



CATALOG

Your Global Partner
for Innovative Solutions

For assistance please contact:

E.D.A. International Corp
sales@edainternational.com

MBH International Sales, Inc.
sales@mbhny.com



COMPONENT
H A R D W A R E G R O U P

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COMPONENT HARDWARE

ABOUT US

- Innovative manufacturer of specialty components and customized solutions since 1981
- Market leader with extensive engineering, global manufacturing and distribution capabilities
- Serving the foodservice, healthcare, hospitality, commercial and institutional markets
- Offering a wide array of commercial plumbing products, kitchen exhaust system components, fabrication hardware and refrigeration hardware
- Providing the industry's best casting, forging, stamping, machining, injection molding, extruding, fabrication and custom sub-assembly solutions

WHY YOU SHOULD CHOOSE US

- **A trusted and valued supply partner**, solving our customers' problems - saving them time, money, and headaches
- **Global Supply Chain** ensures on-time delivery of quality products wherever you may need them to keep your production lines running smoothly and efficiently
- Our meticulous **Quality Assurance team** insures our products meet or exceed all market standards and regulatory requirements
- Ability to **cost-effectively engineer** and build specialty or proprietary component and subassembly solutions on projects of all sizes
- **Global engineering and manufacturing capabilities**, including machining, metal forming, forging, stamping, die and sand casting, plastic injection molding, extruding, fabrication and subassembly operations allow for complete design and customization flexibility
- **Comprehensive product catalog** of over 17,000 items including specialty and customer-proprietary items
- Our **virtual manufacturing model** permits us to own our product designs and tooling without incurring the prohibitive expenses of owning the physical production facilities

WHERE TO FIND US

- Headquartered in Matawan, NJ, USA with warehouses and sales offices located throughout the United States, Canada, Asia and Europe:
 - Matawan, New Jersey
 - Columbus, Ohio
 - Bernardino, California
 - Denton, Texas
 - Markham, Ontario
 - Breda, Netherlands
- International distribution network ensures timely delivery of quality products to virtually any location in the world
- Follow us on LinkedIn, Facebook, Instagram and Twitter
- For further information, please visit our web site at: www.edainternational.com / www.mbhny.com



Innovative Engineering

Strategic Solutions Provider – our dedicated team supports all your engineering and manufacturing needs from start to finish, whether it is a full concept design or just minor design changes to an existing product. We have the ability to develop unique custom solutions with a full staff of qualified mechanical and electrical engineers and offer comprehensive customer product design support with onsite design and technical assistance. It is our consultative design, reverse engineering capabilities, fast project/quote turnaround, value engineering for cost reduction and numerous patented and trademarked products that keep our customers coming back.

Our team of certified SolidWorks 3-D CAD professionals use 3-D rapid prototype modeling to help get from concept to prototype to production in the shortest time possible at the lowest possible cost.

Global Regulatory Compliance – our engineers work with outside testing agencies to insure your products meet or exceed all regulatory requirements, including NSF, UL, CE, WRAS, NFPA, and RoHS.



Supply Chain Optimization

Strategic Warehousing – we're committed to insuring we have the required high-quality finished parts on our shelves at all times, to take your production to the next level – we make a large investment in inventory, so our customers don't have to.

Over 250,000 sq. ft. of dedicated warehouse space in the U.S., Canada and Europe.

Global Distribution Network – our global network of distributors ensures an uninterrupted supply of products – delivering what you need, when you need it.

International Logistics – our knowledgeable staff will insure the smooth, timely delivery of product wherever your facilities may be located.

Custom Subassemblies

We are a strategic manufacturing partner by simplifying your production processes, so you can concentrate on your core business.

We have the capability to supply complex, subassemblies and complete assemblies. Besides supplying the individual component parts we are traditionally known for, like bearings and drawer slides, we can also help you to design and manufacture complete product assemblies and sub-assemblies to save you additional time and money.



GLOBAL MANUFACTURING CAPABILITIES

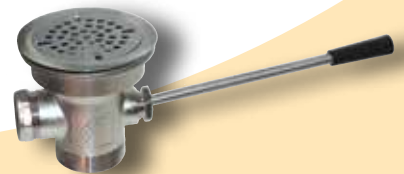
Forging

Forging is the oldest metal working process known to man and is the term used for shaping metal by using localized compressive forces. Cold forging is done at room temperature or near room temperature. Hot forging is done at a high temperature, which makes metal easier to shape and less likely to fracture. Warm forging is done at intermediate temperature between room temperature and hot forging temperatures. Forged parts can range in size from 2 oz. to 3 lbs. Forged parts usually require further processing to achieve a finished part. Forging results in metal that is stronger than cast or machined metal parts and can impart a high strength-to-weight ratio.



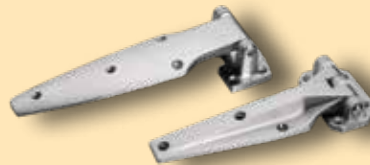
Die Casting

During the die casting process, engineers inject molten metal into a steel mold, often under intense pressure. The sizes of the machines differ depending on the size of the respective mold. The complete die casting cycle varies depending on the weight and size of the components. Die casting is the fastest way of producing precise, high-quality, nonferrous metal parts.



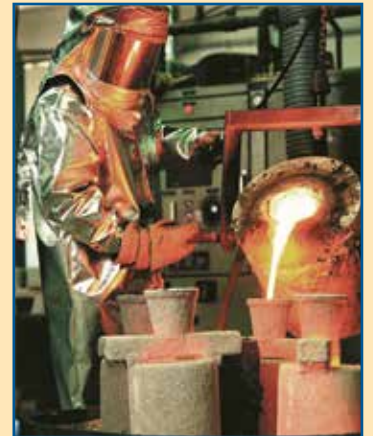
Sand Casting

Sand casting, also known as sand molded casting, is a metal casting process characterized by using sand as the mold material. The term "sand casting" can also refer to an object produced via the sand casting process. Sand castings are produced in specialized factories called foundries.



Investment Casting

Investment casting or lost wax casting is a process in manufacturing whereby a refractory ceramic material is used to coat a wax pattern. The geometry of the ceramic material takes the casting shape once it has fully hardened. The wax is melted, discharged from the mold and molten metal is poured into the wax pattern's cavity. Investment casting allows for the production of accurate components repetitively.



Stamping

Stamping features a versatile range of sheet-metal forming manufacturing processes which include punching using a stamping press, bending, embossing or coining. Stamping can be done on sheet metal and some other materials such as polystyrene. A progressive die stamping process is characterized by multiple cutting and forming operations that take place simultaneously. Common materials used for progressive die stamping include various grades of stainless steel and cold rolled commercial steel. Also, tooling is generally less expensive here.



GLOBAL MANUFACTURING CAPABILITIES



Machining

Our machining operations are categorized into milling, turning, tapping, threading, and drilling. These operations use milling machines to cut workpieces while drilling operations use rotating cutters to produce and refine holes. Threading and tapping are processes that form or cut female and male mating pairs. All these procedures are essential and support our commercial kitchen components manufacturing.



Plastic Injection Molding & Extruding

Plastic injection molding is a process that produces thermosetting and thermoplastic materials. It entails injecting molten plastic into a mold at high pressure, usually the inverse of the shape of the product. Then, molds are created using metal by mold makers or tool makers who use aluminum or steel to form the required features with utmost precision. Commonly used materials are ABS Nylon, polystyrene, polypropylene, PVC, and polyethylene.



Wire Forming

Also referred to as wire forming or fabrication, metal forming involves bending and stamping wires into fabricated forms to create a wide range of items. Common products include wire racks, hooks, specialty pins, springs, clips, and other customized products. Our engineers perform wire forming processes either manually or using CNC machines. Stamping involves placing a stamp sheet metal, in either coil or blank form, into a stamping press. During the procedure, the die surface and a tool form a net-shaped product. Materials commonly used include various grades of stainless steel, commercial steel, and cold-rolled steel.



Plating & Powder Coating

This is a collective name for surface-covering techniques that involve depositing a metal into a conductive surface. Plating prevents corrosion of electronic devices, faucets, and hinges. It influences product attributes such as wear-ability, paint adhesion, shielding, and conductivity. We specialize in zinc plating, electroplating, chrome plating, and nickel plating. Powder coating involves applying a distinctive dry powder coating, which does not need a solvent to keep the filler parts and binder in a liquid form. Engineers apply the powder electrostatically and cure it under heat to form a layer. The finish that it creates to our plumbing component manufacturing is tougher and harder than that of paint.



SUBASSEMBLIES

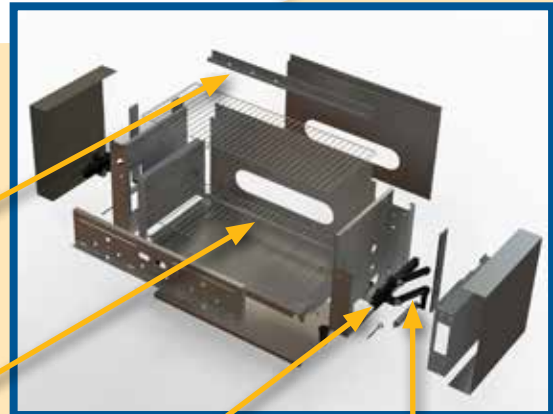
BUILDING COMPONENTS AND SUBASSEMBLIES TO YOUR DESIGN

Besides supplying the individual component parts we are traditionally known for, we can also help you to design and manufacture complete assemblies and subassemblies to save you additional time and money.



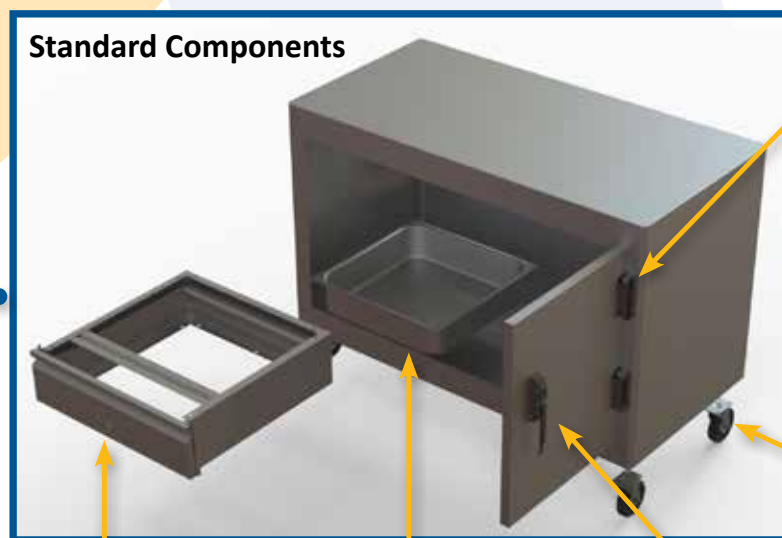
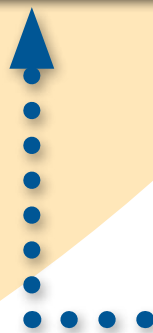
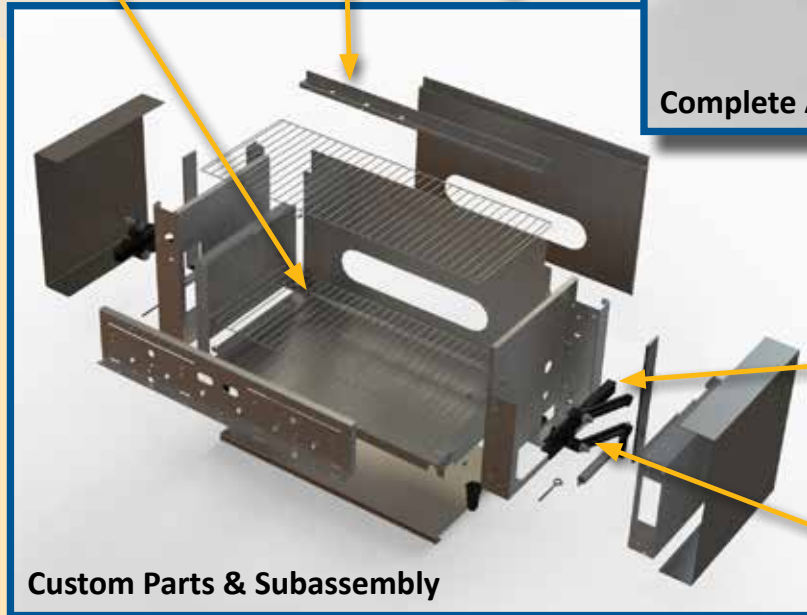
We Can Help You...

- Reduce labor costs
- Minimize inventory and obsolescence
- Take complexity out of manufacturing
- Reduce space/scrap/packaging



Let Component Hardware build your components and subassemblies to reduce cost and improve profitability.

SUBASSEMBLIES



CUSTOM ASSEMBLIES & SUB-ASSEMBLIES



OVEN CHASSIS



ELECTRO-STATIC
PRECIPITATOR



TANK SYSTEMS WITH
FIRE SUPPRESSANTS



COMPLETE MILK
DISPENSING MACHINES



HINGE SYSTEM



ASSEMBLIES



CUSTOM PRODUCT CAPABILITIES

For many years, Component Hardware has been a trusted source for your individual component parts. Now, using our same reliable factories and supply chain, we can be trusted to furnish you with complex subassemblies and complete assemblies to help you take additional cost out of your procurement and production processes.



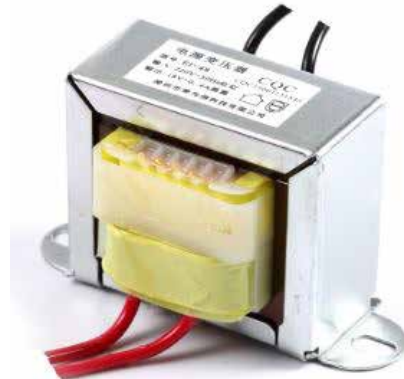
BLOWER FANS



COOLING FANS



FAN MOTORS



TRANSFORMERS



FAN GUARDS



CUSTOM PRODUCT CAPABILITIES



CONVEYER BELTS



HANDLE SUPPORTS



OVEN THERMOSTATS



OVEN/BBQ GRATES & GRILLS



SPARK IGNITERS



HEATING ELEMENTS



VALUE PROPOSITION



Off-The-Shelf Components & Hardware

Plumbing
Refrigeration & Cooking Equipment
Canopy Hood and Fire Suppression
Legacy CHG Components
Lighting & Electrical

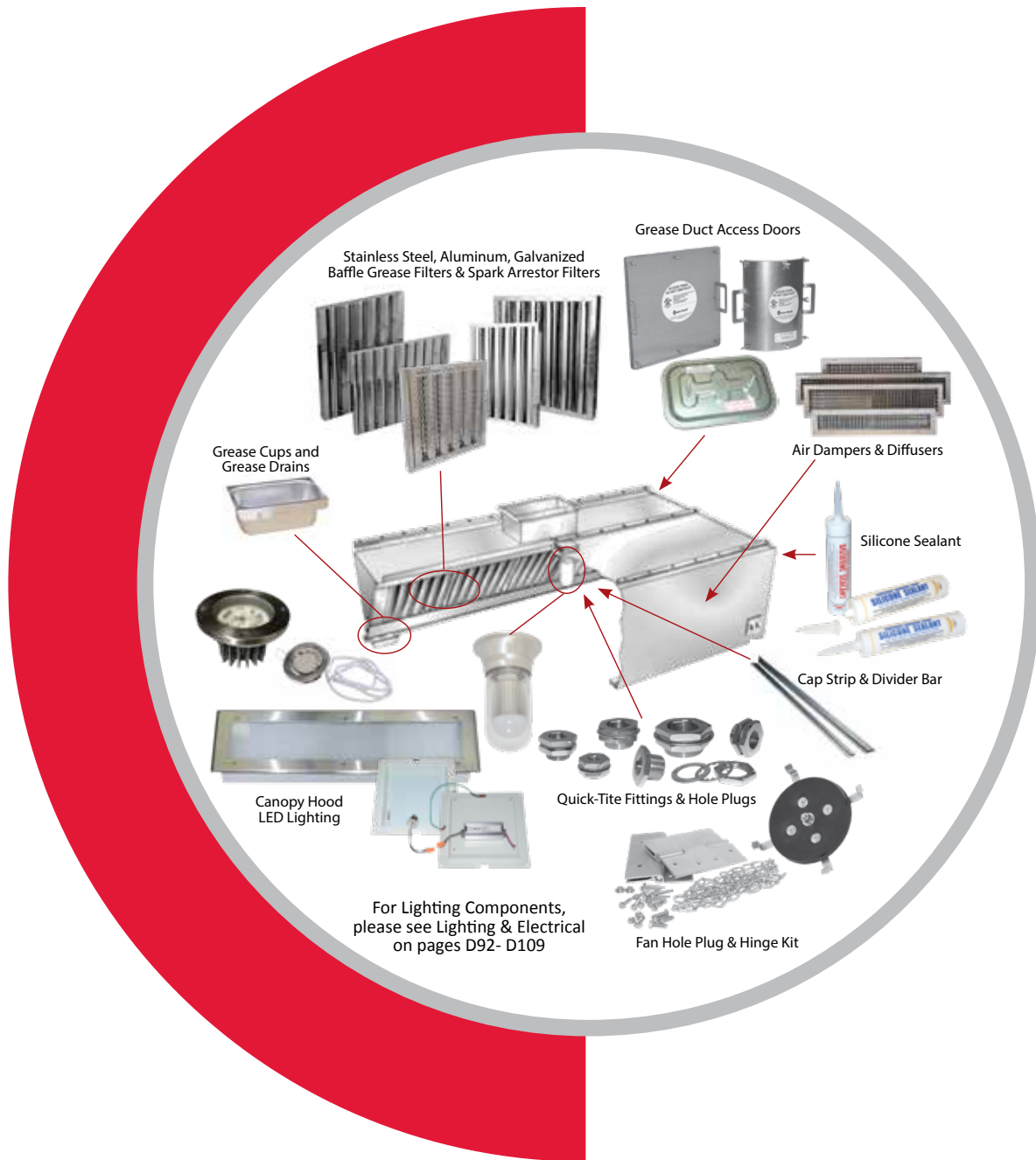
Custom Manufacturing Expertise

Engineered components, sub-assemblies & complete final assemblies
We can help you reduce
Labor Cost
Inventory and Obsolescence
Operational costs
Sourcing & Manufacturing complexity

Global Supply Chain Platform

Expansive network of 100+ partner factories in 10+ countries
Dedicated CHG staff and Sourcing teams in
NA, EU and Asia (including India, China & Taiwan)
QC performed by CHG QA engineers at factory prior to shipping
250,000+ sq ft of CHG warehouses globally





BAFFLE GREASE FILTERS

HOOD SIZING GUIDE

MESH FILTERS

TYPE III FILTERS

TYPE VI FILTERS

CAP STRIP & DIVIDER BAR

GREASE CUPS

QUICK-TITE® FITTINGS

QUICK-TITE® HOLE PLUGS

FAN ACCESSORIES & MULTI-VALVE DAMPERS

A13

A14-A15

A16

A17

A18-A21

A22

A23

A24-A25

A25

A26

SILICONE SEALANT

GREASE INTERCEPTOR

GASKET REPAIR KIT, ACCESS PANELS AND

HI-TEMP ACCESS DOORS

FLAT ACCESS DOORS

CURVED ACCESS DOORS

ORDER FORM-CUSTOM FLAT ACCESS DOORS

ORDER FORM-CURVED ACCESS DOORS

ORDER FORM-CUSTOM CURVED ACCESS DOORS

A27

A28

A29

A30

A31

A32

A33

A34



BAFFLE GREASE FILTERS

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Grease filters play a critical role in the overall safety and effectiveness of a kitchen exhaust system. Filters should be carefully selected to provide the correct volume of air through the ventilator, which is determined by the size of hood, the cooking equipment under it and state or local code requirements. There are many manufacturers of grease filters but not all filters have UL Listing. For ultimate safety of the exhaust system and to minimize liability issues, be sure that the filters that you select are UL Listed. This ensures that they meet NFPA standards.

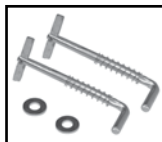
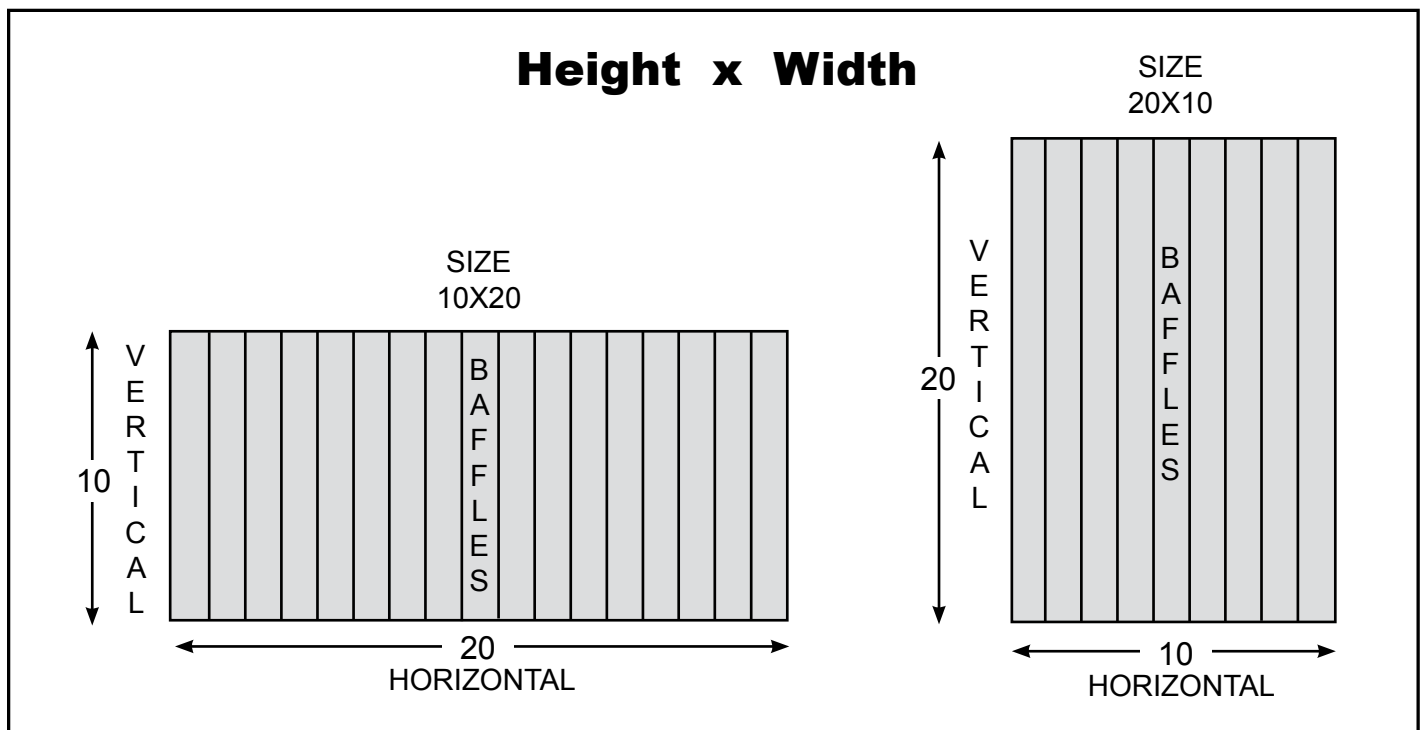
ALL COMPONENT HARDWARE GREASE FILTERS ARE UL AND NSF LISTED AND MEET NFPA 96 STANDARDS.

Working in concert with the surface fire suppression system, grease filters provide a strong defense against catastrophic duct system fires. Filters are designed to remove most of the grease from the airstream before it enters the ductwork. The grease runs off the baffles into a collection device where it can be easily removed. Selecting the proper number of the correct size filters is most important to ensure that the balance of the exhaust system will not be compromised and that all of the exhaust air passes through the filters before entering the ductwork.

HOW TO ORDER COMPONENT HARDWARE FILTERS

Filters MUST be installed with baffles running in the vertical (top to bottom) position so the grease will run down the baffles to the grease trough in the hood.

Standard sizes are ordered with the VERTICAL (top to bottom) dimension first, then the HORIZONTAL (left to right) dimension.



ALL FILTERS ARE AVAILABLE WITH SPECIAL LOCKING HANDLES.



FILTERS AVAILABLE WITH HOOK FOR USE IN CAPTIVE-AIRE STYLE HOODS.



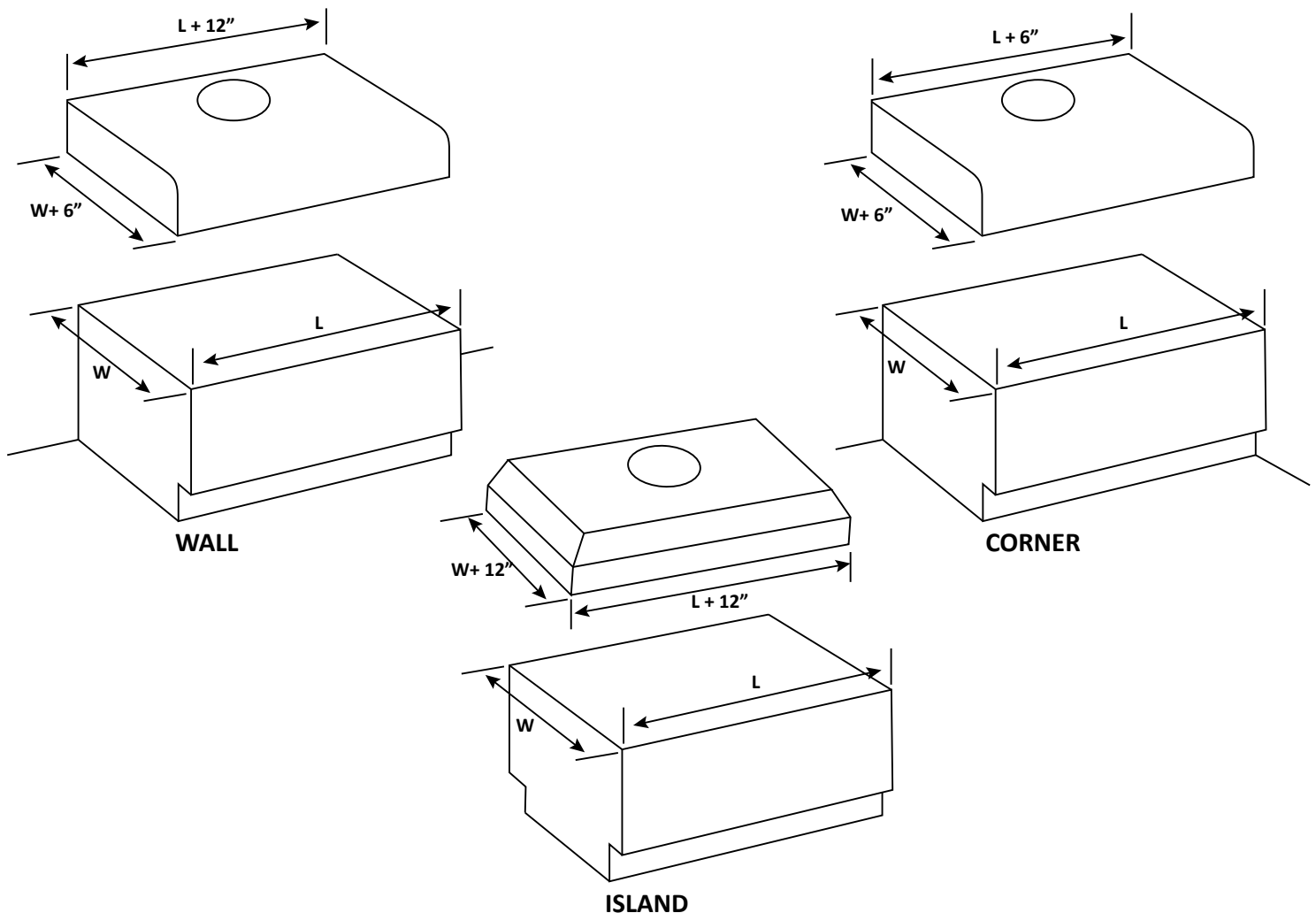
HOOD SIZING GUIDE

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In order to choose the correct filter for a particular kitchen requirement, the following steps are suggested for good hood design. These steps assume a hood seven feet or less above the floor using our Type II baffle grease filters.

STEP ONE - DETERMINE HOOD SIZE

For economy, the hood should be as small as possible. Therefore, there should be no work surfaces or blank spots between cooking surfaces. The hood should extend 6" beyond the cooking surface on all open sides. For example, an island canopy, open on four sides over a 42" x 72" grill, would have to be 54" x 84". A wall canopy over the same grill would have to be 48" x 84". A corner wall canopy would be 48" x 78".



STEP TWO - DETERMINE EXHAUST VOLUME REQUIRED

Many states and local authorities have established codes requiring certain standards for exhaust air at kitchen hoods. In 1973, the NFPA 96 Standard for Total Exhaust Volume at an island type hood (open on four sides) was suggested at:

$$\text{Total Exhaust Volume} = 150 \times \text{Entrance Area of Hood}$$

For a wall hood (open on three sides), the code was:

$$\text{Total Exhaust Volume} = 100 \times \text{Entrance Area of Hood}$$



However, in 1976, NFPA 96 was revised, removing these formula and replacing them with a paragraph which gives more flexibility to the designer, but also assigns him the responsibility for determining the correct Total Exhaust Volume. The code in part says: "...exhaust air volumes for hoods shall be of sufficient level to provide for capture and removal of grease, but retain cooking vapors. Test data or performance acceptable to the authority having jurisdiction, or both, shall be provided or displayed, or both, upon request."

This wording allows a wide latitude of exhaust volumes, enabling the designer to suit the hood to the cooking situation. It is urged that the designer experiment with exhaust volumes, varying them until the proper volume is reached. This will inevitably result in reduced air movement requirements - less, in fact, than the so-called "safe formula" (Total Exhaust Volume = 100 x Entrance Area of Hood). A reduction of 25 to 50% of Total Exhaust Volume is often possible and has worked quite successfully in all types of cooking, from steam table operation to char-broilers. The savings in blower size and conditioned air exhausted can be considerable.

STEP THREE - DETERMINE THE NUMBER OF FILTERS TO BE USED IN THE HOOD

Using either 20" or 25" widths which are standard sizes, select the best combination to fill the hood. On an 84" wall hood, for instance, three 25" wide filters would be 75" long, four 20" filters would be 80" long, and three 20" wide filters plus 2 one 5" filter would be 85". This would be too wide, so four 20" filters would be the right choice.

STEP FOUR - DETERMINE THE VOLUME OF AIR PER FILTER

Once the Total Volume in Step Two has been determined, divide that Volume by the Number of filters in Step Three. For example, using the "safe formula" of 100 x the Open Area (in feet) on a 48" x 84" wall hood, the Total Exhaust Volume (T.E.V.) would be:

$$\begin{aligned} \text{T.E.V.} &= 100 \times 48/12 \times 84/12 = 100 \times 4 \times 7 = 2800 \text{ C.F.M.} \\ \text{Dividing this by 4 (for 4 filters) would yield } &700 \text{ C.F.M. per filter.} \\ &2800 \\ &\underline{- 4 \text{ filters} -} \quad 700 \text{ C.F.M. per filter} \end{aligned}$$

STEP FIVE - DETERMINE THE HEIGHT OF THE FILTERS REQUIRED

This is a very important step and frequently overlooked. It must be remembered that a greater filter height means a lower Velocity and Static Pressure for the same C.F.M. per filter.

Divide the C.F.M. per filter from Step Four by the Effective Area of each different Height filter to be considered and the result will be the Velocity in feet per minute. (Note: Use the Effective Area/Chart for the particular type filter selected.) Example:

$$\begin{aligned} 700 \text{ C.F.M.} &: 2.88 \text{ sq. ft. for } 25 \times 20 = 243 \text{ F.P.M.} \\ 700 \text{ C.F.M.} &: 2.25 \text{ sq. ft. for } 20 \times 20 = 311 \text{ F.P.M.} \\ 700 \text{ C.F.M.} &: 1.75 \text{ sq. ft. for } 16 \times 20 = 400 \text{ F.P.M.} \end{aligned}$$

Since the Type II Filters (for example) have excellent grease capture at velocities ranging from 200 to 500 F.P.M., any of these three would be used. However, it may be seen on the Static Pressure chart that the Static Pressure at 700 C.F.M. per filter is .410 for 25 x 20, .725 for 20 x 20, and 1.075 for 16 x 20. It is easily seen that the 25" high filter should be used if there is sufficient room. If a 20", or even a 16" height is maximum, then the Static Pressure penalty must be paid. (Note: Use the Static Pressure for the particular type filter selected.)

Once the filter and air volume requirements are determined, additional calculations are necessary to compensate for losses in entry, hood, transition, fan and exhaust exit. The compensating adjustments allow for the proper sizing of the fan and blower motor.

The final step required is to provide for make-up air to replace that which is exhausted.



MESH AIR FILTERS

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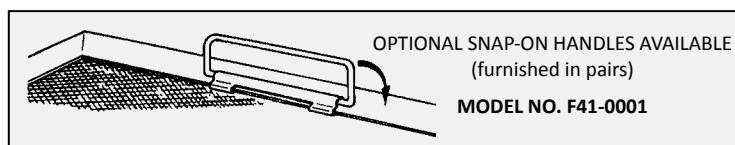
**ALUMINUM FRAMED
F40 SERIES**

**GALVANIZED STEEL FRAMED
F41 SERIES**

MESH TYPE AIR FILTERS STANDARD COMMERCIAL SIZES AVAILABLE IN ALUMINUM and GALVANIZED STEEL FRAMED MODELS

- RIGID HEAVY DUTY CONSTRUCTION • BEST PRICING
- CORROSION RESISTANT • ALL STEEL WIRE MESH DESIGN FOR
MAXIMUM CAPTURE OF DUST PARTICLES

HEIGHT & WIDTH		ALUMINUM FRAMED		GALVANIZED STEEL FRAMED	
SIZE: INCHES (mm)	MODEL NO.	PACKAGE WGT: LBS. (kg)	MODEL NO.	PACKAGE WGT: LBS. (kg)	
10 x 20 (254 x 508)	F40-1020	11 (5)	F41-1020	14 (6)	
16 x 20 (406 x 508)	F40-1620	18 (8)	F41-1620	23 (10)	
16 x 25 (406 x 635)	F40-1625	22 (10)	F41-1625	28(13)	
20 x 20 (508 x 508)	F40-2020	22 (10)	F41-2020	28 (13)	
20 x 25 (508 x 635)	F40-2025	26 (12)	F41-2025	33 (15)	



NOTE: Standard package consists of six filters. Nominal thickness is 2" (51mm). Actual thickness is 1-3/4"(44mm). Actual height and width are 7/16"(11mm) less than nominal sizes listed. Special size filters and 1"(25mm) filters are furnished without handles. Lift handles are available on application. All stainless steel (frame and media) models available on application.

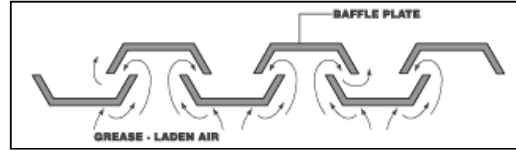
AIR DELIVERY DATA CHART

NET FACE VELOCITY	RESISTANCE IN INCHES OF W.G. NOMINAL THICKNESS		CFM CAPACITY BY SIZE			
FPM	1" INCH	2" INCH	16 x 20	16 x 25	20 x 20	20 x 25
267	.025	.020	467	597	600	768
356	.040	.038	623	796	800	1024
445	.067	.060	779	995	1000	1279
533	.100	.090	933	1192	1200	1532
622	.142	.129	1089	1391	1400	1788
711	---	.169	1244	1590	1600	2044
800	---	.218	1400	178	1800	2300



TYPE III BAFFLE GREASE FILTERS

A



FULL FILTER HEIGHT BAFFLES AND "FRAMELESS" CONSTRUCTION MAXIMIZE THE AVAILABLE CAPTURE AREA WHILE INCREASING THE FILTER'S FREE AREA.

TYPE III - STANDARD FIXED HEAVY DUTY STAINLESS STEEL BAFFLE

MODEL NO.	NOMINAL SIZE - H X W	ACTUAL SIZE - H X W X D	WT. PER FILTER
301616	16 x 16 (406mm x 406mm)	15-1/2 x 15-1/2 x 1-5/8	5.38 lbs (2.44 kg)
301620	16 x 20 (406mm x 508mm)	15-1/2 x 19-1/2 x 1-5/8	6.5 lbs (2.95 kg)
301625	16 x 25 (406mm x 635mm)	15-1/2 x 24-1/2 x 1-5/8	8 lbs (3.63 kg)
302016	20 x 16 (508mm x 406mm)	19-1/2 x 15-1/2 x 1-5/8	6.5 lbs (2.95 kg)
302020	20 x 20 (508mm x 508mm)	19-1/2 x 19-1/2 x 1-5/8	7.75 lbs (3.52 kg)
302025	20 x 25 (508mm x 635mm)	19-1/2 x 24-1/2 x 1-5/8	9.5 lbs (4.31 kg)

Holes for handles and brackets installed with filter purchase. All filters are available with special locking handles. **Add suffix "-MH"** to model number. Filters available with hook for use in Captive-Aire style hoods. **Add suffix "-H"** to model number.

CFM - Static Pressure
Static Pressure - Inches of H2O

	10x16	10x20	16x16	16x20	16x25	20x16	20x20	20x25	25x16	25x20
200	.34	.19	.12	.07	.05	.09	.04	.03	.05	.03
300	.84	.48	.33	.19	.12	.23	.11	.07	.13	.07
400	1.46	.83	.57	.33	.21	.41	.19	.13	.23	.13
500	2.27	1.28	.86	.50	.32	.61	.29	.195	.355	.195
600	3.27	1.86	1.27	.73	.46	.90	.42	.28	.52	.29
700	4.45	2.53	1.73	.99	.63	1.23	.57	.38	.70	.39
800	5.73	3.32	2.26	1.30	.82	1.59	.74	.49	.92	.505
900	7.38	4.19	2.87	1.64	1.04	2.04	.94	.64	1.17	.65
1000	9.13	5.15	3.47	2.03	1.28	2.49	1.17	.78	1.425	.79
1100		6.24	4.27	2.44	1.55	3.04	1.40	.95	1.74	.97
1200		7.38	5.08	2.92	1.84	3.59	1.67	1.13	2.07	1.15
1300		8.74	5.98	3.42	2.17	4.26	1.97	1.33	2.44	1.35
1400			6.92	3.95	2.52	4.93	2.28	1.54	2.82	1.56
1500			7.95	4.55	2.89	5.66	2.61	1.77	3.24	1.80

DIMENSIONS	NET FREE AREA
10 x 16	1.02
10 x 20	1.29
12 x 12	1.55
16 x 16	1.66
16 x 20	2.09
16 x 25	2.63
20 x 16	2.09
20 x 20	2.64
20 x 25	3.31
25 x 20	3.31

ALL TESTS CONDUCTED BY CEDRT-AIRE TECHNICAL SERVICES TO AMCA STANDARD 500-89



TYPE VI FILTERS - STAINLESS STEEL SPARK ARRESTOR

A

FEATURES AND BENEFITS

EFFICIENT AT GREASE EXTRACTION

As tested by Underwriters Laboratories of Canada it has been proven that Flame Gard Type VI-SA grease filters have an exceptionally high rate of grease extraction of any filter on the market today while still maintaining extremely low static pressures. Quoting U.L.C. File #CR1157 it was stated that the quantity of grease passing through the filter to the exhaust duct did not exceed 6% of the amount generated. refer to the U.L.C. Report contained in the technical section of our full line catalog.)

SIMPLE BUT EFFECTIVE BAFFLE DESIGN

The "U" shaped baffles were developed through extensive testing. The smooth, deep baffles cause the grease to drain off the filter quickly, and they resist flame penetration without disturbing the movement of air. Type VI-SA filters have more baffles per inch of filter which is a key factor in our high rate of grease extraction and out low static pressure. More baffles mean more grease impingement area and more paths for the air to flow smoothly and quickly through filter. These combined features make Flame Gard VI-SA's the most energy efficient filters availableX.

PTFE COATED BAFFLES

Our high rate of grease extraction is aided by a PTFE coated baffle. In the same manner that grease rolls off a PTFE coated pan, it rolls down our baffles, out of the filter and into the hood's remote collection cup. Because the filters retain only insignificant amounts of surface grease and do not load, you will have constancy of air flow throughout your operating day. In addition, Type VI-SA filters can be easily cleaned in a pot sink or dishwasher with simple detergent and hot water.

CLASSIFIED BAFFLE GREASE FILTER MEETS NFPA 96 REQUIREMENT FOR COOKING WITH SOLID FUEL SPARK ARRESTOR SCREEN

The 1/2" x 1" (13mm x 25mm) Spark Arrestor SCREEN meets NFPA 211 Requirement for Solid Fuel Burning Appliances

- ALL STEEL CONSTRUCTION
- ALL SIZES AVAILABLE
- NON-LOADING PTFE COATED BAFFLES
- LOW STATIC PRESSURE

NATIONAL FIRE PROTECTION ASSOCIATION NFPA 96, CHAPTER 11-5.1 STATES

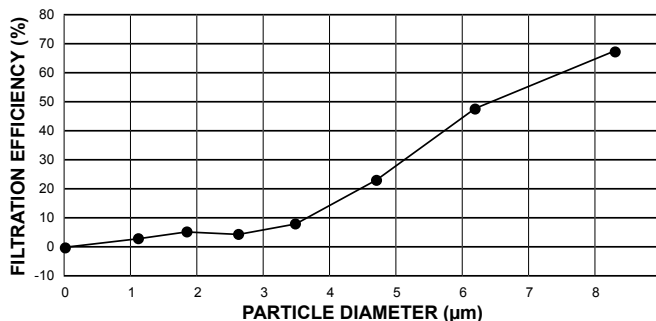
If airborne sparks and embers can be generated by the solid fuel cooking operation, spark arrestor devices shall be used prior to the grease removal device to minimize the entrance of these sparks and embers into the grease removal device and into the hood and duct system.

NFPA 211 CHAPTER 1.11.2 (B) STATES:

(b) The arrestor screen shall have heat and corrosion resistance equivalent to 19 gauge (0.011 in.) galvanized steel or 24 gauge (0.024 in.) stainless steel.

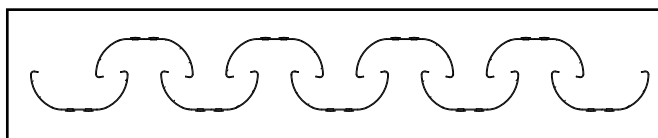
(c) Opening shall not permit the passage of spheres having a diameter larger than 1/2 in. (12.7mm) nor block the passage of spheres having a diameter of less than 3/8 in. (9.5mm).

DIMENSIONS	NET FREE AREA
10 X 16	106.905 IN ²
12 X 16	134.597 IN ²
12 X 20	172.266 IN ²
16 X 16	191.712 IN ²
16 X 20	245.365 IN ²
16 X 25	314.595 IN ²
20 X 10	136.824 IN ²
20 X 16	245.365 IN ²
20 X 20	314.034 IN ²
20 X 25	402.639 IN ²
25 X 20	402.639 IN ²



DISCLAIMER:

Graph is based on testing of 20 x 20 filter for comparison purposes only!



Baffle Profile



TYPE VI FILTERS - STAINLESS STEEL SPARK ARRESTOR

A



HIGH EFFICIENCY, LOW VOLUME BAFFLE GREASE FILTER WITH SPARK ARRESTOR FOR SOLID FUEL APPLICATIONS

- Superior grease impingement of even smallest grease particles
- Stainless steel construction for durability, corrosion resistance
- Self-balancing air flow throughout the entire length of the hood
 - Low static pressure ensures quiet operation
- Smooth surfaces permit constant grease run-off into hood collection trough
- Bright stainless finish is aesthetically pleasing, ideal for front of house installations
 - Safe, dependable flame barrier protection
 - Bail handles standard for easy installation, removal
- Meets NFPA 96 and NFPA 211 requirements for cooking with solid fuel

TYPE VI - STAINLESS STEEL SPARK ARRESTOR BAFFLE GREASE FILTERS

MODEL NO.	NOMINAL SIZE - H X W	ACTUAL SIZE - H X W X D	WT. PER FILTER	CASE QTY.
FR51-1016-SA	10" x 16" (254mm x 406mm)	9-5/8" x 15-3/4" x 1-3/4"	2.6 lbs (1.2 kg)	6
FR51-1216-SA	12" x 16" (305mm x 406mm)	11-5/8" x 15-3/4" x 1-3/4"	3.0 lbs (1.4 kg)	6
FR51-1220-SA	12" x 20" (305mm x 508mm)	11-5/8" x 19-5/8" x 1-3/4"	3.6 lbs (1.7 kg)	6
FR51-1616-SA	16" x 16" (406mm x 406mm)	15-3/4" x 15-3/4" x 1-3/4"	3.8 lbs (1.8 kg)	6
FR51-1620-SA	16" x 20" (406mm x 508mm)	15-3/4" x 19-5/8" x 1-3/4"	4.5 lbs (2.1 kg)	6
FR51-1625-SA	16" x 25" (406mm x 635mm)	15-3/4" x 24-5/8" x 1-3/4"	5.6 lbs (2.6 kg)	6
FR51-2010-SA	20" x 10" (508mm x 254mm)	19-5/8" x 9-5/8" x 1-3/4"	3.2 lbs (1.5 kg)	6
FR51-2016-SA	20" x 16" (508mm x 406mm)	19-5/8" x 15-3/4" x 1-3/4"	4.6 lbs (2.1 kg)	6
FR51-2020-SA	20" x 20" (508mm x 508mm)	19-5/8" x 19-5/8" x 1-3/4"	5.5 lbs (2.5 kg)	6
FR51-2025-SA	20" x 25" (508mm x 635mm)	19-5/8" x 24-5/8" x 1-3/4"	6.7 lbs (3.1 kg)	6
FR51-2520-SA	25" x 20" (635mm x 508mm)	24-5/8" x 19-5/8" x 1-3/4"	6.8 lbs (3.1 kg)	6



TYPE VI BAFFLE GREASE FILTERS

A



SELECTION CHART

ENGINEERING DATA

CFM –STATIC PRESSURE

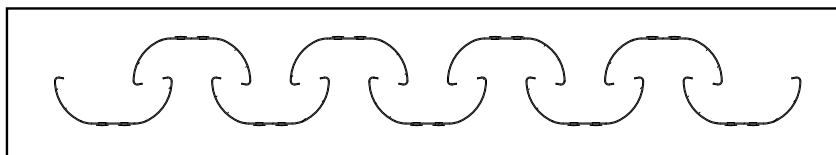
STATIC PRESSURE – INCHES OF H2O

Type VI Baffle Grease Filters (FA51, FG51 and FR51 Series)	
DIMENSIONS	NET FREE AREA (Sq. Ft.)
10 X 16	0.74
10 X 20	0.95
12 X 16	0.93
12 X 20	1.20
16 X 16	1.33
16 X 20	1.70
16 X 25	2.18
20 X 16	1.70
20 X 20	2.18
20 X 25	2.80
25 X 16	2.18
25 X 20	2.80

Size	10 x 16	10 x 20	12 x 16	12 x 20	16 x 16	16 x 20	16 x 25	20 x 16	20 x 20	20 x 25	25 x 16	25 x 20
200	.32	.16	.21	.11	.12	.06	.04	.07	.04	.05	.04	.02
250	.48	.25	.33	.17	.18	.09	.06	.11	.06	.09	.07	.04
300	.70	.35	.47	.25	.26	.13	.09	.16	.09	.12	.10	.06
350	.93	.48	.64	.34	.35	.18	.12	.21	.12	.17	.14	.08
400	1.22	.62	.83	.44	.46	.24	.16	.28	.16	.22	.18	.10
450	1.55	.79	1.05	.56	.58	.30	.20	.35	.20	.28	.23	.13
500	1.90	.97	1.29	.69	.71	.37	.25	.44	.25	.35	.28	.16
550	2.31	1.17	1.57	.83	.86	.45	.30	.52	.30	.42	.34	.19
600	2.73	1.40	1.85	.99	1.02	.53	.36	.61	.35	.50	.40	.22
650	3.22	1.64	2.20	1.16	1.20	.62	.42	.71	.41	.59	.47	.25
700	3.76	1.92	2.53	1.35	1.39	.72	.49	.81	.47	.68	.55	.29
750	4.31	2.19	2.92	1.56	1.61	.84	.56	.93	.55	.78	.63	.34
800	4.90	2.50	3.39	1.80	1.82	.96	.64	1.10	.63	.90	.72	.38
850	5.52	2.82	3.86	2.00	2.07	1.06	.71	1.22	.71	1.00	.80	.43
900	6.20	3.13	4.31	2.24	2.28	1.18	.79	1.39	.79	1.15	.89	.48
950	6.84	3.50	4.78	2.48	2.52	1.29	.88	1.52	.90	1.27	.99	.53
1000	7.58	3.88	5.31	2.75	2.81	1.42	.98	1.69	.98	1.40	1.10	.59

CFM PER FILTER – (75F AIR)

ALL TESTS CONDUCTED BY RTI INTERNATIONAL TO AMCA STANDARD 500-89



Our Type VI filters offer high performance at an economical price. The unique rounded baffle design maximizes grease impingement and facilitates cleaning.



FILTER HOOK KIT

FOR TYPE VI FILTERS

- STAINLESS STEEL
- CONVERTS STANDARD FILTER FOR USE IN CAPTIVE AIR HOODS

MODEL NO.	QTY
FR51-X015	1 Pair



TYPE VI BAFFLE GREASE FILTERS

A

TYPE VI - STAINLESS STEEL BAFFLE GREASE FILTERS

MODEL NO.	NOMINAL SIZE - H X W	ACTUAL SIZE - H X W X D	WT. PER FILTER
FR51-1016	10" x 16" (254mm x 406mm)	9-5/8" x 15-3/4" x 1-3/4"	2.6 lbs (1.2 kg)
FR51-1020	10" x 20" (254mm x 508mm)	9-5/8" x 19-5/8" x 1-3/4"	3.2 lbs (1.5 kg)
FR51-1216	12" x 16" (305mm x 406mm)	11-5/8" x 15-3/4" x 1-3/4"	3.0 lbs (1.4 kg)
FR51-1220	12" x 20" (305mm x 508mm)	11-5/8" x 19-5/8" x 1-3/4"	3.6 lbs (1.7 kg)
FR51-1616	16" x 16" (406mm x 406mm)	15-3/4" x 15-3/4" x 1-3/4"	3.8 lbs (1.8 kg)
FR51-1620	16" x 20" (406mm x 508mm)	15-3/4" x 19-5/8" x 1-3/4"	4.5 lbs (2.1 kg)
FR51-1625	16" x 25" (406mm x 635mm)	15-3/4" x 24-5/8" x 1-3/4"	5.6 lbs (2.6 kg)
FR51-2016	20" x 16" (508mm x 406mm)	19-5/8" x 15-3/4" x 1-3/4"	4.6 lbs (2.1 kg)
FR51-2020	20" x 20" (508mm x 508mm)	19-5/8" x 19-5/8" x 1-3/4"	5.5 lbs (2.5 kg)
FR51-2025	20" x 25" (508mm x 635mm)	19-5/8" x 24-5/8" x 1-3/4"	6.7 lbs (3.1 kg)
FR51-2516	25" x 16" (635mm x 406mm)	24-5/8" x 15-3/4" x 1-3/4"	5.7 lbs (2.6 kg)
FR51-2520	25" x 20" (635mm x 508mm)	24-5/8" x 19-5/8" x 1-3/4"	6.8 lbs (3.1 kg)

TYPE VI - GALVANIZED BAFFLE GREASE FILTERS

MODEL NO.	NOMINAL SIZE - H X W	ACTUAL SIZE - H X W X D	WT. PER FILTER
FG51-1020	10" x 20" (254mm x 508mm)	9-5/8" x 19-5/8" x 1-3/4"	3.2 lbs (1.5 kg)
FG51-1220	12" x 20" (305mm x 508mm)	11-5/8" x 19-5/8" x 1-3/4"	3.6 lbs (1.7 kg)
FG51-1616	16" x 16" (406mm x 406mm)	15-3/4" x 15-3/4" x 1-3/4"	3.8 lbs (1.8 kg)
FG51-1620	16" x 20" (406mm x 508mm)	15-3/4" x 19-5/8" x 1-3/4"	4.5 lbs (2.1 kg)
FG51-1625	16" x 25" (406mm x 635mm)	15-3/4" x 24-5/8" x 1-3/4"	5.6 lbs (2.6 kg)
FG51-2016	20" x 16" (508mm x 406mm)	19-5/8" x 15-3/4" x 1-3/4"	4.6 lbs (2.1 kg)
FG51-2020	20" x 20" (508mm x 508mm)	19-5/8" x 19-5/8" x 1-3/4"	5.5 lbs (2.5 kg)
FG51-2025	20" x 25" (508mm x 635mm)	19-5/8" x 24-5/8" x 1-3/4"	6.7 lbs (3.1 kg)
FG51-2516	25" x 16" (635mm x 406mm)	24-5/8" x 15-3/4" x 1-3/4"	5.7 lbs (2.6 kg)
FG51-2520	25" x 20" (635mm x 508mm)	24-5/8" x 19-5/8" x 1-3/4"	6.8 lbs (3.1 kg)

TYPE VI - ALUMINUM BAFFLE GREASE FILTERS

MODEL NO.	NOMINAL SIZE - H X W	ACTUAL SIZE - H X W X D	WT. PER FILTER
FA51-1016	10" x 16" (254mm x 406mm)	9-5/8" x 15-3/4" x 1-3/4"	1.0 lbs (0.5 kg)
FA51-1020	10" x 20" (254mm x 508mm)	9-5/8" x 19-5/8" x 1-3/4"	1.2 lbs (0.6 kg)
FA51-1216	12" x 16" (305mm x 406mm)	11-5/8" x 15-3/4" x 1-3/4"	1.1 lbs (0.6 kg)
FA51-1220	12" x 20" (305mm x 508mm)	11-5/8" x 19-5/8" x 1-3/4"	1.4 lbs (0.7 kg)
FA51-1616	16" x 16" (406mm x 406mm)	15-3/4" x 15-3/4" x 1-3/4"	1.4 lbs (0.7 kg)
FA51-1620	16" x 20" (406mm x 508mm)	15-3/4" x 19-5/8" x 1-3/4"	1.7 lbs (0.8 kg)
FA51-1625	16" x 25" (406mm x 635mm)	15-3/4" x 24-5/8" x 1-3/4"	2.1 lbs (1.0 kg)
FA51-2016	20" x 16" (508mm x 406mm)	19-5/8" x 15-3/4" x 1-3/4"	1.7 lbs (0.8 kg)
FA51-2020	20" x 20" (508mm x 508mm)	19-5/8" x 19-5/8" x 1-3/4"	2.1 lbs (1.0 kg)
FA51-2025	20" x 25" (508mm x 635mm)	19-5/8" x 24-5/8" x 1-3/4"	2.5 lbs (1.2 kg)
FA51-2520	25" x 20" (635mm x 508mm)	24-5/8" x 19-5/8" x 1-3/4"	2.5 lbs (1.2 kg)

Holes for handles and brackets installed with filter purchase. All filters are available with special locking handles.
Add suffix "-MH" to model number. Mounting clips required for Captive Aire hoods – FR51-X015 (pair).



