12
Mtl 5/8" dia.
H 7 7/8"
Wt. 0.7 lbs.



Art. 1385/13
Mtl 1/2" dia.
H 7 7/8"
Wt. 0.4 lbs.
Art. 1385/14
Mtl 9/16" dia.
H 7 7/8"
Wt. 0.5 lbs.
Art. 1385/15
Mtl 5/8" dia.
H 7 7/8"
Wt. 0.7 lbs.



Art. 1765/16
(ex 9164/1)
Mtl 9/16" sq.
H 7 7/8"
Wt. 0.7 lbs.
Art. 1765/11
(ex 9164/2)
Mtl 1/2" sq.
H 7 7/8"
Wt. 0.5 lbs.



Art. 1765/31
(ex 9164/3)
Mtl 9/16" sq.
H 7 7/8"
Wt. 0.7 lbs.
Art. 1765/26
(ex 9164/4)
Mtl 1/2" sq.
H 7 7/8"
Wt. 0.5 lbs.



Art. 1765/46
(ex 9164/5)
Mtl 9/16" sq.
H 7 7/8"
Wt. 0.7 lbs.
Art. 1765/41
(ex 9164/6)
Mtl 1/2" sq.
H 7 7/8"
Wt. 0.5 lbs.

Hot Stamped Steel Spear Points



Art. 1386/1
Mtl 1 19/32" sq.
H 5 29/32"
Wt. 2.1 lbs.
Art. 1386/2
Mtl 1 1/4" sq.
H 5 5/16"
Wt. 1.5 lbs.



Art. 1386/3
Mtl 1" sq.
H 4 15/16"
Wt. 0.6 lbs.
Art. 1386/4
Mtl 13/16" sq.
H 3 15/16"
Wt. 0.3 lbs.



Art. 1386/5
Mtl 9/16" sq.
W 1 13/16"
H 5 1/2"
Wt. 0.4 lbs.
Art. 1386/6
Mtl 1/2" sq.
W 1 21/32"
H 4 3/4"
Wt. 0.3 lbs.



Art. 1386/7
Mtl 5/8" dia.
W 2 3/4"
H 6 1/8"
Wt. 0.7 lbs.
Art. 1386/8
Mtl 1/2" dia.
W 2 3/8"
H 5 1/8"
Wt. 0.4 lbs.



Art. 1386/9
Mtl 1" dia.
W 2 3/4"
H 5 1/2"
Wt. 0.4 lbs.
Art. 1386/10
Mtl 27/32" dia.
W 2 3/8"
H 4 17/32"
Wt. 0.3 lbs.



Art. 1386/11
Mtl 5/8" dia.
2 15/32" W x
5 29/32" H
Wt. 0.6 lbs.



Art. 1386/12
Mtl 1 1/4" dia.
W 2 3/8"
H 4 15/16"
Wt. 0.5 lbs.
Art. 1386/13
Mtl 1" dia.
W 2 3/16"
H 4 11/32"
Wt. 0.4 lbs.

Decorative Components

IND 154



Art. 124/3
Mtl 1/2" dia.
H 4 29/32"
Wt. 0.3 lbs.



Art. 124/7
Mtl 9/16" dia.
H 5"
Wt. 0.3 lbs.



Art. 124/6
Mtl 19/32" dia.
H 6 6/32"
Wt. 0.7 lbs.



Art. 126/E/1
Mtl 19/32" dia.
W 2 5/32"
H 5 29/32"
Wt. 0.6 lbs.



Art. 124/8
Mtl 19/32" dia.
H 8 3/16"
Wt. 1.2 lbs.



Art. 123/7
Mtl 1 9/16" dia.
H 7 7/8"
Wt. 1.1 lbs.



Art. 125/4
Mtl 3/4" dia.
H 5 1/8"
Wt. 0.7 lbs.



Art. 89/4
Mtl 5/16" sq.
H 2 1/8"
Wt. 0.1 lbs.

Art. 124/4
Mtl 19/32" dia.
H 6 5/16"
Wt. 0.7 lbs.

Art. 124/5
Mtl 3/4" dia.
H 7 5/32"
Wt. 1.2 lbs.





Art. 126/B/9
Mtl 27/32" dia.
W 2 19/32"
H 6 5/8"
Wt. 1.0 lbs.



Art. 126/B/4
Mtl 3/4" dia.
W 2 27/32"
H 5 3/32"
Wt. 0.5 lbs.



Art. 725/1
Mtl 1 3/16" dia.
H 6 5/8"
Wt. 1.3 lbs.



Art. 725/5
Mtl 1 1/16" dia.
H 8 21/32"
Wt. 2.2 lbs.





Art. 725/2
Mtl 1 1/4" dia.
H 8 7/8"
Wt. 2.3 lbs.



Art. 725/3
Mtl 3/4" sq.
H 11 1/4"
Wt. 3.05 lbs.



Art. 725/4
Mtl 2"
H 9 1/4"
Wt. 2 lbs.



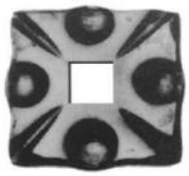
Art. 1408/1
Mtl 3 1/8" sq.
Hole 1 1/32"
Wt. 0.4 lbs.



Art. 1408/2
Mtl 2 1/8" sq.
Hole 5/8"
Wt. 0.2 lbs.

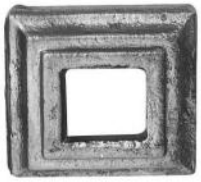


Art. 181/6
Mtl 5/16"
4 3/4" sq.
Wt. 0.2 lbs.



Art. SHOE 94/A/6/S1
Mtl 5/16"
3 1/8" sq.
Hole 1" sq.
Wt. 0.8 lbs.

Art. SHOE 94/A/6/S
Mtl 1/4"
2" sq.
Hole 9/16" sq.
Wt. 0.7 lbs.



Art. 819/2/S (SHOE 1)
Mtl 3 1/8" sq.
Hole 1"
Wt. 0.8 lbs.

Art. 819/8 (SHOE 12)
Mtl 1 1/2" sq.
Hole 1/2" sq.
Wt. 0.2 lbs.

Art. 819/1
Mtl 2 3/8" sq.
Hole 1 3/16" sq.
Wt. 0.6 lbs.

Art. 819/6 (SHOE 58)
Mtl 1 1/2" sq.
Hole 5/8" sq.
Wt. 0.2 lbs.



Art. 1408/5
Mtl 1 9/16" dia.
Hole 1/2" dia.
H 19/32"
Wt. 0.1 lbs.



Art. 1408/6
Mtl 2 3/8" dia.
Hole 1 1/4" dia.
H 11/16"
Wt. 0.2 lbs.



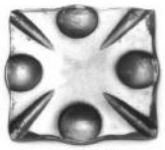
Art. 94/A/3
3 15/16" x 3 15/16"
5/16" Thickn.
Wt. 0.8 lbs.



Art. 94/A/5
Mtl 3 5/32" x 3 5/32"
5/16" Thickn.
Wt. 0.8 lbs.



Art. 94/A/4
3 5/32" x 3 5/32"
5/16" Thickn.
Wt. 0.8 lbs.



Art. 94/A/6
Mtl 3 5/32" x 3 5/32"
5/16" Thickn.
Wt. 0.8 lbs.



Art. 113/9
3" dia.
Wt. 4.6 lbs.



Art. 113/10
2 3/4" dia.
Wt. 4.9 lbs.



Art. 160/43
3 5/32" x 5 1/8"
Base 1 9/16" dia.
threaded hole 12 MA
Wt. 1.5 lbs.



Art. 160/44
3 3/4" x 2 7/8"
Base 1 9/16" dia.
threaded hole 12 MA
Wt. 1.3 lbs.



hot stamped steel

Art. 1404/1
Mtl 4 5/16" dia.
5 1/2" x 3 17/32"
Wt. 14.5 lbs.

Art. 1404/2
Mtl 3 17/32" dia.
4 29/32" x 2 3/4"
Wt. 8.4 lbs.

Art. 1404/3
Mtl 2 3/4" dia.
5 15/16" x 2 5/32"
Wt. 4.0 lbs.

Art. 1404/4
Mtl 2 5/32" dia.
3 11/32" x 1 3/4"
Wt. 1.8 lbs.



Art. 160/45
2 9/32" x 4 5/8"
Base 1 9/16"
threaded hole 12 MA
Wt. 1.0 lbs.



Art. 160/46
2 1/8" x 3 1/16"
Base 1 9/16"
threaded hole 12 MA
Wt. 0.7 lbs.

COLUMN TERMINALS



Art. 128/29
2" dia.
4 1/8"
Wt. 1.3 lbs.

Art. 128/32
3 15/16" dia.
7 7/8"
Wt. 12.8 lbs.



Art. 128/30
2" dia.
3 15/16" H
Wt. 1.9 lbs.

Art. 128/33
1 3/32" dia.
3 5/32" H
Wt. 0.9 lbs.

Art. 128/34
3 15/16" dia.
7 7/8" H
Wt. 12.8 lbs.



Art. 128/31
3 15/16" H
7 3/32" H
Wt. 12.8 lbs.

Art. 128/35
2" H
3 17/32" H
Wt. 1.7 lbs.

New Items



Art. 1406/9
Mtl 13/16"
3 15/16" dia.
Wt. .18 lbs.



Art. 1406/7
Mtl 1"
3 9/16" dia.
Wt. .15 lbs.



Art. 1406/3
Mtl 1 9/16"
5 1/2" dia.
Wt. .15 lbs.

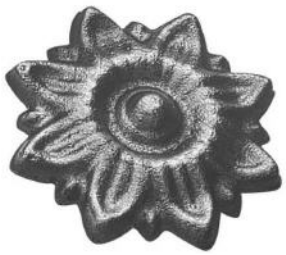
CAST IRON



Art. 756/12
Mtl 5 5/16" dia.
Thread hole M5
Thickn. 1/2"
Wt. 1.7 lbs.



Art. 756/2
Mtl 3 5/32" dia.
Thread hole M5
Wt. .47 lbs.



Art. 1393/8
Mtl 3 9/16" dia.
Thread hole M5
Thickn. 5/16"
Wt. .48 lbs.



Art. 756/4
Mtl 3 15/16" dia.
Thread hole M6
Wt. .79 lbs.

Art. 756/13
Mtl 4 17/32" dia.
Thread hole M5
Thickn. 1/2"
Wt. 1.7 lbs.

Art. 756/14
Mtl 3 15/16" dia.
Thread hole M5
Thickn. 3/8"
Wt. 1.7 lbs.



New Items



Art 1331/2
W 17 23/32"
H 17 23/32"
Wt. 5.3 lbs.
Art. 1331/4
Unpainted



Art. 1329/1
Mtl. 5/16" dia.
W 5 1/2"
H 17 3/4"
Wt. 1.0 lbs.



Art. 1329/6
Mtl. 5/16" dia.
W 5 1/8"
H 19 11/16"
Wt. 1.5 lbs.



Decorative Components

IND 160

High Quality Hand Forged Leaves



Art. 689/7
Mtl 1/2" dia.
W 6 5/16"
H 3 15/16"
3/16" thickn.
Wt. 0.7 lbs.



Art. 689/8
Mtl 1/2" dia.
W 6 5/16"
H 3 15/16"
3/16" thickn.
Wt. 0.7 lbs.



Art. 689/9
Mtl 1/2" dia.
W 7 7/8"
H 5 7/8"
3/16" thickn.
Wt. 1.0 lbs.



Art. 689/10
Mtl 1/2" dia.
W 7 7/8"
H 5 7/8"
3/16" thickn.
Wt. 1.0 lbs.



Art. 691/1
Mtl 1/2" dia.
W 6 5/16"
H 3 15/16"
3/16" thickn.
Wt. 0.5 lbs.



Art. 691/2
Mtl 1/2" dia.
W 6 5/16"
H 3 15/16"
3/16" thickn.
Wt. 0.5 lbs.



Art. 691/3
W 2 3/4"
H 4 3/4"
3/16" thickn.
Wt. 0.2 lbs.



Art. 691/4
W 2 3/4"
H 4 3/4" 3/16"
thickn.
Wt. 0.2 lbs.



Art. 691/5
Mtl 1/2" dia.
2 15/16" dia.
Wt. 0.4 lbs.



Art. 692/1
W Mtl 3 11/32"
H 10 5/8"
5/32" thickn.
Wt. 0.7 lbs.



Art. 691/6
Mtl 1/2" dia.
W 3 1/8"
H 3 15/16"
3/16" thickn.
Wt. 0.2 lbs.



Art. 691/7
Mtl 1/2" dia.
W 3 1/8"
H 3 15/16"
3/16" thickn.
Wt. 0.2 lbs.



Art. 692/2
W 3 1/8"
H 3 1/8"
5/32" thickn.
Wt. 0.4 lbs.



Art. 692/3
W 2 3/8"
H 3 3/4"
5/32" thickn.
Wt. 0.2 lbs.



Art. 692/4
W 3 3/4"
H 6 5/8"
3/16" thickn.
Wt. 0.6 lbs.



Art. 692/6
W 3 1/8"
H 6 5/16"
3/16" thickn.
Wt. 0.3 lbs.



Art. 694/12
W 4 3/4"
H 8 1/4"
1/4" thickn.
Wt. 0.8 lbs.



Art. 694/13
W 4 3/4"
H 8 1/4"
1/4" thickn.
Wt. 0.8 lbs.



Art. 692/8
W 4 5/16"
H 13"
5/32" thickn.
Wt. 2.1 lbs.



Art. 692/9
W 2"
H 7 1/16"
5/32" thickn.
Wt. 0.6 lbs.



Art. 692/10
W 4 5/16"
H 9 1/16"
5/32" thickn.
Wt. 0.9 lbs.



Art. 94/B/3
W 4 1/2"
H 8 5/8"
5/32" thickn.
Wt. 0.6 lbs.



Art. 94/B/4
W 3 1/8"
H 9 7/8"
5/32" thickn.
Wt. 0.5 lbs.



Art. 94/B/9
W 3 11/32"
H 4 3/4"
5/32" thickn.
Wt. 0.3 lbs.



Art. 94/B/10
W 3 11/32"
H 4 3/4"
5/32" thickn.
Wt. 0.3 lbs.



Art. 94/B/11
W 5 1/8"
H 7 1/16"
5/32" thickn.
Wt. 0.6 lbs.



Art. 94/B/12
W 5 1/8"
H 7 1/16"
5/32" thickn.
Wt. 0.6 lbs.



Hand forged
Art. 140/H/1
W 5 1/8"
H 10 5/8"
Wt. 8.6 lbs.



Hand forged
Art. 140/H/2
W 3 9/16"
H 6 5/8"
Wt. 2.5 lbs.



Hand forged
Art. 673/1
W 5 1/8"
H 10 5/8"
Wt. 7.7 lbs.



Hand forged
Art. 673/2
W 3 9/16"
H 6 5/8"
Wt. 2.4 lbs.



Art. 673/3
Mtl. 1/4" dia.
H 5 7/8"
Wt. 0.2 lbs.



Art. 140/H/3
Mtl 3/16"
3 9/16" x 4 15/16"
Wt. 0.4 lbs.



Art. 140/H/4
Mtl 3/16"
5 7/8" x 7 5/8"
Wt. 0.9 lbs.

STAMPED LEAVES



Art. 136/1
Mtl 1/8"
W 1 9/16"
H 5 5/16"
right hand
Wt. 0.2 lbs.



Art. 136/2
Mtl 1/8"
W 1 9/16"
H 5 5/16"
left hand
Wt. 0.2 lbs.



Art. 136/10
Mtl 1/8"
W 2 3/4"
H 6 5/16"
right hand
Wt. 0.3 lbs.



Art. 136/11
Mtl 1/8"
W 2 3/4"
H 6 5/16"
left hand
Wt. 0.3 lbs.



Art. 136/4
Mtl 1/8"
W 2 3/4"
H 2 3/8"
right hand
Wt. 0.2 lbs.



Art. 136/3
Mtl 1/8"
W 2 3/4"
H 2 3/8"
left hand
Wt. 0.2 lbs.

SOLID BRASS



Art. 1463/14
Mtl 1/8"
W 2 3/4"
H 2 3/8"
right hand
Wt. 0.2 lbs.



Art. 1463/15
Mtl 1/8"
W 2 3/4"
H 2 3/8"
left hand
Wt. 0.2 lbs.

FULLY WELDABLE CAST STEEL LEAVES



Art. 661/1
Mtl 5/8" x 5/16"
W 5 1/2"
H 6 1/8"
Wt. 0.6 lbs.



Art. 661/2
Mtl 5/8" x 5/16"
W 5 1/2"
H 6 1/8"
Wt. 0.6 lbs.



Art. 661/3
Mtl 5/16" dia.
W 4 5/16"
H 6 1/8"
Wt. 0.8 lbs.



Art. 661/4
Mtl 5/16" dia.
W 3"
H 4 15/16"
Wt. 0.3 lbs.



Art. 663/1
Mtl 5/8" x 1/4"
W 4 5/16"
H 5 1/2"
Wt. 0.4 lbs.



Art. 663/2
Mtl 5/8" x 1/4"
W 4 5/16"
H 5 1/2"
Wt. 0.4 lbs.



Art. 1463/16
Mtl 1/8"
W 4 5/16"
H 1 9/16"
right hand
Wt. 0.2 lbs.



Art. 1463/17
Mtl 1/8"
W 4 5/16"
H 1 9/16"
left hand
Wt. 0.2 lbs.



Art. 663/5
Mtl 1/2" dia.
W 4 1/2"
H 7 1/16"
Wt. 0.6 lbs.



Art. 663/6
Mtl 1/2" dia.
W 4 1/2"
H 7 1/16"
Wt. 0.6 lbs.



Art. 663/7
Mtl 1/2" dia.
W 6 5/16"
H 7 1/2"
Wt. 0.9 lbs.



Art. 663/8
Mtl 1/2" dia.
W 6 5/16"
H 7 1/2"
Wt. 0.9 lbs.



Art. 662/3
Mtl 1/2" dia.
W 2 9/16"
H 5 1/8"
Wt. 0.3 lbs.



Art. 662/4
Mtl 1/2" dia.
W 2 9/16"
H 5 1/8"
Wt. 0.3 lbs.



Art. 663/3
Mtl 1/2" dia.
W 2 3/4"
H 3 9/16"
Wt. 0.3 lbs.



Art. 663/4
Mtl 1/2" dia.
W 2 3/4"
H 3 9/16"
Wt. 0.3 lbs.

Floral Elements



Art. 94/B/5
4 5/32" dia.
Mtl 5/32"
Wt. 0.4 lbs.



Art. 94/B/6
4 17/32" dia.
Mtl 5/32"
Wt. 0.4 lbs.



Art. 695/1
W 3 1/8"
H 3 1/8"
Mtl 5/32"
Wt. 0.3 lbs.



Art. 695/2
W 3 11/32"
H 3 11/32"
Mtl 5/32"
Wt. 0.3 lbs.



Art. 695/3
W 4 5/16"
H 4 5/16"
Mtl 5/32"
Wt. 0.3 lbs.



Art. 695/4
W 2 3/8"
H 2 3/8"
Mtl 5/32"
Wt. 0.2 lbs.



Art. 695/5
W 2 3/8"
H 2 3/8"
Mtl 5/32"
Wt. 0.1 lbs.



Art. 696/2
Mtl 17 5/16" dia.
Wt. 3.8 lbs.



Art. 696/3
Mtl 5/32" dia.
W 15 3/4"
H 16 15/16"
Wt. 6.6 lbs.



Art. 140/I/3
Mtl 5/32" dia.
2 3/8"
Wt. .9 lbs.

Decorative Components

IND 162

Flowers in Pressed Sheet Metal



Art. 138/3
Mtl 5/64"
3 15/32" dia.
H 21/32"
Wt. 0.1 lbs.

Art. 138/4
Mtl 5/64"
3 9/16" dia.
H 3/8"
Wt. 0.1 lbs.

Art. 138/10
Mtl .0197"
W 1 3/4"
H 3 11/32"
Wt. .03 lbs.

Art. 138/11
Mtl .0197"
W 2 15/16"
H 2 3/4"
Wt. .03 lbs.

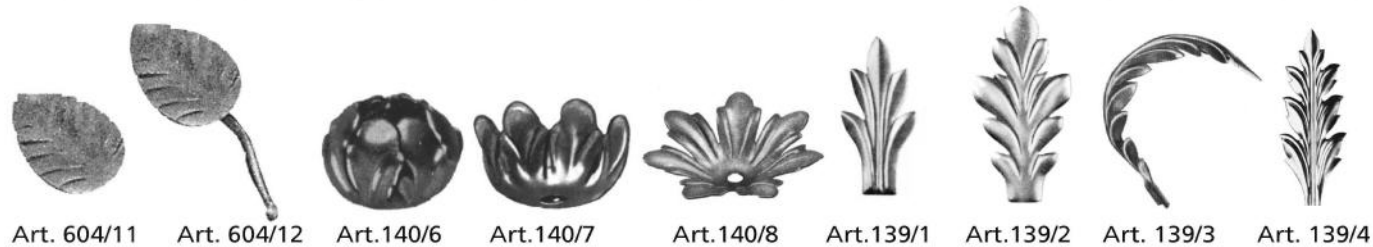
Art. 138/12
Mtl .0197"
W 3 3/4"
H 4 1/8"
Wt. .03 lbs.

Art. 138/13
Mtl .0197"
W 7 1/2"
H 7 5/8"
Wt. .07 lbs.

Art. 702/1
Mtl .0197"
W 2 7/16"
H 4 5/16"
Wt. .04 lbs.

Art. 702/2
Mtl .0197"
W 2 1/16"
H 2 9/16"
Wt. .01 lbs.

Art. 702/3
Mtl .0197"
W 3 1/8"
H 7 7/8"
Wt. 0.1 lbs.



Art. 604/11
thickness 5/64"
W 1 1/4"
H 1 3/4"
Wt. .04 lbs.

Art. 604/12
W 1 1/4"
H 1 3/4"
stem 1/8"
Wt. .05 lbs.

Art.140/6
Mtl .0118"
11/16" dia.
H 19/32"
Wt. .01 lbs.

Art.140/7
Mtl .0118"
11/16" dia.
H 1/2"
Wt. .01 lbs.

Art.140/8
Mtl .0118"
1 17/32" dia.
H 3/8"
Wt. .01 lbs.

Art.139/1
Mtl .0197"
W 1 5/32"
H 2 9/16"
Wt. .03 lbs.

Art.139/2
Mtl .0197"
W 1 39/64"
H 3 9/16"
Wt. .03 lbs.

Art. 139/3
Mtl .0118"
W 1 3/16"
H 3 11/32"
Wt. .04 lbs.

Art. 139/4
Mtl .0118"
W 2 23/64"
H 7 7/8"
Wt. .07 lbs.



Art. 139/5
Mtl .0118"
W 1 3/8"
H 3 15/16"
Wt. 04 lbs.

Art. 139/6
Mtl 5/64"
W 1 3/32"
H 2 3/4"
Wt. 03 lbs.

Art. 138/16
Mtl .0118"
W 1 3/16"
H 3 11/32"
Wt. .02 lbs.

Art. 138/7
Mtl .0118"
W 1 3/16"
H 3 11/32"
Wt. .02 lbs.

Art. 140/1
Mtl .0197"
W 1"
H 2 1/8"
Wt. .01 lbs.

Art. 140/2
Mtl .0118"
W 1 5/32"
H 2 7/16"
Wt. .02 lbs.

Art. 140/3
Mtl .0118"
W 1 29/64"
H 3 1/8"
Wt. .03 lbs.

Art. 140/4
Mtl .0118"
W 1 3/8"
H 3 15/16"
Wt. .02 lbs.

Art. 140/5
Mtl .0197"
W 2 3/8"
H 2 23/32"
Wt. .2 lbs.



Art. 136/5
Mtl .0197"
2 9/16" dia.
H 1 3/16"
Wt. .05 lbs.

Art. 136/6
Mtl .0197"
2 1/8" dia.
H 1 19/64"
Wt. .07 lbs.

Art. 136/7
Mtl .0197"
1 1/2" dia.
H 1 9/16"
Wt. .05 lbs.

Art. 136/8
Mtl .0118"
1 21/32" dia.
H 11/16"
Wt. .02 lbs.

Art. 136/9
Mtl .0118"
1 7/8" dia.
H 19/32"
Wt. .01 lbs.

Art. 137/7
Mtl .0197"
W 2 3/8"
H 5 1/8"
Wt. .08 lbs.

Art. 137/8
Mtl .0197"
W 2"
H 3 9/16"
Wt. .03 lbs.

Art. 137/9
Mtl .0197"
W 4 5/16"
H 2 9/16"
Wt. .04 lbs.

Art. 137/10
Mtl .0197"
W 6 7/8"
H 4 15/16"
Wt. 0.1 lbs.

Heavy Gauge Floral Elements



Art. 116/35
2 9/16" dia.
H 5/16"
hole 19/32" dia.
Wt. 0.3 lbs.

Art. 116/A/3
3 3/4" dia.
Mtl 1/8"
Wt. 0.4 lbs.

Art. 116/A/4
2 5/16" dia.
Mtl 1/8"
Wt. 0.2 lbs.

Art. 116/A/5
3 3/4" dia.
Mtl 1/8"
Wt. 0.6 lbs.

Art. 138/2
2 3/8" dia.
Mtl 5/64"
Wt. 0.1 lbs.

Art. 138/15
2 3/8" dia.
Mtl 5/64"
Wt. 0.2 lbs.

Art. 126/3
3 1/8" dia.
5/32" thickn.
Wt. 0.3 lbs.

Art. 697/3
3 3/4" dia.
Mtl 1/8"
Wt. 0.5 lbs.

Art. 697/4
2 9/16" dia.
Mtl 1/8"
Wt. 0.2 lbs.

New Items New Items



Art. 839/1
1 1/4" dia. (handle)
H 11 13/16"
Rosette - 3 11/32"
Wt. 0.3 lbs.



Art. 168/1
W 2 23/64"
H 11 13/16"
Wt. 0.3 lbs.



Art. 1474/2
3 9/16" dia.
bases
H 13 3/8"
Wt. 0.3 lbs.



Art. 839/3
Mtl 11/16"
W 3 1/8"
H 18 7/8"
Wt. 0.3 lbs.

Door Studs



two points

Art. 171/40
Mtl 5/8"
Wt. 0.3 lbs.
Art. 171/41
Mtl 3/4"
Wt. 0.3 lbs.
Art. 171/42
Mtl 1" sq.
Wt. 0.3 lbs.



one point

Art. 171/37
Mtl 1/2"
Wt. 0.3 lbs.
Art. 171/38
Mtl 19/32"
Wt. 0.3 lbs.
Art. 171/39
Mtl 3/4"
Wt. 0.3 lbs.



Art. 170/6
W 2 3/8"
H 12 7/32"
Wt. 0.3 lbs.



Art. 1474/3
W 1 19/32"
H 12 13/32"
Wt. 0.3 lbs.



Art. 1474/1
W 2 3/16"
H 10 5/8"
Wt. 0.3 lbs.

Decorative Components

IND 165

Welded Greek Frieze



Art. 1813/1
(ex 9170/7)
Mtl 9/18" x 1/4"
29 1/2" x 6 1/8"
Wt. 6.2 lbs.



Art. 1813/2
(ex 9160/8)
Mtl 9 7/8" x 5 7/8"
Wt. 1.5 lbs.





Blue
GLASS
Art. 478/3
3 1/2" dia.
Wt. 0.4 lbs.

Not double faced



WOOD
Art. 745/1
3 7/8" dia.
Wt. 0.4 lbs.



BRASS
Art. 160/H/N
3 7/8" dia.
Wt. 0.4 lbs.

Brass, glass and wooden embellishments are suggested for inside use only.

Self Tapping Screws



Art. 695/6
Mtl 1 3/16"
3 17/32" x 3/8"
Wt. 0.3 lbs.



Art. 695/7
Mtl 27/32"
2 15/16" x 5/16"
Wt. 0.1 lbs.



Art. 695/8
Mtl 5/8"
2 7/16" x 5/16"
Wt. 0.1 lbs.



Art. 695/9
Mtl 1 1/4"
3 17/32" x 5/8"
Wt. 0.4 lbs.

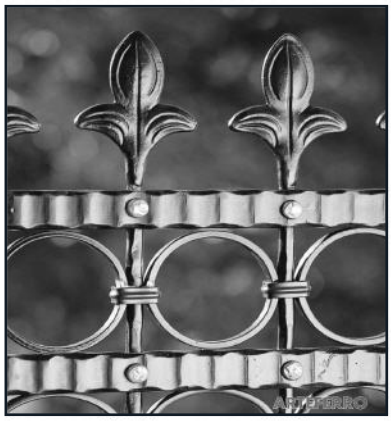


Art. 695/10
Mtl 15/16"
3 11/32" x 5/16"
Wt. 0.1 lbs.



Art. 695/11
Mtl 3/4"
2 7/16" x 5/16"
Wt. 0.1 lbs.

Rivets





Art. 695/12
Mtl 1/2"
2 15/16" x 7/32"
Wt. 0.03 lbs.



Art. 41/1
Mtl 5/16" x 1"
Wt. 0.03 lbs.
Art. 41/14
Mtl 5/16" x 5/16"
Wt. 0.02 lbs.
Art. 41/15
Mtl 5/16" x 3/4"
Wt. 0.03 lbs.
Art. 41/18
Mtl 5/16" x 1"
Wt. 0.2 lbs.
Art. 41/21
Mtl 1/4" x 19/16"
Wt. 0.02 lbs.

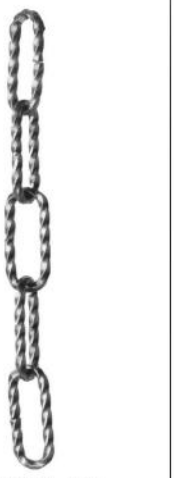


Art. 41/9
Mtl 5/16" x 19/16"
5/8"
Wt. 0.05 lbs.
Art. 41/10
Mtl 1/4" x 19/16"
1/2"
Wt. 0.02 lbs.



Art. 41/11
Mtl 5/16" x 1"
21/32"
Wt. 0.04 lbs.
Art. 41/12
Mtl 5/16" x 1 3/16"
21/32"
Wt. 0.04 lbs.

Handrail Support and Plates



CHAINS L 33'
Size refers to the inside width of the link
Art. 156/A/10
Mtl 3/16" sq.
W 19/32"
H 2 1/8"
Wt. 9.4 lbs.



Art. 94/A/1
Mtl 6 5/16" x 3 23/32"
Wt. 1.2 lbs.



Art. 94/A/2
Mtl 6 5/16" x 3 23/32"
Wt. 1.2 lbs.



Art. 116/33
Mtl 5 29/32" x 4 5/16"
5/8" sq.
Wt. 0.9 lbs.



Art. 116/34
Mtl 5 29/32" x 4 5/16"
5/8" sq.
Wt. 0.9 lbs.



Art. 116/35
Mtl 2 9/16"
Hole 9/16"
Wt. 0.3 lbs.



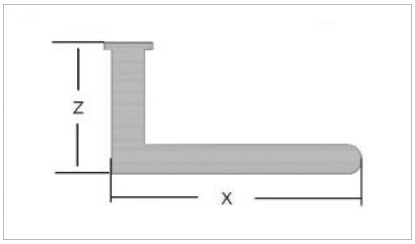
Art. 1405/1
Mtl 1" x 5/16"
5/16" - 1/2"
Wt. 0.7 lbs.



Art. 1405/2
Mtl 3 5/32"
5/16" - 1/2"
Wt. 0.9 lbs.



Art. 1405/3
Mtl 3 5/32"
5/16" - 5/8"
Wt. 0.9 lbs.



Door handles (Galvanized and Painted)



Art. 1476/1
z = 5 1/16"
x = 3 15/16"
Wt. 1.3 lbs.



Art. 1476/2
z = 5 3/32"
x = 2 13/16"
Wt. 1.3 lbs.



Art. 1476/3
z = 4 7/8"
x = 2 23/32"
Wt. 1.5 lbs.



Art. 1476/4
z = 5 3/32"
x = 3 3/32"
Wt. 1.7 lbs.



Art. 1476/5
z = 5 5/16"
x = 3 1/16"
Wt. 1.7 lbs.



Art. 1476/6
z = 5 1/4"
x = 3 23/32"
Wt. 1.1 lbs.



Art. 1476/7
z = 5 7/32"
x = 2 7/8"
Wt. 1.6 lbs.



Art. 1476/8
z = 5 21/32"
x = 3 15/16"
Wt. 1.8 lbs.

Decorative Components

Accessories

Rosettes for handles



Art. 1476/9
Wt. 0.3 lbs.



Art. 1476/10
Wt. 0.3 lbs.

ALL OF THESE ITEMS ARE SUPPLIED IN PAIRS



Art. 1476/11
Wt. 0.2 lbs.



Art. 1476/12
Wt. 0.2 lbs.

Rosettes for locks



Art. 1476/13
Wt. 0.2 lbs.



Art. 1476/14
Wt. 0.2 lbs.

Hinges, Pulls and Lockets



Art. 169/11
W 4 15/16"
H 2 3/4"
Wt. 0.6 lbs.



Art. 169/15
W 4 15/15"
H 1 9/16"
Wt. 0.6 lbs.



Art. 170/A/2
W 4 15/16"
H 2 5/8"
Wt. 0.1 lbs.



Art. 170/B/4
Mtl 9/16" dia.
W 2 1/16"
H 3 5/16"
Wt. 0.3 lbs.



Art. 170/B/5
W 3 5/8"
H 3 3/16"
Wt. 0.2 lbs.



Art. 170/A/3
W 2 1/8"
H 3 5/8"
Wt. 0.1 lbs.



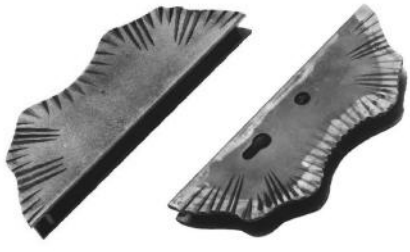
Art. 170/A/5
W 1 11/16"
H 1 5/16"
Wt. 0.1 lbs.



Art. 170/A/7
W 1 7/8"
H 1 7/8"
Wt. 0.1 lbs.

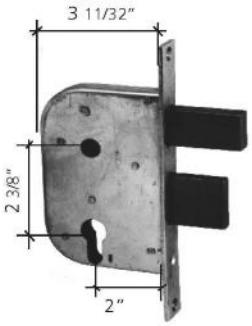


Art. 170/5
2" dia.
Wt. .07 lbs.



Art. 181/10
Mtl 1 3/16" dia.
W 4 1/8"
H 11 1/4"
1 3/16" thick.
Wt. 4.6 lbs.

Art. 181/11
Mtl 1 3/16" dia.
W 4 1/8"
H 11 1/4"
1 3/16" thick.
Wt. 4.6 lbs.



Art. 181/12
W 4 1/8"
H 11 1/4"
Wt. 1.8 lbs.



Art. 181/13
Threaded
22 MA
H 9 1/16"
Wt. 4.1 lbs.



Art. 181/14
Threaded
17 MA
H 6 7/8"
Wt. 2.1 lbs.



Art. 181/15
Threaded for
Art. 181/11
Art. 181/12
Wt. 0.4 lbs.

HINGES CERTIFIED FOR HIGH CAPACITY



Art. 181/13
Threaded
22 MA
9 1/16" H
Wt. 4.1 lbs.



Art. 181/14
Threaded
17 MA
6 7/8" H
Wt. 2.1 lbs.



PIVOT

with HINGE
18MA
art. 164/7
to be coupled with
art. 164/9

with HINGE
18MA
art. 164/8
to be coupled with
art. 164/10

CERTIFIED PRODUCTS
CERTIFICATION AN TESTED AVAILABLE AT
WWW.ARTEFERRO.COM



	PLATE
with HINGE 18MA	Art. 164/9
with HINGE 22MA	Art. 164/10



FERRUMAMANTIBUS - 1

from page 1 to page 416

Art. 212/1





1592 Photographs.

432 Art pages overprinted in gold.

24 Technical and explanatory drawings.

12 Pages of original historical research on wrought iron production, from the Egyptians to present times.

HOMO FABER - 2

from page 417 to page 944

Art. 938/1





540 pages showing actual pictures, technical data and example pictures of more than 3,000 ready made forgings steadily produced in our own factories and readily available for delivery.



Art. 1598/2
box with catalogues
(Vol. 1°, 2°, 3°, 4°)

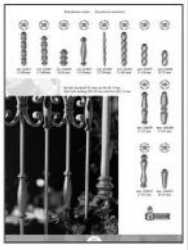
IN FERRO QUALITAS - 3

from page 945 to page 1610

Art. 1596/1



700 Pages full with photos, technical data, actual applications on fences, grills, doors etc. of over 4,000 ready made Wrought Iron forgings.



FABER FERRARIUS - 4

from page 1611 to page 1986

Art. 3005/70



A thousand photos tells of a job started thirty years ago and grown overwhelmingly into the new millennium, always with innovative and competitive ideas to satisfy all new economic realties.

Catalogs

GATES BOOK

Art. 939/1
Pages 382





STAIRWAYS BOOK

Art. 3005/26
Pages 349





DOOR and WINDOWS BOOK





Art. 1601/1
Pages 296



FENCES and RAILINGS BOOK



Art. 1601/2
Pages 512





Catalogs

ART FURNITURE BOOK

Art. 3005/65
Pages 592





ART LINE

Art. 3005/2
Pages 94





GARDEN LINE

Art. 3005/1
Pages 158





DESIGNS BOOK

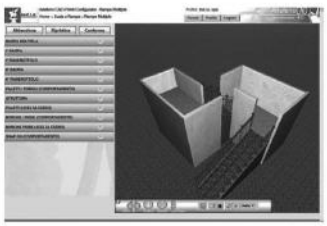


Art. 211/2
Pages 346

ArteferroCAD 4.0

WEB CONFIGURATOR

The main change in the new version of the software, called Arteferro CAD 4 Web Configurator, is the fact that it will be offered exclusively online. This choice stems from the wish to offer the product to wrought iron "pros" and to others that have fallen in love with wrought iron and stainless steel. The software program is constantly updated as well with the addition of new items and pre-built compositions free of charge.