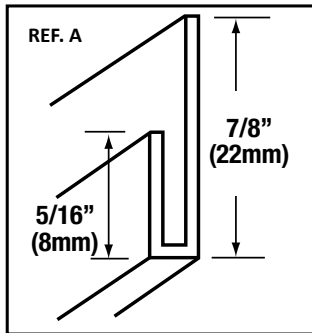
CUSTOM SOLUTIONS

CAP STRIP AND DIVIDER BAR

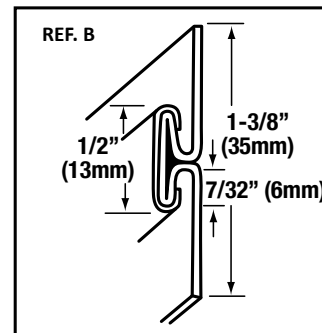
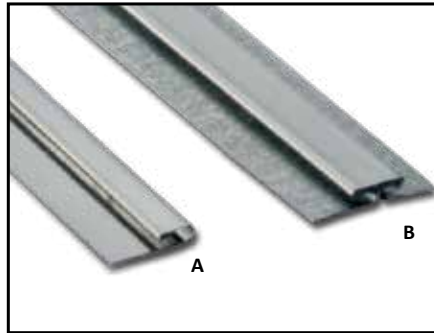
A

MOULDINGS AND DIVIDERS

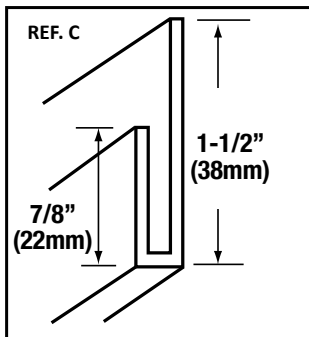
- NEW EXTRA WIDE PROFILE FOR EASIER INSTALLATION
- ALL STAINLESS STEEL CONSTRUCTION
- ACCEPTS 1/16" (1.6mm) WALL FLASHING MATERIAL
- GRAIN OF FINISH MATCHES WALL LINING
- AVAILABLE IN VARIOUS LENGTHS TO MINIMIZE SCRAP
- INDIVIDUALLY PLASTIC SLEEVED FOR PROTECTION OF FINISH
- CAP STRIP HAS HEMMED EDGE FOR SAFETY



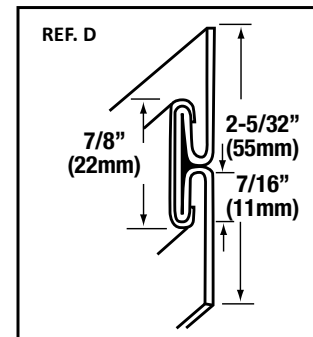
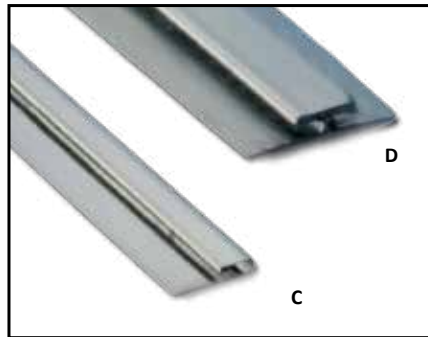
STAINLESS STEEL CAP STRIP FOR 1/16" (1.6mm) MATERIAL, #4 SATIN FINISH
MODEL NO. J63-1451
 7 FT (2.1m) LENGTH
MODEL NO. J63-1451-8
 8 FT (2.4m) LENGTH
MODEL NO. J63-1451-9
 9 FT (2.7m) LENGTH
MODEL NO. J63-1451-10
 10 FT (3m) LENGTH



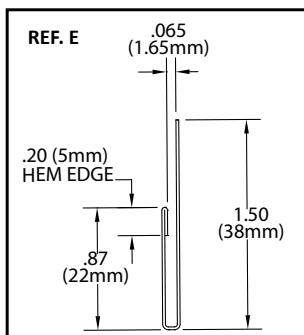
STAINLESS STEEL DIVIDER BAR WITH GALVANIZED BACK PLATE FOR 1/16" (1.6mm) MATERIAL, BRIGHT FINISH
MODEL NO. J64-1450
 7 FT (2.1m) LENGTH
MODEL NO. J64-1450-8
 8 FT (2.4m) LENGTH
MODEL NO. J64-1450-9
 9 FT (2.7m) LENGTH
MODEL NO. J64-1450-10
 10 FT (3m) LENGTH



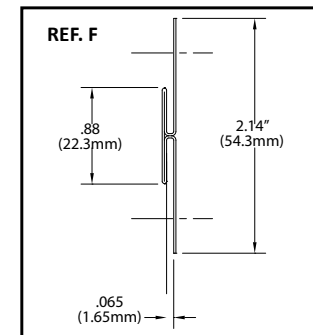
EXTENDED LENGTH STAINLESS STEEL CAP STRIP FOR 1/16" (1.6mm) MATERIAL, #4 SATIN FINISH
MODEL NO. J63-1651-78
 6.5 FT (2m) LENGTH
MODEL NO. J63-1651-120
 10 FT (3m) LENGTH



EXTENDED LENGTH STAINLESS STEEL DIVIDER BAR WITH S/S BACK PLATE FOR 1/16" (1.6mm) MATERIAL, #4 SATIN FINISH
MODEL NO. J64-1651-78
 6.5 FT (2m) LENGTH
MODEL NO. J64-1651-120
 10 FT (3m) LENGTH



EXTENDED WIDE 304 STAINLESS STEEL CAP STRIP FOR 1/16" (1.6mm) MATERIAL, #4 SATIN FINISH
MODEL NO. J63-2651-84
 7 ft (2.1m) LENGTH
MODEL NO. J63-2651-120
 10 ft (3m) LENGTH



EXTENDED WIDE 304 STAINLESS STEEL DIVIDER BAR WITH S/S BACK PLATE FOR 1/16" (1.6mm) MATERIAL #4 SATIN FINISH
MODEL NO. J64-2651-84
 7 ft (2.1m) LENGTH
MODEL NO. J64-2651-120
 10 ft (3m) LENGTH



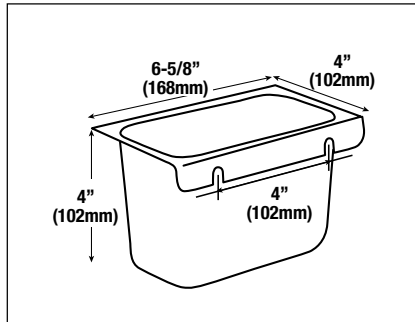
REMOVABLE STAINLESS STEEL CANOPY HOOD GREASE CUPS

- CONFORMS TO NFPA REQUIREMENTS



**KEYHOLE MOUNT CUP
MODEL NO. F15-4000-C**

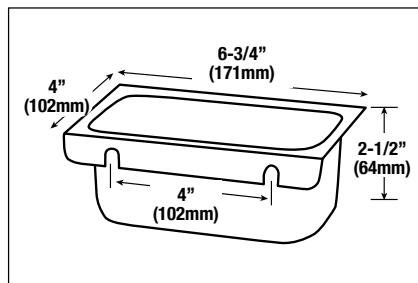
Size: 4" x 6-5/8" x 4" DEEP
(102mm x 168mm x 102mm)



**KEYHOLE MOUNT CUP
MODEL NO. F15-2500-C**

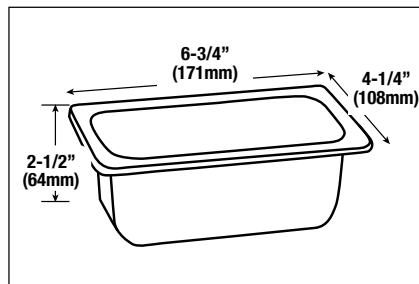
Size: 4" x 6-3/4" x 2-1/2" DEEP
(102mm x 171mm x 64mm)

10° MOUNTING
ANGLE



**SIDE MOUNT CUP
MODEL NO. F15-0019**

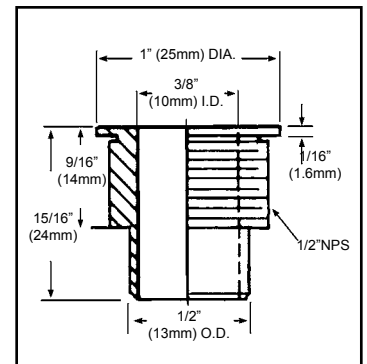
Size: 4-1/4" x 6-3/4" x 2-1/2" DEEP
(108mm x 171mm x 64mm)



**NICKEL PLATED BRASS
CANOPY HOOD DRAIN**

- DESIGNED FOR DRAINING GREASE FROM TROUGH TO GREASE CUP
- SUPPLIED WITH LOCKNUT AND WASHER
- FITS 1/2" (13mm) I.D. HOSE OR 3/8" (9.5mm) O.D. TUBING

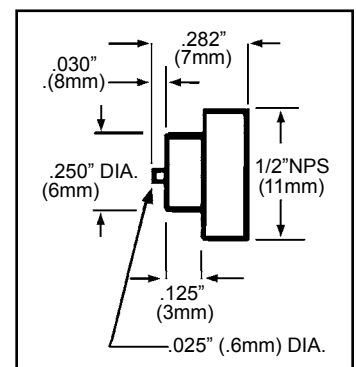
MODEL NO. F10-1187



**STAINLESS STEEL KEYHOLE
WELD STUDS**

- MOUNTING KEYHOLE GREASE CUPS

MODEL NO. Q37-0250

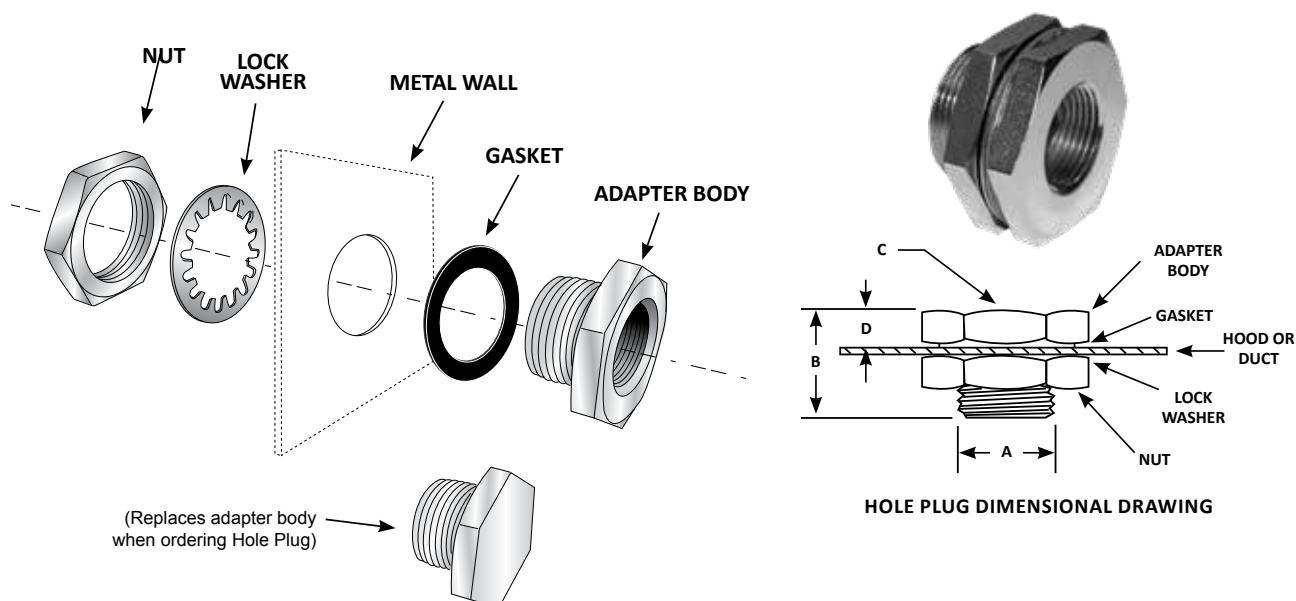


QUICK-TITE® FITTINGS

A



- USED AS THROUGH-PENETRATION FITTINGS IN COOKING HOOD SYSTEMS
- PROVIDES STRUCTURAL SUPPORT FOR THE SYSTEM PIPING, IMPROVING SYSTEM INTEGRITY AND REDUCING THE NEED FOR ADDITIONAL PIPE HANGERS • PRESSURE TESTED TO 5000 PSI
- IN CONFORMANCE WITH THE REQUIREMENTS OF NFPA STANDARD NO. 96
- MANUFACTURED OF SOLID MACHINED STEEL FOR SUPERIOR STRENGTH AND HIGH TEMPERATURE RESISTANCE
- ATTRACTIVE CHROME PLATED FINISH MAXIMIZES CORROSION RESISTANCE
- INTERNAL PIPE THREADS PERMIT EASY COUPLING OF THE PIPES AT THE POINT OF PENETRATION



STANDARD FITTINGS

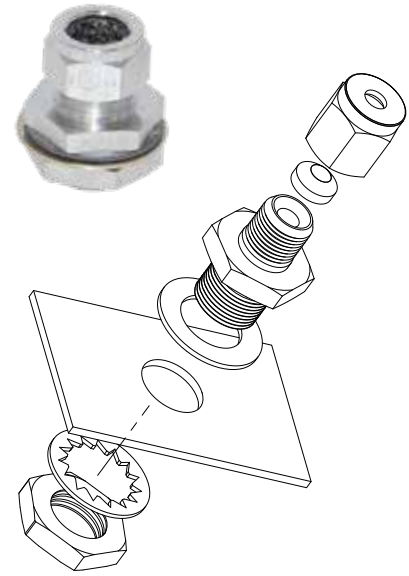
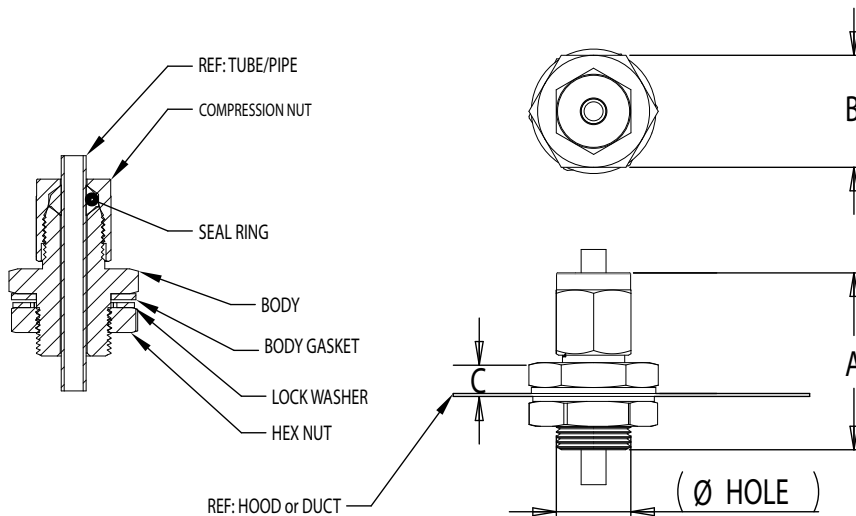
MODEL NO.	QUICK-TITE FITTING	HOLE CUT OUT SIZE (A)	WT. PER FITTING	B	C	D
F11-0014	1/4" NPSM Pipe	3/4" (19mm)	.15 lb (.07 kg)	.88	1.125 HEX	.31
F11-0038	3/8" NPT Pipe	1-1/8" (29mm)	.36 lb (.16 kg)	1.00	1.5 HEX	.37
F11-0012	1/2" NPT Pipe	1-1/8" (29mm)	.35 lb (.16 kg)	1.14	1.5 HEX	.37
F11-0034	3/4" NPT Pipe	1-3/8" (35mm)	.52 lb (.24 kg)	1.26	1.88 HEX	.37
F11-0100	1" NPT Pipe	1-5/8" (41mm)	.852 lb (.39 kg)	1.5	2.25 HEX	.44
F11-0114	1-1/4" NPT Pipe	2" (51mm)	.97 lb (.44 kg)	1.5	2.5 HEX	.44
F11-0112	1-1/2" NPT Pipe	2-1/4" (57mm)	1.18 lbs (.54 kg)	1.5	2.75 HEX	.44

CORNER PULLEYS

F11-0012A	7/8"-20 x 1/2" NPT	.97 lb (.44 kg)	1.14	1.5 HEX	.37
F11-0012B	15/16"-20 x 1/2" NPT	1.18 lbs (.54 kg)	1.14	1.5 HEX	.37



QUICK-TITE® FITTINGS AND HOLE PLUGS



COMPRESSION FITTINGS

MODEL NO.	QUICK-TITE FITTING	HOLE CUT OUT SIZE	WT. PER FITTING	A	B	C
F15-250T	1/4" (6mm) Tube	3/4" (19mm)	.15 lb (.07 kg)	1.8	1.125 HEX	.31
F15-375T	3/8" (10mm) Tube	3/4" (19mm)	.36 lb (.16 kg)	1.8	1.125 HEX	.31
F15-500T250P	1/2" (13mm) Tube & 1/4" (6mm) Pipe	3/4" (19mm)	.21 lb (10 kg)	1.8	1.125 HEX	.31
F15-625T375P	5/8" (16mm) Tube & 3/8" (10mm) Pipe	1-1/8" (29mm)	.35 lb (.16 kg)	2.0	1.5 HEX	.37
F15-500EMT	1/2" (13mm) EMT Conduit	1-1/8" (29mm)	.52 lb (24 kg)	2.0	1.5 HEX	.37
F15-750P	3/4" (19mm) Pipe	1-3/8" (35mm)	.97 lb (.44 kg)	2.37	1.875 HEX	.37
F15-1000P	1" (25mm) Pipe	1-5/8" (41mm)	1.18 lbs (.54 kg)	2.5	2.25 HEX	.44



QUICK-TITE® HOLE PLUGS

- QUICK-TITE HOLE PLUGS ARE DESIGNED TO PROVIDE A POSITIVE SEAL OR PATCH FOR EXISTING PENETRATIONS THAT ARE NO LONGER REQUIRED
- IDEAL TO REPAIR UNWANTED HOLES AS A RESULT OF CHANGES TO A FIRE PROTECTION SYSTEM, MOVING THE LOCATION OF A FIRE SUPPRESSION NOZZLE, DRILLING A HOLE AT THE WRONG LOCATION OR USING A HOOD/ DUCT WITH PREVIOUSLY DRILLED HOLES
- QUICK-TITE HOLE PLUGS ARE EASY TO INSTALL AND PROVIDE AN ATTRACTIVE, FINISHED APPEARANCE TO MATCH FITTINGS
 - AVAILABLE FOR FIVE STANDARD HOLE SIZES - 3/4", 7/8", 1-1/8", 1-3/8", AND 1-5/8"

MODEL NO.	HOLE SIZE	WT. PER HOLE PLUG
F12-0034	3/4" (19mm) to 7/8" (22mm)	3.2 oz (91 g)
F12-0078	7/8" (22mm) to 1" (25mm)	4.8 oz (136 g)
F12-0118	1-1/8" (29mm) to 1-5/16" (33mm)	7.2 oz (204 g)
F12-0138	1-3/8" (35mm) to 1-9/16" (40mm)	12.8 oz (363 g)
F12-0158	1-5/8" (41mm) to 1-7/8" (48mm)	21.6 oz (612 g)



QUICK-TITE® PITOT TUBE TEST PORT

- 1/2" THREADED PLUG PROVIDES EASY ACCESS FOR STANDARD SIZE PITOT TUBE AIR BALANCING INSTRUMENTS
- SPECIFICALLY DESIGNED FOR COMMERCIAL GREASE DUCTS
 - HIGH TEMPERATURE GASKET FOR A LIQUID-TIGHT SEAL
 - SOLID MACHINED STEEL CONSTRUCTION FOR SUPERIOR STRENGTH AND HIGH TEMPERATURE RESISTANCE
 - CHROME PLATED FINISH FOR ATTRACTIVE APPEARANCE AND MAXIMUM CORROSION RESISTANCE
- COST EFFECTIVE ALTERNATIVE TO WELDING AND POLISHING
 - PROVIDES A STABLE, WELD-TIGHT JOINT
- CONFORMS TO REQUIREMENTS OF NFPA STANDARD NO. 96
- UL TESTED AND LISTED UNDER HOOD & DUCT ACCESSORIES FOR USE IN USA AND CANADA

MODEL NO. F11-004



CUSTOM SOLUTIONS

FAN ACCESSORIES AND MULTI-VALVE DAMPERS

A

FAN HINGE KIT

Component Hardware hinge kits are the affordable solution to the fire code requirement for hinging commercial kitchen exhaust fans. Installation is simple and takes less than 30 minutes. They'll save the owner money for years to come by providing optimal accessibility, allowing the technician to clean the fan and ductwork quickly and safely.

- HEAVY DUTY, 10 GAUGE CORROSION RESISTANT STEEL • FITS MOST COMMERCIAL FAN BASES
- ALLOWS FAN TO BE LIFTED BACK TO A FULL 90° ANGLE • SAFETY CHAINS SUPPORT FAN WHILE IN OPEN POSITION FOR SAFE ACCESS TO FAN AND DUCT



MODEL NO.	SHIPPING WT.	CASE QTY.
FG74-0506	5 lbs (2.3 kg)	1

FAN ACCESS PANEL

NFPA 96-8.1.5.3.1 requires all upblast fans to be supplied with an access opening of at least 4" in diameter for cleaning and inspection of the fan blades. The FG99-0005 is 5" in diameter, and is easy to install from the outside of the fan. Constructed of high strength HNBR rubber bonded to closed cell foam and zinc plated steel metal components, this fan access panel will hold up to the harshest weather, grease, and cleaning compounds.



MODEL NO.	WEIGHT	CASE QTY.
FG99-0005	1 lb (.45 kg)	1

SINGLE DEFLECTION MULTI-VALVE DAMPERS

- EXTRUDED ANODIZED ALUMINUM TO MATCH STAINLESS STEEL • AERODYNAMIC FIN DESIGN • OTHER SIZES AVAILABLE UPON APPLICATION
- HORIZONTAL DAMPERS AVAILABLE ON SPECIAL APPLICATION • (ON SPECIAL APPLICATION ORDERS ALLOW TWO WEEKS FOR DELIVERY FROM RECEIPT OF ORDER) • FOR OVERALL DIMENSIONS ADD 1-3/4" (44mm) TO LISTED WIDTH AND LENGTH



90 VML SERIES SINGLE DEFLECTION MULTI-VALVE DAMPERS

MODEL NO.	DUCT SIZE (ACTUAL HOLE SIZE)	CASE QTY.
90VML-20X4	20" x 4" (508mm x 102mm)	10
90VML-24X4	24" x 4" (610mm x 102mm)	10
90VML-24X6	24" x 6" (610mm x 152mm)	10
90VML-24X8	24" x 8" (610mm x 203mm)	10
90VML-24X10	24" x 10" (610mm x 254mm)	5
90VML-24X12	24" x 12" (610mm x 305mm)	5
90VML-30X6	30" x 6" (762mm x 152mm)	10
90VML-36X6	36" x 6" (914mm x 152mm)	16





3oz Tube

SILICONE SEALANT

- 10.3 oz (305ml)
- NSF LISTED • FDA APPROVED
- AVAILABLE IN CLEAR, BRIGHT ALUMINUM, WHITE, BLACK AND RED (HI-TEMP)
- FITS ALL STANDARD CAULKING GUNS
 - U.L. RECOGNIZED
- MEETS FDA EXTRACTION REQUIREMENT NO. 21 CFR177.2600
- FURNISHED WITH REMOVABLE TIP

MODEL NO.	COLOR	MAX. SERVICE	CASE QTY.
M90-1010	Clear	392°F (200°C)	12
M90-1012	Aluminum	392°F (200°C)	12
M90-1014	White	392°F (200°C)	12
M90-1016	Black	392°F (200°C)	12
M90-1018	Hi Temp Red	500°F (260°C)	12

ALSO AVAILABLE IN 3 oz (85g) TUBES
CLEAR: M90-0310 ALUMINUM: M90-0312 WHITE: M90-0314
 PACKAGED 20 PER PACK
 5 GALLON (19 liter): **MODEL NO. M90-5012**



GREASE INTERCEPTOR

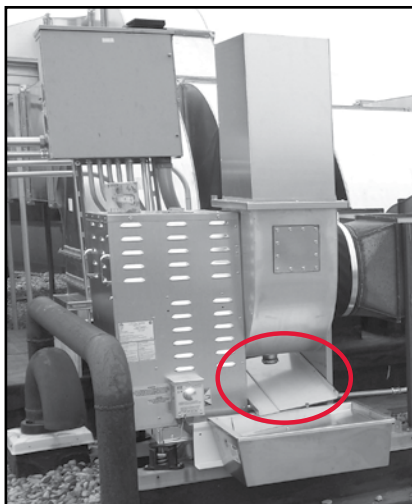
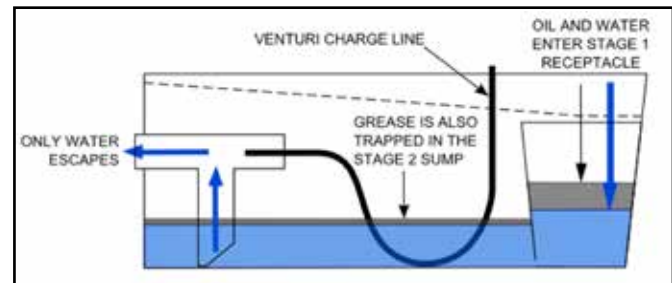
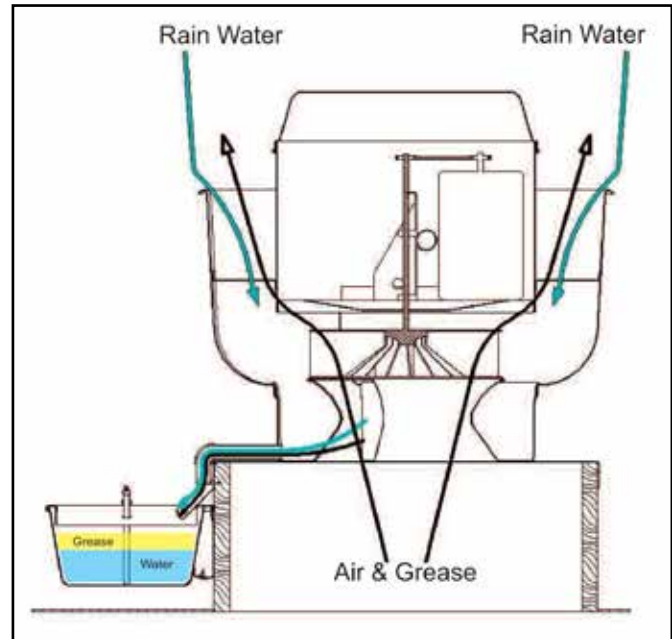
A



GREASE REMOVAL SYSTEM FOR EXHAUST FANS

- EASY ONE-MAN INSTALLATION – ONLY 5 SCREWS
- HELPS PREVENT GREASE SPILLAGE LEADING TO COSTLY ROOF DAMAGE, WATER CONTAMINATION, AND FIRE/SAFETY HAZARDS
- PREVENTS GREASE BOX OVERFLOW BY ALLOWING CLEAN RAINWATER TO ESCAPE WHILE CONTAINING GREASE
- NO COSTLY FILTER MEDIA • NO ROOF PENETRATIONS
- SIMPLIFIES HOOD CLEANING PROCESS • 304 SS CONSTRUCTION
- 24-1/8" (613mm) L x 15-5/6" 9402mm) W x 7-5/9" (192mm) H
 - NO MOVING PARTS, NO MAINTENANCE
 - MEETS REQUIREMENTS OF NFPA 96-2017
 - 3 YEAR WARRANTY

MODEL NO. EFI-UB



DIVERTER TROUGH FOR UTILITY "SQUIRREL CAGE" FANS

MODEL NO.	DESCRIPTION
EFI-SQL	Large
EFI-SQS	Small



GASKET REPAIR KIT, ACCESS PANELS AND HI-TEMP ACCESS DOORS

A

GASKET REPAIR KIT


- EXTEND THE SERVICE LIFE OR REPAIR OF UL FIRE RATED ACCESS DOORS
- GASKET MATERIAL MAXIMUM SERVICE TEMPERATURE IS RATED TO 2,300°F, 1260°C
 - SILICONE ADHESIVE IS UL CLASSIFIED AND FACTORY MUTUAL APPROVED
 - UL APPROVED GASKET AND ADHESIVE MUST BE USED TOGETHER TO RETAIN THE UL LISTING ON YOUR COMPONENT HARDWARE ACCESS PANEL
- KIT INCLUDES ENOUGH MATERIAL TO REPAIR 7-16 ACCESS DOORS, DEPENDING ON DOOR SIZES

REPAIR KIT INCLUDES

- 1 TUBE - SIL300 HIGH TEMPERATURE SILICONE ADHESIVE, 10.3 OZ (305ml) CARTRIDGE WITH REMOVABLE TIP
- 1 ROLL - HIGH TEMPERATURE SILICA CLOTH GASKET, .090 (2.3mm) THICK X 1.5" (38mm) WIDTH X 50' (15m) LENGTH

MODEL NO.	SHIPPING WT.	CASE QTY.
750002	3.5 lbs (1.6 kg)	1

SIL300 SILICONE FIRESTOP SEALANT IS:

<p>FILL, VOID OR CAVITY MATERIAL CLASSIFIED BY UNDERWRITERS LABORATORIES INC. ® FOR USE IN THROUGH-PENETRATION FIRESTOP SYSTEMS.</p> <p>SEE UL FIRE RESISTANCE DIRECTORY UNDERWRITERS LABORATORIES ® CLASSIFIED WALL PROTECTION MATERIAL. SEE PRODUCT CATEGORY IN UL FIRE RESISTANCE DIRECTORY</p> <p>CLASSIFIED FILL, VOID, OR CAVITY MATERIALS FOR USE IN THROUGH-PENETRATION FIRESTOP SYSTEMS. SEE UL DIRECTORY OF PRODUCTS CERTIFIED FOR CANADA AND UL FIRE RESISTANCE DIRECTORY</p>	 <p>FM APPROVED</p>
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MAKE-UP AIR DUCT ACCESS PANEL

UNINSULATED ACCESS PANEL PROVIDES EASY ACCESS INTO MAKE-UP AIR DUCTS. SIMPLE TO INSTALL; SELF-ADHESIVE TEMPLATE PROVIDED.
OPENS AND CLOSSES WITHOUT TOOLS.



MODEL NO.	SIZE	CASE QTY.	SHIPPING WT.
760804-D14	4" x 8" (102mm x 203mm)	1	4 lbs (1.81 kg)

HI-TEMP ACCESS DOORS

- HI-TEMP ACCESS DOOR IS SOLID, LEAK RESISTANT AND CONSISTS OF TWO LAYERS OF STAMPED, HOT DIPPED GALVANIZED STEEL AND ONE 16 GAUGE BLACK IRON BACKING PLATE
- HI-TEMPERATURE CERAMIC FIBER GASKET - RATED 2300°F (1260°C) MAX-MEETS NFPA 96 STANDARDS IS PERMANENTLY BONDED TO THE OUTSIDE PANEL OF THE ACCESS DOOR
- ZINC PLATED CONICAL SPRINGS ARE INSTALLED, BETWEEN THE INNER AND OUTER PLATES, TO FACILITATE OPENING
- ZINC COATED WING NUTS ARE EASILY TURNED BY HAND • NO MEASURING (SELF-ADHESIVE TEMPLATE PROVIDED)
- 6" BREAK-AWAY STUDS PERMIT INSTALLATIONS WITH FIRE WRAP INSULATION. STUDS MAY BE BROKEN AT 2" (102mm) FOR STANDARD INSTALLATIONS.



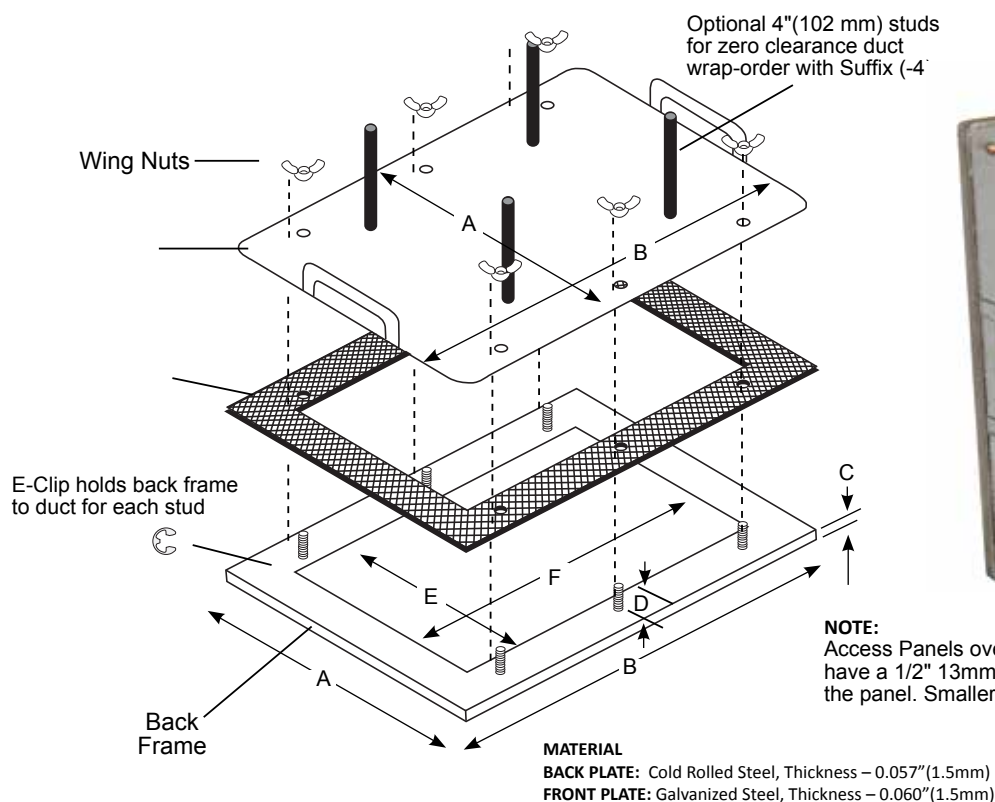
MODEL NO.	SIZE	CASE QTY.	SHIPPING WT.
ACC-10X6	10" x 6" (254mm x 152mm)	6	4 lbs (1.8 kg)
ACC-12X8	12" x 8" (305mm x 203mm)	6	5 lbs (2.3 kg)
ACC-18X14	18" x 14" (457mm x 356mm)	6	11 lbs (5 kg)



FLAT ACCESS DOORS – UL FIRE RATED

A

- EASY TO CLEAN AND EASY TO INSTALL
- GASKET RATED TO 2300°F (1260°C) FOR FIRE TIGHT SEAL
- GASKET IS HIGH-TEMP BONDED TO FRONT PANEL
- AVAILABLE WITH EXTENDED STUDS TO ACCOMMODATE FIRE WRAP FOR FLAT DUCT APPLICATIONS
- HEAVY-DUTY 16 GAUGE STEEL CONSTRUCTION
- STAINLESS STEEL MODEL AVAILABLE
- NO MINIMUM ORDER REQUIREMENTS
- POSITIVE BOLT PATTERN ENSURES FIRE-SAFE CLOSURE
- BACK FRAME REINFORCES DUCT CUT-OUT
- STANDARD AND CUSTOM SIZES AVAILABLE
- NFPA 96 COMPLIANT



NOTE:
 Access Panels over 7" x 7" (178mm x 178mm) have a 1/2" (13mm) turndown to add rigidity to the panel. Smaller sizes do not have a turndown.

MODEL NO.	PANEL OUTSIDE DIMENSION		PANEL HEIGHT	STUD HEIGHT	HOLE SIZE		MTG STUDS
	A	B			E	F	
750710	7" (178mm)	10" (254mm)	FLAT	1" (25mm)	5.5" (140mm)	8.5" (216mm)	6
750715	7" (178mm)	15" (381mm)	FLAT	1" (25mm)	5.5" (140mm)	13.5" (343mm)	6
750723	7" (178mm)	23" (584mm)	FLAT	1" (25mm)	5.5" (140mm)	21.5" (546mm)	10
750606	8" (203mm)	8" (203mm)	FLAT	1" (25mm)	6" (152mm)	6" (152mm)	4
750707	10" (254mm)	10" (254mm)	.5" (13mm)	1" (25mm)	7" (178mm)	7" (178mm)	4
750712	10" (254mm)	15" (381mm)	.5" (13mm)	1" (25mm)	7" (178mm)	12" (305mm)	6
750720	10" (254mm)	23" (584mm)	.5" (13mm)	1" (25mm)	7" (178mm)	20" (508mm)	10
751212	15" (381mm)	15" (381mm)	.5" (13mm)	1" (25mm)	12" (305mm)	12" (305mm)	8
751220	15" (381mm)	23" (584mm)	.5" (13mm)	1" (25mm)	12" (305mm)	20" (508mm)	14
751620	19" (483mm)	23" (584mm)	.5" (13mm)	1" (25mm)	16" (406mm)	20" (508mm)	16
752020	23" (584mm)	23" (584mm)	.5" (13mm)	1" (25mm)	20" (508mm)	20" (508mm)	16

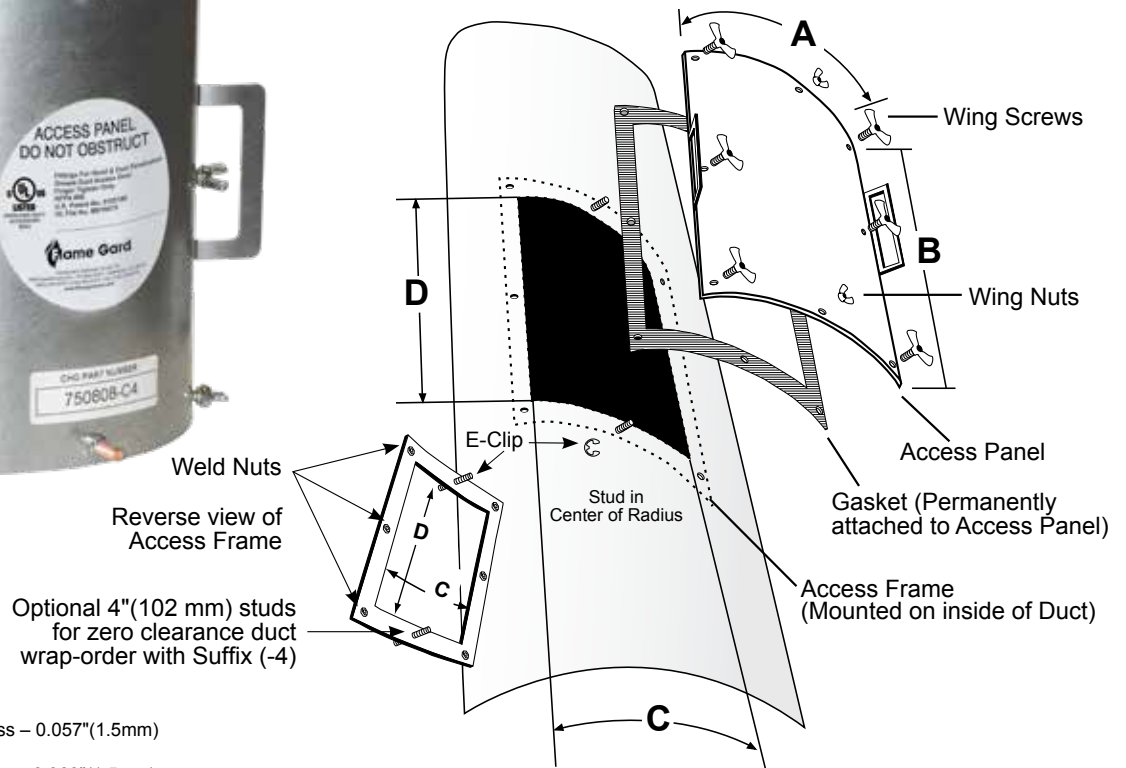
For custom sizes use order form ORD-FG-CFAD



CURVED ACCESS DOORS – UL FIRE RATED

A

- EASY TO CLEAN AND EASY TO INSTALL
- GASKET RATED TO 2300°F (1260°C) FOR FIRE TIGHT SEAL
- GASKET IS HIGH-TEMP BONDED TO FRONT PANEL
- AVAILABLE WITH EXTENDED STUDS TO ACCOMMODATE FIRE WRAP FOR CURVED DUCT APPLICATIONS
- HEAVY-DUTY 16 GAUGE STEEL CONSTRUCTION
- STAINLESS STEEL MODEL AVAILABLE
- NO MINIMUM ORDER REQUIREMENTS
- POSITIVE BOLT PATTERN ENSURES FIRE-SAFE CLOSURE
- BACK FRAME REINFORCES DUCT CUT-OUT
- STANDARD AND CUSTOM SIZES AVAILABLE
- NFPA 96 COMPLIANT



Cold Rolled Steel, Thickness – 0.057"(1.5mm)

Galvanized Steel, Thickness – 0.060"(1.5mm)

NOTE:

The cut out dimension C should be 70% or less than the Duct Diameter for proper fit.

MODEL NO.	PANEL OUTSIDE DIMENSIONS		HOLE SIZE	
	A	B	C	D
750505-C	6.75" (167mm)	6.75" (171mm)	5.06" (129mm)	5.25" (133mm)
750511-C	6.75" (165mm)	12.75" (324mm)	5.00" (127mm)	11.25" (286mm)
750517-C	6.75" (165mm)	18.75" (476mm)	5.00" (127mm)	17.25" (438mm)
750808-C	9.75" (241mm)	9.75" (248mm)	8.00" (203mm)	8.25" (210mm)
750811-C	9.75" (241mm)	12.75" (324mm)	8.00" (203mm)	11.25" (286mm)
750817-C	9.75" (241mm)	18.75" (476mm)	8.00" (203mm)	17.25" (438mm)
750823-C	9.75" (241mm)	24.75" (629mm)	8.00" (203mm)	23.25" (591mm)
751117-C	12.75" (318mm)	18.75" (476mm)	11.00" (279mm)	17.25" (438mm)
751123-C	12.75" (318mm)	24.75" (629mm)	11.00" (279mm)	23.25" (591mm)
751717-C	18.75" (470mm)	18.75" (476mm)	17.00" (432mm)	17.25" (438mm)
751723-C	18.75" (470mm)	24.75" (629mm)	17.00" (432mm)	23.25" (591mm)

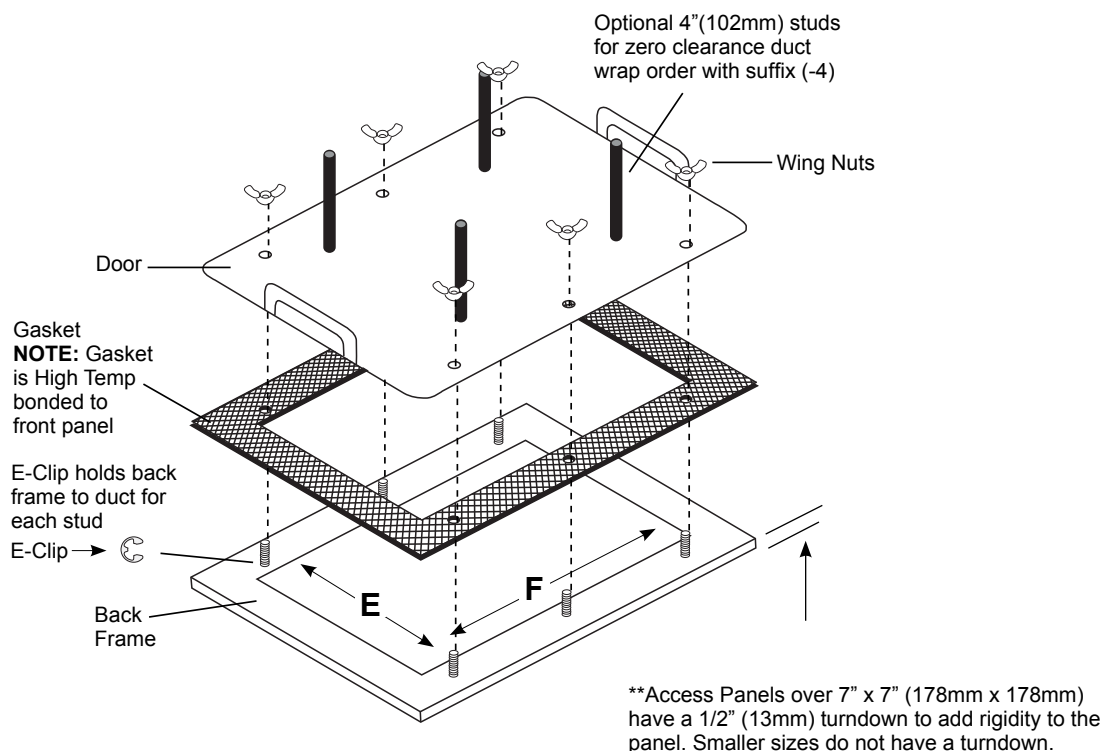
For custom sizes use order form ORD-FG-CCAD



CUSTOM SOLUTIONS

ORDER FORM - FOR CUSTOM FLAT ACCESS DOOR PANELS

A



QUANTITY REQUIRED		DIMENSIONS	SIZE	INCHES or MM
		DIMENSION "E"		
		DIMENSION "F"		

PANEL MATERIAL	Check One	PANEL THICKNESS	Check One	MOUNTING HARDWARE MATERIAL	Check One
GALVANIZED STEEL		.050" (1.3mm) S/S Models only		ZINC PLATED STEEL	
STAINLESS STEEL 304		.060" (1.5mm)		STAINLESS STEEL 304	
STAINLESS STEEL 316L		.125" (3.2mm)			

Additional Notes

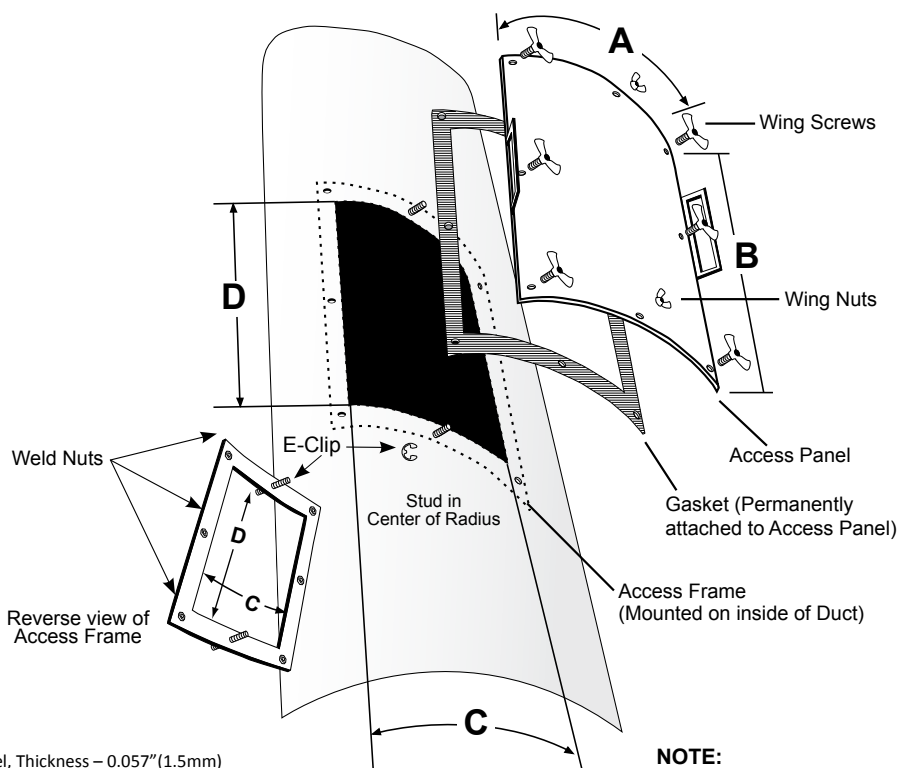
Date:	P.O. #	Account No:
Company Name:	Contact Name:	
Address:	City & State:	Zip:
Phone No:	E-mail:	

ORD-FG-CFAD



ORDER FORM - FOR CURVED ACCESS DOOR PANELS

A



MATERIAL

BACK PLATE: Cold Rolled Steel, Thickness – 0.057" (1.5mm)

FRONT PLATE: Galvanized Steel, Thickness – 0.060" (1.5mm)

NOTE:

The cut out dimension C should be 70% or less than the Duct Diameter for proper fit.

MODEL NO:

DUCT DIAMETER:

QTY:

Additional Notes:

Note: All access panels are custom manufactured per order and are not returnable for credit.

ORDER BY MODEL NO.	PANEL OUTSIDE DIMENSIONS INCHES (MM)		HOLE SIZE INCHES (MM)	
	A	B	C*	D
750505-C	6.75" (171mm)	6.75" (171mm)	5.06" (129mm)	5.25" (133mm)
750511-C	6.75" (171mm)	12.75" (324mm)	5.00" (127mm)	11.25" (286mm)
750517-C	6.75" (171mm)	18.75" (476mm)	5.00" (127mm)	17.25" (438mm)
750808-C	9.75" (248mm)	9.75" (248mm)	8.00" (203mm)	8.25" (210mm)
750811-C	9.75" (248mm)	12.75" (324mm)	8.00" (203mm)	11.25" (286mm)
750817-C	9.75" (248mm)	18.75" (476mm)	8.00" (203mm)	17.25" (438mm)
750823-C	9.75" (248mm)	24.75" (629mm)	8.00" (203mm)	23.25" (591mm)
751117-C	12.75" (324mm)	18.75" (476mm)	11.00" (279mm)	17.25" (438mm)
751123-C	12.75" (324mm)	24.75" (629mm)	11.00" (279mm)	23.25" (591mm)
751717-C	18.75" (476mm)	18.75" (476mm)	17.00" (432mm)	17.25" (438mm)
751723-C	18.75" (476mm)	24.75" (629mm)	17.00" (432mm)	23.25" (591mm)

Date:	P.O. #	Account No:
Company Name:	Contact Name:	
Address:	City & State:	
Phone No:	E-mail:	Zip:

ORD-FG-CAD

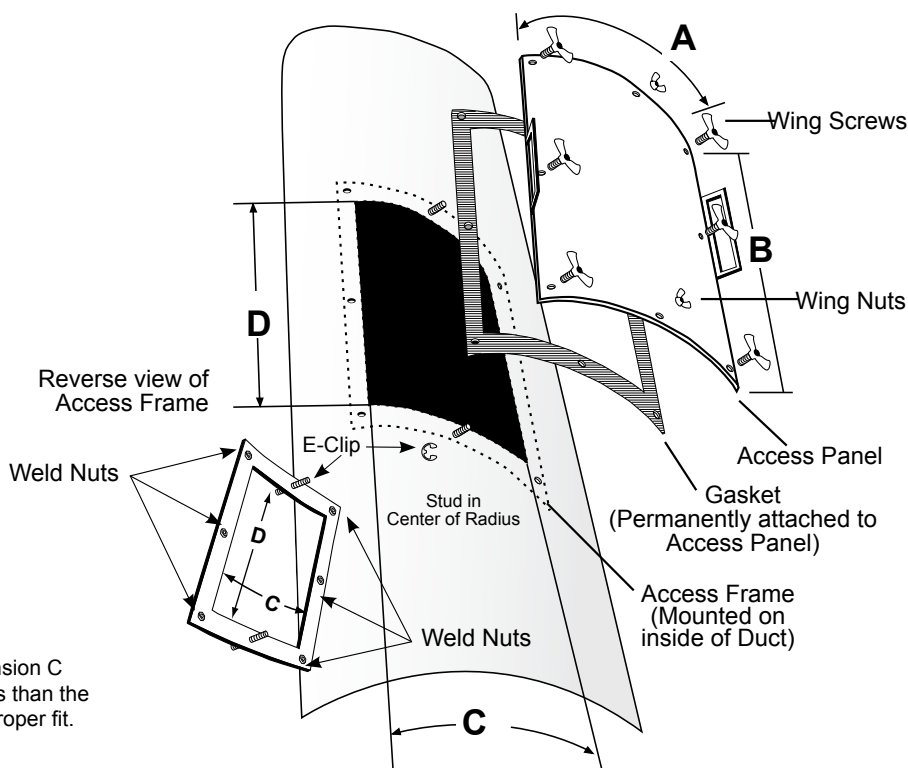


CUSTOM SOLUTIONS

A33

ORDER FORM - FOR CUSTOM CURVED ACCESS DOOR PANELS

A



*The cut out dimension C should be 70% or less than the Duct Diameter for proper fit.

#	DIMENSION	INCHES or MM
1	DUCT DIAMETER 'A'	
2	70% OF DUCT DIAMETER ('A' x .7)	
3	CUT-OUT DIMENSION 'C'	
4	CUT-OUT DIMENSION 'D'	
NOTE: DIMENSION #3 MUST BE EQUAL TO OR LESS THAN DIMENSION #2.		

QUANTITY REQUIRED	
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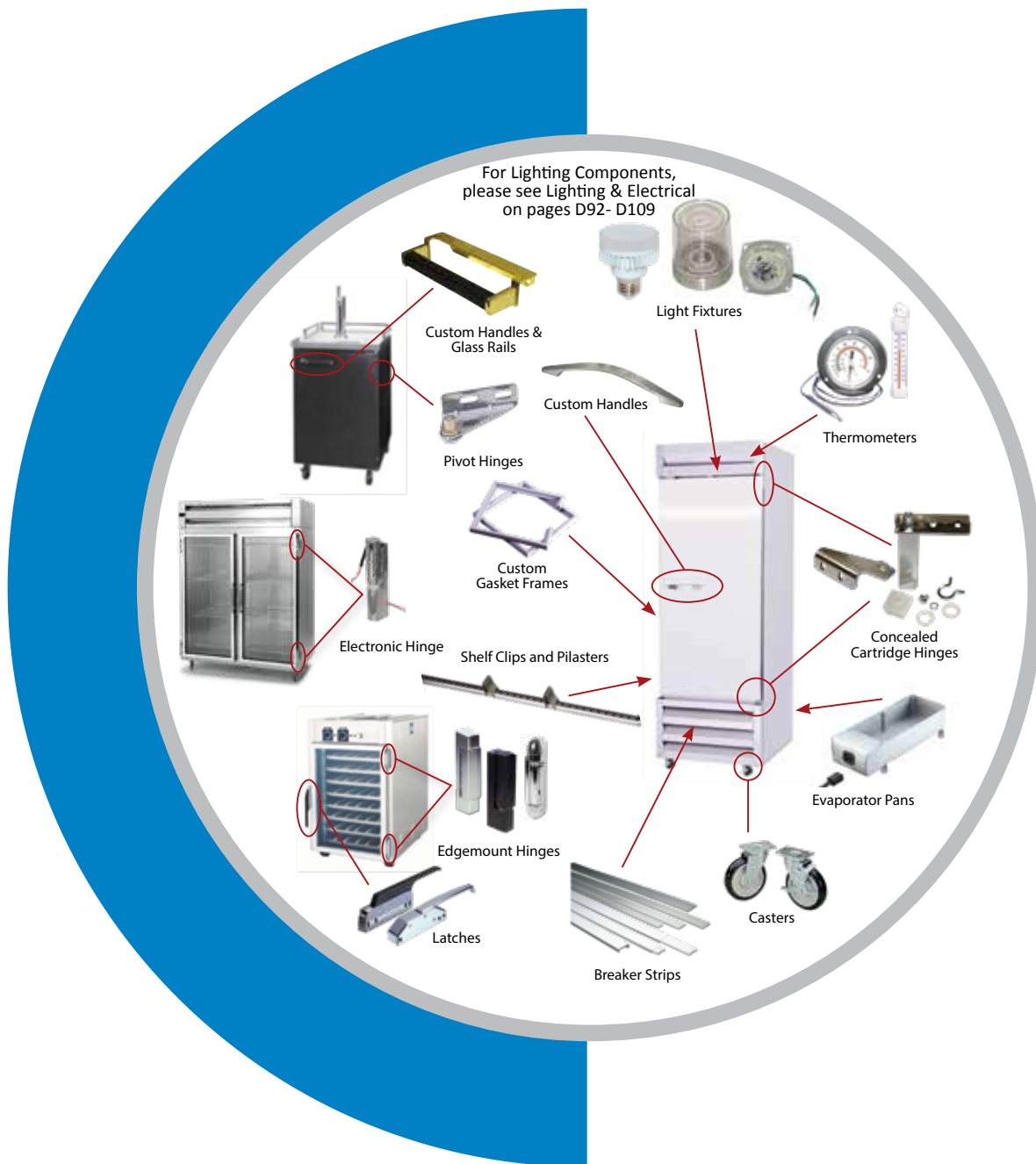
CHECK ONE	PANEL MATERIAL	PANEL THICKNESS	MOUNTING HARDWARE
	GALVANIZED STEEL	16 ga. .060" (1.5mm)	ZINC PLATED STEEL
	STAINLESS STEEL 304	16 ga. .060" (1.5mm)	STAINLESS STEEL 304
	STAINLESS STEEL 304	18 ga. .050" (1.3mm)	STAINLESS STEEL 304

Additional Notes

Date:	P.O. #	Account No:
Company Name:	Contact Name:	
Address:	City & State:	Zip:
Phone No:	E-mail:	

ORD-FG-CCAD





HINGE SELECTOR GUIDE & CHART

HANDLES

PADLOCK HASP ASSEMBLY AND LATCH & HINGE

MECHANICAL LATCHES

MECHANICAL EDMOUNT LATCH

MAGNETIC/MECHANICAL LATCHES

MAGNETIC EDMOUNT LATCH

CERAMIC MAGNETIC COMPACT LATCH

SURFACE MOUNT & CABINET LATCHES

NON-RISE EDMOUNT HINGES

STANDARD-DUTY NON-RISE EDMOUNT HINGES

B36 LIFT-OFF EDMOUNT HINGES

B37 ELECTRONIC HINGES

B38 HINGE REPLACEMENT PARTS

B39 CONCEALED CARTRIDGE HINGES

B40 CONCEALED PIVOT BRACKETS

B41 PILASTER & SHELF SUPPORTS

B42 CONDENSATE EVAPORATORS

B43 THERMOMETERS & MINI VENT PORT

B44 MASTIC, GROMMETS & CONDUIT SLEEVE

B45-B47 BREAKER STRIPS

B48 GASKETS & GASKET FRAMES

ORDER FORM - CUSTOM MADE GASKET FRAMES

B49

B50

B51

B52

B53-B55

B56

B57-B58

B59

B60

B61

B62-B63

B64



HINGE SELECTOR GUIDE & CHART

COMPONENT HARDWARE® HINGE SELECTOR GUIDE

This hinge selector is designed to assist you in choosing the correct Component Hardware hinges for commercial reach-in and walk-in refrigeration, foodservice equipment, transportation, industrial and other applications. The Load Chart below shows our recommended allowable load per pair of hinges for each hinge group. The data supplied in this chart applies for normal operating conditions under static

loading by door weight only. Other factors, such as positive or negative pressure, high gasket compression, lateral stress, corrosive or abrasive environments, or structural movement are not taken into account. It is the ultimate responsibility of the user to determine the suitability and capacity required for their specific application.

1. Locate the weight of your door in the far left column, headed DOOR WEIGHT.
2. Find the width of your door along the bottom of the chart.
3. Where the weight line and width column intersect, find the recommended hinge group code (A, B, etc.)
4. Select your hinges from the Component Hardware® hinge groups below.

NOTE: If exact dimensions and weight for your door is not shown, use the next higher width and weight.

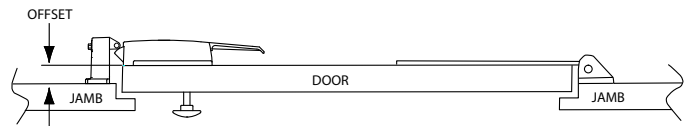
Hinge Groups A-C Shown in REACH-IN, Section B
Hinge Groups D-J Shown in WALK-IN, Section C

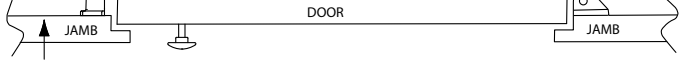
COMPONENT HARDWARE® HINGE GROUPS

GROUP	HINGE MODEL NUMBERS
A	R20-1010, R20-1020, R45-1010, R40-1010, R42-2840, R42-2841, R42-2842, R42-2843, R42-2842-BR
B	R42-2000, R42-2855, R56 SERIES
C	R50-2850, R50-2850-SPO, R50-2850-BLK, R50-2850-SS, R50-2850-NL, R50-2850-BA, R51-2000, R51-2000-RS, R51-2000-CS
D	W58, W59, W60, W61 SERIES, W99-6015-SS, W99-4100-SSRH, W99-4100-SSLH, W55-1000, W56-1000
E	N/A
F	W99-2001, W99-2001-GE, W99-2063, W99-2063-G6, W77-1625
G	N/A
H	N/A
J	N/A

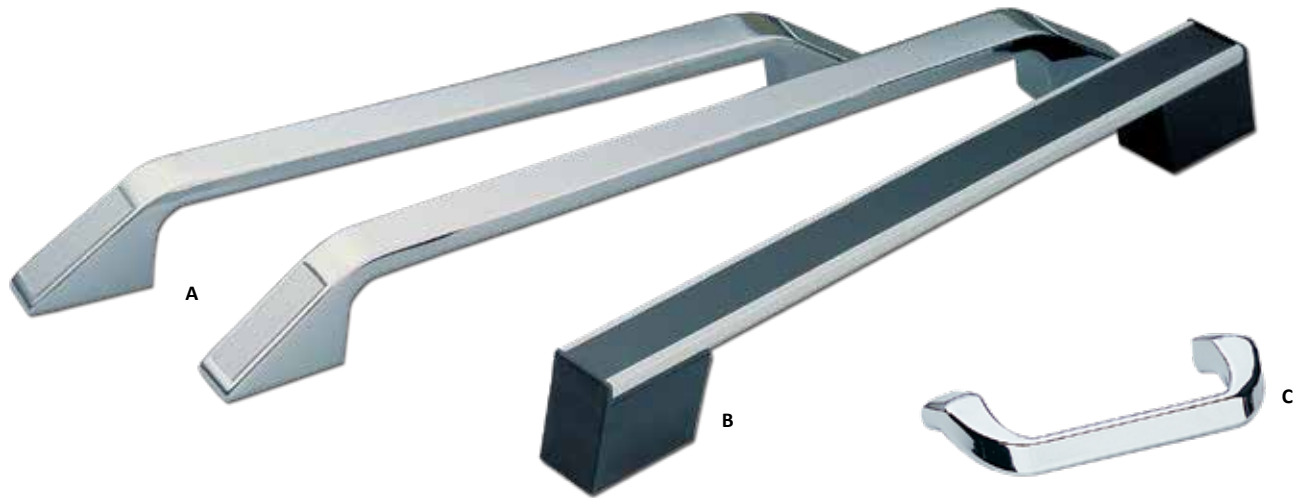
HOW TO DETERMINE OFFSET FOR HINGES AND LATCHES

With door closed, measure the distance from the jamb to the door face.



DOOR WEIGHTS		LOAD CHART																					
kg.	lb.																						
226.8	500	D	D	E	F	F	F	G	G	G	G	H	H	H	H	H	H	H	J	J	J	J	
217.7	480	D	D	E	F	F	F	G	G	G	G	H	H	H	H	H	H	H	J	J	J	J	
208.6	460	D	D	E	E	F	F	F	G	G	G	G	H	H	H	H	H	H	H	J	J	J	
199.5	440	D	D	D	E	F	F	F	G	G	G	G	G	H	H	H	H	H	H	H	J	J	
190.5	420	D	D	D	E	F	F	F	F	G	G	G	G	H	H	H	H	H	H	H	H	J	
181.4	400	D	D	D	E	E	F	F	F	G	G	G	G	G	H	H	H	H	H	H	H	H	
172.4	380	D	D	D	D	E	F	F	F	F	G	G	G	G	G	H	H	H	H	H	H	H	
163.3	360	D	D	D	D	E	E	F	F	F	G	G	G	G	G	G	H	H	H	H	H	H	
154.2	340	D	D	D	D	E	E	F	F	F	F	G	G	G	G	G	G	H	H	H	H	H	
145.2	320	C	D	D	D	D	E	E	F	F	F	F	G	G	G	G	G	G	H	H	H	H	
136.1	300	C	D	D	D	D	D	E	E	F	F	F	F	F	G	G	G	G	G	G	G	H	
127.0	280	C	D	D	D	D	D	E	E	F	F	F	F	F	G	G	G	G	G	G	G	H	
117.9	260	C	C	D	D	D	D	D	E	E	F	F	F	F	F	G	G	G	G	G	G	G	
108.9	240	C	C	D	D	D	D	D	D	E	E	F	F	F	F	F	F	G	G	G	G	G	
99.8	220	C	C	C	D	D	D	D	D	D	E	E	E	F	F	F	F	F	F	G	G	G	
90.7	200	B	C	C	D	D	D	D	D	D	D	E	E	E	F	F	F	F	F	F	F	G	
81.7	180	B	C	C	C	D	D	D	D	D	D	D	E	E	E	E	F	F	F	F	F	F	
72.6	160	B	B	C	C	C	D	D	D	D	D	D	D	D	E	E	E	E	F	F	F	F	
63.5	140	B	B	C	C	C	C	D	D	D	D	D	D	D	D	D	D	E	E	E	E	F	
54.4	120	B	B	B	C	C	C	C	C	D	D	D	D	D	D	D	D	D	D	D	E	E	
45.4	100	A	B	B	B	B	C	C	C	C	C	D	D	D	D	D	D	D	D	D	D	D	
36.3	80	A	A	B	B	B	B	B	C	C	C	C	C	C	D	D	D	D	D	D	D	D	
27.2	60	A	A	A	A	B	B	B	B	B	B	C	C	C	C	C	C	C	C	C	D	D	
18.1	40	A	A	A	A	A	A	A	A	B	B	B	B	B	B	B	B	B	C	C	C	C	
9.0	20	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	
DOOR WIDTH	in.	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72	
	cm.	30.5	38.1	45.7	53.3	61.0	68.6	76.2	83.8	91.4	99.1	106.7	114.3	121.9	129.5	137.2	144.8	152.4	160.0	167.6	175.3	182.9	





HANDLES

REF. A

SCULPTURED HANDLES

FEATURING

- SOLID METAL CASTING • POLISHED CHROME FINISH
- FRONT OR REAR FASTENING • TWO LENGTHS AVAILABLE

MODEL NO.	O.A. LENGTH	"A" DIM.	"B" DIM.
P48-1010	14-5/8" (371mm)	13-7/16" (340mm)	12-7/16" (316mm)
P48-1012*	12-13/16" (325mm)	11-5/8" (295mm)	10-5/8" (270mm)

NOTES: "A" DIMENSION REPRESENTS HOLE CENTERS FOR FRONT MOUNTING #10 SCREWS. "B" DIMENSION REPRESENTS THREADED HOLE CENTERS TO RECEIVE 1/4-20 SCREWS FOR REAR MOUNTING. DECORATIVE TRIM INSERTS ARE SUPPLIED TO CONCEAL FRONT MOUNTING SCREWS. EXTRA TRIM INSERTS ARE AVAILABLE AND MAY BE ORDERED AS **MODEL NO. P48-X002**.

REF. B

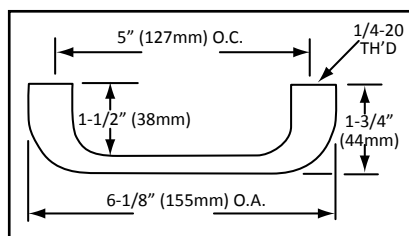
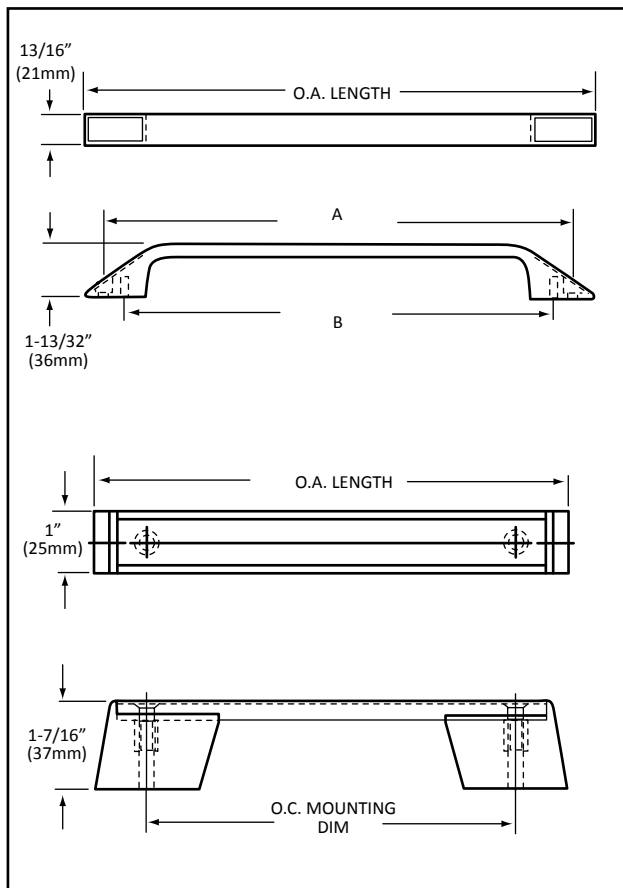
DECORATIVE HANDLES

FEATURING

- DUAL MOUNTING - FRONT OR REAR • TWO STANDARD LENGTHS AVAILABLE
- HEAT RESISTANT • HEAVY DUTY CONSTRUCTION
- ANODIZED ALUMINUM HANDLE WITH NYLON SUPPORTS

MODEL NO.	O.A. LENGTH	O.C. MOUNTING DIM.
P49-1500-6	7-11/16" (195mm)	6" (152mm)
P49-1500	12-1/4" (311mm)	10-5/8" (270mm)

NOTES: PRE-ASSEMBLED HANDLES WILL ACCEPT SCREWS FOR FRONT MOUNTING. INTERNAL BRASS BUSHINGS ACCEPT STANDARD 1/4-20 MACHINE SCREWS FOR REAR FASTENING. A PRESSURE SENSITIVE BLACK VINYL INSERT CONCEALS SCREW HOLES. OTHER LENGTHS AVAILABLE UPON APPLICATION ON QUANTITY ORDERS.



REF. C

OFFSET HANDLE

- IDEAL FOR ICE BIN DOORS • POLISHED CHROME FINISH

MODEL NO. P40-1010

MATERIAL: CHROME PLATED DIE CAST METAL



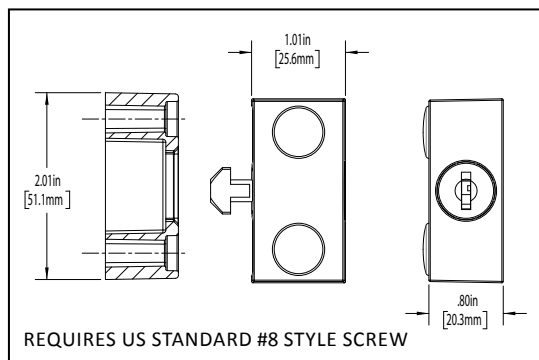
B



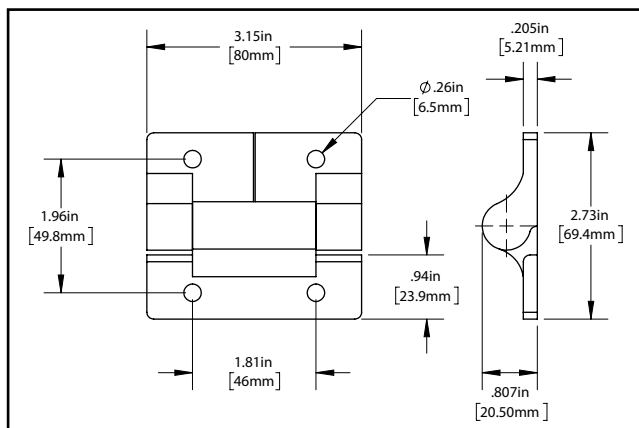
MODEL NO. R31-1000-BLK



MODEL NO. P99-100SL-01



MODEL NO. R46-1020-50

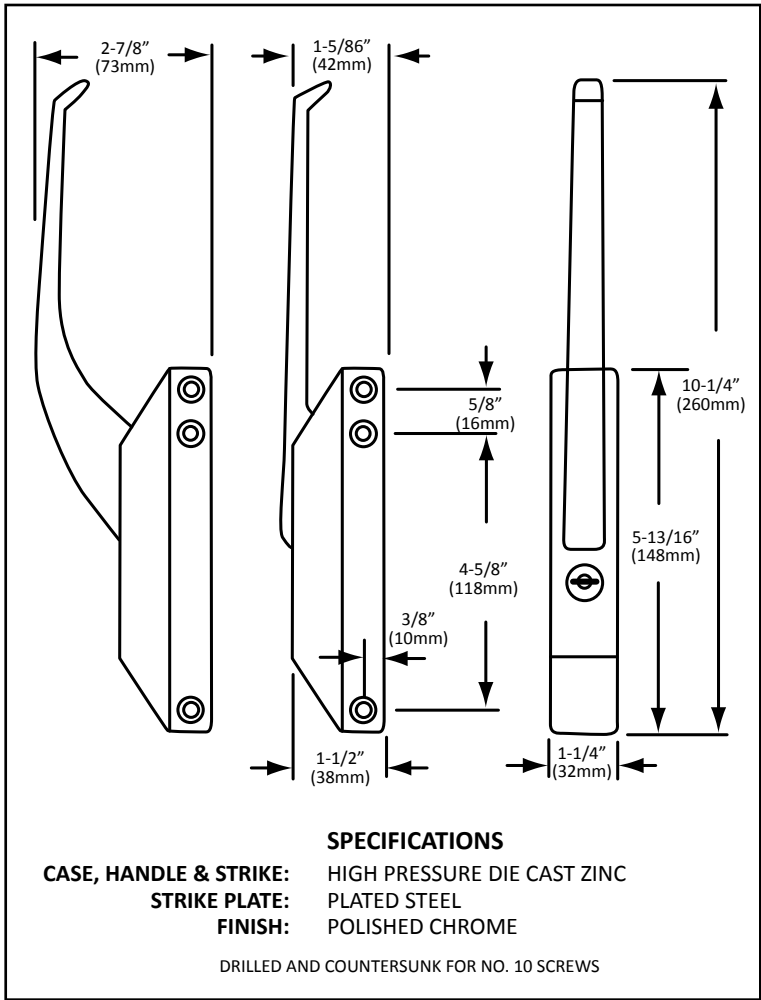


MECHANICAL LATCHES

B



POSITIVE PRESSURE SEAL
CROSS SECTION DETAIL



MECHANICAL EDGEMOUNT LATCHES WITH POSITIVE PRESSURE SEAL

- MOUNTING HOLE LOCATIONS ARE INTERCHANGEABLE WITH COMPETITORS' LATCHES
- UNIQUE KEEPER PREVENTS DOOR FROM BEING OVERRIDDEN
 - SERRATED STRIKER PLATE PERMITS QUICK ADJUSTMENT TO COMPENSATE FOR DOOR SAG
 - POLISHED CHROME PLATED FINISH
- AVAILABLE IN STRAIGHT AND OFFSET MODELS
 - CYLINDER AND NON-CYLINDER MODELS
 - HEAVY-DUTY RUGGED CONSTRUCTION
- ADJUSTABLE FOR RIGHT OR LEFT HAND USE

EDGEMOUNT LATCHES - R35 SERIES

MODEL NO.	DESCRIPTION
R35-1105	Straight Handle No Cylinder Lock
R35-1105-C	Straight Handle With Cylinder Lock
R35-1105-X	Offset Handle No Cylinder Lock
R35-1105-XC	Offset Handle With Cylinder Lock

KEYS SHOWN ARE AVAILABLE SEPARATELY
USE **MODEL NO. P30-0802**

STRIKE ONLY - **MODEL NO. R35-Y001**

CYLINDER LOCK - **MODEL NO. R35-Y005**



MECHANICAL EDGEMOUNT LATCH

B

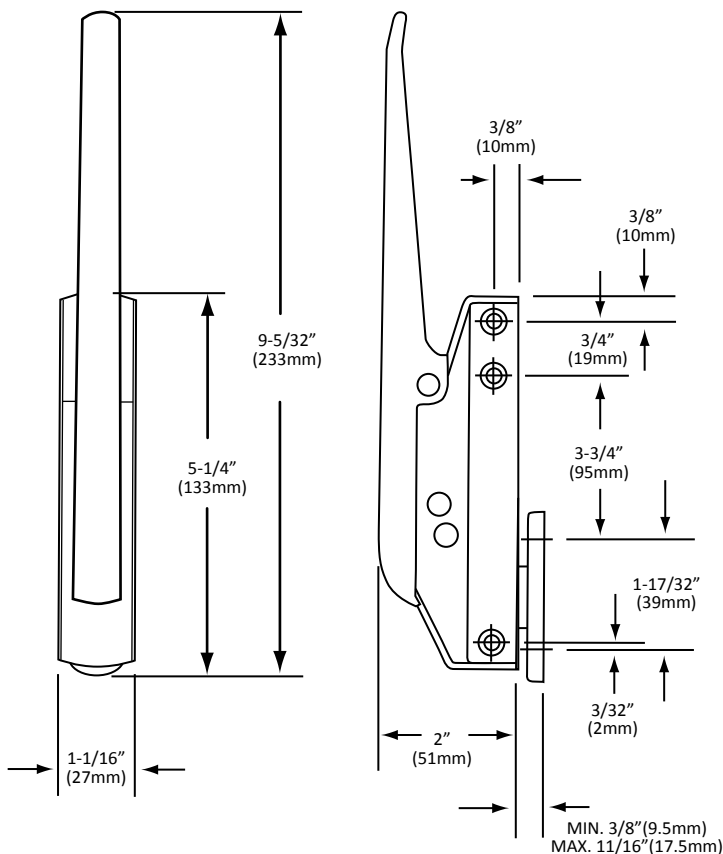


MECHANICAL SNAP-ACTION EDGEMOUNT LATCH WITH PADLOCK FEATURE

- TWO WAY ADJUSTABLE STRIKE OFFERS EASY TENSION ADJUSTMENT TO COMPENSATE FOR POSITIVE GASKET SEAL
- SERRATED STRIKER PLATE PERMITS QUICK ADJUSTMENT TO COMPENSATE FOR DOOR SAG
 - POWERFUL GRIP ACTION INSURES POSITIVE AIR-TIGHT CLOSURE
 - CHROME PLATED FINISH
- DESIGNED TO ACCEPT SECURITY PADLOCK
- REVERSIBLE FOR RIGHT OR LEFT HAND USE
- MOUNTING HOLE LOCATIONS ARE INTERCHANGEABLE WITH COMPETITORS' LATCHES

MODEL NO. R26-1000

STRIKE ONLY - **MODEL NO. R26-Y001**



SPECIFICATIONS

CASE, HANDLE & STRIKE: HIGH PRESSURE DIE CAST METAL
FINISH: CHROME PLATED

DRILLED AND COUNTERSUNK FOR NO. 10 SCREWS



MAGNETIC/MECHANICAL LATCHES



MAGNETIC / MECHANICAL EDGEMOUNT LATCHES WITH FLOATING MAGNET

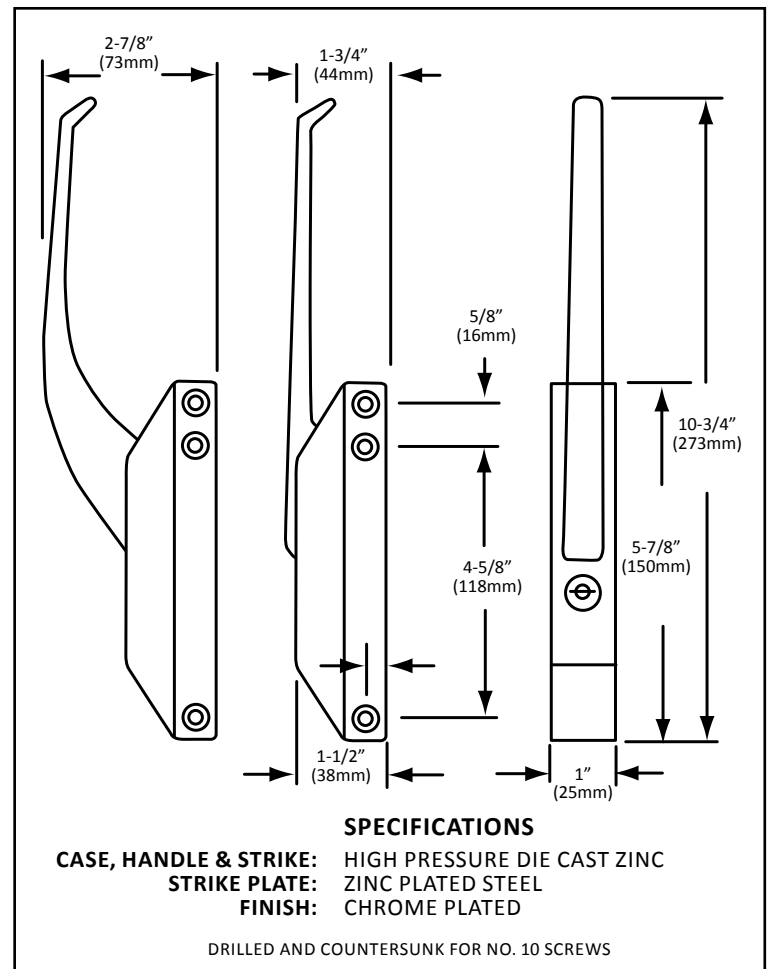
- UNIQUE DUAL DESIGN OFFERS BOTH MECHANICAL LATCHING AND MAGNETIC FORCE TO PROVIDE POSITIVE SEAL AND ELIMINATE DOOR BOUNCE BACK
- UNIQUE FOUR POSITION SOLID ONE PIECE STRIKE BRACKET AND FULL FLOATING MAGNETIC DESIGN INSURES POSITIVE MAGNETIC ATTRACTION AT EVERY ADJUSTMENT
 - HEAVY-DUTY RUGGED CONSTRUCTION
 - REVERSIBLE FOR RIGHT OR LEFT HAND USE
 - CYLINDER AND NON-CYLINDER MODELS
 - POLISHED CHROME PLATED FINISHES
- MOUNTING HOLE LOCATIONS ARE INTERCHANGEABLE WITH COMPETITORS' LATCHES

EDGEMOUNT LATCHES - R24 SERIES

MODEL NO.	DESCRIPTION
R24-9175	Straight Handle No Cylinder Lock
R24-9175-C	Straight Handle With Cylinder Lock
R24-9175-X	Offset Handle No Cylinder Lock
R24-9175-XC	Offset Handle With Cylinder Lock

KEYS SHOWN ARE AVAILABLE SEPARATELY
USE **MODEL NO. P30-0802**

STRIKE ONLY - **MODEL NO. R24-Y001**



*REPLACES STANDARD-KEIL PART #2824
WITH COMPONENT HARDWARE QUALITY HARDWARE



MAGNETIC EDGEMOUNT LATCHES

B



HEAVY- DUTY MAGNETIC EDGEMOUNT LATCHES WITH BREAKER ACTION

- HEAVY-DUTY MAGNETIC ACTION PROVIDES POSITIVE AND EFFECTIVE SEAL AND ELIMINATES DOOR BOUNCE BACK
- UNIQUE BREAKER ACTION* ELIMINATES POWERFUL MAGNETIC SEAL WHILE ALLOWING EASY OPENING
- SERRATED STRIKER PLATE PERMITS QUICK ADJUSTMENT TO COMPENSATE FOR DOOR SAG
 - REVERSIBLE FOR RIGHT OR LEFT HAND USE
 - CYLINDER AND NON-CYLINDER MODELS
 - CHROME PLATED FINISH
- EXTRA HEAVY-DUTY RUGGED CONSTRUCTION
- MOUNTING HOLE LOCATIONS ARE INTERCHANGEABLE WITH COMPETITORS' LATCHES

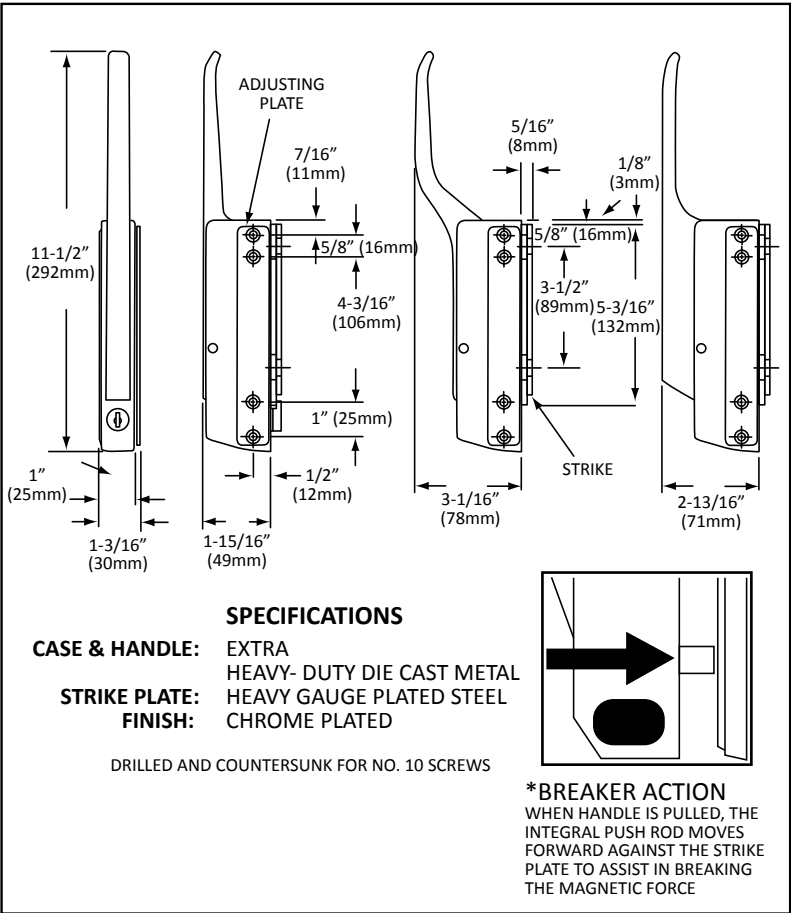
EDGEMOUNT LATCHES - R25 SERIES

REF.	MODEL	DESCRIPTION
A	R25-1700-NC	Straight Handle No Cylinder Lock
B	R25-1700-C	Straight Handle With Cylinder Lock
C	R25-1700-XNC	Offset Handle No Cylinder Lock
	R25-1700-XC	Offset Handle With Cylinder Lock (not shown)

KEYS SHOWN ARE AVAILABLE SEPARATELY
USE **MODEL NO. P30-0802**

STRIKE ONLY - **MODEL NO. R25-X002**

CYLINDER LOCK - **MODEL NO. R25-Y001**



CERAMIC MAGNETIC COMPACT LATCH



B

CERAMIC • MAGNETIC • COMPACT EDGEMOUNT LATCHES WITH BREAKER ACTION

SPECIFICALLY FOR HEATED CABINETS, OVENS AND REFRIGERATORS

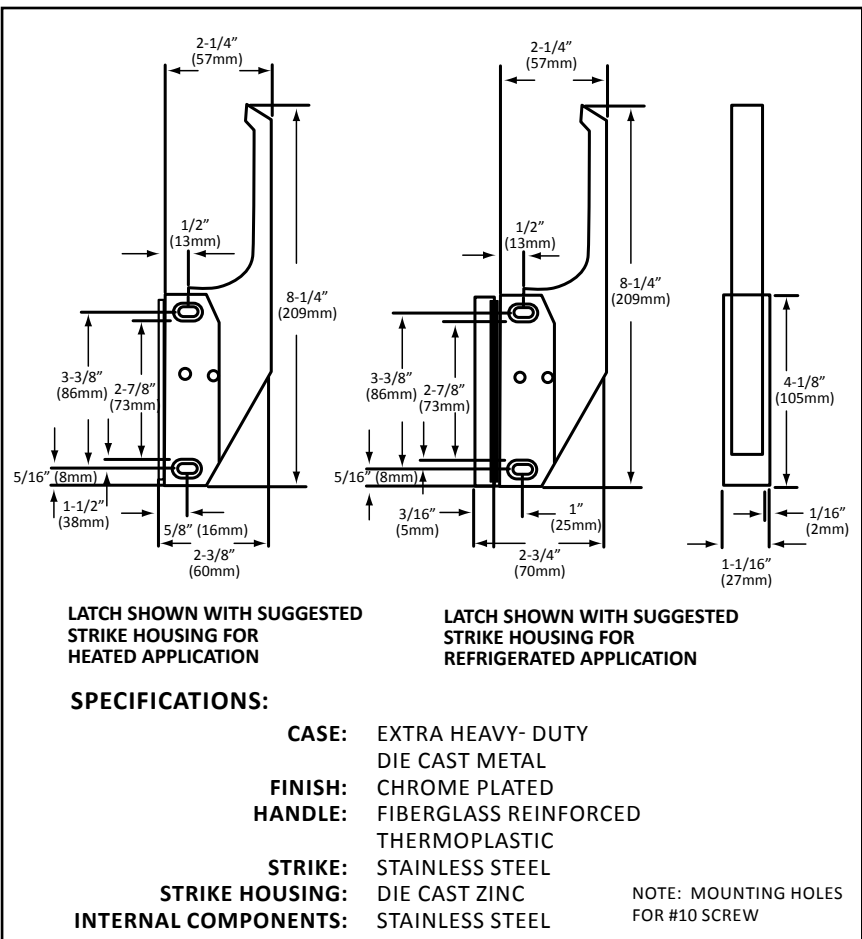
- COMPACT DESIGN FOR SPECIAL APPLICATIONS
- HEAVY-DUTY INSULATED OFFSET HANDLE
- BREAKER ACTION* FOR EASY DOOR OPENING
- POWERFUL HEAT RESISTANT CERAMIC MAGNET
- STAINLESS STEEL MECHANICAL PARTS AND PLATES
- SNAP-IN HOLE PLUGS FOR CONCEALED MOUNTING
- CONTEMPORARY STYLE - BLACK AND CHROME
- REVERSIBLE APPLICATION

MODEL NO. R27-1010-X

**EACH R27-1010-X EDGEMOUNT LATCH IS
SUPPLIED WITH STRIKE
ASSEMBLIES for BOTH HEATED AND
REFRIGERATED APPLICATIONS**

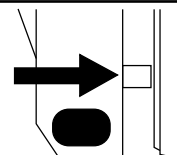
- STAINLESS STEEL STRIKE PLATE
- STAINLESS STEEL SPACER
- DIE CAST ZINC STRIKE HOUSING*
- SILICONE GASKET

* FOR REFRIGERATED APPLICATION ONLY



*BREAKER ACTION

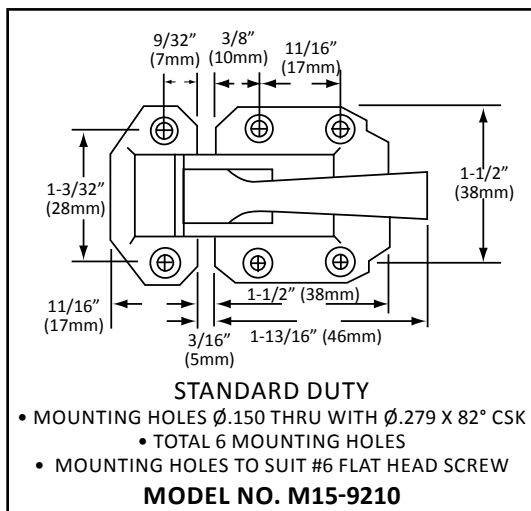
WHEN HANDLE IS PULLED, THE INTEGRAL PUSH ROD MOVES FORWARD AGAINST THE STRIKE PLATE TO ASSIST IN BREAKING THE MAGNETIC FORCE.



SURFACE MOUNT & CABINET LATCHES



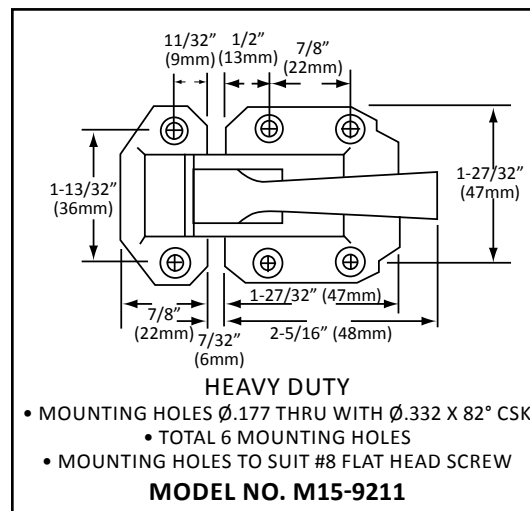
SURFACE MOUNT and CABINET LATCHES



REF. A

CABINET LATCHES

- PROVIDED WITH FLUSH, $1/8"$ (3mm) AND $3/8"$ (10mm) KEEPERS
- CHROME PLATED DIE CAST ZAMAK



REF. B

SURFACE MOUNT LATCHES

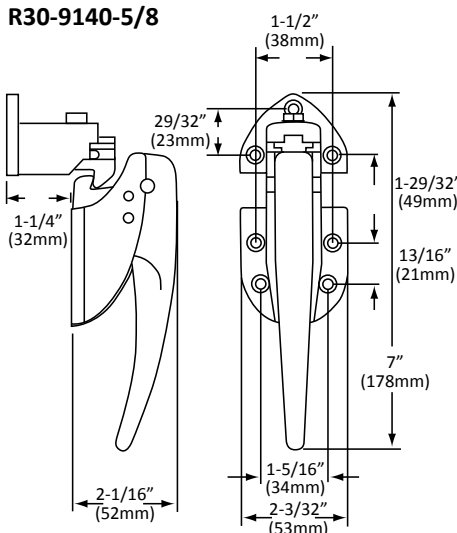
- POSITIVE SNAP-ACTION LATCH IS IDEAL FOR MOBILE CARTS AND REFRIGERATED CABINETS
- CHROME PLATED SNAP-ACTION LATCH PROVIDED WITH SOLID BRASS TRIGGER MECHANISM AND POWERFUL SPRING
- ADJUSTABLE FLUSH STRIKE OR ADJUSTABLE VARIABLE OFFSET MODELS TO CHOOSE FROM
- CHROME PLATED, HEAVY-DUTY PRESSURE DIE CAST HANDLES AND BODY WITHSTAND SEVERE COMMERCIAL USE
- REVERSIBLE FOR RIGHT OR LEFT HAND USE, DESIGNED TO ACCEPT SECURITY PADLOCKS

R30 SERIES SURFACE MOUNT LATCHES

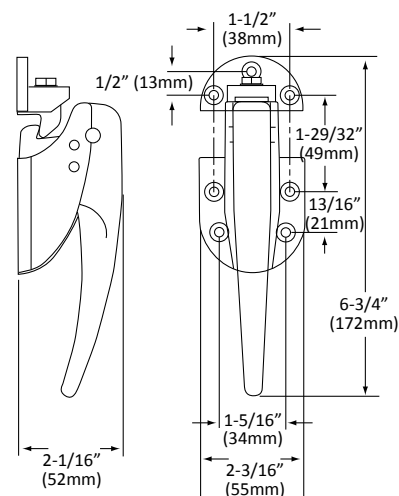
MODEL NO.	OFFSET
R30-9140-FL	0-3/8" (0-9.5mm)
R30-9140-5/8	5/8" - 1-1/4" (16mm-32mm)

- MOUNTING HOLES $\varnothing.230$ THRU WITH $\varnothing.352 \times 82^\circ$ CSK
- TOTAL 7 MOUNTING HOLES
- MOUNTING HOLES TO SUIT #10 FLAT HEAD SCREW

R30-9140-5/8



R30-9140-FL



SPECIFICATIONS:

MATERIAL: DIE CAST ZAMAK BODY
WEIGHT: APPROXIMATELY 14 lbs (6.4 kg) PER CARTON
PACKAGING: 10 PER CARTON
 DRILLED AND COUNTERSUNK FOR # 10 (5mm) SCREWS

*REPLACES STANDARD-KEIL #9140 OR #2818 SERIES WITH COMPONENT HARDWARE QUALITY HARDWARE

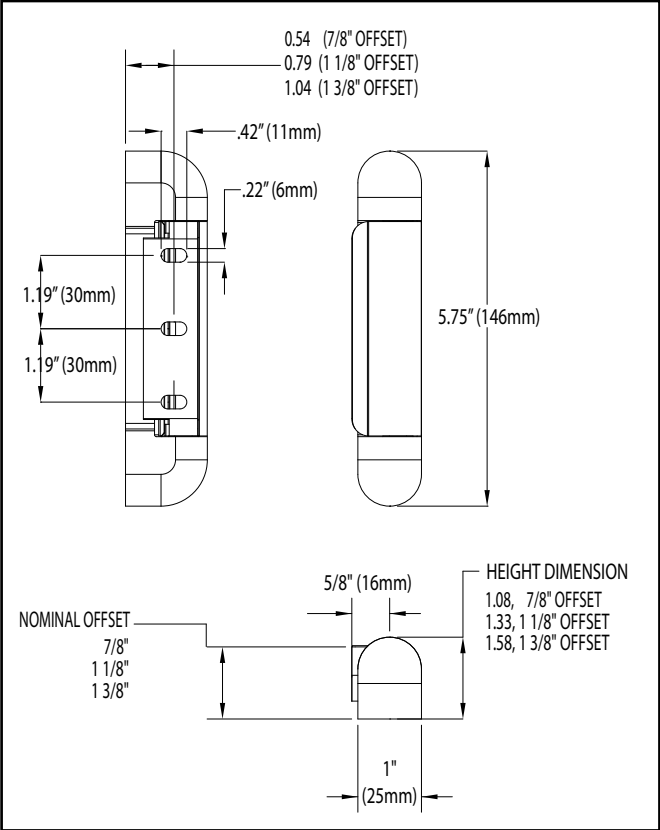


NON-RISE EDGEMOUNT HINGES

NON-RISE EDGEMOUNT HINGE

IDEAL FOR REACH-IN REFRIGERATORS & ICE BINS

- CONTEMPORARY SLEEK STYLING • HEAVY-DUTY DIE CAST ZAMAK CONSTRUCTION
- POLISHED CHROME FINISH • AVAILABLE IN THREE POPULAR OFFSETS
 - NON-HANDED FOR LEFT AND RIGHT HAND OPERATION
- UNIQUE ADJUSTING PLATE PROVIDES EASY ADJUSTMENT TO COMPENSATE FOR GASKET COMPRESSION
- SPRING ASSISTED MODELS AVAILABLE FOR ADDED CLOSING FORCE



MODEL NO.	DESCRIPTION
R42-2883	Edgemount Adjustable Spring Hinge, CP, 1-3/8" Offset
R42-2890-K**	Spring Kit for K220 Series Hinges
R42-2893	Edgemount Spring Hinge, CP, 1-3/8" Offset



NON-RISE EDGEMOUNT HINGES



R42-2841
1-1/8" (28mm) OFFSET



R42-2842
FOR REFRIGERATION APPLICATION
CHROME PLATED
1-1/8" (28mm) OFFSET

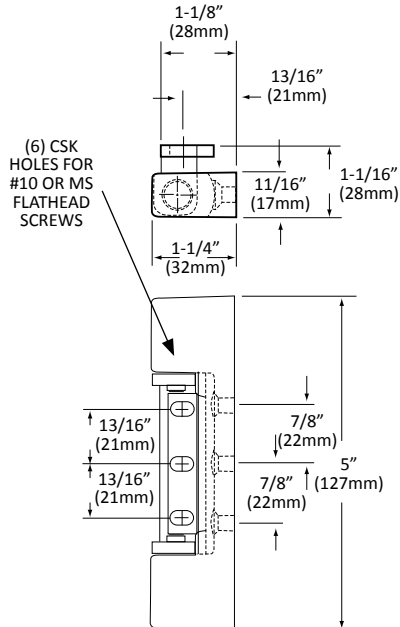


R42-2842-BB
FOR REFRIGERATION APPLICATION
CHROME PLATED
1-1/8" (28mm) OFFSET
WITH BRASS BUSHINGS

NON-RISE / ADJUSTABLE REFRIGERATION EDGEMOUNT HINGES IDEAL FOR...REACH-IN REFRIGERATORS AND UNDERBAR EQUIPMENT

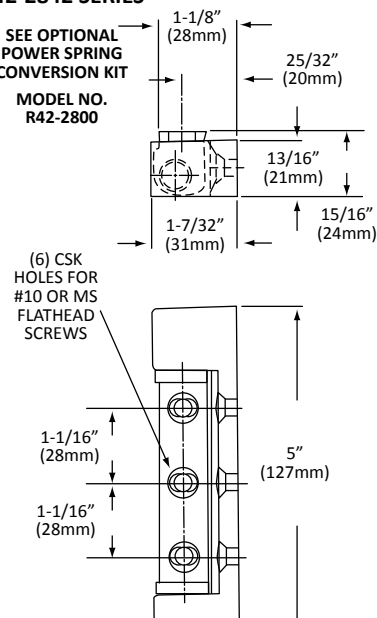
- NON-RISE FUNCTION ALLOWS FOR EASY DOOR SWING WITHOUT CONCERN FOR DOOR RISE
 - SERRATED ADJUSTING PLATE ALLOWS FOR QUICK AND EASY DOOR ADJUSTMENT TO COMPENSATE FOR DOOR SAG
- UNIVERSAL MOUNTING BRACKETS ALLOW FOR EITHER RIGHT OR LEFT HAND OPERATION
 - MOUNTING HOLE LOCATIONS ARE INTERCHANGEABLE WITH COMPETITORS' HINGES
 - ACCEPTS POWER SPRING CONVERSION KIT
- CHROME PLATED OR BRASS PLATED CONTEMPORARY STYLING
 - SOLID ZINC DIE CAST CONSTRUCTION

R42-2841



R42-2842 SERIES

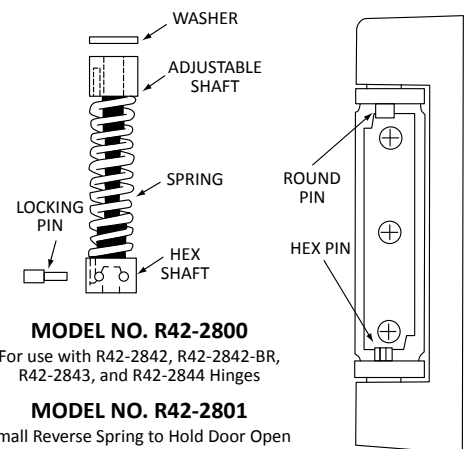
SEE OPTIONAL
POWER SPRING
CONVERSION KIT
MODEL NO.
R42-2800



*REPLACES STANDARD-KEIL #2842 SERIES WITH
COMPONENT HARDWARE QUALITY HARDWARE

Optional POWER SPRING CONVERSION KITS

- CONVERTS THE NON-RISE HINGE INTO A SELF-CLOSING HINGE
- IDEAL WHERE OVERHEAD DOOR CLEARANCE IS LIMITED
 - EASILY SNAPS IN AND OUT WITHOUT TOOLS
- MAY BE USED FOR RIGHT AND LEFT HAND DOORS



MODEL NO. R42-2800

For use with R42-2842, R42-2842-BR,
R42-2843, and R42-2844 Hinges

MODEL NO. R42-2801

Small Reverse Spring to Hold Door Open

MODEL NO. R42-2810

For use with R42-2855 & R42-2000 Hinges



NON-RISE EDGEMOUNT HINGES



R42-2844
1-5/8" (41mm) OFFSET



R42-2000
1-3/8" (35mm) OFFSET



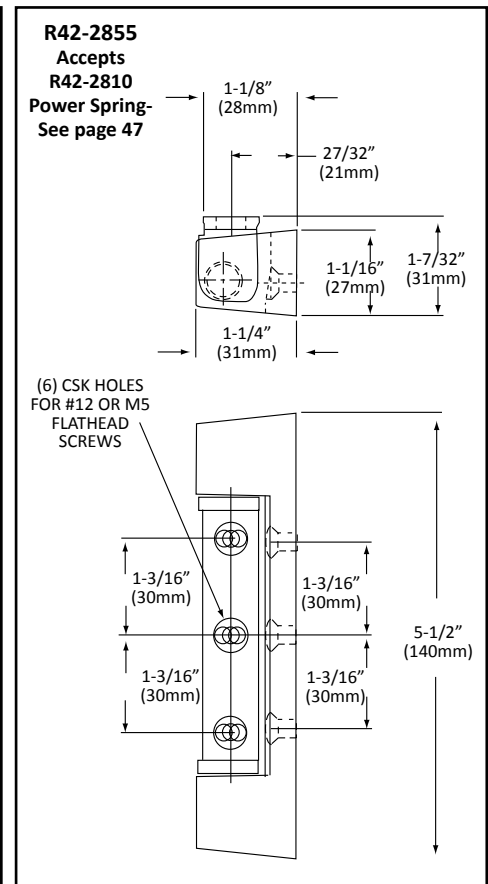
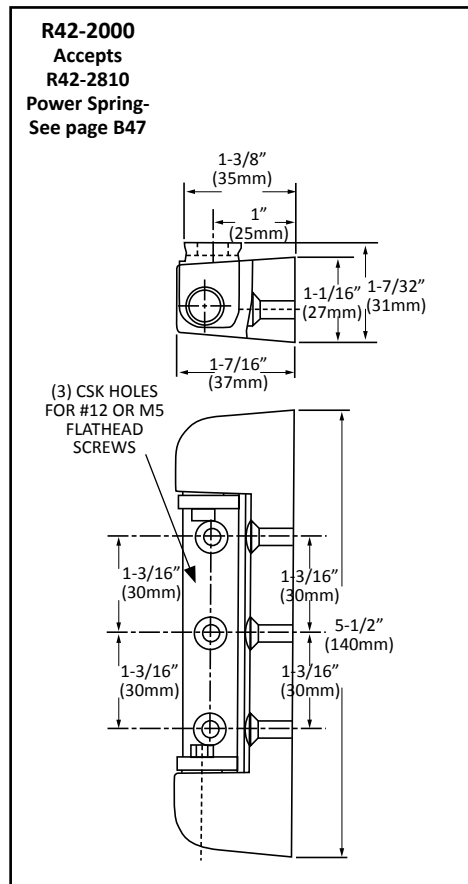
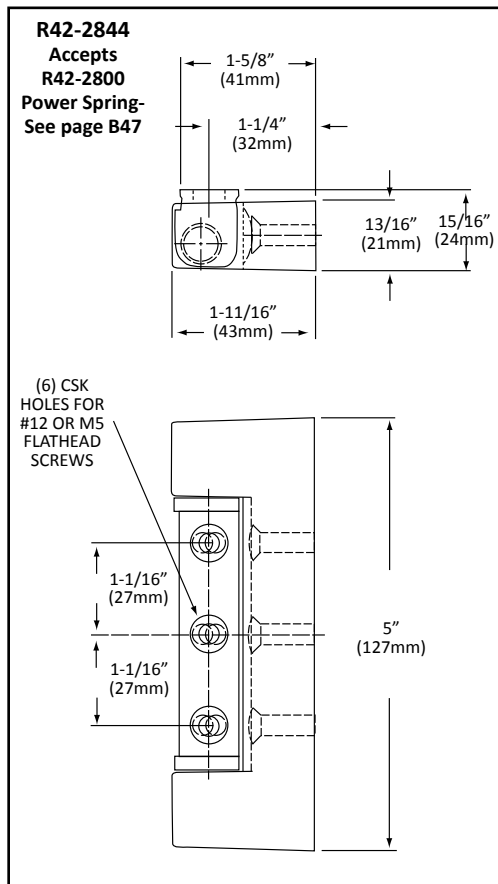
R42-2855
1-1/8" (28mm) OFFSET

B

NON-RISE / ADJUSTABLE HEAVY-DUTY EDGEMOUNT HINGES

DESIGNED FOR REACH-IN REFRIGERATORS AND UNDERBAR EQUIPMENT

- HEAVY-DUTY CONTEMPORARY STYLE LARGER NON-RISE HINGE ENGINEERED FOR USE ON HEAVIER DOORS
- UNIQUE ADJUSTING PLATE PROVIDES EASY VERTICAL AND HORIZONTAL MOUNTING ADJUSTMENT
- ACCEPTS POWER SPRING CONVERSION KIT • SOLID ZINC DIE CAST CONSTRUCTION
- NON-HANDED FOR RIGHT OR LEFT HAND APPLICATION
- CHROME PLATED FINISH • BRONZE BUSHINGS



STANDARD-DUTY NON-RISE EDGEMOUNT HINGES

B



R20 SERIES

7/8" (22mm) and 1-3/16" (30mm) OFFSET



R40-1010

1-1/4" (32mm) OFFSET



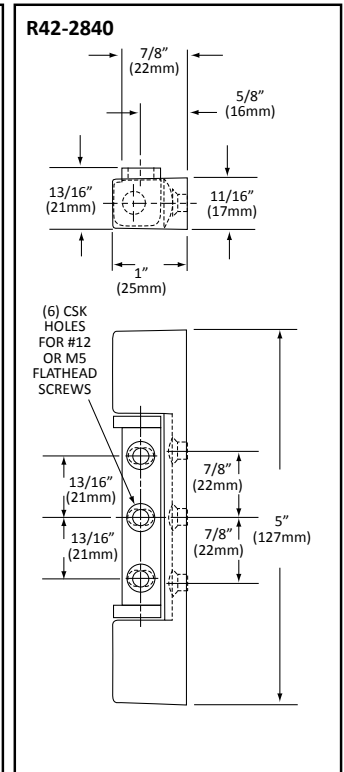
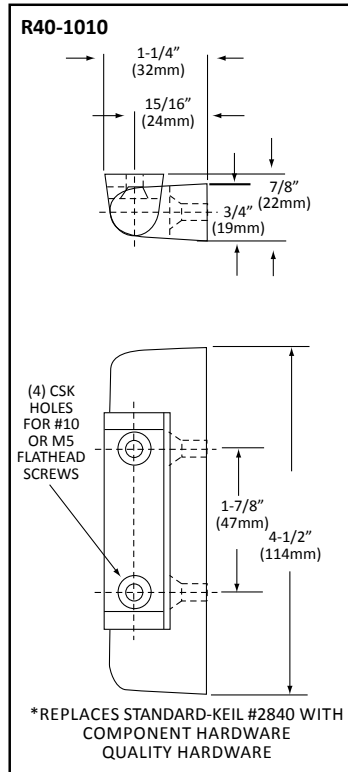
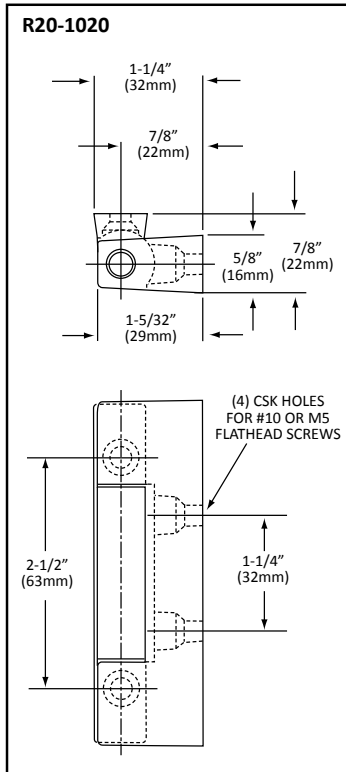
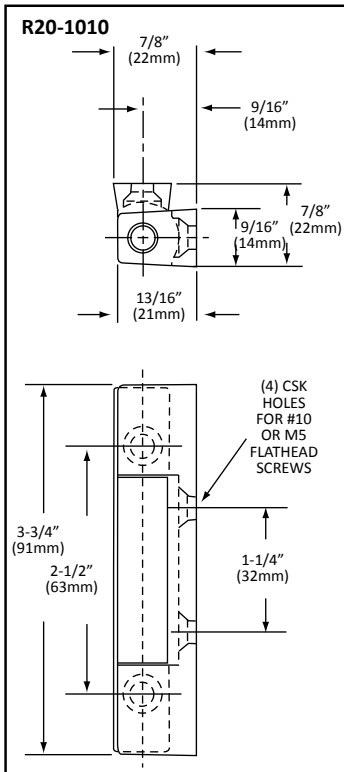
R42-2840

7/8" (22mm) OFFSET

SLIM-LINE / STANDARD-DUTY EDGEMOUNT HINGES

IDEAL FOR UNDERBAR EQUIPMENT, STANDARD REACH-IN REFRIGERATORS AND FREEZERS

- EASY TO MOUNT • HIGH PRESSURE DIE CAST ZAMAK • POLISHED CHROME PLATED FINISH
- NON-RISE FUNCTION ALLOWS FOR QUICK AND EASY DOOR ADJUSTMENT TO COMPENSATE FOR DOOR SAG
- CELCON SELF-LUBRICATING BUSHINGS PROVIDE SMOOTH, QUIET ACTION
- NON-HANDED FOR RIGHT AND LEFT HAND OPERATION
- CONTEMPORARY STYLING



LIFT-OFF EDGEMOUNT HINGES



R45-1010
1-3/16" (30mm) OFFSET



R50-2850-SPO
1-3/8" (35mm) OFFSET



R50-2850-SS
1-5/8" (41mm) OFFSET



R50-2850
1-5/8" (41mm) OFFSET

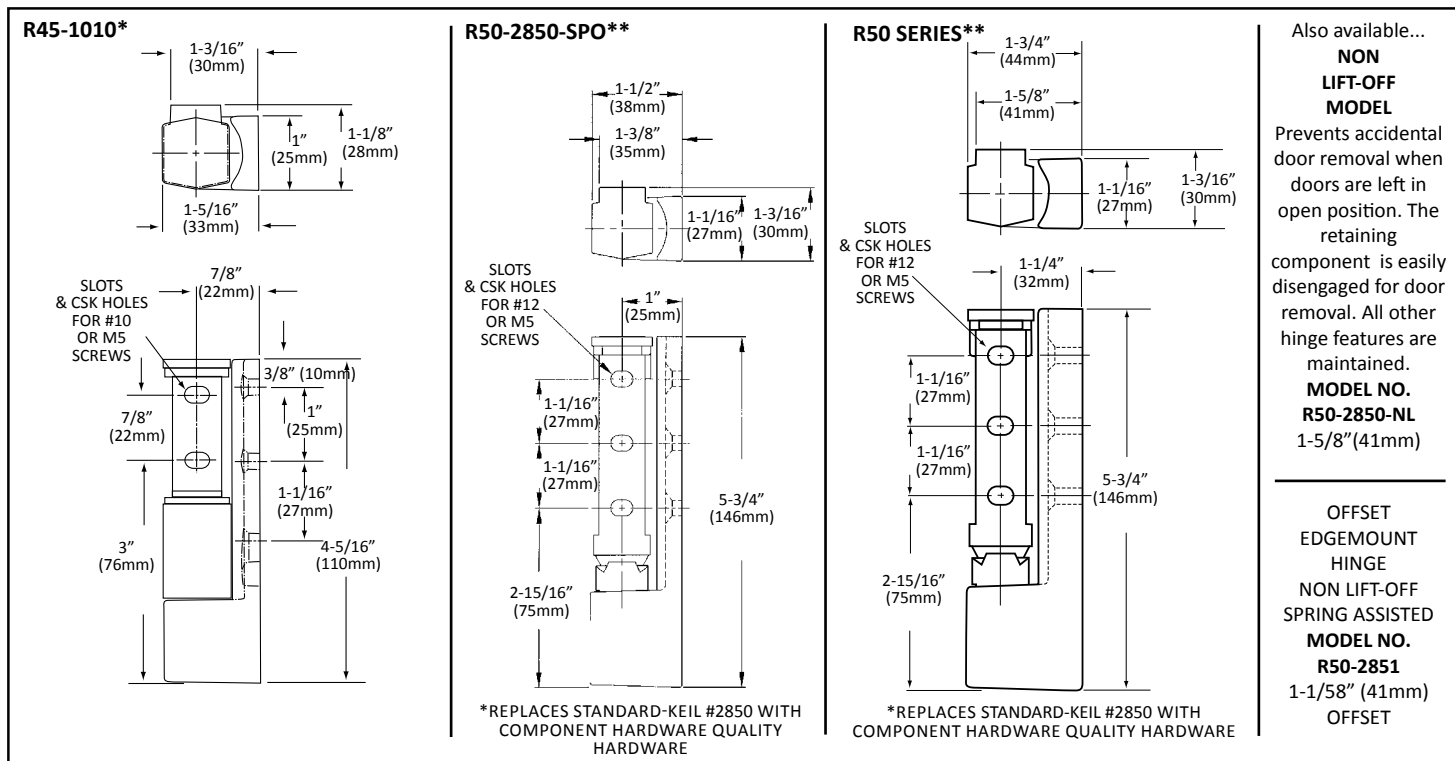
B

LIFT-OFF / SELF CLOSING EDGEMOUNT HINGES

IDEAL FOR REACH-IN REFRIGERATORS AND DOORS EQUIPPED WITH MAGNETIC GASKETING

- CONTEMPORARY STYLING
- POLISHED CHROME PLATED FINISH* • HIGH PRESSURE DIE CAST ZAMAK*
- HOLD OPEN POSITION - CAM ALLOWS DOOR TO REMAIN IN HOLD OPEN POSITION AND REMAIN OPEN AT 120°
 - NON-HANDED - FOR RIGHT AND LEFT HAND OPERATION
 - ADJUSTABLE - TO COMPENSATE FOR GASKET WEAR
 - POLISHED CHROME OR BLACK POWDER COATED FINISH*
- OVERCLOSE FEATURE...PROVIDES CONSTANT DOOR PRESSURE AND FULL GASKET SEAL

*R50-2850-SS IS SATIN FINISH STAINLESS STEEL



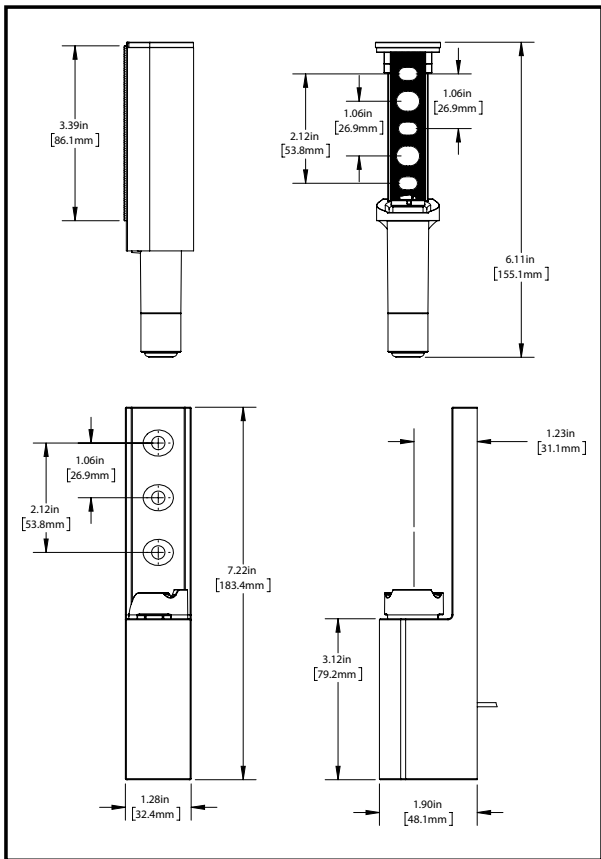
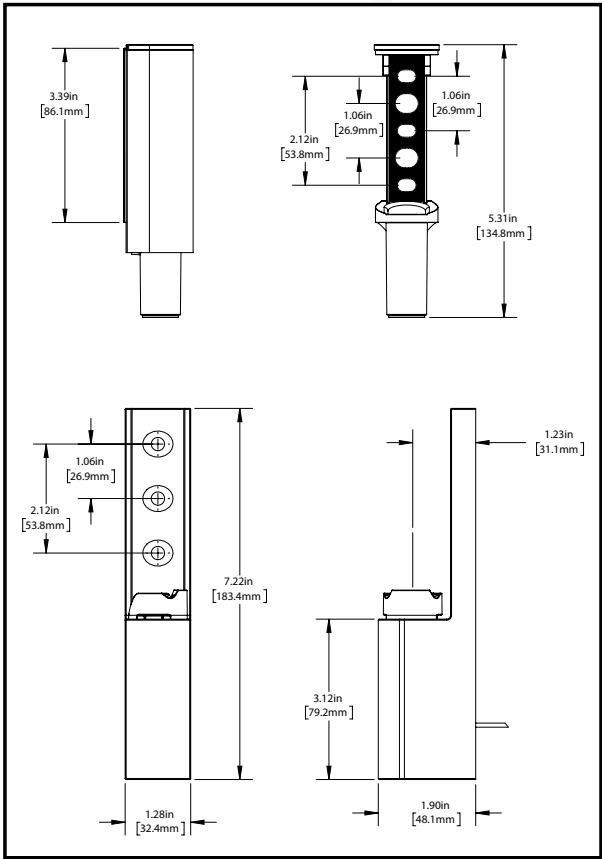
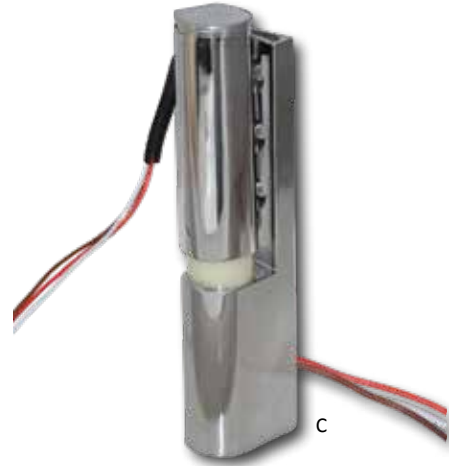
* R45-1010 HINGES ARE FURNISHED WITH AN ADJUSTING PLATE FOR UP TO 3/16" (5mm) ADJUSTMENT. DRILLED AND COUNTERSUNK FOR #10 SCREWS.

** R50 SERIES HINGES ARE FURNISHED WITH AN ADJUSTING PLATE FOR UP TO 3/16" (5mm) ADJUSTMENT. DRILLED AND COUNTERSUNK FOR #12 SCREWS.



LEFT-OFF ELECTRONIC HINGES

B



NON-STOCK ITEMS

REF.	MODEL NO.	DESCRIPTION
A	R51-2000	Hinge, Electronic, Edgemount Lift-Off, No Switch
B	R51-2000-RS	Hinge, Electronic, Edgemount Lift-Off, w/Push Button Switch (2 wires to run one accessory)
C	R51-2000-CS	Hinge, Electronic, Edgemount Lift-Off, w/Connector Switch (3 wires to run two accessories)

R51-2000-RS SPECIFICATIONS

SWITCH TYPE: SPST, NORMALLY CLOSED
AMPS: 5A @ 125 VAC, 60HZ (UL RATED); 2.5A @ 250 VAC
WIRES: SUPPLIED WITH TWO WHITE
18 AWG, AWM, 300 VAC, 105°C
FLAMMABILITY RATING (WIRE): VW-1 (UL) AND FT1 (CSA)
FLAMMABILITY RATING (SWITCH BASE/PLUNGER): UL-94, V-2
Tested with standard 2

R51-2000-CS SPECIFICATIONS

Integrated connector
Voltage: Either 48 VDC or VAC for one or two power delivery circuits
Amps: 5 Amps cumulative total
Wires: Supplied with one white (common), one red, and one brown,
18 AWG, AWM, 300 VAC, 105°C
Flammability Rating (Wire): VW-1 (UL) and FT1 (CSA)
Flammability Rating (Switch Base/Plunger): UL-94, V-2



HINGE REPLACEMENT PARTS



R40-1010 SERIES

REF.	MODEL NO.	DESCRIPTION
A	R40-X002	Cover
B	R40-X003	Adjustment Plate



MODEL NO.	DESCRIPTION
R42-X038	Cover



R42-2842/43/44 SERIES

REF.	MODEL NO.	DESCRIPTION
A	R42-X003	Adjustment Plate
B	R42-X004	Cover
	R42-X008	Adjustment Plate, Brass (not shown)

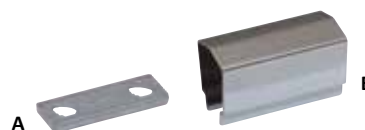


R42-2855 SERIES

REF.	MODEL NO.	DESCRIPTION
A	R42-X020	Cover
B	R42-X021	Adjustment Plate

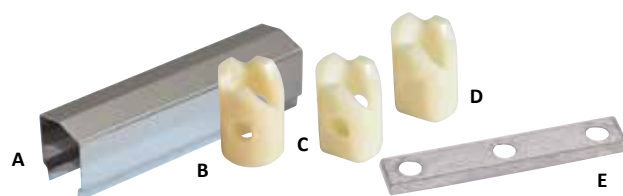


MODEL NO.	DESCRIPTION
R42-X103	Cover



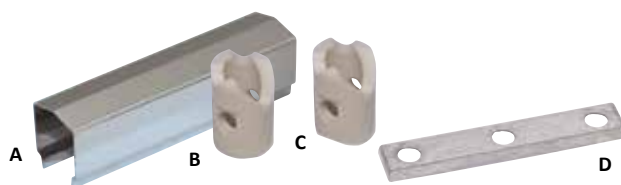
R45-1010 SERIES

REF.	MODEL NO.	DESCRIPTION
A	R45-X003	Adjustment Plate
B	R45-X004	Cover



R50 SERIES

REF.	MODEL NO.	DESCRIPTION
A	R50-X003	Cover
B	R50-X004	Cam, Old Style
C	R50-X004-A	Cam, New Style
D	R50-X004-C	Cam, New Style, No Switch Holes
E	R50-X005	Adjustment Plate



R50-SS SERIES

REF.	MODEL NO.	DESCRIPTION
A	R50-X003-SS	Cover, S/S
B	R50-X004-SS	Cam, Old Style, Glass Filled
C	R50-X004-SSA	Cam, New Style, Glass Filled
D	R50-X005-SS	Adjustment Plate, S/S



CONCEALED CARTRIDGE HINGES

B



SHOWN WITH
OPTIONAL BRACKET
MODEL NO. R56-6010

SHOWN WITH
OPTIONAL BRACKET
MODEL NO. R56-5010

PHOTOGRAPH SHOWS TOP MOUNTED CARTRIDGE ASSEMBLY.
WHERE SPACE REQUIRES, CARTRIDGE MAY BE BOTTOM MOUNTED.