Requirements for a correct working:
- Microsoft Internet Explorer 7
- Internet line
- A 3D graphic card with video resolution of 1280x1024 or more pixel is recommended

Catalogs

GONZATO DESIGN

Art. 3005/33
Pages 250







ARTEFERRO INOX

Art. 3005/56
Pages 400











COMPENDIUM

Art. 3005/73
Pages 628





POWDER COATED PICKETS

Art. 3005/71
Pages 72





SECTION 15
Miscellaneous Steel & Brass Components









1/2" Sq. Solid Forged Scrolls with Fishtail Ends







Style A

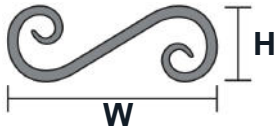
Mtl. 1/2" Square Solid



Part #	W	H	Type of End
FS50A1FT	4-1/4"	3"	Fishtail (Smooth Bar)
FS50A2FT	7-1/4"	4-1/2"	Fishtail (Smooth Bar)

Style B

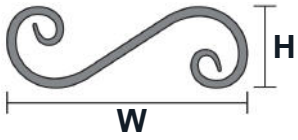
Mtl. 1/2" Square Solid



Part #	W	H	Type of End
FS50B1FT	10-5/8"	3-3/4"	Fishtail (Smooth Bar)
FS50B2FT	20"	6"	Fishtail (Smooth Bar)
FS50B3FT	24"	8"	Fishtail (Smooth Bar)

Style C

Mtl. 1/2" Square Solid



Part #	W	H	Type of End
FS50C1FT	14-5/8"	4-3/4"	Fishtail (Smooth Bar)

Style D

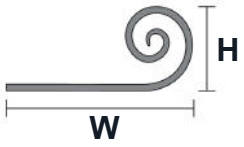
Mtl. 1/2" Square Solid



Part #	W	H	Type of End
FS50D1FT	11-1/2"	3-1/2"	Fishtail (Smooth Bar)

Style E

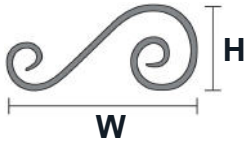
Mtl. 1/2" Square Solid



Part #	W	H	Type of End and Texture
FS50E1FT	18"	4-1/2"	Fishtail (Smooth Bar)
FS50E2FT	18"	8"	Fishtail (Smooth Bar)

Style F

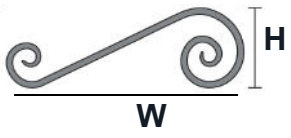
Mtl. 1/2" Square Solid



Part #	W	H	Type of End and Texture
FS50F1FT	13-7/8"	5-3/8"	Fishtail (Smooth Bar)
FS50F2FT	15"	6-3/4"	Fishtail (Smooth Bar)

Style G

Mtl. 1/2" Square Solid



Part #	W	H	Type of End and Texture
FS50G1FT	22"	6"	Fishtail (Smooth Bar)
FS50G2FT	24"	8"	Fishtail (Smooth Bar)

Style H

Mtl. 1/2" Square Solid



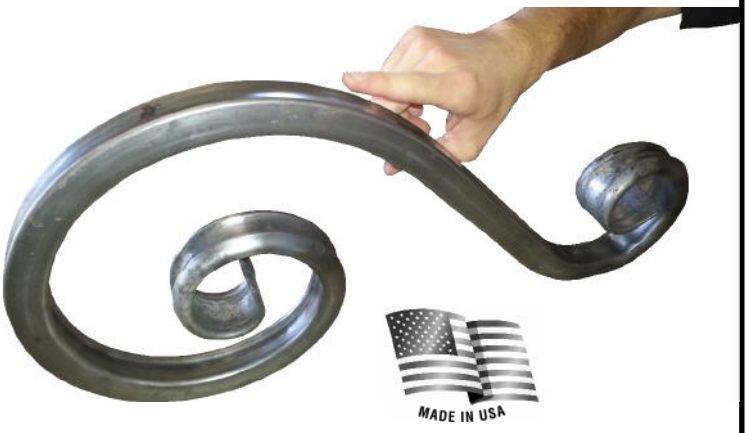
Part #	W	H	Type of End
FS50H1FT	9-1/2"	5"	Fishtail (Smooth Bar)



1" Sq. Tubing Scrolls
with Fishtail Ends 14 gauge

These decorative scrolls have a heavy look, but they won't weigh your gate down.





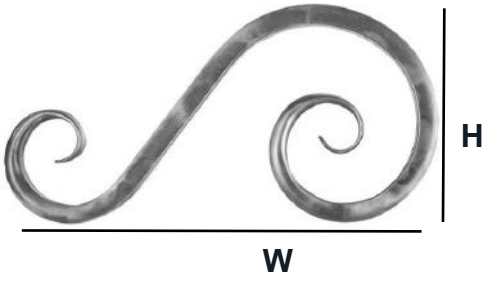
Style J *Mtl. 1" Square Tubing x 14 ga.*

Part #	W	H	Type of End
FS100J1FT	12-3/4"	5-3/4"	Fishtail (1" Tubing)



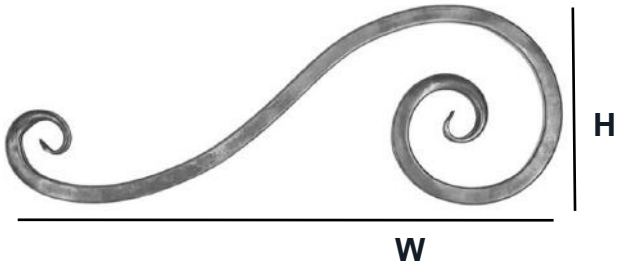
Style K *Mtl. 1" Square Tubing x 14 ga.*

Part #	W	H	Type of End
FS100K1FT	20-1/2"	9-3/4"	Fishtail (1" Tubing)



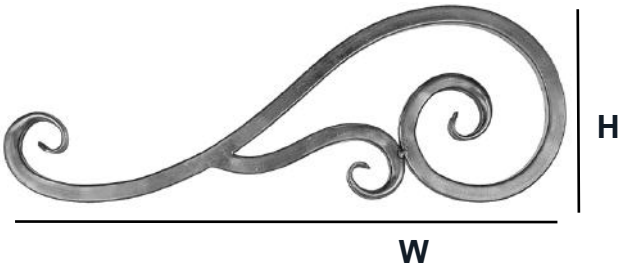
Style L *Mtl. 1" Square Tubing x 14 ga.*

Part #	W	H	Type of End
FS100L1FT	30-1/4"	10"	Fishtail (1" Tubing)



Style M *Mtl. 1" Square Tubing x 14 ga.*

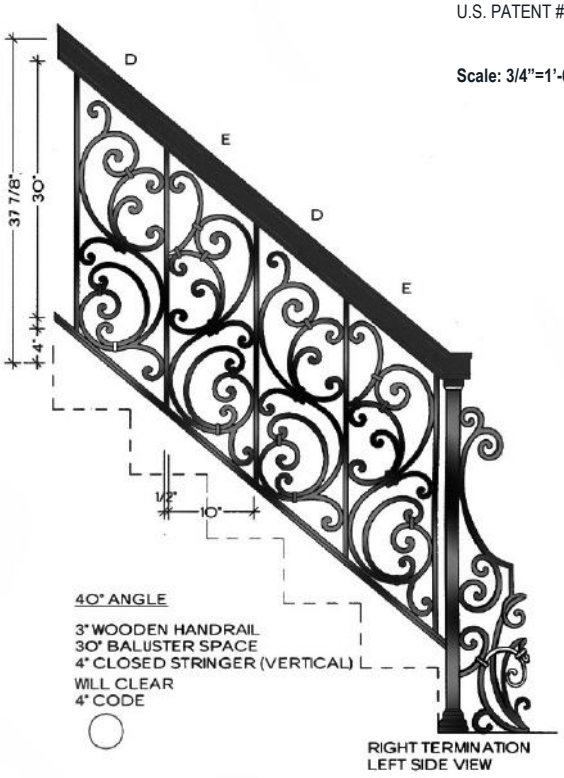
Part #	W	H	Type of End
FS100M1FT	30-1/4"	10"	Fishtail (1" Tubing)



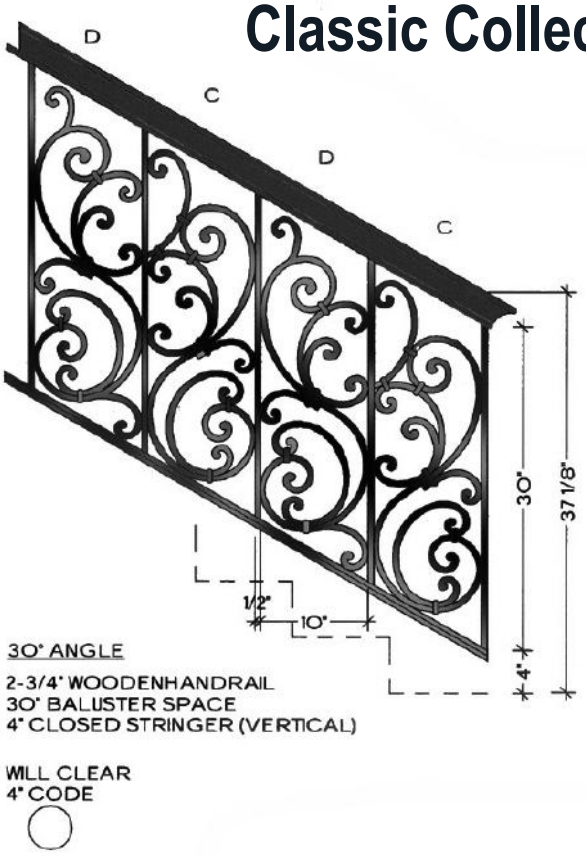
U.S. PATENT #5,820,111
U.S. PATENT #6,059,269

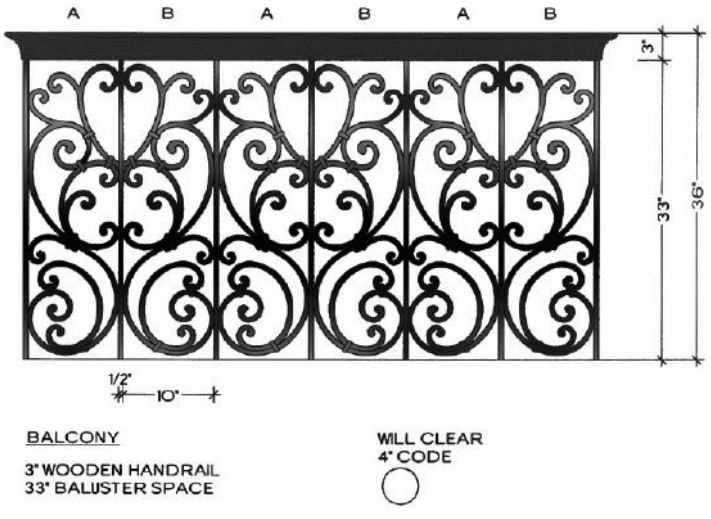


Scale: 3/4"=1'-0"



Tuscany - Balustrade System
Classic Collection - Sample Layouts





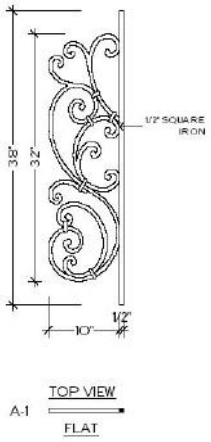
~ Tuscany Balustrade System ~
Classic Collection

Panels -Wt. 14 lbs. ea.
Terminations - Wt. 20 lbs. ea.

U.S. PATENT #5,820,111
U.S. PATENT #6,059,269

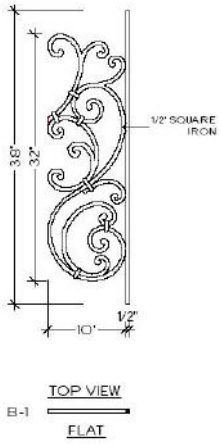
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PIECE A
FITS LEVEL BALCONY OR LANDING



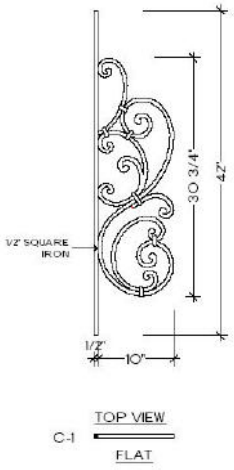
REGTU A1

PIECE B
FITS LEVEL BALCONY OR LANDING



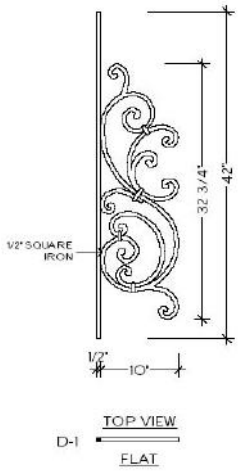
REGTU B1

PIECE C
FITS ANGLES 20° TO 36°



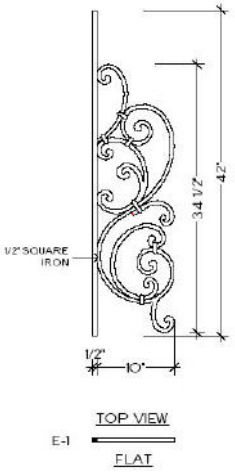
REGTU C1

PIECE D
FITS ANGLES 20° TO 48°



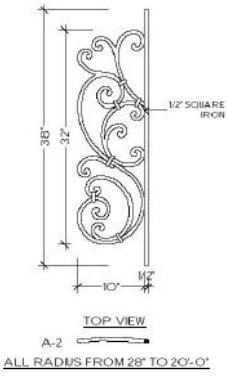
REGTU D1

PIECE E
FITS ANGLES 37° TO 48°

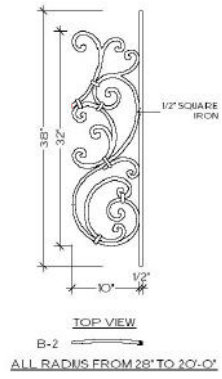


REGTU E1

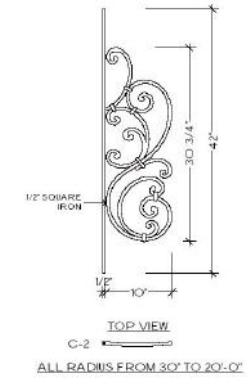




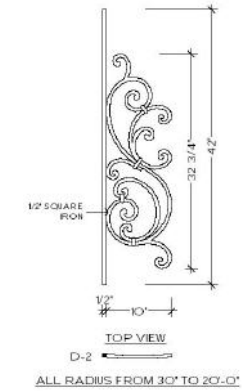
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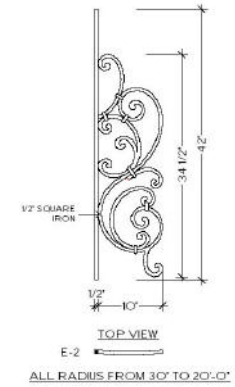
REGTU B2



REGTU C2



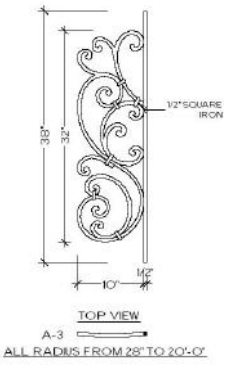
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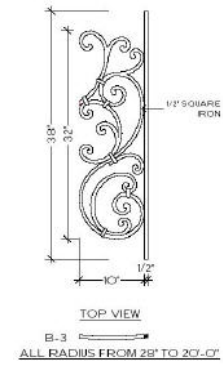
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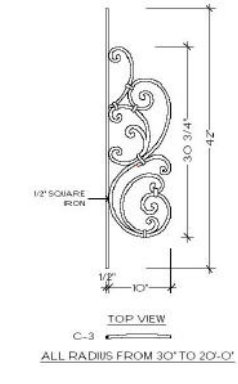
REGTU TERM LF



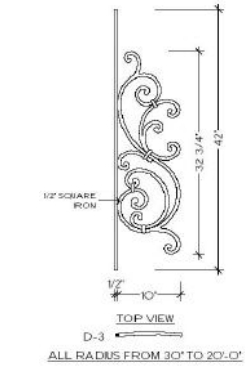
REGTU A3



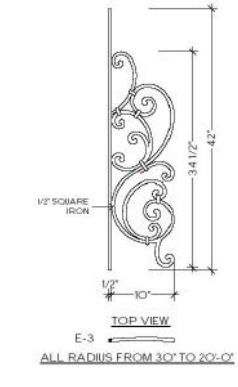
REGTU B3



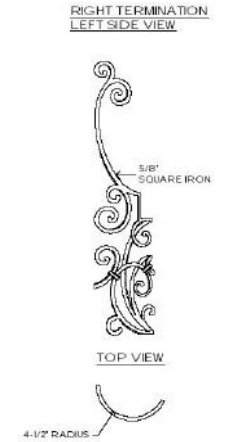
REGTU C3



REGTU D3



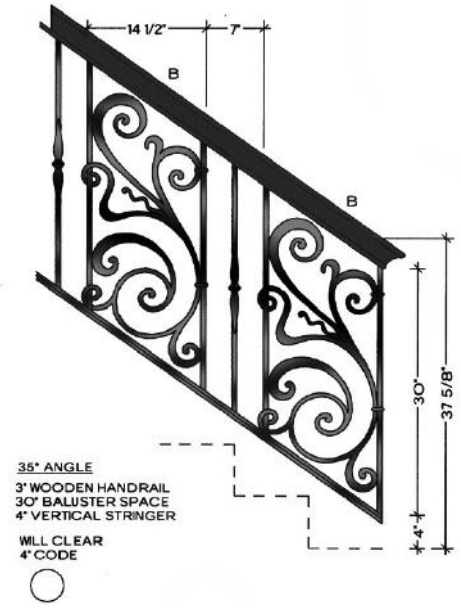
REGTU E3



REGTU TERM RT



Rebecca - Balustrade System
Classic Collection - Sample Layouts



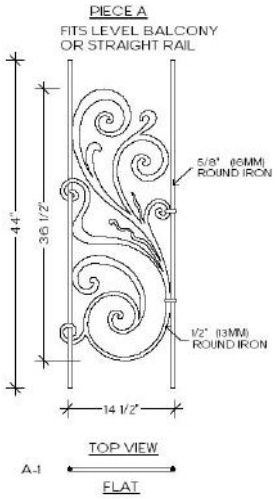


Panels -Wt. 14 lbs. ea.
Terminations - Wt. 20 lbs. ea.

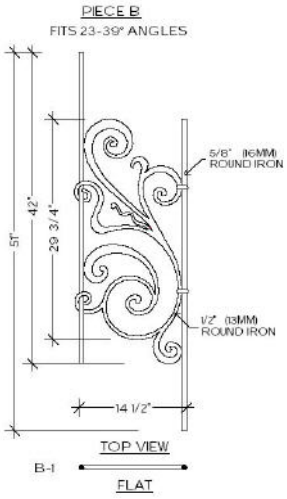
~ Rebecca Balustrade System ~
Classic Collection

U.S. PATENT #5,820,111
U.S. PATENT #6,059,269

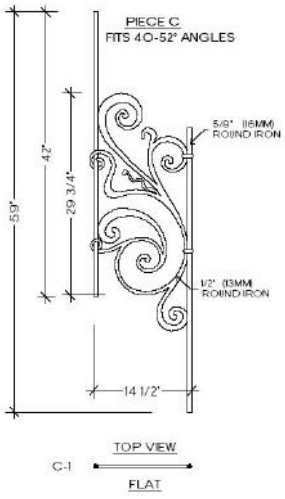
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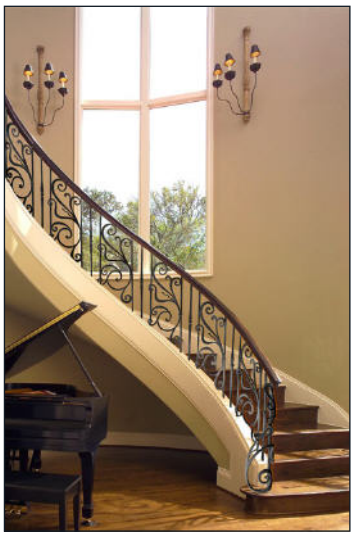
REGREB A1

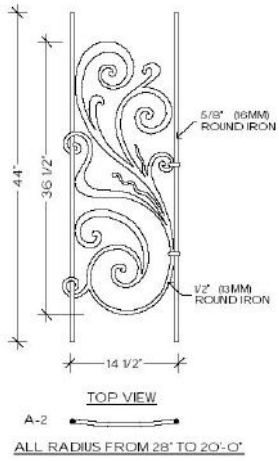


REGREB B1

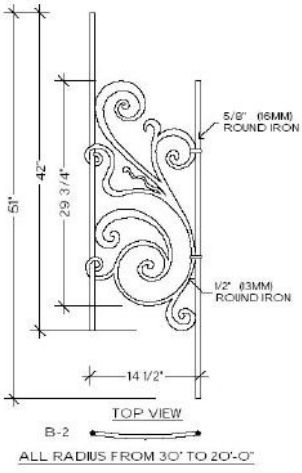


REGREB C1

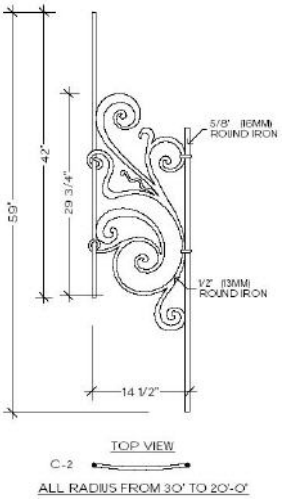




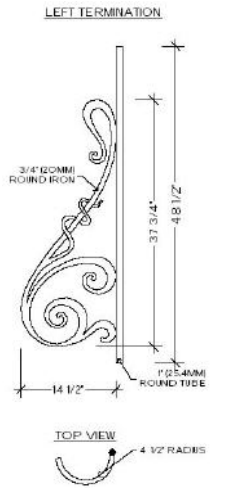
REGREB A2



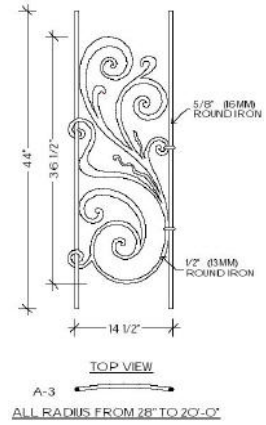
REGREB B2



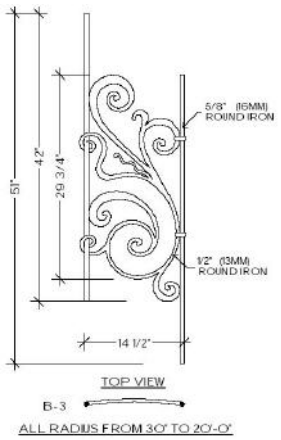
REGREB C2



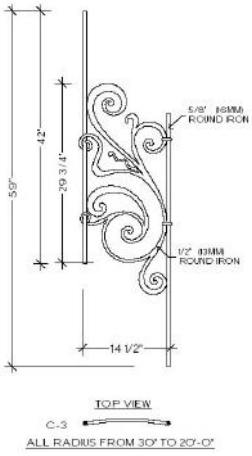
REGREB TERM LF



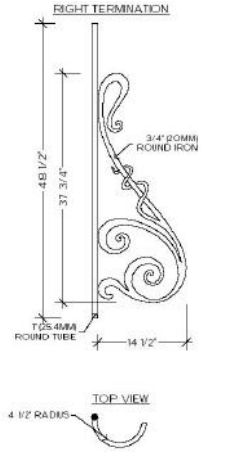
REGREB A3



REGREB B3



REGREB C3



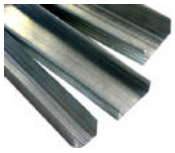
REGREB TERM RT

















Part #	Size and Description
STEEL SQUARE TUBING	
STA	1/2” x 1/2” x 16 ga. x 20 ft.
STB	5/8” x 5/8” x 16 ga. x 20 ft.
STC	3/4” x 3/4” x 16 ga. x 20 ft.
STD	1” x 1” x 16 ga. x 20 ft.
STE	1-1/4” x 1-1/4” x 16 ga. x 20 ft.
STF	1-1/2” x 1-1/2” x 16 ga. x 20 ft.
STG	2” x 2” x 16 ga. x 20 ft.
STH	2” x 2” x 11 ga. x 20 ft.
STEEL SQUARE SOLID TWIST	
SSAT 1/2	1/2” Sq. x 20 ft. Twisted Solid Bar ~ 16-1/2” = 1 Full Twist
SSAT 5/8	5/8” Sq. x 20 ft. Twisted Solid Bar ~ 16-3/4” = 1 Full Twist
SSAT 3/4	3/4” Sq. x 20 ft. Twisted Solid Bar ~ 16-1/4” = 1 Full Twist
SSAT 1	1” Sq. x 20 ft. Twisted Solid Bar ~ 16-1/2” = 1 Full Twist
ROUND STEEL STOCK	
SSK	1/2” Dia. Round Solid x 20 ft.
STEEL SQUARE SOLID	
SSA 1/2	1/2” x 1/2” Sq. Solid x 20 ft.
SSA 5/8	5/8” x 5/8” Sq. Solid x 20 ft.
SSA 3/4	3/4” x 3/4” Sq. Solid x 20 ft.
SSA 1	1” x 1” Sq. Solid x 20 ft.
STEEL CHANNEL	
SSC 1	1” x 1/2” x 1/8” Thick x 20 ft.
SSC 1-1/4	1-1/4” x 1/2” x 1/8” Thick x 20 ft.
SSC 1-1/2	1-1/2” x 1/2” x 1/8” Thick x 20 ft.
STEEL TUBE CAP 1-3/4” WIDE	
TUBECAP	1-3/4” W. x 1” H. x 14 ga. x 20 ft.
STEEL ANGLE BAR	
SSH	1-1/4” x 1-1/4” x 1/8” Thick x 20 ft.
FLAT BAR	
SSJ	1/4” x 1-1/2” x 20 ft

Steel Pressed Pointed Pickets



Front View | Side View

Made From Square 16 Ga. Steel Tubing

Call in your Size and Height, and we will quote you our current price.

PICKETS ONLY NO PANELS SOLD.

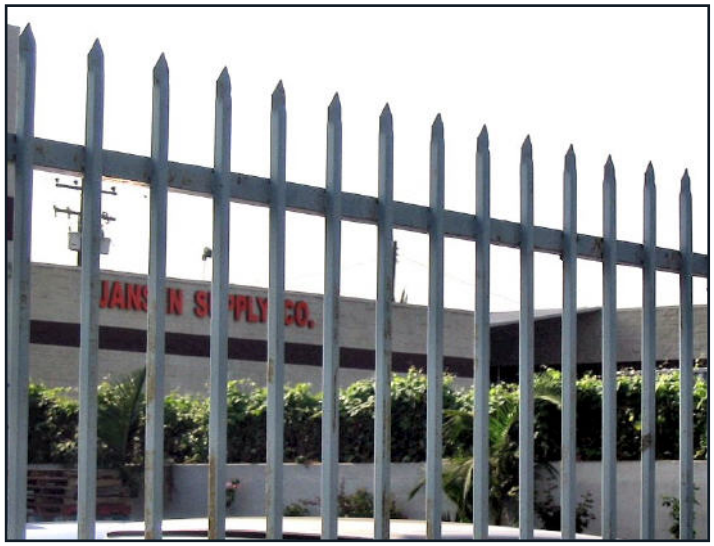
We do have a few sizes available in stock and they are:
5/8" Sq. x 48" H. x 16 ga.
5/8" Sq. x 72" H. x 16 ga.

All other sizes are SPECIAL ORDER!

Generally orders are completed in 3 to 4 days, but please allow up to two weeks for delivery in case of backlog.

Tube Sizes Available

1/2" Sq. x 16 Ga.
5/8" Sq. x 16 ga.
3/4" Sq. x 16 ga.
1" Sq. x 16 ga.





Pressed Curved Pointed Pickets



Side View

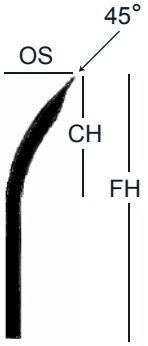
Made From Square 16 Ga. Steel Tubing

Call in your Size and Height, and we will quote you our current price. **PICKETS ONLY NO PANELS SOLD.**

Generally orders are completed in 3 to 4 days, but please allow up to two weeks for delivery in case of backlog.

Size	FH (Finished Height)	OS (Offset)	CH (Curve Height)
1/2"	?	6-3/8"	12-3/16"
5/8"	?	6-1/2"	11-1/2"
3/4"	?	7-1/8"	11"
1"	?	10"	13-1/2"

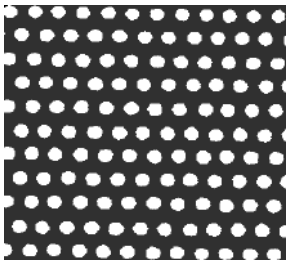
Generally orders are completed in 3 to 4 days, but please allow up to two weeks for delivery in case of backlog.



Tube Sizes Available

1/2" Sq. x 16 Ga.
5/8" Sq. x 16 ga.
3/4" Sq. x 16 ga.
1" Sq. x 16 ga.

Perforated Sheet Metal 24 Gauge
1/16” Small Hole - 1/8” Staggered Centers



SMALL HOLE

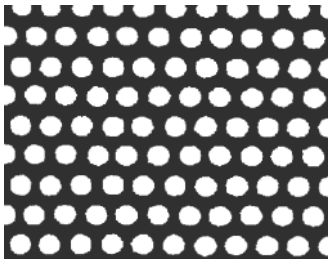
Sheet Size: 3 FT. X 7 FT.
Hole Size: 1/16”
Wt. 13.05 lbs.

PER3X7S

Sheet Size: 4 FT. X 7 FT.
Hole Size: 1/16”
Wt. 17.4 lbs.

PER4X7S

Perforated Sheet Metal 24 Gauge
3/32” Large Hole - 5/32” Staggered Centers



LARGE HOLE

Sheet Size: 3 FT. X 7 FT.
Hole Size: 3/32”
Wt. 14.07 lbs.

PER3X7B

Sheet Size: 4 FT. X 7 FT.
Hole Size: 3/32”
Wt. 18.76 lbs.

PER4X7B

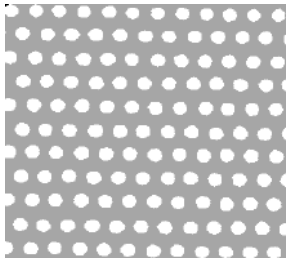






#451 Vertical Collar
Page 12-3

Galvanized Perforated Sheet Metal 24 Ga.
1/16” Small Hole - 1/8” Staggered Centers



SMALL HOLE

Sheet Size: 3 FT. X 7 FT.
Hole Size: 1/16”
Wt. 14 lbs.

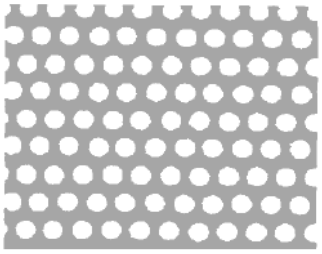
PER3X7SGAL

Sheet Size: 4 FT. X 7 FT.
Hole Size: 1/16”
Wt. 18 lbs.

PER4X7SGAL

GALVANIZED

Galvanized Perforated Sheet Metal 24 Ga.
3/32” Large Hole - 5/32” Staggered Centers



LARGE HOLE

Sheet Size: 3 FT. X 7 FT.
Hole Size: 3/32”
Wt. 15 lbs.

PER3X7BGAL

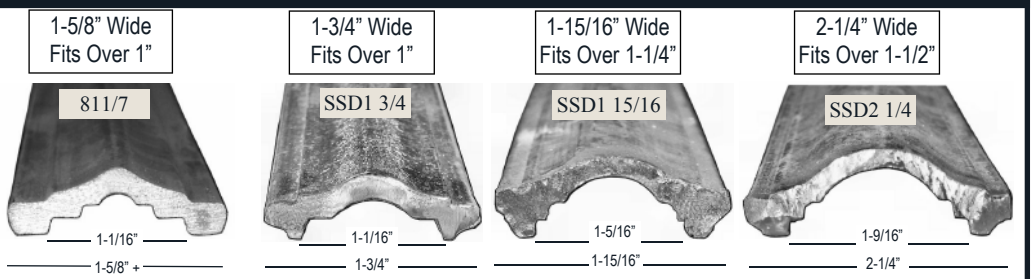
Sheet Size: 4 FT. X 7 FT.
Hole Size: 3/32”
Wt. 19 lbs.

PER4X7BGAL

Miscellaneous Steel & Brass Components



High quality steel cap rail.
Four sizes available in stock.



Steel Molded Cap Rail 20 Ft.

Part #	Size	Wt.	Description
IND811/7	1-5/8" Wide	25.40 lbs.	20 ft Molded Cap Rail. Fits over 1" wide material. ***~ Handrail Ends For IND811/7 Are On The Bottom Of Page 180 ~***
SSD1 3/4	1-3/4" Wide	30 lbs.	20 ft Molded Cap Rail. Fits over 1" wide material.
SSD1 15/16	1-15/16" Wide	45 lbs.	20 ft Molded Cap Rail. Fits over 1-1/4" wide material.
SSD2 1/4	2-1/4" Wide	43 lbs.	20 ft Molded Cap Rail. Fits over 1-1/2" wide material.



Volute

#201 Molded Cap Volute (Head Scroll)



Part #	Size	Wt.	Description
JS#2011 3/4	1-3/4" Wide	1.75 lbs.	Cast Iron Economy Type Volute
#2011 3/4	1-3/4" Wide	1.25 lbs.	Malleable Iron Volute
#2011 15/16	1-15/16" Wide	1.25 lbs.	Malleable Iron Volute
#2012 1/4	2-1/4" Wide	1.75 lbs.	Malleable Iron Volute



90° Lambs Tongue

#199S Molded Cap 90° Lambs Tongue



Part #	Size	Wt.	Description
JS#199S1 3/4	1-3/4" Wide	1 lb.	Cast Iron Economy Type 90° Lambs Tongue
#199S1 3/4	1-3/4" Wide	1.75 lbs.	Malleable Iron 90° Lambs Tongue
#199S1 15/16	1-15/16" Wide	2.5 lbs.	Malleable Iron 90° Lambs Tongue
#199S2 1/4	2-1/4" Wide	2.5 lbs.	Malleable Iron 90° Lambs Tongue

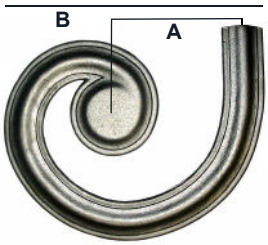


45° Lambs Tongue

#199R Molded Cap 45° Lambs Tongue



Part #	Size	Wt.	Description
JS#199R1 3/4	1-3/4" Wide	1 lb.	Cast Iron Economy Type 45° Lambs Tongue
#199R1 3/4	1-3/4" Wide	1 lb.	Malleable Iron 45° Lambs Tongue
#199R1 15/16	1-15/16" Wide	2.5 lbs.	Malleable Iron 45° Lambs Tongue
#199R2 1/4	2-1/4" Wide	1.75 lbs.	Malleable Iron 45° Lambs Tongue

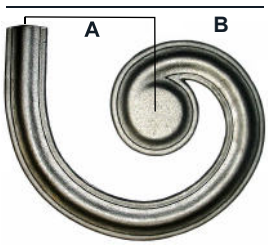


Left Lateral

#LLAT Molded Cap Left Lateral



Part #	End Width	A	B	Wt.	Description
JSLLAT1 3/4	1-3/4" Wide	4-5/8"	9-5/8"	3 lbs.	Cast Iron Economy Type Left Lateral for Cap Rail
LLAT1 3/4	1-3/4" Wide	5-5/8"	11-3/8"	3.75 lbs.	Malleable Iron Left Lateral for Cap rail
LLAT1 15/16	1-15/16" Wide	5-1/2"	11-1/2"	4.5 lbs.	Malleable Iron Left Lateral for Cap rail
LLAT2 1/4	2-1/4" Wide	6-1/8"	12-7/8"	6.5 lbs.	Malleable Iron Left Lateral for Cap rail



Right Lateral

#RLAT Molded Cap Right Lateral

Part #	End Width	A	B	Wt.	Description
JSRLAT1 3/4	1-3/4" Wide	4-5/8"	9-5/8"	3 lbs.	Cast Iron Economy Type Right Lateral for Cap Rail
RLAT1 3/4	1-3/4" Wide	5-5/8"	11-3/8"	3.75 lbs.	Malleable Iron Right Lateral for Cap rail
RLAT1 15/16	1-15/16" Wide	5-1/2"	11-1/2"	4.5 lbs.	Malleable Iron Right Lateral for Cap rail
RLAT2 1/4	2-1/4" Wide	6-1/8"	12-7/8"	6.5 lbs.	Malleable Iron Right Lateral for Cap rail



Left Insert Channel
(Channel Legs Up View)

#LIN Left Lateral Insert Channel

Part #	End Width	Wt.	Description
JSLIN1 3/4	1" Wide	2.5 lbs.	Cast Iron Economy Type Left Insert Channel
LIN1 3/4	1" Wide	2 lbs.	Malleable Iron Left Insert Channel
LIN1 15/16	1-1/4" Wide	2.25 lbs.	Malleable Iron Left Insert Channel
LIN2 1/4	1-1/2" Wide	2.75 lbs.	Malleable Iron Left Insert Channel



Right Insert Channel
(Channel Legs Up View)

#RIN Right Lateral Insert Channel

Part #	End Width	Wt.	Description
JSRIN1 3/4	1" Wide	2.5 lbs.	Cast Iron Economy Type Right Insert Channel
RIN1 3/4	1" Wide	2 lbs.	Malleable Iron Right Insert Channel
RIN1 15/16	1-1/4" Wide	2.25 lbs.	Malleable Iron Right Insert Channel
RIN2 1/4	1-1/2" Wide	2.75 lbs.	Malleable Iron Right Insert Channel



90° Corner Bend

#199C Molded Cap 90° Corner Bend

Part #	End Width	IR	Wt.	Description
#199C1 3/4	1-3/4" Wide	5-1/8"	1.25 lbs.	Malleable Iron 90° Corner Bend for Cap Rail
#199C1 15/16	1-15/16" Wide	5"	1.5 lbs.	Malleable Iron 90° Corner Bend for Cap Rail
#199C2 1/4	2-1/4" Wide	4-7/8"	1.5 lbs.	Malleable Iron 90° Corner Bend for Cap Rail

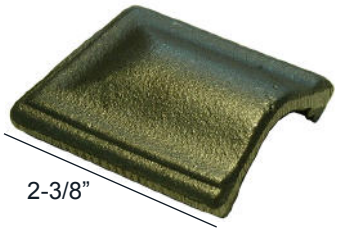


Fits Underneath the 90° Corner Bends See Above.