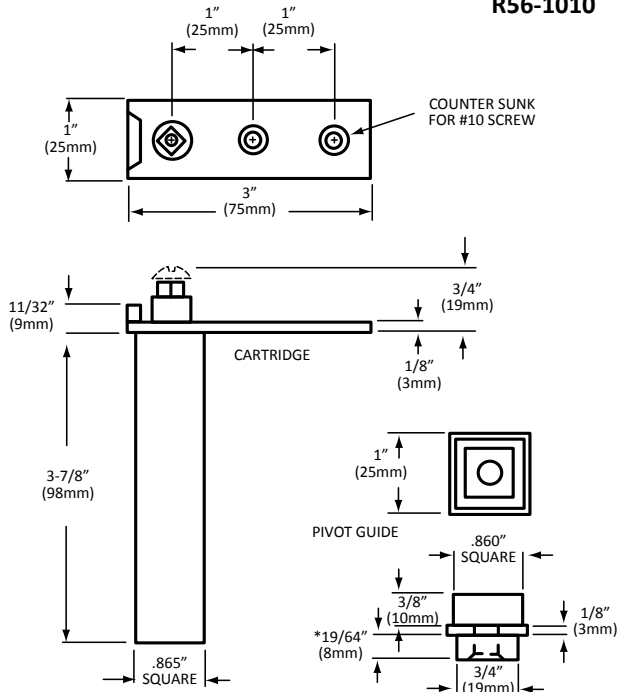
R56 SERIES CONCEALED POWER CARTRIDGE HINGE

- **HOLD OPEN DWELL** ALLOWS DOOR TO REMAIN OPEN AT 90° FOR EASE OF PRODUCT STOCKING
- **CUSHIONED STOP** IS EMPLOYED AT 115° TO ABSORB SHOCK, ELIMINATING DAMAGE TO FRAME, DOOR AND ADJACENT EQUIPMENT
- **SELF-CLOSING** NON-RISE SPRING ACTUATED CAM
- **OVERCLOSE DESIGN** ASSURES CONSTANT DOOR PRESSURE FOR FULL GASKET SEAL
- **SELF-LUBRICATING** DISSIMILAR CAM MATERIALS ASSURE SMOOTH OPERATION WITHOUT SUPPLEMENTARY LUBRICATION
- **SILENT & SMOOTH OPERATION**
- **REVERSIBLE APPLICATION** CARTRIDGE ASSEMBLY CAN BE USED FOR LEFT OR RIGHT HAND DOORS

SPECIFICATIONS:

- CASE:** DIE CAST ZAMAK
FINISH: CHROME PLATED OR OPTIONAL BLACK EPOXY POWDER COATED FINISH AVAILABLE
UPPER CAM: DIE CAST ZAMAK
LOWER CAM: NYLON
SPRING: COMPRESSION TYPE, SILICON WIRE
PIVOT GUIDE: NYLON

MODEL NO. R56-1010

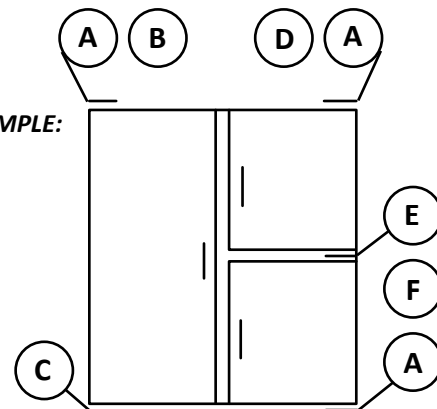


POWER CARTRIDGE ASSEMBLY

NOTE: Standard power cartridges are designed for doors weighing less than 60 lbs Heavy-duty models for doors over 60 lbs are available upon application.

*ALTERNATE CLEARANCE DIMENSION AVAILABLE

EXAMPLE:



**SINGLE DOOR - LEFT HAND
HALF DOORS - RIGHT HAND**

ASSEMBLY WITH HORIZONTAL BRACKETS

- | | |
|----------------|-----------------------------------|
| A (3) R56-1010 | Cartridge Assemblies |
| B (1) R56-5011 | Cartridge Bracket L.H. Horizontal |
| C (1) R56-7011 | Pivot Bracket L.H. Horizontal |
| D (1) R56-5010 | Cartridge Bracket R.H. Horizontal |
| E (1) R56-7040 | Double Bracket R.H. Horizontal |
| F (1) R56-5017 | Cartridge Bracket L.H. Horizontal |



CONCEALED CARTRIDGE BRACKETS

CONCEALED CARTRIDGE BRACKETS

MATERIAL HARDENED STEEL, CHROME PLATED
OPTIONAL: BLACK EPOXY POWDER COATED FINISH

- VERTICAL AND HORIZONTAL BRACKETS ACCOMMODATE VARIOUS CONSTRUCTION REQUIREMENTS
- BOTH ASSEMBLIES PROVIDE PERFECT OPERATION USING A PIVOT DISTANCE OF 1-15/16" (33mm) CARTRIDGE AND PIVOT GUIDE INSTALLATION IS SIMPLE, REQUIRING A 7/8" (22mm) SQUARE OPENING IN BOTH TOP AND BOTTOM OF DOOR
- BRACKETS AND CARTRIDGES MUST BE ORDERED SEPARATELY. TO ASSIST IN SELECTING THE PROPER COMPONENTS A TYPICAL APPLICATION EXAMPLE IS ILLUSTRATED PAGE B53

B

HORIZONTAL CARTRIDGE BRACKETS

WITH VERTICAL MOUNTING HOLES



MODEL NO. R56-5010
RIGHT HAND (AS ILLUSTRATED)



MODEL NO. R56-5011
LEFT HAND (OPPOSITE)

HORIZONTAL CARTRIDGE BRACKETS

WITH HORIZONTAL MOUNTING HOLES



MODEL NO. R56-5016
RIGHT HAND (AS ILLUSTRATED)



MODEL NO. R56-5017
LEFT HAND (OPPOSITE)

VERTICAL CARTRIDGE BRACKETS

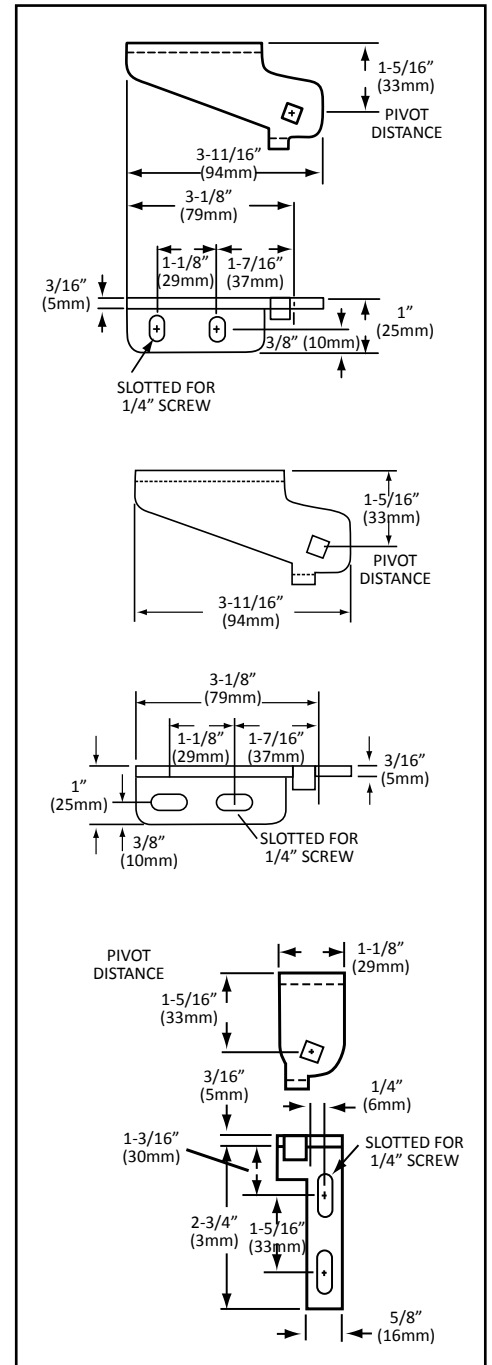
WITH VERTICAL MOUNTING HOLES



MODEL NO. R56-6010
RIGHT HAND (AS ILLUSTRATED)



MODEL NO. R56-6011
LEFT HAND (OPPOSITE)



CONCEALED PIVOT BRACKETS

CONCEALED PIVOT BRACKETS

MATERIAL HARDENED STEEL, CHROME PLATED
OPTIONAL: BLACK EPOXY POWDER COATED FINISH

B

- VERTICAL AND HORIZONTAL BRACKETS ACCOMMODATE VARIOUS CONSTRUCTION REQUIREMENTS
- BOTH ASSEMBLIES PROVIDE PERFECT OPERATION USING A PIVOT DISTANCE OF 1-15/16" (33mm) CARTRIDGE AND PIVOT GUIDE INSTALLATION IS SIMPLE, REQUIRING A 7/8" (22mm) SQUARE OPENING IN BOTH TOP AND BOTTOM OF DOOR
- BRACKETS AND CARTRIDGES MUST BE ORDERED SEPARATELY. TO ASSIST IN SELECTING THE PROPER COMPONENTS A TYPICAL APPLICATION EXAMPLE IS ILLUSTRATED PAGE B53

HORIZONTAL PIVOT BRACKETS WITH HORIZONTAL MOUNTING HOLES



MODEL NO. R56-7010
RIGHT HAND (AS ILLUSTRATED)



MODEL NO. R56-7011
LEFT HAND (OPPOSITE)

HORIZONTAL PIVOT BRACKETS WITH VERTICAL MOUNTING HOLES



MODEL NO. R56-7014
RIGHT HAND (AS ILLUSTRATED)



MODEL NO. R56-7015
LEFT HAND (OPPOSITE)

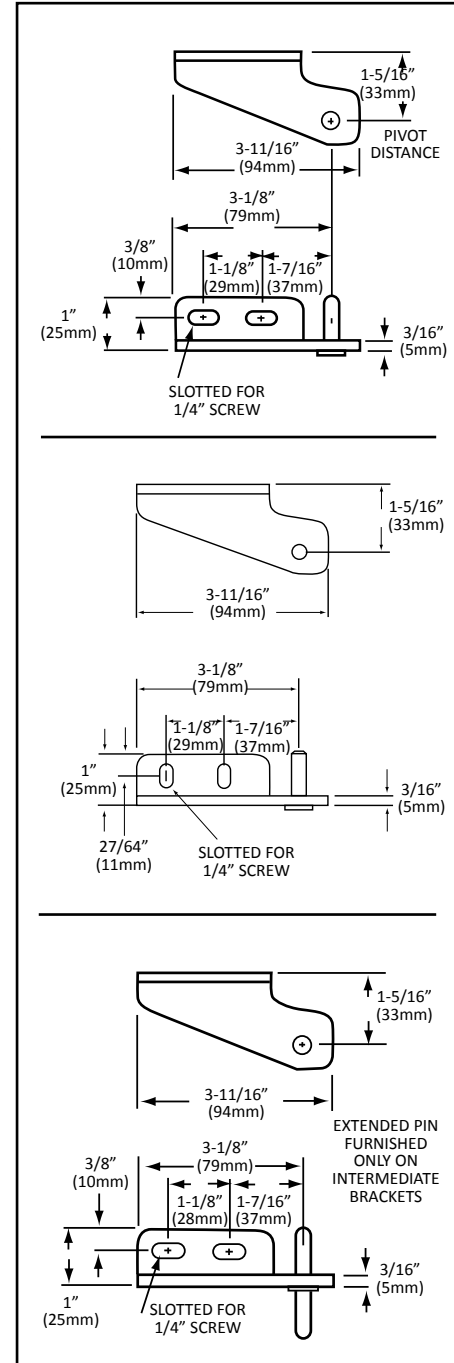
HORIZONTAL INTERMEDIATE PIVOT BRACKETS WITH HORIZONTAL MOUNTING HOLES



MODEL NO. R56-7040*
RIGHT HAND (AS ILLUSTRATED)



MODEL NO. R56-7041*
LEFT HAND (OPPOSITE)



*Non-stock items. Special order only. Please call for quote.



CONCEALED PIVOT BRACKETS

CONCEALED PIVOT BRACKETS

MATERIAL HARDENED STEEL, CHROME PLATED
OPTIONAL: BLACK EPOXY POWDER COATED FINISH

- VERTICAL AND HORIZONTAL BRACKETS ACCOMMODATE VARIOUS CONSTRUCTION REQUIREMENTS
- BOTH ASSEMBLIES PROVIDE PERFECT OPERATION USING A PIVOT DISTANCE OF 1-15/16" (33mm) CARTRIDGE AND PIVOT GUIDE
INSTALLATION IS SIMPLE, REQUIRING A 7/8" (22mm) SQUARE OPENING IN BOTH TOP AND BOTTOM OF DOOR
- BRACKETS AND CARTRIDGES MUST BE ORDERED SEPARATELY. TO ASSIST IN SELECTING THE PROPER COMPONENTS
A TYPICAL APPLICATION EXAMPLE IS ILLUSTRATED PAGE B53

VERTICAL INTERMEDIATE PIVOT BRACKETS WITH ROUND MOUNTING HOLES



MODEL NO. R56-8040
RIGHT HAND (AS ILLUSTRATED)



MODEL NO. R56-8041
LEFT HAND (OPPOSITE)

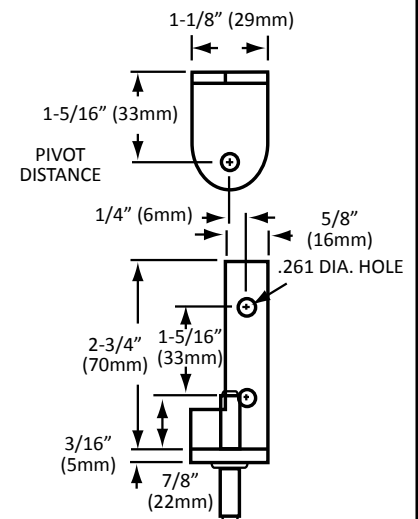
VERTICAL PIVOT BRACKETS WITH ROUND MOUNTING HOLES



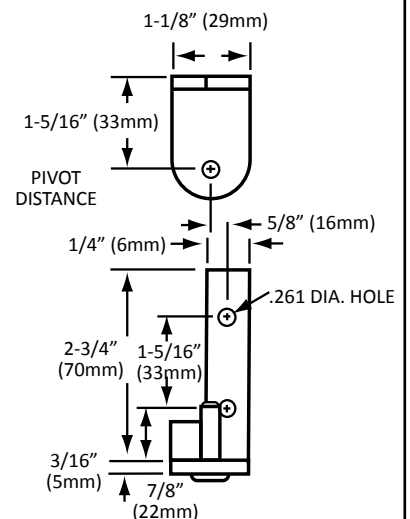
MODEL NO. R56-8010
RIGHT HAND (AS ILLUSTRATED)



MODEL NO. R56-8011
LEFT HAND (OPPOSITE)

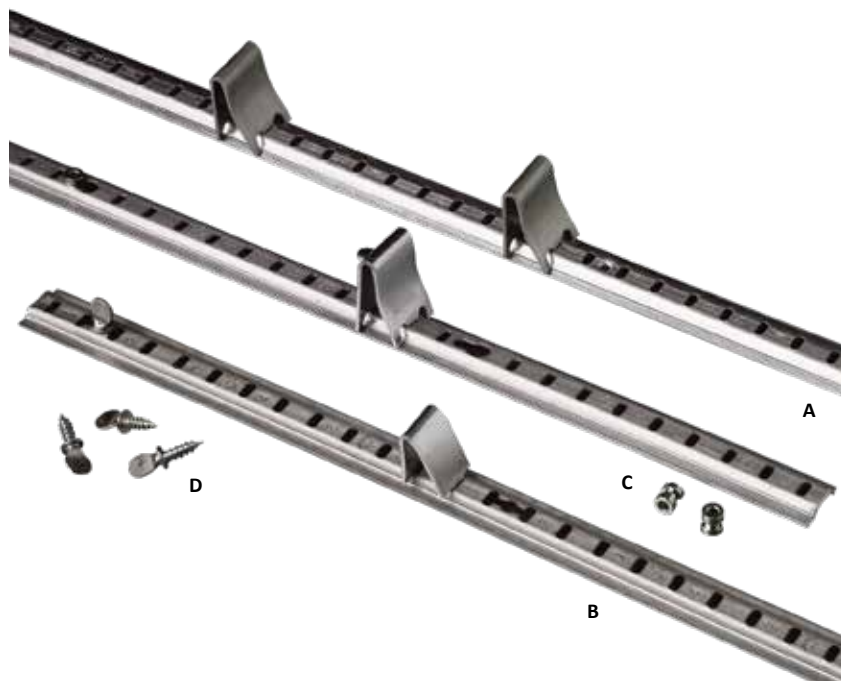


EXTENDED PIN
FURNISHED ONLY ON INTERMEDIATE BRACKETS



PILASTER & SHELF SUPPORTS

B



REF. A

CONVENTIONAL TYPE PILASTER

ALUMINUM MODEL NO.	STAINLESS STEEL MODEL NO.	LENGTH
T22-0024	T22-1024	24" (610mm)
T22-0036	T22-1036	36" (914mm)
T22-0042	T22-1042	42" (1067mm)
T22-0048	T22-1048	48" (1219mm)
T22-0060	T22-1060	60" (1524mm)
T22-0072	T22-1072	72" (1828mm)
T22-0144	T22-1144	144" (3658mm)

NOTE: SPECIAL LENGTHS AVAILABLE UPON APPLICATION.
SHELF SLOTS ARE 1/2" ADJUSTMENT. COUNTERSUNK
MOUNTING HOLES EQUALLY SPACED ON 6" CENTERS
AND WILL ACCEPT #4 FLAT HEAD SCREWS
OR STANDARD POP-RIVETS.

REF. B

REMOVABLE TYPE PILASTER

ALUMINUM MODEL NO.	STAINLESS STEEL MODEL NO.	LENGTH
T23-0024	T23-1024	24" (610mm)
T23-0036	T23-1036	36" (914mm)
T23-0042	T23-1042	42" (1067mm)
T23-0048	T23-1048	48" (1219mm)
T23-0060	T23-1060	60" (1524mm)
T23-0072	T23-1072	72" (1828mm)
T23-0144	T23-1144	144" (3658mm)

NOTE: SPECIAL LENGTHS AVAILABLE UPON
APPLICATION. SHELF SLOTS ARE 1/2" ADJUSTMENT.
KEYHOLE SLOTS EQUALLY SPACED ON 6" CENTERS.
DESIGNED FOR USE WITH REMOVABLE
THUMBSCREW MODEL NO. T32-5020.

REF. C

KEYHOLE TYPE PILASTER

ALUMINUM MODEL NO.	STAINLESS STEEL MODEL NO.	LENGTH
T21-0024	T21-1024	24" (610mm)
T21-0036	T21-1036	36" (914mm)
T21-0042	T21-1042	42" (1067mm)
T21-0048	T21-1048	48" (1219mm)
T21-0060	T21-1060	60" (1524mm)
T21-0072	T21-1072	72" (1828mm)
T21-0144	T21-1144	144" (3658mm)

NOTE: SPECIAL LENGTHS AVAILABLE UPON
APPLICATION. SHELF SLOTS ARE 1/2" ADJUSTMENT.
KEYHOLE SLOTS EQUALLY SPACED ON 6" CENTERS.
DESIGNED FOR USE WITH KEYHOLE SUPPORT
MODEL NO. T34-1010.

REF. D

STAINLESS STEEL THUMBSCREW

MODEL NO. T32-5020

SIZE: #8 x 1/2" (13mm) LONG

POP-RIVET TYPE KEYHOLE SUPPORT

MODEL NO. T34-1010

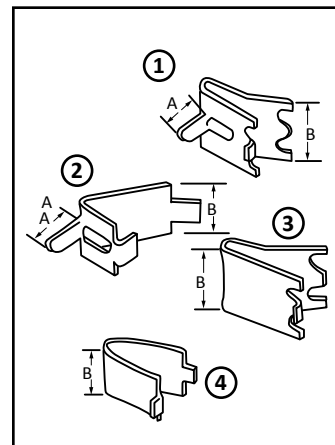
BRASS NICKEL PLATED MATERIAL
USE WITH 1/8" DIA.
X 1/3" LG. RIVETS
(3mm DIA. x 7.5mm) LONG



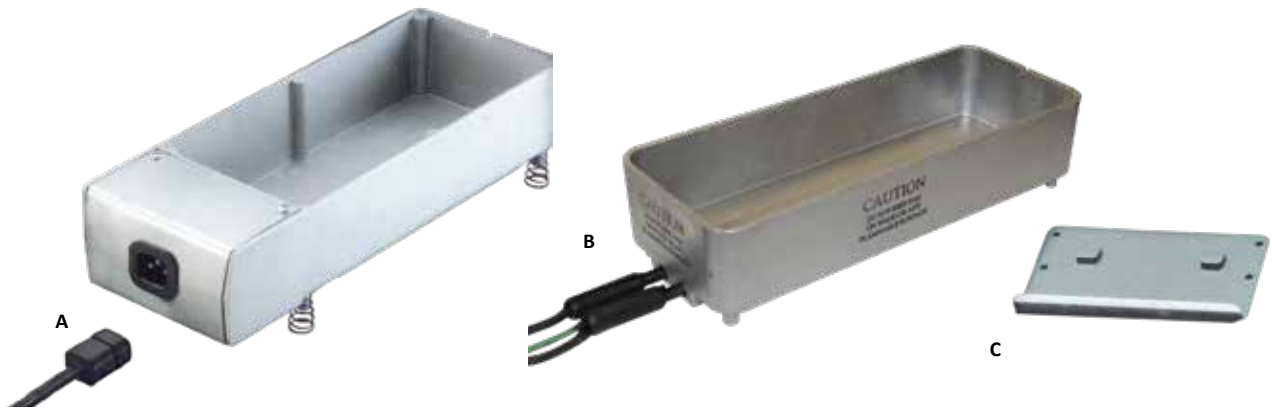
REF. E

SNAP-IN SHELF SUPPORTS

REF.	MODEL NO.	MATERIAL	"A" TAB HEIGHT	"B" CLIP WIDTH
1	T30-5130	Stainless Steel	7/16" (11mm)	7/8" (22mm)
1	T30-5130-TAB	Stainless Steel	1/4" (6mm)	7/8" (22mm)
1	T30-5131	Zinc Plated	7/16" (11mm)	7/8" (22mm)
3	T30-5030	Stainless Steel	-	7/8" (22mm)
4	T30-5031	Zinc Plated	-	5/8" (16mm)
4	T30-5032	Stainless Steel	-	5/8" (16mm)
2	T30-5050	Zinc Plated For H.D. Sq.	1/2" (13mm)	3/4" (19mm)
2	T30-5051	Aluminum For H.D. Sq.	1/2" (13mm)	3/4" (19mm)
2	T30-5055	Stainless Steel FOR H.D. Sq.	1/2" (13mm)	3/4" (19mm)
1	T30-9901-UT	Zinc Plated	1/4" (6mm)	7/8" (22mm)



CONDENSATE EVAPORATORS



UL-PTC EVAPMATIC CONDENSATE EVAPORATORS FEATURES

- ALL MODELS U.L. RECOGNIZED (FILE #SA7009)
- HEATER PAD WITH PTC RESISTOR WIRE CONSERVES ENERGY BY SELF-REGULATING THE WATTAGE REQUIRED TO BURN OFF CONDENSATE IN THE PAN
- 160, 190 AND 300 WATT MODELS • 117 AND 220 VOLT MODELS
- DIE CAST ALUMINUM CONSTRUCTION • 50 oz (1479ml) CAPACITY
- REMOVABLE CORDSETS WITH MOLDED PLUGS
- CE APPROVED MODELS FOR EUROPEAN 160 AND 300 WATT, 230 VOLT APPLICATIONS

U.L. MODEL NO.	C.S.A. MODEL NO.	WATTAGE	VOLTAGE	CAPACITY	EVAPORATOR rate/hr.
T12-0370	-	160	117	50 oz (1479ml)	3 oz (90ml)
T12-0372	-	160	220	50 oz (1479ml)	3 oz (90ml)
T12-5000	-	300	117	50 oz (1479ml)	5.75 oz (170ml)
T12-5200	-	300	220	50 oz (1479ml)	5.75 oz (170ml)
-	T12-5000-CSA	190	117	50 oz (1479ml)	5.4 oz (160ml)
-	T12-5200-CSA	190	220	50 oz (1479ml)	5.4 oz (160ml)

U.L. MODEL NO.	WATTAGE	VOLTAGE	CAPACITY	EVAPORATOR rate/hr.
T12-0372-CE	160	230	50 oz (1479ml)	2.5 oz (74ml)
T12-0372-CE48	160	230	50 oz (1479ml)	2.5 oz (74ml)
T12-0372-CE84	160	230	50 oz (1479ml)	2.5 oz (74ml)
T12-5200-CE	300	230	50 oz (1479ml)	4.8 oz (143ml)
T12-5200-CE48	300	230	50 oz (1479ml)	4.8 oz (143ml)
T12-5200-CE84	300	230	50 oz (1479ml)	4.8 oz (143ml)

SPECIFICATIONS:

- VOLUME:** 50 FLUID OUNCES (1479 ml)
- O.A. SIZE:** 4-3/4" X 12-1/2" X 2-3/4"
(120mm X 317mm X 70mm)
- PAN:** DIE CAST ALUMINUM
- CORDSET:** REMOVABLE, 18" (457mm) LONG STANDARD
- LEGS:** WIRE SPRING TYPE



NOTE: LONGER CORDSETS WITH OR WITHOUT MOLDED PLUGS ARE AVAILABLE UPON APPLICATION

REF. B

BASIC CONDENSATE EVAPORATOR

- STANDARD SIZE
- DIE CAST ALUMINUM CONSTRUCTION
- 18" (457mm) LG. WIRE LEADS
- 34 oz (1000ml) CAPACITY

MODEL NO. T10-3351
(160 WATTS, 117 VOLTS)

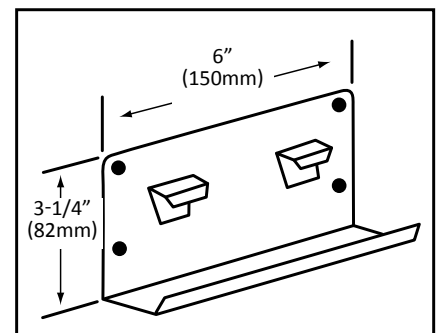
SPECIFICATIONS:

- VOLUME:** 34 FLUID OUNCES (1000ml)
- O.A. SIZE:** 4" X 10-1/8" X 3"
(102mm X 260mm X 76mm)
- PAN:** DIE CAST ALUMINUM
- WIRE LEADS:** 18" (457mm) LONG
- LEGS:** WIRE SPRING TYPE

REF. C

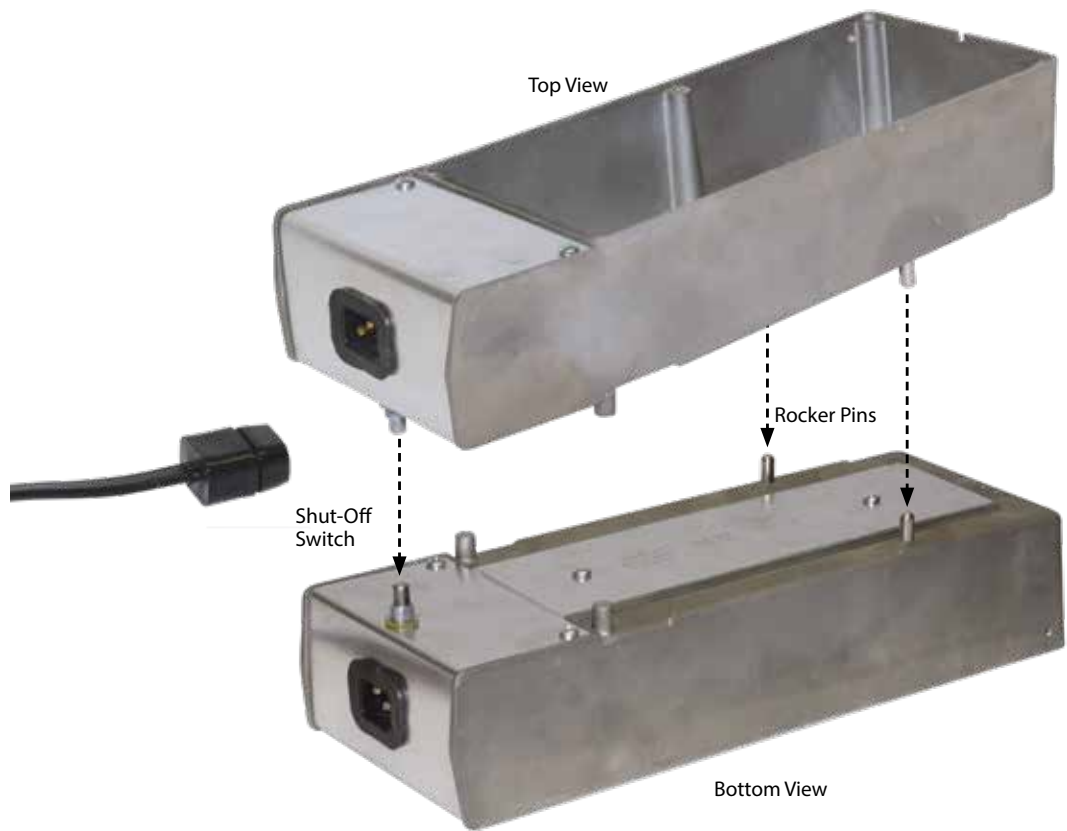
CONDENSATE EVAPORATOR WALL MOUNT BRACKET

MODEL NO. T12-3390



CONDENSATE EVAPORATORS

B



UL-PTC EVAPMATIC CONDENSATE EVAPORATORS WITH ENERGY-SAVING ON/OFF PRESSURE SWITCH

- WEIGHT-SENSING ON/OFF PRESSURE SWITCH AND ROCKER PINS ON BOTTOM OF UNIT REDUCE ENERGY CONSUMPTION BY ONLY ACTIVATING THE EVAPORATOR WHILE WATER IS PRESENT IN THE PAN
- HEATER PAD WITH PTC RESISTOR WIRE FURTHER CONSERVES ENERGY BY SELF-REGULATING THE WATTAGE REQUIRED TO BURN OFF CONDENSATE IN THE PAN
- 160 WATT AND 300 WATT MODELS AVAILABLE • 117 VOLT AND 220 VOLT MODELS AVAILABLE
 - 50 FL. OZ. (1479ml) DIE CAST ALUMINUM PAN
 - 18" (457mm) GROUNDED REMOVABLE CORD SET (OTHER LENGTHS AVAILABLE WITH OR WITHOUT PLUG)

U.L. MODEL NO.	WATTAGE	VOLTAGE	CAPACITY	EVAPORATOR rate/hr.
T12-0370-P	160W	117V	50 oz (1479ml)	3 oz (90ml)
T12-0372-P	160W	220V	50 oz (1479ml)	3 oz (90ml)
T12-5000-P	300W	117V	50 oz (1479ml)	5.75 oz (170ml)
T12-5200-P	300W	220V	50 oz (1479ml)	5.75 oz (170ml)



THERMOMETERS AND MINI VENT PORT



B

REFRIGERATOR / FREEZER THERMOMETERS

7.5"
4.38"
3.66"
5.0"
THIS END ROTATES
.42"

**ECONOMICAL
REFRIGERATOR / FREEZER THERMOMETER
MODEL NO. T90-330**

- DUAL SCALE TEMPERATURE RANGE -40° TO 120°F (-40° TO 50°C)
- NON-TOXIC SOLUTION IN COMPLETELY SEALED GLASS TUBE
 - HANGS FROM SHELF OR FASTENS PERMANENTLY
 - UNIQUE 360° SWIVEL MOUNTING BRACKET

120°
2-5/8" DIA. (66mm)
5/32" DIA. (4mm)
2-2/25" DIA. (53mm)
2-1/4" DIA. (57mm)
2" DIA. (52mm)
3/16" (5mm)
1-1/16" (27mm)

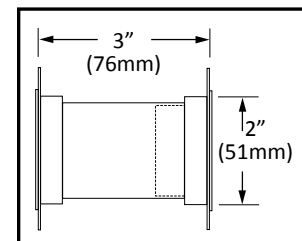
**FLUSH FRONT RECESSED MOUNT
THERMOMETER
MODEL NO. T90-6142**

- DUAL SCALE TEMPERATURE RANGE -40° TO 65°F (-40° TO 20°C)
- STAINLESS STEEL HOUSING
- ACCURACY + 2% • 2" DIAL - 3" FLANGE
- RECALIBRATEABLE • 48" CAPILLARY



MICRO-MINI VENT PORT™ PRESSURE RELIEF PORTS FOR REACH-IN COOLERS MODEL NO. R88-1000

- DESIGNED FOR 3" WALL THICKNESS
- FAST PRESSURE EQUALIZATION
- CORROSION & VERMIN PROOF
- INSULATED CONSTRUCTION
 - TWO-WAY AIR FLOW
 - FULL SIZE PORTS
 - 2" (51mm) DIA.



THERMAL MASTIC, GROMMETS & CONDUIT SLEEVE

B



REF. A

THERMAL MASTIC HEAT TRANSFER COMPOUND

- REPLACES* SOLDER FOR HEAT TRANSMISSION
- STABLE AT ALL WORKING TEMPERATURES
- DOES NOT HARDEN OR LOSE ADHESION AT -50°F (-45°C)
 - WILL NOT FLOW AT 220°F (104°C)
 - FLASHPOINT: 450°F (32°C)

THERMAL MASTIC CAN BE USED WHEREVER RAPID TRANSMISSION IS DESIRED...BETWEEN COILS AND LINERS, BETWEEN LIQUID AND SUCTION LINE HEAT EXCHANGERS.

THERMAL MASTIC COATING

10.3 oz (305ml) TUBE CARTRIDGE

MODEL NO. Q77-1000

5 gal (19 lit) CONTAINER

MODEL NO. Q77-1250

53 gal (200 lit) CONTAINER

MODEL NO. Q77-1260

REF. B

FLEXIBLE INSULATING CONDUIT SLEEVE

- **FULL PROTECTION**
OF ELECTRICAL AND OTHER SUPPLY LINES PASSING THROUGH METAL SKIN REFRIGERATION PANELS
- **CLEAN APPEARANCE**
PROVIDES A PROFESSIONAL FINISHED LOOK
- **LABOR SAVING**
ELIMINATES THE NEED FOR COSTLY TAILPIECE ASSEMBLIES AND WELDED JOINTS
- **COMPENSATING FLEXIBLE HEAD**
FITS ALL PANEL THICKNESSES
FROM 2" (51mm) TO 2-1/4" (57mm)
- **PROVIDES A FULL 1-1/4" (32mm)**
DIAMETER PASS THRU OPENING
FOR ALL EXTERNAL SUPPLY LINES

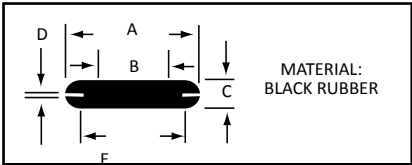
MODEL NO. R90-1002

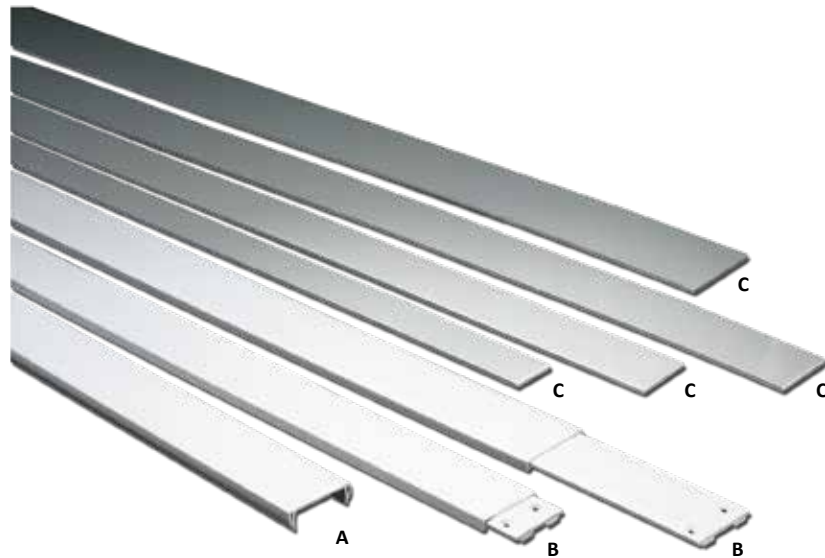
MATERIAL: BLACK PVC
REQUIRES A 1-5/8" (41mm) CLEARANCE HOLE

REF. C

RUBBER GROMMETS LARGE DIAMETER RUBBER GROMMETS

MODEL NO.	A	B	C	D	E
Q24-0420	1-7/8" (47mm)	1-1/8" (28mm)	3/8" (9mm)	1/16" (1.5mm)	1-1/2" (38mm)
Q24-0520	2-7/8" (73mm)	2-1/8" (54mm)	7/16" (11mm)	1/16" (1.5mm)	2-1/2" (63mm)





REF. C

FLAT BREAKER STRIP

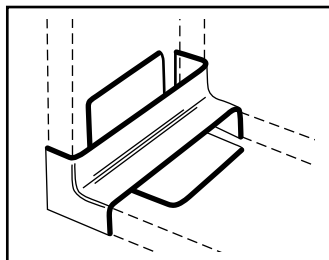
- MATTE GRAY ABS - MAR FREE
 - PAPER MASKED ONE SIDE
 - WILL NOT ABSORB ODORS
 - USDA and FDA APPROVED

MODEL NO.	WIDTH
T54-0937	15/16" (24mm)
T54-1500	1-1/2" (38mm)
T54-1750	1-3/4" (44mm)
T54-2000	2" (51mm)
T54-2250	2-1/4" (57mm)
T54-2750	2-3/4" (70mm)
T54-3000	3" (76mm)

NOTE: FURNISHED IN 6 ft (1830mm) LENGTHS
WITH A STANDARD THICKNESS OF .110 (2.8mm).
SPECIAL SIZE WIDTHS AVAILABLE ON QUANTITY ORDERS

MOLDED PLASTIC CORNER

FOR USE WITH
T55-20-011 (2-5/16" WIDE)
BREAKER STRIP ONLY. PROVIDES
FINISHED APPEARANCE



MODEL NO. T55-0598
COLOR: GRAY
TO MATCH BREAKER STRIP

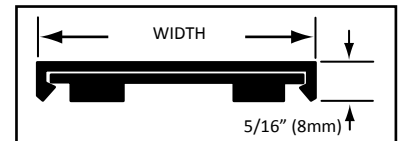
REF. B

EXTRUDED...SNAP-ON BREAKER STRIP

- MATTE GRAY PVC - MAR FREE
 - EASILY CUT • ODORLESS
 - USDA and FDA APPROVED

TWO-PIECE SNAP-ON BREAKER STRIP

BOTTOM STRIP HAS 1/8" (3mm) DIA.
COUNTERSUNK HOLES EVERY 6" (152mm).
ALLOWS FOR FASTENING WITH COUNTERSUNK
SCREWS OR STANDARD POP-RIVETS. TOP STRIP
SNAPS IN PLACE CONCEALING ALL FASTENERS.

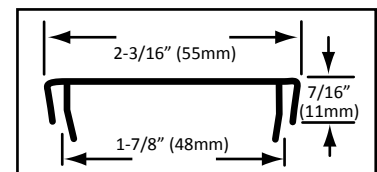


MODEL NO. T55-20-011
2-5/16" (59mm) WIDE

MODEL NO. T55-20-053
2" (51mm) WIDE
FURNISHED IN 6 ft (1830mm) LENGTHS

REF. A

ONE PIECE SNAP-ON BREAKER STRIP
PROVIDES FAST INSTALLATION. SNAPS OVER
SHEET METAL RETURNS, PROVIDES A
SMOOTH CLEAN FINISH.

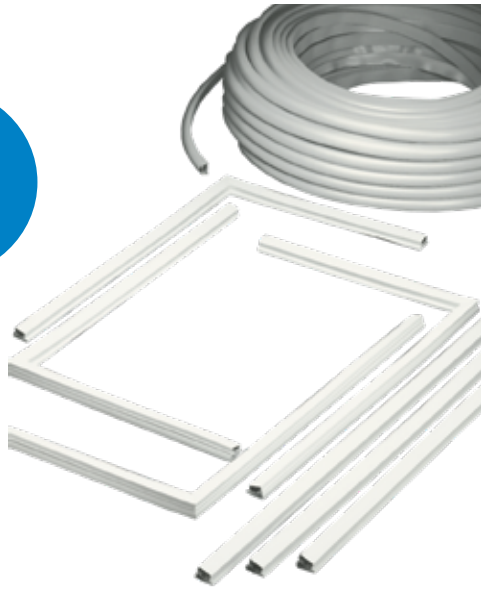


MODEL NO. T55-20-010
2-3/16" (55mm) WIDE
FURNISHED IN 6 ft (1830mm) LENGTHS



GASKETS & GASKET FRAMES

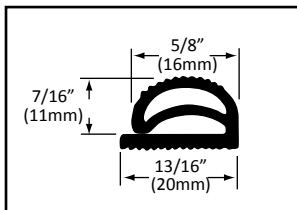
B



GRAY PVC COMPRESSION GASKET

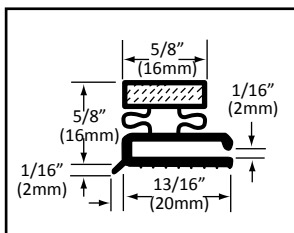
- GREASE RESISTANT • EASY TO CLEAN
- DURABLE - NO WASTE

MODEL NO. T42-3330
200 FT. (76mm) ROLL



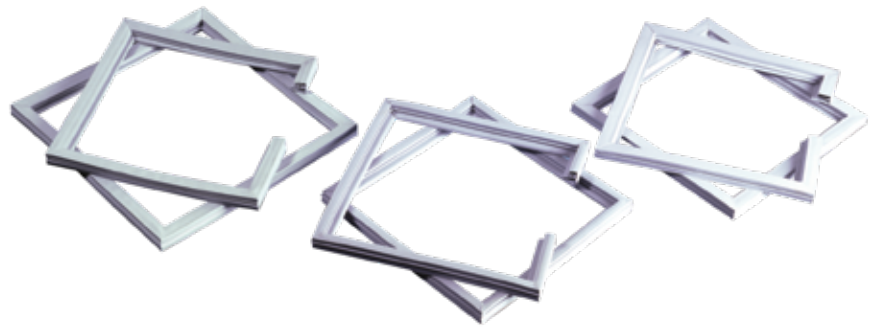
MAGNETIC GASKET KITS

- NEUTRAL GRAY PVC • FULLY WELDED CORNERS
- EASY INSTALLATION • MINIMIZES INVENTORY



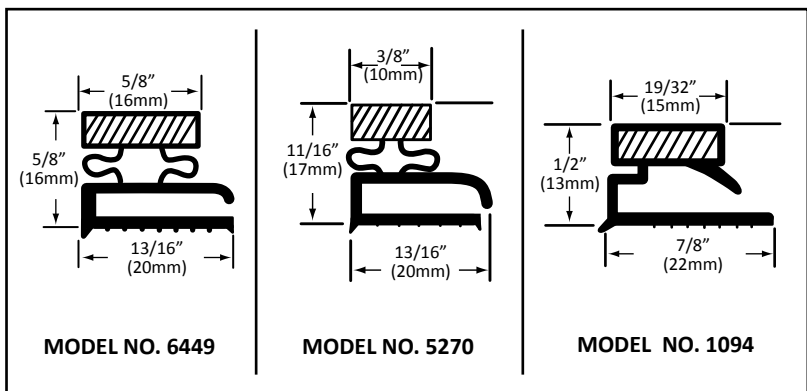
STRAIGHT KIT
GFK-6449-S
24 LENGTHS
36" (915mm) LG.

CORNER KIT
GFK-6449-C
24 PER BOX
12 R.H. and 12 L.H.
12" X 18"
(305mm x 457mm)



COMPLETE MAGNETIC GASKET FRAMES WITH WELDED CORNERS

- DURABLE GRAY PVC
- CUSTOM MADE SIZES • NO TOOLING CHARGES
- ECONOMICAL - NO WASTE
- AVAILABLE IN THREE INDUSTRY STANDARD PROFILES



MODEL NO. 6449

MODEL NO. 5270

MODEL NO. 1094

WHEN ORDERING MAGNETIC GASKET FRAMES SPECIFY MODEL NO.
AND EXACT OUTSIDE DIMENSIONS OF FRAME
NOTE: GASKET FRAMES ARE ALSO AVAILABLE WITH MAGNET ON 3 SIDES,
COMPLETE WITH PLUGGED ENDS MINIMUM ORDER 25 FRAMES PER SIZE



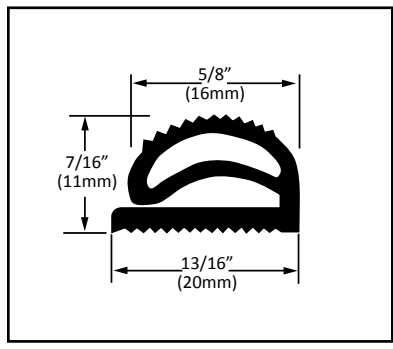


COMPLETE COMPRESSION GASKETS FRAMES with WELDED CORNERS

- DURABLE GRAY PVC
- CUSTOM MADE SIZES
- NO TOOLING CHARGE
- ECONOMICAL - NO WASTE

SNAP-IN REMOVABLE MAGNETIC GASKET FRAMES and RETAINER STRIP

- FOR FOAMED IN PLACE INSULATION
- FAST INSTALLATION • SNAPS INTO POSITION
- NO SPECIAL TOOLS REQUIRED • NO FASTENERS REQUIRED
- AVAILABLE IN GRAY OR BLACK PVC



WHEN ORDERING
COMPRESSION GASKET FRAMES
SPECIFY

MODEL NO. 5804*
AND EXACT OUTSIDE DIMENSIONS

MINIMUM ORDER...
25 FRAMES PER SIZE

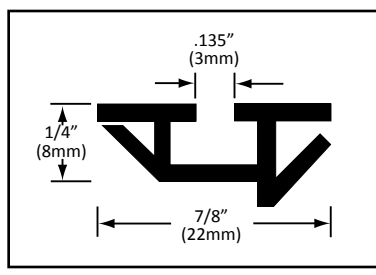
*UTILIZES T42-3330 GASKET

FURNISHED AS COMPLETE GASKET FRAMES WITH WELDED CORNERS

MODEL NO. 6601-B & 6601
ARE SINGLE DUROMETER GASKET

MODEL NO. 10-516
IS A DUAL DUROMETER GASKET

WHEN ORDERING SNAP-IN MAGNETIC GASKET FRAMES SPECIFY MODEL NO. AND EXACT CENTERLINE DIMENSIONS OF FRAME. MINIMUM ORDER 25 FRAMES PER SIZE. OTHER COLORS AVAILABLE UPON REQUEST.



WHEN ORDERING
RETAINER STRIPS SPECIFY

MODEL NO. 20-001
AND LENGTH REQUIRED



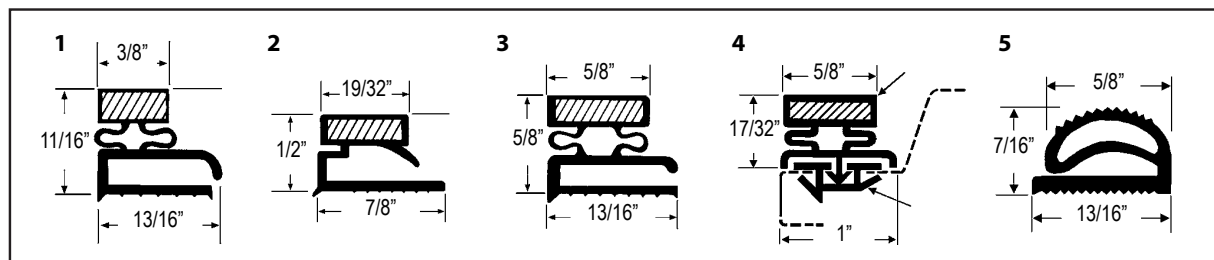
ORDER FORM FOR CUSTOM MADE GASKET FRAMES

B

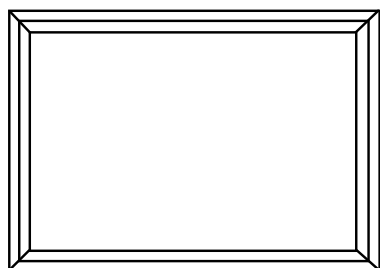
INSTRUCTIONS: Use this order form for all custom made gaskets.
Fill out the exact specifications and mail or fax it to us.
PLEASE NOTE: Custom made items are not returnable.

SELECTION CHART

REF.	QTY.	MODEL NO.	TYPE
1	_____	5270	Standard Magnetic
2	_____	1094	Standard Magnetic
3	_____	6449	Standard Magnetic
4	_____	10-516	Snap-in Magnetic
5	_____	5804	Standard Compression



SPECIFY WIDTH _____

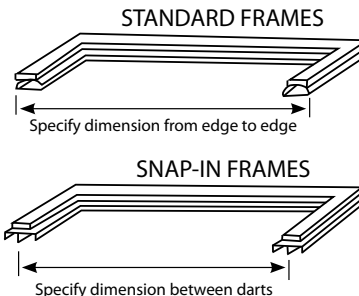


SPECIFY HEIGHT _____

NUMBER OF SIDES

3 4

MEASURING A GASKET FRAME:



PRE-INSTALLATION TIPS

- Allow replacement gasket to reach room temperature before unfolding.
- Carry gasket by its corners and avoid squeezing folds to prevent breaking the internal magnetic strip.
- Thoroughly clean the area of the door where the gasket attaches, as well as the cabinet perimeter that the gasket face contacts.

DISTORTIONS

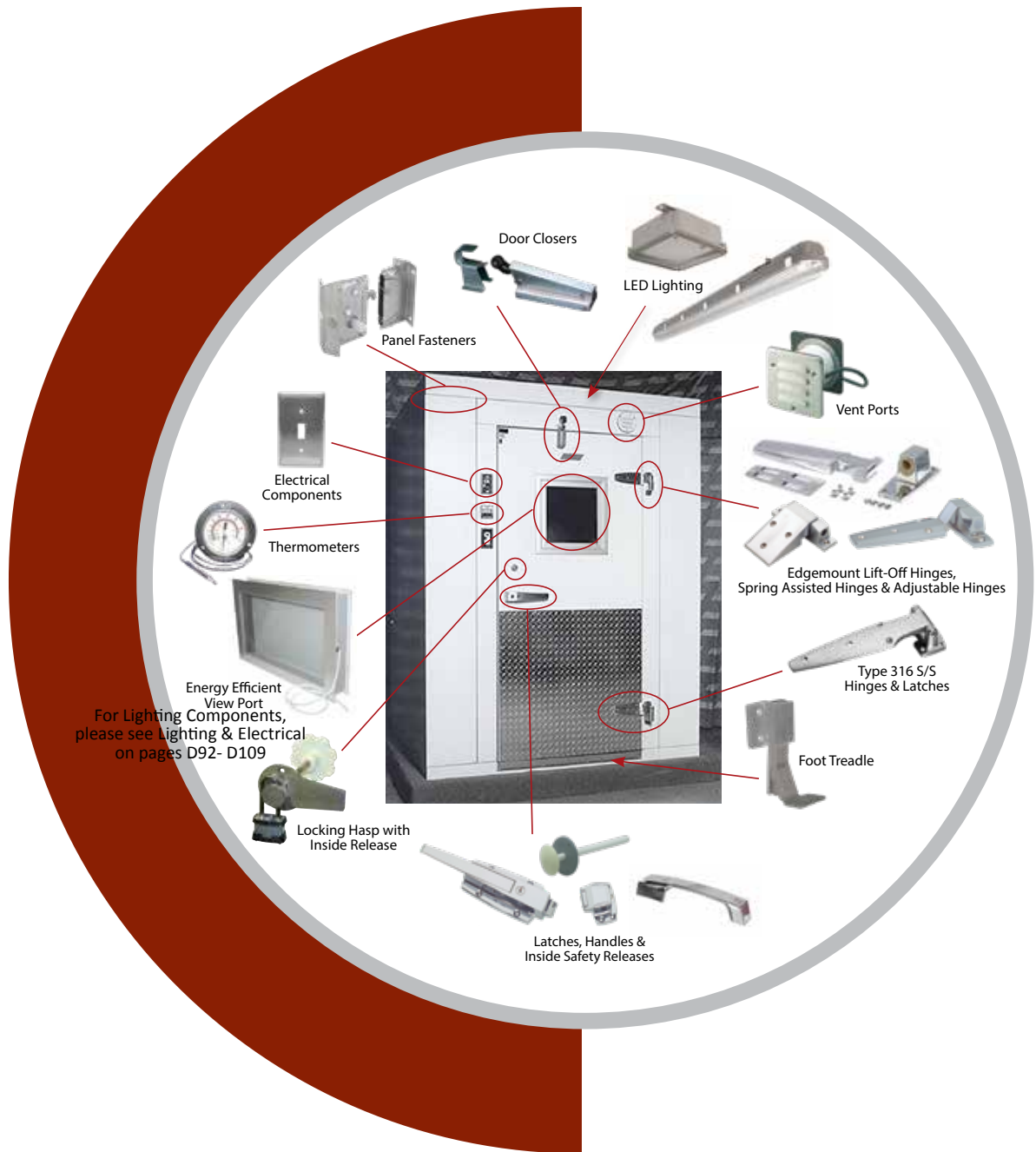
- Our gaskets are made from a vinyl material which can become distorted from folding. The folding is necessary to allow a practical and economically sized shipping parcel.
- The vinyl material retains a "memory" of its original shape so any distortions or kinks will only be temporary.
- Return to the original shape can be accelerated greatly by the application of heat, for example:
Immerse gasket in 140°-185°F (60°-85°C) water for 15 to 30 minutes before installing.
Apply heat from an electric hair dryer or heat lamp before and after installation. Care must be taken not to overheat and stretch or melt the material when using this method.

COMPANY NAME _____
ADDRESS _____

PHONE NO. _____
P.O. NO. _____ DATE _____
AUTHORIZED BY _____



WALK-IN REFRIGERATION



HINGE SELECTOR GUIDE & CHART

WALK-IN COOLER DOOR PULL HANDLES
WALK-IN COOLER DOOR SAFETY LATCHES
HEAVY-DUTY WALK-IN DOOR SAFETY LATCHES
INSIDE SAFETY RELEASES
SOLID STAINLESS STEEL INVESTMENT CAST HINGES
SOLID STAINLESS STEEL INVESTMENT CAST LATCHES
HARDWARE FOR OUTDOOR STRUCTURES
WALK-IN DOOR HINGES
POWER SPRING CONVERSION CARTRIDGE KIT
HEAVY-DUTY WALK-IN DOOR HINGES

C66	HEAVY-DUTY NON-ADJUSTABLE WALK-IN DOOR HINGES	C78
C67	HEAVY-DUTY ADJUSTABLE WALK-IN DOOR HINGES	C79
C68	DOOR HINGE AND CLOSERS FOR WALK-IN REFRIGERATORS AND FREEZERS	C80-C82
C69	PRESSURE RELIEF PORT AND THERMOMETERS	C83
C70-C71	FIP PANEL FASTENERS	C84-C85
C72	SLAB FOAM PANEL FASTENERS	C86-C87
C73	RIGID RAIL PANEL FASTENERS	C88-C89
C74	VIEW PORT WINDOW	C90
C75-C76	ACCESSORIES FOR WALK-IN REFRIGERATION & FREEZERS	C91
C76		
C77		



HINGE SELECTOR GUIDE & CHART

COMPONENT HARDWARE® HINGE SELECTOR GUIDE

This hinge selector is designed to assist you in choosing the correct Component Hardware hinges for commercial reach-in and walk-in refrigeration, foodservice equipment, transportation, industrial and other applications. The Load Chart below shows our recommended allowable load per pair of hinges for each hinge group. The data supplied in this chart applies for normal operating conditions under static

loading by door weight only. Other factors, such as positive or negative pressure, high gasket compression, lateral stress, corrosive or abrasive environments, or structural movement are not taken into account. It is the ultimate responsibility of the user to determine the suitability and capacity required for their specific application.

1. Locate the weight of your door in the far left column, headed **DOOR WEIGHT**.
2. Find the width of your door along the bottom of the chart.
3. Where the weight line and width column intersect, find the recommended hinge group code (A, B, etc.)
4. Select your hinges from the Component Hardware® hinge groups below.

NOTE: If exact dimensions and weight for your door is not shown, use the next higher width and weight.

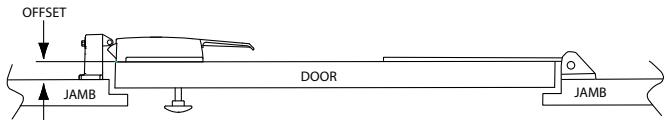
Hinge Groups A-C Shown in REACH-IN, Section B
Hinge Groups D-J Shown in WALK-IN, Section C

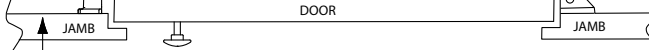
COMPONENT HARDWARE® HINGE GROUPS

GROUP	HINGE MODEL NUMBERS
A	R20-1010, R20-1020, R45-1010, R40-1010, R42-2840, R42-2841, R42-2842, R42-2843, R42-2842-BR
B	R42-2000, R42-2855, R56 SERIES
C	R50-2850, R50-2850-SPO, R50-2850-BLK, R50-2850-SS, R50-2850-NL, R50-2850-BA, R51-2000, R51-2000-RS, R51-2000-CS
D	W58, W59, W60, W61 SERIES, W99-6015-SS, W99-4100-SSRH, W99-4100-SSLH, W55-1000, W56-1000
E	N/A
F	W99-2001, W99-2001-GE, W99-2063, W99-2063-G6, W77-1625
G	N/A
H	N/A
J	N/A

HOW TO DETERMINE OFFSET FOR HINGES AND LATCHES

With door closed, measure the distance from the jamb to the door face.



DOOR WEIGHTS		LOAD CHART																					
kg.	lb.																						
226.8	500	D	D	E	F	F	F	G	G	G	G	H	H	H	H	H	H	H	J	J	J	J	
217.7	480	D	D	E	F	F	F	G	G	G	G	H	H	H	H	H	H	H	J	J	J	J	
208.6	460	D	D	E	E	F	F	F	G	G	G	G	H	H	H	H	H	H	H	J	J	J	
199.5	440	D	D	D	E	F	F	F	G	G	G	G	G	H	H	H	H	H	H	H	J	J	
190.5	420	D	D	D	E	F	F	F	F	G	G	G	G	H	H	H	H	H	H	H	H	J	
181.4	400	D	D	D	E	E	F	F	F	G	G	G	G	G	H	H	H	H	H	H	H	H	
172.4	380	D	D	D	D	E	F	F	F	F	G	G	G	G	H	H	H	H	H	H	H	H	
163.3	360	D	D	D	D	E	E	F	F	F	G	G	G	G	G	G	H	H	H	H	H	H	
154.2	340	D	D	D	D	E	E	F	F	F	F	G	G	G	G	G	G	H	H	H	H	H	
145.2	320	C	D	D	D	D	E	E	F	F	F	F	G	G	G	G	G	G	H	H	H	H	
136.1	300	C	D	D	D	D	D	E	E	F	F	F	F	G	G	G	G	G	G	G	G	H	
127.0	280	C	D	D	D	D	D	E	E	F	F	F	F	F	G	G	G	G	G	G	G	H	
117.9	260	C	C	D	D	D	D	D	E	E	F	F	F	F	G	G	G	G	G	G	G	G	
108.9	240	C	C	D	D	D	D	D	D	E	E	F	F	F	F	F	F	G	G	G	G	G	
99.8	220	C	C	C	D	D	D	D	D	D	E	E	E	F	F	F	F	F	F	G	G	G	
90.7	200	B	C	C	D	D	D	D	D	D	D	E	E	E	F	F	F	F	F	F	F	G	
81.7	180	B	C	C	C	D	D	D	D	D	D	D	E	E	E	E	F	F	F	F	F	F	
72.6	160	B	B	C	C	C	D	D	D	D	D	D	D	D	E	E	E	E	F	F	F	F	
63.5	140	B	B	C	C	C	C	D	D	D	D	D	D	D	D	D	D	E	E	E	E	F	
54.4	120	B	B	B	C	C	C	C	C	D	D	D	D	D	D	D	D	D	D	D	E	E	
45.4	100	A	B	B	B	B	C	C	C	C	C	D	D	D	D	D	D	D	D	D	D	D	
36.3	80	A	A	B	B	B	B	B	C	C	C	C	C	C	D	D	D	D	D	D	D	D	
27.2	60	A	A	A	A	B	B	B	B	B	B	C	C	C	C	C	C	C	C	C	D	D	
18.1	40	A	A	A	A	A	A	A	A	B	B	B	B	B	B	B	B	B	C	C	C	C	
9.0	20	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	B	
DOOR WIDTH	in.	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72	
	cm.	30.5	38.1	45.7	53.3	61.0	68.6	76.2	83.8	91.4	99.1	106.7	114.3	121.9	129.5	137.2	144.8	152.4	160.0	167.6	175.3	182.9	



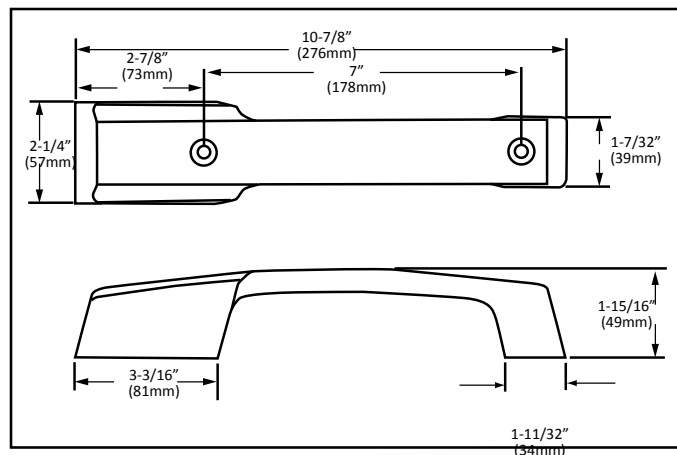
WALK-IN COOLER DOOR PULL HANDLES



W29 SERIES DOOR PULL HANDLES

- Heavy-duty high pressure zinc die-casting
- Satin chrome finish will not show fingerprints
- Polished chrome finish available
- Ergonomic design offers comfortable and easy door opening
- Non-handed-reversible feature for right or left hand swinging doors
- Concealed tamper-resistant mounting
- Ideal for all magnetic framed doors

MODEL NO.	DESCRIPTION	FINISH
W29-1000X	Without Cylinder	Satin Chrome
W29-2000 (not shown)	Without Cylinder	Polished Chrome

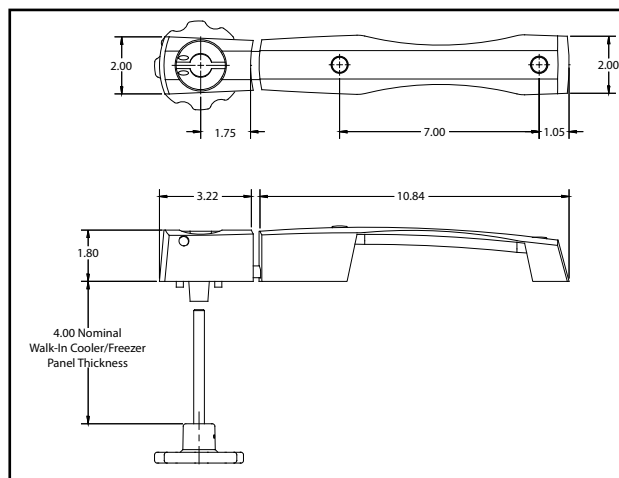


W30 SERIES HEAVY DUTY DOOR PULL

- Non-handed-reversible design fits right or left hand swinging doors
- Heavy-duty high pressure zinc die-cast construction
- Satin chrome finish will not show fingerprints
- Available in polished or satin chrome finishes
- Ergonomic design offers comfortable and easy door opening
- Concealed tamper-resistant mounting
- Ideal for all magnetic framed doors
- Locking models include inside safety release and unique padlock feature
- Safety release sized for 4" thick panel (other sizes available upon request)
- Styling coordinated with Component Hardware W59 Series door hinges

MODEL NO.	DESCRIPTION	FINISH
W30-1000-L*	With Lock	Satin Chrome
W30-2000-L*	With Lock	Polished Chrome

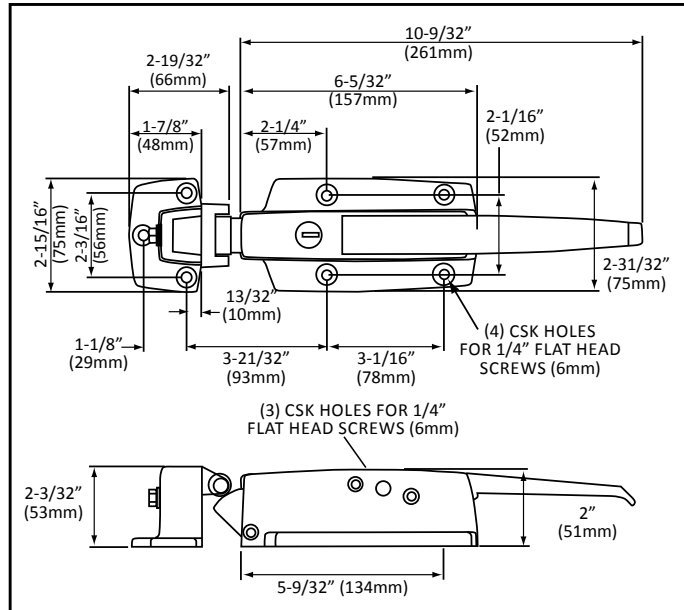
*NOTE: Non-Stock Item – 504 PC MOQ



WALK-IN COOLER DOOR SAFETY LATCHES

W19 SERIES SAFETY LATCHES DESIGNED ESPECIALLY FOR WALK-IN REFRIGERATORS AND FREEZERS

- AVAILABLE IN POLISHED CHROME OR SATIN CHROME FINISH



HEAVY- DUTY CONSTRUCTION... to provide the impact resistance required in heavy traffic areas. The latch body is constructed of reinforced die cast Zamak and furnished with a solid handle. All inner working parts and back plate are manufactured of solid stainless steel, unlike competitors models that can rust and leave unsightly stains on doors.

TAMPER PROOF DESIGN... eliminates pilferage of costly food stocks. Bolt cannot be retracted from the outside when latch is cylinder locked or padlocked. Yet with safety inside release mechanism occupants can safely exit even if latch is locked or padlocked.

FRICTION FREE OPERATION... provided by utilizing roller bolt retraction combined with roller strike action. Eliminates wear and allows doors to close smoothly and easily without slamming, while offering superb gasket compression.

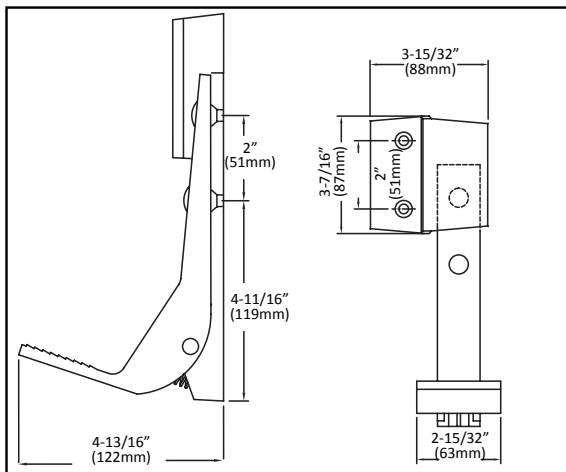
EASY LIFT HANDLE... user friendly requires minimal hand pressure to completely retract bolt from strike. Low 1-1/2" (38mm) handle rise eliminates tugging and wrist twisting.

EASILY ADJUSTED STRIKE ASSEMBLY... offers variable offset adjustment permitting field adjustment for door gasket wear.

MODEL NO.	DESCRIPTION	FINISH	OFFSET
W19-1000	No Cylinder Lock	Polished Chrome	
W19-1000-C	With Cylinder Lock	Polished Chrome	-1/8" TO 3/8" (-3mm TO 10mm)
W19-1000-SN	No Cylinder Lock	Satin Chrome	
W19-1000-C-SN	With Cylinder Lock	Satin Chrome	
W19-1500	No Cylinder Lock	Polished Chrome	3/4" TO 1-5/8" (19mm TO 41mm)
W19-1500-C	With Cylinder Lock	Polished Chrome	
W19-2000	No Cylinder Lock	Polished Chrome	1-5/8" TO 2-1/2" (41mm TO 64mm)
W19-2000-C	With Cylinder Lock	Polished Chrome	

FOOT TREADLE

For Safe & Convenient Hands-Free Door Operation



REPLACES* STANDARD KEIL (#2890 & 9183) AND DENT (D-82) WITH COMPONENT HARDWARE QUALITY HARDWARE



- Non-skid pedal surface
- Stainless Steel pin and low friction bearings
- Reversible for right or left hand door swing
- Length-7-3/4" (197mm)
- Material-Aluminum
- Brushed Aluminum Finish
- Offset-Flush
- Screw Holes- 1/4" (6mm) Hole, 82° Countersunk



MODEL NO.
W50-1000



HEAVY-DUTY WALK-IN DOOR SAFETY LATCHES

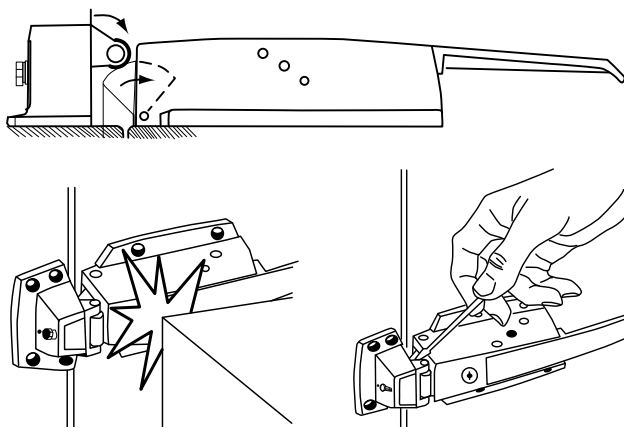
W38 SERIES SAFETY LATCHES DESIGNED ESPECIALLY FOR WALK-IN REFRIGERATORS AND FREEZERS

- AVAILABLE IN POLISHED CHROME OR SATIN CHROME FINISH

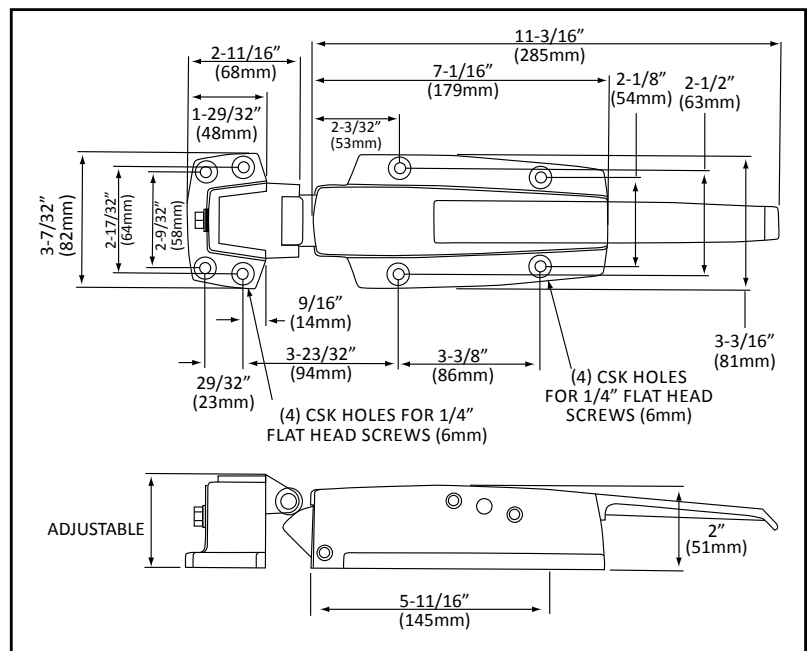


SUPER HEAVY-DUTY CONSTRUCTION... and large body profile latch is designed to withstand the most rigorous of commercial kitchen or cold room environments. Latch handle is produced of lifetime **SOLID FORGED BRASS** construction. All inner working parts and back plate are manufactured of solid stainless steel which provide a rugged, smooth and rust-free operation.

- EASY LIFT HANDLE
- HEAVY- DUTY CONSTRUCTION
- FRICTION-FREE OPERATION
- EASILY ADJUSTED STRIKE ASSEMBLY
- TAMPER PROOF DESIGN



MODEL NO.	DESCRIPTION	FINISH	OFFSET
W38-1000	No Cylinder Lock	Polished Chrome	
W38-1000-C	With Cylinder Lock	Polished Chrome	-1/8" TO 3/8" (-3mm TO 10mm)
W38-1000-SN	No Cylinder Lock	Satin Chrome	
W38-1500	No Cylinder Lock	Polished Chrome	
W38-1500-C	With Cylinder Lock	Polished Chrome	3/4" TO 1-5/8" (19mm TO 41mm)
W38-1500-SN	No Cylinder Lock	Satin Chrome	
W38-2000	No Cylinder Lock	Polished Chrome	
W38-2000-C	With Cylinder Lock	Polished Chrome	1-5/8" TO 2-1/2" (41mm TO 64mm)



INSIDE SAFETY RELEASES

W28 SERIES INSIDE SAFETY RELEASES FOR RECESSED MOUNT

- **surface mount and flush mount styles** are available
- **Glow-in-the-dark knob** meets all industry safety standards
- Durable **solid fiberglass reinforced polyester** pushrod provides years of smooth, safe, frost-free operation and eliminates conductivity of cold air
- Short Stroke engineering provides **immediate inside release** even if latch is cylinder locked, padlocked or both
- **Recessed design** protects knob from exposure to traffic of heavy crates, hand trucks and loading vehicles
- **ALL standard door thicknesses** are available

SPECIFICATIONS

KNOB: GLOW-IN-THE-DARK SAFETY GREEN THERMOPLASTIC

FLANGE: GREY THERMOPLASTIC

PUSH ROD: NON-CONDUCTIVE FIBERGLASS REINFORCED POLYESTER

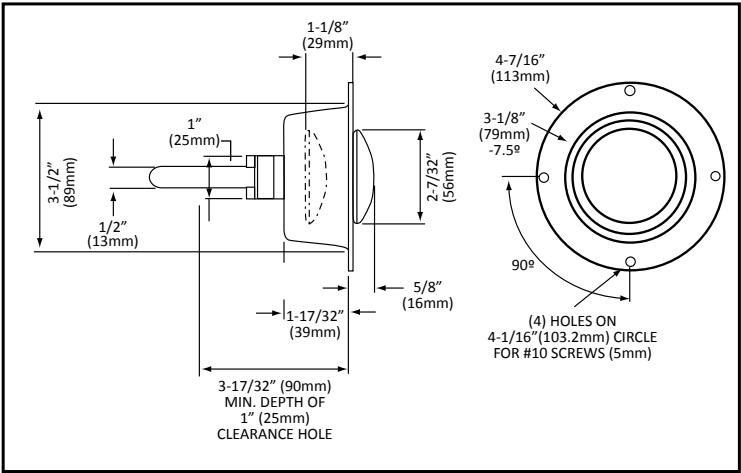
NOTE: INSIDE RELEASES MUST BE ORDERED SEPARATELY

RECESSED MOUNT

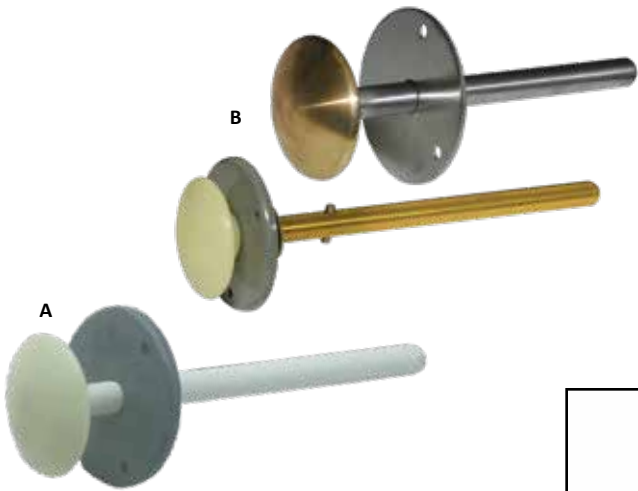
MODEL NO.	DOOR THICKNESS
W28-3400X	4" (102mm)
W28-3800X	8" (203mm)



ADDITIONAL ROD SIZES FOR VARYING DOOR THICKNESSES AVAILABLE ON APPLICATION



W28 SERIES INSIDE SAFETY RELEASES FOR SURFACE MOUNT



REF. A

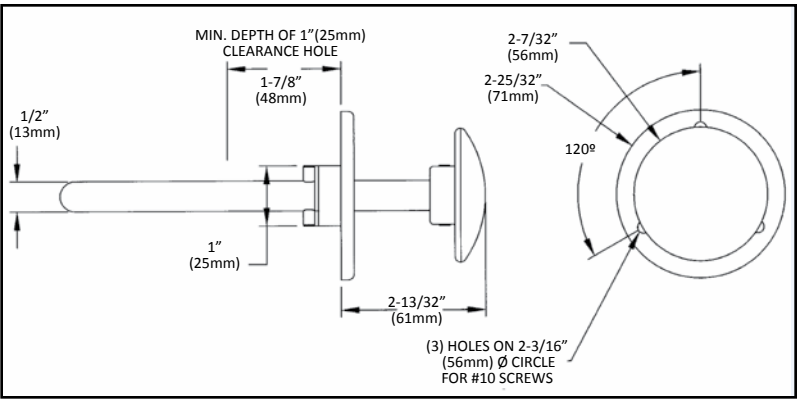
SURFACE MOUNT

MODEL NO.	DOOR THICKNESS
W28-2325X	3-1/4" (83mm)
W28-2400X	4" (102mm)
W28-2600X	6" (152mm)
W28-2800X	8" (203mm)

REF. B

STAINLESS STEEL INSIDE RELEASES AND BRASS RODS (SPECIAL ORDER)

MODEL NO.	DESCRIPTION
W28-2400-SSX	S/S Rod For 4" (102mm) Wall With Brass Knob
W28-2300-SSX	S/S Rod For 3" (76mm) Wall With Brass Knob
W28-2605	Brass Rod For 6" (152mm) Wall



INSIDE SAFETY RELEASES

PANIC BAR W/INSIDE SAFETY RELEASE

MODEL NO. W28-1000

FOR 3" DOOR

MODEL NO. W28-1200

FOR 4" DOOR



- Sturdy aluminum construction
- Glow-in-the-dark reflective strip
- For use with Component Hardware W19, W38 and W99 Series refrigeration safety latches
- Glow-in-the-dark reflective strip
- Reversible for left and right hand door applications
- Sturdy aluminum construction
- Supplied with stainless steel push rod

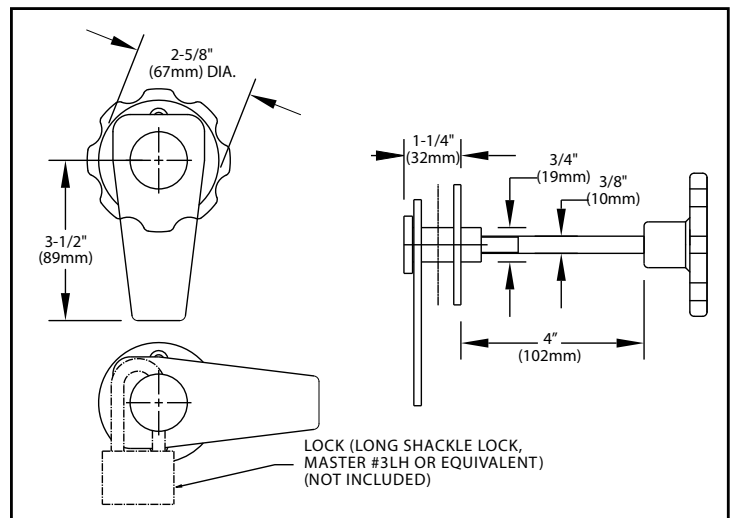
PADLOCK HASP WITH INSIDE SAFETY RELEASE

MODEL NO. W29-5000-4X

- For 4" (102mm) wall and flush door
- External parts are 300 series stainless steel with satin finish
- Plate can be locked in lock/open as well as locked/closed position
- Concealed mounting holes utilize #10 or #12 flat head screw
- Plastic glow in the dark inside release knob on solid brass rod



Simple padlocking hasp
secures any walk-in
cooler or freezer door.



SOLID STAINLESS STEEL INVESTMENT CAST HINGES

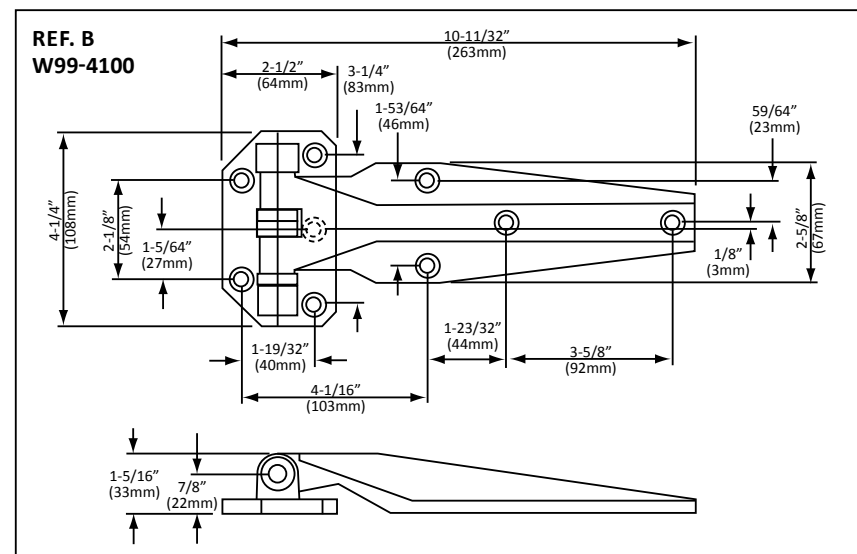
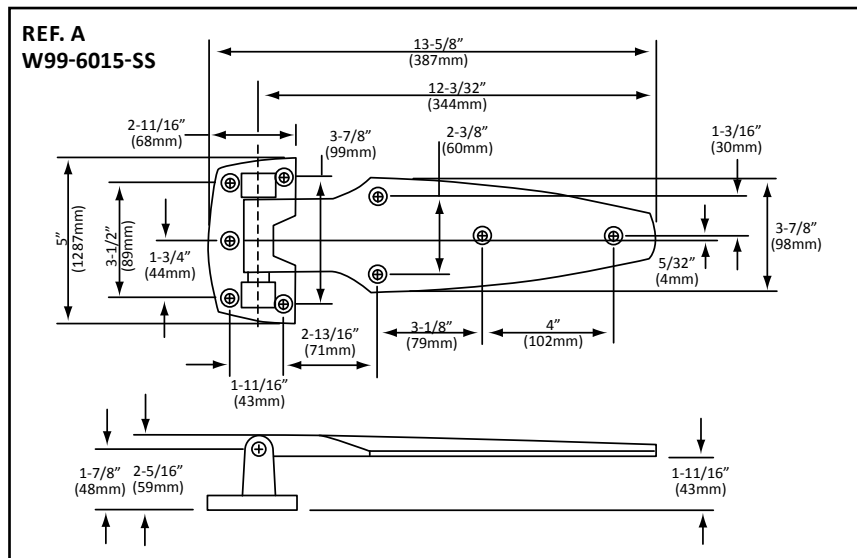


W99 SERIES INVESTMENT CAST HINGES

- The **ONLY ALL STAINLESS HINGE** available in today's market
- Field Reversible
- Solid stainless steel construction throughout
- Ideal for highly corrosive and humid environments
- Ideal for marine applications, outside cold rooms and commercial refrigerated truck bodies
- Rugged heavy-duty lifetime construction
- Tamper-proof design

MODEL NO.	DESCRIPTION
W99-6015-SS	1-5/8" (41mm) Offset
W99-4100-SSRH	Right Hand Flush
W99-4100-SSLH	Left Hand Flush

W99-4100 REPLACES DENT (D1P) WITH COMPONENT HARDWARE QUALITY HARDWARE



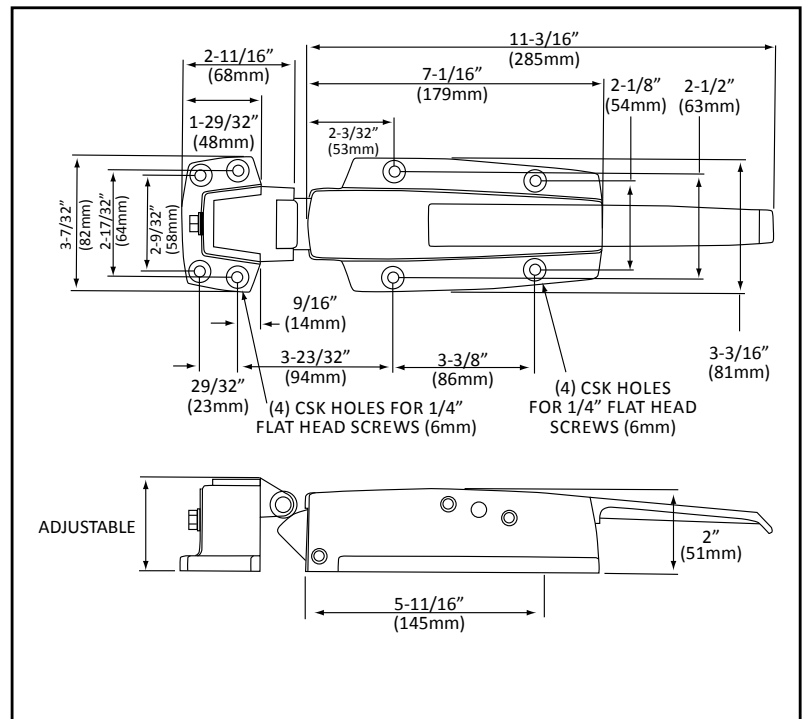
SOLID STAINLESS STEEL INVESTMENT CAST LATCHES



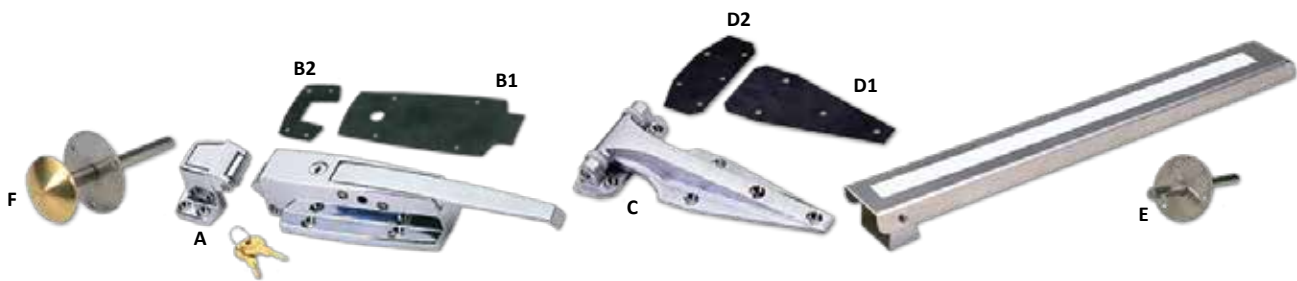
W99 SERIES INVESTMENT CAST SAFETY LATCHES

- The **only ALL Stainless latch** available in today's market
- Solid stainless steel construction throughout
- Ideal for highly corrosive and humid environments
- Ideal for marine applications, outside cold rooms and commercial refrigerated truck bodies
- Rugged heavy-duty lifetime construction
- Tamper-proof design
- Padlock feature on all latches for maximum security
- Cylinder lock model also available

MODEL NO.	DESCRIPTION
W99-3800-SS	Flush To 3/8" Offset
W99-3800-SS-C	Latch With Lock
W99-3815-SS	3/4" TO 1-5/8" Offset
W99-3815-SS-C	Latch With Lock
W99-3820-SS	1-5/8" To 2-1/2" Offset



HARDWARE DESIGNED SPECIFICALLY FOR OUTDOOR STRUCTURES



SPECIALTY HARDWARE FOR OUTDOOR APPLICATION

• IDEAL FOR HIGHLY CORROSIVE AND HUMID ENVIRONMENTS • IDEAL FOR MARINE APPLICATIONS, OUTSIDE COLD ROOMS AND COMMERCIAL REFRIGERATED TRUCK BODIES • RUGGED HEAVY-DUTY LIFETIME CONSTRUCTION • TAMPER-PROOF DESIGNS

REF.	MODEL NO.	DESCRIPTION
A	W38-1000-C	Latch And Strike
B1	W99-X305	Latch Handle Gasket
B2	W99-X306	Latch Strike Gasket
C	W99-2001	Hinge, Chrome Plated Brass, Flush w/Bronze Bushings
Not Shown	W99-2063	Hinge, Chrome Plated Brass, 5/8" Offset w/Bronze Bushings
D1	W99-X205	Hinge Gasket Flange
D2	W99-X206	Hinge Gasket Base
E	W28-1000	Panic Bar W/Inside Release
F	W28-2300-SSX	Stainless Steel Inside Release For 3" (76 mm) Door Thickness

ALSO AVAILABLE AS COMPLETE ASSEMBLIES:

W38-1000-C-GE	Walk-In Latch Kit Includes Flush Mount Polished Chrome Latch w/Cylinder Lock, Gasket Set & S/S Inside Release for 3" door thickness
W38-1600LSSGE	Walk-In Latch Kit Includes Flush Mount S/S Latch w/Cylinder Lock, Gasket Set & Inside Release
W38-6000-C-GE	Walk-In Latch Kit Includes Flush Mount Polished Chrome Latch w/Cylinder Lock, Gasket Set & Panic Bar Inside Release
W99-2001-GE	Hinge Kit Chrome Plated Brass, Flush Mount, Gaskets Included w/Bronze Bushings
W99-2063-GE	Hinge Kit Chrome Plated Brass, 5/8" Offset, Includes Gaskets w/Bronze Bushings

W38 SERIES HEAVY-DUTY WALK-IN DOOR SAFETY LATCHES

- Available in polished chrome or satin chrome finish
- Super heavy-duty construction and large body profile latch designed to withstand the most rigorous conditions
- Handle is solid forged brass, inner working parts and back plate are solid stainless steel for smooth and rust-free operation

W99 SERIES HEAVY-DUTY HINGE

- Available in chrome plated brass
- Available in flush or 5/8" (16mm) offset
- Heavy-duty construction to withstand rigorous conditions
- Models available with OILITE® bronze bushings for added strength & durability

W28 SERIES STAINLESS STEEL INSIDE RELEASE

W28-1000 PANIC BAR W/INSIDE RELEASE

- Sturdy aluminum construction
- Glow-in-the-dark reflective strip

W28-2300-SSX STAINLESS STEEL INSIDE RELEASE

- For 3" (76 mm) door thickness
- Additional sizes for varying door thicknesses available on application



WALK-IN DOOR HINGES



W60 SERIES LIFT-OFF HINGE WITH CAM RISE ACTION

LONG STRAP POLISHED CHROME FINISH

MODEL NO.	OFFSET
W60-1000	Flush
W60-1012	1/8" (3mm)
W60-1025	1/4" (6mm)
W60-1037	3/8" (10mm)
W60-1112	1-1/8" (29mm)
W60-1125	1-1/4" (32mm)
W60-1137	1-3/8" (35mm)
W60-1150	1-1/2" (38mm)
W60-1162	1-5/8" (41mm)
W60-1175	1-3/4" (45mm)
W60-1187	1-7/8" (48mm)
W60-1200	2" (51mm)

REPLACES STANDARD KEIL #2860
WITH COMPONENT HARDWARE QUALITY HARDWARE

LONG STRAP SATIN CHROME FINISH

W60-2000	Flush
W60-2025	1/4" (6mm)
W60-2112	1-1/8" (29mm)
W60-2137	1-3/8" (35mm)

SHORT STRAP POLISHED CHROME FINISH

W60-1000-S	Flush
W60-1012-S	1/8" (3mm)
W60-1025-S	1/4" (6mm)
W60-1037-S	3/8" (10mm)

COORDINATED STYLING

Design coordinated with clean, unobtrusive lines to aesthetically complement the **W19 AND W38 SERIES EASY ACTION SAFETY LATCH** or other contemporary breaker hardware, latches or pulls.

REVERSIBLE

Can be utilized for any right or left hand door application. Conversion is easily accomplished without tools.

UNIQUE CAM ACTION

Contains self-lubricating nylon and Delrin cam rise components to provide **GLIDE-ACTION** door operation. These components reduce door sweep gasket wear regardless of floor irregularity and provide constant overclose pressure against the door gasket assuring a positive seal. A **HOLD-OPEN** feature is built into the cam allowing the door to remain open at 140°. The door will automatically return to a closed position if opened less than 140°.

LIFT-OFF CAPABILITY

Doors can be removed quickly without tools or hinge disassembly. This allows for knockdown shipment and eliminates costly on-site installation and service time.

DURABLE

Constructed of die-cast Zamak with built-in structural reinforcing ribs for extraordinary strength and years of trouble-free operation.

ALL TYPE CONSTRUCTION

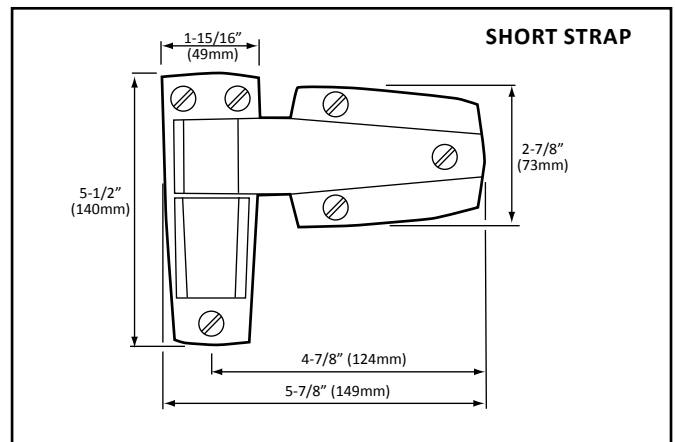
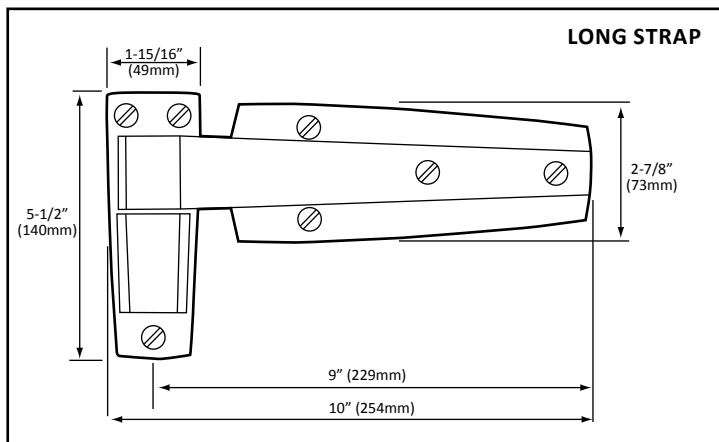
This series is designed to meet the universal requirements of all types of cooler construction especially foam.

UNIVERSAL MOUNTING HOLES

Allows REPLACEMENT* with all competitors models without redrilling or reinforcing.

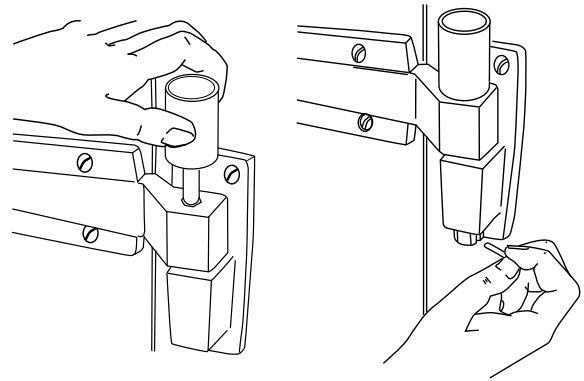
SPECIFICATIONS

OFFSET: Flush thru 2" (51mm)
FINISH: Polished Chrome or Satin Chrome Finish
MATERIAL: High pressure die cast Zamak
MOUNTING HOLES: Drilled and countersunk for #14 screws (6mm)



WALK-IN DOOR HINGES

EASY INSTALLATION



POWER SPRING CONVERSION CARTRIDGE KIT

MODEL NO. W62-0001 Polished Chrome Finish

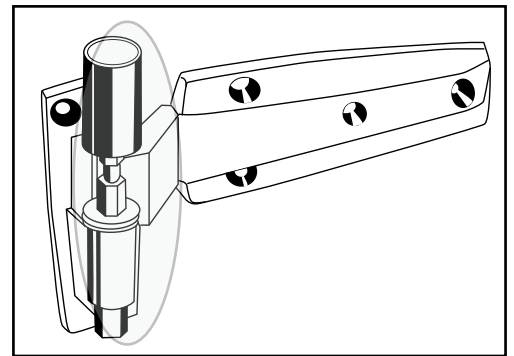
MODEL NO. W62-2001 Satin Chrome Finish

- ACCELERATES DOOR CLOSING
- INCREASES DOOR PRESSURE
- EASY INSTALLATION
- REDUCED INVENTORY

The energy saving power spring conversion cartridge is designed for easy installation into the W60 Series Lift-off Hinge. It provides increased door speed closure and maintains constant gasket pressure to eliminate refrigerated air loss. Unlike competitor's spring hinges, this optional cartridge kit can be simply added at any time to the W60 Series Lift-off Hinge eliminating costly inventories.

The cartridge kit contains a heavy duty chrome vanadium spring to assure years of trouble-free operation. The assembly may be used for either left or right hand doors, permitting reduced inventory for both hinges and conversion kits. When required, the cartridge may be easily disengaged for door removal.

Note: This conversion cartridge eliminates the lift-off capability of the W60 SERIES LIFT-OFF HINGE. REPLACES STANDARD-KEIL #2862 WITH COMPONENT HARDWARE QUALITY HARDWARE



HEAVY-DUTY CAM-RISE HINGE

MODEL NO. W77-1375 1-3/8" Offset

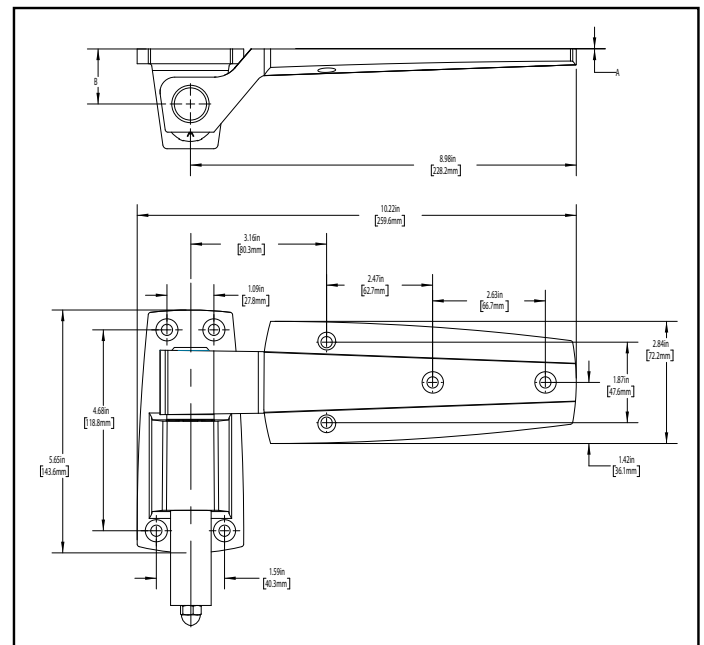
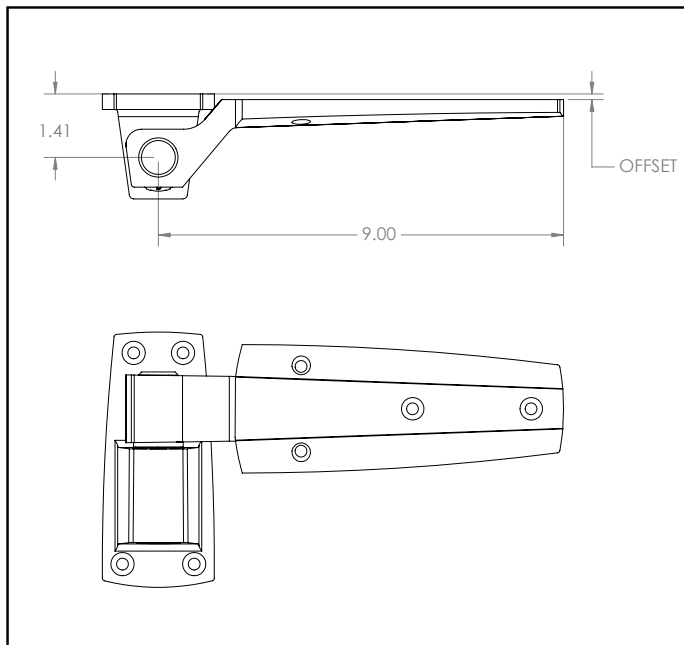
- For cold storage, supermarket and other heavy-duty walk-in applications
- Reversible for left or right-hand doors without disassembly
- Self-closing cam-rise action
- Heavy-duty zinc-plated steel strap with satin finish
- Black epoxy-coated die cast flange
- Drilled for 3/8" mounting hardware
- Other offsets available upon application



HEAVY DUTY WALK-IN DOOR HINGES



C



W61 SERIES - HINGE HEAVY DUTY WALK-IN COOLER/FREEZER

FLEXIBLE DESIGN

- Easily converted from left to right hand swing without tools
- Lift-off capability - doors can be removed quickly without tools or hinge disassembly
- Available in polished chrome or satin chrome finish
- Universal mounting holes allow replacement with all competitors' models without redrilling
- Styling coordinated with Component Hardware W30 Series door pulls

UNIQUE CAM ACTION

- Self-lubricating nylon and Delrin cam rise reduce door sweep gasket wear
- Provides constant overclose pressure against door gasket to ensure a positive seal
- Built-in hold open feature allows door to remain open at 140°
- Door automatically returns to a closed position if opened less than 140°

WITHOUT BUILT-IN SPRING		WITH BUILT-IN SPRING		A	B
MODEL NO. POLISHED CHROME	MODEL NO. SATIN CHROME	MODEL NO. POLISHED CHROME	MODEL NO. SATIN CHROME		
W61-1000	W61-2000	W61-3000	W61-4000	Flush	1.28" (32.5mm)
W61-1012	W61-2012	W61-3012	W61-4012	0.12" (3.1mm)	1.41" (35.8mm)
W61-1025	W61-2025	W61-3025	W61-4025	0.25" (6.4mm)	1.53" (38.9mm)
W61-1037	W61-2037	W61-3037	W61-4037	0.38" (9.7mm)	1.66" (42.2mm)
W61-1112	W61-2112	W61-3112	W61-4112	1.12" (28.5mm)	1.28" (32.5mm)
W61-1125	W61-2125	W61-3125	W61-4125	1.25" (31.8mm)	1.41" (35.8mm)
W61-1137	W61-2137	W61-3137	W61-4137	1.38" (35.1mm)	1.53" (38.9mm)
W61-1150	W61-2150	W61-3150	W61-4150	1.5" (38.1mm)	1.66" (42.2mm)
W61-1162	W61-2162	W61-3162	W61-4162	1.62" (41.2mm)	1.28" (32.5mm)
W61-1175	W61-2175	W61-3175	W61-4175	1.75" (44.5mm)	1.41" (35.8mm)
W61-1187	W61-2187	W61-3187	W61-4187	1.87" (47.5mm)	1.53" (38.9mm)
W61-1200	W61-2200	W61-3200	W61-4200	2.0" (51mm)	1.66" (42.2mm)



CUSTOM SOLUTIONS

C77

HEAVY DUTY NON-ADJUSTABLE WALK-IN DOOR HINGES



Patent D725,989 S

FLEXIBLE DESIGN

- Spring assist feature provides additional closing force for use on heavier doors
- Easily converted from left to right hand swing without tools
- Lift-off capability - doors can be removed quickly without tools or hinge disassembly
- Available in Polished Chrome or Satin Chrome finish or black covers
- Removable hinge cover conceals mounting holes for clean appearance
- Hinge covers may be personalized with custom colors, logos, etc. for a distinctive look
- Universal mounting holes allow replacement with all competitors' models without redrilling
- Styling coordinated with Component Hardware W30 Series door pulls

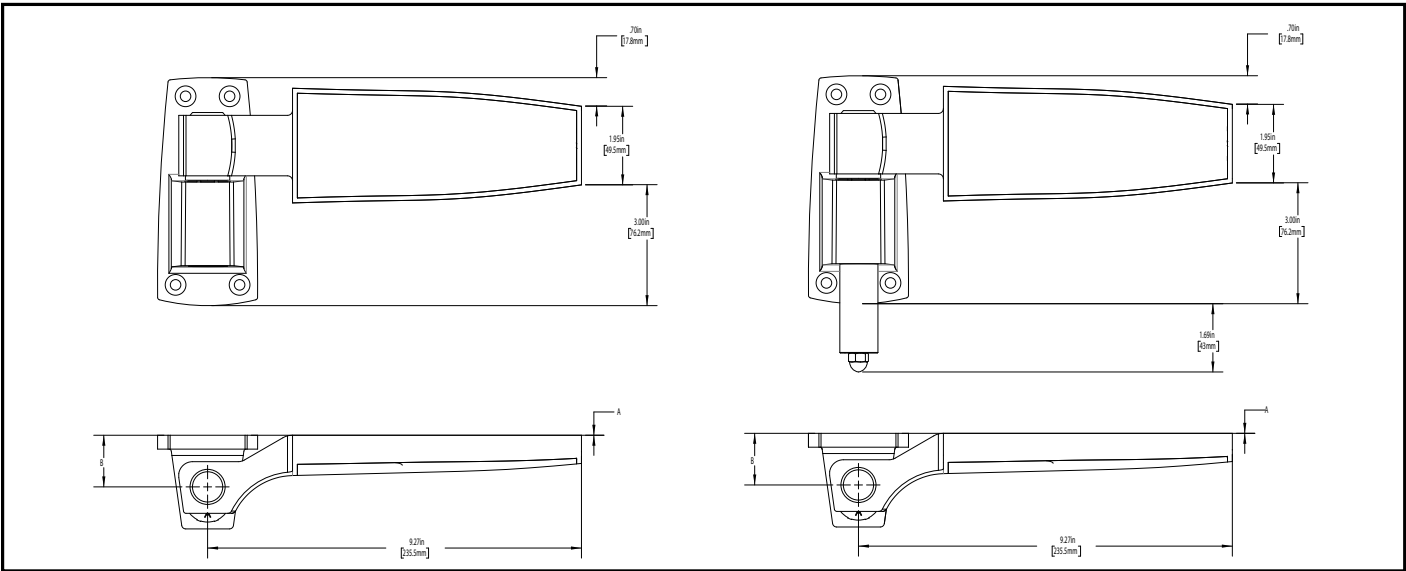
UNIQUE CAM ACTION

- Self-lubricating nylon and Delrin cam rise reduce door sweep gasket wear
- Provides constant overclose pressure against door gasket to ensure a positive seal
- Built-in hold open feature allows door to remain open at 140°
- Door automatically returns to a closed position if opened less than 140°

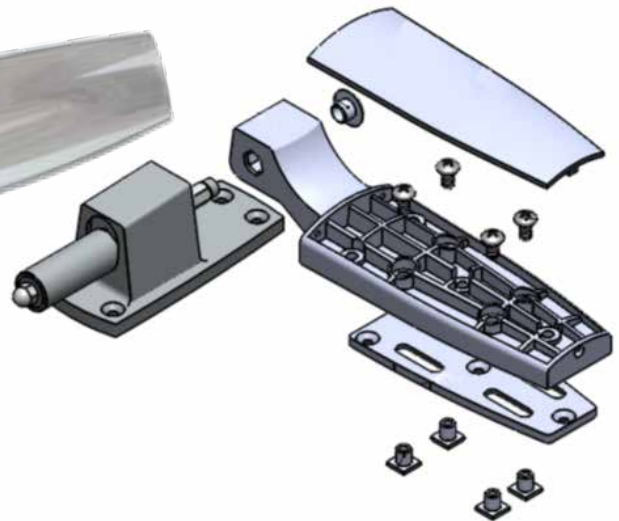
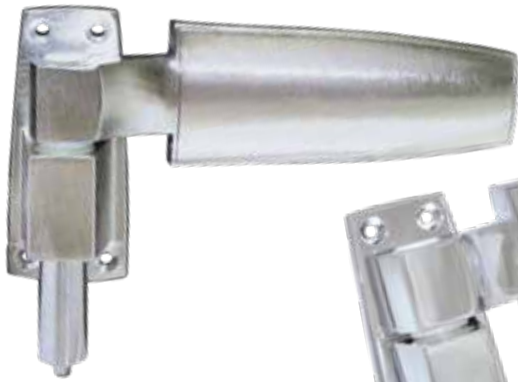
W58 SERIES - NON-ADJUSTABLE HINGE HEAVY DUTY WALK-IN COOLER/FREEZER

WITHOUT SPRING		WITH SPRING		A	B
MODEL NO. POLISHED CHROME	MODEL NO. SATIN CHROME	MODEL NO. POLISHED CHROME	MODEL NO. SATIN CHROME		
W58-1000	W58-2000	W58-3000	W58-4000	Flush	1.28" (32.5mm)
W58-1012	W58-2012	W58-3012	W58-4012	0.12" (3.1mm)	1.41" (35.8mm)
W58-1025	W58-2025	W58-3025	W58-4025	0.25" (6.4mm)	1.53" (38.9mm)
W58-1037	W58-2037	W58-3037	W58-4037	0.38" (9.7mm)	1.66" (42.2mm)
W58-1112	W58-2112	W58-3112	W58-4112	1.12" (28.5mm)	1.28" (32.5mm)
W58-1125	W58-2125	W58-3125	W58-4125	1.25" (31.8mm)	1.41" (35.8mm)
W58-1137	W58-2137	W58-3137	W58-4137	1.38" (35.1mm)	1.53" (38.9mm)
W58-1150	W58-2150	W58-3150	W58-4150	1.5" (38.1mm)	1.66" (42.2mm)
W58-1162	W58-2162	W58-3162	W58-4162	1.62" (41.2mm)	1.28" (32.5mm)
W58-1175	W58-2175	W58-3175	W58-4175	1.75" (44.5mm)	1.41" (35.8mm)
W58-1187	W58-2187	W58-3187	W58-4187	1.87" (47.5mm)	1.53" (38.9mm)
W58-1200	W58-2200	W58-3200	W58-4200	2.0" (51mm)	1.66" (42.2mm)

Note: Standard hinge cover matches hinge. For black plastic cover, add "-CBLK" to model number.



HEAVY DUTY ADJUSTABLE WALK-IN DOOR HINGES



C

FLEXIBLE DESIGN

- Spring assist feature provides additional closing force for use on heavier doors
- Easily converted from left to right hand swing without tools
- Lift-off capability - doors can be removed quickly without tools or hinge disassembly
- Unique internal adjusting bracket facilitates quick and easy in-place adjustment for door sag
- Available in Polished Chrome or Satin Chrome finish or black covers
- Removable hinge cover conceals mounting holes for clean appearance
- Hinge covers may be personalized with custom colors, logos, etc. for a distinctive look
- Universal mounting holes allow replacement with all competitors' models without redrilling
- Styling coordinated with Component Hardware W30 Series door pulls

Patent 9,644,411 B2
Patent D725,989 S

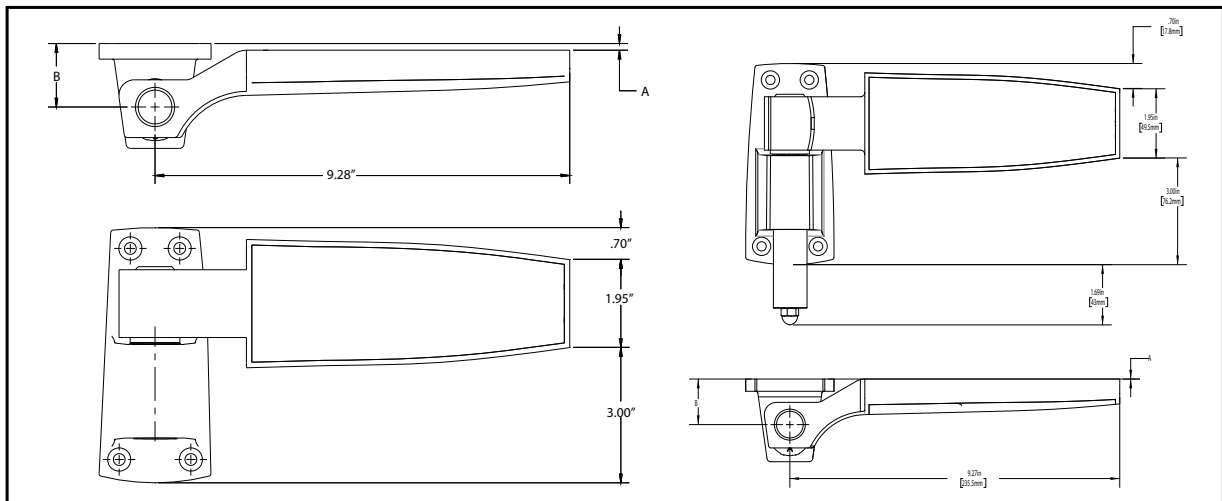
W59 SERIES - ADJUSTABLE HINGE HEAVY DUTY WALK-IN COOLER/FREEZER

WITHOUT SPRING		WITH SPRING		A	B
MODEL NO. POLISHED CHROME	MODEL NO. SATIN CHROME	MODEL NO. POLISHED CHROME	MODEL NO. SATIN CHROME		
W59-1000	W59-2000	W59-3000	W59-4000	FLUSH	1.28" (32.5mm)
W59-1012	W59-2012	W59-3012	W59-4012	0.12" (3.1mm)	1.41" (35.8mm)
W59-1025	W59-2025	W59-3025	W59-4025	0.25" (6.4mm)	1.53" (38.9mm)
W59-1037	W59-2037	W59-3037	W59-4037	0.38" (9.7mm)	1.66" (42.2mm)
W59-1112	W59-2112	W59-3112	W59-4112	1.12" (28.5mm)	1.28" (32.5mm)
W59-1125	W59-2125	W59-3125	W59-4125	1.25" (31.8mm)	1.41" (35.8mm)
W59-1137	W59-2137	W59-3137	W59-4137	1.38" (35.1mm)	1.53" (38.9mm)
W59-1150	W59-2150	W59-3150	W59-4150	1.5" (38.1mm)	1.66" (42.2mm)
W59-1162	W59-2162	W59-3162	W59-4162	1.62" (41.2mm)	1.28" (32.5mm)
W59-1175	W59-2175	W59-3175	W59-4175	1.75" (44.5mm)	1.41" (35.8mm)
W59-1187	W59-2187	W59-3187	W59-4187	1.87" (47.5mm)	1.53" (38.9mm)
W59-1200	W59-2200	W59-3200	W59-4200	2.0" (51mm)	1.66" (42.2mm)

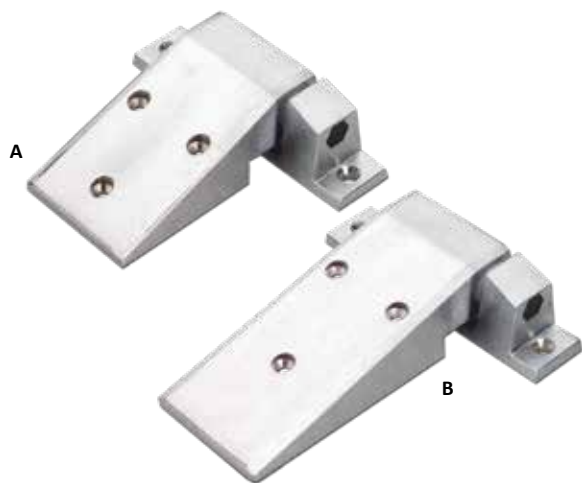
Note: Standard hinge cover matches hinge. For black plastic cover, add "-CBLK" to model number.

UNIQUE CAM ACTION

- Self-lubricating nylon and Delrin cam rise reduce door sweep gasket wear
- Provides constant overclose pressure against door gasket to ensure a positive seal
- Built-in hold open feature allows door to remain open at 140°
- Door automatically returns to a closed position if opened less than 140°



DOOR HINGE & CLOSERS FOR WALK-IN REFRIGERATORS AND FREEZERS

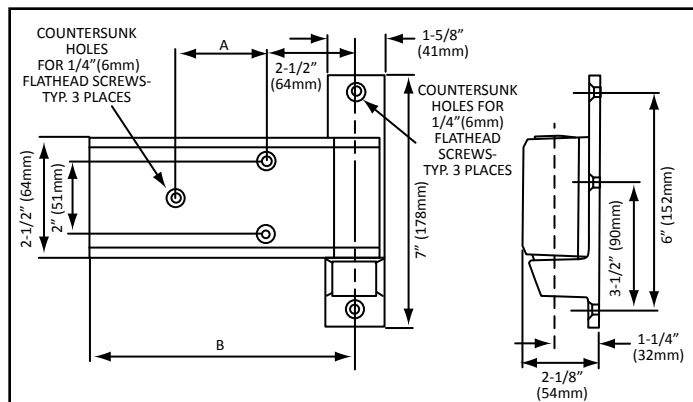


REVERSIBLE SELF-CLOSING HINGE WITH CAM-RISE CONSTRUCTION

- Contemporary design and heavy precision die-cast construction provides durable, dependable service
- Self-closing, self-lubricating, self-rising cam provides smooth quiet closing action
- Lift-off and reversible non-handed cam design allows for easy field installation
- Special cam design feature provides a hold open dwell at 100° opening to facilitate loading and unloading of cooler
- Available in both long and short strap models
- Special satin chrome finish offers years of clean, trouble-free use while matching related hardware and cooler door coverings
- Polished chrome finish available
- Optional spring assist cartridge assembly available for accelerated and positive door closing

REF.	MODEL NO.	A	B	FINISH
A	W55-1000 Short Flange Assembly, Flush Offset	1-15/16" (49mm)	5-5/16" (135mm)	Satin Chrome
	W56-1000 Long Flange Assembly, Flush Offset	2-1/2" (64mm)	7-5/16" (186mm)	Satin Chrome

MODEL NO. W55-0001 OPTIONAL POWER SPRING KIT
FOR USE WITH W55/56 HINGES



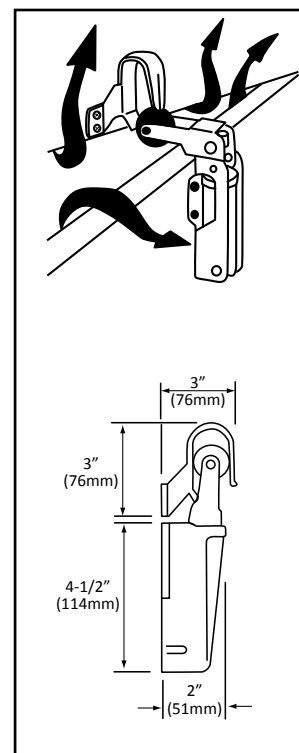
HYDRAULIC DOOR CLOSER FOR WALK-IN REFRIGERATORS AND FREEZERS

- RUGGED CONSTRUCTION
- DEPENDABLE ACTION
- CONTEMPORARY DESIGN
- ECONOMICAL
- Overcomes difficulties experienced in closing a refrigerator or freezer door against the air that compresses inside
- Actually pulls refrigerator or freezer door closed while allowing the compressed air in the unit to slowly escape, then holds door firmly closed to eliminate loss of refrigerated air
- Where severe temperature and pressure conditions combine to force doors open, responds to the released pressure and immediately recloses the door
- Universal mounting holes, permit easy REPLACEMENT* of competitive models, complete with white snap-on dust cover.