90° Corner Bend Channel

#199CC 90° Corner Bend Channel Insert

Part #	End Width	Wt.	Description
#199CC1 3/4	1" Wide	0.50 lb.	Malleable Iron 90° Corner Bend Insert
#199CC1 15/16	1-1/4" Wide	0.75 lb.	Malleable Iron 90° Corner Bend Insert
#199CC2 1/4	1-1/2" Wide	0.75 lb.	Malleable Iron 90° Corner Bend Insert



Square End Piece

Square Ends for Molded Cap Rail

Part #	End Width	Wt.	Description
SQEP1 3/4	1-3/4" Wide	0.35 lb.	1-3/4" W. x 2-3/8" L. Malleable Iron Square End
SQEP1 15/16	1-15/16" Wide	0.40 lb.	1-15/16" W. x 2-3/8" L. Malleable Iron Square End
SQEP2 1/4	2-1/4" Wide	0.45 lb.	2-1/4" W. x 2-3/8" L. Malleable Iron Square End

Miscellaneous Steel & Brass Components

Bronze Cap Rail *Unpolished* (Mill Finish)



1-15/16" wide fits over 1-1/4"
2-1/4" wide fits over 1-1/2"

10 Ft or
20 Ft Lengths

Part #	Width	Length	Wt.	Description
BRSSD1 15/16-10	1-15/16"	10 Ft	25.2 lbs.	Unpolished Bronze Cap Rail 1-15/16" x 10 ft.
BRSSD1 15/16-20	1-15/16"	20 Ft	50.4 lbs.	Unpolished Bronze Cap Rail 1-15/16" x 20 ft.
BRSSD2 1/4-10	2-1/4"	10 Ft	29.1 lbs.	Unpolished Bronze Cap Rail 2-1/4" x 10 ft.
BRSSD2-1/4-20	2-1/4"	20 Ft	58.2 lbs.	Unpolished Bronze Cap Rail 2-1/4" x 20 ft.

Available in two lengths and two sizes.
1-15/16" Wide & 2-1/4" Wide

For polishing tips & how to work with bronze cap rail check out this website below.
www.artmetal.com/files/imported/project/NOMMA/CAPRAIL.HTM



Bronze Volute
1-15/16" & 2-1/4" Wide Cap Rail



Bronze Volute

Part #	W.	L.	Wt.
BR2011 15/16	1-15/16"	5-1/8"	2.25 lbs.
BR2012 1/4	2-1/4"	5-1/8"	2.25 lbs.

Bronze 90° Lambs Tongue
1-15/16" & 2-1/4" Wide



90° Bronze
Lambs Tongue

Part #	W.	L.	Wt.
BR199S1 15/16	1-15/16"	5-3/8"	2.5 lbs.
BR199S2 1/4	2-1/4"	5-1/4"	3 lbs.

Bronze 45° Lambs Tongue
1-15/16" & 2-1/4"



45° Bronze
Lambs Tongue

Part #	W.	L.	Wt.
BR199R1 15/16	1-15/16"	5-7/8"	2 lbs.
BR199R2 1/4	2-1/4"	5-3/8"	2 lbs.

Polished Bronze 90° Corner Bend Fits 1-15/16" & 2-1/4"



90° Bronze
Corner Bend

Part #	W.	IR.	Wt.
BR199C1 15/16	1-15/16"	5"	1.75 lbs.
BR199C2 1/4	2-1/4"	4-7/8"	2 lbs.

Malleable Iron 90° Corner Bend Channel Insert Fits
1-15/16" & 2-1/4"



90° Malleable Iron Corner
Bend Channel Insert
Fits Bronze Corner Bend

Part #	W.	Wt.
#199CC1 15/16	1-1/4"	0.75 lb.
#199CC2 1/4	1-1/2"	0.75 lb.

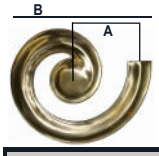
Bronze Square End
Fits 1-15/16" & 2-1/4"



Bronze
Square End

Part #	W.	L.	Wt.
BRSQEP1 15/16	1-15/16"	2-7/8"	0.75 lb.
BRSQEP2 1/4	2-1/4"	3-3/4"	1 lb.

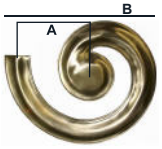
Bronze Left Lateral
for Molded Cap Rail



Bronze Left
Lateral For
1-15/16" & 2-1/4"

Part #	A	B	Wt.
BRLLAT1 15/16	5-3/4"	11-1/2"	5.5 lbs.
BRLLAT2 1/4	6"	13"	7 lbs.

Bronze Right Lateral
for Molded Cap Rail



Bronze Right
Lateral For
1-15/16" & 2-1/4"

Part #	A	B	Wt.
BRRLAT1 15/16	5-3/4"	11-1/2"	5.5 lbs.
BRRLAT2 1/4	6"	13"	7 lbs.

Malleable Iron Lateral Insert for Bronze Left 1-15/16" W. Lateral



Mallable Iron
Left Lateral
Channel Insert
For 1-15/16" W.
Bronze Lateral

Channel

Part #	End With	Wt.
LIN1 15/16	1-1/4"	2.25 lbs.

Malleable Iron Lateral Insert for Bronze Right 1-15/16" W. Lateral



Mallable Iron
Right Lateral
Channel Insert
For 1-15/16" W.
Bronze Lateral

Channel

Part #	End With	Wt.
RIN1 15/16	1-1/4"	2.25 lbs.

Malleable Iron Right or Left Lateral Insert for Bronze 2-1/4" Wide Lateral



Mallable Iron
Right or Left
Lateral Insert
For 2-1/4" W.
Bronze Lateral

Solid 1/2" x 1-1/2"

Part #	End With	Wt.
BRFBIN2 1/4	1-1/2"	7.5 lbs.

Polished Brass Ball With Threaded Base



3-1/8" W. x 5-1/8" H.
Base: 1-9/16"
Threaded Hole:
15/32" / 12 mm
Wt. 1.5 lbs.

160/43

Polished Brass Ball With Threaded Base



3-3/4" W. x 3-5/8" H.
Base: 1-9/16"
Threaded Hole:
15/32" / 12 mm
Wt. 1.3 lbs.

160/44

Polished Brass Finial With Threaded Base



2-3/16" W. x 3-1/16" H.
Base: 1-9/16"
Threaded Hole:
15/32" / 12 mm
Wt. 0.70 lb.

160/46

Polished Brass Finial With Threaded Base



2-5/16" W. x 4-5/8" H.
Base: 1-9/16"
Threaded Hole:
15/32" / 12 mm
Wt. 1 lb.

160/45

Polished Brass Round Bushing



2-3/4" W. x 2-1/2" H.
Round Hole: 1-9/16"
Wt. 0.70 lb.

160/B/6

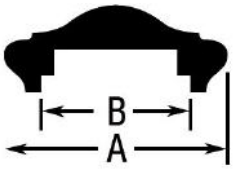
Polished Brass Round Bushing



1-1/2" W. x 2-3/8" H.
Round Hole: 5/8"
Wt. 0.50 lb.

160/B/7





Polished 2” W. Brass Cap Rail With Components

Polished 1-5/8” W. Brass Cap Rail (cap bar only, no components)
Polished 2-1/4” W. Brass Cap Rail (cap bar only, no components)

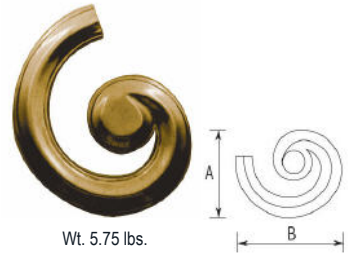
Part #	A	B	Length	Wt.	Description	Components Available
LAVH1300-16	1-5/8”	1-1/16”	16 ft	29.12 lbs.	Polished 1-5/8” Wide Cap Rail	No
LAVH1600-16	2”	1-5/16”	16 ft	36.48 lbs.	Polished 2” Wide Cap Rail	Yes
LAVH1600-20	2”	1-5/16”	20 ft	45.60 lbs.	Polished 2” Wide Cap Rail	Yes
LAVH1800-16	2-1/4”	1-9/16”	16 ft	58.20 lbs.	Polished 2-1/4” Wide Cap Rail	No

Polished Brass Left Lateral For 2” Wide Cap Rail



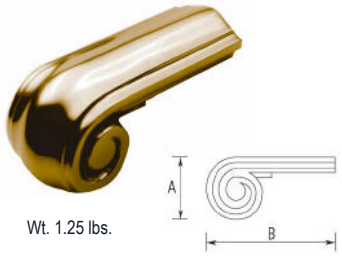
Part #	A	B
LAVH1600SL	9”	11-1/8”

Polished Brass Right Lateral For 2” Wide Cap Rail



Part #	A	B
LAVH1600SR	9”	11-1/8”

Polished Brass Scroll End For 2” Wide Cap Rail



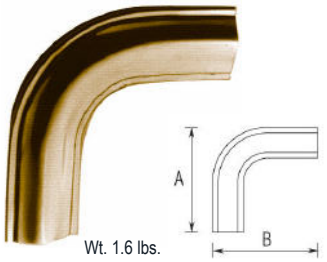
Part #	A	B
LAVH1600SE	2-1/2”	5-1/4”

Polished Brass Tongue End For 2” Wide Cap Rail



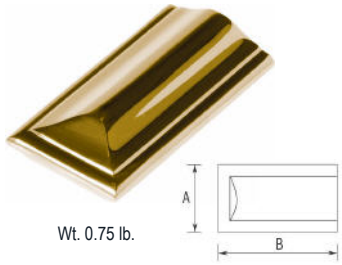
Part #	A	B
LAVH1600LT	4-1/2”	5-1/4”

Polished Brass Corner Bend For 2” Wide Cap Rail



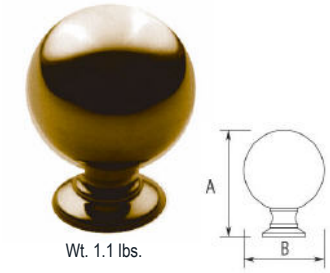
Part #	A	B
LAVH1600CB	5-3/4”	5-3/4”

Polished Brass Square End For 2” Wide Cap Rail



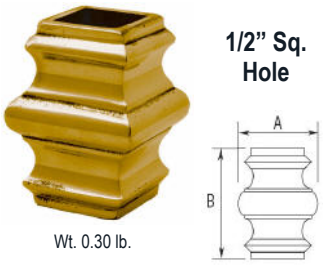
Part #	A	B
LAVH1600E	2”	3-5/8”

Polished Brass Ball Finial

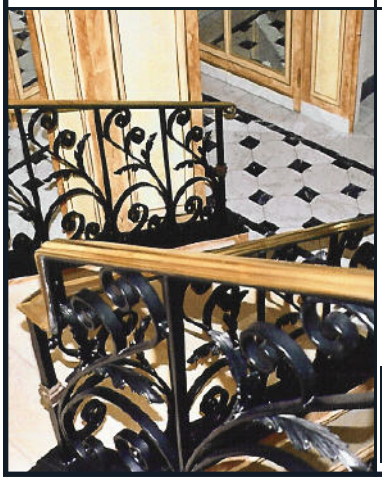


Part #	A	B
LAVH1600BF	3-1/4”	3”

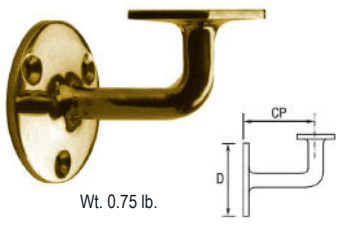
Polished Brass Collar



Part #	A	B
LAVH1600PC	1-1/2”	2”

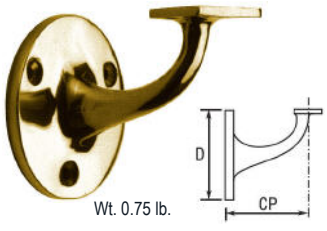


Polished Brass Flat Rail Bracket



Part #	CP	D
LAVH310	2-1/2”	2-1/4”

Polished Brass Deluxe Flat Rail Bracket



Part #	CP	D
LAVH311	3”	3-1/4”



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10 & 20 Year Warranty

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* Adjusts to the most aggressive landscape.
* Stronger rail strength & true 5/8" square picket.

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Miscellaneous Steel & Brass Components





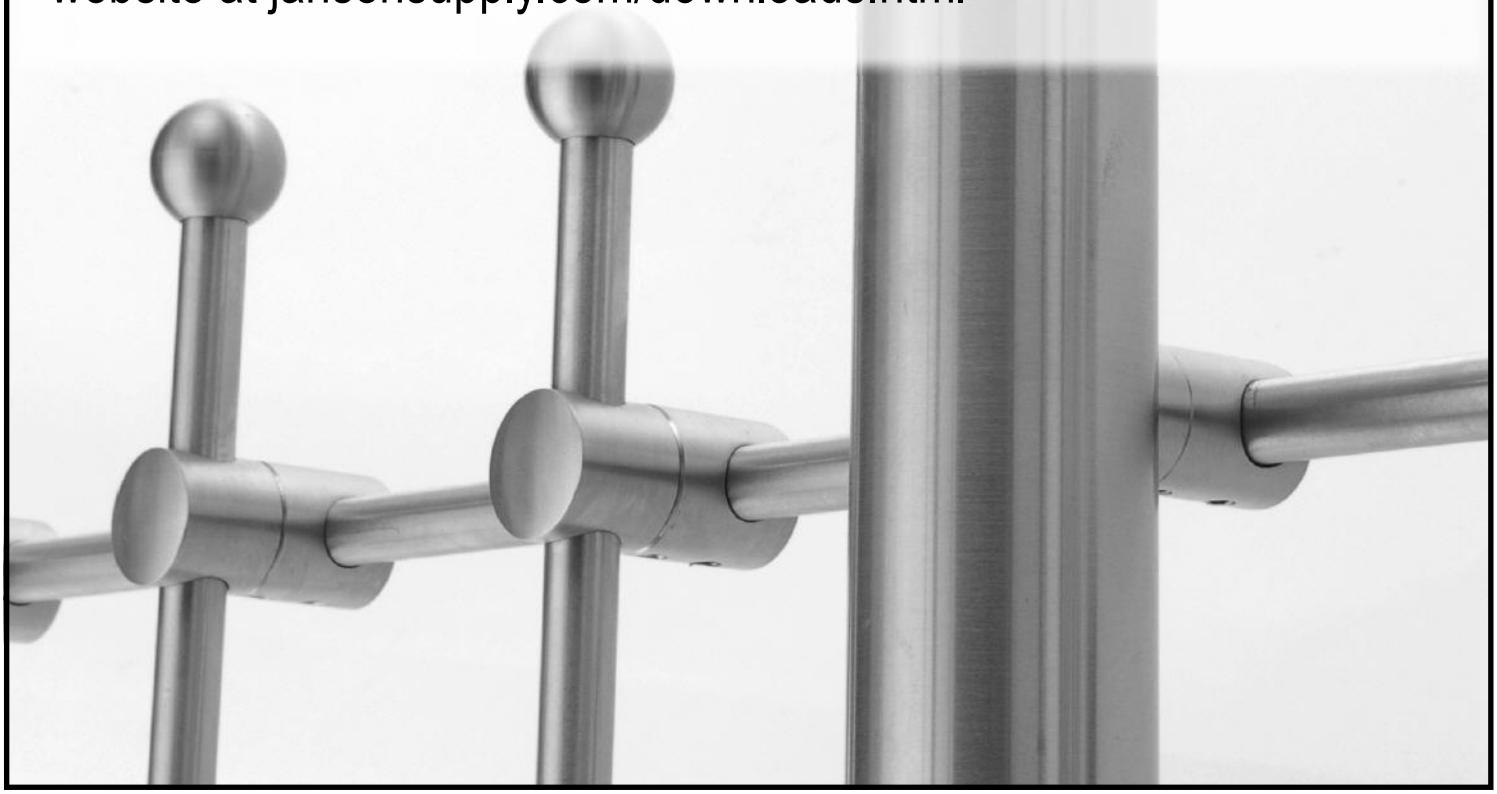


INOX Stainless Steel Railing System

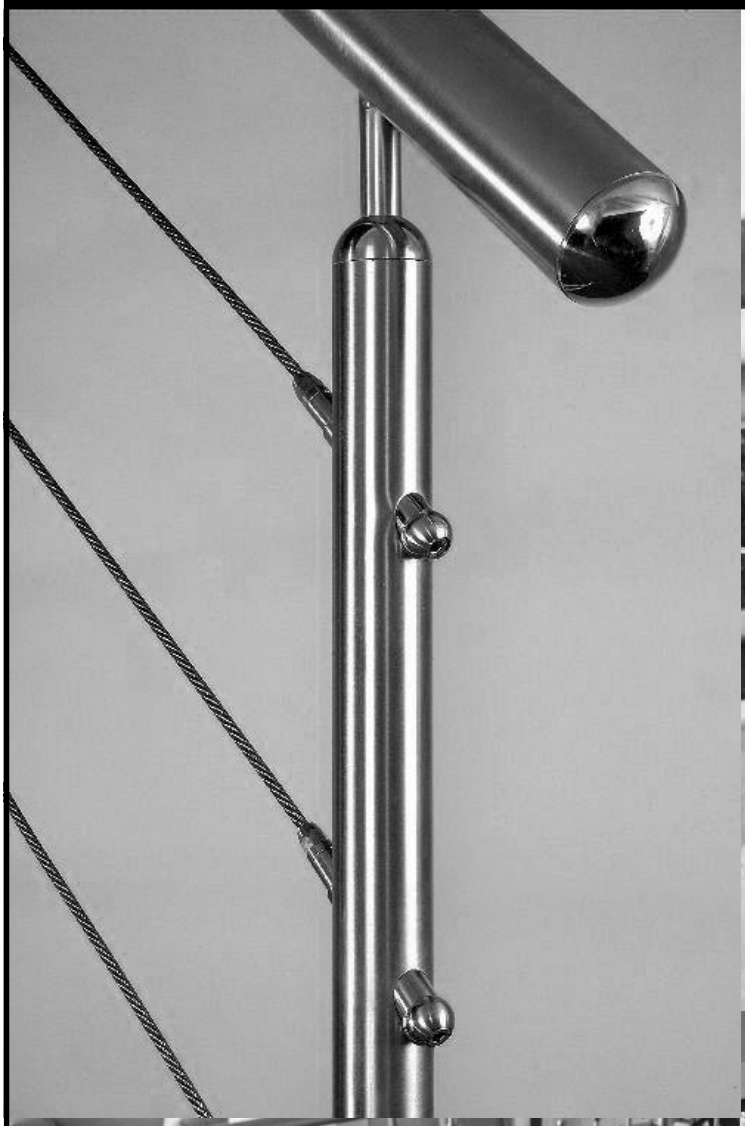
SYSTEMA INOX®

Handrail Accessories, Post Caps
Tubing, Elbows, Connectors,
Posts / Flanges / Anchorages,
Solid Round Bar Stock,
Wood Handrail / Hardware,
Cable Rope & Connectors,
Glass Profile Systems / Fittings

Please inquire with one of our sale staff for information regarding the INOX Stainless Steel Railing System. We offer a separate catalog that includes all components, dimensions and video demos on our website at jansensupply.com/downloads.html



Miscellaneous Steel & Brass Components 15-17







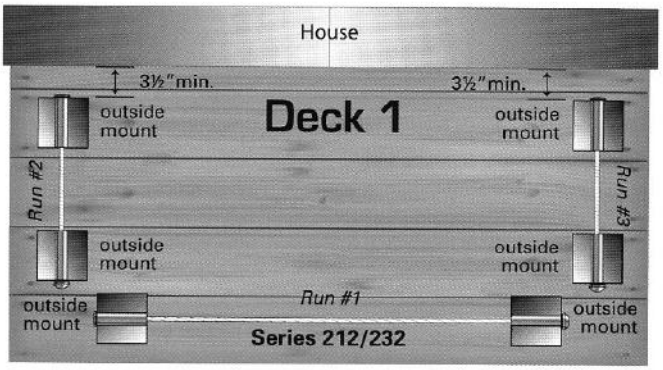


AISI 316 Stainless Steel Cable Kits 1/8" and 3/16" Dia.

Outside-of-Post to Outside-of-Post Mount — Metal Posts

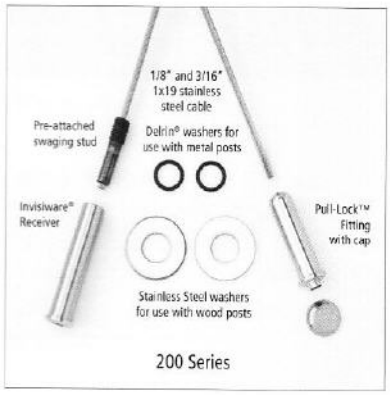
Straight Cable Runs

Deck 1 has dedicated end posts for each run, and the posts are situated such that the back side of the posts are all accessible, meaning you can use an *outside-of-post to outside-of-post* configuration for all runs. This is both the most economical solution and where the fittings are least visible.



For 1½" posts, applicable kit is the 212 Series.
For 2" posts, applicable kit is the 232 Series.

The tensioning device is a 1½" (or 2") long Invisiware Receiver, which installs through the metal post on one end. A Pull-Lock fitting is installed through the other end.

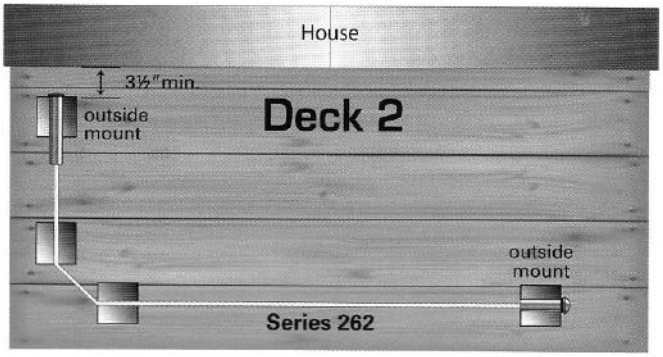


Series 212 and 232 Kits

Cable Length	1/8" cable		3/16" cable	
	1½" metal post	2" metal post	1½" metal post	2" metal post
5′	Part Numbers Coming Soon. Call Our Sales Staff For More Information.			
10′				
15′				
20′				
25′				

Cable Runs through One Corner

When taking cable railing through a corner, do not bend the cable past 45° at any one time. If turning 90°, a 2-step turn using a double corner post configuration is required, as in Deck 2.



Applicable kit is the 262 Series.

The tensioning device is a 3½" long Invisiware® Receiver, which installs through the metal post on one end. A Pull-Lock fitting is installed through the other end.

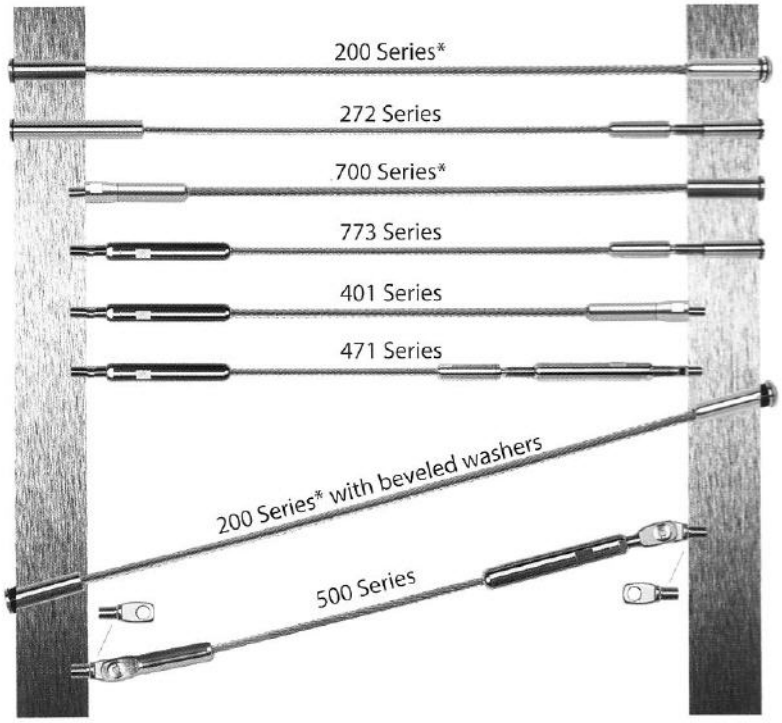


Series 262 Kits

Cable Length	1/8" cable	3/16" cable
5′	Part Numbers Coming Soon. Call Our Sales Staff For More Information.	
10′		
15′		
20′		
25′		
30′		
40′		
50′		

AISI 316 Stainless Steel Cable Kits 1/8" and 3/16" Dia.

Kit Assemblies at a Glance for Metal Posts



For level runs:

200 Series* (outside to outside)
Invisiware Receiver to Pull-Lock.

272 Series (outside to outside)
3½" Invisiware Receiver to
1½" Receiver with Push-Lock Stud.

700 Series* (inside to outside)
Invisiware Receiver to Push-Lock with Threaded Bolt.

773 Series (inside to outside)
Adjust-a-Body with Threaded Bolt to
1½" Receiver with Push-Lock Stud.

401 Series (inside to inside)
Adjust-a-Body with Threaded Bolt to
Push-Lock with Threaded Bolt.

471 Series (inside to inside)
Adjust-a-Body with Threaded Bolt
to Push-Lock Turnbuckle with Threaded Bolt.

For stairs, pitched runs:

200 Series* (outside to outside)
Invisiware Receiver to Pull-Lock with beveled washers.

500 Series (inside to inside)
Push-Lock with Threaded Eye to
Adjust-a-Body with Threaded Eye.
Threaded tabs on both ends.

* 212 and 702 series are for use with 1½" metal posts;
232 and 703 are for use with 2" metal posts.

Recommendations for metal railings:

Outside attachments can only be used if your end posts are not obstructed on the back side: Series 200 or 272; Series 700 or 773 if only one end is obstructed.

If you are unable to access the back side of your end posts, then you will need to use a series with an inside attachment: Series 400, 471 or 500 if both ends are obstructed; Series 700 or 773 if only one end is obstructed.

If you are installing a railing with a pitch, you will need a series that can be run on an angle: Series 200 or 500.

Corners require two posts because the cable itself, being rigid, will not cooperate in bending cleanly through a single post.

SECTION 16
Gate Operators













CHAMBERLAIN LiftMaster

High-Traffic Commercial DC Sliding Gate Operator with Battery Back-Up. ELITE Series

LiftMaster® Elite® Series Model CSL24V is engineered for a million cycles in high-cycle heavy-duty applications and is rated for gates up to 50 feet or 1500 lbs.



Operator Wt. 140 lbs.

Optional Solar Kit Available:

LM33AH24VSLRPKG - Comes with 2 - 20 Watt panels, 2 - 33Ah batteries & harness.

LMA12330SGLPK - Replacement Battery 33 Ah with harness for solar kit.

BATTERY	CYCLES
2 - 7Ah	100
2 - 33Ah	380

16 ft / 1000 lbs. Slide Gate

CSL24V HIGH TRAFFIC COMMERCIAL

110V Power / 24VDC 500mA Output
50 ft Gate - 1500 lbs. - Continuous Duty
Battery Back-up - 100 Cycles on 2- 7Ah
5 yr. Com. - 7 yr. Res. Warranty
Chain #41 - 30 ft.
25" H. X 14.82" W. X 23" D.

Battery Backup
* Uninterrupted access when the power is out.

Security+ 2.0™ Technology
* 2X the range of standard remotes.

MyQ™ Technology Provides
* Wireless dual gate communication.
* The ability to remotely monitor and activate your gate from anywhere in the world via internet or smart phone.

MYQ™ Enabled Accessories

LiftMaster Internet Gateway
Model 828LM



LiftMaster's revolutionary new accessory features built-in MyQ™ technoloy that connects to the internet and allows you to monitor and operate your gate operator from anywhere in world via your internet-enabled computer or smart phone.

Garage and Gate Monitor
Model 829LM



Lets you check and close the gate operator from any room in your house.

Remote Light Control
Model 825LM



Control your house lights and operate any lamp with your remote control or from your Internet-enabled smart phone via your LiftMaster Internate Gateway™.

CHAMBERLAIN LiftMaster

High-Traffic Commercial DC Swing Gate Operator with Battery Back-Up. ELITE Series

LiftMaster® Elite® Series Model CSW24V is engineered for a million cycles in high-cycle heavy-duty applications and is rated for gates up to 18 feet or 1200 lbs.



Operator Wt. 206 lbs.

Optional Solar Kit Available:

LM33AH24VSLRPKG - Comes with 2 - 20 Watt panels, 2 - 33Ah batteries & harness.

LMA12330SGLPK - Replacement Battery 33 Ah with harness for solar kit.

BATTERY	CYCLES
2 - 7Ah	100
2 - 33Ah	380

12 ft / 800 lbs. Swing Gate

CSW24V HIGH TRAFFIC COMMERCIAL

HIGH TRAFFIC COMMERCIAL
110V Power / 24VDC 500mA Output
18 ft Gate - 600 lbs. Continuous Duty
Battery Back-up - 100 Cycles on 2- 7Ah
5 yr. Com. - 7 yr. Res. Warranty
27.69" x 14.82" W. x 20" D.

Battery Backup
* Uninterrupted access when the power is out.

Security+ 2.0™ Technology
* 2X the range of standard remotes.

MyQ™ Technology Provides
* Wireless dual gate communication.
* The ability to remotely monitor and activate your gate from anywhere in the world via internet or smart phone.

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Garage and Gate Monitor
Model 829LM



Lets you check and close the gate operator from any room in your house.

Remote Light Control
Model 825LM

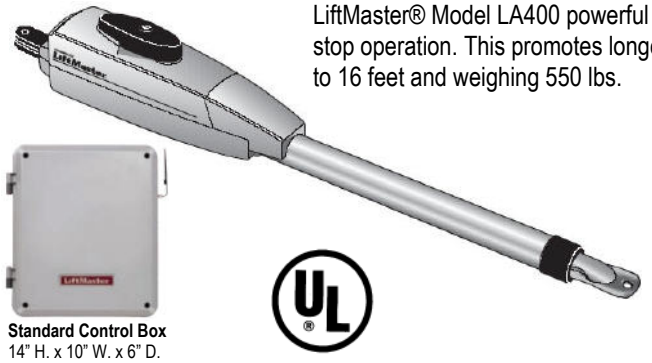


Control your house lights and operate any lamp with your remote control or from your Internet-enabled smart phone via your LiftMaster Internate Gateway™.

Gate Operators

Residential / Light Commercial DC Swing Gate Operator with Battery Back-Up.

LiftMaster® Model LA400 powerful 24VDC motor provides exceptional starting torque and features soft start / soft stop operation. This promotes longer gate and operator life, as well as dependable performance. Rated for gates up to 16 feet and weighing 550 lbs.



Standard Control Box
14" H. x 10" W. x 6" D.

LA400 Residential / Light Commercial

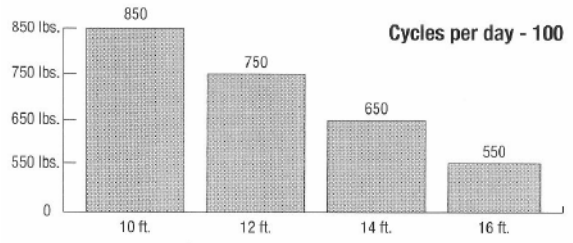
24VDC 500mA Output
100 Cycles Per Day
8 ft. Gate - 850 lbs. / 12 ft. Gate - 750 lbs.
14 ft. Gate - 650 lbs. / 16 ft. Gate - 550 lbs.
Battery Back-up - 180 Cycles (base on 10 ft / 850 lb. gate)
2 Year Warranty
5.5" H. x 37.5" L. x 3.75" W.

Models Available

LMLA4001PKG - LA400 Arm & Standard Control Box - 50 lbs.

LMLA400-S - Secondary Arm kit for the LA4001PKG - 25 lbs.

Replacement Battery: VIKBAT - 7Ah 12V Battery
Transformer: LMK74-30763 Transformer 12v
Out Swing Bracket: LM50-19503 Bracket kit for a OPEN-IN application.

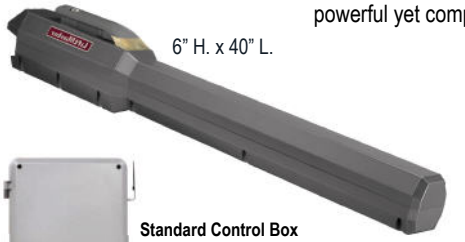


Battery Backup operation 180 cycles
(10ft/850 lb. swing gate)

On-Board Radio Receiver ~ DC Operator System
Battery-Run System ~ Slow Start /Stop
Timer To Close ~ LED Indicators
Electronic Limit System ~ Keyed Manual Disconnect

Residential / Light Commercial DC Swing Gate Operator with Battery Back-Up. ELITE Series

LiftMaster® Elite® Series Model LA500 Operators are built to perform in the most demanding applications. The sturdy design is powerful yet compact enough to fit where pad mount operators do not. Rated for gates up to 18 feet or 1200 lbs.



6" H. x 40" L.

Standard Control Box
16" H. X 13" W.
Extra Large Control Box
20" H. X 16" W.
Standard Box Shown

LA500 Residential / Light Commercial

110V Power / 24VDC 500mA Output
300 Cycles Per Day
8 ft. Gate - 1600 lbs. / 12 ft. Gate - 1200 lbs.
16 ft. Gate - 800 lbs. / 18 ft. Gate - 600 lbs.
Battery Back-up - 500 Cycles on 2 - 7Ah
5 yr. Com. - 7 yr. Res. Warranty

Models Available

LMLA5001PKG - LA500 Arm & Standard Control Box 45 lbs.

LMLA500-S - Secondary Arm kit for the LA5001PKG or LA5001PKGXLM - 25 lbs.

LMLA5001PKGXLM - LA500 Arm & Extra Large Control Box - 56 lbs.

LMLA500SLRPKG - Solar Package kit for LMLA5001PKGXLM only. Package includes: 2 - 20W solar panels, 2 - 33Ah batteries & harness. - 50 lbs.

Replacement Battery: LMA12330SGLPK - 33Ah 12V Battery with Harness for solar kit.

BATTERY	CYCLES
2 - 7Ah	500
2 - 33Ah	1800

12 ft / 800 lbs. Swing Gate

Battery Backup
* Uninterrupted access when the power is out.

Security+ 2.0™ Technology
* 2X the range of standard remotes.

MyQ™ Technology Provides
* Wireless dual gate communication.
* The ability to remotely monitor and activate your gate from anywhere in the world via internet or smart phone.

MYQ™ Enabled Accessories

LiftMaster Internet Gateway
Model 828LM



LiftMaster's revolutionary new accessory features built-in MyQ™ technoloy that connects to the internet and allows you to monitor and operate your gate operator from anywhere in world via your internet-enabled computer or smart phone.

Garage and Gate Monitor
Model 829LM



Lets you check and close the gate operator from any room in your house.

Remote Light Control
Model 825LM



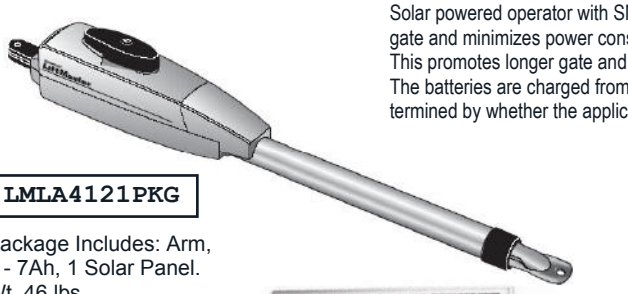
Control your house lights and operate any lamp with your remote control or from your Internet-enabled smart phone via your LiftMaster Internate Gateway™.

CHAMBERLAIN LiftMaster

Solar Powered Residential Gate Operator

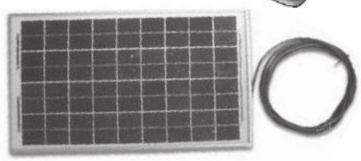
CLASS I Vehicular Gate Operator

Solar powered operator with SMART technology utilizes innovative technology to deliver power when needed most for opening your gate and minimizes power consumption at all other times for best solar performance DC motor provides soft start/soft stop operation. This promotes longer gate and operator life, as well as dependable performance. Power is provided to the gate operator via batteries. The batteries are charged from a solar panel(s) connected to the operator control board. The number of solar panels required is determined by whether the application is for a single or dual gate, daily cycle rate, number of accessories and region of the country.



LMLA4121PKG

Package Includes: Arm, 2 - 7Ah, 1 Solar Panel.
Wt. 46 lbs.



LMLA412-S

Secondary Arm only
Wt. 20 lbs.

LMSOLPNL10W12V

Extra Solar Panel
Wt. 8 lbs.

LA412 Residential Solar Powered System

Power: 12VDC
8 ft. Gate. - 850 lbs. / 12 ft. Gate - 750 lbs.
14 ft. Gate - 650 lbs. / 16 ft. Gate - 550 lbs.
UL325 Compliant
CLASS 1
Cycles Per Day (See Solar Cycle Chart Below)
Keyed Manual Disconnect
2 - 7Ah 12 Volt Batteries
2 Year Limited Factory Warranty
3.75 W. x 5.5" H. x 37.5" L.



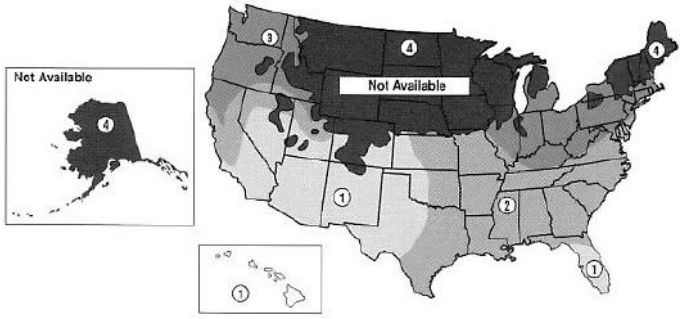
Diablo Controls, Inc.

LOOPDETSOLAR

Solar 12/24 V Loop Detector Recommended for Exit or Reverse loops installed

Replacement Battery: VIKBAT - 7Ah 12V Battery
Transformer to convert LA412 to a LA400 - LMLA12VXFMR
Out Swing Bracket: LM50-19503 Bracket kit for an OPEN-IN application.

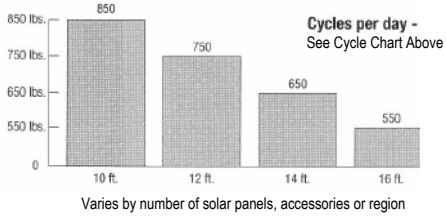
LA412 Solar Gate Access System Daily Cycle Chart



Number Identifies Zone. LA412 Not Support or Available in Zone 4

The map and daily cycle rate shown are approximations based upon the average solar radiation and temperature effects on batteries in the given regions.

		Zone 1	Zone 2	Zone 3
Single Arm Installation - Number of Cycles Per Day				
10W Solar - 1 Panel	Arm Only	50 cycles	40 cycles	12 cycles
20W Solar - 2 Panel	Arm Only	50 cycles	50 cycles	28 cycles
30W Solar - 3 Panel	Arm Only	50 cycles	50 cycles	46 cycles
Dual Arm Installations - Number of Cycles Per Day				
10W Solar - 1 Panel	Arms Only	50 cycles	25 cycles	8 cycles
20W Solar - 2 Panel	Arms Only	50 cycles	50 cycles	20 cycles
30W Solar - 3 Panel	Arms Only	50 cycles	50 cycles	30 cycles



Varies by number of solar panels, accessories or region

Gate Operators

Commercial Grade
SL3000UL Sliding Gate Operator
1/2 HP ~ 1000 lbs

ELITE SERIES

LiftMaster



25" H. x 19" W. x 18" D.

The SL3000UL™ is recommended for high-traffic applications such as gated communities and commercial buildings. Designed for smooth, exceptionally quiet performance, the unit can handle continuous operation with gates weighing up to 1,000 lbs. And up to 37 ft. in length with a raveling speed of 12 inches per second.

Now with Security+ 2.0 Technology & Model 850LM universal receiver installed.

The **DC2000 (DCSL)** provides uninterrupted access during a power outage. Meets Fire Marshalls requirements for Emergency Access.



LMSL3000UL8

UL325
UL991
Compliant

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	1/2 HP - instant reversing, 1,625 rpm, high speed ball bearings
Duty Cycle	Continuous
Power Options	120 V AC, 4 amp
Cover	Molded Plastic - Weather Proof - Access Door
Fail Safe	No
Maximum Gate Length	**37 Feet**
Maximum Gate Weight	**1/2 HP Motor: 1000 lbs.**
Gate Speed	12 inches per sec.
Operator Weight	130 lbs.
Chain Size	#41 - 25 ft.
Emergency Release Options	Manual Disconnect, Best option is our DC2000™ (DCSL)
Battery Backup Installed	No

Commercial Grade
SL3000ULE Sliding Gate Operator
1/2 HP ~ 1000 lbs

ELITE SERIES

LiftMaster



25" H. x 19" W. x 18" D.

The SL3000ULE have been specially designed to meet fire marshal's requirements for fire and emergency access. In the event of power loss, the solenoid brake is automatically released, giving emergency personnel the ability to push the gate open. When power is normal you still can release the gate by a manual button on the operator.

Now with Security+ 2.0 Technology & Model 850LM universal receiver installed.

The **DC2000 (DCSL)** provides uninterrupted access during a power outage. Meets Fire Marshalls requirements for Emergency Access.



SL3000ULE

UL325
UL991
Compliant

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	1/2 HP - instant reversing, 1,625 rpm, high speed ball bearings
Duty Cycle	Continuous
Power Options	120 V AC, 4 amp
Cover	Molded Plastic - Weather Proof - Access Door
Fail Safe	Yes
Maximum Gate Length	**37 Feet**
Maximum Gate Weight	**1/2 HP Motor: 1000 lbs.**
Gate Speed	12 inches per sec.
Operator Weight	130 lbs.
Chain Size	#41 - 25 ft.
Emergency Release Options	Pressed manual button once to disconnect, press again to reset.
Battery Backup Installed	No

Commercial Grade
SL3000UL1HP Sliding Gate Operator
1 HP ~ 2000 lbs

ELITE SERIES



25" H. x 19" W. x 18" D.

The SL3000UL1HP™ is our most powerful slide gate operator. Equipped with two ½ HP motors and a heavy-duty transmission, it is the perfect choice for large, heavy wrought iron gates. With 210 lbs. of pulling torque, the unit is capable of 35 cycles per hour on gates weighing up to 2,000 lbs. and up to 37 ft. In length.

Now with Security+ 2.0 Technology & Model 850LM universal receiver installed.

LiftMaster

LMSL3000UL1HP8

UL325
UL991
Compliant

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	Equipped with two ½ HP, parking gate motors that work together
Duty Cycle	35 cycles per hour
Power Options	120 V AC, 8 amp
Cover	Molded Plastic - Weather Proof - Access Door
Fail Safe	No
Maximum Gate Length	**37 Feet**
Maximum Gate Weight	**1 HP Motor - 2000 lbs.**
Gate Speed	12 inches per sec.
Operator Weight	157 lbs.
Chain Size	#41 - 25 ft.
Emergency Release Options	Manual Disconnect
Battery Backup Installed	No

Commercial Grade
SL3000UL1HPE Sliding Gate Operator
1 HP ~ 2000 lbs

ELITE SERIES



25" H. x 19" W. x 18" D.

The SL3000UL1HPE have been specially designed to meet fire marshal's requirements for fire and emergency access. In the event of power loss, the solenoid brake is automatically released, giving emergency personnel the ability to push the gate open. When power is normal you still can release the gate by a manual button on the operator.

Now with Security+ 2.0 Technology & Model 850LM universal receiver installed.

LiftMaster

SL3000UL1HPE

UL325
UL991
Compliant

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	Equipped with two ½ HP, parking gate motors that work together
Duty Cycle	35 cycles per hour
Power Options	120 V AC, 8 amp
Cover	Molded Plastic - Weather Proof - Access Door
Fail Safe	Yes
Maximum Gate Length	**37 Feet**
Maximum Gate Weight	**1 HP Motor - 2000 lbs.**
Gate Speed	12 inches per sec.
Operator Weight	157 lbs.
Chain Size	#41 - 25 ft.
Emergency Release Options	Push to open in case of power loss, or pressed manual button
Battery Backup Installed	No

Commercial Grade Dual Motor SL3000ULDM Sliding Gate Operator
Dual - 1/2 HP ~ 800 lbs

ELITE SERIES



25" H. x 19" W. x 18" D.

Unlike any other slide gate operator, the SL3000ULDM™ features a patented dual-motor drive system for superior performance in hot weather climates such as desert environments. Engineered for high traffic commercial applications, the unit is designed to operate without overheating, using **one motor to open the gate and the other to close it.** Capabilities include continuous operation with gates weighing up to 800 lbs. and up to 37 ft. In length.

Now with Security+ 2.0 Technology & Model 850LM universal receiver installed.

CHAMBERLAIN LiftMaster SL3000ULDM

UL325 UL991 Compliant

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	Two - 1/2 HP - instant reversing, 1,625 rpm, high speed ball bearings
Duty Cycle	Continuous Duty
Power Options	120 V AC, 4 amp
Cover	Molded Plastic - Weather Proof - Access Door
Fail Safe	No
Maximum Gate Length	**37 Feet**
Maximum Gate Weight	**Two ½ HP Motors - 800 lbs.**
Gate Speed	12 inches per sec.
Operator Weight	157 lbs.
Chain Size	#41 - 25 ft.
Emergency Release Options	Manual Disconnect
Battery Backup Installed	No

Commercial Grade Dual Motor with Battery Backup SL3000ULDMDC Sliding Gate Operator
Dual - 1/2 HP ~ 800 lbs

ELITE SERIES



25" H. x 19" W. x 18" D.

Unlike any other slide gate operator, the SL3000ULDMDC™ features a patented dual-motor drive system for superior performance in hot weather climates such as desert environments. Engineered for high traffic commercial applications, the unit is designed to operate without overheating, using **one motor to open the gate and the other to close it.** Capabilities include continuous operation with gates weighing up to 800 lbs. and up to 37 ft. In length. SL3000ULDMDC™ comes with DC2000 power backup system factory installed.

Now with Security+ 2.0 Technology & Model 850LM universal receiver installed.

CHAMBERLAIN LiftMaster SL3000ULDMDC

UL325 UL991 Compliant

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	Two - 1/2 HP - instant reversing, 1,625 rpm, high speed ball bearings
Duty Cycle	Continuous Duty
Power Options	120 V AC, 4 amp
Cover	Molded Plastic - Weather Proof - Access Door
Fail Safe	No
Maximum Gate Length	**37 Feet**
Maximum Gate Weight	**Two ½ HP Motors - 800 lbs.**
Gate Speed	12 inches per sec.
Operator Weight	157 lbs.
Chain Size	#41 - 25 ft.
Emergency Release Options	Battery Backup Factory Installed - (DC2000)
Battery Backup Installed	Yes

Commercial Grade CSW200UL Swing Gate Operator
1/2 HP ~ 18 ft. Gate - 600 lbs.

ELITE SERIES



28" H. x 15" W. x 20.5" D.

CSW200UL™ operators are ideal for high-traffic applications such as gated communities and commercial buildings. Unlike other systems, the CSW gate operators are designed with a "non-scissor action" swing arm to greatly reduce the risk of injury. Capabilities include 75 cycles per hour on gates weighing up to 600 lbs. and up to 18 ft. In length.

Now with Security+ 2.0 Technology & Model 850LM universal receiver installed.

CHAMBERLAIN LiftMaster LMCSW200UL8

UL325 UL991 Compliant

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	1/2 HP - instant reversing, 1,625 rpm, high speed ball bearings
Duty Cycle	Capable of 75 cycles per hour
Power Options	120 V AC, 4 amp
Wormgear Reduction	Two 30-to-1 wormgear reducers in an oil bath.
Output Shaft	2-1/2" cold rolled steel
Max. Gate Length & Weight	**8 ft. Gate - 1600 lbs. / 12 ft. Gate - 1200 lbs. 16 ft. Gate - 800 lbs. / 18 ft. Gate - 600 lbs.**
Gate Speed	90 degree opening in 13-15 seconds
Operator Weight	175 lbs.
Emergency Release Options	Release handle is standard. Best option is our DC2000 (DCSW)
Battery Backup Installed	No

Commercial Grade CSW200UL1HP Swing Gate Operator
1 HP ~ 22 ft. Gate - 1000 lbs.

ELITE SERIES



28" H. x 15" W. x 24.5" D.

CSW200UL1 HP™ is our most powerful swing gate operator. Equipped with two 1/2 HP motors and a heavy-duty, 900:1 double transmission, it is the perfect choice for large, heavy wrought iron gates. The CSW gate operators are designed with a "non-scissor action" swing arm to greatly reduce the risk of injury. With 250 lbs. of pulling torque, the unit is capable of 60 cycles per hour on gates weighing up to 1,000 lbs. and up to 20 ft. In length.

Now with Security+ 2.0 Technology & Model 850LM universal receiver installed.

CHAMBERLAIN LiftMaster LMCSW200UL1HP8

UL325 UL991 Compliant

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	Two 1/2 HP Motors that work together equaling 1 HP
Duty Cycle	Capable of 60 cycles per hour
Power Options	120 V AC, 8 amp
Wormgear Reduction	Two 30-to-1 wormgear reducers in an oil bath.
Output Shaft	2-1/2" cold rolled steel
Max. Gate Length & Weight	**12 ft. Gate - 2000 lbs. / 16 ft. Gate - 1600 lbs. 18 ft. Gate - 1400 lbs. / 22 ft. Gate - 1000 lbs.**
Gate Speed	90 degree opening in 13-15 seconds
Operator Weight	199 lbs.
Emergency Release Options	Release handle is standard.
Battery Backup Installed	No

Gate Operators

Commercial Grade Dual Motor CSW200ULDM Swing Gate Operator
Dual 1/2 HP ~ 20 ft. Gate - 600 lbs

ELITE SERIES



28" H. x 15" W. x 24.5" D.

Unlike any other slide gate operator, the CSW200ULDM™ features a patented dual-motor drive system for superior performance in hot weather climates such as desert environments. Engineered for high traffic commercial applications, the unit is designed to operate without overheating, using **one motor to open the gate and the other to close it.** Capabilities include continuous operation with gates weighing up to 800 lbs. and up to 18 ft. In length.

Now with Security+ 2.0 Technology & Model 850LM universal receiver installed.

CHAMBERLAIN LiftMaster

CSW200ULDM

UL325 UL991 Compliant

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	Two 1/2 HP - instant reversing, 1,625 rpm, high speed ball bearings
Duty Cycle	Capable of continuous cycles
Power Options	120 V AC, 4 amp
Wormgear Reduction	Two 30-to-1 wormgear reducers in an oil bath.
Output Shaft	2-1/2" cold rolled steel
Max. Gate Length & Weight	**12 ft. Gate - 1400 lbs. / 16 ft. Gate - 1000 lbs. 18 ft. Gate - 800 lbs. / 20 ft. Gate - 600 lbs.**
Gate Speed	90 degree opening in 13-15 seconds
Operator Weight	199 lbs.
Emergency Release Options	Release handle is standard.
Battery Backup Installed	No

Commercial Grade Dual Motor with Battery Backup CSW200ULDMDC Sliding Gate Operator
Dual - 1/2 HP ~ 20 ft. Gate - 600 lbs

ELITE SERIES



28" H. x 15" W. x 24.5" D.

Unlike any other slide gate operator, the CSW200ULDMDC™ features a patented dual-motor drive system for superior performance in hot weather climates such as desert environments. Engineered for high traffic commercial applications, the unit is designed to operate without overheating, using **one motor to open the gate and the other to close it.** Capabilities include continuous operation with gates weighing up to 800 lbs. and up to 18 ft. In length. CSW200ULDMDC™ comes with DC2000 power backup system factory installed.

Now with Security+ 2.0 Technology & Model 850LM universal receiver installed.

CHAMBERLAIN LiftMaster

CSW200ULDMDC

UL325 UL991 Compliant

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	Two 1/2 HP - instant reversing, 1,625 rpm, high speed ball bearings
Duty Cycle	Capable of continuous cycles
Power Options	120 V AC, 4 amp
Wormgear Reduction	Two 30-to-1 wormgear reducers in an oil bath.
Output Shaft	2-1/2" cold rolled steel
Max. Gate Length & Weight	**12 ft. Gate - 1400 lbs. / 16 ft. Gate - 1000 lbs. 18 ft. Gate - 800 lbs. / 20 ft. Gate - 600 lbs.**
Gate Speed	90 degree opening in 13-15 seconds
Operator Weight	199 lbs.
Emergency Release Options	Battery Backup Factory Installed DC2000 (DCSW)
Battery Backup Installed	Yes

Residential / Light Commercial Operators from LiftMaster® ELITE Series

Designed for limited commercial applications, single family homes, or ranches

A Longer Lasting Battery Life With EverCharge® Power Management System



20-1/2" H. x 13" W. x 16-1/4" D.

RSL12V

SLIDE GATE OPERATOR

Power: **12VDC or 110v or Solar**
Gate Capacity: **800 lbs**
Gate Length: **25 ft.**
Cycles: **120 times per day**
Built-in Battery Back-up:
(Comes with a single battery installed)
Chain #41 - 25 ft.
Soft Start / Stop Operation
Operator Weight: 100 lbs.
Solar Ready
3 Year Warranty

LMRSL12V

CHAMBERLAIN LiftMaster

UL325 UL991 Compliant



28-1/2" H. x 15-1/4" W. x 20-1/4" D.

RSW12V

SWING GATE OPERATOR

Power: **12VDC or 110v or Solar**
Max. Gate Length & Weight:
12 ft. Gate - 600 lbs / 14 ft. Gate - 500 lbs.
16 ft. Gate - 400 lbs.
Cycles: **250 times per day**
Built-in Battery Back-up:
(Comes with a single battery installed)
Soft Start / Stop Operation
Operator Weight: 180 lbs.
Solar Ready
3 Year Warranty

LMRSW12V

CHAMBERLAIN LiftMaster

UL325 UL991 Compliant

Accessories Available:

Solar Package: LM7AHSLRPKG - Comes with a 20 watt solar panel 26" W. x 12" H, extra battery and wiring Harness.
Transformer: LMK204B0195-1 - 12 V transformer
Wiring Harness: LMMSWIRE12GA6C - Wiring Harness for a Master/Slave set up.

Battery Back-up Operation
(16 ft. / 650 lbs. slide gate. Stand alone system)

Battery	Cycles
1 - 7AH	40
2 - 7AH	100
1 - 33AH	275

Accessories Available:

Solar Package: LM7AHSLRPKG - Comes with a 20 watt solar panel 26" W. x 12" H, extra battery and wiring Harness.
Transformer: LMK204B0195-1 - 12 V transformer
Wiring Harness: LMMSWIRE12GA6C - Wiring Harness for a Master/Slave set up.

Battery Back-up Operation
(16 ft. / 400 lbs. swing gate)

Battery	Cycles
1 - 7AH	40
2 - 7AH	100
1 - 33AH	275

3 Ways to Power the LiftMaster Elite Series Operator:

1) You Can Bring 110v to the Unit. **2)** You Can Use Remote Low Voltage Cable. **3)** You Can Install Solar Power.

Residential and Commercial

The F-1™ Swing Gate Operator

CLASS I, CLASS II, CLASS III, and CLASS IV Vehicular Gate Operator





VIKF-1

UL325
UL991
Compliant

Overall Size
19-1/4" W. x 21-1/2" H. x 16-1/2" D.

Operational Specifications

Operation: 24 VDC with 1/2 HP Motor
Main Power Source: 120/220 VAC Single Phase
Battery: 7 AMP Hour 12 VDC x 2
Capacity: **1200 lbs. / 12' or 800 lbs. / 16'**
Max. Opening Speed: 13-16 Seconds per 90°
Battery Back-up: 300 Full Cycles (600 lbs. / 12' Gate)
Max Duty Cycle: 100 % (Continuous Cycles)
Temperature: -4° F to + 158° F
UL 325 and 991 Listing
Fail-safe / Fail-secure Clutch Mechanism
Loop Rack Included
Built-in Three Push Button Station
On-Board Lightning Protection
Soft-start / Soft-stop W / Intelligent Obstruction Detection
Solar Panel Ready: Requires 24VDC 80 watts
Limited Factory Warranty:
7 Year Residential and 5 Year Commercial
Wt. 134 lbs.

VIKINGBLUE Communication - Wireless operation using bluetooth® technology. You can transmit and receive all commands of the gate operator, it's parameters, and troubleshoot it up to 100 ft away on your wireless smart device or laptop.
#VIKVA-BLUE-MSKT - Viking Wireless M/S Connect with Smart Diagnostics.
#VIKVA-BLUE - Viking Wireless M/S Connection.

Optional Accessories

Gear Head Heater: Required to operate in temperatures below 0° F
Solar Package: Part # **VIKVA-SOCHP** Rated at 12VDC-40 watts. 2 Panels required.
Power Box: A solution where operator is not near electricity 120 or 220 VAC
Magnetic Lock System: Holding force 1300 lbs when the electromagnet is energized.
Loop Rack: Plug up to three loop detectors. The installation is simple using only two connections.
Pipe Stands: These stands provide a flexible solution where concrete pads aren't possible.
Bluetooth Technology: You can transmit and receive all commands of the gate operator for trouble shooting.

Heavy Duty Commercial

The T-21™ Swing Gate Operator

CLASS I, CLASS II, CLASS III, and CLASS IV Vehicular Gate Operator



VIKT-21

Operational Specifications

Operation: 24 VDC With 1 H.P. Motor
Main Power Source: 120/220 VAC Single Phase
Battery: 7 AMP Hour 12 VDC x 2
Capacity: **1200 lbs. / 20' - 2000 lbs. / 12'**
Max. Opening Speed: 13-16 Seconds per 90°
Battery Back-up: 100 Full Cycles (600 lbs. / 12' Gate)
Max Duty Cycle: 100% (Continuous Cycles)
Temperature: -4° F to + 158° F
UL 325 and 991 Listing
Fail-safe / Fail-secure Clutch Mechanism
Loop Rack Included
On-Board Lightning Protection
Soft-start / Soft-stop W / Intelligent Obstruction Detection
Solar Panel Ready: Requires 24VDC 80 watts
Limited Factory Warranty:
7 Year Residential and 5 Year Commercial
Wt. 190 lbs.

UL325
UL991
Compliant

Overall Size
21-1/2" W. x 27" H. x 16-1/2" D.

VIKINGBLUE Communication - Wireless operation using bluetooth® technology. You can transmit and receive all commands of the gate operator, it's parameters, and troubleshoot it up to 100 ft away on your wireless smart device or laptop.
#VIKVA-BLUE-MSKT - Viking Wireless M/S Connect with Smart Diagnostics.
#VIKVA-BLUE - Viking Wireless M/S Connection.

Optional Accessories

Gear Head Heater: Required to operate in temperatures below 0° F
Solar Package: Part # **VIKVA-SOCHP** Rated at 12VDC-40 watts. 2 Panels required.
Power Box: A solution where operator is not near electricity 120 or 220 VAC
Magnetic Lock System: Holding force 1300 lbs when the electromagnet is energized.
Loop Rack: Plug up to three loop detectors. The installation is simple using only two connections.
Pipe Stands: These stands provide a flexible solution where concrete pads aren't possible.
Bluetooth Technology: You can transmit and receive all commands of the gate operator for trouble shooting.

Residential

The R-6™ Swing Gate Operator

CLASS I, Vehicular Gate Operator



VIKR-6

Operational Specifications

Operation: 24 VDC
Main Power Source: 120/220 VAC Single Phase
Battery: 7 AMP Hour 12 VDC x 2
Capacity: **600 lbs.**
Max Gate Length: **14 Feet**
Max. Opening Speed: 13-16 Seconds per 90°
Battery Back-up: 800 Full Cycles (500 lbs. / 12' Gate)
Max Opening: 120°
Temperature: -4° F to + 158° F
UL 325 and 991 Listing
Fail-safe / Fail-secure Clutch Mechanism
On-Board Lightning Protection
Soft-start / Soft-stop W / Intelligent Obstruction Detection
Solar Panel Ready: Requires 24VDC 80 watts
Limited Factory Warranty: 5 Year Residential
Wt. 125 lbs.

UL325
UL991
Compliant

Overall Size
19-1/4" W. x 21-1/2" H. x 16-1/2" D.

VIKINGBLUE Communication - Wireless operation using bluetooth® technology. You can transmit and receive all commands of the gate operator, it's parameters, and troubleshoot it up to 100 ft away on your wireless smart device or laptop.
#VIKVA-BLUE-MSKT - Viking Wireless M/S Connect with Smart Diagnostics.
#VIKVA-BLUE - Viking Wireless M/S Connection.

Optional Accessories

Gear Head Heater: Required to operate in temperatures below 0° F
Solar Package: Part # **VIKVA-SOCHP** Rated at 12VDC-40 watts. 2 Panels required.
Power Box: A solution where operator is not near electricity 120 or 220 VAC
Magnetic Lock System: Holding force 1300 lbs when the electromagnet is energized.
Loop Rack: Plug up to three loop detectors. The installation is simple using only two connections.
Pipe Stands: These stands provide a flexible solution where concrete pads aren't possible.
Bluetooth Technology: You can transmit and receive all commands of the gate operator for trouble shooting.

Gate Operators

Residential and Commercial
The G-5™ Swing Gate Operator
CLASS I, CLASS II, CLASS III, and CLASS IV Vehicular Gate Operator

The NEW 2000 lb. Capacity



Viking G-5 Arm

VIKG-5NX ARM

VIKECU-SGL-IN
Viking G-5 Single Arm Controller

VIKECU-M/S-IN
Viking G-5 Master/Slave Arm Controller

UL325
UL991
Compliant

Arm: 4" W. x 4-3/4" H. x 41.75" L.
Control Box: 15" W. x 14" H. x 6-1/2" D.

Revolutionizing The Idea of Gate Operation!

Operational Specifications
Operation: 24 VDC with 1/2 HP Motor
Main Power Source: 115/230 VAC Single Phase
Battery: 7 AMP Hour 12 VDC x 2
10 ft. Gate - 2000 lbs. / 12 ft. Gate - 1500 lbs.
16 ft. Gate - 1000 lbs. / 18 ft. Gate - 800 lbs.
Max. Opening Speed: 15-18 Seconds per 90°
The G-5 will Open Inside to a 120°. Open Outside to a 105°
Fail-Safe / Fail-Secure Option
Battery Back-up: 400 Full Cycles (600 lbs. / 12' Gate)
Max Duty Cycle: 100 % (Continuous Cycles)
Temperature: -4° F to + 158° F
Access Key Release For Manual Operation
Built-in Three Push Button Station
On-Board Lightning Protection
Solar Panel Ready: Requires 24VDC 80 watts
Limited Factory Warranty: 4 Year Res. and 3 Year Com.
Wt. 80 lbs. Single Arm with Control Box
Wt. 118 lbs. Double Arms with Control Box

Optional Accessories
Solar Package: Part # **VIKVA-SOCHP** Rated at 12VDC-40 watts. 2 Panels required.
Power Box: A solution where operator is not near electricity 120 or 220 VAC
Magnetic Lock System: Holding force 1300 lbs when the electromagnet is energized.
Loop Rack: Plug up to three loop detectors. The installation is simple using only two connections.
Bluetooth Technology: You can transmit and receive all commands of the gate operator for trouble shooting.

VIKINGBLUE Communication - Wireless operation using bluetooth® technology. You can transmit and receive all commands of the gate operator, it's parameters, and troubleshoot it up to 100 ft away on your wireless smart device or laptop.
#VIKVA-BLUE-MSKT - Viking Wireless M/S Connect with Smart Diagnostics
#VIKVA-BLUE - Viking Wireless M/S Connection

Residential and Commercial
The X-9™ Swing Gate Operator
CLASS I, CLASS II, CLASS III, and CLASS IV Vehicular Gate Operator

UL325
UL991
Compliant



Viking X-9 Arm

VIKX-9
Viking X-9 Arm

VIKECU-SGL-IN
Viking X-9 Single Arm Controller

VIKECU-M/S-IN
Viking X-9 Master/Slave Arm Controller

Arm:
14-3/4" W. x 5.9" H. x 5.12" D.
Control Box:
15" W. x 14" H. x 6-1/2" D.

Operational Specifications
Operation: 24 VDC With 1/2 H.P. Motor
Main Power Source: 120/220 VAC Single Phase
Battery: 7 AMP Hour 12 VDC x 2
Capacity: **600 lbs.**
Max. Gate Length: **14 FT.**
Max. Opening Speed: 10-13 Seconds per 90°
The X-9 will Open Inside to a 120°. Open Outside to a 105°
Battery Back-up: 800 Full Cycles (500 lbs. / 12' Gate)
Max Duty Cycle: 100% (Continuous Cycles)
Temperature: -4° F to + 158° F
UL 325 and 991 Listing
On-Board Lightning Protection
Adjustable Timer For Automatic Closure
Intelligent Obstruction Detection
Solar Panel Ready: Requires 24VDC 80 watts
Limited Factory Warranty:
3 Year Residential and 2 Year Commercial
Wt. 81 lbs. Single Arm with Control Box
Wt. 122 lbs. Double Arm with Control Box

VIKINGBLUE Communication - Wireless operation using bluetooth® technology. You can transmit and receive all commands of the gate operator, it's parameters, and troubleshoot it up to 100 ft away on your wireless smart device or laptop.
#VIKVA-BLUE-MSKT - Viking Wireless M/S Connect with Smart Diagnostics.
#VIKVA-BLUE - Viking Wireless M/S Connection.

Optional Accessories
Solar Package: Part # **VIKVA-SOCHP** Rated at 12VDC-40 watts. 2 Panels required.
Power Box: A solution where operator is not near electricity 120 or 220 VAC
Magnetic Lock System: Holding force 1300 lbs when the electromagnet is energized.
Loop Rack: Plug up to three loop detectors. The installation is simple using only two connections.
Bluetooth Technology: You can transmit and receive all commands of the gate operator for trouble shooting.

Underground
The i-8™ Swing Gate Operator
CLASS I, CLASS II, CLASS III, and CLASS IV Vehicular Gate Operator

UL325
UL991
Compliant



16.61" W. x 8.85" H. x 13.46" D.

VIKi-8
Viking I-8 Arm

VIKi-8SS
Viking I-8 Stainless Steel Arm

VIKECU-SGL-I8
Viking I-8 Single Arm Controller

VIKECU-M/S-I8
Viking I-8 Master/Slave Arm Controller

Operational Specifications
Operation: 24 VDC With 1/2 H.P. Motor
Main Power Source: 120/220 VAC Single Phase
Battery: 7 AMP Hour 12 VDC x 2
Capacity: **650 lbs.**
Max Gate Length: **15 Feet**
Max. Opening Speed: 13-15 Seconds per 90°
Battery Back-up: 400 Full Cycles (500 lbs. / 12' Gate)
Temperature: -4° F to + 158° F
UL 325 and 991 Listing
Water Resistant Gear Head Unit
Key Release For Manual Release
Internal Parts: Aluminum, Stainless Steel, and Planted Steel
Positive Stop System
Stainless Steel Casing Available
Solar Panel Ready: Requires 24VDC 80 watts
Limited Factory Warranty:
3 Year Residential and 2 Year Commercial
Wt. 116.5 lbs. Single Arm with Control Box
Wt. 193. lbs. Double Arm with Control Box

VIKINGBLUE Communication - Wireless operation using bluetooth® technology. You can transmit and receive all commands of the gate operator, it's parameters, and troubleshoot it up to 100 ft away on your wireless smart device or laptop.
#VIKVA-BLUE-MSKT - Viking Wireless M/S Connect with Smart Diagnostics.
#VIKVA-BLUE - Viking Wireless M/S Connection.

Optional Accessories
Solar Package: Part # **VIKVA-SOCHP** Rated at 12VDC-40 watts. 2 Panels required.
Power Box: A solution where operator is not near electricity 120 or 220 VAC
Magnetic Lock System: Holding force 1300 lbs when the electromagnet is energized.
Loop Rack: Plug up to three loop detectors. The installation is simple using only two connections.
Bluetooth Technology: You can transmit and receive all commands of the gate operator for trouble shooting.

Residential and Commercial

The L-3™ Slide Gate Operator

CLASS I, CLASS II, CLASS III, and CLASS IV Vehicular Gate Operator





VIKL-3NX

21.25" W. x 25.50" H. x 14.5" D.

UL325
UL991
Compliant

Revolutionizing The Idea of Gate Operation!

Operational Specifications

Operation: 24 VDC with 1/2 HP Motor
Main Power Source: 120/220 VAC Single Phase
Battery: 7 AMP Hour 12 VDC x 2
Capacity: **1600 lbs.**
Max. Gate Length: **60 FT.**
Max. Opening Speed: 12" Per Second
Innovative Fine Tune Adjustment - Down to 1/8"
Fail-Safe / Fail-Secure Option
Loop Rack Included
Soft-start, Soft-stop with Adaptive Learn Algorithm
Battery Back-up: 100 Full Cycles (1000 lbs. / 20' Gate)
Max Duty Cycle: 100 % (Continuous Cycles)
Temperature: -4° F to + 158° F
#40 Chain Nickel Coated - 25 ft.
Access Switch For Manual Operation
On-Board Lightning Protection
Solar Panel Ready: Requires 24VDC 80 watts
Limited Factory Warranty: 7 Year Res. and 5 Year Com.
Wt. 90 lbs.

Optional Accessories

Gear Head Heater: Required to operate in temperatures below 0° F
Solar Package: Part # **VIKVA-SOCHP** Rated at 12VDC-40 watts. 2 Panels required.
Power Box: A solution where operator is not near electricity 120 or 220 VAC
Magnetic Lock System: Holding force 1300 lbs when the electromagnet is energized.
Loop Rack: Plug up to three loop detectors. The installation is simple using only two connections.
Pipe Stands: These stands provide a flexible solution where concrete pads aren't possible.
Bluetooth Technology: You can transmit and receive all commands of the gate operator for trouble shooting.

VIKINGBLUE Communication - Wireless operation using bluetooth® technology. You can transmit and receive all commands of the gate operator, it's parameters, and troubleshoot it up to 100 ft away on your wireless smart device or laptop.
#VIKVA-BLUE-MSKT - Viking Wireless M/S Connect with Smart Diagnostics.
#VIKVA-BLUE - Viking Wireless M/S Connection.

Residential

The K-2™ Slide Gate Operator

CLASS I, CLASS III, and CLASS IV Vehicular Gate Operator





VIKK-2

19.5" W. x 19.50" H. x 13.5" D.

UL325
UL991
Compliant

Revolutionizing the Idea of Gate Operation!

Operational Specifications

Operation: 24 VDC with 1/2 HP Motor
Main Power Source: 120/220 VAC Single Phase
Battery: 7 AMP Hour 12 VDC x 2
Capacity: **650 lbs.**
Max. Gate Length: **27 FT**
Max. Opening Speed: 12" Per Second
Fail-Safe / Fail-Secure Option
Battery Back-up: 100 Full Cycles (650 lbs. / 20' Gate)
Max Duty Cycle: 100 % (Continuous Cycles)
#40 Chain Nickel Coated - 25 ft.
Temperature: -4° F to + 158° F
Access Switch For Manual Operation
Built-in Three Push Button Station
On-Board Lightning Protection
Solar Panel Ready: Requires 24VDC 80 watts
Limited Factory Warranty: 5 Year Residential
Wt. 80 lbs.

Optional Accessories

Gear Head Heater: Required to operate in temperatures below 0° F
Solar Package: Part # **VIKVA-SOCHP** Rated at 12VDC-40 watts. 2 Panels required.
Power Box: A solution where operator is not near electricity 120 or 220 VAC
Magnetic Lock System: Holding force 1300 lbs when the electromagnet is energized.
Loop Rack: Plug up to three loop detectors. The installation is simple using only two connections.
Pipe Stands: These stands provide a flexible solution where concrete pads aren't possible.
Bluetooth Technology: You can transmit and receive all commands of the gate operator for trouble shooting.

VIKINGBLUE Communication - Wireless operation using bluetooth® technology. You can transmit and receive all commands of the gate operator, it's parameters, and troubleshoot it up to 100 ft away on your wireless smart device or laptop.
#VIKVA-BLUE-MSKT - Viking Wireless M/S Connect with Smart Diagnostics.
#VIKVA-BLUE - Viking Wireless M/S Connection.

Gate Operators

Residential and Commercial

The H-10™ Slide Gate Operator

CLASS I, CLASS II, CLASS III, and CLASS IV Vehicular Gate Operator





VIKH-10NX

19.5" W. x 23.50" H. x 13.5" D.

Revolutionizing The Idea of Gate Operation!

Operational Specifications

Operation: 24 VDC with 1 HP Motor
Main Power Source: 120/220 VAC Single Phase
Battery: 7 AMP Hour 12 VDC x 2
Capacity: **2200 lbs.**
Max. Gate Length: **40 FT.**
Max. Opening Speed: 12" Per Second
Innovative Fine Tune Adjustment - Down to 1/8"
Fail-Safe / Fail-Secure Option
Loop Rack Included
Soft-start, Soft-stop with Adaptive Learn Algorithm
Battery Back-up: 100 Full Cycles (1000 lbs. /20' Gate)
Max Duty Cycle: 100 % (Continuous Cycles)
#40 Chain Nickel Coated - 25 ft
Temperature: -4° F to + 158° F
Access Switch For Manual Operation
On-Board Lightning Protection
Solar Panel Ready: Requires 24VDC 80 watts
Limited Factory Warranty: 7 Year Res. and 5 Year Com.
Wt.120 lbs.

UL325
UL991
Compliant

Optional Accessories

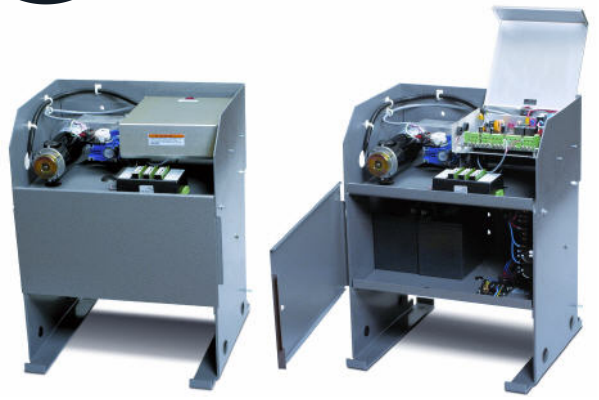
Gear Head Heater: Required to operate in temperatures below 0° F
Solar Package: Part # **VIKVA-SOCHP** Rated at 12VDC-40 watts. 2 Panels required.
Power Box: A solution where operator is not near electricity 120 or 220 VAC
Magnetic Lock System: Holding force 1300 lbs when the electromagnet is energized.
Loop Rack: Plug up to three loop detectors. The installation is simple using only two connections.
Pipe Stands: These stands provide a flexible solution where concrete pads aren't possible.
Bluetooth Technology: You can transmit and receive all commands of the gate operator for trouble shooting.

VIKINGBLUE Communication - Wireless operation using bluetooth® technology. You can transmit and receive all commands of the gate operator, it's parameters, and troubleshoot it up to 100 ft away on your wireless smart device or laptop.
#VIKVA-BLUE-MSKT - Viking Wireless M/S Connect with Smart Diagnostics
#VIKVA-BLUE - Viking Wireless M/S Connection

Residential and Commercial

The Q-4™ Slide Gate Operator

CLASS II, CLASS III, and CLASS IV Vehicular Gate Operator



VIKQ-4

20" W. x 26" H. x 14" D.

Revolutionizing The Idea of Gate Operation!