MODEL NO. R55-1010 FOR FLUSH DOORS

MODEL NO. R55-1020 FOR 1-1/8" (29mm) OFFSET DOORS

REPLACES STANDARD-KEIL #2882 WITH
COMPONENT HARDWARE
QUALITY HARDWARE



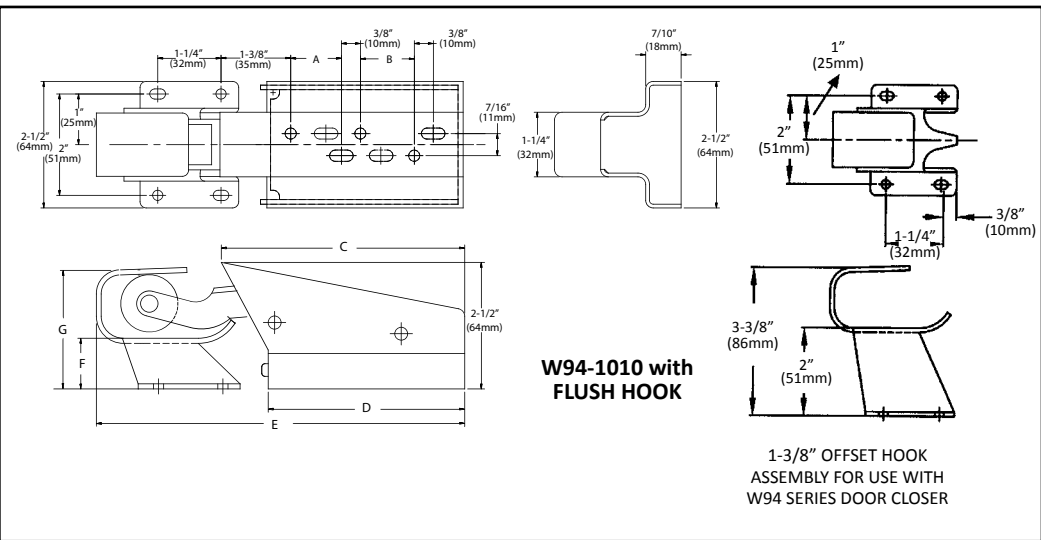
DOOR CLOSERS FOR WALK-IN REFRIGERATORS AND FREEZERS



HEAVY-DUTY HYDRAULIC SNUGGER™

- Snugger's powerful gas-loaded hydraulic cylinder provides positive, smooth door closure
 - Unique cover design provides for easy installation and concealed mounting
- Cushioned rubber roller and unique spring design offers smooth, quiet, trouble-free operation
 - Available in popular flush and 1-1/8" offsets
- Interchangeability - unique concealed mounting hole pattern allows Snugger to easily replace all existing models in the field
 - Mounting template provided

MODEL NO. W94-1010 – Flush Offset, Stainless Steel
MODEL NO. W94-1020 – 1-1/8" (29mm) Offset, Stainless Steel
MODEL NO. W94-2010 – Flush Offset, Chrome Plated Steel
MODEL NO. W94-2020 – 1-1/8" (29mm) Offset, Chrome Plated Steel



W94-1010/W94-2010

REF.	DESCRIPTION
A	1" (25mm)
B	2-7/16" (62mm)
C	7-7/16" (189mm)
D	6-1/2" (165mm)
E	9-15/16" (252mm)
F	1" (25mm)
G	2-3/8" (60mm)



DOOR CLOSERS FOR WALK-IN REFRIGERATORS AND FREEZERS



HEAVY-DUTY SPRING ACTION CLOSE-MASTER™

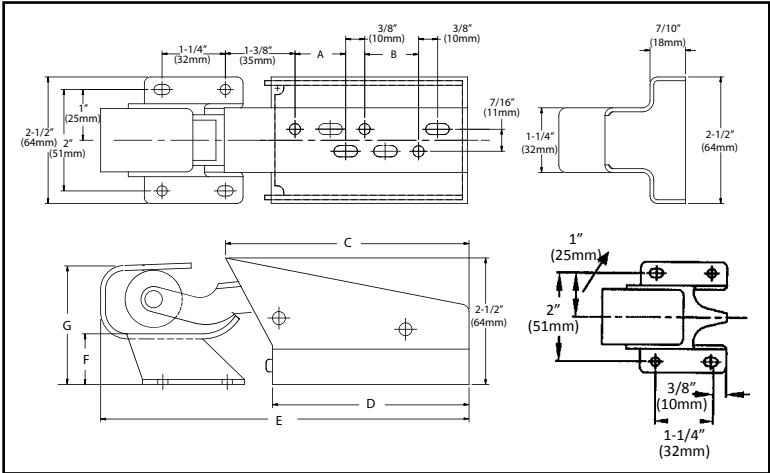
- Close-Master spring action permits fast door closure and positive gasket seal, reducing energy costs
 - Concealed Mounting offers clean, tamperproof appearance
 - Unique cover design provides for easy installation and concealed mounting
- Cushioned rubber roller and unique spring design offers smooth, quiet, trouble-free operation
 - Available in popular flush, 1-1/8" and 1-3/8" offsets
- Interchangeability unique concealed mounting hole pattern allows Close-Master to easily replace all existing models in the field
 - Re-designed back plate permits easier adjustment during installation and prevents roller arm from hitting top of door
 - Mounting template provided

STAINLESS STEEL

MODEL NO. W95-1010 – Flush Offset
MODEL NO. W95-1020 – 1-1/8" (29mm) Offset
MODEL NO. W95-1030 – 1-3/8" (35mm) Offset

CHROME PLATED STEEL

MODEL NO. W95-2010 – Flush Offset
MODEL NO. W95-2020 – 1-1/8" (29mm) Offset
MODEL NO. W95-2030 – 1-3/8" (35mm) Offset



REF.	FLUSH	1-1/8	1-3/8
A	1" (25mm)	1" (25mm)	1" (25mm)
B	1-1/16" (27mm)	1-1/16" (27mm)	1-1/16" (27mm)
C	4-13/16" (122mm)	4-13/16" (122mm)	4-13/16" (122mm)
D	3-7/8" (98mm)	3-7/8" (98mm)	3-7/8" (98mm)
E	7-1/4" (184mm)	7-1/4" (184mm)	7-1/4" (184mm)
F	1" (25mm)	2" (51mm)	2-1/4" (57mm)
G	2-3/8" (60mm)	3-3/8" (86mm)	3-5/8" (93mm)



PRESSURE RELIEF PORT AND THERMOMETERS

W88 SERIES VENT PORT FOR WALK-IN REFRIGERATORS AND FREEZERS

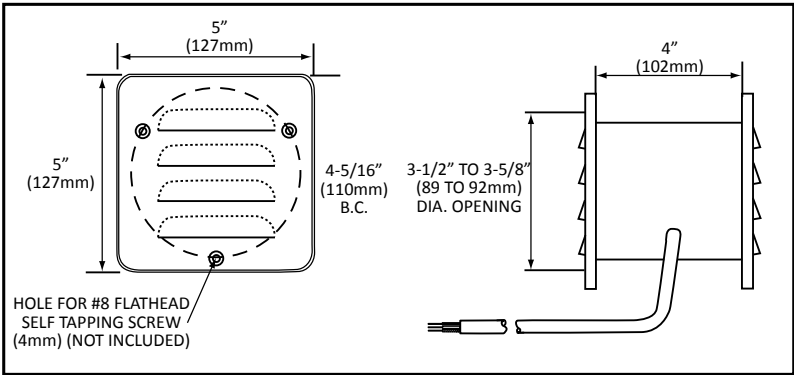
- Heated vents prevent freeze-ups and reduce cooler condensation
- Two way valve unit allows air flow in dual directions, compensates for expansion and contraction during refrigeration cycles
- Supplied in 120V or 220V Models



SPECIFICATIONS

MATERIAL: All Aluminum
INTERNAL SLEEVE: Lexan, Self-extinguishing
FINISH: Textured Aluminum
ELECTRICAL REQUIREMENTS: 120V or 220V Specify voltage requirements
4" (102mm) standard size wall thickness

When ordering specify other wall thickness. Drilled for No. 8 (4mm) screws



PRESSURE RELIEF PORT

MODEL NO.	VOLTAGE	APPLICATION
W88-1010	120V/23 Watts with Heater	Freezer
W88-1012	220V/23 Watts with Heater	Freezer
W88-2010	Non-Heated	Cooler

REFRIGERATOR / FREEZER THERMOMETERS

Technical drawing showing the front and side views of the Economical Refrigerator / Freezer Thermometer, Model No. T90-330. The front view shows a vertical glass tube with a dual scale temperature range from -40° to 120°F (-40° to 50°C). The side view shows the mounting bracket with dimensions: 4.38" (111mm) for the main body, 3.66" (93mm) for the base, and .75" (19mm) for the top. The mounting bracket has a .50" (13mm) wide top section and a .42" (11mm) wide bottom section. A note indicates "THIS END ROTATES".

**ECONOMICAL
REFRIGERATOR / FREEZER THERMOMETER
MODEL NO. T90-330**

- DUAL SCALE TEMPERATURE RANGE -40° TO 120°F (-40° TO 50°C)
- NON-TOXIC SOLUTION IN COMPLETELY SEALED GLASS TUBE
- HANGS FROM SHELF OR FASTENS PERMANENTLY
- UNIQUE 360° SWIVEL MOUNTING BRACKET

Technical drawing showing the front and side views of the Flush Front Recessed Mount Thermometer, Model No. T90-6142. The front view shows a circular dial with a dual scale temperature range from -40° to 65°F (-40° to 20°C). The side view shows the mounting flange with dimensions: 2-5/8" DIA. (66mm) for the outer ring, 2-1/4" DIA. (57mm) for the inner ring, 2-2/25" DIA. (53mm) for the base, 3/16" (5mm) for the flange thickness, and 1-1/16" (27mm) for the base diameter. A note indicates "THIS END ROTATES".

**FLUSH FRONT RECESSED MOUNT
THERMOMETER
MODEL NO. T90-6142**

- DUAL SCALE TEMPERATURE RANGE -40° TO 65°F (-40° TO 20°C)
- STAINLESS STEEL HOUSING
- ACCURACY + 2% • 2" DIAL - 3" FLANGE
- RECALIBRATEABLE • 48" CAPILLARY



FIP PANEL FASTENERS

FOAMED-IN-PLACE PANEL FASTENERS

Component Hardware® brand Foamed-In-Place (FIP) Panel Fasteners are ideal for use in high volume fabrication operations when consistency and outstanding performance are your driving concerns. This fastening system provides a fool-proof method for accurately positioning, inserting and anchoring the fasteners into your insulated panels, that will save you both time and money.

HOW FIP FASTENERS WORK

Simply affix our dedicated panel fastener adapters to your existing foaming jigs to create a permanent anchor point that insures your fasteners are securely and precisely positioned in every foamed panel. The unique design of these adapters guarantees that the locking points and strikes cannot be installed upside down or on the wrong side of the jig, resulting in reduced scrap and production times. In addition, we manufacture these adapters from hardened steel for durability and extended service life.

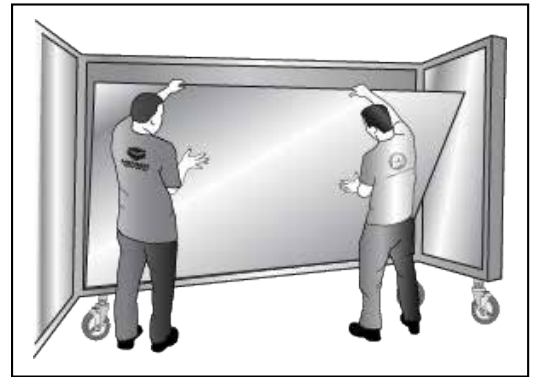
Attaching FIP panel fasteners to your foaming jig is as simple as snapping the locking points and strikes on to their respective adapters, closing the jig and foaming your panels. All of our FIP fasteners are designed with specially placed holes in the housing to permit foam to completely fill around the fastener for superior pull-out strength and better insulating properties.

THE COMPONENT HARDWARE® DIFFERENCE

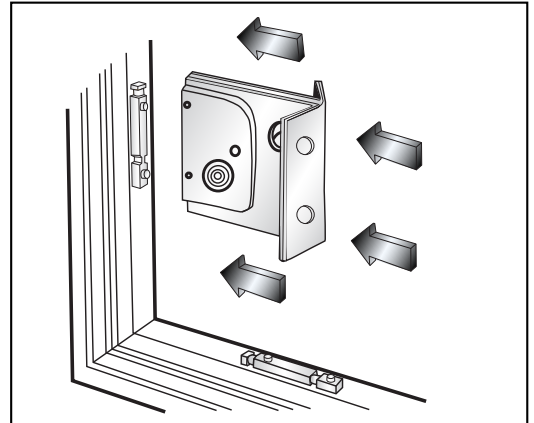
Component Hardware® Refrigeration Hardware is known for innovative design, exceptional value and unsurpassed quality. Our products are manufactured to our exacting standards to insure they can withstand the rigorous demands required in commercial refrigeration applications.

We know that panel fasteners are the “glue” that holds your walk-in cooler/freezer together. If they do not function properly, it can result in increased energy consumption or failure of the structural integrity of the entire unit. That's why all of our panel fasteners undergo rigorous quality inspections to insure our customers of the durability and reliability they have come to know and trust from the Component Hardware® brand.

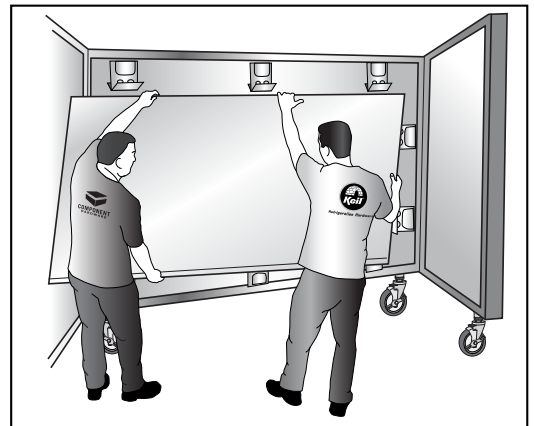
The next time you are building or specifying a walk-in cooler, freezer or environmental enclosure, be sure that it is made using authentic Component Hardware® brand refrigeration hardware for trouble-free performance and peace of mind.



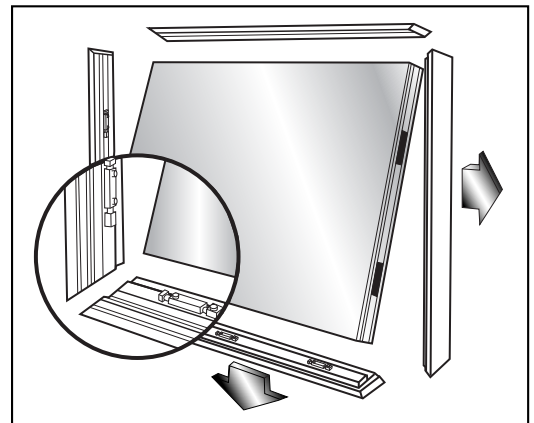
1. Insert outer skin of the panel into the mold.



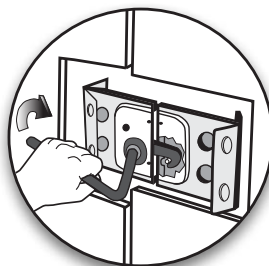
2. Snap fastener (locking point or strike) onto its unique Component Hardware adapter.



3. Insert inner skin into the mold fixture. Close mold and inject foam.



4. After curing, open the mold and retract edge rails. Remove completed panel with fasteners securely in place. Lock panels using Component Hardware Model No. W27-0001-C wrench.



Use Model No. W27-0001-C hexagonal wrench for easy locking of all Component Hardware panel fasteners.



FIP PANEL FASTENERS



W27 SERIES COMPACT FOAMED-IN-PLACE

MODEL NO. W27-7300 LOCKING HOOK

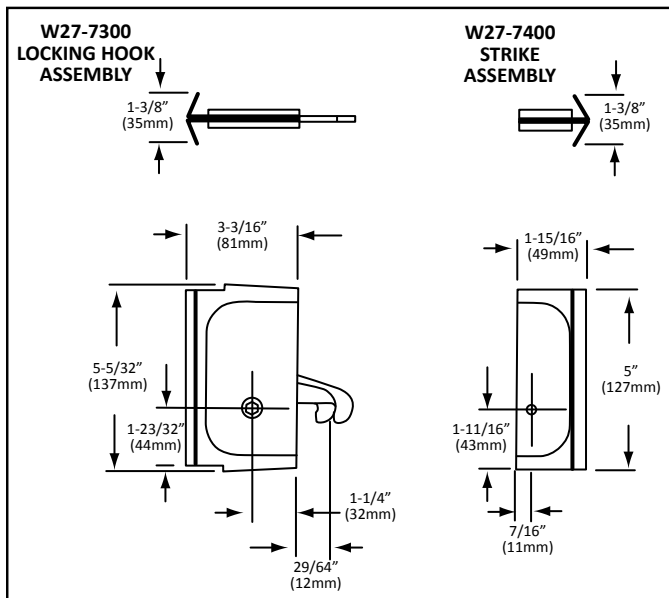
- Friction drive allows hook to slice through foam, locates the female locking pin in mating panel and tightens, providing a positive panel seal
- Zinc plated construction eliminates corrosion concerns and improves mastic adhesion
- Compact construction, superior strength, heavy gauge
 - Permits interchangeability of panels

JIG ADAPTER MODEL NO. W27-1173H

MODEL NO. W27-7400 STRIKE

- Interchangeable for use on existing foaming jigs and adapters
 - Special guide ribs are built in the female housing which direct the hook to an on-center position
 - Offers reliable repeat service and performance
- Large diameter foam holes ensure positive foam integrity

JIG ADAPTER MODEL NO. W27-8804



W27 SERIES FOAMED-IN-PLACE, DUAL ACCESS DESIGN

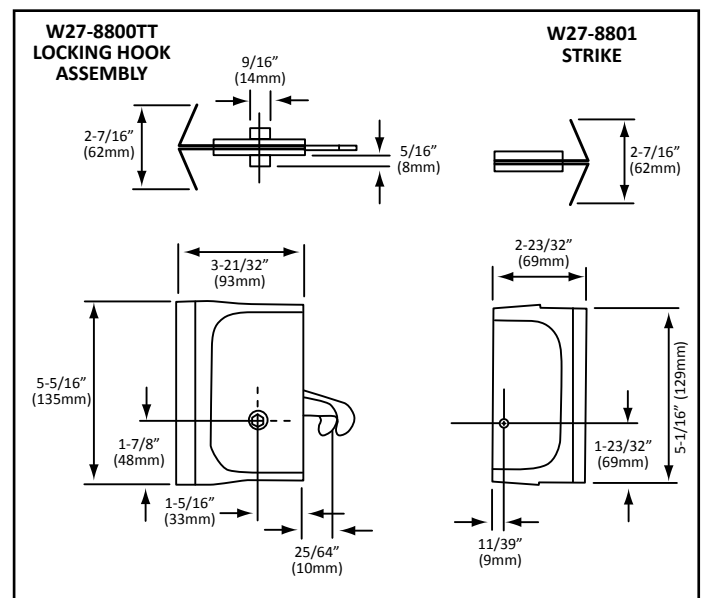
MODEL NO. W27-8800TT-SP & W27-8800TT-SS TWIN TUNNEL LOCKING HOOK

MODEL NO. W27-8801-SP & W27-8801-SS STRIKE

- Unique Twin Tunnel design provides access to either panel side
 - Provides a positive panel seal
- Interchangeable-for use on existing foaming jigs and adapters
- Friction drive allows hook to slice through foam, locates the female locking pin in mating panel and tightens
 - Heavy gauge, superior strength and economical
- Zinc plated construction eliminates corrosion concerns and improves mastic adhesion
- Standard flush and extended "Twin-Tunnel" cams available
 - Plastic tunnel cap included at no extra charge
 - Wide fastener wings enhance pull-out strength
- Large diameter foam flow holes ensure positive foam integrity

JIG ADAPTER FOR HOOK: MODEL NO. W27-8803

JIG ADAPTER FOR PIN: MODEL NO. W27-8804



PANEL FASTENER JIG ADAPTERS

- For foam-in-place applications • Readily replaces* all competitor's adapters having same mounting holes with Component Hardware Quality Hardware • Hardened Steel and Electroplated • Adapters available for ALL Component Hardware Foamed-in-Place Fasteners • Competitive pricing

REF.	MODEL NO.	FITS PANEL FASTENER MODELS
A	W27-1173H	W27-7300, 1168BP & 1169BP
B	W27-8803	W27-8800TT & 1188BP
C	W27-8804	W27-8801, W27-7400 & 1188P



CUSTOM SOLUTIONS

SLAB FOAM PANEL FASTENERS

SLAB FOAM PANEL FASTENERS

HOW TO BUILD INSULATED PANELS WITHOUT COSTLY TOOLING

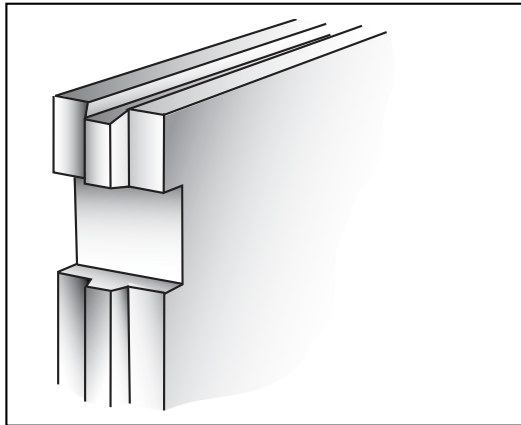
Slab Foam Panel Fasteners are ideal for fabricators looking for a low cost method of constructing light weight insulated panels using Styrene, Styrofoam or urethane sheet stock. These plastic block fasteners are available for 2", 4" & 6" wide panels to accommodate applications including environmental enclosures, walk-in coolers and walk-in freezers.

THE COMPONENT HARDWARE® DIFFERENCE

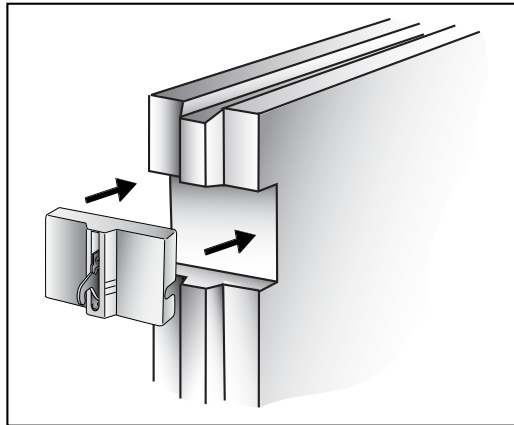
Component Hardware® Refrigeration Hardware is known for innovative design, exceptional value and unsurpassed quality. Our products are manufactured to our exacting standards to insure they can withstand the rigorous demands required in commercial refrigeration applications.

We know that panel fasteners are the "glue" that holds your walk-in cooler/freezer together. If they do not function properly, it can result in increased energy consumption or failure of the structural integrity of the entire unit. That's why all of our panel fasteners undergo rigorous quality inspections to insure our customers of the durability and reliability they have come to know and trust from the Component Hardware® brand.

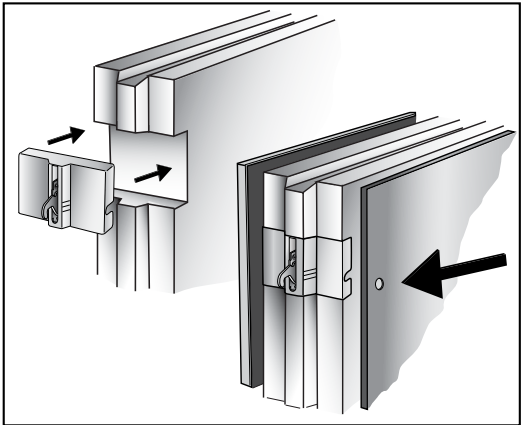
The next time you are building or specifying a walk-in cooler, freezer or environmental enclosure, be sure that it is made using authentic Component Hardware® brand refrigeration hardware for trouble-free performance and peace of mind.



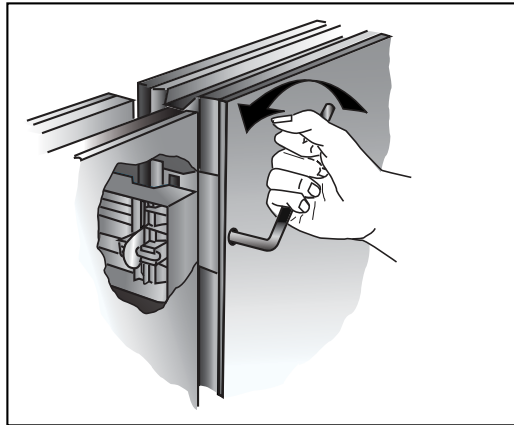
1. Cut insulating material to size. Shape tongue and groove surfaces. Notch panel for fastener.



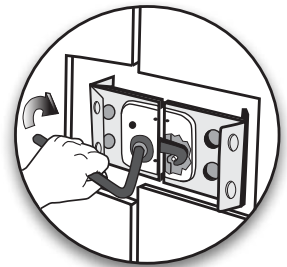
2. Insert plastic housing, either locking point or strike, as needed.



3. Apply adhesive to metal skins. Laminate foam between two skins and apply pressure for bonding. (Return bend on metal helps to hold fastener in place.)



4. After curing, panels are ready for assembly. Completed panels are easily locked in position at assembly site using the Component Hardware W27-0001-C.

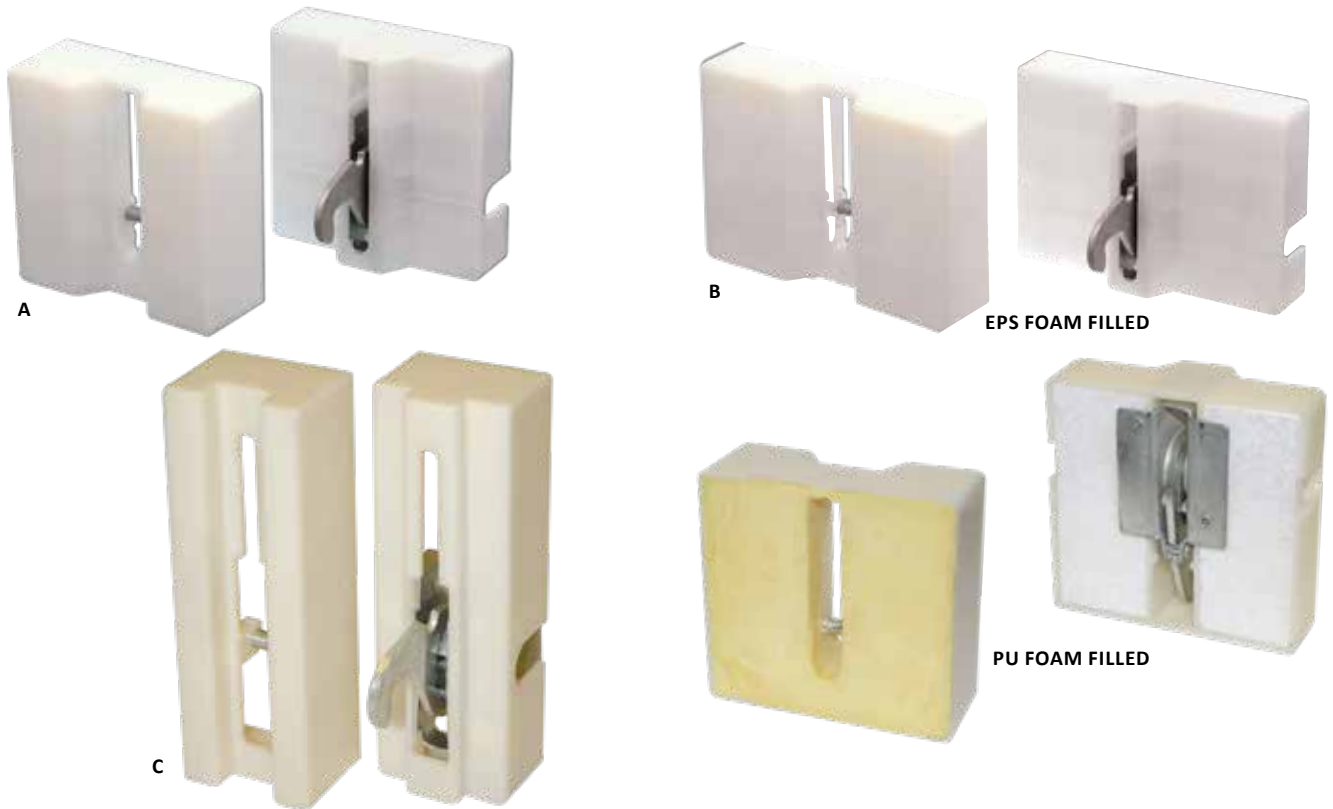


Use Model No. W27-0001-C hexagonal wrench for easy locking of all Component Hardware panel fasteners.



SLAB FOAM PANEL FASTENERS

W27 SERIES SLAB FOAM ABS BLOCK



REF. A

SLAB FOAM ABS BLOCK PANEL FASTENERS

MODEL NO. W27-5204

For Gasketed 4" (102mm) Panels

REF. B

SLAB FOAM ABS BLOCK PANEL FASTENERS with FOAM INSULATED BACKING

MODEL NO. W27-5304

For Gasketed 4" (102mm) Panels
EPS Foam Filled

MODEL NO. W27-5306

For Gasketed 6" (152mm) Panels
PU Foam Filled

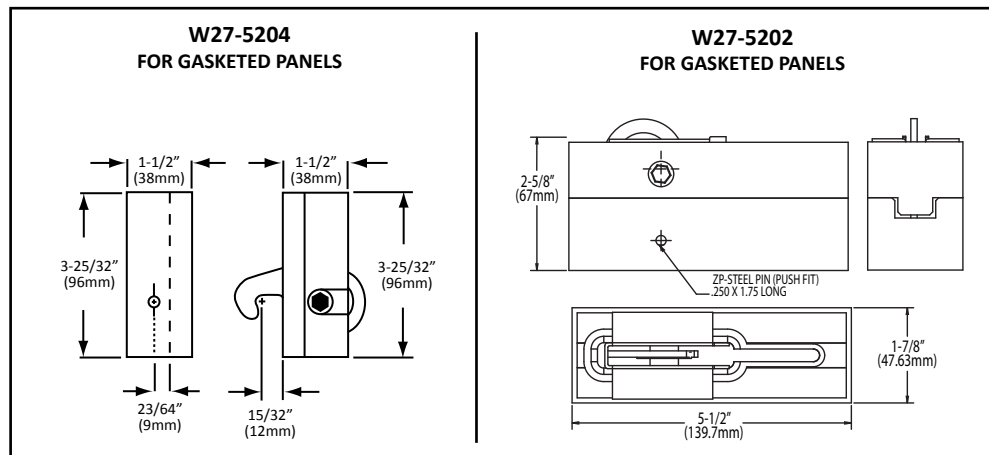
REF. C

SLAB FOAM ABS BLOCK PANEL FASTENERS

MODEL NO. W27-5202

For Gasketed 2" (51mm) Panels

- Unbreakable ABS housing, zinc plated heavy gauge steel hook and pin
- Permanently attached hook and strike insures integrity and can be activated time and time again
- For use with 2" (51mm), 4" (102mm) and 6" (152mm) panels
- Economical



RIGID RAIL PANEL FASTENERS

RIGID RAIL PANEL FASTENERS

DESIGNED ESPECIALLY FOR WOOD, HIGH DENSITY FOAM OR METAL FRAME RAILS

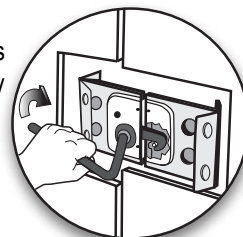
This series of Component Hardware® brand panel fasteners is designed for use with wood, high density foam or metal frame rail insulated panels. This economical method of producing pre-fabricated insulated panels permits the manufacturer to build panel sections of virtually any size or shape. We offer a wide array of rigid rail locking points, strikes and pins, which may be combined to accommodate a broad range of panel thicknesses, joint types and rail materials.

THE COMPONENT HARDWARE® DIFFERENCE

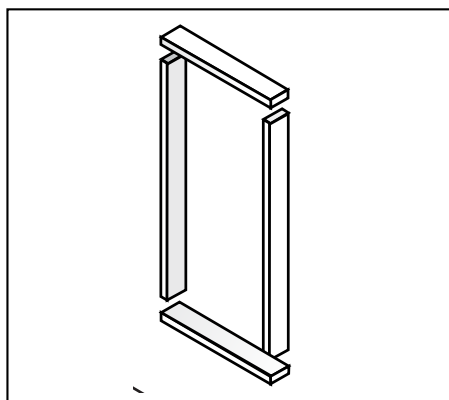
Component Hardware® Refrigeration Hardware is known for innovative design, exceptional value and unsurpassed quality. Our products are manufactured to our exacting standards to insure they can withstand the rigorous demands required in commercial refrigeration applications.

We know that panel fasteners are the “glue” that holds your walk-in cooler/freezer together. If they do not function properly, it can result in increased energy consumption or failure of the structural integrity of the entire unit. That's why all of our panel fasteners undergo rigorous quality inspections to insure our customers of the durability and reliability they have come to know and trust from the Component Hardware® brand.

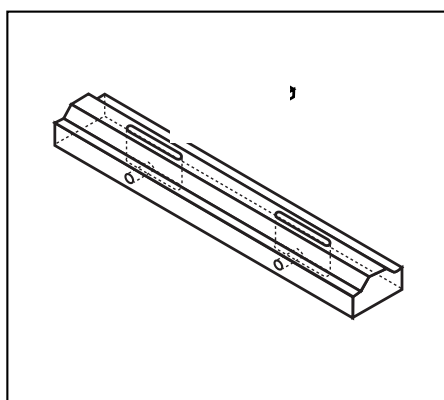
The next time you are building or specifying a walk-in cooler, freezer or environmental enclosure, be sure that it is made using authentic Component Hardware® brand refrigeration hardware for trouble-free performance and peace of mind.



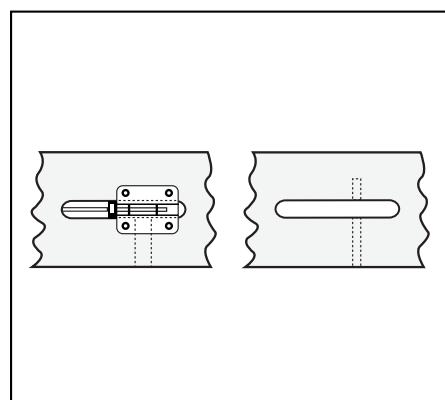
Use Model No. W27-0001-C
hexagonal wrench for easy locking
of all Component Hardware panel fasteners.



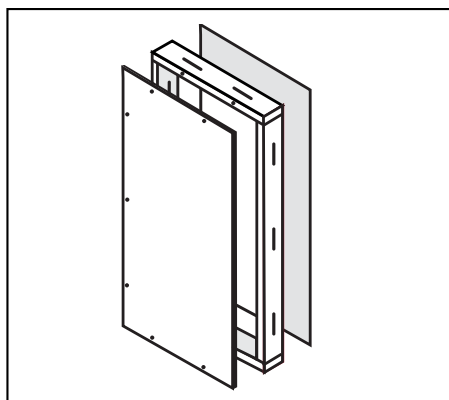
1. Cut frame material to form panel perimeter.



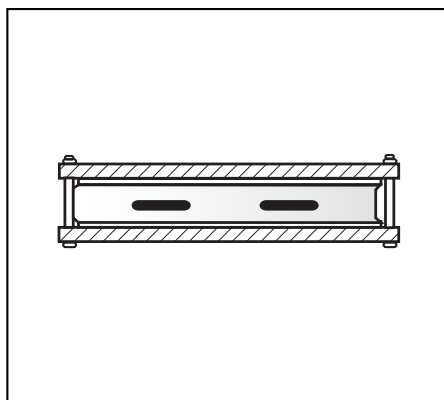
2. Determine locations for fasteners and mortise, dado, or rout slots. Drill wrench holes.
(If using W27-5501/5502, drill pin holes.)



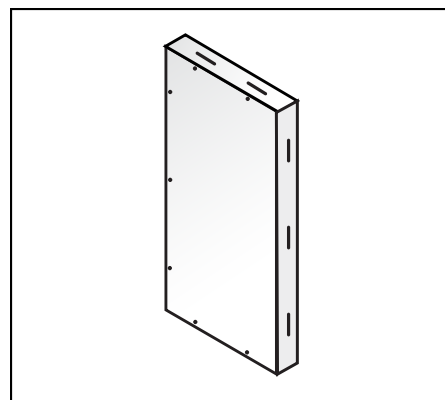
3a. Place fastener in slot and nail or staple in place.
3b. If using W27-5501/5502 pin, insert in drilled pin holes.
(Taping of back may be required when foaming.)



4. Assemble frame with panel skins.



5. Clamp panel in restraining fixture and inject foam.



6. The finished panels are ready for fast, easy joining using W27-0001-C wrench.



RIGID RAIL PANEL FASTENERS



W27 SERIES WOOD FRAME AND METAL FRAME

MODEL NO. W27-5600A & W27-5600B LOCKING HOOK

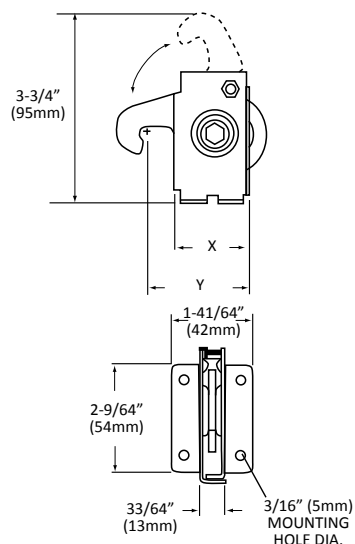
MODEL NO.	X	Y
W27-5600A	1-7/16" (37mm)	1-31/32" (50mm)
W27-5600B	1-7/16" (37mm)	2-11/32" (60mm)

- Zinc plated
- Ideal for wood, high density rail or metal frame construction
- Stamped holes provided for easy mounting with staple, screw or nails
 - Heavy-duty steel housing
- Assorted offset strike assemblies or strike pins available
 - Economical

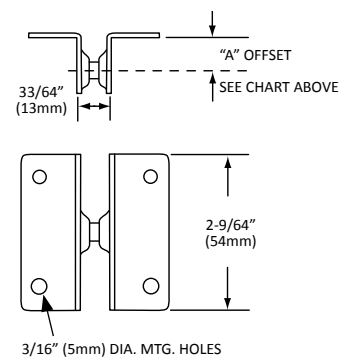
MODEL NO. W27-55 SERIES LOCKING STRIKE

MODEL NO.	"A" OFFSET
W27-5550	1/2" (13mm)
W27-5562	5/8" (16mm)
W27-5568	11/16" (17mm)
W27-5575	3/4" (19mm)
W27-5581	13/16" (21mm)

REF. A W27-5600A & W27-5600B LOCKING HOOK



REF. B W27-55xx LOCKING STRIKE



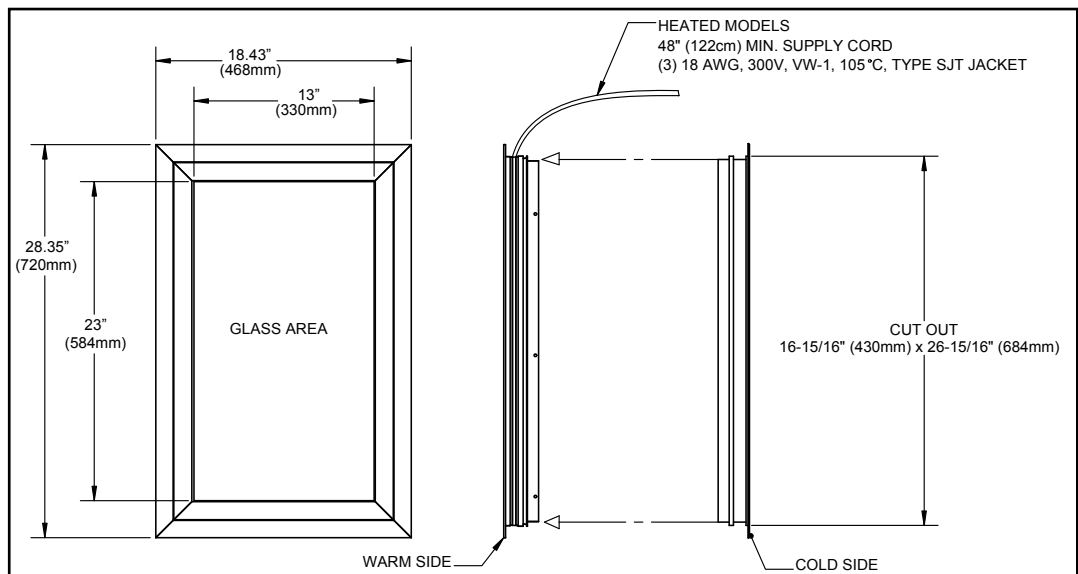
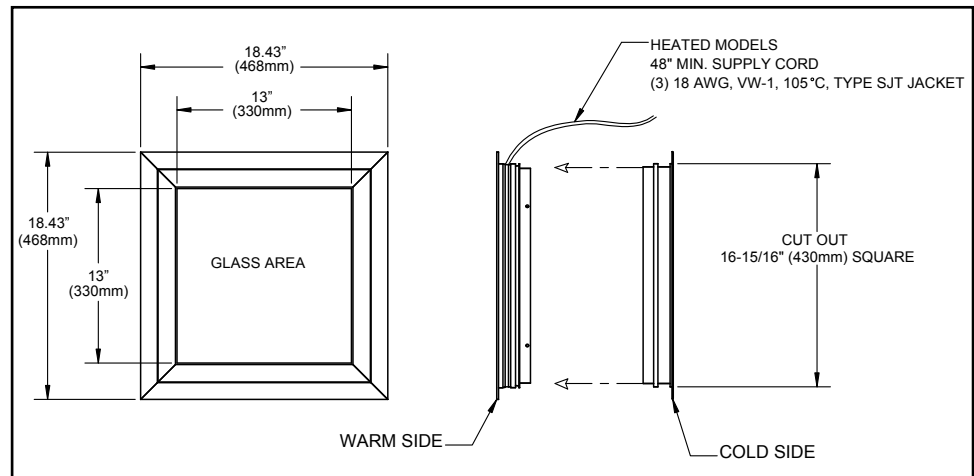
VIEW PORT WINDOW

VIEW PORT WINDOW

WITH ALUMINUM COVER FOR WALK-IN COOLER AND FREEZER APPLICATIONS- AVAILABLE HEATED AND NON-HEATED

- Brushed aluminum frame • Tempered triple pane glass on all models
- Argon filled space between glass on all models for added e-factor and to comply with Energy Independence Act of 2007
- Heated models for 120V/60Hz freezer applications to prevent fogging • Helps to minimize ingress/egress accidents
- Ideal for walk-in cooler/freezer applications and environmental chambers

MODEL NO.	DESCRIPTION	CUT-OUT SIZE	DOOR WIDTH	VOLTAGE (VAC)	CURRENT (Amp)	POWER (Watts)	FREQUENCY (Hz)
W91-1414-HGHF	Argon Gas Filled Space Between 3 Layers of Glass with Heated Frame and Heated Glass	16-15/16" (430mm) Square	3-1/2" (89mm) To 4" (102mm)	120	0.7	84	60
W91-14143-UGUF	Argon Gas Filled Space Between 3 Layers of Glass with Un-Heated Frame and Un-Heated Glass			—	—	—	—
W91-1424-HGHF	Argon Gas Filled Space Between 3 Layers of Glass with Heated Frame and Heated Glass	16-15/16" (430mm) x 26-15/16" (684mm)	3-1/2" (89mm) To 4" (102mm)	120	1.0	120	60
W91-14243-UGUF	Argon Gas Filled Space Between 3 Layers of Glass with Un-Heated Frame and Un-Heated Glass			—	—	—	—



NOTE: Double-sided tape exists all around inside surface of flange.



ACCESSORIES FOR WALK-IN REFRIGERATION AND FREEZERS



ACCESSORIES FOR WALK-IN REFRIGERATION & FREEZERS

REF. A

SILICONE SEALER

- Fits all standard caulking guns
 - F.D.A. APPROVED
 - U.L. RECOGNIZED
- MEETS F.D.A. EXTRACTION REQUIREMENT
- Silicone Sealant 10.3 oz (305ml) cartridge
 - Supplied with removable tip

MODEL NO.	COLOR	MAXIMUM SERVICE TEMP.
M90-1010	Clear	400°F (232°C)
M90-1012	Aluminum	400°F (232°C)

Sold in case quantities – 12 tubes per case

REF. B

SNAP-ON MOULDING

- Stainless steel cover with galvanized back plate
 - Ideal for use as a back-up plate for gaskets around door jam

MODEL NO.	WIDTH
J60-2220*	1/2" (13mm)
J60-2240	3/4" (19mm)
J60-2260	1" (25mm)
J60-2270	1-1/4" (32mm)
J60-2320*	2" (51mm)

12 FT. (3657mm) LENGTHS *NON-STOCK ITEM AVAILABLE ON APPLICATION SPECIAL LENGTHS AVAILABLE UPON REQUEST

REF. C

SNAP-IN FINISHING CAP

MODEL NO. W27-0002-C

- 3/4" diameter
- Max hole diameter 49/64"
 - Grey polyethylene
- For use with W27 series panel fastener
- Covers wrench holes for clean appearance

REF. D

HEX WRENCH

MODEL NO. W27-0001-C

MODEL NO. W27-0001-CTS*

*Hex wrench with rubber sleeve

- 6" x 6" (152mm x 152mm) • Hardened steel
- For use with W27 series panel fasteners
- Readily replaces competitors' wrenches



LIGHTING AND ELECTRICAL

D

HOT SIDE APPLICATIONS



Recessed Mount LED Perimeter Light



Recessed Mount LED Exhaust Hood Light



Recessed Mount Dimmable LED Down Light



Surface Mount LED Exhaust Hood Light

COLD SIDE APPLICATIONS



Dimmable, Linkable LED Display Light



LED Low Profile Surface Mount Lights

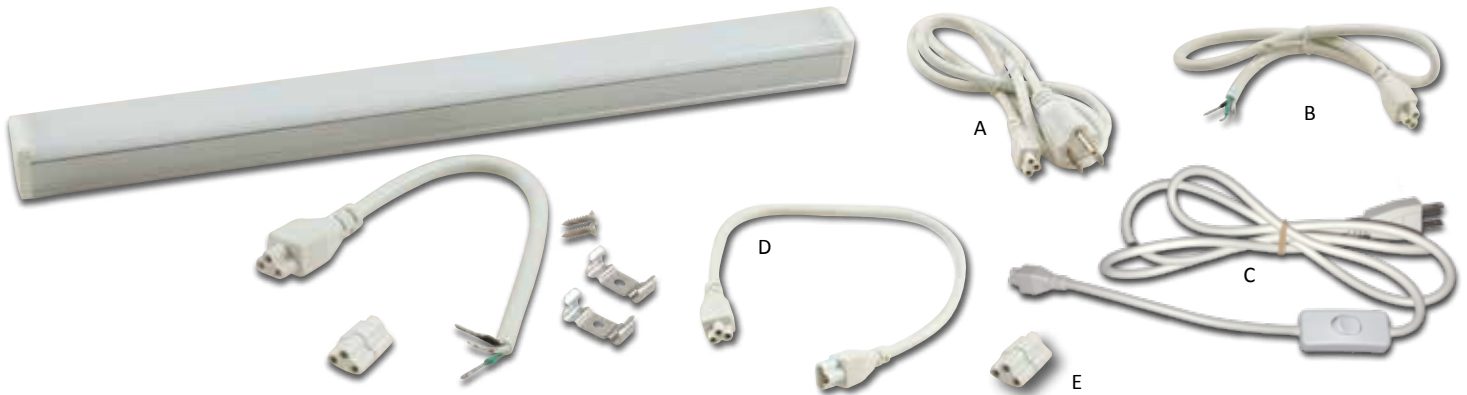


LED Appliance Bulb

DIMMABLE LED DISPLAY LIGHTS	D93	ROUND RECESSED DIMMABLE LED DOWN LIGHT	D101
LOW VOLTAGE LED DISPLAY LIGHTS	D94	RECESSED MOUNT LED HOOD LIGHTS	D102-D103
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DIMMABLE LED DISPLAY LIGHTS



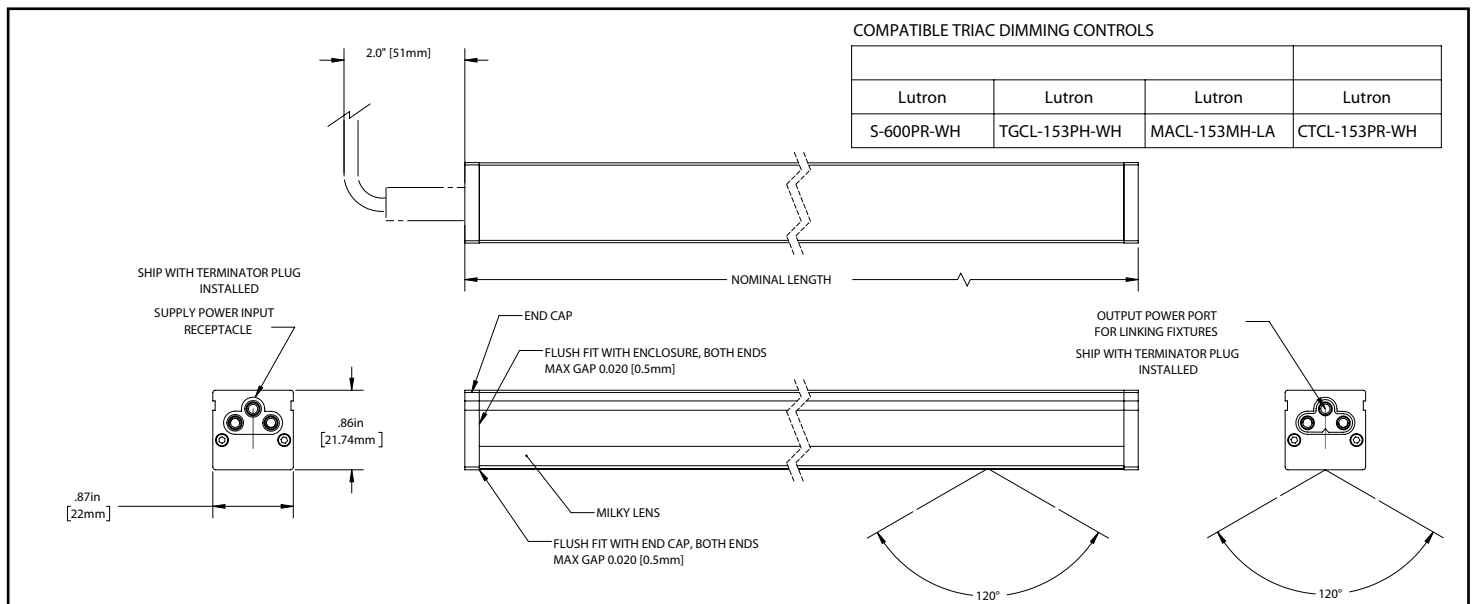
DIMMABLE, LINKABLE LED LIGHT FOR REFRIGERATED AND AMBIENT APPLICATIONS

Accessories

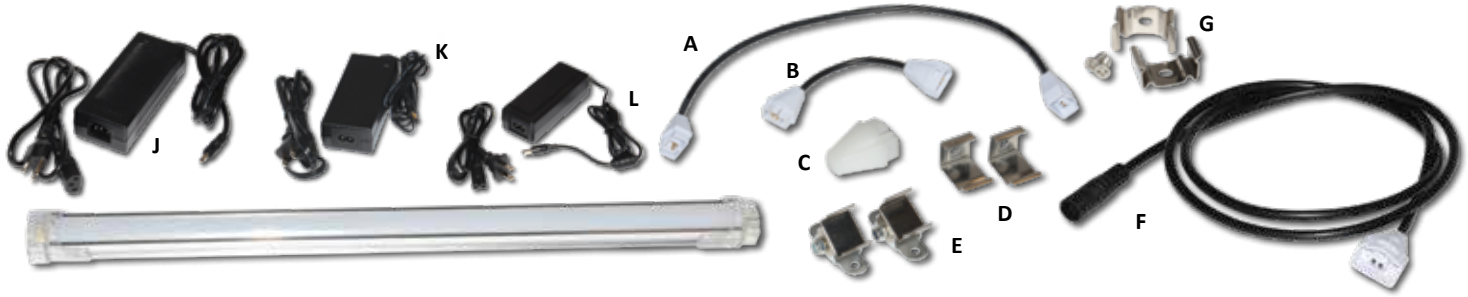
REF.	MODEL NO.	DESCRIPTION
A	LED-RB-X110	36" (914mm) Long AC Power Cord with 3 Prong Plug
A	LED-RB-X112	48" (1219mm) Long AC Power Cord with 3 Prong Plug
A	LED-RB-X115	72" (1829mm) Long AC Power Cord with 3 Prong Plug
B	LED-RB-X150	18" (457mm) Long AC Power Supply Cord with Tinned Leads
B	LED-RB-X155	36" (914mm) Long AC Power Supply Cord with Tinned Leads
B	LED-RB-X160	72" (1829mm) Long AC Power Supply Cord with Tinned Leads
C	LED-RB-X170	65" (1651mm) Long AC Power Supply Cord with 3A Rated In-Line Switch and a 3 Prong Plug
D	LED-RB-X206	6" (152mm) Linking Cable
D	LED-RB-X212	12" (305mm) Linking Cable
D	LED-RB-X218	18" (457mm) Linking Cable
D	LED-RB-X224	24" (610mm) Linking Cable
D	LED-RB-X236	36" (914mm) Linking Cable
D	LED-RB-X270	70" (1178mm) Linking Cable
E	LED-RB-X300	Linking Connector
N/A	LED-RB-X200	Rotary Mounting Bracket
N/A	LED-RB-X500	Rotary Mounting Bracket with Magnet
N/A	LED-RB-X501	Stationary Mounting Bracket

- Lights are compatible with standard TRIAC dimmer controls for LED lighting that are available from most electrical wholesalers – not sold by Component Hardware
- 60-foot maximum linkable length of combined fixtures
- Can be connected using various length linking cables or direct linking connectors
- Operating temperature from -4°F to 105°F (-20°C to 40°C)
- cULus listed for use in damp locations
- Aluminum alloy housing with polycarbonate cover and end caps
- Instant-on, no ballast to warm up
- Super slim, easy to install
- 50,000+ hours rated life; reduces landfill waste; lowers maintenance costs
- Exceeds Federal Energy Act requirement
- Contributes to LEED® energy use reduction credits
- No ultraviolet emission; does not attract insects
- LEDs emit little heat into refrigerated space

MODEL NO.	NOMINAL LENGTH (L)	INITIAL LUMENS	CURRENT CONSUMPTION	WATTS
LED-RB08-DIM-x	8" (203mm)	280	35mA	4
LED-RB12-DIM-x	12" (305mm)	490	45mA	6
LED-RB18-DIM-x	18" (457mm)	650	75mA	9
LED-RB24-DIM-x	24" (610mm)	880	100mA	12
LED-RB30-DIM-x	30" (762mm)	1070	130mA	15
LED-RB36-DIM-x	36" (915mm)	1280	150mA	18
LED-RB48-DIM-x	48" (1220mm)	1700	180mA	23



LOW VOLTAGE LED DISPLAY LIGHTS



ULTRA SLIM LINKABLE LED LIGHTS FOR REFRIGERATED AND AMBIENT APPLICATIONS

- Operating temperature from -4°F to 105°F (-20°C to 40°C) • Operated by 24VDC low voltage drives • LED lamps emit little heat into refrigerated space
- Aluminum alloy housing with polycarbonate cover and end caps • All lights to be operated by remote driver (cables and driver sold separately) • Maximum connection length of fixtures is 20' (6m) • Lights can be linked directly together or with linking cable • Supplied with metal mounting clips and zinc plated steel flat head screws
- 50,000+ hours rated life; reduces landfill waste; lowers maintenance costs • No ultraviolet emission; does not attract insects • Mercury-free
- Contributes to LEED® energy use reduction credits • Exceeds Federal Energy Act requirement • ETL listed

SPECIFICATIONS

MODEL NO.	ACTUAL LENGTH (L)	INITIAL LUMENS	CURRENT CONSUMPTION	WATTS
LED-RR12-x	11.8" (300mm)	350	160mA	4
LED-RR18-x	17.7" (450mm)	540	250mA	6
LED-RR20-x	19.7" (500mm)	610	290mA	7
LED-RR30-x	30.5" (775mm)	790	375mA	10
LED-RR35-x	35.8" (910mm)	920	458mA	12
LED-RR40-x	39.4" (1000mm)	1040	540mA	13
LED-RR48-x	47.2" (1200mm)	1440	660mA	16

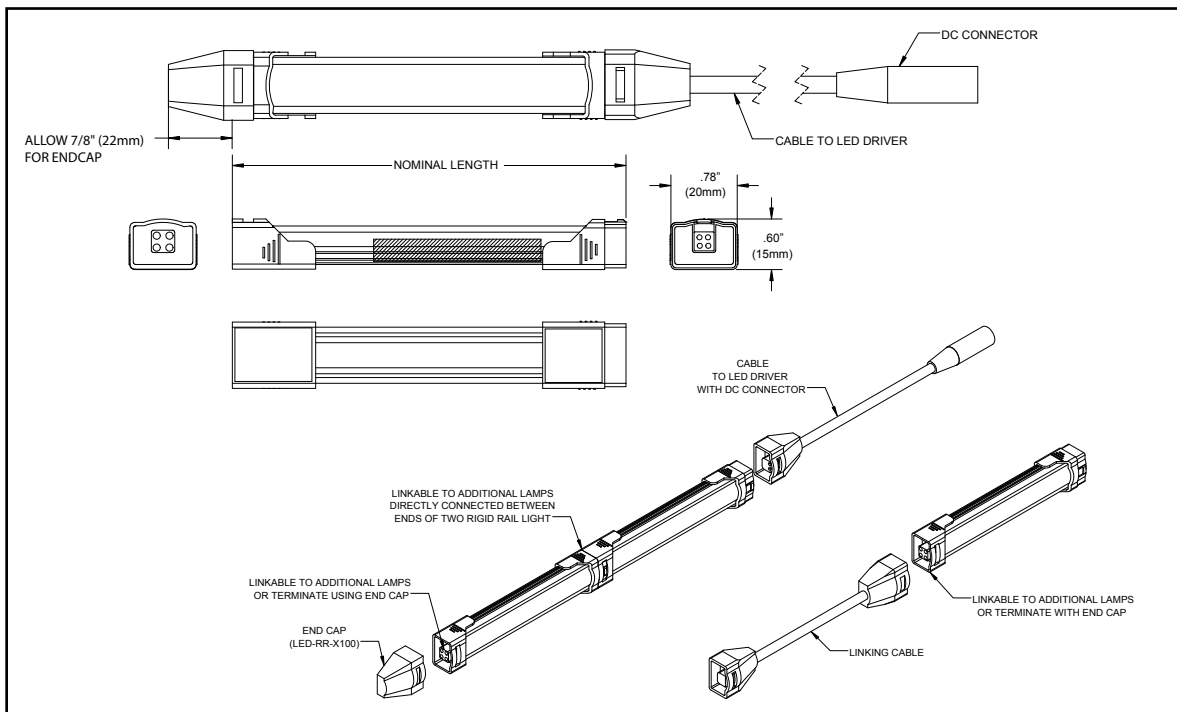
DRIVERS

REF.	MODEL NO.	INPUT VOLTAGE	AMPERAGE	OUTPUT	MAX FIXTURES	CORD LENGTH
J	LED-RR-402	100 - 240VAC	4.0	96W	19 ft	48" Input/Output
K	LED-RR-401	100 - 240VAC	2.5	60W	12 ft	48" Input, 70" Output
L	LED-RR-400	100 - 240VAC	1.5	36W	7 ft	70" Output

REF. ACCESSORIES

A	LED-RR-X112	12" (305mm) Linking Cable
A	LED-RR-X139	39" (991mm) Linking Cable
B	LED-RR-X103	3" (76mm) Linking Cable
C	LED-RR-X100	End Cap to Terminate Last Fixture
D	LED-RR-X303	(2) Mounting Clips for 30° Mounting Angle
D	LED-RR-X304	(2) Mounting Clips for 45° Mounting Angle
E	LED-RR-X305	(2) Mounting Clips for Rotary Mounting
F	LED-RR-X201	12" (305mm) Cable from Rigid Bar to LED Driver w/DC Connector
F	LED-RR-X202	39" (991mm) Cable from Rigid Bar to LED Driver w/DC Connector
-	LED-RR-X203	12" (305mm) Cable from Rigid Bar to LED Driver w/Flying Leads
-	LED-RR-X204	39" (991mm) Cable from Rigid Bar to LED Driver w/Flying Leads
G	LED-RR-X302	(2) Mounting Clips Parallel to Mounting Surface (included)

"x" designates color temperature: **C** (Cool White) 6000K, **N** (Natural White) 4000K, **W** (Warm White) 3000K