Operational Specifications

Operation: 24 VDC
Main Power Source: 120/220 VAC Single Phase
Battery: 33 to 100 AMP Hour 12 VDC x 2
1/2 Kilowatt of Power
Capacity: **4000 lbs.**
Max. Gate Length: **80 FT.**
Max. Opening Speed: Up to 16" Per Second
Innovative Fine Tune Adjustment - Down to 1/8"
Fail-Safe / Fail-Secure Option
Loop Rack Included
Adjustable Height for the main drive
Soft-start, Soft-stop with Adaptive Learn Algorithm
Battery Back-up: 100 Full Cycles (2000 lbs. / 40' Gate)
Max Duty Cycle: 100 % (Continuous Cycles)
#40 Chain Nickel Coated - 25 ft.
Temperature: -4° F to + 158° F
Access Switch For Manual Operation
Limited Factory Warranty: 5 Year Res. and 5 Year Com.
Wt. 190 lbs.

UL325
UL991
Compliant

Optional Accessories

Gear Head Heater: Required to operate in temperatures below 0° F
Power Box: A solution where operator is not near electricity 120 or 220 VAC
Magnetic Lock System: Holding force 1300 lbs when the electromagnet is energized.
Loop Rack: Plug up to three loop detectors. The installation is simple using only two connections.
Pipe Stands: These stands provide a flexible solution where concrete pads aren't possible.
Bluetooth Technology: You can transmit and receive all commands of the gate operator for trouble shooting.

VIKINGBLUE Communication - Wireless operation using bluetooth® technology. You can transmit and receive all commands of the gate operator, it's parameters, and troubleshoot it up to 100 ft away on your wireless smart device or laptop.
#VIKVA-BLUE-MSKT - Viking Wireless M/S Connect with Smart Diagnostics
#VIKVA-BLUE - Viking Wireless M/S Connection

Residential

The 6050 Series Swinging Gate Operator

CLASS I Vehicular Gate Operator



Primary Operator

DK6050-080

Secondary Operator

DK6050-081

Shown With:
Pad Mount
(Pad Mount sold separately)



Reliable And Long Lasting!

UL325
UL991
Compliant

Shown With:
Post Mount
(Post Mount sold separately)

Specifications:

Max. Gate: **10 FT.**
Max. Gate Weight: **400 lbs.**
Swings gate 90 degrees in approx. 10 sec.
1/2 HP limited-duty motor.
10 cycles per hr.
115 VAC, 4.3 Amps.
Operating Temp. 10° F to 140° F.
5 year limited factory warranty.
Dimensions on operator only:
13.25" W. x 12" H. x 23" D.
Wt. 100-140 lbs. Depending on model and options selected.

Options Available:

Bi-parting gate connection cable.
Post or pad mount - specify which.
Plug-in loop detectors.
Heater Kit for cold environments.
Surge suppressors.

Pad Mount Kit **DK2600-671**

Post Mount Kit **DK2600-674**

Key Features:

* Self-adjusting, no maintenance magnetic limits.
* Overlap feature for dual swing gate operation.
* Designed with a built-in primary and secondary entrapment prevention system.
* Ports for plug-in loop detectors.
* Fail-safe release.
* Tamper detect circuit.
* Gate tracker reporting output.
* Programming switches.
* Built-in reset switch.
* Built-in power On/Off switch.
* Quiet operation
* Weather proof design
* Keyed release for manual operation
* Compliant with UL 325 and 991. ETL Listed. **(Note: To be compliant entrapment prevention devices may need to be installed with this gate operator.)**

The unique design of these operators allows the gate arm to be attached to the bottom rail of the gate. This eliminates the need for any brackets to be welded to the face of the gate and creates an aesthetically pleasing installation.

Residential

The 6100 Series Swinging Gate Operator

CLASS I, CLASS II, CLASS III and CLASS IV Vehicular Gate Operator



Primary Operator

DK6100-080

Secondary Operator

DK6100-081

Shown With:
Pad Mount
(Pad Mount sold separately)



Reliable And Long Lasting!

UL325
UL991
Compliant

Shown With:
Post Mount
(Post Mount sold separately)

Specifications:

Max. Gate: **14 FT.**
Max. Gate Weight: **500 lbs.**
Swings gate 90 degrees in approx. 10 sec.
1/2 HP contiuous-duty motor.
60 Cycles per hr
115 VAC, 5.4 Amps.
Operating Temp. 10° F to 140° F.
5 year limited factory warranty.
Dimensions on operator only:
13.25" W. x 12" H. x 23" D.
Wt. 100-140 lbs. Depending on model and options selected.

Options Available:

Bi-parting gate connection cable.
Post or pad mount - specify which.
DC powered convenience open.
Plug-in loop detectors.
Heater Kit for cold environments.
Surge suppressors.

Pad Mount Kit **DK2600-671**

Post Mount Kit **DK2600-674**

Key Features:

* Self-adjusting, no maintenance magnetic limits.
* Overlap feature for dual swing gate operation.
* Designed with a built-in primary and secondary entrapment prevention system.
* Ports for plug-in loop detectors.
* Fail-safe release.
* Tamper detect circuit.
* DC Powered convenience open
* Gate tracker reporting output.
* Programming switches.
* Built-in reset switch.
* Built-in power On/Off switch.
* Quiet operation
* Weather proof design
* Keyed release for manual operation
* Compliant with UL 325 and 991. ETL Listed. **(Note: To be compliant entrapment prevention devices may need to be installed with this gate operator.)**

The unique design of these operators allows the gate arm to be attached to the bottom rail of the gate. This eliminates the need for any brackets to be welded to the face of the gate and creates an aesthetically pleasing installation.

Gate Operators

6003 Vehicular Swing Gate Actuator

For Smaller Gates

Class of Operation I



DK6003-080

5" W x 5" H x 35" L

The Model 6002 swing gate actuator offers convenience and reliability in a compact design. It mounts directly on your gate and pilaster, simplifying installation and eliminating the need for concrete pads. The powerful screw driven piston connects directly to the gate eliminating weak mechanical connections and it is fully enclosed to prevent dirt and other airborne corrosives from contaminating the screw threads. And there is no need to worry about hydraulic leaks, check valves or pumps.

Max Gate Weight: **300 Lbs.**
Max. Length: **10 Ft**
Control Panel: 115 VAC, 60 Hz
Operating Power: 24 VDC
Back-Up: Batteries Provided
Built-in Battery Charger
90° in approximately 12 seconds
2- year Limited Factory Warranty
Wt. 20-25 lbs. depends on control box

UL325
UL991
Compliant

Deluxe Control Box

The deluxe control box provides three 115 VAC convenience outlets to power auxiliary power transformers.

DK4302-112

14-1/4" W x 24-1/4" H x 4" D



Standard Control Box

The standard control box is typically used for applications not requiring power for additional control devices.

DK4302-111

12-1/4" W x 16-3/4" H x 4" D

6002 Vehicular Swing Gate Actuator

For Larger Gates

Class of Operation I, II



Max Gate Weight: **500 Lbs.**
Max. Length: **14 Ft**
Control Panel: 115 VAC, 60 Hz
Operating Power: 24 VDC
Back-Up: Batteries Provided
Built-in Battery Charger
90° in approximately 12 seconds
110° Max. Gate Opening
2- year Limited Factory Warranty
Wt. 20-25 lbs. depends on control box

UL325
UL991
Compliant

DK6002-080

50" L x 4" H x 4" D

The Model 6002 swing gate actuator offers convenience and reliability in a compact design. It mounts directly on your gate and pilaster, simplifying installation and eliminating the need for concrete pads. The powerful screw driven piston connects directly to the gate eliminating weak mechanical connections and it is fully enclosed to prevent dirt and other airborne corrosives from contaminating the screw threads. And there is no need to worry about hydraulic leaks, check valves or pumps.

Residential

The 9050 Series Sliding Gate Operator

CLASS I Vehicular Gate Operator



DK9050-080

Reliable And Long Lasting!

UL325
UL991
Compliant

Fail Secure Kit For 9050

DK2600-862

The Model 9050 operator is ideally used and designed to operate vehicular slide gates in residential applications only.

Specifications:

Max. Gate: **16 FT.**
Max. Gate Weight: **300 lbs.**
1/2 HP light-duty motor.
10 cycles per hr
115 VAC, 4.3 Amps.
Speed: Approx. 10" per second
Steel Cover
#41 chain - 20 Ft.
5-year limited factory warranty
Approx. 70 lbs
Operating Tempt: 10° F to 140° F
Dimensions on operator only:
12" W. x 24" H. x 11.5" D.
Wt. 70 lbs.

Options Available

#40 chain
Nickel plated chain
Stainless steel chain
Plug-in loop detectors
Heater kit for cold environments
Base plate to post mount this operator (does not include posts)
Surge suppressors

Key Features:

* Light Duty - General Public Access
* Electronic self setting limits
* Built in mechanical and electronic reverse system
* Built in power and alarm reset switches
* Selectable loop function (stop and reverse)
* Fail safe release
* Ports for plug-in open and reverse loop detectors (DKS loop detectors only)
* Convenience outlets
* Built-in power On/Off switch
* Programming switches
* Auto-close timer 1-23 sec.
* Compliant with UL 325 and 991. ETL Listed. **(Note: To be compliant entrapment prevention devices may need to be installed with this gate operator.)**

These operators are designed so that they can easily be mounted in the front, center or rear of the gate without any costly and time consuming field modifications. In addition, the operators can be pad or post mounted to meet any installation requirements.

Commercial ~ Residential

The SL-100 Sliding Gate Operator

1/2 HP ~ 1000 lbs




The SL-100 is our most popular automatic gate operator. Affordable, slim and rated for continuous duty on gates up to 1000 lbs. This is a 110 Volt AC device capable of years and years of reliable service. The SL-100 was originally intended for applications like public storage facilities in the US. You can imagine those gates have to work all the time.

UL325 UL991 Compliant

ALL-O-MATIC

ALLSL100 1/2HP

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	1/2 HP
Duty Cycle	Continuous
Power Options	120 V AC
Gear Box Ratio	10:1 & 30:1 Optional for fail secure applications
Chain	#41 - 20 ft.
Dimensions	W: 12" – L: 17.5" – H 23.5"
Maximum Gate Length	**37 Feet**
Maximum Gate Weight	**1/2 HP Motor: 1000 lbs.**
Gate Speed	12 inches per sec.
Operator Weight	100 lbs.
Emergency Release Options	Can be pushed open in the event of a power failure
Battery Backup	Compatible

Commercial ~ Residential

The SL-100DC Sliding Gate Operator

1/2 Hp - 2000 lbs ~ **With BATTERY BACK-UP**




Designed specifically to be the strongest, most durable DC gate Operator in its class. Allomatic's long awaited SL-100 DC has arrived. The SL-100 DC utilizes an industry first brushless motor technology (no maintenance, high torque, and smooth quiet operation), total in house design, programming and construction. Equipped with a built in loop detector rack and enough power to operate all accessories on battery power. Manufactured with a heavy duty frame and parts that are made to last a life time, plus our industry leading warranty.

UL325 UL991 Compliant

ALL-O-MATIC

ALLSL100 1/2DC

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	24 VDC Brushless Motor ½ HP – Continuous Duty Cycle
Duty Cycle	Continuous
Power Options	120/220 VAC Single Phase
Gear Box Ratio	10:1
Chain	#41 - 20 ft.
Dimensions	W: 12" – L: 17.5" – H 23.5"
Maximum Gate Length	**45 Feet**
Maximum Gate Weight	**1/2 HP Motor: 2000 lbs.**
Gate Speed	12 inches per sec
Operator Weight	130 lbs.
Emergency Release Options	Can be pushed open in the event of a power failure
Battery Backup	IntegratedCapable of up to 80 cycles on a 1000lbs Gate Battery: Two 8 Ah Batteries 12VDC
Solar Capabilities	12VDC or 24VDC Solar Panel Input

Commercial ~ Residential

The SL-150 Sliding Gate Operator

1/2 HP & 1 HP




This is our commercial slide operator. These operators run on gates for many high schools and government facilities like power distribution centers and police impound/tow yeards. The SL-150 is in front of oil derricks and furniture warehouses. It will operate gates up to 65 ft. and 8,000 lbs. With its premier 1hp motor. The operator is also available in affordable 1/2hp version.

UL325 UL991 Compliant

ALL-O-MATIC

ALLSL150 1/2HP

ALLSL150 1HP

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	½ HP, 1 HP
Duty Cycle	Continuous
Power Options	120 V AC
Gear Box Ratio	30:1 w/ Internal Clutch
Chain	#40 - 20 ft.
Dimensions	W: 15"- L: 19.5" – H: 25"
Maximum Gate Length	**60 Feet**
Maximum Gate Weight	**1/2 HP Motor: 1500 lbs.** **1 HP Motor: 2500 lbs**
Gate Speed	12 inches per sec.
Operator Weight	150 lbs.
Emergency Release Options	Foot Pedal

Commercial ~ Residential

The SL-150DC Sliding Gate Operator

1/2 Hp & 1 HP ~ **With BATTERY BACK-UP**




All-O-Matic's new SL-150 DC slide gate operator comes equipped with a true integrated long term battery backup. Like all of All-O-Matic's DC gate operators the SL-150 DC uses an industry first Brushless DC motor, witch means zero maintenance and high precision. The SL-150 DC comes equipped with a built in loop rack, slow start/stops algorithm, heavy duty frame, emergency mechanical foot pedal release. The SL-150 DC offers up to weeks of uninterrupted operation in the event of a power failure. Unlike other currently available "open and die" single cycle battery backups, in the event of a power failure the SL-150 DC seamlessly switches from AC power to backup mode and runs off of its included (2 - 8Ah) batteries.

UL325 UL991 Compliant

ALL-O-MATIC

ALLSL150 1/2DC

ALLSL150 1DC

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	24 VDC Brushless Motor ½ HP or 1HP – Continuous Duty Cycle
Duty Cycle	Continuous
Power Options	120/220 VAC Single Phase
Gear Box Ratio	30:1 w/ Internal Clutch
Chain	#40 - 20 ft.
Dimensions	W: 15"- L: 19.5" – H: 25"
Maximum Gate Length	**60 Feet**
Maximum Gate Weight	**1/2 HP Motor: 3000 lbs.** **1 HP Motor: 4000 lbs.**
Gate Speed	12 inches per sec.
Operator Weight	150 lbs.
Emergency Release Options	Foot Pedal
Battery Backup	Integrated Full Time Battery Backup Capable of up to 100 cycles on a 1000 lbs Gate Battery: Two 8 Ah Batteries 12VDC
Solar Capabilities	12VDC or 24VDC Solar Panel Input

Gate Operators

Commercial ~ Residential
The SW-300 Swinging Gate Operator
1/2 HP




The SW-300 is our residential and commercial gate operator. This will swing gates up to 18 ft and 800 lbs. You can see the SW-300 installed master/slave in front of gated communities as well as homes with circular driveways and any flag lot where lateral space is limited. Its silent, elegant slow-stop & slow-start features is the envy of the industry.

UL325 UL991 Compliant

ALL-O-MATIC Sliders · Swingers · Overheads

ALLSW300 1/2HP

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	1/2 HP,
Duty Cycle	Continuous
Power Options	120 V AC
Gear Box Ratio	60:1
Cover	Rotationally Molded - Indestructible
Dimensions	W: 21"- L: 17" – H: 25.5"
Maximum Gate Length	**18 Feet Max.**
Maximum Gate Weight	**1/2 HP Motor: 800 lbs**
Gate Speed	90 degrees travel in 17 sec.
Operator Weight	110 lbs.
Emergency Release Options	Patented No-Bind, Band release Arm
Battery Backup	Compatible

Commercial ~ Residential
The SW-300DC Swinging Gate Operator
1/2 Hp ~ **With BATTERY BACK-UP**




Designed specifically to be the strongest, most durable DC gate Operator in its class. Allomatics long awaited SW-300 DC has arrived. The SW-300 DC utilizes an industry first brushless motor technology (no maintenance, high torque, and smooth quiet operation), total in house design, programming and construction. Equipped with a built in loop detector rack and enough power to operate all accessories on battery power. Manufactured with a heavy duty frame and parts that are made to last a life time, plus our industry leading warranty.

UL325 UL991 Compliant

ALL-O-MATIC Sliders · Swingers · Overheads

ALLSW300 1/2DC

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	24 VDC Brushless Motor ½ HP – Continuous Duty Cycle
Duty Cycle	Continuous
Power Options	120/220 VAC Single Phase
Gear Box Ratio	60:1
Cover	Rotationally Molded - Indestructible
Dimensions	W: 21"- L: 17" – H: 25.5"
Maximum Gate Length	**20 Feet Max.**
Maximum Gate Weight	**1/2 HP Motor: 1200 lbs**
Gate Speed	Approx. 90 degrees travel in 17 sec.
Operator Weight	135 lbs.
Emergency Release Options	No-Bind, Band release Arm
Battery Backup	Integrated -Capable of up to 250 Cycles - Battery: Two 8 Ah Batteries 12VDC
Solar Capabilities	12VDC or 24VDC Solar Panel Input

Commercial ~ Residential
The SW-350 Swinging Gate Operator
1/2 HP, 3/4 HP, & 1 HP



The SW-350 Swing Gate Operator has bin used on Gate of up to 22' and 2000 Lbs. Over the years its low profile design, heavy duty mechanical foot pedal release, unmatched heavy duty clutch and no bind quick release arm w/ rust proof aluminum hub have allowed All-O-Matics SW-350 heavy duty swing gate operator to stand out amongst the rest. For tuff jobs there is no match. All All-O-Matic Gate Operators are covered by our 5/7 Year Manufacturers Warranty

UL325 UL991 Compliant

ALL-O-MATIC Sliders · Swingers · Overheads

ALLSW350 1/2HP

ALLSW350 3/4HP

ALLSW350 1HP

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	1/2 HP, 3/4 HP or 1 HP
Duty Cycle	Continuous
Power Options	120 V AC
Gear Box Ratio	60:1 with internal clutch
Cover	Rotationally Molded - Indestructible
Dimensions	W: 14"- L: 24" – H: 18"
Maximum Gate Length	**22 Feet Max.**
Maximum Gate Weight	**1/2 HP Motor: 800 lbs.** **3/4 HP Motor: 1200 lbs.** **1 HP Motor: 1500 lbs.**
Gate Speed	90 degrees travel in 19 sec.
Operator Weight	125 lbs.
Emergency Release Options	Foot Pedal

Commercial ~ Residential
The SW-350DC Swinging Gate Operator
1/2 HP - **With BATTERY BACK-UP**



The SW-350 DC swing gate operator is the largest of Allomatics swing gate operators. This DC swing gate operator is capable of moving gates up to 2,000 Lbs or 22 feet in length. With all of the assets of the original 350 design and all of the increased capability of the DC gate operator line, this operator is unparalleled in its capability. Heavy duty torque limiter, huge solid aluminum no rust no bind hub, mechanical foot pedal release, built in loop rack, low profile design, and full time battery backup for seamless transition to battery mode in the event of a power failure.

UL325 UL991 Compliant

ALL-O-MATIC Sliders · Swingers · Overheads

ALLSW350 1/2DC

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	24VDC Brush-less Motor 1/2 HP
Duty Cycle	Continuous Duty
Power Options	120\220 V AC Single Phrase
Gear Box Ratio	60:1 with internal clutch
Cover	Rotationally Molded - Indestructible
Dimensions	W: 14"- L: 24" – H: 18"
Maximum Gate Length	**22 Feet Max.**
Maximum Gate Weight	**1/2 HP Motor: 2000 lbs.**
Gate Speed	90 degrees travel in 19 sec.
Operator Weight	125 lbs.
Emergency Release Options	Foot Pedal

Commercial ~ Residential

The SL-90DC Sliding Gate Operator

1/2 Hp - 1200 lbs ~ **With BATTERY BACK-UP**



UL325
UL991
Compliant

Designed specifically to be the strongest, most durable DC gate Operator in its class. The SL-90DC utilizes an industry first brushless motor technology (no maintenance, high torque, and smooth quiet operation), total in house design, programming and construction. Equipped with a built in loop detector rack and enough power to operate accessories on battery power. Manufactured with a heavy duty frame and parts that are made to last a life time, plus there industry leading warranty.

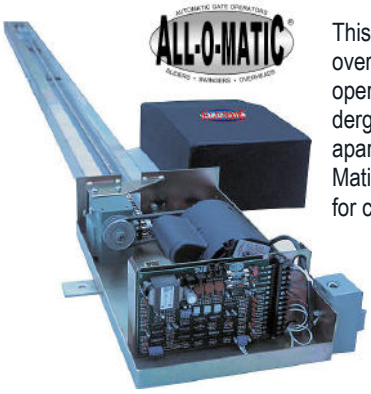
ALLSL90 1/2DC

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	24 VDC Brushless Motor 1/2 HP – Continuous Duty Cycle
Duty Cycle	Continuous
Power Options	120/220 VAC Single Phase
Gear Box Ratio	15:1
Chain	#41 - 20 ft.
Dimensions	15-1/2" W. x 18-1/2" L. x 17" H.
Maximum Gate Length	**40 Feet**
Maximum Gate Weight	**1/2 HP Motor: 1200 lbs.**
Gate Speed	12 inches per sec.
Operator Weight	90 lbs.
Emergency Release Options	Can be pushed open in the event of a power failure
Battery Backup	Integrated Capable of up to 150 cycles Battery: Two 7 Ah Batteries 12VDC
Solar Capabilities	12VDC or 24VDC Solar Panel Input



Commercial ~ Residential

The OH-200 Overhead Gate Operator - 1/2 HP



This is a commercial gate operator for overhead tilt up gates. You will see this operator quietly operating gates for underground parking facilities and apartment/condo buildings. Like All-O-Matic gate operators the OH-200 is rated for continous duty.

UL325
UL991
Compliant

ALLOH200 1/2HP

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Warranty	Full 5 Year Commercial
Motor	1/2 HP Motor
Duty Cycle	Continuous
Gear Box Ratio	60:1
Dimensions	W: 13"- L: 144" – H: 8"
Maximum Gate Length	**16 Feet Max.**
Maximum Gate Weight	**1/2 HP Motor: 800 lbs.**
Operator Weight	100 lbs.
Emergency Release Options	Lockable Quick release Drive Arm and Carriage
Battery Backup	Compatible

Overhead Jamb Track Available Please Call

Commercial ~ Residential

The OH-200DC Overhead Gate Operator - 1/2 HP

With Battery Backup



All-O-Matics new OH-200 DC overhead gate operator is the first and only commercial overhead gate operator available with a true integrated long term battery backup. The OH-200 DC offers days of uninterrupted operation in the event of a power failure. The OH-200 DC seamlessly switches from AC power to backup mode and runs off of its included (2 - 8Ah) batteries. For multi residential and commercial applications such as apartment buildings or large underground parking structures.

UL325
UL991
Compliant

ALLOH200 1/2HPDC

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Warranty	Full 5 Year Commercial
Motor	24 VDC Brushless 1/2 HP Motor
Duty Cycle	Continuous
Gear Box Ratio	40:1
Dimensions	W: 13"- L: 144" – H: 8"
Maximum Gate Length	**22 Feet Max.**
Maximum Gate Weight	**1/2 HP Motor: 800 lbs.**
Operator Weight	110 lbs.
Emergency Release Options	Lockable Quick release Drive Arm and Carriage
Battery Backup	Integrated -Capable of up to 100 Cycles - Battery: Two 8 Ah Batteries 12VDC

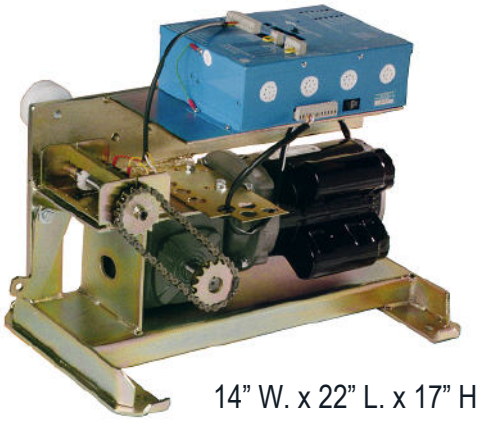
Overhead Jamb Track Available Please Call

Gate Operators

Heavy Duty Commercial High Traffic

The 3020 Slide Gate Operator

CLASS I, CLASS II, CLASS III, and CLASS IV Vehicular Gate Operator



14" W. x 22" L. x 17" H.

Cycles: Continuous
Gate Travel: 12" Per Second
Shipping Weight: 135 lbs.
Pause Circuit (Anti-Tailgate)
Electronic Brake
LED Diagnosis
Chain #41 - 25ft
Line Spike Protection
Adjustable Timer (0-63 seconds)
Advanced Adjustable Obstruction Sensor
Auto-Res. 24V Solid State Circuit Breaker
Emergency Release: Electronic Brake /no power-no brake
Chassis: Heavy Duty Structural Steel
Limited Factory Warranty:
6 Year Residential and 4 Year Commercial

UL325
UL991
Compliant

DORDR3020

1/2 HP 110 VAC
Max. Gate: **45 ft**
Max. Gate Weight: **2200 lbs.**

DORDR3020HX

1 HP 110 VAC
Max. Gate: **45 ft**
Max. Gate Weight: **3600 lbs.**



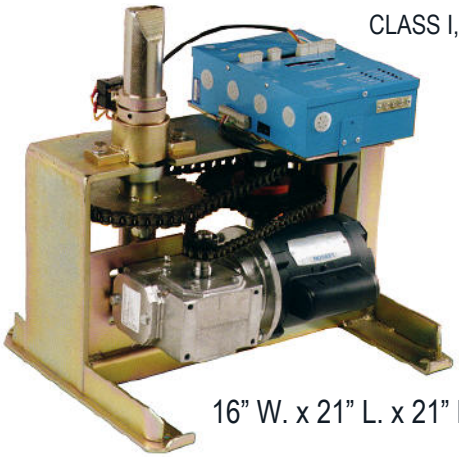
All units are protected by a low profile, high impact resistant, weather resistant and lockable molded plastic.

DORENE

Heavy Duty Commercial High Traffic

The 4020 Swing Gate Operator

CLASS I, CLASS II, CLASS III, and CLASS IV Vehicular Gate Operator



16" W. x 21" L. x 21" H.

Cycles: Continuous
Gate Travel: 22" Per Second
Shipping Weight: 180 lbs.
Pause Circuit (Anti-Tailgate)
Electronic Brake
LED Diagnosis
Line Spike Protection
Adjustable Timer (0-63 seconds)
Advanced Adjustable Obstruction Sensor
Auto-Res. 24V Solid State Circuit Breaker
Emergency Release: Electronic Brake /no power-no brake
Chassis: Heavy Duty Structural Steel
Limited Factory Warranty:
6 Year Residential and 4 Year Commercial

UL325
UL991
Compliant

DORDS4020

Motor: **1/2 HP**, 110/117 VAC
Max Gate Length: **16 ft**
Max Gate Weight: **1800 lbs.**

DORDS4020H

Motor: **1/2 HP**, 110/117 VAC
Max Gate Length: **20 ft**
Max Gate Weight: **2200 lbs.**

DORDS4020HX

Motor: **1 HP**, 110/117 VAC
Max Gate Length: **25 ft**
Max Gate Weight: **3600 lbs.**



All units are protected by a low profile, high impact resistant, weather resistant and lockable molded plastic.

CAME | GATE OPERATORS

CAME BX-243 Residential Slide Gate Operator

CAME ensures all their products are up to the highest safety standards, style and functionality. The Bx-243 has undergone testing to bring it up to the United States and Canada standards in terms of the impact forces generated by the gate leaf movement. This is the ideal solution for residential installations for sliding gates up to 660 pounds, and features a complete operator, equipped with encoder-based movement control.



BX-243 Residential Slider

120V AC, single phase
25 Cycles Per Day
25 ft. Gate. - 660 lbs.
Manual Release
7.5 inches per second
Chain #41 - 28 ft.
3 Year Residential Warranty
13" H. x 8.34" D. x 11.73" W.

CHAMBERLAIN LiftMaster

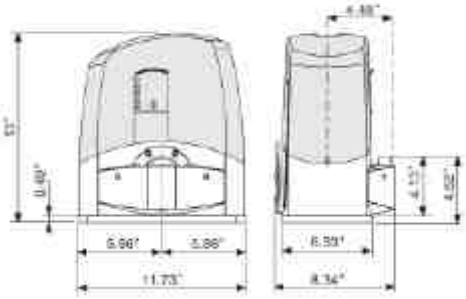
Models Available

BX-243C - Includes: Chain Drive Slide Gate Operator, control board with Security+ 2.0™ on-board receiver chain drive & 28 ft. Chain - 36 lbs.

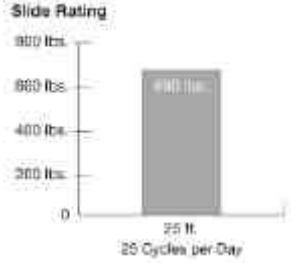
BX-243R - Includes: Rack and Pinion Slide Gate Operator, control board with Security+ 2.0™ on-board receiver. Rack sold separately. - 27 lbs.

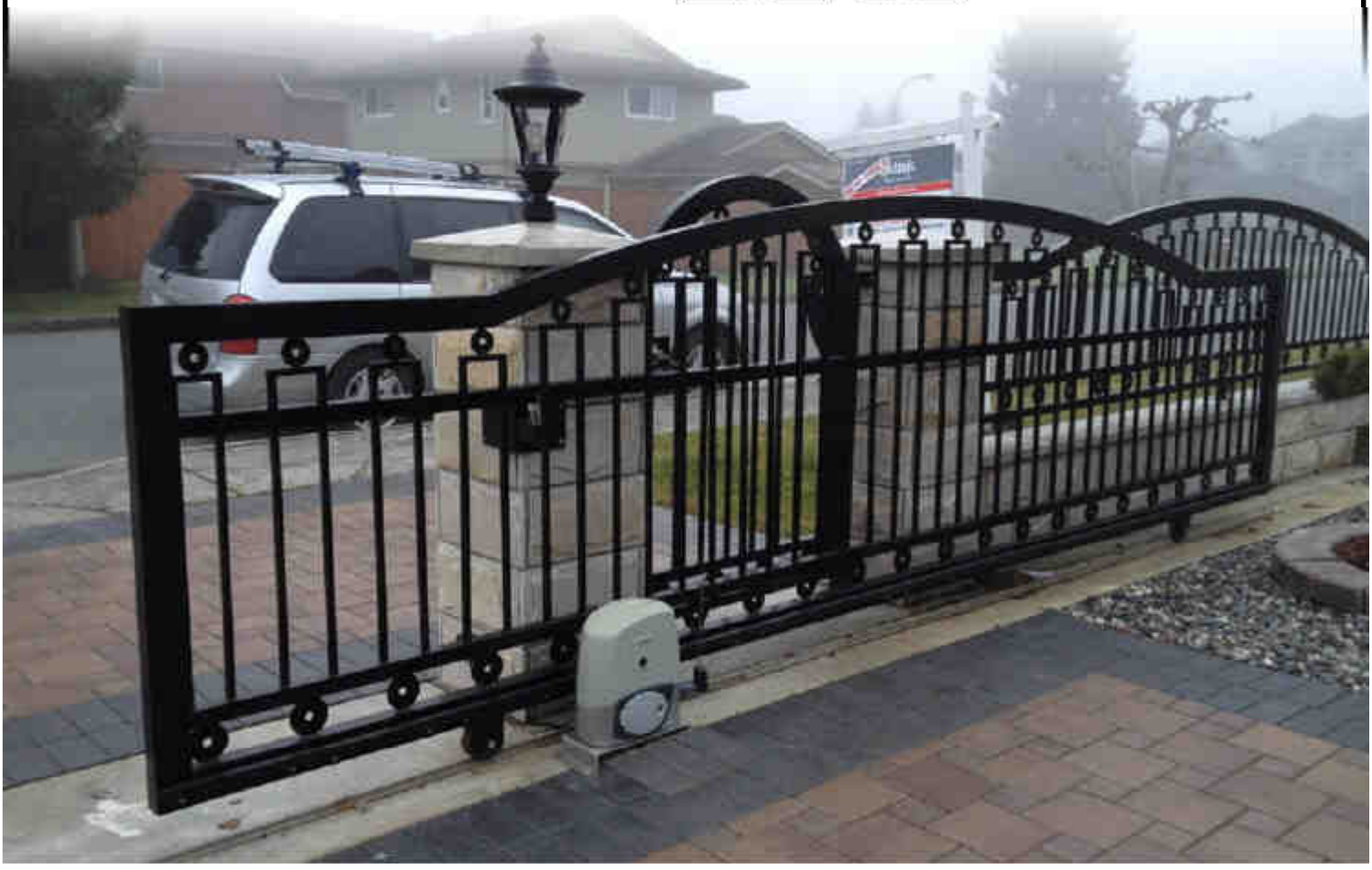
Security+ 2.0™ technology 2x the range
ETL listed and UL-325 Compliant For Class 1
Adjustable speed control
Partial-Open feature
Soft Stop

Dimensions



Recommended Capacity





Gate Operators

CAME FERNI Residential Column-Mount Swing Gate Operator

CAME | GATE OPERATORS

The Ferni Residential Column-Mount Swing Gate Operator moves gates up to 13 feet wide. This unique system enables gate automation when the dimensions of a large pillar prevents any other operator from being installed.

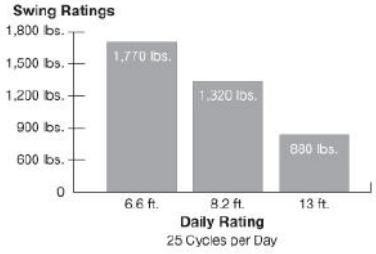


FERNI 1PKG
Residential Swing

120V AC, single phase
Motor power: 24V DC continuous duty
Accessory power: 24V AC, 2 amps
25 Cycles Per Day
6.5 ft. Gate - 1770 lbs.
8 ft. Gate - 1320 lbs.
13 ft. Gate - 880 lbs.
Manual Disconnect
90 degree opening in 16-45 seconds
3 Year Residential Warranty
Operator dimension:
6.61" H. x 7.16" D. x 13.38" W.
Control Box Dimension:
12.6" H. x 5.7" D. x 9.45" W.



Recommended Capacities



Models Available

FERNI 1PKG - Includes FERNI operator, articulated transmission arm and control box with Security+ 2.0™ on-board receiver - 48 lbs.

FERNI-S - Includes FERNI Secondary articulated transmission arm for a M/S setup - 32 lbs.

Security+ 2.0™ technology 2x the range
ETL listed and UL-325 Compliant For Class 1
Adjustable speed control
Partial Open Feature
Soft Stop

CAME FROG Residential Under-Ground Swing Gate Operator

CAME | GATE OPERATORS

The Frog Residential Underground Swing Gate Operator is ideal for ornamental swing gates. Installed below grade in a **waterproof casing**, and protected by a steel access plate that is flush with the driveway surface, it provides an invisible solution.



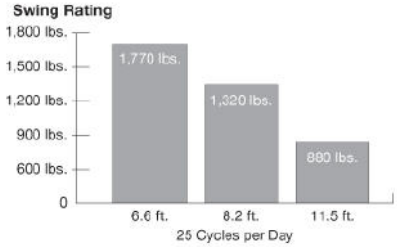
FROG 1PKG
Residential Swing

120V AC, single phase
Motor power: 24V DC continuous duty
Accessory power: 24V AC, 2 amps
25 Cycles Per Day
6.5 ft. Gate - 1770 lbs.
8 ft. Gate - 1320 lbs.
11.5 ft Gate - 880 lbs.
Manual Disconnect
90 degree opening in 16-45 seconds
3 Year Residential Warranty
Operator Dimension:
6.5" H. x 12.99" D. x 15.94" W.
Control Box Dimension:
12.6" H. x 5.7" D. x 9.45" W.





Recommended Capacities



Models Available

FROG 1PKG - Includes: FROG operator motor assembly, control box with Security+ 2.0™ on-board receiver, foundation case and Key release - 78 lbs.

FROG-S - Includes: FROG Secondary operator motor assembly for a M/S setup, foundation case and Key release - 62 lbs.

Security+ 2.0™ technology 2x the range
ETL listed and UL-325 Compliant For Class 1
Adjustable speed control
Partial Open Feature
Soft Stop

Eagle-2000 Commercial Grade Fail-Safe Sliding Gate Operator

1/2 HP ~ 1000 lbs



26" H. x 18" W. x 17" D.

With four models to choose from, Eagle-2000 is the reliable choice for all your commercial and industrial needs. Installation is made simple with the advanced features you most often need standard on every operator; features like Stop-Reverse allowing your transmitter to work like a 3-button station, or motor brake for added control on downhill applications.
Dual gate Master/Slave operation has never been easier. Just two wires provide full Master/Slave communication. Global inputs between master and slave operators allow connection of any accessories to either the master or slave and the Diamond Control Board does the rest.

EAGLE

EAG2000FSF

UL325
UL991
Compliant

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Limited Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	1/2 HP Continuous Duty AC
Duty Cycle	Continuous
Power Options	115V AC @ 60 Hz 5.7 amp
Cover	Molded Plastic - Weather Proof - Access Door
Fail Safe	Yes
Maximum Gate Length	**45 Feet**
Maximum Gate Weight	**1/2 HP Motor: 1000 lbs.**
Gate Speed	12 inches per sec.
Operator Weight	125 lbs.
Chain Size	#40 Chain Nickel Coated - 20 ft.
Emergency Release Options	Push to Open
Battery Backup	No - (Optional Power I Battery Backup 40-80 Cycles)

Eagle-2000 Commercial Grade Fail-Secure Sliding Gate Operator

1/2 HP ~ 1000 lbs



26" H. x 18" W. x 17" D.

With four models to choose from, Eagle-2000 is the reliable choice for all your commercial and industrial needs. Installation is made simple with the advanced features you most often need standard on every operator; features like Stop-Reverse allowing your transmitter to work like a 3-button station, or motor brake for added control on downhill applications.
Dual gate Master/Slave operation has never been easier. Just two wires provide full Master/Slave communication. Global inputs between master and slave operators allow connection of any accessories to either the master or slave and the Diamond Control Board does the rest.

EAGLE

EAG2000FSC

UL325
UL991
Compliant

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Limited Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	1/2 HP Continuous Duty AC
Duty Cycle	Continuous
Power Options	115V AC @ 60 Hz 5.7 amp
Cover	Molded Plastic - Weather Proof - Access Door
Fail Safe	No
Maximum Gate Length	**45 Feet**
Maximum Gate Weight	**1/2 HP Motor: 1000 lbs.**
Gate Speed	12 inches per sec.
Operator Weight	125 lbs.
Chain Size	#40 Chain Nickel Coated - 20 ft.
Emergency Release Options	Use Crank to Open
Battery Backup	No - (Optional Power I Battery Backup 40-80 Cycles)

Eagle-2000 Commercial Grade Fail-Secure Sliding Gate Operator

1 HP ~ 2000 lbs



26" H. x 18" W. x 17" D.

With four models to choose from, Eagle-2000 is the reliable choice for all your commercial and industrial needs. Installation is made simple with the advanced features you most often need standard on every operator; features like Stop-Reverse allowing your transmitter to work like a 3-button station, or motor brake for added control on downhill applications.
Dual gate Master/Slave operation has never been easier. Just two wires provide full Master/Slave communication. Global inputs between master and slave operators allow connection of any accessories to either the master or slave and the Diamond Control Board does the rest.

EAGLE

EAG20001HP

UL325
UL991
Compliant

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Limited Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	1 HP Continuous Duty AC
Duty Cycle	Continuous
Power Options	115V AC @ 60 Hz 11.4 amp
Cover	Molded Plastic - Weather Proof - Access Door
Fail Safe	No
Maximum Gate Length	**45 Feet**
Maximum Gate Weight	**1 HP Motor: 2000 lbs.**
Gate Speed	12 inches per sec.
Operator Weight	150 lbs.
Chain Size	#40 Chain Nickel Coated - 20 ft.
Emergency Release Options	Use Crank to Open
Battery Backup	No - (Optional Power 2 Battery Backup 40-80 Cycles)

Eagle-2000 Commercial Grade Fail-Secure Sliding Gate Operator

Dual 1/2 HP ~ 1000 lbs (One Motor to Open - One Motor to Close)



26" H. x 18" W. x 17" D.

With four models to choose from, Eagle-2000 is the reliable choice for all your commercial and industrial needs. Installation is made simple with the advanced features you most often need standard on every operator; features like Stop-Reverse allowing your transmitter to work like a 3-button station, or motor brake for added control on downhill applications.
Dual gate Master/Slave operation has never been easier. Just two wires provide full Master/Slave communication. Global inputs between master and slave operators allow connection of any accessories to either the master or slave and the Diamond Control Board does the rest.

EAGLE

EAG2000DM

UL325
UL991
Compliant

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Limited Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	Dual 1/2 HP Continuous Duty AC
Duty Cycle	Continuous
Power Options	115V AC @ 60 Hz 5.7 amp
Cover	Molded Plastic - Weather Proof - Access Door
Fail Safe	No
Maximum Gate Length	**45 Feet**
Maximum Gate Weight	**Two - 1/2 HP Motors: 1000 lbs.**
Gate Speed	12 inches per sec.
Operator Weight	150 lbs.
Chain Size	#40 Chain Nickel Coated - 20 ft.
Emergency Release Options	Use Crank to Open
Battery Backup	No - (Optional Power 1 Battery Backup 40-80 Cycles)

Gate Operators

Eagle-1000 Residential Single Family Homes Fail-Safe Sliding Gate Operator
1/2 HP ~ 500 lbs



22" H. x 15" W. x 13-1/2" D.

Rated for continuous duty, Eagle-1000 operators deliver the reliable power you expect for a wide range of residential sliding gates. Installation is made simple with the advanced features you most often need standard on every operator.

EAGLE

EAG1000FSF

UL325
UL991
Compliant

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Limited Warranty	Full 5 Year Residential
Motor	1/2 HP Continuous Duty AC
Duty Cycle	Continuous
Power Options	115V AC @ 60 Hz 5.7 amp
Cover	Molded Plastic - Weather Proof - Access Door
Fail Safe	Yes
Maximum Gate Length	**22 Feet**
Maximum Gate Weight	**1/2 HP Motor: 500 lbs.**
Gate Speed	12 inches per sec.
Operator Weight	80 lbs.
Chain Size	#40 Chain Nickel Coated - 20 ft.
Emergency Release Options	Push to Open
Battery Backup	No - (Optional Power I Battery Backup 40-80 Cycles)

Eagle-1000 Residential Single Family Homes Fail-Secure Sliding Gate Operator
1/2 HP ~ 500 lbs



22" H. x 15" W. x 13-1/2" D.

Rated for continuous duty, Eagle-1000 operators deliver the reliable power you expect for a wide range of residential sliding gates. Installation is made simple with the advanced features you most often need standard on every operator.

EAGLE

EAG1000FSC

UL325
UL991
Compliant

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Limited Warranty	Full 5 Year Residential
Motor	1/2 HP Continuous Duty AC
Duty Cycle	Continuous
Power Options	115V AC @ 60 Hz 5.7 amp
Cover	Molded Plastic - Weather Proof - Access Door
Fail Safe	No
Maximum Gate Length	**22 Feet**
Maximum Gate Weight	**1/2 HP Motor: 500 lbs.**
Gate Speed	12 inches per sec.
Operator Weight	80 lbs.
Chain Size	#40 Chain Nickel Coated - 20 ft.
Emergency Release Options	Use Crank to Open
Battery Backup	No - (Optional Power I Battery Backup 40-80 Cycles)

Eagle-1 Residential Single Family Homes Fail-Safe Sliding Gate Operator
1/2 HP ~ 300 lbs



20" H. x 15" W. x 12" D.

Enjoy quality and reliability with the Eagle-I Slide Gate Operator. Manufactured with the same quality and engineering as larger commercial and industrial gate operators, many of the advanced features you most often need come standard. Like every Eagle operator, the Eagle-I is built with heavy-duty AC motors, quiet gearboxes and quality components throughout. Install Eagle and install confidence.

EAG1FSF

EAGLE

Specifications	
Limited Warranty	Full 5 Year Residential
Motor	1/2 HP Continuous Duty AC
Duty Cycle	Continuous AC
Power Options	115V AC @ 60 Hz 5.2 amp
Cover	Molded Plastic - Weather Proof - Access Door
Fail Safe	Yes
Maximum Gate Length	**16 Feet**
Maximum Gate Weight	**1/2 HP Motor: 300 lbs.**
Gate Speed	12 inches per sec.
Operator Weight	75 lbs.
Chain Size	#40 Chain Nickel Coated - 20 ft.
Emergency Release Options	Push to Open
Battery Backup	No - (Optional Power I Battery Backup 40-80 Cycles)

Eagle-2 Residential Single Family Homes Swing Gate Operator
1/2 HP ~ 300 lbs



25" H. x 16-1/2" W. x 15" D.

Enjoy quality and reliability with the Eagle-II Swing Gate Operator. Manufactured with the same quality and engineering as larger commercial and industrial gate operators, many of the advanced features you most often need come standard. Like every Eagle operator, the Eagle-II is built with heavy-duty AC motors, quiet gearboxes and quality components throughout. Install Eagle and install confidence.

EAG2

EAGLE

Specifications	
Limited Warranty	Full 5 Year Residential
Motor	1/2 HP Continuous Duty AC
Duty Cycle	Continuous AC
Power Options	115V AC @ 60 Hz 5.2 amp
Cover	Molded Plastic - Weather Proof - Access Door
Maximum Gate Length	**14 Feet**
Maximum Gate Weight	**1/2 HP Motor: 300 lbs.**
Drive Chain	#50 Nickel Plated
Gate Speed	18 seconds to open 90 degrees
Operator Weight	90 lbs.
Emergency Release Options	Quick Release Lever
Battery Backup	No - (Optional Power I Battery Backup 40-80 Cycles)

Eagle-200 Commercial Grade Swing Gate Operator
1/2 HP ~ 750 lbs



29-1/2" H. x 22-1/2" W. x 17" D.

With three models to choose from, Eagle-200 is the reliable choice for all your commercial and industrial needs; big heavy gates with high traffic use and smooth powerful operation. The Eagle-200 Commercial Swing Gate Operator comes standard with the features you most often need. Establish full communication between master and slave operators with only two wires. With Eagle's Global Inputs you can now connect accessories to the master or slave operator.

EAGLE
EAG200

UL325
UL991
Compliant

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Limited Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	1/2 HP Continuous Duty AC
Duty Cycle	Continuous
Power Options	115V AC @ 60 Hz 5.7 amp
Cover	Molded Plastic - Weather Proof - Access Door
Maximum Gate Length	**20 Feet**
Maximum Gate Weight	**1/2 HP Motor: 750 lbs.**
Gate Speed	18 seconds to open at 90 degrees
Operator Weight	150 lbs.
Drive Chain	#50 Chain Nickel Plated
Emergency Release Options	Quick Release Lever
Battery Backup	No - (Optional Power I Battery Backup 40-80 Cycles)

Eagle-200 Commercial Grade Swing Gate Operator
1 HP ~ 1000 lbs



29-1/2" H. x 22-1/2" W. x 17" D.

With three models to choose from, Eagle-200 is the reliable choice for all your commercial and industrial needs; big heavy gates with high traffic use and smooth powerful operation. The Eagle-200 Commercial Swing Gate Operator comes standard with the features you most often need. Establish full communication between master and slave operators with only two wires. With Eagle's Global Inputs you can now connect accessories to the master or slave operator.

EAGLE
EAG2001HP

UL325
UL991
Compliant

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Limited Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	1 HP Continuous Duty AC
Duty Cycle	Continuous
Power Options	115V AC @ 60 Hz 10.5 amp
Cover	Molded Plastic - Weather Proof - Access Door
Maximum Gate Length	**20 Feet**
Maximum Gate Weight	**1 HP Motor: 1000 lbs.**
Gate Speed	18 seconds to open at 90 degrees
Operator Weight	175 lbs.
Drive Chain	#50 Chain Nickel Plated
Emergency Release Options	Quick Release Lever
Battery Backup	No - (Optional Power 2 Battery Backup 40-80 Cycles)

Eagle-200 Commercial Grade Swing Gate Operator
Dual 1/2 HP ~ 750 lbs (One Motor to Open - One to Close)



29-1/2" H. x 22-1/2" W. x 17" D.

With three models to choose from, Eagle-200 is the reliable choice for all your commercial and industrial needs; big heavy gates with high traffic use and smooth powerful operation. The Eagle-200 Commercial Swing Gate Operator comes standard with the features you most often need. Establish full communication between master and slave operators with only two wires. With Eagle's Global Inputs you can now connect accessories to the master or slave operator.

EAGLE
EAG200DM

UL325
UL991
Compliant

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Limited Warranty	Full 7 Year Residential, 5 Year Commercial
Motor	1/2 HP Continuous Duty AC
Duty Cycle	Continuous
Power Options	115V AC @ 60 Hz 5.7 amp
Cover	Molded Plastic - Weather Proof - Access Door
Maximum Gate Length	**20 Feet**
Maximum Gate Weight	**Dual 1/2 HP Motor: 750 lbs.**
Gate Speed	18 seconds to open at 90 degrees
Operator Weight	175 lbs.
Drive Chain	#50 Chain Nickel Plated
Emergency Release Options	Quick Release Lever
Battery Backup	No - (Optional Power I Battery Backup 40-80 Cycles)

Eagle-100 Residential Single Family Homes Swing Gate Operator
1/2 HP ~ 600 lbs



28" H. x 18" W. x 15" D.

The Eagle-100 Residential Swing Gate Operator comes standard with the features you most often need. Establish full communication between master and slave operators with only two wires. With Eagle's Global Inputs you can now connect accessories to the master or slave operator. Operation of dual leaf swinging gates has never been easier.

EAGLE
EAG100

UL325
UL991
Compliant

Specifications	
UL 325 & UL 991 Compliant, ETL Listed	
Limited Warranty	Full 5 Year Residential
Motor	1/2 HP Continuous Duty AC
Duty Cycle	Continuous
Power Options	115V AC @ 60 Hz 5.7 amp
Cover	Molded Plastic - Weather Proof - Access Door
Maximum Gate Length	**18 Feet**
Maximum Gate Weight	**1/2 HP Motor: 600 lbs.**
Gate Speed	18 seconds to open at 90 degrees
Operator Weight	125 lbs.
Drive Chain	#50 Chain Nickel Plated
Emergency Release Options	Quick Release Lever
Battery Backup	No - (Optional Power I Battery Backup 40-80 Cycles)

SECTION 17
Access Gate Controls & Accessories













EL 2000 Telephone Entry Systems

Designed to allow residents to communicate and control access to visitors



EL2000LG

Surface Mount Type

Optional Accessories
Heater Kit
Camera Kits
Directory Insert
Module Kit
RF Module Kit
Remote Keypad
Remote Keypad/Prox Combo
Versa XS Software

The EL2000 is designed to complement virtually any gated community and is flexible enough to be used in apartment buildings, condo complexes, office parks and commercial sites. 5 inch backlit LCD screen. Displays 4 lines with 20 characters. 2,000 flexible codes accepted. Codes can be programmed as directory codes or access codes. Optional plug-in modules. Camera Compatibility - Black & white and color CCTV. Simplified programming: The entire system may set up and maintained remotely via a modem or via a direct connected laptop with the versatile Versa XS™ 2.0 programming software. 1 Year Warranty. Wt. 25 lbs.

Dimensions:
15" H. x 12" W. x 3-5/8" D.



Intelligent Features, Built-in Functionality

CHAMBERLAIN® ELITE™

EL25G Telephone Entry / Access Control System

Designed to allow residents to communicate and control access to visitors



EL25G

Surface Mount Type

Dimensions:
6" H. x 10.5" W. x 3-15/16" D.



Simplified Installation:
Detachable hinge design lets you mount the unit on the back plate while making your wiring connections.

The Most Versatile Telephone Entry System For Residential and Light Commercial Applications

EL25G

CHAMBERLAIN® ELITE™

The EL25G is beautifully engineered for private residences, yet powerful and adaptable enough to be used in any gated community and is flexible enough to be used in apartment buildings, condo complexes, office parks and commercial sites. Four Built-in Relays: 4 independent relays can be set to activate doors or gates, strike, control, shunt, alarm or CCTV relays.
2,000 flexible codes accepted.
Codes can be programmed as directory codes or access codes.
Camera Compatibility - Black & white and color CCTV.
1 Year Warranty
Wt. 11 lbs.

Optional Accessories
Camera Kits
Directory Insert
Module Kit
RF Module Kit
Remote Keypad
Remote Keypad/Prox Combo
Versa XS Software



Access Gate Controls & Accessories

1835 Telephone Entry Intercom System PC Programmable System

DOORKING

1835 Surface Mount

DK1835-080

Surface Mount Recess Kit Available DK1803-150



13" H x 11.25" W x 4.75" D

The DKS 1835 telephone entry and access control system is suited for a wide variety of applications. Simple to use, yet these PC programmable systems are sophisticated enough to provide service for up to 3000 users, control up to 16 entry points and they can store the last 8000 events in its history buffer so you know the "three W's" of access control: who, when, where. With expanded optional capabilities, you can even add true anti-pass back and elevator control. Wt. 20-25 lbs. *Optional Camera Available.*

1835 Flush Mount
(Interior Use Only)

Shown With Optional Trim Ring



DK1835-084

13.5" H x 12" W x 2.5" D

Communication: True full duplex, Hands free Optional handset (surface or flush mount only available (ADA compliant).
Display: Single line 20 character super-twist LCD - 1/2 inch characters.
Mounting Styles: Surface, Flush or Wall Flush mount requires flush mounting kit Enclosures -Rated NEMA 4x
Capacity: Max 3000 phone numbers, 255 area codes 8000 event transaction memory Max 8000 Weig and device, 10 facility codes, 4 digit entry codes.
Door / gate control: Three (3) expandable to 16 with tracker expansion boards.
Programming Methods: Program via the internet (using DKS servers), modem or RS232 interface with V 6.1 or later programming and transaction analysis software Other programming methods include system keypad and remotely from a touch tone telephone.

1838 Multi-Door Controller

For Small Business, Office Buildings, Factories, Industrial Sites and Apartment Complexes

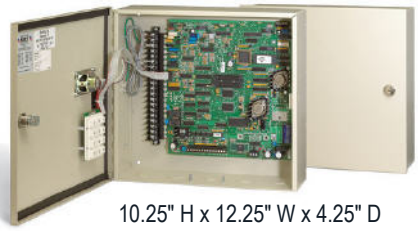
DOORKING

DK1838-080

500 CODES

DK1838-081

3000 CODES



10.25" H x 12.25" W x 4.25" D

THE MODEL 1838 multi-door access controller is ideal for any application that requires access control and reporting capabilities. The 1838 is a 2-door controller that easily expands to control up to 16 doors. This flexible system allows you to control access by means of encoded cards, five digit PINs (Personal Identification Number), wireless RF control, or with almost any 26-bit weigand devices. Additionally, our elevator control module restricts which floors system users have access to, making it an ideal system for high rise buildings. For additional security, the 1838 allows you to monitor activity AS IT HAPPENS on your computer display and with our anti-pass back memory, you can enable a TRUE anti-pass back system in one of three different configurations; passive, active and trap. With a 3000 user capacity, 8000 card code capacity and 8000 event history buffer, 31 security levels, elevator control and more, the 1838 out performs other controllers in its class.





* Stores up to 3000 user names. Memory sizes available: 500, 3000.
* Stores up to 255 area codes.
* Transaction buffer stores last 8000 events.
* Stores up to 8000 access card codes - dependent on system memory.
* 31 security (permission) levels, 29 programmable with 4 time zones each.
* Three anti-pass back configurations: passive, active and trap.
* Elevator control (note 1) for up to 4 elevators, each serving 64 floors.
* Expandable (note 2) to control up to 16 entry points.
* 4-digit entry codes, one for each telephone number.
* 3 form "C" dry contact relays.
* EEPROM memory.
* Two 16 VAC, 20 VA power transformers supplied.
* Compliant with UL 294. ETL listed.
* Wt. 20 lbs.

1802-EPD 100 Memory Telephone Entry System

Great For Two Door Access Up To 100 Names

1802 Surface Mount

DK1802-090

DOORKING

1802 Flush Mount

DK1802-091



12" H x 6.5" W x 5" D

The DKS 1802-EPD is an ideal telephone entry system that is suited for applications that have limited space and can be used in residential as well as commercial applications. The built-in Electric Directory eliminates the need for external or add-on directories. Visitors are easily identified by voice communication and can be granted or denied access directly from a touch-tone telephone. Wt. 15-20 lbs.

* 100 names & number memory capacity
* Full-Duplex Communication
* Programmable directory codes (1-4 Digits)
* 10 and 11 digit dialing capability
* Built-in A-Z scroll buttons and CALL button
* Two special inputs can be programmed for relay activation
* Built-in clock provides automatic relay activation
* Time zone restrictions on selected entry codes
* 2 relays for door / gate control
* Single-line electronic directory uses super-twist LCD with 5/16" characters
* Built-in postal lock provision

1808 Telephone Entry Intercom System Single Family or Small Business

DOORKING

DK1808-082

7.5" H. x 11" W. x 6.5" D.



The model 1808 is a small compact telephone entry system that is loaded with features. The distinctive styling of the 1808 makes it ideal for small residential or commercial applications. The built in directory, of the 1808 is ideal for small multi-home gated community applications. The 1808 is available in surface mount style only. Visitors are identified by voice communication via the telephone. Access is granted by pressing "9" on your touch tone telephone, or access can be denied by simply hanging up. The 1808 is available with or without a small, built-in directory. Contact your professional DKS system installer for more information about this and other DKS products. Wt. 15-20 lbs.



LED Lighting illuminates keypad and directory. The built in directory, of the 1808 is ideal for small multi-home gated community applications.

* Stores up to 1000 telephone numbers.
* EEPROM Memory.
* Full duplex commnication.
* 4-digit entry codes; same number as memory ordered.
* Six, 5-digit entry codes.
* 10 area codes.
* 16 VAC, 20 VA (250 ma) power transformer provided.
* Programmable directory codes (1-4 digits)
* Built-in time clock
* "Flash" entry codes
* Entry code time zones
* LED lighted keypad
* 2 relays for door / gate control
* Complies with UL 294; ETL Listed.
* 2 year limited factory warranty

1812 Classic Telephone Entry Intercom System Single Family or Small Business

DOORKING

1812 Plus Surface Mount

DK1812-081

9.25" H x 12" W x 4.5" D



The model 1812 is a unique telephone intercom system that allows homeowners to use their telephone as an intercom to speak to a guest at a front door or gate without the necessity to pay for an additional telephone line at their home. With it's "intercom mode" programming feature, the 1812 can also be connected to a PBX or KSU type system, making it ideal for small businesses to control access through a single door or gate. Visitors are easily identified by voice communication and can be granted or denied access directly from a touch-tone telephone. The 1812 is available in both surface and flush mount designs and includes the DKS auto-programming software for windows, allowing homeowners to program the system right from their computer. Optional Camera Available.

1812 Classic Flush Mount



Outdoor Use Ok

DK1812-087

9.25" H x 12" W x 4.5" D

* Connects directly to your existing phone line. By pass switch provided.
* EEPROM Memory.
* Stores up to 3 call forwarding numbers.
* Full duplex communication.
* 50, 4-digit entry codes.
* 24 VAC, 20 VA (250 ma) power transformer provided.
* FCC (US): DUF6VT-12874-OT-0.
* PC Programmable.
* Call waiting.
* Call forwarding.
* LED lighted keypad.
* 2 relays for door / gate control.
* Complies with UL 294; ETL listed.

1812 Plus Telephone Entry Intercom System Single Family or Small Business

DOORKING

1812 Plus Surface Mount

DK1812-089

6.25" H x 10" W x 5.25" D



The 1812 Plus is a unique communication and access control system that allows homeowners to use their existing telephone as an intercom to speak with a guest at a door or gate and is ideal for those applications requiring a basic, single door or gate, access control solution. Wt. 5 lbs. *Optional Camera Available.*

1812 Plus Flush Mount



Outdoor Use Ok

DK1812-091

9.25" H x 12" W x 4.5" D

* Connects directly to your existing C.O. (Central Office) phone line.
* Unique double ring identifies calls from the 1812.
* Two relays allow control of two doors or gates.
* Answer machine bypass from an off site location and "by-pass" a home answering machine to perform programming operations.
* Built-in call waiting so calls from the access system are never missed – even if you're on the phone.
* Call forwarding – never miss an access system call, even if you're away from your home.
* Dial-out function provides up to 27 alternate phone numbers for the system to call.
* Do-not-disturb feature.
* Program up to four "hold-open" time zones to keep your door or gate open during certain times of the day.
* Program up to 50 individual five (5) digit entry codes.
* Program up to 10 temporary entry codes with start and end dates and time zone restrictions.
* Special intercom programming mode allows the 1812 to be connected directly to a PBX or KSU phone system.

1812 Access Plus Telephone Entry Intercom System Single Family or Small Business

DOORKING

1812 Access+ Surface Mount

DK1812-090

6.25" H x 10" W x 5.25" D



The 1812 Access Plus includes all of the features found in the 1812 Plus and is designed for larger homes that require control of a main door or gate and up to six additional access points. Discerning homeowners will appreciate the additional programming, reporting and advanced features found in the 1812 Access Plus system. Wt. 5 lbs. *Optional Camera Available.*

1812 Access+ Flush Mount



Outdoor Use Ok

DK1812-092

9.25" H x 12" W x 4.5" D

* IP Addressable – uses TCP/IP communication to program the system from your PC via LAN/WAN or an Internet connection.
* Program from your PC. Intuitive, easy to use, Windows based software program included.
* Two relays on the main board control a door and gate, plus control up to six (6) additional access points with card readers, keypads or RF controls via RS-485 communication.
* 100 card/transmitter/keypad codes (50 with phone numbers; 50 access codes only).
* Control all access points from your PC. Schedule lock and unlock times and easily lock or unlock an access point with the click of your mouse.
* 500 event transaction buffer can be downloaded to your PC and provides you with a record of all events at the access point(s).
* Setup email notification of certain events of your choice. For example, an email can be sent to you when a certain access code is used.
* Dial-out function provides up to 27 alternate phone numbers for the system to call.

TAC1 Single Line Telephone Access Control For Single Family

CHAMBERLAIN LiftMaster

LMTAC1

7.5" H. x 11" W. x 6.5" D.



The TAC1 provides wired communication and secure access control at the gate or door. Homeowners can use any touch-tone phone in their home to speak to a visitor, and then grant or deny access through their gate or door. Hardwired for power and connected directly to the existing telephone line, the TAC1 greets visitors with a highly visible, backlit keypad, and attractive styling. And its rugged, tamper-resistant poly carbonate enclosure is engineered for maximum impact resistance without dents or corrosion. Utilizing Security+® technology, the TAC1 can deliver complete independent wireless control of two entrances when paired with LiftMaster® Door or Gate Access Systems, or a LiftMaster Security+ receiver. This means that even if a vandal should break into the TAC1 enclosure, it is impossible for them to command the gate or door to open. Wt. 8 lbs.

* Call button: separate usef-friendly push button initiates a phone call to the resident
* Digital voice quality: provides automatic sound leveling and background noise filtering for clearer communication
* Distinctive ringing: distinguishes between a standard phone call and a visitor request call
* Call waiting: allows you to answer a call from the gate/door while in the middle of another outside call
* Call forwarding: allows you to greet a visitor, even when you're not home
* Remote open: open two entrances independently from your home or office
* "Party" mode: to open, and hold your entrance open
* "Vacation" mode: locks the system down to administrator control only
* "Intercom" mode: useful to make wired phones active for access in "cellular only" homes
* Do not disturb: silence the telephone call mode for additional privacy
* Entry codes: up to 200 4-digit codes can be set as permanent or one-time-use-only
* Security+ Rolling Code Technology: provides seamless communication between LiftMaster door and gate openers
* Flexible dual control feature: unit may be connected to two devices, such as a door or gate
* 1-year warranty

Linear RE-1 Telephone Entry System Residential ~ Light Commercial



The Model RE-1N Residential Telephone Entry System is designed for residential or light commercial access control applications. The speaker-phone, keypad, radio receiver, and optional video camera are housed in a rugged enclosure that can be mounted to a pedestal or bolted directly to a wall. The die cast keypad keys have bright, easy-to-read graphics and are lit with an overhead light. The two operation buttons; CALL and HELP, are machined for heavy-duty reliability. Wt. 8.6 lbs.

6.45" W x 10.81" H x 3.74" D

LinearACCESS

LINRE-1N



* Dramatic Contemporary Styling
* Cast Housing; Nickel finish
* Downlighting
* Voice Prompts, User Friendly, Owner Friendly
* Two Programmable Outputs Control Two Openings
* Obstacle Reverse, Alarm Shunt
* Optional Low Light CCTV Camera Kit (Model RE-BWC1)
* Provisions for Knox Box
* Simple to Program and Maintain through On Board Keypad, Touchtone Telephone, or Computer with Modem
* 450 Event Memory Log
* Supports 100 Entry Codes
* Supports 100 Block-Coded Transmitters
* Applications include Single Residence, Commercial Sites, Employee Parking
* Built-in superheterodyne radio receiver
* Mega Code format
* Operating Frequency: 318 MHz
* Backup battery ready
* 2 year limited factory warranty

Linear RE-2 Telephone Entry System Residential ~ Light Commercial

The Model RE-2N Residential Telephone Entry System is designed for residential or light commercial access control applications. The speaker-phone, keypad, radio receiver, and optional color video camera are housed in a rugged enclosure that can be mounted to a pedestal, bolted directly to a wall, or mounted recessed in a wall with the optional trim ring. The die-cast keypad keys have bright, easy-to-read graphics and are lit with overhead lights. The two operation buttons; CALL and HELP, are machined for heavy-duty reliability. Wt. 8.6 lbs.



LinearACCESS



LINRE-2N

10" W x 6-1/8" H x 4" D

Optional nickel finish trim ring for flush mounting the RE-2N telephone entry system.
Use Trim Ring: P/N ACP00915

* Cast Housing; Nickel finish
* Downlighting
* Voice Prompts, User Friendly, Owner Friendly
* Two Programmable Outputs Control Two Openings
* Obstacle Reverse, Alarm Shunt
* Optional Color CCTV Camera Kit (Model CCM-2)
* Provisions for Knox Box
* Simple to Program and Maintain through On Board Keypad, Touchtone Telephone, or Computer with Modem
* 450 Event Memory Log
* Supports 100 Entry Codes
* Supports 100 Block-Coded Transmitters
* Applications Include Single Residence, or Commercial Sites.
* Built-in superheterodyne radio receiver Mega Code format
* Operating Frequency: 318 MHz
* Backup battery ready
* 2 year limited factory warranty

ENFORCER

DP-222Q Color Video Door Phone

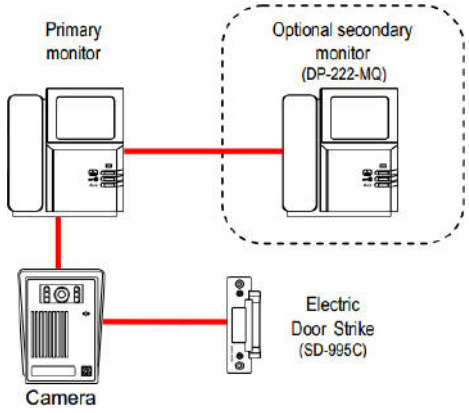
For Home or Business Use



ENFDP-222Q

The ENFORCER Color Video Door Phone displays an image of the visitor in real time on the phone's monitor, while a built-in microphone and speaker on the camera unit let users communicate with visitors. Authorized visitors can be granted entry with the push of a single button from inside the protected premises.

* For home or business use.
* Simple 2-wire connection.
* Camera has 6 LEDs for nighttime operation.
* Remotely and securely talk to visitors.
* Unlock doors, gates, etc. from the monitor (requires additional hardware such as a door strike or an electromagnetic lock).
* High-quality TFT-LCD monitor.
* Easily connect a secondary monitor DP-222-MQ (sold separately).
* Built-in microphone.
* Adjustable contrast, brightness, and ringer volume.
* Includes power supply, cable, and mounting accessories.



CAMERA	
Type	Color Camera
Chip	CCD
Resolution	420 TV lines
Relay output	1A @12VDC max. Dry contact
Lens	3.6 mm
Weight	11 oz.
Dimensions	5-1/4" x 3-9/16" x 1 3/8"

MONITOR	
Display	TFT-LCD
Weight	1 lb. 7 oz.
Power consumption	440mA max.
Power source	17VDC
Dimensions	7-5/8" x 8-1/2" x 1 13/16"

1503 Surface Mount Digital Keypad

Single Family or Small Business

DOORKING

DK1503-081

2 Codes
6.25"H x 5.25"W x 4.375"D.



The DKS 1503 digital keypads provides access control for virtually any application where digital code entry is desired and they are available for stand-alone applications or for connection to an access controller. These vandal resistant keypads use stainless steel faceplates, galvanized steel sub-plates and are housed in a rugged steel cabinet. Wt. 8 lbs.



Non-Lighted Unit

DK1503-080

5.375"H x 4.5"W x 5.25"D.

* Stores two 4-digit entry codes, two 5-digit entry codes and two 4-digit hold codes.
* Single Form C dry contact relay.
* Operates on 12 to 24 volt AC or DC power.
* Ideal for controlling doors or gates.
* Add or delete individual codes from the key pad.
* "Hold" code to latch open a door or gate.
* EEPROM Memory.
* LED Lighting (lighted units only).
* 2 year limited factory warranty

1506 Surface Mount Digital Keypad

Single Family or Small Business



Surface Mount

DK1506-080

10 Codes
6.25"H x 5.25"W x 4.375"D

DOORKING



Lighted Keypads



Programmable



Flush Mount
1506 Available

8.375"H x 7.125"W x 4"D

The DKS 1506 digital keypads provides access control for virtually any application where digital code entry is desired and they are available for stand-alone applications or for connection to an access controller. These vandal resistant keypads use stainless steel faceplates, galvanized steel sub-plates and are housed in a rugged steel cabinet. The 1506 series keypads are surface mounted. Flush mount available. Wt. 8 lbs.

DK1506-082	With - **50 Codes**
DK1506-083	With - **100 Codes**
DK1506-084	With - **250 Codes**
DK1506-085	With - **500 Codes**
DK1506-086	With - **1000 Codes**

* 4-digit entry code memory: 50, 100, 250, 500, 1000 (select one).
* Six 5-digit entry codes.
* Two Form C dry contact relays.
* Time zone inputs.
* Secondary keypad capability.
* Operates on 16 volt AC power.
* Ideal for controlling doors or gates.
* Add or delete individual codes from the key pad.
* "Hold" codes to latch open a door or gate.
* EEPROM Memory.
* LED Lighting
* 2 year limited factory warranty

Access Gate Controls & Accessories

Enforcer Heavy Duty Stand Alone Surface Mount Keypad

Residential ~ Light Commercial



ENFORCER

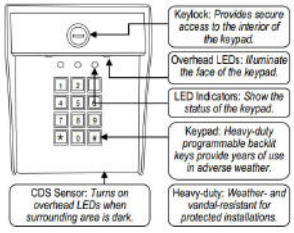
Rugged Construction.
Up to 210 users.
Two Form C relays rated 12A@14VDC.
12~24 VAC/VDC operation.
Wt. 4 lbs

ENFSK-3523-SDQ

5" W. x 6-1/2" H. x 4-3/8" D.

* Rugged construction: Heavy-duty stainless-steel faceplate with a coated steel backing.
* Code flexibility: Codes can be four or five digits long.
* Dual voltage: 12~24 VAC/VDC operation.
* Two Form C relays rated 12A@14VDC.
* Door sensing input allows for anti-tailgating operation.
* Overhead LEDs and programmable backlit keys for easy use in the dark.
* Each relay output can be set from 1~99 seconds or toggle.
* Wrong code lockout: After three wrong codes are entered, the keypad will go into lockdown for 55 seconds.
* Tamper switch: N.C. dry contact, 3A@125/250 VAC.
* Egress / pushbutton input.

Overview:



Enforcer Stand Alone Surface Mount Keypad

Residential ~ Light Commercial



ENFORCER

Weather-Resistant
Rugged, Illuminated
Stand-Alone Keypad
110 Users, 4-8 digit codes
2 relay outputs, backlit keys, surface mount.
Wt. 1.2 lbs

ENFSK-1123-SQ 3-1/8" W. x 4-15/16" H. x 2" D.

* 2 relays: 5A@28VDC Form C, N.O./COM/N.C.
  1A@28VDC Form C, N.O./COM/N.C.
* Each relay can be programmed for momentary (1-999 seconds) or latch.
* Egress input for exiting the protected premises.
* Dual voltage: 12~24 VDC/VAC operation.
* Lifetime limited warranty.
* Tamper switch: N.C. dry contact 3A@12VDC.
* All features are programmed directly from the keypad: No need for an external programmer.
* Duress output: signals a silent alarm if an authorized user is forced to open the door under duress.
* Door-forced-open alarm output.
* Door-propped-open alarm output.
* Keypad can be programmed to emit beeps for key presses or operate in silent mode.
* EEPROM memory protects programmed information in case of power loss.
* Auto or manual code entry checking:
  -- Auto: No # key required after each code.
  -- Manual: # key must be pressed after every code.

Enforcer Stand Alone Flush Mount Keypad

Residential ~ Light Commercial



ENFORCER

Weather-Resistant
Rugged, Illuminated
Stand-Alone Keypad
110 Users, 4-8 digit codes
2 relay outputs, Backlit keys,
Flush Mount.
Wt. 0.90 lb.

ENFSK-1123-FQ 3" W. x 4-3/4" H. x 2" D.

* 2 relays: 5A@28VDC Form C, N.O./COM/N.C.
  1A@28VDC Form C, N.O./COM/N.C.
* Each relay can be programmed for momentary (1-999 seconds) or latch.
* Egress input for exiting the protected premises.
* Dual voltage: 12~24 VDC/VAC operation.
* Lifetime limited warranty.
* Tamper switch: N.C. dry contact 3A@12VDC.
* All features are programmed directly from the keypad: No need for an external programmer.
* Duress output: signals a silent alarm if an authorized user is forced to open the door under duress.
* Door-forced-open alarm output.
* Door-propped-open alarm output.
* Keypad can be programmed to emit beeps for key presses or operate in silent mode.
* EEPROM memory protects programmed information in case of power loss.
* Auto or manual code entry checking:
  -- Auto: No # key required after each code.
  -- Manual: # key must be pressed after every code.

Linear AK-11 Surface Mount Digital Keypad

Residential ~ Light Commercial

The Model AK-11 exterior keypad is housed in a rugged cast aluminum enclosure that can be post mounted or bolted directly to a wall. The die-cast keys have bright, easy-to-read yellow graphics. Up to 480 entry codes, from 1 to 6 digits in length, can be programmed. They can activate either, or both, of the relay outputs. Relay #1 has a 5 Amp capacity. Relay #2 has a 1 Amp capacity. The relays can be set for timed or latch-on/latch-off toggle operation per each individual entry code. Wt. 2.5 lbs.





LINAK-11 4" W x 5-1/2" H x 3" D

* Four independent outputs and timers: two form C re lays and two solid-state open collector outputs with unique programming per entry code.
* Two LED indicators show system status.
* Key operating features include: door sense input; inhibit input; request-to-exit input; alarm shunt output; timed anti-passback; and keypad lockout.
* Programmable courtesy light illuminates keypad for 1, 2, 3, or 4 minutes, or always on.
* Tactile and audible feedback.
* Keylock secures keypad to mounting backplate.
* 1 year limited factory warranty.

LinearACCESS

Linear AK-2W Flush Mount Digital Keypad

Residential ~ Light Commercial

The Model AK-21W Weather-resistant keypad is housed in a rugged, plastic enclosure and is designed to be mounted in a standard single-gang electrical box. The die-cast keys have bright, easy-to-read yellow graphics. Up to 480 entry codes, from 1 to 6 digits in length, can be programmed. They can activate either, or both, of the relay outputs. Relay #1 has a 5 Amp capacity. Relay #2 has a 1 Amp capacity. The relays can be set for timed or latch-on/latch-off toggle operation per each individual entry code. Wt. 2 lbs.



Mounted in a Single-Gang Electrical Box



Side View

LINAK-21W 3" W x 5" H x 3" D

* Designed for outdoor applications.
* Mounts in a single gang electrical box using security screws; tool included.
* Four independent outputs and timers: two form C relays and two solid-state open collector outputs with unique programming per entry code.
* Two LED indicators show system status.
* Key operating features include: door sense input; inhibit input; request-to-exit input; alarm shunt output; timed anti-passback; and keypad lockout.
* Built-in LED courtesy lights.
* Tactile and audible feedback.
* 1 year limited factory warranty.

LinearACCESS

Advantage DKLP Digital Keypad Low Power

Residential ~ Light Commercial



Designed to be used with a solar gate operator or a LOW POWER application. Power consumption under 20uA, and a 100 code configurations. Non-volatile memory is standard.