LED COOLER/FREEZER LIGHTS



L30 SERIES SLIM PROFILE 120V DIMMABLE ROUND LED LIGHT ENGINE IDEAL FOR REFRIGERATOR AND UNDERCOUNTER APPLICATIONS

- Flush mount • Low profile – 3/4" height is ideal for limited clearance applications
- Furnished with clear polycarbonate lens • Milky lens available on application - add (M) to end of model number
- Integral driver onboard, 120V AC drive technology • Dimmable to 5% with TRIARC dimmer control (dimmers sold by others)
 - 40,000 hour life • UL Listed for damp environments with included waterproofing gasket seal
 - Available in 5 different sized diameters (3", 4", 5-1/2", 7", and 8")
 - Available in 3 different color temperatures:
 - (warm white 3045±175K, natural white 3985±245K, cool white 6500±510K)

Model No.	Dia.	A	Wattage	Color
L30-3000-DIM-W	3"	3" (76mm)	10W	Warm
L30-3000-DIM-N				Natural
L30-3000-DIM-C				Cool
L30-4000-DIM-W	4"	4" (102mm)	17W	Warm
L30-4000-DIM-N				Natural
L30-4000-DIM-C				Cool
L30-5500-DIM-W	5-1/2"	5-1/2" (140mm)	23W	Warm
L30-5500-DIM-N				Natural
L30-5500-DIM-C				Cool
L30-7000-DIM-W	7"	7" (178mm)	28W	Warm
L30-7000-DIM-N				Natural
L30-7000-DIM-C				Cool
L30-8500-DIM-W	8"	8" (203mm)	40W	Warm
L30-8500-DIM-N				Natural
L30-8500-DIM-C				Cool

NON-STOCK ITEMS

Specifications

Voltage: 120 VAC
 Hertz: 60Hz
 CRI: 80+
 Operating Temp Range: 0°F - 104°F (-18°C - 40°C)
 Dimmable: 5%
 Compatible Dimmers: Lutron DV-600P/DVELV-300/SELV-300;
 Leviton IPL-06
 Note: Dimmers sold by others
 Non-stock item



LED COOLER/FREEZER LIGHTS

LED SURFACE MOUNT LIGHTS FOR COOLER/FREEZER

- Anti-moisture, corrosion resistant, suitable for cold storage
- Operating temperature from -22°F to 104°F (-30°C to 40°C)
- Impact resistant, weather resistant, reinforced polycarbonate housing
- IP-65 rated for damp and extreme environments
 - High light efficiency, long life LEDs
 - 50,000+ hours of rated life; long-term, stable work
- Uses long lasting, energy efficient 2835 LEDs
- Lens designed for optimal light transmittance without glaring or spotting



5" SQUARE LOW PROFILE LED SURFACE MOUNT LIGHT FOR COOLER/FREEZER

- Compact width (5.24in) and height (2.34in) for easy installation
- Domed polycarbonate lens diffuses light evenly up to an angle of 120°
- A total of 64 natural white LEDs maintain light output of 1500 lumens

MODEL NO.	LENS	TOTAL LUMENS	COLOR TEMP	LUMENS/WATT
LED-440187	Clear	1500	Natural White	100.0



48" LOW PROFILE LED SURFACE MOUNT LIGHT FOR COOLER/FREEZER

- Narrow width (3.01in) and low height (2.95in) for easy installation
- Ribbed polycarbonate lens diffuses light evenly up to an angle of 120°
- A total of 360 natural white LEDs maintain light output of 7500 lumens

MODEL NO.	LENS	TOTAL LUMENS	COLOR TEMP	LUMENS/WATT
LED-440079	Clear	7500	Natural White	115.4

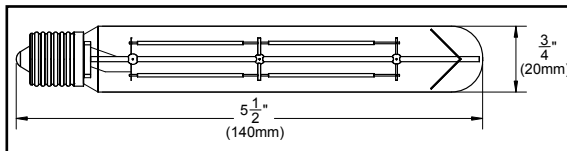


COOLER/FREEZER LED BULBS & FIXTURES

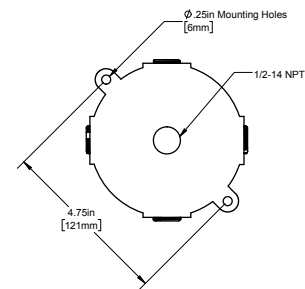
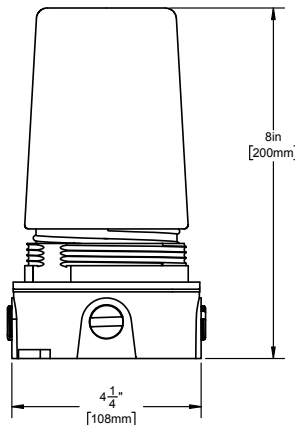


4W LED TUBULAR FILAMENT APPLIANCE BULB WITH E17 INTERMEDIATE BASE

- Lumens comparable to 40W incandescent bulb • Operating temperature: -4°F to 140°F • Clear glass lens • For use in dry or damp locations
- Warm white color • 25,000 hour rated service life



MODEL NO.	LENGTH	LUMENS	KELVINS	VAC
LED-TB40-T6-W	5-1/2" (140mm)	435	2800	120
LED-E26E17ADPT	Optional Adapter to Change to E26 Medium Base			



LED LIGHT FOR WALK-IN REFRIGERATION

- Replaces inefficient incandescent bulbs • 1100 lumens comparable to 75W incandescent bulb and uses 85% less energy • Simply screw in to existing fixture – no adapter required • Fits any A19/E26/E27 fixture • Suitable for damp locations • 120° beam angle floods interior with light • Mercury-free • Rated for 50,000 hour life • Instant on - no ballast to warm up • No buzzing or flickering • Impact resistant polycarbonate globe • 120-277VAC 50/60HZ • 100mA

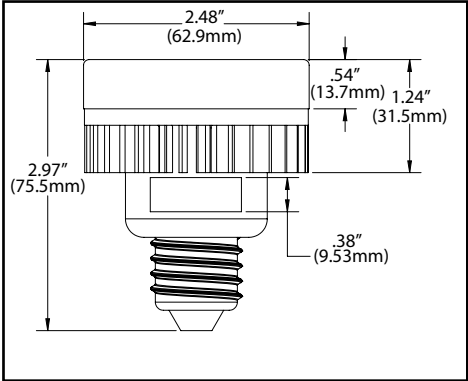
MODEL NO.	WATTS	LUMENS	KELVINS	OPERATING TEMP	DESCRIPTION
VXS-LEDN10PC	10	1100	5000	-4°F to 105°F (-20°C to 41°C)	Complete Fixture with Bulb and Globe



COOLER/FREEZER LED BULBS AND FIXTURES

LED APPLIANCE BULB AND FIXTURE FOR REACH-IN REFRIGERATOR APPLICATIONS

- Replaces inefficient incandescent bulbs • 800 lumens (comparable to 60W incandescent) • 1100 lumens (comparable to 75W incandescent) • Simply screw in to existing fixture – no adapter required • Fits any A19/E26/E27 fixture • Suitable for damp locations • 120° beam angle floods interior with light • Mercury-free
- Rated for 50,000 hour life • Instant on - no ballast to warm up • No buzzing or flickering • Impact resistant polycarbonate lens • 100-277VAC 50/60HZ
- 100mA • Operating Temperature: -4°F (-20°C) to 105°F (41°C)



MODEL NO.	WATTS	LUMENS	COLOR TEMP	COLOR RENDERING INDEX
LED-PK100DD-C	10	800	Cool White 6500	Ra>80
LED-PK100DD-N		1100	Natural White 5000	



MODEL NO.	DESCRIPTION
L20-1010-CL	Fixture Only with Clear Globe
L20-1010-N	Fixture Only with Milky Globe
L20-1010-L07C	Fixture with Cool White Bulb and Milky Globe



SURFACE MOUNT INCANDESCENT LIGHT FIXTURES AND ACCESSORIES

VXS SERIES SURFACE MOUNT INCANDESCENT REFRIGERATION LIGHTING FIXTURE

• Suitable for damp locations • Enclosed and gasketed



UL MODEL NO.	CSA MODEL NO.	DESCRIPTION
VXS-100-GL (NSF LISTED)	VXS-CSA-GL	Furnished w/ Glass Globe
VXS-100-PX (NSF LISTED)	VXS-CSA-PX	Furnished w/ Plastic Coated Glass Globe
VXS-100-PC (NSF LISTED)	VXS-CSA-PC	Furnished w/ Polycarbonate Globe
VXS-100-GL-WG	VXS-CSA-GL-WG	Furnished w/ Glass Globe and Wire Guard
VXS-100-PX-WG	VXS-CSA-PX-WG	Furnished w/ Plastic Coated Glass Globe and Wire Guard

SPECIFICATIONS

FIXTURE BODY:	Die cast aluminum
JUNCTION BOX:	Die cast aluminum
SOCKET:	Porcelain body with copper shell
WATTAGE:	Accepts standard 100 watt A19 bulb (not furnished)
VOLTAGE:	Rated up to 120 volts
GASKETS:	Cork and composition fiber
GLOBE:	Clear lime glass or clear plastic coated lime glass or clear impact resistant polycarbonate
WIRE GUARD:	Plated steel
CONDUIT ENTRY:	1/2" NPS (4) side openings and (1) top



VXS SERIES REPLACEMENT PARTS

REF.	MODEL NO.	DESCRIPTION
A	L10-X006	Globe, Clear Glass
B	L10-X007	Globe, Clear Plastic Coated Glass
C	L10-X008	Globe, Clear Polycarbonate
D	L10-X020	Wire Guard
E	L10-X026	Porcelain Socket Complete with Copper Shell
F	L10-Y005	Junction Box Complete with (4) 1/2" NPS Conduit Openings and Threaded Plugs
G	L10-Y010	Junction Box Assembly Complete with Lamp Housing
H	L10-Y016	Lamp Housing Complete with Porcelain Socket and Requires Gaskets



INCANDESCENT REFRIGERATOR LIGHTS AND ACCESSORIES

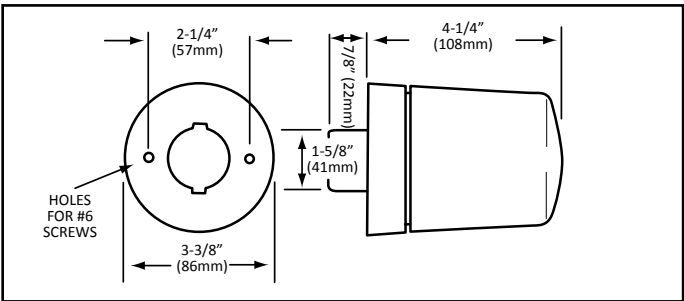


REFRIGERATION LIGHT FIXTURE

- Specifically designed for reach-in refrigerators and smartly styled
- Accommodates a 40W max incandescent bulb* or a 15W max LED bulb**

MODEL NO.	DESCRIPTION	REPLACEMENT GLOBE
L20-1010*	Complete Fixture with Clear Globe	L20-X004-CL
L20-1010-CL**	Complete Fixture with Clear Globe	L20-X004-CL
L20-1010-CSA*	Complete Fixture For CSA Applications	
L20-1010-N**	Complete Fixture with Milky Globe	L20-X004

Note: Bulb not included



SPECIFICATIONS:

- HOUSING:** Die cast aluminum with #4 satin finish
- GLOBE:** Impact resistant clear polycarbonate
- SOCKET:** Porcelain (snap-in type) furnished with wire leads & ground 1/4" (6mm) spade terminals available upon request.
- Mtg. surface requires 1-3/4" (45mm) holes for back of lamp holder



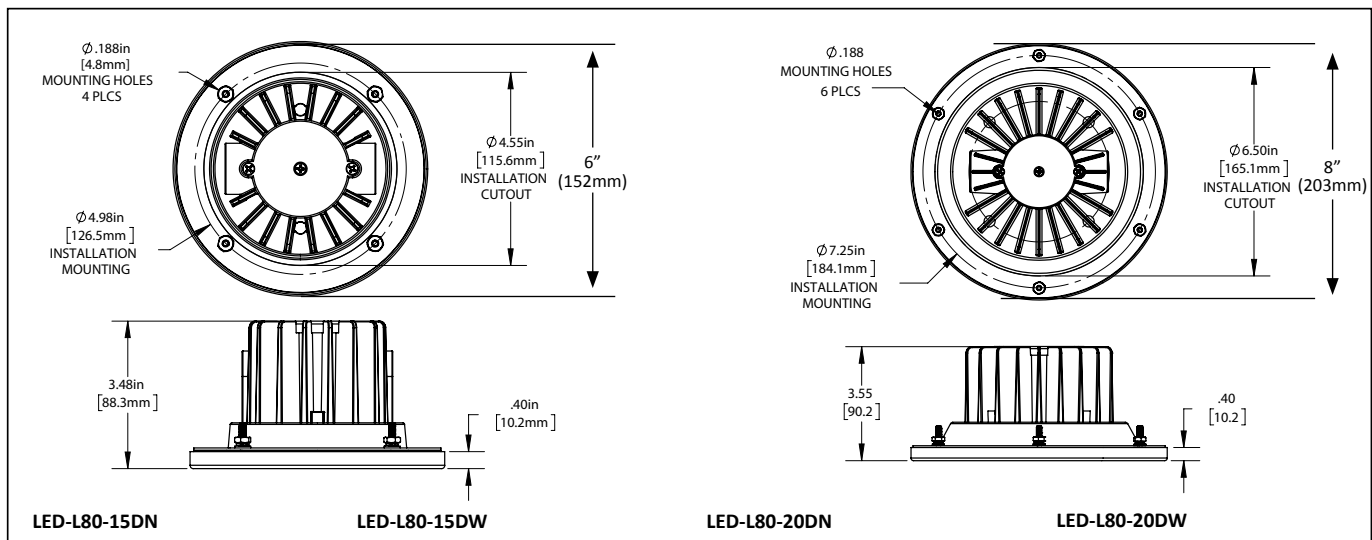
ROUND RECESSED DIMMABLE LED DOWN LIGHT



ROUND RECESSED DIMMABLE LED DOWN LIGHT

- Energy efficient - saves up to 85% energy consumption as compared to a standard 100W incandescent light
- May be wired with a dimmer switch to control ideal lighting conditions at the work surface
- 50,000 hour service life – 50 times longer than a standard 100W incandescent bulb
- Rated to a maximum operating temperature of 80°C (176°F)
- Passivated aluminum heat sink effectively dissipates heat to prolong the life of the LEDs and on-board driver
- Suitable for use in commercial cooking hoods
- Suitable for use in wet or dry locations
- Designed for easy installation
- Furnished with tempered glass lens and stainless steel frame

MODEL NO.	COLOR TEMP	WATTS	LUMENS	SIZE
LED-L80-15DN	Natural	15	1350	6"
LED-L80-15DW	Warm		1250	
LED-L80-20DN	Natural	20	1800	8"
LED-L80-20DW	Warm		1700	



SPECIFICATIONS:

Wattage: 15W
 Voltage: 120 VAC, 60 Hz
 Amperage: 0.13A
 Initial Lumens: 1350
 Efficacy: 90 Lumens/Watt
 CRI: > 80
 Beam Angle: 97°
 Color Temp +/- 175: 3985
 Flammability Rating: VW-1(UL), FT1(CSA)
 Overall Size: 6" Dia. X 3.48" H
 Driver: Driver-on-Board, 15W
 Ports: 2 each (1/2"-14 NPT)
 Operating Temp Range:
 32°F - 176°F (0°C - 80°C)
 Dimmable: 0-10 V Dimmer (not included)
 Lens Cover: Tempered Glass and
 Stainless Steel
 Warranty: 5 years

SPECIFICATIONS:

Wattage: 15W
 Voltage: 120 VAC, 60 Hz
 Amperage: 0.13A
 Initial Lumens: 1250
 Efficacy: 83 Lumens/Watt
 CRI: > 80
 Beam Angle: 95°
 Color Temp +/- 175: 3045
 Flammability Rating: VW-1(UL), FT1(CSA)
 Overall Size: 6" Dia. X 3.48" H
 Driver: Driver-on-Board, 15W
 Ports: 2 each (1/2"-14 NPT)
 Operating Temp Range:
 32°F - 176°F (0°C - 80°C)
 Dimmable: 0-10 V Dimmer (not included)
 Lens Cover: Tempered Glass and
 Stainless Steel
 Warranty: 5 years

SPECIFICATIONS:

Wattage: 20W
 Voltage: 120 VAC, 60 Hz
 Amperage: 0.17A
 Initial Lumens: 1800
 Efficacy: 90 Lumens/Watt
 CRI: > 80
 Beam Angle: 106°
 Color Temp +/- 175: 3985
 Flammability Rating: VW-1(UL), FT1(CSA)
 Overall Size: 7.99" Dia. X 3.56" H
 Driver: Driver-on-Board, 20W
 Ports: 2 each (1/2"-14 NPT)
 Operating Temp Range:
 32°F - 176°F (0°C - 80°C)
 Dimmable: 0-10 V Dimmer (not included)
 Lens Cover: Tempered Glass and
 Stainless Steel
 Warranty: 5 years

SPECIFICATIONS:

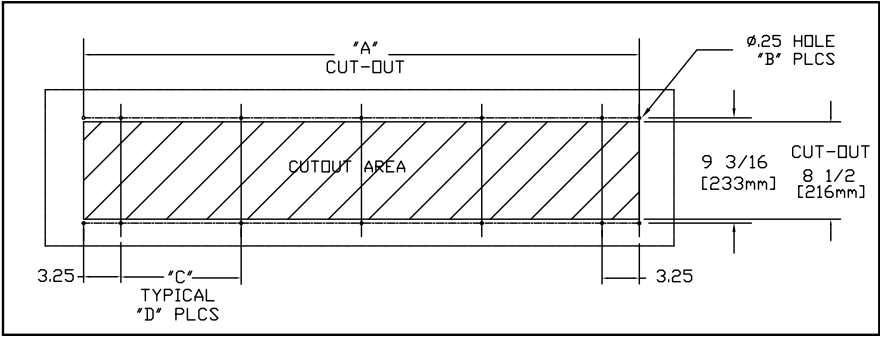
Wattage: 20W
 Voltage: 120 VAC, 60 Hz
 Amperage: 0.17A
 Initial Lumens: 1700
 Efficacy: 85 Lumens/Watt
 CRI: > 80
 Beam Angle: 106°
 Color Temp +/- 175: 3045
 Flammability Rating: VW-1(UL), FT1(CSA)
 Overall Size: 7.99" Dia. X 3.56" H
 Driver: Driver-on-Board, 20W
 Ports: 2 each (1/2"-14 NPT)
 Operating Temp Range:
 32°F - 176°F (0°C - 80°C)
 Dimmable: 0-10 V Dimmer (not included)
 Lens Cover: Tempered Glass and
 Stainless Steel
 Warranty: 5 years



RECESSED MOUNT LED HOOD LIGHTS

LED COMPLETE LIGHT FIXTURES AND RETRO-FIT KITS FOR EXHAUST KITCHEN HOODS

- Listed for up to 75°C (167°F) operation • 100 - 277VAC • Color Rendering Index > 80 • Meets all requirements of NFPA 96 and NEC 410
- LED lamps contain no mercury or other hazardous materials • Contributes to LEED® energy use reduction credits • 50,000 hour lamp life
- Highest efficacy per watt (100 lumens/watt) available - Exceeds Federal Energy Act requirements • Instant on, no ballast to warm up
- No ultraviolet rays: Does not attract insects • Current: 0.25A @ 120VAC



LED-L82 SERIES

- Listed for up to 75°C (167°F) operation • Highest efficacy (lumens/watt) available • Only 4-1/4" high for limited clearance applications
- Color Rendering Index > 80 • Instant on, no ballast to warm up • Recess mount installation • One piece satin finish stainless steel trim
- Tempered, prismatic glass diffuser • No ultraviolet rays • 50,000 hour service life • Low profile, only 4-1/4" high

MODEL NO.	COLOR TEMP	WATT	LUMENS/ WATT	KELVINS	TOTAL LIGHT OUTPUT	CURRENT	OVERALL TRIM SIZE	"A" CUT OUT	"B" HOLES	"C" SPACING	"D" EACH SIDE
LED-L82-1030-40N	Natural	43	>72	4000	4228	0.43-0.16A @	10-1/4" x 38-1/4"	36-1/2"	14 total	7-1/2"	4 places
LED-L82-1030-40W	Warm			3000	4135	100-277VAC	(260mm x 972mm)	(927mm)		(191mm)	
LED-L82-1040-50N	Natural	53		4000	4925	0.53-0.19A @	10-1/4" x 50-1/4"	48-1/2"		10-1/2"	
LED-L82-1040-50W	Warm			3000	4877	100-277VAC	(260mm x 61276mm)	(1232mm)		(267mm)	



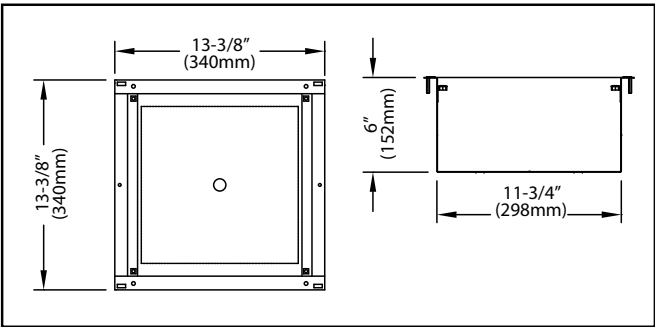
RECESSED MOUNT LED HOOD LIGHTS

LED-L87 SERIES

- Listed for up to 75°C (167°F) operation • Highest efficacy (96 lumens/watt) available • Instant on, no ballast to warm up
- Color Rendering Index > 80 • Recess mount installation
- Only 6" high for limited clearance applications • One piece satin finish stainless steel trim matches hood interior * 100-277 VAC
- Tempered, prismatic glass diffuser • 5 year warranty



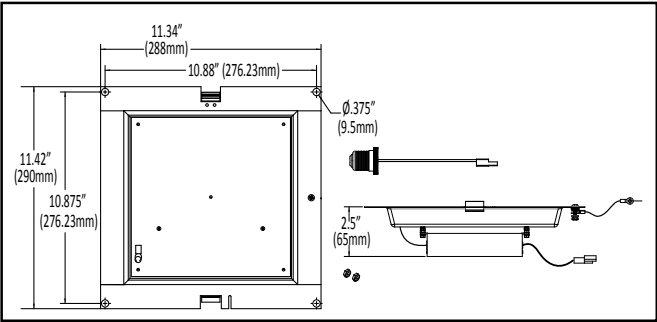
MODEL NO.	MTG STUDS	COLOR TEMP	WATT	KELVINS	TOTAL LIGHT OUTPUT
LED-L87-1004-30N	4	Natural	30	4000	2880 Lumens
LED-L87-1004-30W	4	Warm		3000	



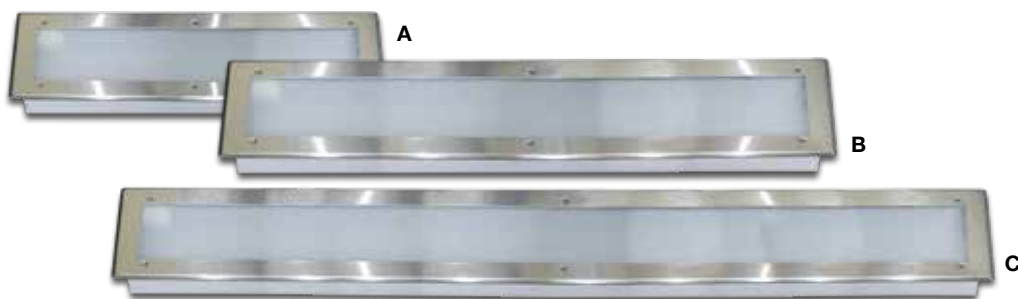
LED-L87 RETROFIT KITS

- Easily convert older L87 Series fluorescent or bulb-style LED fixtures to LED strip technology for improved performance and energy savings
- 109 lumens per watt • Listed up to 75°C operation • 100-277 VAC

MODEL NO.	MTG STUDS	COLOR TEMP	WATT	KELVINS	TOTAL LIGHT OUTPUT
LED-L87-1030N	4	Natural	30	4000	3800 Lumens
LED-L87-1030W		Warm		3000	



RECESSED MOUNT FLUORESCENT/ INCANDESCENT HOOD LIGHTS

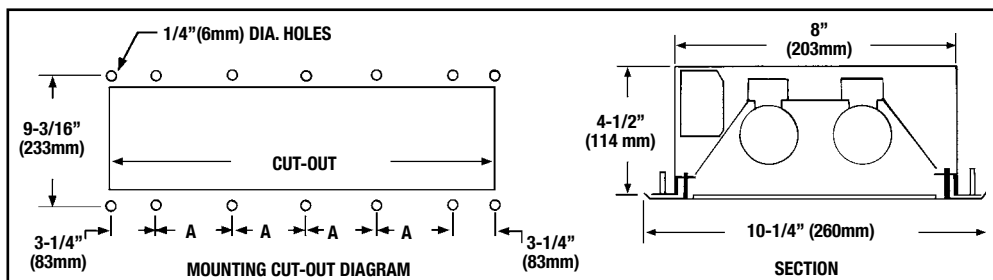


RECESSED FLUORESCENT KITCHEN EXHAUST HOOD LIGHT FIXTURES

- NSF Listed, UL Listed E250943 for use in commercial cooking hoods • Listed to 75°C (167°F)
- Meets all requirements for NFPA 96 and N.E.C. 410 • Only 4-1/2" (114mm) high for limited overhead clearance applications
- Tempered, prismatic glass diffuser with one piece satin finished stainless steel face frame to match hood interior

REF	MODEL NO.	LAMPS REQ'D	OVERALL TRIM SIZE	CUT-OUT SIZE	HOLES REQ'D	DIM. A
A	L82-1020	(2) F17T8	10-1/4" x 26-1/4" (260mm x 667mm)	8-1/2" x 24-1/2" (216mm x 622mm)	12	6" (152mm)
B	L82-1030	(2) F25T8	10-1/4" x 38-1/4" (260mm x 972mm)	8-1/2" x 36-1/2" (216mm x 927mm)	14	7-1/2" (191mm)
C	L82-1040	(2) F32T8	10-1/4" x 50-1/4" (260mm x 1276mm)	8-1/2" x 48-1/2" (216mm x 1232mm)	14	10-1/2" (267mm)

NOTE: Bulbs not included



SPECIFICATIONS

- BALLAST:** Universal 120-277v, 50 or 60 Hz, T8, UL Listed
- LAMPS:** T8 Fluorescent lamps (not furnished)
- BODY:** Steel with baked white enamel finish
- MOUNTING:** #10-32 x 3/4" (19mm) long threaded studs
- REFLECTOR:** Baked white enamel finish... providing a minimum of 87% diffused reflection
- DIFFUSER:** Crystal 73 tempered prismatic glass with prisms on inside of fixture, mounted into a stainless steel face frame with special sealing gasketing. Secured to fixture body with stainless steel screws for easy servicing.

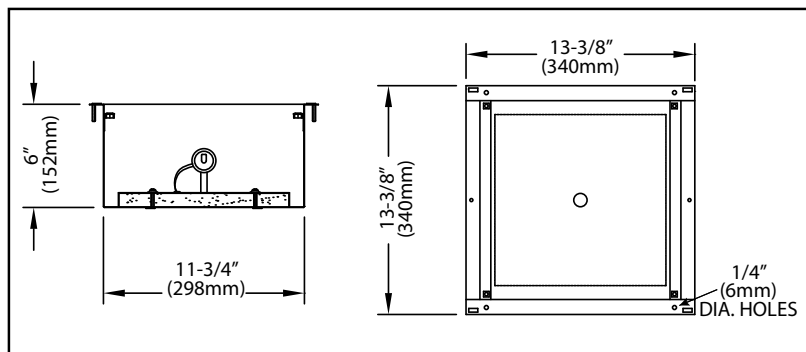
RECESSED INCANDESCENT KITCHEN EXHAUST HOOD LIGHT FIXTURE

- UL Listed E253411 and certified for Canada for use in commercial cooking hoods
- Meets all requirements for NFPA 96 and N.E.C. 410
- NSF Listed • Tempered, prismatic glass diffuser
- Satin finished stainless steel face frame to match hood interiors



MODEL NO.	OVERALL TRIM SIZE	CUT-OUT SIZE	HOLES REQ'D
L87-1004	13-7/8" Sq.	12" Sq.	4

NOTE: Bulbs not included



SPECIFICATIONS

- SOCKET:** Side mounted porcelain medium base
- WATTAGE:** Accepts standard A19/E26 Edison base bulb (not furnished)
- VOLTAGE:** Rated up to 120 Volts
- DIFFUSER:** Crystal 73 tempered prismatic glass with prisms on inside of fixture
- FACEPLATE:** One piece, stainless steel with smooth satin finish
- LOCKUP:** (4) captive stainless steel screws
- RETAINER:** Twin spring and cable for faceplate and frame
- REFLECTOR:** Die formed aluminum with satin finish
- WIRING:** Connections to socket are made in the interior removable thermal insulated wiring chamber
- BODY:** Steel recessed housing with baked white enamel finish
- MOUNTING:** (4) #10-24 x 3/4" (19mm) long threaded studs



SURFACE MOUNT LED HOOD LIGHTS & PERIMETER LIGHT



LED LIGHT FOR KITCHEN EXHAUST HOODS

- UL Listed Edison-base LED bulb rated to 85°C (185°F)
- Improved design with internal switch to provide thermal protection
 - 120 degree beam angle floods the workspace with light
- 85 to 277 VAC • 50/60Hz • Exceeds Federal Energy Act requirement
- Impact resistant polycarbonate enclosure • 50,000 hour rated service life

DESIGN PATENT NUMBER D715,463 S

MODEL NO.	WATTS	LUMENS	KELVINS	MAX OPERATING TEMP*
LED-40000N-B	12	960	4000 - 4500	85°C (185°F)
LED-40000N-P**				
LED-40001N (includes globe)				
LED-40000W-B		930	2800 - 3000	

*Bulb performance is not guaranteed if exposed to temperatures above 85°C

**In blister pack for POS display

LED-40000 BULBS COMPLETE WITH L55 SERIES LIGHT FIXTURE

MODEL NO.	GLOBE	WATTS	LUMENS	KELVINS
L55-LEDN-1004	Coated Glass	12	960	4000
L55-LEDW-1004			930	2800
L55-LEDN-1024	Coated Glass, Wire Guard	12	960	4000
L55-LEDW-1024			930	2800
L55-LEDN-2004	Tempered Glass	12	960	4000
L55-LEDW-2004			930	2800
L55-LEDN-2024	Tempered Glass, Wire Guard	12	960	4000
L55-LEDW-2024			930	2800



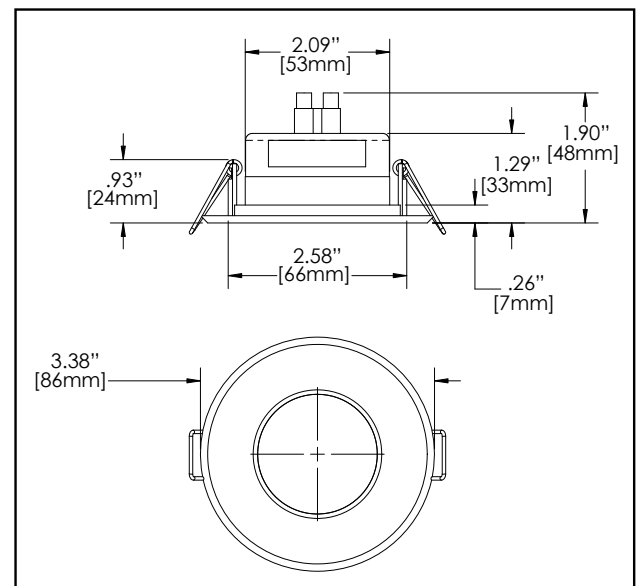
RECESS MOUNT PERIMETER LED LIGHT FOR KITCHEN EXHAUST HOOD PLENUMS

- Satin chrome finish bezel matches hood • 50,000 hour rated lamp life
- 120° beam angle floods the workspace with light • 100 to 130 VAC
 - 50/60 Hz • Impact resistant polycarbonate lens

MODEL NO.	WATTS	LUMENS	KELVINS	TYPE	OPERATING TEMP
LED-PL35-W	4	290	3000	Non-Dimmable	-4°F to 104°F (-20°C to 40°C)

Cut-out size required - 2.75" (70mm)

Notes: Supplied with 48" (1220mm) 18AWG wires.



SURFACE MOUNT HOOD LIGHT FIXTURES



E-Z MOUNT INCANDESCENT KITCHEN EXHAUST HOOD LIGHTING FIXTURES

*"TUFF-SKIN" coating eliminates hot spot browning and discoloration of globe

- UL Listed to 80°C (176°F) • Prevents glass shatter from impact, dropping, unusual stresses and thermal shock
- Scratch resistant • U.S.D.A. approved • Improves light source by providing better diffusion
- E-Z Mount feature allows for quick installation • Permanently affixed gaskets cut installation time
- Meets all requirements for NFPA 96 and N.E.C. 410 • Greaseproof, waterproof and heatproof construction

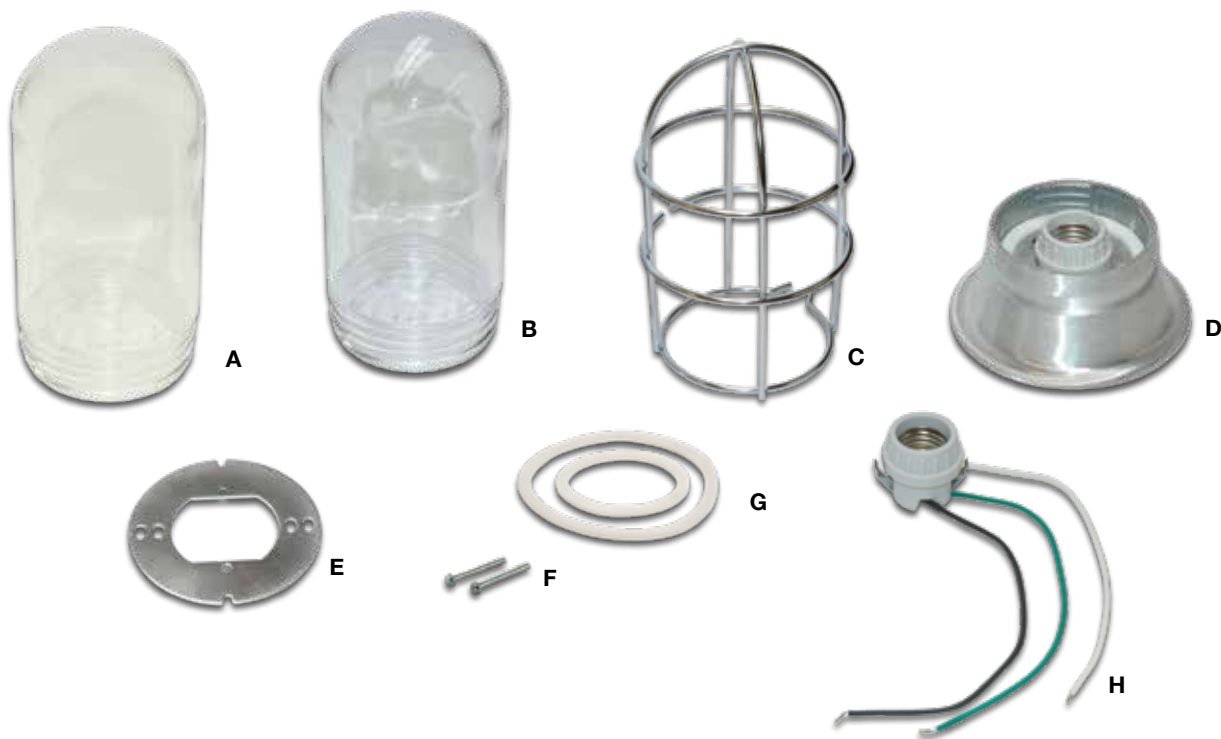
MODEL NO.	DESCRIPTION
L55-1004	Furnished with TUFF-SKIN* Coating; Thermal and Shock Resistant Tempered Glass Globe
L55-1004-CSA	Furnished with TUFF-SKIN* Coating; Thermal and Shock Resistant Tempered Glass Globe; CSA Certified
L55-1004-HT	Furnished with TUFF-SKIN* Coating; Thermal and Shock Resistant Tempered Glass Globe; Lamp Holder Wires Rated to 392°F (200°C), 600V; Insulation: Silicone Rubber with Treated Glass Bead Sleeving
L55-1024	Furnished with TUFF-SKIN* Coating; Thermal and Shock Resistant Tempered Glass Globe; Includes Wire Guard
L55-1024-CSA	Furnished with TUFF-SKIN* Coating; Thermal and Shock Resistant Tempered Glass Globe; CSA Certified; Includes Wire Guard
L55-1024-HT	Furnished with TUFF-SKIN* Coating; Thermal and Shock Resistant Tempered Glass Globe; Lamp Holder Wires Rated TO 392°F (200°C), 600V; Insulation: Silicone Rubber with Treated Glass Bead Sleeving; Includes Wire Guard
L55-2004	Furnished with Thermal and Shock Resistant Tempered Glass Globe
L55-2004-CSA	Furnished with Thermal and Shock Resistant Tempered Glass Globe; CSA Certified
L55-2004-HT	Furnished with Thermal and Shock Resistant Tempered Glass Globe; Lamp Holder Wires Rated to 392°F (200°C), 600V; Insulation: Silicone Rubber with Treated Glass Bead Sleeving
L55-2024	Furnished with Thermal and Shock Resistant Tempered Glass Globe; Includes Wire Guard
L55-2024-CSA	Furnished with Thermal and Shock Resistant Tempered Glass Globe; CSA Certified; Includes Wire Guard
L55-2024-HT	Furnished with Thermal and Shock Resistant Tempered Glass Globe; Lamp Holder Wires Rated to 392°F (200°C), 600V; Insulation: Silicone Rubber with Treated Glass Bead Sleeving; Includes Wire Guard

SPECIFICATIONS

FIXTURE BODY:	Die cast aluminum with brushed finish
SOCKET:	Porcelain body with copper shell
WIRE LEADS:	Standard - 16 awg, 6" (152mm) long Hi-temp - 14 awg, 9" (229mm) long
GROUND LEAD:	6" (152mm) long green colored 18 awg wire
WATTAGE:	Accepts standard 100 watt A19 bulb (not furnished)
VOLTAGE:	Rated up to 120 volts
GASKETS:	Silicone
OVERALL SIZE:	5-3/8" (136mm) and 8-11/32" (212mm) long
JUNCTION BOX:	Not furnished. Fixture is designed to accept any standard 3-1/2" (89mm) or 4" (102mm) junction box

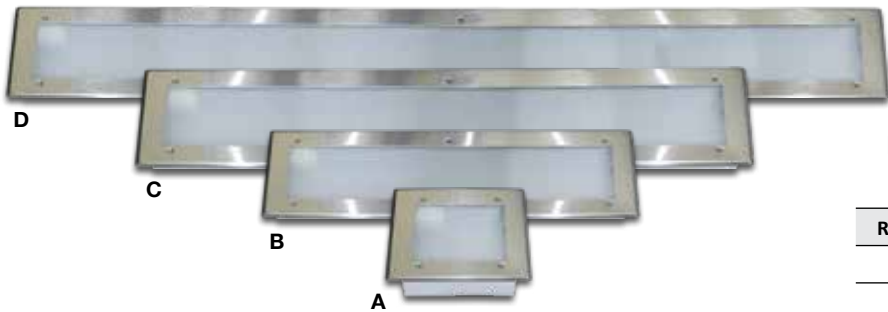


HOOD LIGHT ACCESSORIES



L55 SERIES REPLACEMENT PARTS

REF	MODEL NO.	DESCRIPTION
A	L50-X011	Globe, Furnished with TUFF-SKIN Coating; Thermal and Shock Resistant Tempered Glass
B	L55-X022	Globe, Furnished with Thermal and Shock Resistant Tempered Glass
C	L10-X020	Wire Guard, Zinc Plated Steel
D	L55-Y001	Lamp Housing Assembly; Includes Porcelain Socket and Required Silicone Gasket
	L55-Y001-CSA	Lamp Housing Assembly; Includes Porcelain Socket and Required Silicone Gasket; CSA Certified
	L55-Y001-HT	Lamp Housing Assembly; Includes Porcelain Socket and Required Silicone Gasket; Lamp Holder Wires Rated to 392°F (200°C), 600V; Wire Leads 14AWG, 9" (229mm) Long Stripped End. Insulation: Silicone Rubber with Treated Glass Bead Sleeving
E	L50-X009	Adapter Plate
F	L55-X006	Screw, #10-24 x 1-3/4" Long bRound Head
G	L50-Y001	Gasket Set, Silicone, White
	L55-X003	Porcelain Socket, Snap-In with 3 Leads
H	L55-X003-HT	Porcelain Socket; Wires Rated to 392°F (200°C), 600V; Wire Leads 14AWG, 9" (229mm) Long Stripped End. Insulation: Silicone Rubber with Treated Glass Bead Sleeving; Includes Wire Guard



L82/L87 SERIES REPLACEMENT LENS/FRAME ASSEMBLIES

REF	MODEL NO.	DESCRIPTION
A	L87-Y001	12" Square Lens and Frame
B	L82-Y001	2' Lens and Frame
C	L82-Y002	3' Lens and Frame
D	L82-Y003	4' Lens and Frame



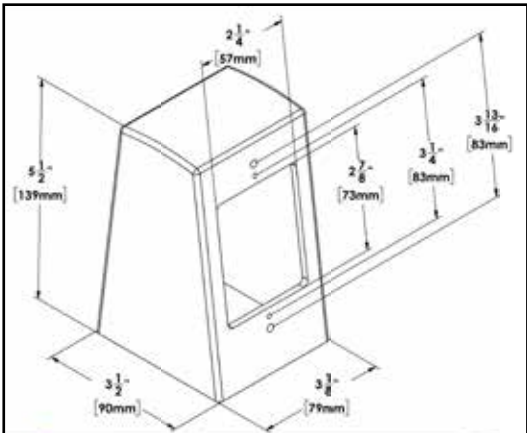
ELECTRICAL COMPONENTS



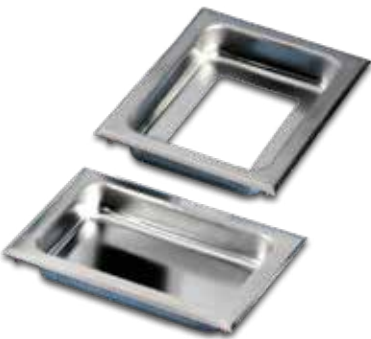
CAST ALUMINUM ELECTRIC OUTLET BOXES

- Brushed satin finish * Provides convenient surface mounted outlet for countertop appliances • For 3/4" NPS or 1/2" NPS (adaptor provided) • Accepts standard switch, duplex receptacle or GFCI receptacle
- Ground screw provided • U.L. Listed #48 C6

MODEL NO.	DESCRIPTION
R58-1010	Single Faced
R58-1020	Double Faced



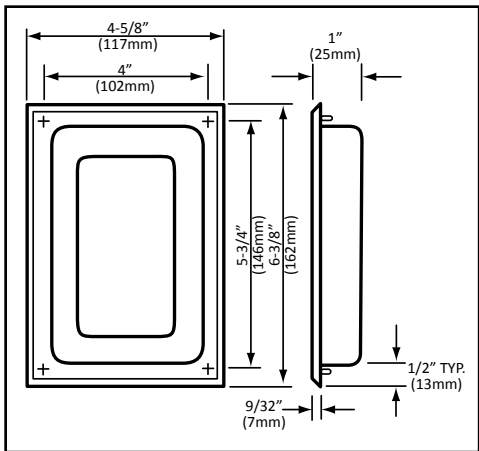
D



STAINLESS STEEL RECESSED HOUSINGS

- Internal coved corners
- Provided with (4) 10-24 mounting studs
- Accepts standard J-box for tack welding
- 430 stainless steel construction

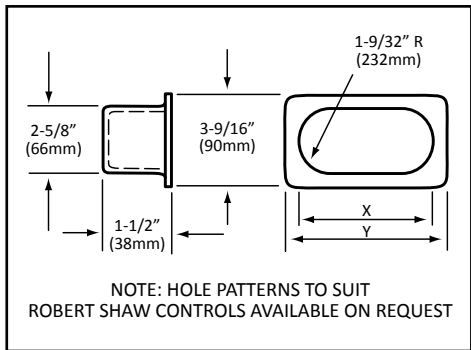
MODEL NO.	DESCRIPTION
R73-1210	For "J" Mounting Box
R73-1212	For Control Switch Application (without cutout)



STAINLESS STEEL CONTROL PANELS

- For recessed mounting of control knobs
- Satin finish • Three sizes available
- 430 stainless steel construction

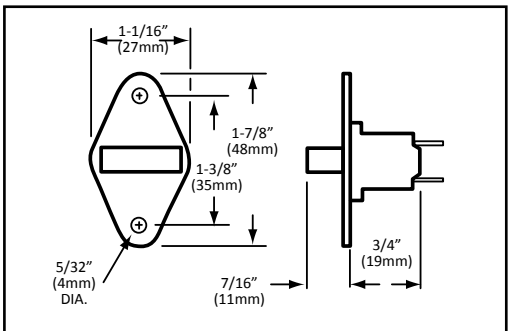
MODEL NO.	"X" DIM.	"Y" DIM.
R73-2201	5" (127mm)	6" (152mm)
R73-2202	8-5/16" (211mm)	9-5/16" (236mm)
R73-2203	11-3/4" (298mm)	12-3/4" (324mm)



ELECTRICAL COMPONENTS



MODEL NO.	DESCRIPTION
R62-8406	Rocker Style with Bakelite Rocker Arm, Flush Mount



FLUSH DUPLEX RECEPTACLE

- 3 wire "U" ground 125 Volts
- 2 pole, 3 wire, self grounding • 125 VAC single phase • Brown finish • Back and side wire connections for #14 and #12 AWG

MODEL NO.	DESCRIPTION
R69-1630	15 Amps, 1.875kW



COVER PLATES

- 430 stainless steel construction
- Satin finish • 4-1/2" L x 2-3/4" W x 0.035" H
- Furnished with mounting hardware

MODEL NO.	DESCRIPTION
R71-0721	Duplex Receptacle Plate
R70-0720	Toggle Switch Plate
R70-0722	GFCI Receptacle Plate
R70-0723	Blank Plate



EQUIPMENT LEGS



E

LEG SOCKETS & SHELF SUPPORTS
STAINLESS STEEL LEG SOCKETS
FOOT INSERTS FOR ROUND TUBING
SEISMIC RESTRAINT & ENGINEERED PLASTIC
ADJUSTABLE FOOT INSERTS
ADJUSTABLE FOOT INSERT FEATURES FULL
3" ADJUSTMENT
FOOT INSERTS FOR SQUARE TUBING
FLANGED FOOT INSERTS FOR ROUND
AND SQUARE TUBING

E111	SECURITY/SEISMIC HEAVY-DUTY LEG ASSEMBLIES	E118
E112	ABS PLASTIC EQUIPMENT LEGS	E119
E113	ECONOMY ZINC DIE CAST EQUIPMENT LEGS	E120
	STAINLESS STEEL EQUIPMENT LEGS	E121-E125
E114	S/S ONE PIECE LEG ASSEMBLIES WITH FULL 3" ADJUSTMENT	E126
E115	CUSTOM STAINLESS STEEL LEG ASSEMBLIES	E127
E116	APPLIANCE LEGS	E128-E131
E117	ACCESSORIES	E132-E133



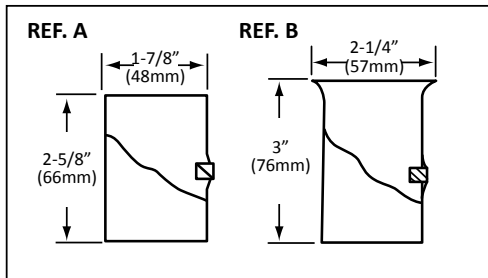
LEG SOCKETS AND SHELF SUPPORTS



ZINC PLATED STEEL LEG SOCKETS

- STRAIGHT OR FLARED MODELS AVAILABLE
- LOCKING SET SCREW PROVIDED FOR SECURE ASSEMBLY
- PERMITS KD SHIPPING

REF.	MODEL NO.	HEIGHT	MATERIAL	APPLICATION
B	A26-0207-C	3" (76mm)	ZINC PLATED	1-5/8" (41mm) O.D. Tubing or
A	A28-0207-C	2-5/8" (66mm)	ZINC PLATED	1-1/4" (32mm) IPS Pipe



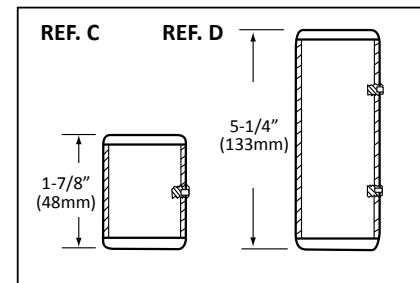
STAINLESS STEEL TUBULAR SHELF SUPPORTS

FOR 1-5/8" (41mm) O.D. TUBING

- LONG AND SHORT LENGTH MODELS AVAILABLE
- FURNISHED WITH LOCKING SET SCREWS
- CAN BE USED AS ADJUSTABLE POT RACK BAND SUPPORT



REF.	MODEL NO.	HEIGHT	APPLICATION
C	A24-0206-C	1-7/8" (48mm)	1-5/8" (41mm) O.D. Tubing
D	A24-0207-C	5-1/4" (133mm)	1-5/8" (41mm) O.D. Tubing

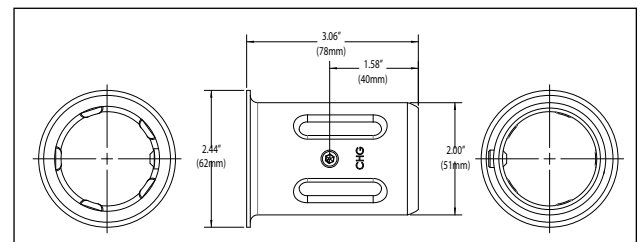


16 GAUGE ALL STAINLESS STEEL LEG SOCKET

- UNIQUE INTERIOR GEOMETRY TIGHTLY FITS THE DIAMETER OF THE LEG
- INCREASED SURFACE CONTACT IMPROVES STABILITY
- 2" OUTSIDE DIAMETER FOR 1-5/8" OD TUBING
- SATIN STAINLESS STEEL FINISH
- FLANGED TOP FOR EASE OF WELDING
- PERMITS KD SHIPPING TO REDUCE FREIGHT COSTS
- LOCKING SET SCREW ENSURES SECURE ASSEMBLY

MODEL NO. A19-1000

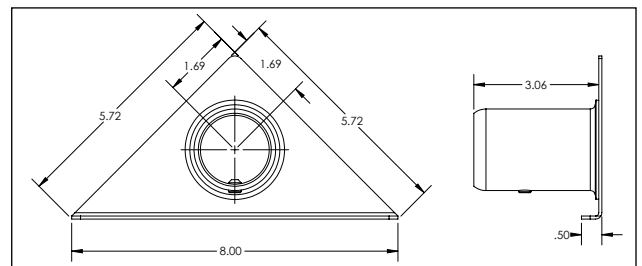
PATENT PENDING



TYPE 304 STAINLESS STEEL TRIANGULAR MOUNTING PLATE

- 14-GA. THICK

MODEL NO. A18-0306-C



NSF STANDARDS GOVERNING THE USE OF SET SCREWS IN NON-FOOD ZONES REQUIRE THE PLUGGING OF THE HEX SOCKET HOLE AFTER FINAL ASSEMBLY AND TIGHTENING. THIS MAY BE ACCOMPLISHED BY APPLYING A HARDENING TYPE SILICONE SEALANT OR THE USE OF A HOLE PLUG. ADDITIONAL 5/16-24 SET SCREWS ARE AVAILABLE. SPECIFY A18-X001 WHEN ORDERING.



STAINLESS STEEL LEG SOCKETS

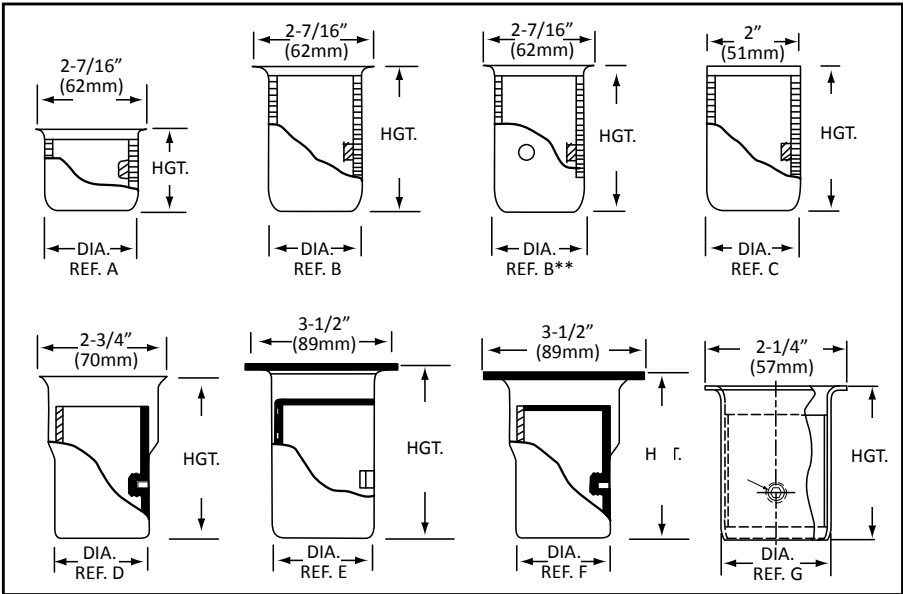


STAINLESS STEEL LEG SOCKETS

- FOR 1-1/2" & 1-5/8" O.D. LEG ASSEMBLIES
 - CONSTRUCTED OF 16 ga (1.5mm) STAINLESS STEEL TUBING
 - PROVIDED WITH LOCKING SET SCREW TO ASSURE SECURE ASSEMBLY
 - MODELS AVAILABLE WITH PLAIN OR FLARED TOP FOR WELD ON APPLICATIONS OR WELDED STAINLESS STEEL MOUNTING PLATES
- PERMITS KD SHIPPING TO REDUCE FREIGHT COSTS

REF.	MODEL NO.	HEIGHT	APPLICATION	DIA.
A	A16-0206-C	1-3/4" (44mm)		
C*	A18-0203-C	3-1/4" (82mm)		
B	A18-0206-C	3-1/16" (78mm)	1-5/8" (41mm)	
E	A18-0406-C	3-1/8" (79mm)	O.D. Tubing or	2" (51mm)
B**	A18-9900-C	3-1/16" (78mm)	1-1/4" I.P.S. Pipe	
D	A20-0206-C	3-1/2" (89mm)		
F	A20-0406-C	3-9/16" (90mm)		
G	A18-0202-C	2-7/16" (62mm)	1-1/2" (38mm)	1-3/4" (44mm)
E	A18-0402-C	2-1/2" (64mm)	O.D. Tubing	

*FURNISHED WITHOUT FLARED TOP **FURNISHED WITH 2 SET SCREWS.
MOUNTING PLATE HAS (4) 5/16"(8mm) DIA. HOLES ON 2-5/8" (66mm) CENTERS.



NICKEL PLATED STEEL HEX HEAD SET SCREW

REF. F MODEL NO. A18-X001
5/16-24 X 5/16"L
FOR USE WITH ALL COMPONENT HARDWARE BRAND
LEG SOCKETS. ASSURES EQUIPMENT LEG IS SECURELY
FASTENED TO LEG SOCKET.

NSF STANDARDS GOVERNING THE USE OF SET SCREWS IN NON-FOOD ZONES REQUIRES THE PLUGGING OF THE HEX SOCKET HOLE AFTER FINAL ASSEMBLY AND TIGHTENING. THIS MAY BE ACCOMPLISHED BY APPLYING A HARDENING TYPE SILICONE SEALANT OR THE USE OF A HOLE PLUG.



FOOT INSERTS FOR ROUND TUBING



ADJUSTABLE FOOT INSERTS FOR ROUND TUBING

CONVENTIONAL ROUND & HEX ADJUSTABLE TOES FOR ROUND TUBING AND PIPE

AVAILABLE IN:

- NATURAL FINISH ZAMAK • NICKEL PLATED ZAMAK • THERMOPLASTIC, GRAY OR BLACK • STAINLESS STEEL CLAD
- ADJUSTABLE TO LEVEL EQUIPMENT ON JOB SITE • MOST TOES SUPPLIED WITH WRENCH FLATS FOR EASY ADJUSTMENT

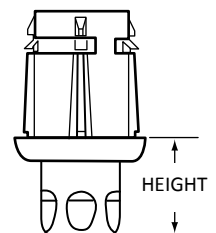
REF.	MODEL NO.	FOOT DESCRIPTION	TYPE	HEIGHT	ADJ.	LOAD RATING	APPLICATION
A	A10-0221-C	Nickel Plated Zamak	HEX	11/16" (18mm)	13/16" (21mm)	1100 (500)	1" (25mm) O.D. Tubing 16 ga (1.5mm) & 18 ga (1.2mm)
A	A10-0421-C	Nickel Plated Zamak	HEX	3/4" (19mm)	1-1/8" (28mm)	1400 (635)	1-1/4" (32mm) O.D. Tubing 16 ga (1.5mm)
B	A10-0611-C	Nickel Finish Zamak	HEX	1-1/4" (32mm)	1-1/8" (28mm)	2000 (900)	1-1/2" (38mm) O.D. Tubing 16 ga (1.5mm) or 1-1/4" I.P.S. Pipe
B	A10-0651-C	Stainless Steel Clad	HEX	1-1/2" (38mm)	1-1/4" (32mm)	2000 (900)	
C	A10-0631-C	c	HEX	1-3/8" (35mm)	1-1/16" (27mm)	200 (90)	
D	A10-0641-C	Thermoplastic Gray	HEX	1-3/8" (35mm)	1-1/16" (27mm)	200 (90)	
E	A10-0811-C	Nickel Finish Zamak	HEX	1-1/4" (32mm)	1-1/8" (28mm)	2000 (900)	1-5/8" (41mm) O.D. Tubing 16 ga (1.5mm)
F*	A10-0851-C	Stainless Steel Clad	HEX	1-1/2" (38mm)	1-1/4" (32mm)	2000 (900)	
G	A10-0852-C	Stainless Steel Clad	ROUND	1-1/2" (38mm)	1-1/4" (32mm)	2000 (900)	
C	A10-0831-C	Nickel Plated Zamak	HEX	1-3/8" (35mm)	1-1/16" (27mm)	200 (90)	2" (52mm) O.D. Tubing 16 ga (1.5mm)
D	A10-0841-C	Thermoplastic Gray	HEX	1-3/8" (35mm)	1-1/16" (27mm)	200 (90)	
H	A11-0851-C	Stainless Steel Clad	HEX	1" (25mm)	2" (51mm)	2300 (1040)	

* SHOWN WITH OPTIONAL POSI-GRIP LOCKING RING

*OPTIONAL POSI-GRIP LOCKING RING

MODEL NO. A10-0010-C

SPRING STEEL WITH CLEATS THAT GRIP AND BITE TUBING TO LOCK FOOT TO TUBE.



FOOT INSERTS FOR ROUND TUBING

STAINLESS STEEL CLAD PLASTIC ADJUSTABLE FOOT INSERT

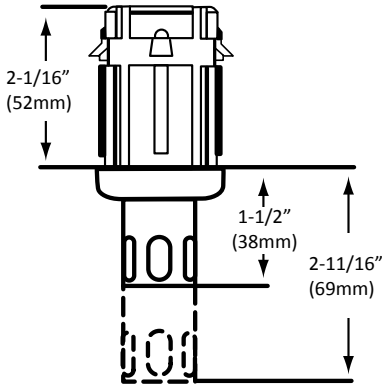
FOR 1-1/2”(38mm) AND 1-5/8” (41mm) ROUND TUBING

- STAINLESS STEEL CLAD TOE • ECONOMICAL • OFFERS A FULL 1-1/4” (32mm) ADJUSTMENT
- WRENCH FLATS AND UNIQUE THREADING OFFERS SMOOTH, FAST FIELD ADJUSTMENT
- EACH MODEL DESIGNED TO SUIT EITHER 16 ga (2mm) OR 18 ga (1mm) ROUND TUBING
- SPECIALLY DESIGNED ENGINEERED PLASTIC CONSTRUCTION WITHSTANDS TODAY’S HARSH CHEMICAL CLEANSERS IN COMMERCIAL KITCHEN ENVIRONMENTS



*OPTIONAL POSI-GRIP LOCKING RING

MODEL NO. A10-0010-C
SPRING STEEL WITH CLEATS
THAT GRIP AND BITE TUBING
TO LOCK FOOT TO TUBE.