AAS American Access Systems, Inc.

AAS19-100 5.25" H x 4.75" W x 4.50" D

Surface Mount & Non-Lighted

Relay Specs:
DC Load AC Load
Contact Rating 2A @ 30V .5A @ 120V
Max. switching voltage 125V 125V
Max. carrying current 2A 2A
Max. switching power 24W 60VA

Features:
- Programmable four digit codes available: 100
- Programmable Personal Master Code
- Variable relay output time: 1 - 9 seconds
- Audible tone
- Non-volatile memory
- Power consumption: 20UA @ 12VDC in idle mode
- Limited two year warranty

LiftMaster Universal Wireless Keypad
Programmable Digital Keyless Entry



Features:
* Slide-up weatherproof cover.
* 9V Battery (included).
* Simple programming
* 1 year warranty.

Manufacturer & Frequency Compatibility:
* Chamberlain 390 MHz Rolling Code.
* Chamberlain 315 MHz Rolling Code.
* Chamberlain 390 MHz Billion Code.
* Chamberlain 390 MHz Dip Switch. (7, 8 and 9 position).
* Genie 390 MHz Rolling Code (Intellicode).
* Genie 315 MHz Rolling Code (Intellicode).
* Genie 390 MHz Dip Switch. (9 and 12 position).
* Linear 300 MHz MultiCode.
* Linear 300 MHz MultiCode.
* Moore-O-Matic 310 MHz.
* Stanley 310 MHz Rolling Code (SecureCode).
* Stanley 310 MHz Rolling Code (10 Position).
* Wayne-Dalton.

LM387LM

5-15/16" H. x 2-1/2" W. X 1-1/8" D.
Wt. 1 lb.

LiftMaster Wireless Keypad
Programmable Digital Keyless Entry

Open or close your garage door without using a remote control or key. The LiftMaster® Wireless Keyless Entry System can open the door using a private 4-digit code you program directly into the unit. You can also program it with temporary access codes for visitors



Compatible with 315MHz & 390 MHz

* Security+2.0™ and Security+® rolling code technology assures a new code is sent every time the keypad is used and virtually eliminates interference.
* Temporary password option enables visitors or delivery and ser vice personnel to enter the garage without giving them your personal code.
* Completely wireless – powered by one 9-volt battery (included)
* Weatherproof flip-up protective cover
* Backlit keypad makes numbers easy to see, even in the dark.
* One-button-to-close feature makes it easier than ever to close your garage door (works with all LiftMaster® garage door openers manufactured since 2006)
* Compatible with all LiftMaster® garage door openers manufactured since January 1993

LM877MAX

5-15/16" H. x 2-1/2" W. X 1" D.
Wt. 1 lb.

MultiCode Wireless Keypad
Programmable Digital Keyless



300 MHz
6-1/4" H. x 2-5/8" W. X 1" D.
Wt. 1 lb.

* 300 MHz Frequency Gate or Garage Door Opener Key-pad.
* 10 Dip Switches, single channel, will operate one device.
* Easy installation, mounts with just two screws, instructions included.
* Back light keypad for night time. Visibility (25 sec.).
* Weather proof casing.
* 4 Digit Alpha/Numeric Codes.
* Powered by a 9 volt battery included.
* 18 Month limited factory warranty.

4200

Linear Delta3 Wireless Keypad
Programmable Digital Keyless



310 MHz
7-1/2" H. x 2-1/2" W. X .875" D.
Wt. 1 lb.

* Compatible with ALL Delta3 system Products.
* 310 MHz frequency, 8 dip switches.
* The Delta3 radio format provides 256 different codes.
* Compatible with models DT, DTC, DT2A, DT4A, LB.
* Keypad has a backlight for night time operation and has a cover to protect against the elements.
* 9-volt battery included.
* Activates multiple Delta3 receivers.
* Mounting hardware supplied.
* 1 year limited factory warranty.

LINDTKP

Genie Intellicode Wireless Keypad
Programmable Digital Keyless



390 MHz
6-3/4" H. x 2-1/2" W. x 1-1/8" D.
Wt. 1 lb.

* 8 Digits pin numbers.
* Lighted Keypad.
* Programming is retained during a battery change.
* 3 incorrect PIN entries the keypad will shut off.
* This keypad will operate up to three (3) doors, 390 MHZ Frequency with code rotating. Intellicode format.
* Compatible with all Genie Intellicode Series II garage door openers.
* The Genie keypad model GWKIC offers secure garage entry without using a remote control.
* Convenient if you leave without a remote or to give access to guests, family...etc.

GENGWKIC

LiftMaster Wireless Access Gate Control Surface Mount Digital Keypad



Compatible With LiftMaster Radio Receiver 315 MHz

Wireless Keypad - 5 Code

The WKP5LM Wireless Keypad is simple to install and simple to use, and offer the best that the industry has to offer. The WKP5LM is the 5-code version, and the WKP250LM3 is the 250-code version (*250 code can be special ordered*). These units combine the simplicity of wireless installation with the robust feature sets of higher priced keypad controllers.

LMWKP5LM

4-3/8" W. x 5-3/8" H. x 4-5/16" D.
Wt. 5 lbs.

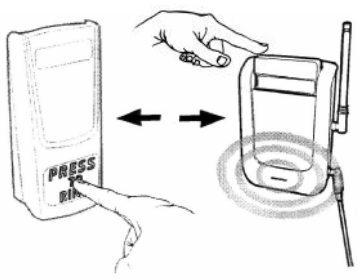
For use On 1 Gate or Door

* Up to 500-foot range
* Operates for 2 years on four AA batteries
* Secure digital encryption
* Audible confirmation
* Night-light on motion
* Immune from lightning strikes
* Pedestal or surface mount
* Error Lockout: after 7 wrong codes, the unit will lock out for five minutes
* "One-Shot" Codes: single-use codes for visitors (WKP5LM has 5)
* "Party" Mode: holds gate or door open indefinitely for guests
* 1 year warranty

Wireless GateBell Keypad

The new WGB315 Wireless Gatebell Keypad is used to open a gate or door, allowing accepted visitors to enter the premises. The wireless keypad can be mounted anywhere outside for visitor access, and the base station with remote control can be placed in any convenient location within the home or business. When the audible visitor notification is received from the base station, the property owner simply presses the remote control to grant the visitor access. Compatible with LiftMaster®, Elite Gate Operators and Commercial Door Operators with a 315 MHz radio receiver. It is perfect for single family residences and basic commercial applications.
Wt. 2 lbs.

*Completely wireless *One-step programming *Expandable to include multiple base stations *Temporary password option *4-digit coding for visitor/tenant access *Backlit keypad *1 Wireless Keypad per gate or commercial door.





LMWGB315

DoorKing 1520 Card Reader

Stand Alone Door / Gate Control

The model 1520 proximity card reader/access controller provides users with a single door stand-alone access control system in a small compact package which is easy to program with the built-in programming keypad. The 1520 is available with an AWID, DKS, or HID proximity card reader. Wt. 8 lbs. 2 year limited factory warranty. Can be post mounted. 16 VAC, 20 VA power transformer supplied. Wt. 8 lbs.



7.13" H. x 5.25" W. X 4.75" D.

DKS DOORKING

Part #	Step 1 Choose a Reader	Step 2 Choose Max. Codes	Step 3 Clamshell Cards *(In Lots of 50)*
DK1520-080	AWID Reader		
DK1520-082	HID Reader		
DK1520-040		125 codes	
DK1520-041		500 codes	
DK1520-042		1000 codes	
DK1508-020			AWID Cards
DK1508-018			HID Cards
DK1508-048	Serial Printer to provide activity reports		

KPR2000 Single Entry Access Control Keypad and Proximity Reader

The KPR2000 is a feature-rich Keypad and proximity card reader access controller that is simple to install and looks great, making it an excellent choice for both residential and commercial applications. A secure and vandal-resistant enclosure with a gray powder coated finish creates an upscale and stylish appearance. Cool blue backlighting of the keys assures day or night visibility. The KPR2000 supports a maximum of 2,000 users in multiple access configurations (Card Only, Card or 4 to 8 Digit PIN, or Card + PIN). Supports industry standard 26-bit Wiegand proximity card format, but can also be programmed to communicate with 26-34-bit Wiegand input/control devices.



3.2" W. x 5" H. x 1.1" D. Wt 1.3 lbs.

LMKPR2000

* Operating Voltage : 12-24VDC
* Read Range - Proximity: 1 inch - 2.5 inch.
* Relay Timer: 1-99 seconds.
* Alarm Timer: 1-3 minutes.
* Stand-alone or Wiegand pass-through.
* 2,000 users maximum: card, PIN, card and PIN.
* Multi-color LED status display and backlit keypad.
* Advanced programming features including block enrollment and adjustable relay output time.
* 10 panic card/PIN access codes (opens the entry and sets the alarm), also includes anti-tamper alarm.
* Integrated alarm buzzer & output.
* One programmable relay output.
* Latch made to hold door/gate open.
* Program cards included for rapid programming.

CHAMBERLAIN LiftMaster

Accessories



PS12D2A Power Supply 12VDC, 2 Amp with Screw terminals



SNACPKH3-2 Proximity Cards Clamshell Sleaves of 50



PEDAD - Pedestal Flange Adapter Features a low-profile design. Pre-drilled for quick and easy installation of LiftMaster Stan-alone devices. Corrosion resistant, welded, power coated steel construction.

LiftMaster Internet Gateway MyQ™ Enabled Accessory

This revolutionary new accessory features built-in MyQ® technology that connects to the Internet and allows you to monitor and operate your garage door opener or gate operator, or turn on or off lights in or around your home, from anywhere in the world by using your smartphone or computer. It utilizes a two-way communication system that puts freedom and control in your hands.



LM828LM

4-1/4" L. X 2-1/4" W. X 1" D. - Wt. 0.25 lb.

* Control and monitor your garage door opener, gate operator, house lights and other LiftMaster® MyQ® enabled accessories using a smartphone or computer.
* Easy and fast installation through your in-home router
* No Annual activation fee
* Compatible only with the following LiftMaster® products: LiftMaster® Security+2.0™ garage door openers with a yellow learn button (models 8500, 8550 and 8360), LiftMaster® Security+2.0™ gate operators (models CSW24V, CSL24V or LA500), MyQ® Control Panel (model 888LM) and related MyQ® accessories (823LM, 825LM and 829LM).

LiftMaster Garage and Gate Monitor MyQ™ Enabled Accessory

Now you won't have to go downstairs or outside to see if you accidentally left the garage door or gate open. With the LiftMaster® Garage and Gate Monitor, you can check and close the garage door or gate from any room in the house.



LM829LM

* MyQ® enabled technology allows you to monitor and close up to four garage doors or gates from any room in the house.
* Green and red LEDs indicate whether the garage door or gate is open or closed.
* Volume-controlled audible alert lets you know when the garage door is being opened.
* Fast, easy installation.
* Compatible only with LiftMaster® Security+2.0™ garage door openers (models 8550 or 8360) or gate operators (models CSW24V, CSL24V or LA500).

LiftMaster Remote Light Control MyQ™ Enabled Accessory

Lights on. Lights off. The LiftMaster® Remote Light Control lets you control your home lighting in three ways: with your garage door opener remote control, your garage door opener (it mimics the garage door opener work lights), or from your smartphone or computer via the LiftMaster® Internet Gateway accessory.



LM825LM

* Operate any lamp using your garage door opener remote control, or via the LiftMaster® Internet Gateway using your smartphone or computer.
* Expand lighting in your garage to work with the garage door opener work lights by programming directly into your garage door opener.
* Control plugs into any interior wall outlet.
* Can be used with any lamp that utilizes incandescent, fluorescent or LED light bulbs up to 600 watts maximum.
* Compatible only with LiftMaster® Security+2.0™ garage door openers, Security+2.0™ remote controls and accessories enabled by MyQ® technology.

LiftMaster Remote Light Switch MyQ™ Enabled Accessory

Now you can control your house lights at the touch of a button. The LiftMaster® Remote Light Switch replaces any single light switch, allowing control of the lights remotely via the LiftMaster® Internet Gateway or garage door opener remote control.



Wall Plate Not Included

LM823LM

* Replaces a single light switch to control lights remotely.
* Turn on lights in the garage, yard or home using the garage door opener remote control.
* Use with the LiftMaster® Internet Gateway to control lights from a smart phone or computer.
* Compatible only with LiftMaster® Security+2.0™ garage door openers, Security+2.0™ remote controls, and accessories enabled by MyQ® technology.
* Wall plate not included.

DoorKing 1206 Face Plate Key Switch

Indoor Only - Residential ~ Commercial



DK1206-080

The DKS 1206 key switches provides access control for virtually any application where simple key switch entry control is desired. These key switches use stainless steel faceplates. The 1206 is designed for indoor applications and mounts in a single-gang electrical box. Wt. 2 lbs.

Specifications:

* Mortise type key cylinder.
* Normally Open / Normally Closed switch contacts (field selectable).
* Mounts into a single-gang electrical box.
* Dimensions: 4" H. x 2.875" W.
* 2 year limited factory warranty

DoorKing 1207 Surface Mount Key Switch

Indoor Only - Residential ~ Commercial

The DKS 1207 series family of key switches provides access control for virtually any application where simple key switch entry control is desired. These vandal resistant key switches (except 1206) use stainless steel faceplates, galvanized steel sub-plates and are housed in a rugged steel cabinet. Wt. 4 lbs.



DK1207-080

Specifications:

* Mortise type key cylinder.
* Normally Open / Normally Closed switch contacts (field selectable).
* Dimensions: 5.5" H. x 4.5" W. x 5.5" D.
* 2 year limited factory warranty

CHAMBERLAIN LiftMaster

LiftMaster® Brand Transmitters & Receivers

SECURITY +


LM300MC


LM312HM & LM412HM


LM365LM


LM371LM


LM375LM


LM372LM


LM374LM


LM373LM


LM971LM


LM972LM


LM973LM


LM974LM

Part	Description	Switches	Freq.	Wt.
LM300MC	Single Button Transmitter (Multi-Code Compatible)	10	300	0.25 lb.
LM312HM	12/24 Volt High Memory Universal Coaxial Receiver	None	315	0.50 lb.
LM365LM	115 Volt Plug-in Universal Radio Receiver (Sec. +)	None	315	0.55 lb.
LM371LM	Single Button Transmitter (Sec. +) use 312HM Receiver	None	315	0.25 lb.
LM372LM	Double Button Transmitter (Sec.+) use 312HM Receiver	None	315	0.25 lb.
LM373LM	Three Button Transmitter (Sec. +) use 312HM Receiver	None	315	0.25 lb.
LM374LM	Four Button Transmitter (Sec. +) use 312HM Receiver	None	315	0.25 lb.
LM375LM	Two Button Universal Transmitter Compatible with the following brands MultiCode®, Genie®, Linear/Moore-o-Matic®, Stanley®, Overhead Door®, Wayne-Dalton®, Craftsman®, Chamberlain®, LiftMaster®. use 850LM, 312HM & 412HM Rec.	Yes	300, 310, 315, 372, 390 MHz	0.25 lb.
LM412HM	12/24 Volt High Memory Universal Coaxial Receiver	None	390	0.50 lb.
LM811LM	Single Button Transmitter (Sec. + 2.0) use 850LM Receiver	12	315,390	0.25 lb.
LM813LM	3 Button Transmitter (Sec. + 2.0) use 850LM Receiver	12	315,390	0.25 lb.
LM850LM	3 channel Universal Receiver (Sec. + 2.0)	None	310,315,390	2 lbs.
LM890MAX	3 Button Mini Transmitter (Sec. + 2.0) use 850LM, 312HM & 412HM Rec.	None	315,390	0.25 lb.
LM891LM	Single Button Transmitter (Sec. + 2.0) use 850LM Receiver	None	315,390	0.25 lb.
LM892LT	2 Button Transmitter (Sec. + 2.0 or Sec. +) use 850LM & 312HM Rec.	None	315,390	0.25 lb.
LM893MAX	3 Button Transmitter (Sec. + 2.0) use 850LM, 312HM & 412HM Rec.	None	315,390	0.25 lb.
LM894LT	4 Button Transmitter (Sec. + 2.0 or Sec +) use 850LM & 312HM Rec.	None	315,390	0.25 lb.
LM971LM	Single Button Transmitter (Sec. +) use 412HM Receiver	None	390	0.25 lb.
LM972LM	Double Button Transmitter (Sec.+) use 412HM Receiver	None	390	0.25 lb.
LM973LM	Three Button Transmitter (Sec. +) use 412HM Receiver	None	390	0.25 lb.
LM974LM	Four Button Transmitter (Sec. +) use 412HM Receiver	None	390	0.25 lb.

Security + 2.0


LM811LM


LM813LM


LM850LM


LM890MAX


LM891LM


LM892LT


LM893MAX


LM894LT

CHAMBERLAIN LiftMaster

STAR1000 Commercial Access Control Receiver

The LiftMaster® STAR1000 Receiver with Security+ 2.0™ technology represents the next generation of LiftMaster radio access controls that delivers 2x the range and greater transmitter capacity. The STAR1000 allows the management of multiple access points, like gate and parking application remote control needs. Its individual and bulk programming process simplifies the coding of large quantities of remote controls.



High Capacity Receiver to Manage Multiple Access Points

Full keypad programming with LCD screen

LMSTAR1000

4" W. X 6" H. X 1-1/2" D.
Wt. 0.75 lb.

* Security+ 2.0™ technology provides 2X the range of standard remote controls.
* Compatible with HomeLink Wireless Control System 1000 remote capacity to support large quantity remote control requirements.
* Single and block addition.
* Supports suspending and unsuspending of remote controls to withhold and reinstate access.
* Designed for outdoor environments.
* Duplicate memory module included that may be removed for programming additional receivers or for safe storage.
* Power: 9-30 VAC and 9-34 VDC.
* Relay output type: One form A relay contact. Common and normally open contacts.
* Compatible with LiftMaster Security+ 2.0™ remote controls and Passport remote controls, and Remote Antenna mounting Kit (model 86LM).
* 9" antenna included.
* 1-year warranty.

Seco-Larm Enforcer 1 Channel Receiver



ENFORCER

315 Mhz
Range 500 ft.
(Actual range may vary)
11-24 VAC/VDC
10A@24VDC relay output.

ENFSK-910RQ

Seco-Larm Enforcer Extended Range Antenna

Up to 1000 ft. range max. Extends the range of Seco-Larm RF receivers. Plugs into the receiver.



ENFSK-91ERSD ENFORCER

Seco-Larm Enforcer 1 Button Transmitter

315Mhz. Operates up to 500 ft. Over 68 billion possible codes.Includes 12VDC alkaline battery with handsome key chain ring.

ENFORCER



ENFSK-919TT1SBU

MULTI-CODE by Linear

The Multi-Code brand is preferred among so many installers of gate operators and systems, garage door operators, and commercial access control systems.



Multi-Code® Brand Access Devices Freq. 300 MHz

Part	Description	Switches	Freq.	Wt.
MINITRNS	Micro Single Button Transmitter	10	300	0.10 lb.
DBMINITRNS	Mini Double Button Transmitter	10	300	0.10 lb.
TRNS	Single Button Transmitter	10	300	0.25 lb.
DBTRNS	Double Button Transmitter	10	300	0.25 lb.
4BTRNS	Four Button Transmitter	10	300	0.25 lb.
REC12/24LR	Long Range 12/24 Volt Receiver	10	300	0.70 lb.
REC24	24 Volt Receiver	10	300	0.50 lb.
REC24HARNESS	Wiring Harness For 24V Receiver	N/A	N/A	0.10 lb.
RECANTLR	Antenna W/Coax For Long Range Receiver 15 ft Long	N/A	N/A	0.70 lb.

LinearACCESS

Our popular Delta 3 line offers 256 codes and a 310 MHz frequency, which is ideal for most sites.



Linear® "Delta 3" Brand Access Devices Freq. 310 MHz

Part	Description	Switch	Freq.	Wt.
LINMINI-T	Mini Single Button Transmitter	8	310	0.10 lb.
LINDT	Single Button Transmitter	8	310	0.25 lb.
LINDT-2A	Double Button Transmitter	8	310	0.25 lb.
LINDT-4A	Four Button Transmitter	8	310	0.25 lb.
LINGRD	Long Range 12/24 Volt Receiver W/Coax Connect & Small Antenna	8	310	0.70 lb.

Access Gate Controls & Accessories

GENIE® Brand Access Devices Freq. 390 MHz

All transmitters are self contained and include a battery. It is supplied with a clip for a sun visor. Approx. 50 ft range depending on battery strength.


GENGR390-12


GENMAT90


GENGT912


GENGPT90-3

Part #	Description	Switches	Freq.	Wt.
GENMAT90	Mini Single Button Transmitter	12	390	0.10 lb.
GENGT912	Single Button 9/12 Switch Transmitter	9/12	390	0.25 lb.
GENGPT90-3	Three Button Transmitter	12	390	0.25 lb.
GENGR390-12	24 Volt Receiver	12	390	0.50 lb.

GENIE Intellicode® Brand Access Devices Freq. 390 MHz

All transmitters are self contained and include a battery. It is supplied with a clip for a sun visor. Approx. 50 ft range depending on battery strength. The Genie Intellicode system changes access codes automatically after each use up to 4.3 billion code combinations available.


GEN36163R


GENGIT-3


GENGIT390-4

Part #	Description	Switches	Freq.	Wt.
GENGIT390-4	Mini Four Button Transmitter	None	390	0.10 lb.
GENGIT-3	Three Button Transmitter	None	390	0.25 lb.
GEN36163R	24 Volt Receiver	None	390	0.35 lb.

Miller Safety Edges For Sliding & Swinging Gates

Industrial ~ Commercial ~ Residential



Sliding Sensing Edge for Square Frame



The ME123 is designed for use on 1-1/2" to 2" thick square gates. Mounting channel not included. (Part # MILME123-C3, 5 Ft Long).
Uses: Gates, Commercial Doors, Grilles.
Configuration: 2 or 4 conductor; Pneumatic; Air-Wave.
Wire Outlet: Universal, End, Left or Right.
Color: Black

MILME123-2U-05

MillerEdge Single Entry Transmitter



MWTA02 Transmitter
Max. Distance: 50 ft
Power: 9 Volt Lithium Battery
Antenna: PCB Loop

MILMWTA02

Swinger Sensing Edge for Square Frame



The MGS20 is designed for use on 2" square gates. Three sided activation. No mounting channel needed. 5 ft Long (Standard Size)
Uses: Gates, Commercial Doors
Configuration: 2 or 4 conductor
Wire Outlet: End, Left or Right
Color: Black

MILMGS20-2U-05

MillerEdge Universal Receiver



MWR02 Receiver
Max. Distance: 50 ft
Power: 24V AC/DC
Antenna: Coax Rigid Wire

MILMWR02

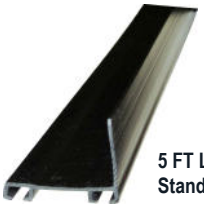
Swinger Sensing Edge for Round Frame



The MGR20 is designed for use on 2" round gates. Three sided activation. No mounting channel needed. 5 ft Long (Standard Size)
Uses: Chain Link Gates, Doors etc..
Configuration: 2 or 4 conductor
Wire Outlet: End, Left or Right
Color: Black

MILMGR20-2U-05

Channel For Slider Sensing Edge



5 FT Long
Standard Size

MILME123-C3

The "Communicator" Wireless Transmitter and Receiver Kit

The Miller Edge transmitter and receiver kit, is designed to provide a reliable, self checking communication between the 4 wire sensing edge and the gate operator.



MILMWRTA02A

Access Gate Controls & Accessories 17-13

LiftMaster Photo Cell
For 12 / 24 Volt Gate Operator Systems

The Safety Sensor Kit is compatible with LiftMaster Gate Access Systems CSL24V, CSW24V, LA500, LA412, LA400, LMRSL12V and the LMRSW12V. The Safety Sensors are designed to detect an obstacle in the path of the electronic beam and stop the gate operator. Wt. 2 lbs.



Minimum Installation Width 5 ft. Maximum Width 50 ft.

LMCPS-RPEN4GM

"Double Eye" Photo Cell
For 12 Volt Gate Operator Systems

The Safety Sensor Kit is compatible with LiftMaster Gate Access Systems LA412, LA412-S, LA100, the "NEW" LMRSL12V and the LMRSW12V. The Safety Sensors are designed to detect an obstacle in the path of the electronic beam and stop the gate operator. Wt. 2.5 lbs.



LM50-220

OMRON - Single Eye Heavy Duty Photo Cell
40 ft. Long-Range AC/DC Photoelectric Sensor, Retroreflective

Specifications:

* Features: Plug-in Re placeable outputs, Light-ON/Dark-ON switch selectable
* Light source: Infrared LED (950nm)
* Sensing distance: 40 ft
* Output type: DPDT 10 Amp at 240 VAC
* Wt. 3 lbs.



PHOTOCELLHD

EATON Photocell Sensor - Double or Single

Single Photocell With Reflector

Comes with a sensitivity adjustment, 3 LED status indicators. 6 ft - 5 conductor wire, mounting bracket with screws, and a 3" reflector. 30 ft range. Watertight package. No time delay. 24-240VAC, 12-240 VDC. UL325 rated. Wt. 1 lb.



PHOTOCELL

Double Photocell

Comes with a sensitivity adjustment, 3 LED status indicators. 6 ft - 5 conductor wire, mounting bracket with screws. 30 - 100 ft range. Watertight package. 24-240VAC, 12-240 VDC. UL325 rated. Includes 2 infrared emitters & brackets. 2 lbs.



PHOTOCELLDBL

MillerEdge IG-2 "INVISI-GUARD-2" Thru-Beam Photo Eye With Battery Powered Emitter

Invisi-Guard™ thru-beam photoelectric sensor is intended to detect the presence of an obstacle when the infrared light beam is interrupted. The system includes two independently housed units: a battery powered infrared emitter and a receiver that wires directly to your controls. The battery emitter saves time and money by eliminating the need to saw concrete or run wire across the opening. The built-in visual low battery indicator alerts users when it is time to replace batteries. Wt. 2 lbs.

Vertical or Horizontal Mounting

* Max. Range: 30 ft or 50 ft.
* Power Supply (Em):
  30 ft: 2 x 1.5V, 3Ah, AA Lithium
  50 ft: 2 x 3.6V, 2.4Ah, AA Lithium
* Power Supply (Rx): 8-30 V AC/DC, 50/60 Hz
* Battery Life: 1 year - 30 ft. , 9 Months - 50 ft.
* Low Battery Indicator Light
* Enclosure Dimensions: 5" L. x 2-5/8" W. x 1-5/8" D.
* Wall or Post Mounted
* ANSI/UL325 Certification
* **Nema 4 Enclosure**

UL325 Compliant



Receiver — Battery Powered Emitter

PHOTOCELLDBLBAT

Seco-Larm Enforcer
Photoelectric Beam Sensor with brackets

ENFORCER



35 ft. Max.

ENFE-931-S35RRQ

Type	NIR Retro-Reflective	
Sensing Range	0.5' to 35' (0.1 - 11m)	
Supply Voltage	12~240VDC or 24~240VAC	
Current Drain		Standby / Active
	12VDC	20mA / 40mA
	24VDC	10mA / 20mA
Output	SPDT Relay Output	
Switching Capacity	250VAC/1A, 30VDC/2A	
Enclosure	IP66 Waterproof	
Ambient Temp	-4°~131° F (-20°~55° C)	

PhotoCell Hood
To Fit The *EATON* Photo Sensor



3-3/4" Height
3-7/8" Wide
3" Deep -Top
2" Deep -Bottom
4 Mounting Holes - 3/16" Dia.
Gloss Black Finish

PHOTOCELLHOOD

Made to fit the EATON Photocell Sensor Single or Double See Above



Seco-Larm Enforcer Hood / Cover for Reflector
3-15/16" Dia. - Hood Extends 1-7/16"



Fits 1.97" x 2.36" Rec. or 3" Dia. Reflector

* Use with either circular or square reflectors.
* Protects reflector from dirt and reduces interference with IR beam.

ENFE-931ACC-HRQ

Access Gate Controls & Accessories

Triple Reflector 3" Dia.

Quality reflector with sturdy shields

2-3/8" Tall x 6-5/8" Wide - 3" Dia. Reflectors



Triple Reflector Good up to 30 ft.

REFLECTOR-3

3" Dia. White Reflector



3" Diameter Replacement Reflector

REFLECTOR

Offset Goose Neck for Access Control Devices



Surface Mount

Made from 2" x 2" x .120 ga
44" High, 13" Sweep, Wt. 11 lbs.
5" x 5" Base Plate With Cover
Powered Coated Black Finish

4" x 4"
Mounting Plate
For Access Device



GOOSENECK

Offset Goose Neck for Access Control Devices



Sub-Surface Mount
No Base Plate

Made from
2" x 2" x .120 ga.

72" High - 13" Sweep
Wt. 15 lbs.



GOOSENECKBURIAL

Fire Access Station for Knox Lock Key Switch

Designed to accept the Knox 3501 key switch used by Fire Departments throughout the country. The Fire Access station for Knox Lock Key Switch can be post mounted for easy access. Ample room inside for additional access control devices or keys. 14-gauge steel. Faceplate is painted bright red, enclosure is painted black. Lock boxes can be surface or post mount.



5.375" H x 4.5" W x 5.375" D
Wt. 5 lbs.

DK1401-080

Function: This model is designed to be used with a Knox Key switch. Please consult your local Fire Dept. for more details.

Fire Access Station Box with Micro Switch

Access door has a hole for a standard padlock and accepts Fire Department pad lock. Gate opens automatically when lock is removed and door is open. Holds gate open until door is closed and lock is replaced. Blank label inside door provides space for written instructions. 14-gauge steel painted bright red. Built-in micro-switch for gate/door activation. Lock boxes can be surface or post mount.



5.375" H x 4.5" W x 3.675" D
Wt. 5 lbs.

DK1400-080



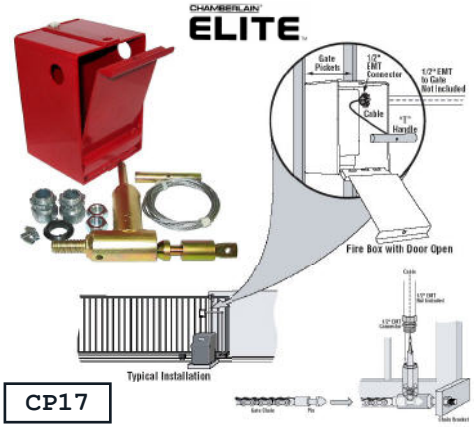
Micro switch mounted inside. Activates when door is opened.

Function: Secured with a padlock. The Micro Switch is activated when the padlock is removed and the front panel is opened.

Fire Release Box

(With Steel Cable Release)

CP-17 consists of a plated box, with doors on the front and back. The doors can be locked with your own padlock, or the Fire Dept's padlock. A steel cable with a T-handle runs from the box to the release mechanism at the rear end of the chain. When you pull the T-handle you release the chain. Wt. 5.5 lbs.



CP17



1402 Postal Lock Box

DKS Lock Boxes provide Postal Carriers access through automated gates or doors for postal personnel. The postal lock box accepts the standard postal key lock. Postal lock boxes do not include the postal key lock. These must be procured from the respective authority. Wt. 5 lbs.



* 14 gauge steel cabinet painted postal blue.
* Built-in switch for gate/door activation.
* Designed to accept standard postal key lock (not supplied).
* Dimensions: 6.5" H. x 5" W. x 2.375" D.

DK1402-080

Bommer U.S. Postal Aluminum Key Keeper

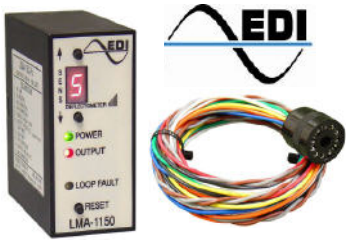


Height: 4-3/4"
Width: 6-3/8"
Depth: 1-3/4"
Finish: Aluminum
Wt. 1.25 lbs.

KYKP

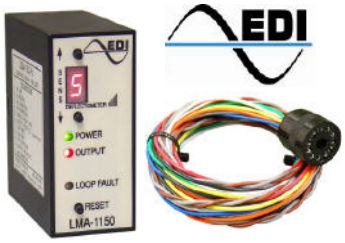
EDI LMA-1150 "DEFLECTOMETER" Series Enclosure / Box Type with Harness

Single channel with programmable single relay output. The DEFLECTOMETER™ display helps optimize the proper sensitivity setting to detect all vehicles including motorcycles. NO MORE GUESS WORK WHEN SETTING SENSITIVITY! Wt. 0.75 lb. The LMA-1150 Series offer two models to handle any input power requirement:
LMA-1150-LV(12Vdc, 24Vdc, & 24Vac) / LMA-1150-HV (120Vac to 240Vac)



EDILMA-1150-HV

120 / 240V AC (High Voltage) Loop Detector with Harness (Fail Safe)



EDILMA-1150-LV

12 / 24V AC/DC (Low Voltage) Loop Detector with Harness (Fail Safe)

EDI LMA-1500 "DEFLECTOMETER" Series Plug-in Type Vehicle Loop Detectors

The EDI Model LMA-1800 operates on 12 VDC, 24 VDC, and 24 VAC. The detector is designed to handle gate, parking, drive-through, and all access control applications where solid-state outputs are required for both the "detect and "fail" outputs. Wt. 0.25 lb.

The EDI Model LMA-1500-LP operates on 12VDC, 24 VDC, and 24 VAC, and is designed for low power requirements. The detector is designed to handle gate, parking, drive-through, and all access control applications where solid-state outputs are required for both the "detect and "fail" outputs. Wt. 0.25 lb.



Plug Compatible with the following Operators:
* Chamberlain/Elite SL3000, CSW200
* Advanced Access Automation CSL2000, CSW2000, RSW1000
* All-O-Matic SL100-DC, SL 150DC, OH 200DC, SW 300DC, SW350DC
* Intelligate Systems IQ500, IQ5000
* Linear (OSCO) SL & SW Series with APeX controller
* SECOM Late model operators with 10-pin Molex connectors
* Viking Access Models L-3, F-1, T-21, H-10, B-12, Q-4



EDILMA-1800

12VDC / 24V AC/DC (Low Voltage) (Fail Safe or Fail Secure Configuration)

EDILMA-1500-LP

12VDC / 24V AC/DC (Low Power Consumption) (Fail Safe or Fail Secure Configuration)

LiftMaster™ Plug-in Vehicle Loop Detector For Reverse (Safety) Center, & Exit Loops

LiftMaster plug-in loop detector includes 8 sensitivity settings, boost, for CSL24V, CSW24V, and LA 500 operators.



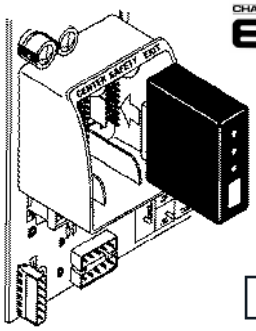
* Convenient plug-in design with finger grips.
* No cross-talk between LOOPDETLM loop detectors.
* 8 sensitivity settings.
* Boost switch for high-profile vehicles.
* 4 frequency options.
* Low power draw.
* Compatible with LiftMaster® gate operators having expansion boards and Security+2.0 radio technology.

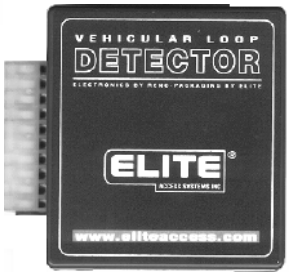
2-1/8" H. x 3/4" W. x 2" D. - Wt. 0.15 lb.

LMLOOPDETLM

ELITE™ Plug-in Vehicle Loop Detector For Reverse (Safety) Center, & Exit Loops

With Elite's proven design and integration technology, these component detectors will make installation and maintenance of loop detection systems simple. They are for use with the Elite commercial gate operators for Exit Loop, Center Loop, and Safety Loop, depending on the machine and application. Wt. 1 lb.





ELD

Diablo Control Vehicle Loop Detector Solar 12/24 Volt, 9V-220V & 117V AC

For Reverse (Safety) & Exit Loops with Harness

The DSP-10 vehicle detector can be used on entrance loops, safety loops, or free exit loops. Dual relay outputs, extension, delay, pulse on exit or entrance and the flexibility to be either "fail safe" / "fail secure".



LOOPDET

10-30 AC/DC - Wt. 2 lbs.

LOOPDET117V

117 Volts AC - Wt. 2 lbs.

A new low power "Fail-safe" vehicle detector that is perfect for solar powered safety loop installations. It is the low power version of our DSP-7 detector. It beats all competition for low current consumption. Less than 1mA without a vehicle and approximately 23mA with a car on the loop. Like the DSP-7, it operates on any voltage from 10 to 30 volts AC or DC.



LOOPDETSOLAR

10-30 VAC/VDC
Wt. 2 lbs.

DoorKing Plug-In Vehicle Loop Detector Single or Dual Channel

For Reverse (Safety) & Exit Loops

All DoorKing gate operators are designed with "ports" for our plug-in loop detectors **(DoorKing gate operators only)**. This simplifies installation and wiring. Both single channel and two channel detectors are available. Loops and loop detectors should be used on all gate operator installations to prevent the gate from closing on vehicular traffic. 2 year limited warranty



Single Channel Plug-in Loop Detector

DK9410-010

DOORKING

Two Channel Plug-in Loop Detector

DK9409-010



Viking Loop Rack & Plug-In 24V Vehicle Loop Detectors

For Reverse (Safety) & Exit Loops

This Loop Rack and Detector system are exclusively used with the Viking Access System Operators.



Loop Rack For Plug-in Loop Detectors

VIKLR

VIKING ACCESS SYSTEMS™



Plug-in Loop Detector
Wt. 2 lbs.

VIKDSP-40S

Access Gate Controls & Accessories

Direct Burial Preformed Loop

To be installed in a concrete pour, gravel road, under asphalt, and pavers



BD Loops
The Loop Experts!

Install the highest quality loop, save time and reduce service calls.

* 14 AWG loop wire designed for superior performance.
* Tested 3 ways with meg-ohm meter, inductance tester and live detector.
* Installation kit includes: cable ties, ground stakes, and loop lead-in labels.
* Easy to follow installation guide.
* Loop wire meets UL standard 493 for direct burial.
* MADE IN THE U.S.A.
* Pre-phased at factory for an easy hook-up.

Special Order Sizes Available

Driveway Width	Loop Size	Part #	Lead-in Wire	Wt.
8 to 11 ft	4' x 8' 24 ft Loop	PFL24	14 ga. x 60 ft.	4.5 lbs.
11.5 to 15 ft	6' x 10' 32 ft Loop	PFL32	14 ga. X 60 ft.	5.1 lbs.
15.5 to 18 ft	6' x 12' 36 ft Loop	PFL36	14 ga. x 60 ft.	5.5 lbs.
20 ft	6' x 16' 44 ft Loop	PFL44	14 ga x 60 ft.	?
24 ft	6' x 20' 52 ft Loop	PFL52	14 ga x 60 ft.	?

3/16" Preformed Saw Cut Loops



BD Loops
The Loop Experts!

The saw-cut loop has a built in backer-rod securely fitting a 3/16" saw-cut groove eliminating the need to apply backer-rod to hold the loop to the bottom of the saw-cut groove and requires 30-40% less loop sealant to seal the groove.

* For installation in asphalt or concrete in a 3/16 saw-cut groove.
* 16 AWG loop wire design for superior performance.
* Tested 3 ways at the factory to insure performance.
* Easy to follow installation instructions.
* Built in backer rod and three levels of insulation to protect against failure.
* Pre-phased and color coded at factory for easy installation.
* No need to make 2nd saw-cut for lead-in. Lead-in and loop jacket are the same size.
* MADE IN THE U.S.A.

Special Order Sizes Available

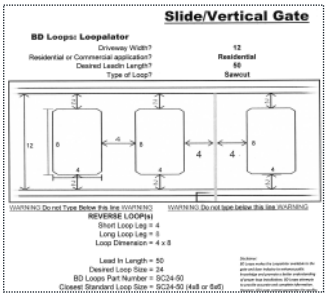
Driveway Width	Loop Size	Part #	Lead-in Wire	Wt.
8 to 11 ft	4' x 8' 24 ft Loop	SCL24	14 ga. x 50 ft.	3.15 lbs.
11.5 to 15 ft	6' x 10' 32 ft Loop	SCL32	14 ga. X 50 ft.	3.6 lbs.
15.5 to 18 ft	6' x 12' 36 ft Loop	SCL36	14 ga. x 50 ft.	3.3 lbs.
20 ft	6' x 16' 44 ft Loop	SCL44	14 ga x 50 ft.	?
24 ft	6' x 20' 52 ft Loop	SCL52	14 ga x 50 ft.	?

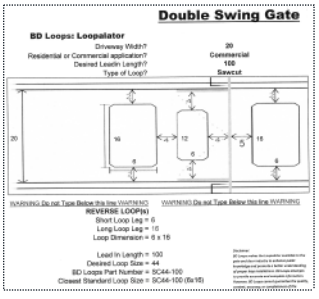
Loopalator

The Free Loop Layout Calculator.

The BD Loops **Loopalator** allows you to easily calculate the size of the loop(s) you need. Visit our website **jansensupply.com** for your free copy (*You will need Windows Excel with "marcos" enabled to work the calculator.)*

BD Loops
The Loop Experts!





Saw Cut Installation Large Kit



BD Loops
The Loop Experts!

TB-KIT



* 4 corner blocks with T-pins
* Pizza roller with ¾ inch PVC coupler for handle
* Caulk line with 1/8 inch T bar
* 2 each 1/8 inch masonry bit
* 2 each wax marker
* 135 degree wedge tool
* Can of clear spray
* Custom tool bag
* Groove Cleaning Air Wand

Loop Sealant



Asphalt Black
SEALANTBLACK

Concrete Grey
SEALANTGREY

No mixing or heating required. Easy to use. No tooling. Self-leveling. Fast drying. Dry to touch in 5-15 min. 29 Fl. Oz. Colors: Black or Grey. Wt. 2.3 lbs.
EXTRA LARGE CAULKING GUN REQUIRED Tube: 12 1/2" L. X 8-1/4" Dia.

Insulated Loop Wire 18 AWG ~ 600V ~ 125°



Stranded Copper Loop Wire
Great For Saw Cut Applications

LOOPWIRE

1000 Ft. Spool
Wt. 5.2 lbs.

Free Exit Sensing Probe
Single Piece Design, AC / DC Voltage

The CP-3 provides a trigger and a relay closure for direct hook-up to a gate operator. Bury the CP-3 in the dirt beside the driveway (it covers a 12 ft. wide driveway from the side), and hook its wires directly to your gate operator. If buried in the center of the driveway it covers a 24 ft. area.

cartell free exit systems

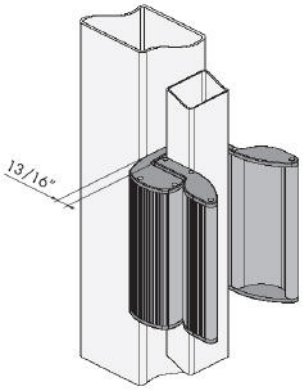
EXITDET

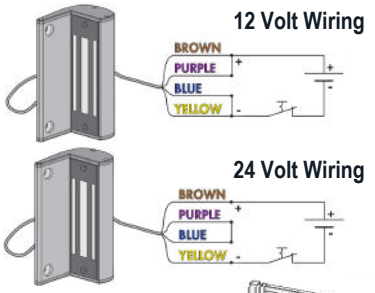


Power Requirements	6-31 VAC or 10-40 VDC
Stand-by Current	150 Microamps
Detect Current	25-30 mA
Relay Contact	5 Wire: SPDT, floating, NO or NC Form C
Sensitivity	Automatic
Cable Lead Length	100 ft.

Ideal for Solar or Battery Backup Gate Operators by minimizing current draw. Lowest stand-by current available in the market. (150 Microamps)

Outdoor Walk Gate Magnetic Lock System
400 lbs. Holding Force. 12 V or 24 V DC Power





LOCINOX®



Part #	Holding Force	Voltage 12 or 24	Current	Power	Wt.
LOCMAG400SL	400 lbs	12 VDC 24 VDC	0,4 A (12V) 0,2 A (24V)	4,8 W	10 lbs.

Outdoor Gate Magnetic Lock System
12 or 24 Volt DC Power



* **1200 lbs. Holding Force** magnetic lock.
* Built-in electrical enclosure with predrilled and tapped conduit holes.
* Steel (can be welded) predrilled and tapped lock and armature mounting brackets.
* 12 or 24 Volt DC operation.
* Top, bottom or face mounting.
* Quick release "pop" button on Armature.
* Wt. 15 lbs.

DK1216-080

Harness to fit DK1216-080 to the CSW200UL & SL3000UL gate operators.



Q400MAU

Harness to fit DK1216-080 to the Miracle Operator



Q240MAU

12 Volt Transformer
Wt. 1.15 lbs.



DK1812-020

24 Volt Transformer
Wt. 1.15 lbs.



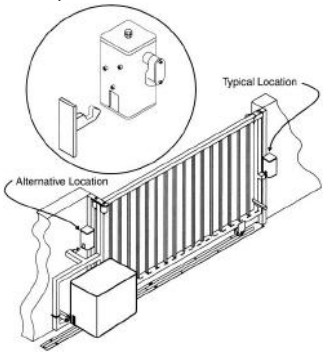
DK1812-139

Solenoid Gate Lock



SGL110

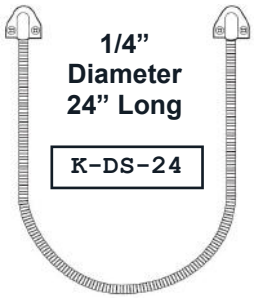
The Solenoid Gate Lock is 110-125 Volts. Has a Heavy all steel construction. 115 volt operation, solenoid activated release. Fail secure operation keeps gate locked if power is lost or removed. Can be released in case of an emergency. Can be welded onto gate and post.



Features:
- Heavy all steel construction.
- 115 volt operation.
- Solenoid activated release.
- Fail secure operation.
- Keeps gate locked if power is lost.
- Can be released in case of an emergency.
- Can be welded onto gate and post.

Armored Door Loop 24" All Stainless Steel Design

Use this door loop when you need to transfer low-voltage electrical current from the door frame to the door. Wt. 1 lb.



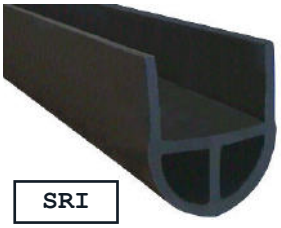
K-DS-24

Other Lengths Available

5 Ft. Long Rubber Bumper
Made to Cushion Closing Gates

Designed to provide a flexible cushion to the leading or trailing edge of a gate with 2" uprights. Easily attaches to the gate by inserting screws through the mounting flange into the gate upright. Extends life of the operator and gate. Keeps sharp gate edge from scratching vehicles if they should come in contact with the gate edge. This is not a safety sensing edge. Five Ft. Long.

Can easily be cut to desired length.



SRI

Access Gate Controls & Accessories

Seven Day Timer

Program up to 60 Flexible Events



Features:

* Holiday functio (up to 99 days).
* Adjustable output time.
* Programmable security code.
* 12 or 24-Hour clock format.
* 16 Schedules including daily, weekly, weekends, etc..
* Memory saved if power fails.
* Egress input terminal.

Specification:

Operating Voltage	12~24 VAC/VDC
Current draw:	
Standby	15mA@12VDC
Active	70mA@12VDC
Relay rating	10A@120VAC/28VDC
Backup battery	1 x CR-2016 (included)
Weight	4.6-oz
Dimensions:	4-3/16" W. x 3-1/16" H. x 1-1/4" D.

ENFSA-027WQ

ENFORCER



Illuminated Push-to-Exit Plates

Stainless-steel, single-gang faceplate.



* 2" Square illuminated green push button.
* 'NO/NC contacts rated 10A@125VAC.
* Includes switchable English and Spanish messages.

Included:

1. "PUSH TO EXIT" and "PRESIONE PARA SALIR" faceplates.
2. Five color-coded, 12-inch, AWG 18 wire leads with easy-to-attach spade lugs for fast installation.
3. Single-gang plate.
4. Replacement bulb (12V, 1.2W, 15,000-hour life).

ENFORCER

2.75" W. X 4.5" H.

ENFSD-7202GC-PEQ

Vandal-Resistant Illuminated Push-to-Exit Plates

Single Gang, Red / Green LED

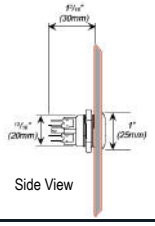


* Stainless-steel face-plate with enhanced vandal resistant design.
* For standard single-gang box.
* "EXIT" and "SALIDA" silk-screened on plate.
* Illuminated vandal-resistant 1/2" (12mm) push-button switch.
* Dual-color 12VDC LEDs field-switchable via polarity of input power.
* Equipped with NO/NC (DPST) contact rated 5A@250VDC.
* Weatherproof (IP65) for indoor/outdoor use.

ENFORCER

2.75" W. X 4.5" H.

ENFSD-7275SGEXQ



Side View

Interior 3 Button Station PBS-3

OPEN / CLOSE / STOP Allows Complete Control of Gate

This 3 Button Station may require additional harnesses to work properly with various gate operators. Wt. 0.75 lb.

Indoor Surface Mount



PBS-3

2-3/8" W. X 5-3/8" H. X 1-3/4" D.



Harness for the Miracle1 Operator

Q145



Mini Board needed to hook up to the Elite Commercial Operators.

OMNI-EXB

Exterior 3 Button Station

OPEN / CLOSE / STOP
Allows Complete Manual Control of the Gate

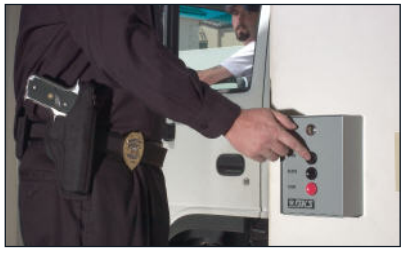


DK1200-006

7.75" H x 5.875" W x 3" D

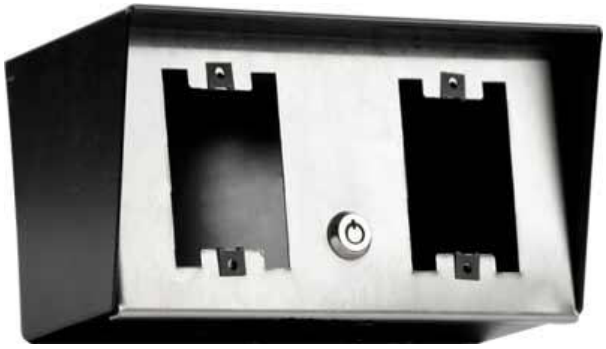
1200-006 3-button Exterior

- ideal for exterior applications, interior too
- can be surface or post mounted
- OPEN - CLOSE - STOP control
- *Setup from MFG to work with DKS gate operators but can work with other operators with slight wiring modification*



iCan Access Control Housing Accepts Two Single Gang Devices

The new iCAN from Keedex allows you to install up to, two single gang devices. Use it to install an intercom & key-pad, prox reader & key switch or a keypad & key switch for Fire, Police or Utility access.



6" H. X 11-1/4" W. X 4.625" D.

K-BXICAN

KEEDEX

Auxiliary Transformer Box

The 1200 transformer box is a great way to provide a power source for accessory transformers used with access control systems. • Lockable transformer box • Holds up to four 20 VA transformers • Indoor or outdoor use • ETL Listed



6" H. X 11-1/4" W. X 4.625" D.

DK1200-080

DKS DOORKING

Transformers For 18V or 24V Gate Operator Units



18 Volt Plug-in Transformer
OUTPUT: 18VAC 40VA
Wt. 1.75 lbs.

POW1



24 Volt Plug-in Transformer
OUTPUT: 34V ----1.17A
Wt. 1.75 lbs.

POW3



LiftMaster Replacement Transformer For LA400 Swing Operator

LMK74-30763

CHAMBERLAIN LiftMaster



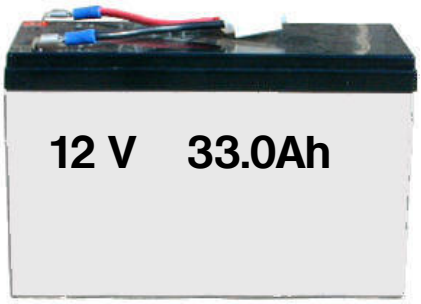
LiftMaster Transformer to Convert a LA412 Swing Operator to a LA400 Swinger

LMLA12VXFMR

Access Gate Controls & Accessories

33 Ah - 12 Volt Single Battery

To be used with all LiftMaster Elite Series Operators LMCSL24V, LMCSW24V, & LMLA500



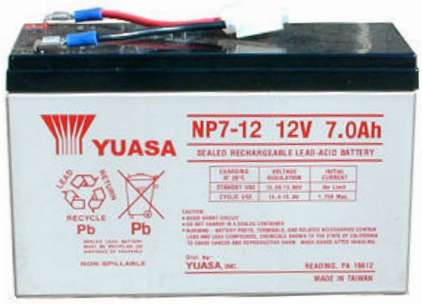
LMA12330SGLPK

Please Specify the Model of Operator When Ordering

Volt: 12.0
AH: 33.0
Length: 5.94”
Width: 2.56”
Height: 3.84”
Weight: 5.5 lbs.

7 Ah - 12 Volt Single Battery

To be used with all Viking Operators & LiftMaster Series Operators



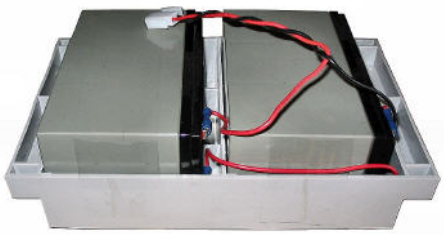
VIKBAT

Please Specify the Model of Operator When Ordering

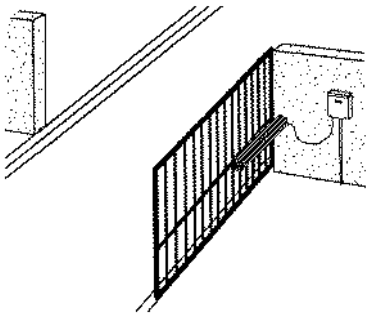
MFG: Yuasa
Volt: 12.0
AH: 7.0
Length: 5.94”
Width: 2.56”
Height: 3.84”
Weight: 5.5 lbs.

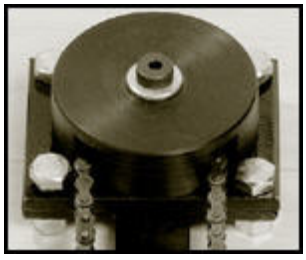
ELITE™ Replacement Battery Packs For The Miracle Series Swing Operators

Battery backup for the Miracle Series provides a fully functional operation for 100-200 cycles in case of power failure. Wt. 12 lbs.



BATMIR





90° & 180° Safety Guard Chain Idler

180° Idler Shown

90°



SAFETYIDLER90

180°



SAFETYIDLER180

* Design to prevent serious injury.
* Easy installation.
* Quiet smooth action.
* #41 or #40 UHMW Chain Idler.
* Bronze oilite bushing
* Black finish UHMW safety guard cover
* 3/8" thick back mounting plate
* 3/8" mounting holes
* Wt. 2.6 lbs. each.

Chain - 10 ft. Packs

(Includes 1 Master Link)



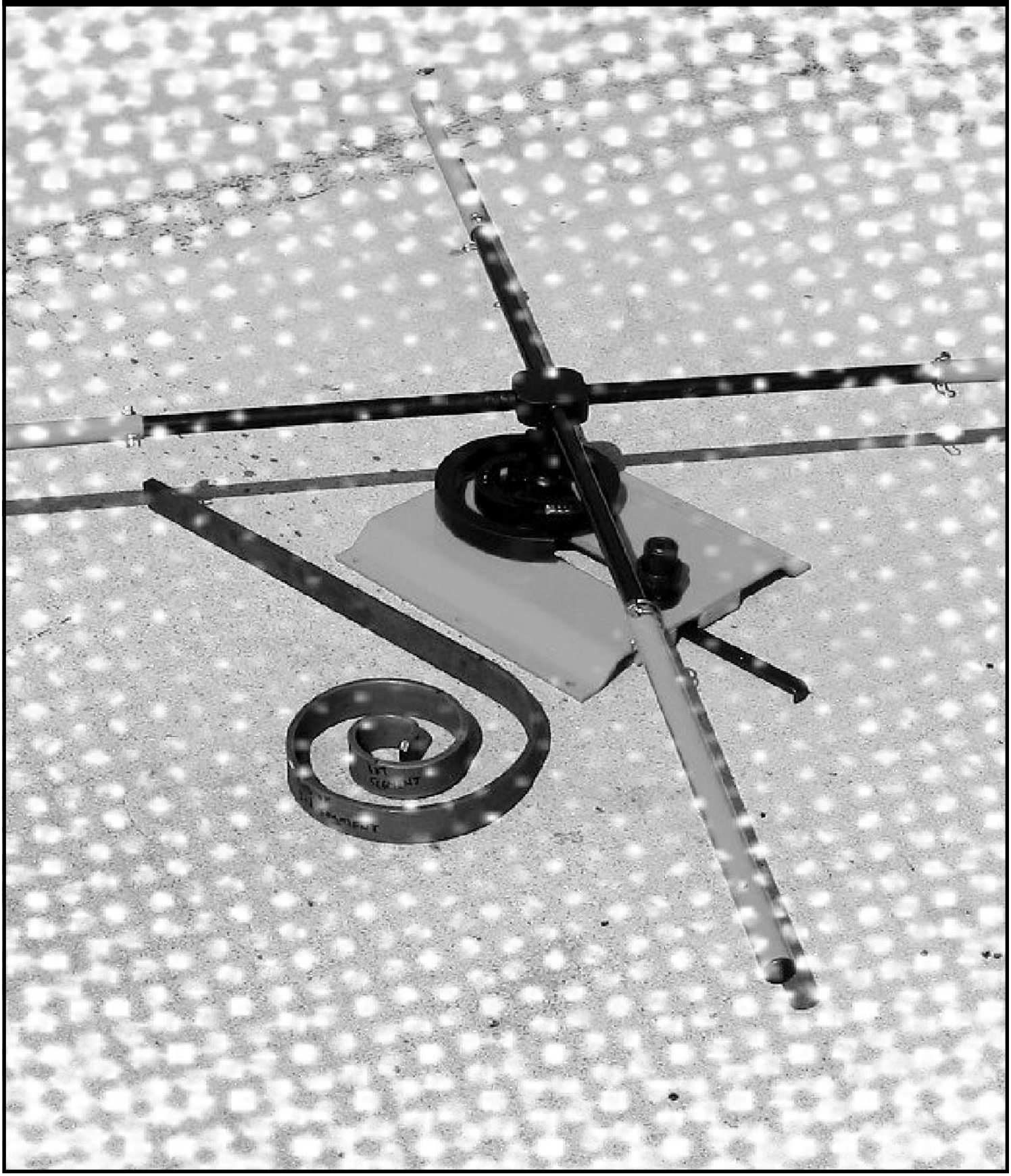
CHAIN40	Plain Steel #40	5 lbs.
CHAIN40NP	Nickel Plated #40	5 lbs.
CHAIN41	Plain Steel #41	3 lbs.
CHAIN41NP	Nickel Plated #41	3 lbs.

Master Links For Chain



ML40	Plain Steel #40	0.10 lb.
ML40NP	Nickel Plated #40	0.10 lb.
ML41	Plain Steel #41	0.10 lb.
ML41NP	Nickel Plated #41	0.10 lb.

SECTION 18
Tools of the Trade



Tools of the Trade

MK3/4 Heavy Duty Scroll Bender



MK 3/4

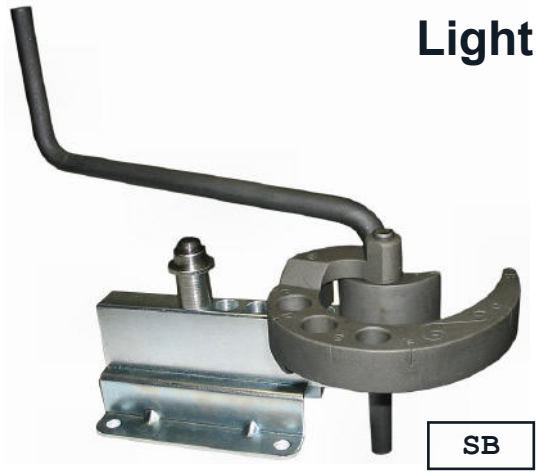
The interchangeable segments enable the MK3/4 heavy duty scroll bender to create various scroll shapes and sizes. The MK3/4 also comes with a “rapid locking system” for holding, releasing bar ends, easy scroll release and handle extensions for more leverage on thicker material. The MK3/4 can also work material with fish tail ends. Weight: 52 lbs boxed.

Max. Section	Min. Scroll Size (1 Segment Only)	Max. Scroll Size (4 Segments)
2” x 1/4” Flat Bar	2-3/8” Wide	10” Wide
1” x 3/8” Flat Bar	3-1/8” Wide	10” Wide
1/2” Sq. or Rd. Bar	4-3/4” Wide	10” Wide
5/8” Sq. Or Rd. Bar (with ends heated)	4-3/4” Wide	10” Wide

Samples

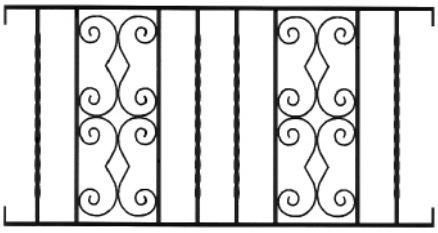


Light Duty Scroll Bender



SB





This light duty hand operated scroll bender is the answer to easy bending of flat bar stock.





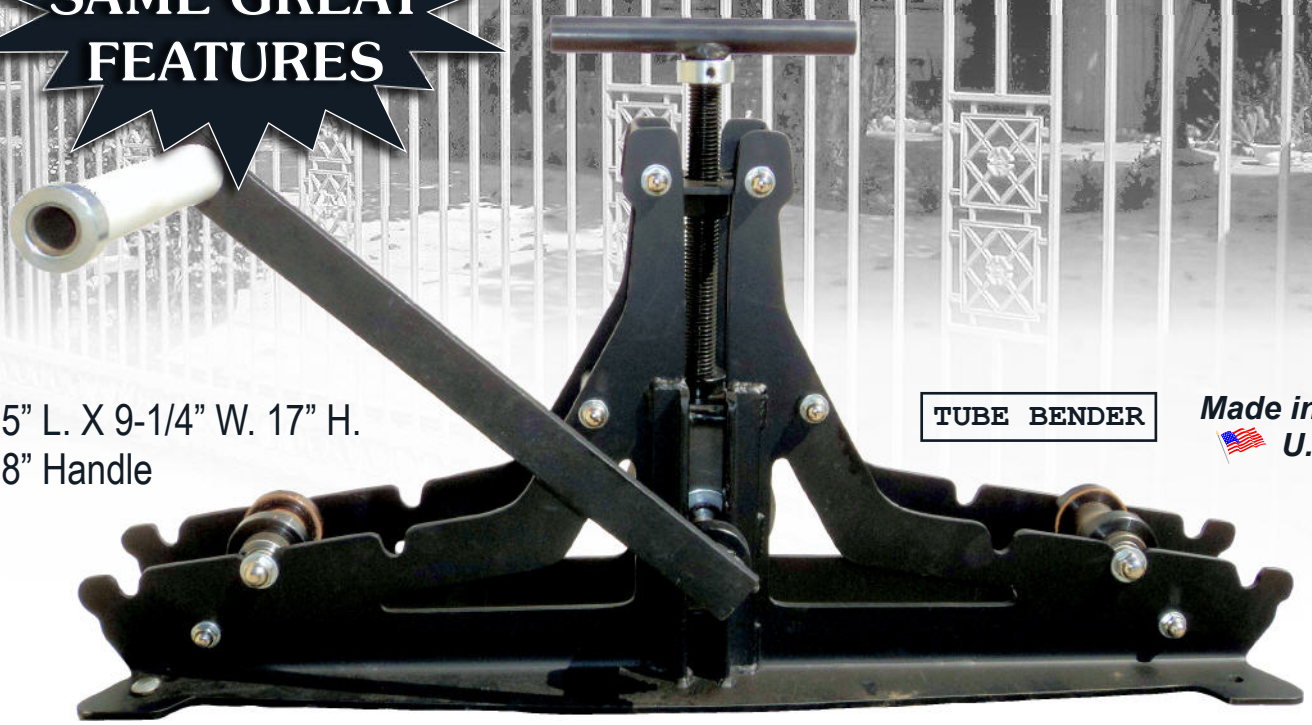
* Bends up to 3/16” x 1” flat stock (hot rolled) and 1/4” round stock.
* Bench top design for easy mounting.
* Tool size: 12” length x 6” height.
* Weight: 14 lbs.
* Forms up to 6” wide scrolls

It is not recommended for bending 1/8” thick material. The material is too thin and might slip during the bending process.

TUBE BENDER

You'll never turn down Another job because of curves again!

NEW LOOK, SAME GREAT FEATURES



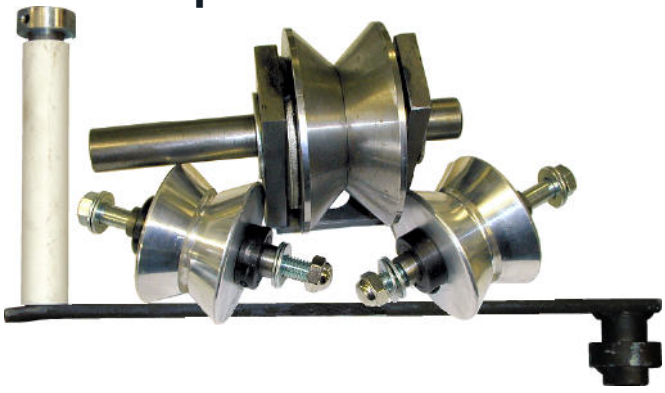
35" L. X 9-1/4" W. 17" H.
18" Handle

TUBE BENDER

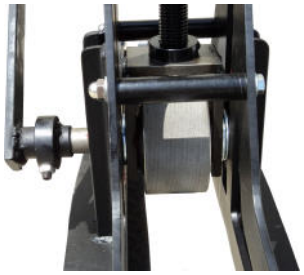
Made in the U.S.A.

Bends square tubing up to 2" x 2" x 11 ga., rectangular up to 1" x 2" "The Hard Way". Knurl center wheel for better gripping action. Adjustable lock collars to keep material aligned. Comes with a heavy duty crank handle. 1/4" steel plate frame. Light weight, only 56 lbs. One year limited factory warranty.

Pipe Roller Kit



The optional "Pipe Roller Kit" has a 2" pipe capacity up to schedule 40.
Wt. 20 lbs. PRKT



END VIEW:
Knurled center drive wheel with adjustable bearing assembly for tighter curves.

Replacement Parts

Tube Bender Center Wheel, Axle & Saddle - #TUBCENTERWHEEL

Tube Bender Crank Handle - #TUBCRANKHANDLE

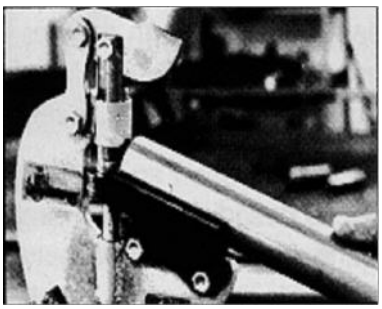
Tube Bender End Roller Shaft & Collars - #TUBENDROLLER

Tube Bender T-Handle & Top Plate - #TUBT-HANDLE

Pipe Roller Center "V" Wheel, Axle, & Saddle - #PRKCENTERWHEEL

Pipe Roller "V" End Rollers - #PRKENDROLLER

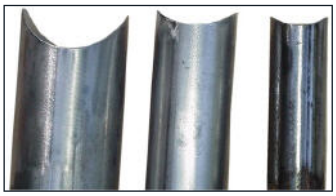
Tools of the Trade



Hand Operated Pipe Notcher

The Tubing Notcher is a simple hand-operated tool that notches round tubing or pipe in just a couple of seconds. These Notcher's are made of top quality materials and are designed to last a life-time. By swapping interchangeable cutters, one notcher will han-dle tubing from 1-inch up to 2-½ inches. The unit comes cad plated and fully assembled. No sharpening needed! This Notcher leaves clean cuts requiring no grinding. This hand tool is not made to notch pipe stair railings perfectly.







Pipe Notcher

Part #	Description	Dies Included O.D. Measurements	Wt.
NOTCHER	Notches up to Schedule 40 Pipe *(Note: 1-1/2" O.D. Tubing .134 wall can be notched with the 1-5/8" O.D. Die)*	1-3/8", 1-5/8", & 1-7/8" O.D.	12 lbs.
NOTCHER1	Notches up to .134 Wall Tubing	1", 1-1/4" O.D.	12 lbs.
NOTCHER3	Notches up to .134 Wall Tubing	2", 2-1/2" O.D.	12 lbs.



Cutter Sets



Notcher Dies



Saddles

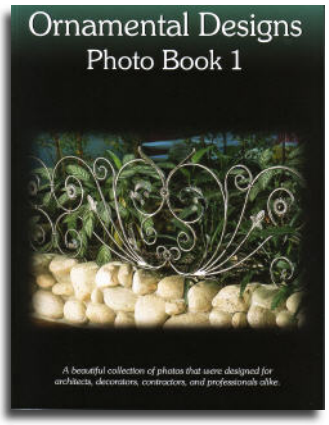


Ram Shaft With Nut

Pipe Notcher Replacement Parts

Part #	Description	Parts Included O.D. Measurements	Wt.
CUTTER4	Cutter set for #NOTCHER includes dies & saddle	1-3/8", 1-5/8", 1-7/8" O.D.	2.75 lbs.
CUTTER1	Cutter set for #NOTCHER1 includes dies & saddle	1", 1-1/4" O.D.	2 lbs.
CUTTER3	Cutter set for #NOTCHER3 includes dies & saddle	2", 2-1/2" O.D.	2.75 lbs.
DIE1	Die for 1" O.D. Pipe	1" O.D. die	0.50 lb.
DIE1 1/4	Die for 1-1/4" O.D. Pipe	1-1/4" O.D die	0.50 lb.
DIE1 3/8	Die for 1-3/8" O.D. Pipe	1-3/8" O.D die	0.50 lb.
DIE1 5/8	Die for 1-5/8" O.D. Pipe	1-5/8" O.D die	0.50 lb.
DIE1 7/8	Die for 1-7/8" O.D. Pipe	1-7/8" O.D die	0.50 lb.
DIE2	Die for 2" O.D. Pipe	2" O.D. die	0.50 lb.
DIE2 1/2	Die for 2-1/2" O.D. Pipe	2-1/2" O.D. die	0.50 lb.
SADDLE1	Saddle for #NOTCHER1 Dies 1" & 1-1/4"	Saddle for #NOTCHER1	1.5 lbs.
SADDLE3	Saddle for #NOTCHER3 Dies 2" & 2-1/2"	Saddle for #NOTCHER3	2 lbs.
SADDLE4	Saddle for #NOTCHER Dies 1-3/8", 1-5/8", 1-7/8"	Saddle for #NOTCHER	1.5 lbs.
RAM1	Ram Shaft for 1" & 1-1/4" Dies	Ram Shaft1	1 lb.
RAM4	Ram Shaft for all other Dies	Ram Shaft4	1 lb.
RAMNUT	Ram Nut Only	Ram Nut	0.25 lb.

FULL-COLOR



Ornamental Designs Photo Book 1

A beautiful collection of color photos that were designed for Wrought Iron Shops and Professionals alike. 113 pages of photo ideas that will beautify any environment. 344 glossy color photos of custom-designed rails, fences, gates, and stairs many using Jansen stock components. Wt. 1 lb.

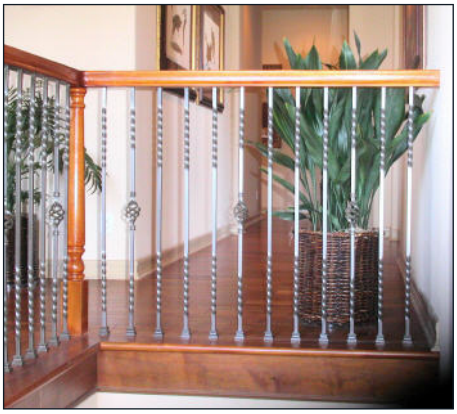
Make the "Ornamental Designs Photo Book 1" a part of your designing plans.

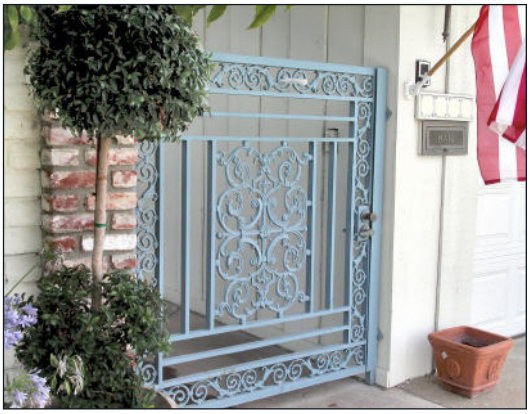
DP1



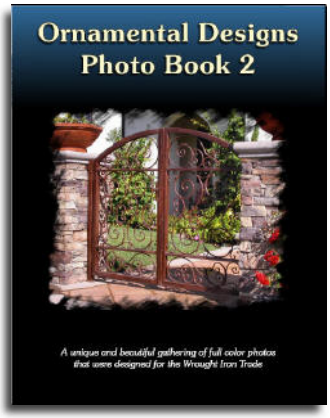




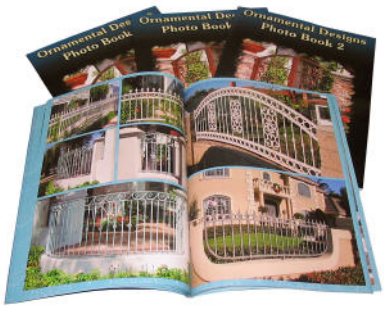




FULL-COLOR



Ornamental Designs Photo Book 2



DP2

The Ornamental Design Photo Book 2 is a beautiful collection of photos that were designed for the wrought iron trade that show custom-designed rails, balconies, fences, gates, stairs, and decorative ideas. Over 330 color photos. 108 pages. All are presented to provide an idea of a wide range of possibilities. Wt. 1 lb.







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Ornamental Supply Co.
10926 Schmidt Rd, El Monte, CA 91733

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- Steel Weld Tabs
- Base Plates
- Sleeve Brackets
- Paint
- JTC Metal Degreaser
- High Speed Drill Bits
- Tools
- Pressed Pickets
- Decorative Components
- Perforated Sheets
- Handrails
- Balusters
- Abrasives
- Hollow Balls
- Circles
- Belly Pickets
- Epoxy
- Gate Springs
- Steel Scrolls
- Numbers
- Hammered Bars
- Lag Screws
- Telephone Entry
- Shoe Covers
- Post Caps
- Anchoring Cement
- Spear Tops
- Barrel Hinges
- Gate Wheels
- Letters
- Cement Anchors
- Loop Detectors
- Handicap Hardware
- Cane Bolts
- Chain
- Sanding Discs
- Zinc Plated Hems
- Aluminum Castings
- Foot Plates
- Panel Brackets
- Rings
- Digital Keypads
- Gate Operators
- Relton Concrete Bits
- Stair Brackets
- Pipe Notcher
- Cut Off Wheels
- Perforated Metal
- Glass Inlays
- Steel Drill Bits
- Plastic Plugs
- Shelf Brackets
- Ground Loops
- Transmitters
- Stamped Leaves
- Paint Thinner
- Spring Hinges
- Gate Latches
- V-Groove Wheels
- Old Fashion Gate Latches
- Pipe Elbows
- Door Releases
- Bronze Cap Rail
- Rosettes
- Slide Bolts
- Gate Stops
- Batwings
- Hanger Bolts
- Uphill Hinges
- Gate Closers
- Sliding Gate Hardware
- Pipe Track Wheels
- Guide Rollers
- Gate Track
- Lock Boxes
- Panic Hardware
- Window Releases
- Locks
- Concrete Bits
- Photos Books
- Stainless Steel Railing
- Safety Edges
- Photocell Sensors
- Goose Neck
- Square Tubing Bender
- and much more.....