MODEL NO.	APPLICATION	TYPE	HEIGHT	ADJ.	LOAD RATING
A10-1000	1-5/8” (41mm) O.D Tubing 16 ga (1.5mm) & 18 ga (1.2mm)	HEX	1-1/2” (38mm)	1-1/4” (32mm)	1000 lbs (450 kg)
A10-1500	1-1/2”(38mm) O.D Tubing 16 ga (1.5mm) & 18 ga (1.2mm)	HEX	1-1/2” (38mm)	1-1/4” (32mm)	1000 lbs (450 kg)

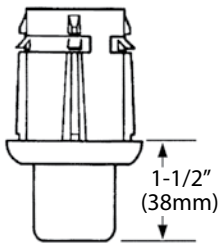
ADJUSTABLE SEISMIC RESTRAINT FOOT

MODEL NO. A10-0852-S

- 7/16” DIA. (.44mm) HOLE IN BOTTOM OF TOE TO PERMIT SECURE ANCHORING TO REBAR IN FLOOR
- MEETS SMACNA GUIDLINES FOR SEISMIC RESTRAINT OF EQUIPMENT FOR SHEAR ONLY
- STAINLESS STEEL CLAD ZAMAK CONSTRUCTION WILL NOT CORRODE
- FOR 1-5/8” O.D. (41mm), 16 GAUGE (1.5mm) TUBING APPLICATIONS
- ADJUSTABLE ROUND TOE PERMITS 1-1/4” (32mm) HEIGHT ADJUSTMENT
 - STATIC LOAD RATING TO 2000LBS (900kg)
- AVAILABLE WITH OPTIONAL POSI-GRIP LOCKING RING FOR ADDED PULL-OUT STRENGTH

*OPTIONAL POSI-GRIP LOCKING RING

MODEL NO. A10-0010-C
SPRING STEEL WITH CLEATS
THAT GRIP AND BITE TUBING
TO LOCK FOOT TO TUBE.



7/16” (.44mm)
DIA. OPENING



FOOT INSERT WITH FULL 3" ADJUSTMENT

HI-RISE® ADJUSTABLE FOOT INSERTS

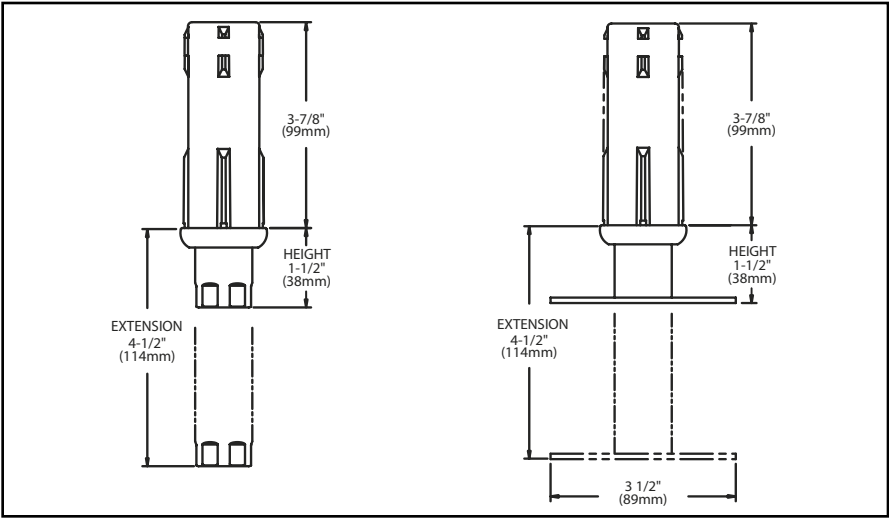


- FULL 3" (76mm) HEIGHT ADJUSTMENT
- RUGGED 2000 lbs STATIC LOAD RATING
- STAINLESS STEEL FLANGED MODELS AVAILABLE
 - IDEAL FOR LENGTHY CAFETERIA LINES AND COUNTERS WHERE FLOOR PITCH IS A CONCERN
 - ELIMINATES COSTLY FIELD MODIFICATION
- MAXIMUM HEIGHT ADJUSTMENT HELPS AVOID PLUMBING OBSTACLES AND OTHER UNFORESEEN CONDITIONS DURING INSTALLATION OF EQUIPMENT

Adjustable Foot Inserts, specified by Engineers and Consultants, are specifically designed to meet pending OSHA requirements which suggest maximum counter and table adjustments to permit comfortable working environments.

3" (76mm) ADJUSTABLE FOOT INSERT TO SUIT 1-5/8" (41mm) O.D. TUBING 16 ga (1.5mm)

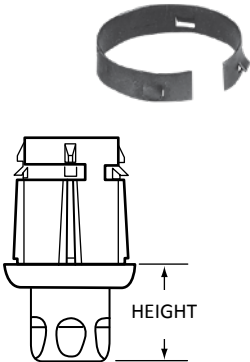
MODEL NO.	DESCRIPTION	TYPE	HEIGHT	ADJ.	LOAD RATING
A10-0881-C	Stainless Steel	Hex	1-1/2" (38mm)	3" (76mm)	2000 lbs (900 kg)
A10-0884-C	S/S Flanged W/ (2) 11/32" (9mm) Dia. Mounting Holes	Flanged	1-1/2" (38mm)	3" (76mm)	2000 lbs (900 kg)



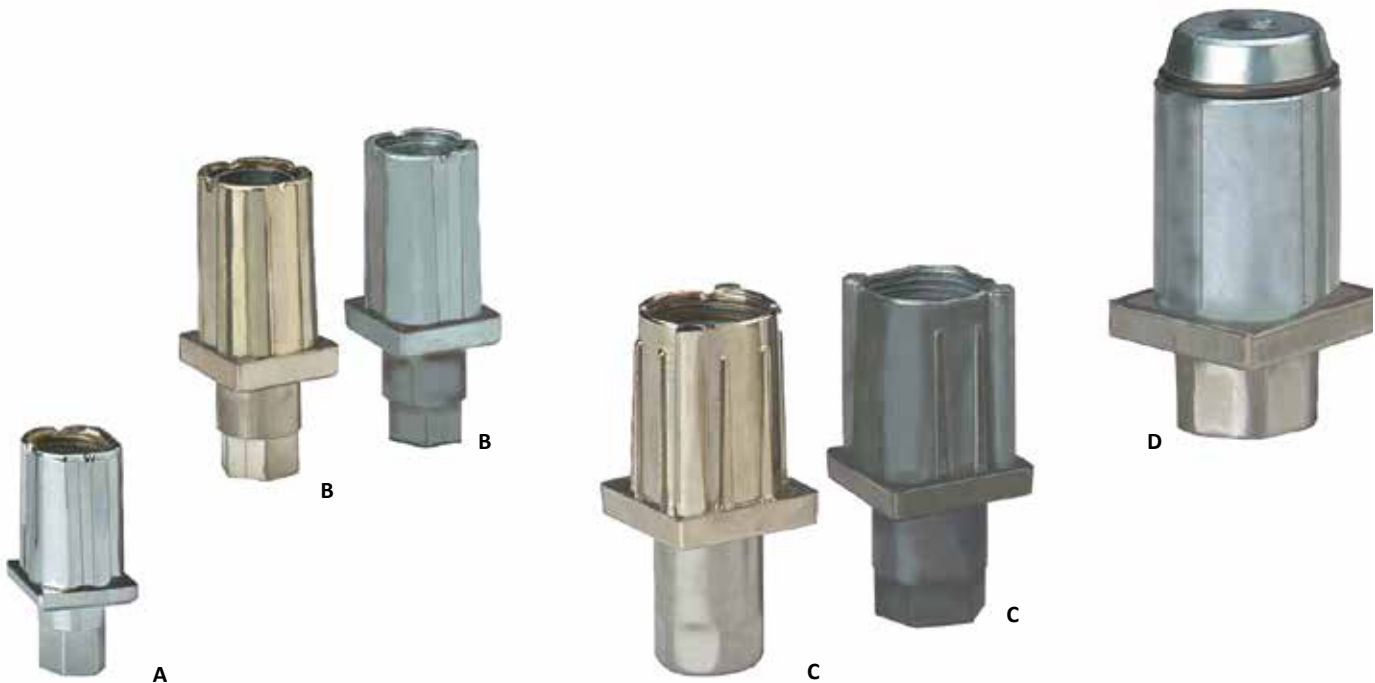
*OPTIONAL POSI-GRIP LOCKING RING

MODEL NO. A10-0010-C

SPRING STEEL WITH CLEATS
THAT GRIP AND BITE TUBING
TO LOCK FOOT TO TUBE.



FOOT INSERTS FOR SQUARE TUBING



ADJUSTABLE FOOT INSERTS FOR SQUARE TUBING

- AVAILABLE WITH ZINC, NICKEL OR STAINLESS STEEL CLAD FINISH
- ADJUSTABLE TO LEVEL EQUIPMENT ON JOB SITE
- WRENCH FLATS FOR EASY ADJUSTMENT
- 2" (51mm) MODEL COMPLETE WITH RETAINING RING AND HEAVY-DUTY CONSTRUCTION

REF.	MODEL NO.	FOOT DESCRIPTION	TYPE	HEIGHT	ADJ.	LOAD RATING	APPLICATION
A	A14-0221-C	Nickel Plated Zamak	HEX	11/16" (18mm)	7/8" (22mm)	1200 (550)	1" (25mm) SQ. Tubing 16 ga (1.5mm) or 18 ga (1.2mm)
B	A14-0411-C	Natural Finish Zamak	HEX	1-1/4" (32mm)	1-1/8" (28mm)	2000 (900)	1-1/4" (32mm) SQ. Tubing 16 ga (1.5mm) or 18 ga (1.2mm)
	A14-0421-C	Nickel Plated Zamak	HEX	1-3/8" (35mm)	1" (25mm)	2000 (900)	1-1/4" (32mm) SQ. Tubing 16 ga (1.5mm) or 18 ga (1.2mm)
C	A14-0611-C	Natural Finish Zamak	HEX	1-1/4" (32mm)	1-1/8" (28mm)	2000 (900)	1-1/2" (38mm) SQ. Tubing 16 ga (1.5mm) or 18 ga (1.2mm)
	A14-0651-C	Stainless Steel Clad	HEX	1-1/2" (38mm)	1-1/8" (28mm)	2000 (900)	1-1/2" (38mm) SQ. Tubing 16 ga (1.5mm) or 18 ga (1.2mm)
D	A15-0851-C	Stainless Steel Clad	HEX	1" (25mm)	2" (51mm)	2300 (1040)	2" (51mm) SQ. Tubing 16 ga (1.5mm)

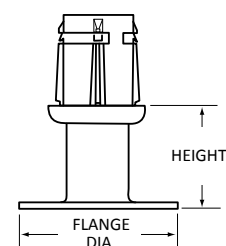


FLANGED FOOT INSERTS FOR ROUND AND SQUARE TUBING



FLANGED ADJUSTABLE FOOT INSERTS FOR ROUND OR SQUARE TUBING OR PIPE

- AVAILABLE WITH STAINLESS STEEL CLAD OR NICKEL PLATED FINISH
- AVAILABLE WITH OR WITHOUT MOUNTING HOLES
- ADJUSTABLE TO LEVEL EQUIPMENT ON JOB SITE
- REDUCED FLANGE MODELS AVAILABLE



E

REF.	MODEL NO.	FLANGE DESCRIPTION	HEIGHT	ADJ.	LOAD RATING Lbs/Ft (Kg/mm)	APPLICATION
A	A14-0224-C	1-3/16"(30mm) Dia. Nickel Plated Zamak	3/4" (17.5mm)	1/2" (12mm)	1200 (550)	1"(25mm) Square Tubing 16 ga (1.5mm) & 18 ga (1.2mm)
B	A14-0424-C	2-1/8" (54mm) Nickel Plated Zamak	1-3/8" (35mm)	1" (25mm)	2000 (900)	1-1/4"(32mm) Square Tubing 16 ga (1.5mm) OR 18 ga (1.2mm)
D*	A10-0654-C	3-1/2"(89mm) Dia. S/S With Mountin Holes**	1-1/2" (38mm)	1-1/8" (28mm)	2000 (900)	1-1/4" I.P.S. Pipe Or 1-1/2"(38mm) O.D. Round Tubing 16 ga (1.5mm)
C*	A14-0653-C	3-1/2"(89mm) Dia. S/S No Mounting Holes	1-1/2" (38mm)	1-1/8" (28mm)	2000 (900)	1-1/2"(38mm) Square Tubing 16 ga (1.5mm) Or 18 ga (1.2mm)
C*	A14-0654-C	3-1/2"(89mm) DIA. S/S With Mountin Holes**	1-1/2" (38mm)	1-1/8" (28mm)	2000 (900)	
E	A10-9904-C	2"(50mm) Dia. S/S No Mounting Holes	1-1/2" (38mm))	1-1/8" (28mm))	2000 (900)	1-5/8"(41mm) O.D. Round Tubing For Marine Application 16 ga (1.5mm)
D*	A10-0853-C	3-1/2"(89mm) Dia. S/S No Mounting Holes	1-1/2" (38mm)	1-1/8" (28mm)	2000 (900)	1-5/8"(41mm) O.D. Round Tubing 16 ga (1.5mm)
D*	A10-0854-C	3-1/2"(89mm) Dia. S/S With Mountin Holes**	1-1/2" (38mm)	1-1/8" (28mm)	2000 (900)	
F*	A11-0854-C	3-1/2"(89mm) Dia. S/S With Mountin Holes**	1" (25mm)	2" (51mm)	2300 (1040)	2"(51mm) O.D. Round Tubing 16 ga (1.5mm)
G*	A15-0854-C	3-1/2"(89mm) Dia. S/S With Mountin Holes**	1" (25mm)	2" (51mm)	2300 (1040)	2"(51mm) Square Tubing 16 ga (1.5mm) Or 18 ga (1.2mm)

* Flanged Foot Models Have 12 GA. (2.6mm) Stainless Steel Flange With A #4 Satin Finish.

** Provided With (2) 11/32" (9mm) DIA. Mounting Holes, Spaced 2-1/2" (64mm) O.C.

NOTE: Ref. D and E furnished with optional posi-grip locking rings standard



SECURITY /SEISMIC HEAVY-DUTY LEG ASSEMBLIES

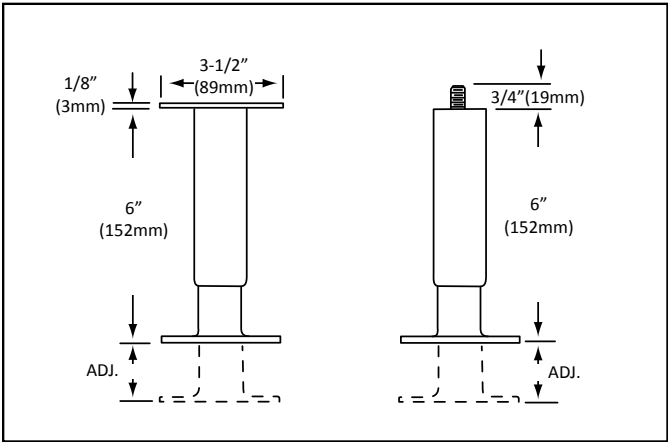
SECURITY/SEISMIC EQUIPMENT LEGS STAINLESS STEEL

- THREADED STEEL STUD OR WELDED MOUNTING PLATE PROVIDED FOR EASY MOUNTING OF LEGS TO EQUIPMENT
 - FOOT INSERTS ARE PROVIDED WITH A 3-1/2" (89mm) DIA. 11 ga (3mm) FLANGE
- ALL LEGS MAY BE FURNISHED TO MEET SPECIFIC REQUIREMENTS WITH SPECIAL STUDS AND/OR MOUNTING PLATES
- LEGS MAY BE FURNISHED IN SETS OF FOUR WITH CUSTOMER'S PART NUMBERS FOR KD SHIPPING
- MOUNTING PLATE HAS (4) 5/16" (8mm) DIA. MOUNTING HOLES ON 2-5/8" CENTERS



FLOOR FASTENED • STAINLESS STEEL SECURITY/SEISMIC EQUIPMENT LEGS

MODEL NO.	DESCRIPTION
A47-9932-C	1-5/8" (41mm) O.D. With Welded Mounting Plate
A50-9939-C	1-5/8" (41mm) O.D. With 1/2-13 Protruding Stud
A88-9902-C	2" (51mm) O.D. With Welded Mounting Plate
A90-9902-C	2" (51mm) O.D. With 3/4-10 Protruding Stud



SPECIFICATIONS

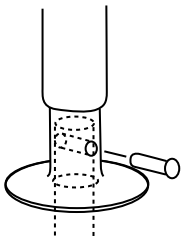
MATERIAL: 1-5/8" (41mm) AND 2" (51mm) O.D. STAINLESS STEEL TUBING

FINISH: #4 SATIN FINISH

TOE ADJUSTMENT: LEGS ARE 6" (152mm) IN HEIGHT AND PROVIDE 1-1/2" (38mm) ADJUSTMENT

STATIC LOAD RATING: 2,000 lbs (900kg) PER LEG

Easily modified to meet SMACNA seismic restraint requirements. First, drill a 5/8" (16mm) diameter hole in flanged toe to accommodate anchored floor rod. Then, simply drill a 1/4" (6mm) diameter horizontal hole through toe portion which allows leg to be pinned to anchored rod. (Pin not furnished)

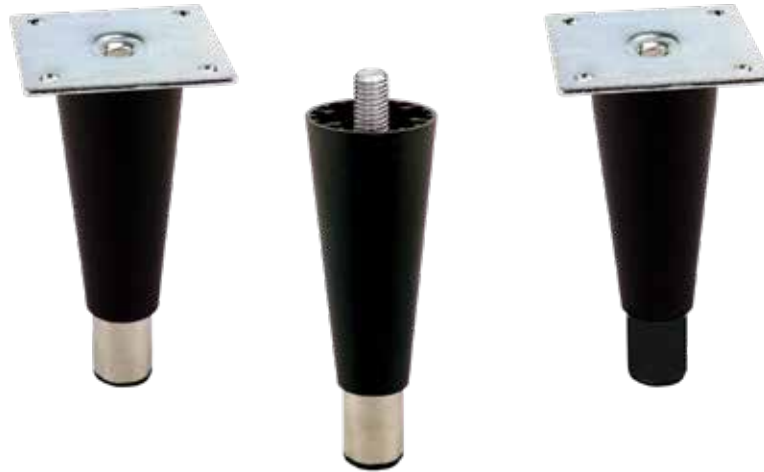


Security/Seismic Equipment Legs are specifically designed for Marine, Prison and Institutional applications where installations require Secured Floor-Fastened Adjustable Legs on equipment that may be subjected to sudden movement or shifting. Equipment Legs are available in both 1-5/8" (41mm) and 2" (51mm) O.D. models with a protruding threaded stud or welded 3-1/2" (89mm) 11 gauge (3mm) square mounting plate. The 3-1/2" (89mm) dia. flanged foot has two 11/32" (9mm) dia. floor fastening holes on 2-1/2" (63mm) centers.

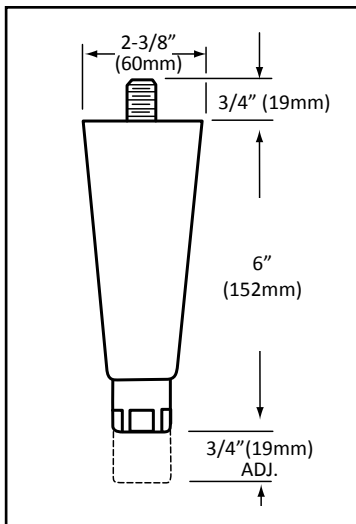


ABS PLASTIC EQUIPMENT LEGS

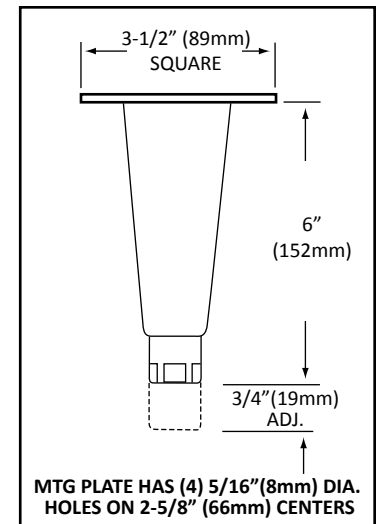
HIGH IMPACT ABS PLASTIC EQUIPMENT LEGS



FOR ICE MAKERS, REACH-INS, COMMERCIAL REFRIGERATORS, COUNTERS & COMMERCIAL CABINETS



- 2000 lbs (900 kg) PER LEG STATIC LOAD RATING
 - BLACK MATTE FINISH
- TOUGH, DURABLE, HIGH IMPACT RESISTANT ABS PLASTIC BODY
- AVAILABLE WITH NON-REMOVABLE METAL TOE WITH NON-MARRING ABS PLASTIC BASE OR BLACK ABS NON-MARRING TOE
 - FULLY ADJUSTABLE TOE
- WRENCH FLATS ON TOE FOR EASY ADJUSTMENT
- 6" MINIMUM HEIGHT WITH ADJUSTABLE TOE
- CORROSION RESISTANT ZINC PLATING ON ALL STUDS



ABS PLASTIC EQUIPMENT LEGS

MODEL NO.	MOUNTING TYPE	LEG COLOR	FOOT TYPE
AP63-2003-C	1/2 - 13 Flush Stud With 3-1/2" Square Mounting Plate	Black	Black
AP61-4003-C	1/2 - 13 Protruding Stud	Black	Nickel Plated Zamak
AP62-4003-C	5/8 - 11 Protruding Stud	Black	Nickel Plated Zamak
AP63-4003-C	1/2 - 13 Flush Stud With 3-1/2" Square Mounting Plate	Black	Nickel Plated Zamak
AP64-4003-C*	1/2 - 13 Flush Stud With 2-1/2 x 3-5/8" Rectangular Non-Removable Mounting Plate	Black	Nickel Plated Zamak

* NON-STOCK ITEM - SEE PAGE E132 FOR MOUNTING PLATE DETAILS

SPECIFICATIONS

FINISH: BLACK MATTE FINISH

TOE ADJUSTMENT: LEGS ARE 6" (152mm) IN HEIGHT AND PROVIDE 3/4" (19mm) ADJUSTMENT

STATIC LOAD RATING: 2,000 lbs (900kg) PER LEG



ZINC DIE CAST EQUIPMENT LEGS

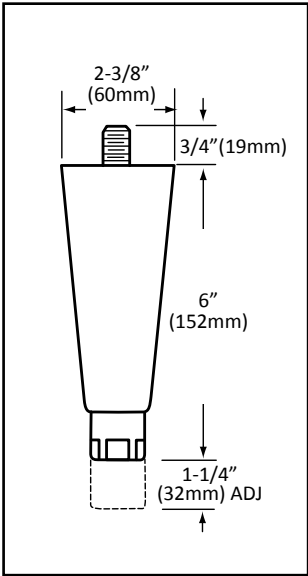
ECONOLINE EQUIPMENT LEGS DIE CAST ZAMAK

- THREADED STEEL STUD OR REMOVABLE MOUNTING PLATE PROVIDED FOR EASY MOUNTING OF LEGS TO EQUIPMENT
 - FOOT INSERTS ARE HEX SHAPED TO PERMIT QUICK HEIGHT ADJUSTMENT
- ALL LEGS MAY BE FURNISHED TO MEET SPECIFIC REQUIREMENTS WITH SPECIAL STUDS AND/OR MOUNTING PLATES
- LEGS MAY BE FURNISHED PACKAGED IN SETS OF FOUR WITH CUSTOMER’S PART NUMBER AS AN OPTION FOR KD SHIPPING



Available in finishes of...

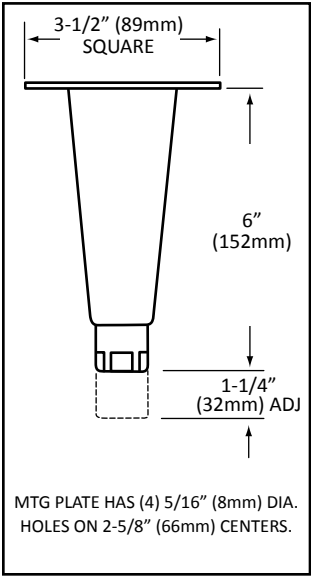
- NICKEL, BLACK EPOXY, GRAY EPOXY
- DURABLE, CHIP-RESISTANT FINISH
- REMOVABLE MOUNTING PLATE or PROTRUDING STUD
- WRENCH FLATS ON TOE FOR EASY ADJUSTMENT



ECONOLINE DIE CAST EQUIPMENT LEGS

MODEL NO.	MOUNTING TYPE	LEG FINISH	FOOT TYPE
AE61-2003-C*	Furnished With	Black Epoxy	Hex
AE61-4002-C	1/2-13	Nickel	Hex
AE61-5002-C	Protruding Stud	Nickel	S/S Hex
AE62-4002-C	Furnished With	Nickel	Hex
AE62-5002-C	5/8-11	Nickel	S/S Hex
AE63-2003-C	Furnished With	Black Epoxy	Hex
AE63-4002-C	1/2-13 Flush Stud W/	Nickel	Hex
AE63-5002-C	3-1/2" Square Removable	Nickel	S/S Hex
	Mounting Plate**		

* NON-STOCK ITEM - SEE PAGE E132 FOR MOUNTING PLATE DETAILS



SPECIFICATIONS

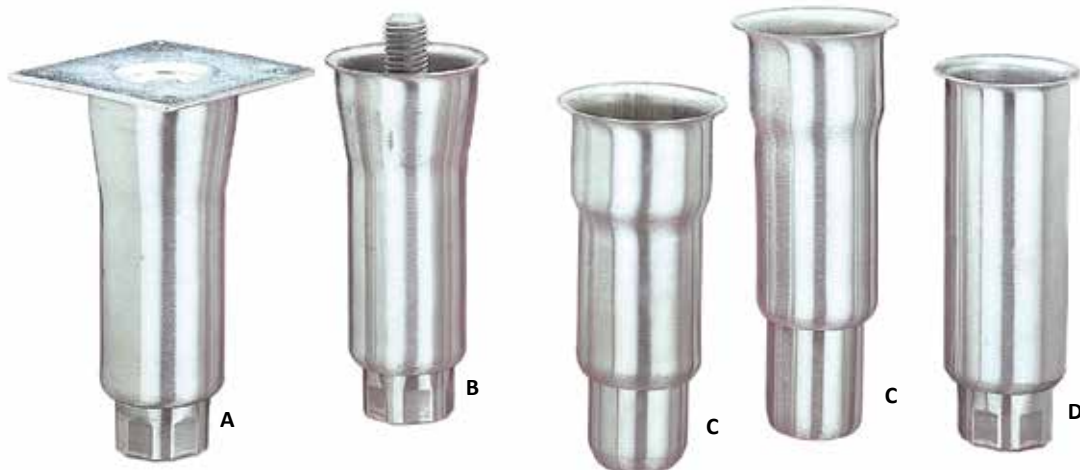
- MATERIAL:** DIE CAST ZAMAK CONSTRUCTION
- TOE ADJUSTMENT:** LEGS ARE 6" (152mm) IN HEIGHT AND PROVIDE 1-1/4" (32mm) ADJUSTMENT
- STATIC LOAD RATING:** 2000 lbs (900 kg) PER LEG



STAINLESS STEEL EQUIPMENT LEGS

HEAVY-DUTY STAINLESS STEEL EQUIPMENT LEGS

- THREADED STEEL STUD OR REMOVABLE MOUNTING PLATE PROVIDED FOR EASY MOUNTING OF LEGS TO EQUIPMENT
- ALL LEGS MAY BE FURNISHED TO MEET SPECIFIC REQUIREMENTS WITH SPECIAL STUDS AND /OR MOUNTING PLATES
- LEGS MAY BE FURNISHED PACKAGED IN SETS OF FOUR WITH CUSTOMER'S PART NUMBER FOR KD SHIPPING



HEAVY-DUTY STAINLESS STEEL 2" (51mm) O.D. EQUIPMENT LEGS

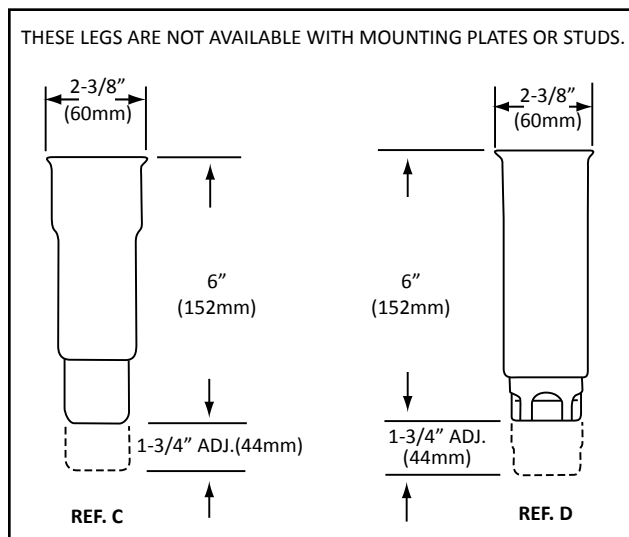
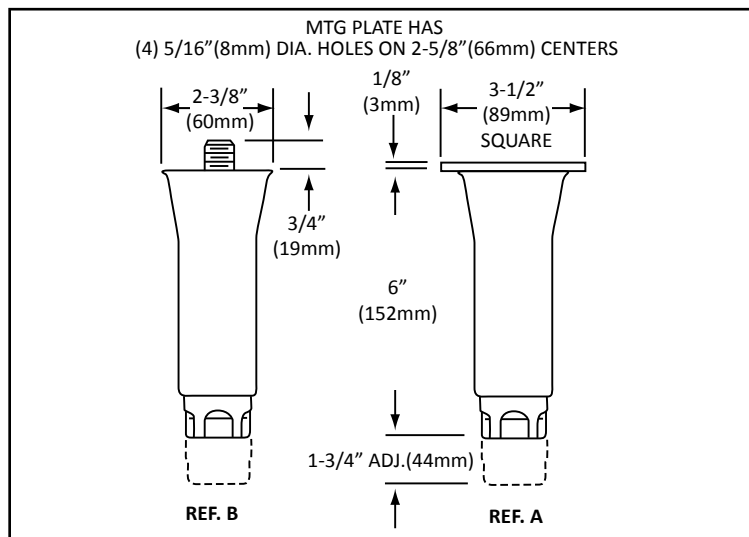
- TAPERED BODY with LARGE FLARED TOP
- REMOVABLE MOUNTING PLATE
- FLUSH or PROTRUDING MOUNTING STUD

REF.	MODEL NO.	DESCRIPTION	FOOT	HEIGHT	ADJ.
A	A77-5048-C	Furn. With Removable Mounting Plate	Hex	6" (152mm)	1-3/4" (44mm)
NOT SHOWN	A78-5048-C	Furn. With 3/4"-10 Flush Stud	Hex	6" (152mm)	1-3/4" (44mm)
B	A79-5048-C	Furn. With 3/4"-10 Protruding Stud	Hex	6" (152mm)	1-3/4" (44mm)

HEAVY-DUTY STAINLESS STEEL 2" (51mm) O.D. EQUIPMENT LEGS for WELDED APPLICATIONS

- STEPPED SHAPE or STRAIGHT SHAPE with LARGE 2-3/8" (60mm) DIA. FLARED TOP

REF.	MODEL NO.	DESCRIPTION	FOOT	HEIGHT	ADJ.
C	A72-0811	Stepped	Round	6" (152mm)	1-3/4" (44mm)
D	A52-9907-C	Straight	Hex	6" (152mm)	1-3/4" (44mm)



SPECIFICATIONS

MATERIAL: 2" (51mm) O.D. STAINLESS STEEL TUBING

FINISH: #4 FINISH

TOE ADJUSTMENT: LEGS ARE 6" (152mm) IN HEIGHT AND PROVIDE 1-3/4" (44mm) ADJUSTMENT

STATIC LOAD RATING: 2000 lbs (900 kg) PER LEG



STAINLESS STEEL EQUIPMENT LEGS

HEAVY-DUTY STAINLESS STEEL EQUIPMENT LEGS

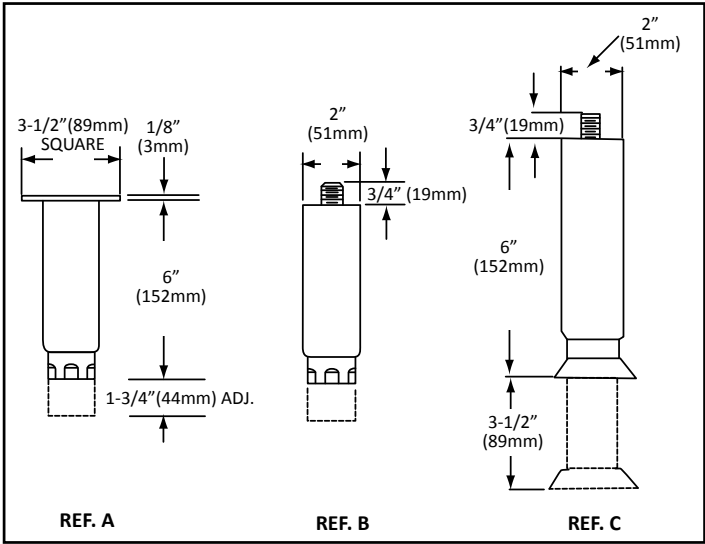
- THREADED STEEL STUD OR REMOVABLE MOUNTING PLATE PROVIDED FOR EASY MOUNTING OF LEGS TO EQUIPMENT
 - FOOT INSERTS ARE HEX SHAPED TO PERMIT QUICK HEIGHT ADJUSTMENT
- ALL LEGS MAY BE FURNISHED TO MEET SPECIFIC REQUIREMENTS WITH SPECIAL STUDS AND/OR MOUNTING PLATE
 - LEGS MAY BE FURNISHED PACKAGED IN SETS OF FOUR WITH CUSTOMER'S PART NUMBER FOR KD SHIPPING



HEAVY- DUTY STAINLESS STEEL
2" (51mm) O.D.
EQUIPMENT LEGS

REF.	MODEL NO.	DESCRIPTION	HEIGHT
A	A84-5048-C	W/ Removable Mounting Plate	6" (152mm)
B	A86-5048-C	W/ 3/4-10 Protruding Stud	6" (152mm)
C	A85-9706-C	W/ 5/8-11 Protruding Stud And Non-Marking Black Nylon Flanged Toe	6" (152mm)

MOUNTING PLATES HAVE (4) 5/16"(8mm) DIA. HOLES ON 2-5/8"(66mm) CENTERS.



SPECIFICATIONS

- MATERIAL:** 1-5/8" (41mm) AND 2" (51mm) O.D. STAINLESS STEEL TUBING
- FINISH:** #4 FINISH
- STATIC LOAD RATING:** 2000 lbs (900 kg) PER LEG



STAINLESS STEEL EQUIPMENT LEGS

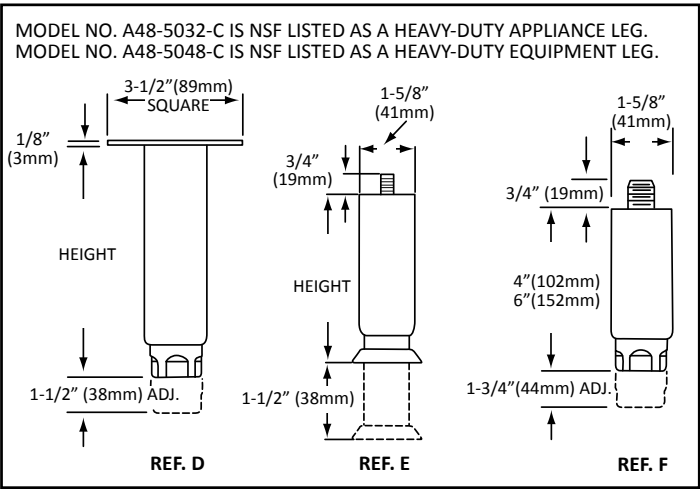
HEAVY-DUTY STAINLESS STEEL EQUIPMENT LEGS

- THREADED STEEL STUD OR REMOVABLE MOUNTING PLATE PROVIDED FOR EASY MOUNTING OF LEGS TO EQUIPMENT
 - FOOT INSERTS ARE HEX SHAPED TO PERMIT QUICK HEIGHT ADJUSTMENT
- ALL LEGS MAY BE FURNISHED TO MEET SPECIFIC REQUIREMENTS WITH SPECIAL STUDS AND/OR MOUNTING PLATE
 - LEGS MAY BE FURNISHED PACKAGED IN SETS OF FOUR WITH CUSTOMER’S PART NUMBER FOR KD SHIPPING



HEAVY- DUTY STAINLESS STEEL 1-5/8" (41mm) O.D. EQUIPMENT LEGS

REF.	MODEL NO.	DESCRIPTION	HEIGHT
A	A48-5032-C	W/ Removable Mounting Plate	4" (102mm)
	A48-5048-C	W/ Removable Mounting Plate	6" (152mm)
B	A50-9704-C	W/ 1/2-13 Protruding Stud & Non-Marking Black Nylon Flanged Toe	4" (102mm)
C	A50-5032-C	W/ 1/2-13 Protruding Stud	4" (102mm)
	A50-5048-C	W/ 1/2-13 Protruding Stud	6" (152mm)



SPECIFICATIONS

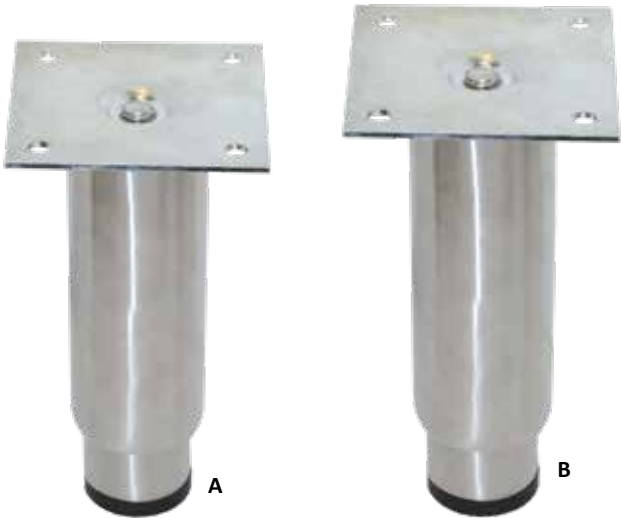
- MATERIAL:** 1-5/8" (41mm) AND 2" (51mm) O.D. STAINLESS STEEL TUBING
- FINISH:** #4 FINISH
- STATIC LOAD RATING:** 2000 lbs (900 kg) PER LEG



STAINLESS STEEL EQUIPMENT LEGS

HEAVY-DUTY STAINLESS STEEL EQUIPMENT LEGS

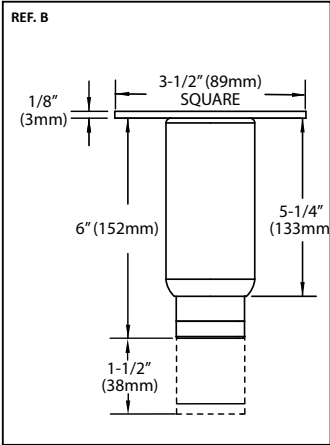
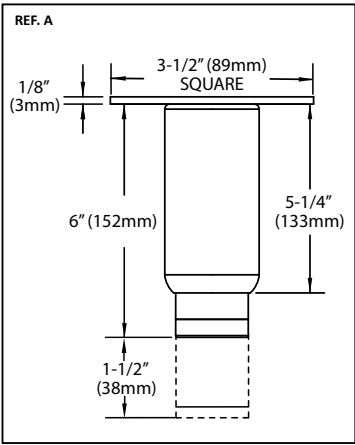
- 1-5/8" (41mm) AND 2" (51mm) DIAMETER MODELS AVAILABLE IN 6" (152mm) HEIGHT
 - SUPPLIED WITH 3-1/2" (89mm) SQUARE REMOVABLE MOUNTING PLATE
- BLACK THERMOPLASTIC GLIDE REDUCES SCRATCHING OF COUNTERTOPS AND PROVIDES A CONTEMPORARY LOOK
 - SATIN FINISH TO MATCH EQUIPMENT • 2000 lb (900 kg) STATIC LOAD RATING



HEAVY- DUTY STAINLESS STEEL 1-5/8" (41mm) AND 2" (51mm) O.D. EQUIPMENT LEGS

REF.	MODEL NO.	DESCRIPTION	HEIGHT	O.D.
A	AB48-5048-C	W/ Removable 3-1/2" Square Mounting Plate	6" (152mm)	1-5/8" (42mm)
B	AB84-5048-C	W/ Removable 3-1/2" Square Mounting Plate	6" (152mm)	2" (51mm)

SEE PAGE E132 FOR MOUNTING PLATE DETAILS



SPECIFICATIONS

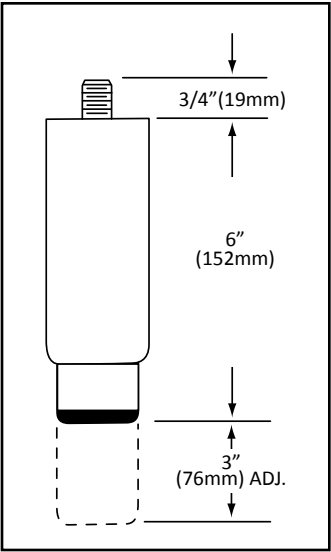
- MATERIAL:** 1-5/8" (41mm) AND 2" (51mm) O.D. STAINLESS STEEL TUBING
- FINISH:** SATIN FINISH
- STATIC LOAD RATING:** 2000 lbs (900 kg) PER LEG



STAINLESS STEEL EQUIPMENT LEGS

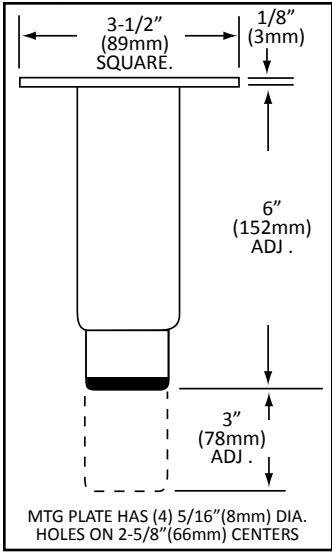
HEAVY-DUTY STAINLESS STEEL EQUIPMENT LEGS

- THREADED STEEL STUD, WELDED OR REMOVABLE MOUNTING PLATE PROVIDED FOR EASY MOUNTING OF LEGS TO EQUIPMENT
- ALL LEGS MAY BE FURNISHED TO MEET SPECIFIC REQUIREMENTS WITH SPECIAL STUDS AND/OR MOUNTING PLATES
- LEGS MAY BE FURNISHED PACKAGED IN SETS OF FOUR WITH CUSTOMER’S PART NUMBER FOR KD SHIPPING



HEAVY-DUTY STAINLESS STEEL 2" (51mm) O.D. EQUIPMENT LEGS WITH FULL 3" (76mm) ADJUSTMENT

- NON-MARKING BLACK NYLON TOE
available with...
- REMOVABLE MOUNTING PLATE
- WELDED MOUNTING PLATE
- PROTRUDING STUD



MODEL NO.	DESCRIPTION	HEIGHT
A92-8048-C	Furnished With Welded Mounting Plate	6" (152mm)
A93-8048-C	Furnished With Removable Mounting Plate	6" (152mm)
A95-8048-C	Furnished With 3/4-10 Protruding Stud	6" (152mm)

SPECIFICATIONS

MATERIAL: 2" (51mm) O.D. STAINLESS STEEL TUBING

FINISH: #4 SATIN FINISH

TOE ADJUSTMENT: LEGS ARE 6" (152mm) IN HEIGHT AND PROVIDE 3" (76mm) ADJUSTMENT

STATIC LOAD RATING: 2000 lbs (900 kg) PER LEG



S/S ONE PIECE LEG ASSEMBLIES WITH FULL 3" ADJUSTMENT



STAINLESS STEEL LEG ASSEMBLIES

1-5/8" (41mm) O.D.

STAINLESS STEEL LEG ASSEMBLIES

FULL 3" ADJUSTMENT FEATURE FOR STANDARD APPLICATIONS

- ECONOMICAL... ELIMINATES CUTTING, DEBURRING, POLISHING AND WASTE
- FULL 3" (76 mm) ADJUSTMENT • INDUSTRY STANDARD SIZES SHIPPED FROM STOCK
- EASILY CUT TO CUSTOM LENGTHS IN FABRICATOR'S SHOP • PERMITS KD SHIPMENT

- STANDARD PACKAGING 25 PER CARTON

- ALL LEGS MAY BE FURNISHED PACKAGED IN SETS OF FOUR.

IDENTIFIED WITH CUSTOMER PART NUMBER AS AN OPTION FOR KD SHIPPING.

MODELS WITH PLAIN TOP ADJUSTABLE ROUND TOE

MODEL NO.	LEG DIA.	LENGTH	TOE TYPE
A46-6048-C	1-5/8" (41mm)	6" (152mm)	Round
A46-6080-C	1-5/8" (41mm)	10" (254mm)	Round
A46-6160-C	1-5/8" (41mm)	20" (508mm)	Round
A46-6272-C	1-5/8" (41mm)	34" (864mm)	Round
A46-6288-C	1-5/8" (41mm)	36" (914mm)	Round

MODELS WITH PLAIN TOP AND 3-1/2" (89mm) DIA. FLANGED TOE WITH 2 MOUNTING HOLES*

MODEL NO.	LEG DIA.	LENGTH	TOE TYPE
A46-4048-C	1-5/8" (41mm)	6" (152mm)	3-1/2" (89mm) Dia. S/S Flange
A46-4080-C	1-5/8" (41mm)	10" (254mm)	3-1/2" (89mm) Dia. S/S Flange
A46-4160-C	1-5/8" (41mm)	20" (508mm)	3-1/2" (89mm) Dia. S/S Flange
A46-4272-C	1-5/8" (41mm)	34" (864mm)	3-1/2" (89mm) Dia. S/S Flange
A46-4288-C	1-5/8" (41mm)	36" (914mm)	3-1/2" (89mm) Dia. S/S Flange

***NOTE:** FLANGED FOOT MODELS HAVE 3-1/2" (89mm) O.D., 12 GA (2.6mm) STAINLESS STEEL FLANGE WITH A #4 SATIN FINISH, AND (2) 11/32" (9mm) DIA. MTG. HOLES SPACED 2-1/2" (64mm) O.C.

SPECIFICATIONS

MATERIAL: 1-5/8" (41mm) DIA., 16 ga (1.5mm) STAINLESS STEEL TUBING

FINISH: #4 SATIN FINISH

TOE ADJUSTMENT: 3" (76mm) MINIMUM

STATIC LOAD RATING: 2000 lbs (900 kg) PER LEG



CUSTOM STAINLESS STEEL LEG ASSEMBLIES



STAINLESS STEEL
1-5/8" (41mm) & 2" (51mm) O.D.

LEG ASSEMBLIES FOR CUSTOM APPLICATIONS

- ALL LENGTHS FROM 4" (102mm) to 36" (914mm)
- CHOOSE FROM ARRAY OF OPTIONAL TOPS AND ADJUSTABLE TOES
- PERMITS KD SHIPMENT

SPECIFICATIONS

MATERIAL: 16 ga (1.5 mm) STAINLESS STEEL TUBING

FINISH: #4 SATIN FINISH

TOE ADJUSTMENT: 1-1/2" (40mm) MINIMUM

MOUNTING PLATES: 11 ga (3mm) PLATED STEEL, 3-1/2" (89mm) SQUARE WITH (4) 5/16" (8mm) DIA. HOLES SPACED ON 2-5/8" (66mm) CENTERS

STATIC LOAD RATING: 2,000 lbs PER LEG

NON-STOCK ITEMS... CALL FOR LEAD TIME
STANDARD PACKAGING...25 PER CARTON

ALL LEGS MAY BE FURNISHED PACKAGED IN SETS OF FOUR, IDENTIFIED WITH CUSTOMER PART NUMBER, ETC.

LEG ASSEMBLIES FOR CUSTOM APPLICATION

ORDERING INFORMATION FOR 1-5/8" (41mm) & 2" (51mm) O.D. LEG ASSEMBLIES						
FOR 1-5/8" (41 mm) O.D. LEG ASSEMBLIES USE PREFIX...A46 THRU A50 (SHOWN SHADED PURPLE ON CHART). FOR 2" (51 mm) O.D. LEG ASSEMBLIES USE PREFIX...A52 THRU A56.						
		CUSTOM LEG TOPS AVAILABLE				
		PLAIN	WELDED PLATE	REMOVABLE PLATE	FLUSH 1/2-13 STUD	PROTRUDING 1/2-13 STUD
OPTIONAL TOES AVAILABLE						
FLANGED NO HOLES		A46-3__	A47-3__	A48-3__	A49-3__	A50-3__
		A52-3__	A53-3__	A54-3__	A55-3__	A56-3__
FLANGED WITH HOLES		A46-4__	A47-4__	A48-4__	A49-4__	A50-4__
		A52-4__	A53-4__	A54-4__	A55-4__	A56-4__
S/S/ HEX		A46-5__	A47-5__	A48-5__	A49-5__	A50-5__
		A52-5__	A53-5__	A54-5__	A55-5__	A56-5__
S/S ROUND		A46-6__	A47-6__	A48-6__	A49-6__	A50-6__
		ROUND FOOT INSERTS NOT AVAILABLE FOR 2" (51mm) DIA. LEG ASSEMBLIES				

TO ORDER: SIMPLY SPECIFY LEG TOP AND ADJUSTABLE TOE DESIRED TOGETHER WITH THE LENGTH IN INCHES REQUIRED.

EXAMPLE: 1-5/8" (41mm) O.D. WITH PLAIN TOP...SPECIFY A46 NYLON TIP...SPECIFY -2 24" (610mm) LENGTH...SPECIFY 24" (610mm).
THE PART NUMBERS IN THE CHART PROVIDE BLANKS TO ACCOMMODATE ANY LENGTH OF LEG BETWEEN 4" (102mm) AND 36" (914mm) IN 1/8" (3mm) INCREMENTS. COMPONENT HARDWARE WILL USE THESE BLANKS TO CONVERT YOUR INDIVIDUAL DESIGN AND LENGTH REQUIREMENT INTO ITS OWN PART NUMBER.



APPLIANCE LEGS

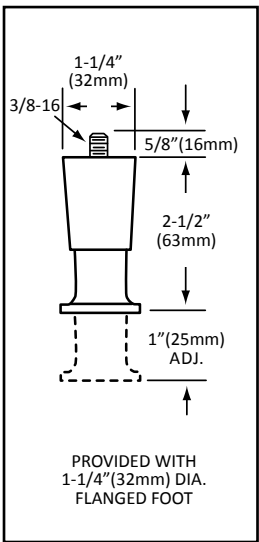


2-1/2" (63mm) HIGH ECONOMY SERIES APPLIANCE LEGS

- DIE CAST ZAMAK with NICKEL PLATED POLISHED FINISH
 - FLANGE FOOT
- 2000 lbs (900 kg) STATIC LOAD CAPACITY PER LEG

**MODEL NO.
AE60-1453**

OPTIONAL NON-SKID FOOT PADS AVAILABLE
SPECIFY - MODEL NO. AE60-X010 FOR GREY SILICONE

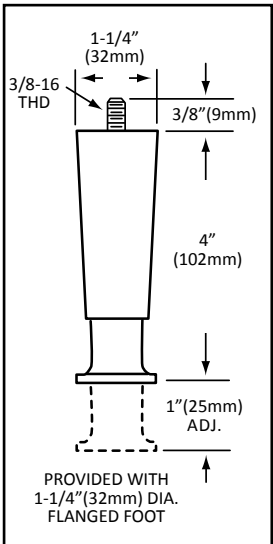


4" (102mm) HIGH ECONOMY SERIES APPLIANCE LEGS

- DIE CAST ZAMAK with NICKEL PLATED MATTE FINISH
 - FLANGE FOOT
- 2000 lbs (900 kg) STATIC LOAD CAPACITY PER LEG

**MODEL NO.
AE60-1653**

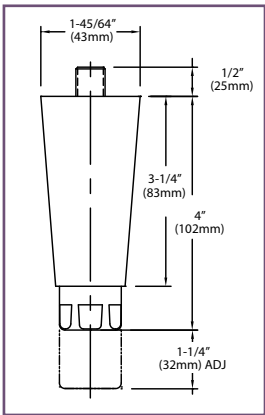
OPTIONAL NON-SKID FOOT PADS AVAILABLE
SPECIFY - MODEL NO. AE60-X010 FOR GREY SILICONE



4" (102mm) HIGH EQUIPMENT LEG

- NICKEL PLATED ZAMAK • 1-1/4" (32mm) ADJUSTMENT
 - 1/2-13 x 1/2" MOUNTING STUD
 - HEX TOE FOR EASY FIELD ADJUSTMENT
 - SATIN FINISH
- STATIC LOAD CAPACITY 2000 lbs

MODEL NO.	FINISH	FOOT TYPE
AE41-4002-C	Satin Nickel	Hex



APPLIANCE LEGS



APPLIANCE LEGS

4" (102mm) HIGH APPLIANCE LEGS

- THERMOPLASTIC
BLACK, GRAY or CHROME PLATED

STATIC LOAD CAPACITY 200 lbs

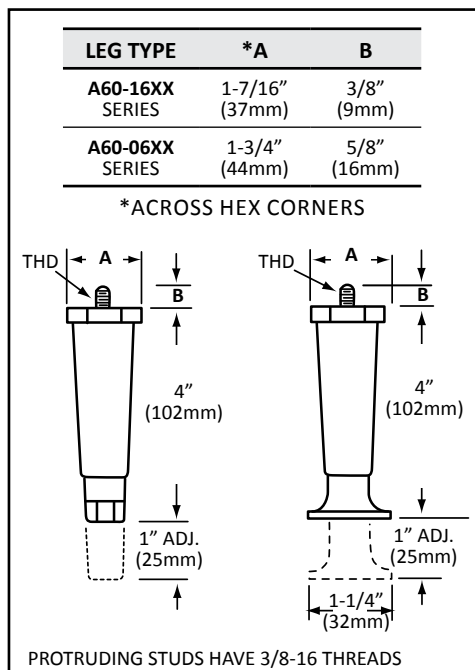
REF.	MODEL NO.	FINISH	FOOT TYPE
A	A60-0631	Black	Hex
B	A60-0641	Gray	Dia
C	A60-0623	Chrome	Flange
D	A60-0633	Black	Flange

4" (102mm) HIGH APPLIANCE LEGS

- DIE CAST METAL with SATIN NICKEL FINISH

STATIC LOAD CAPACITY 250 lbs

REF.	MODEL NO.	FINISH	FOOT TYPE	STEM SIZE
E	A60-1651	Satin Nickel	Hex	3/8-16 x 5/8"L
F	A60-1653	Satin Nickel	Flange	3/8-16 x 5/8"L
F	A60-1653-SP1	Satin Nickel	Flange	1/4-20 x 3/8"L
F	A60-1653-SP2	Satin Nickel	Flange	5/16-18 x 1"L
F	A60-1653-SP3	Satin Nickel	Flange	5/16-18 x 1/2"L
F	A60-1653-SP4	Satin Nickel	Flange	5/16-18 x 5/8"L

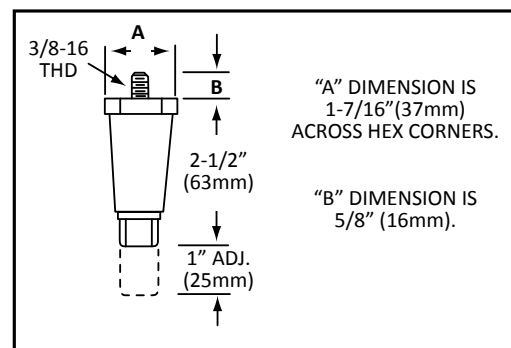


2-1/2" (63mm) HIGH APPLIANCE LEGS

- THERMOPLASTIC BLACK or GRAY

STATIC LOAD CAPACITY 200 lbs

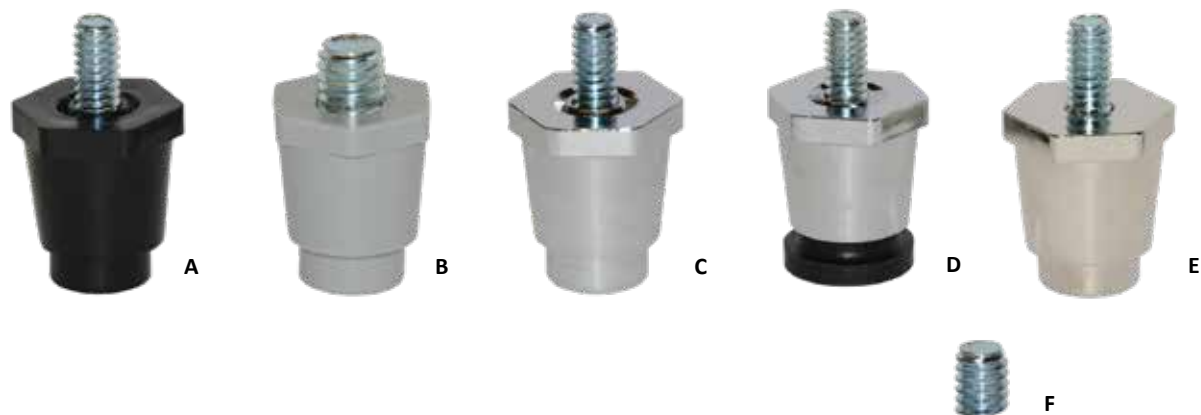
REF.	MODEL NO.	FINISH	FOOT TYPE
G	A60-0431	Black	Hex
H	A60-0441	Gray	Hex



OPTIONAL NON-SKID PADS AVAILABLE: FOR A60 SERIES HEX TOE - SPECIFY MODEL NO. A60-X003
FOR A60 SERIES FLANGED TOE - SPECIFY MODEL NO. A60-X001



APPLIANCE LEGS



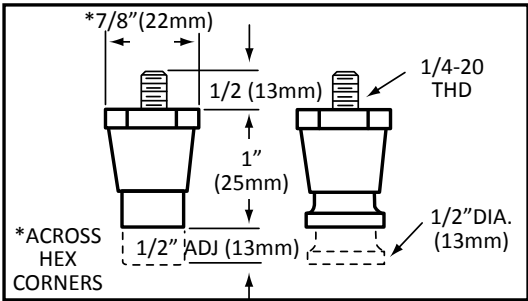
APPLIANCE LEGS

1" (25mm) HIGH THERMOPLASTIC APPLIANCE LEGS

STATIC LOAD CAPACITY 100 lbs

REF.	MODEL NO.	FINISH	FOOT TYPE
A	A60-2205	Black	Round
B	A60-2210*	Gray	Round
C	A60-2305	Chrome	Round
D	A60-2405	Chrome	Black Rubber Flange

*FURNISHED WITH 3/8 - 16



REF. E

1" (25mm) HIGH ZAMAK APPLIANCE LEG

• HEAT RESISTANT

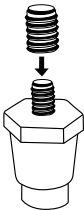
STATIC LOAD CAPACITY 100 lbs

MODEL NO.	FINISH	FOOT TYPE
A60-2105	Chrome	Round

REF. F

THREAD CONVERTER
EASILY SCREWS ON EXISTING
APPLIANCE LEG TO CONVERT
1/4-20 PROTRUDING STUD THREAD
TO A 3/8-16 THREAD

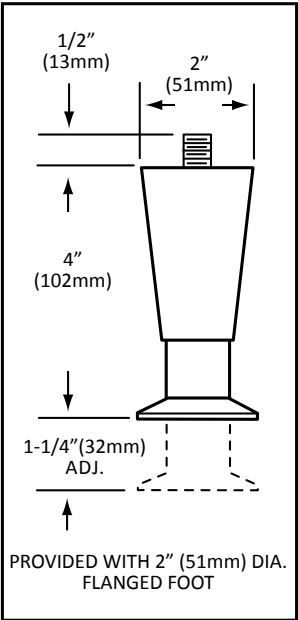
MODEL NO. A60-1438





4" (102mm) HIGH
HEAVY DUTY APPLIANCE LEGS

- DESIGNED FOR LARGE COUNTERTOP APPLIANCES
- DIE CAST ZAMAK ADJUSTABLE FLANGE FOOT • OPTIONAL NON-SKID FOOT PADS AVAILABLE
- ROUGH, RUGGED THERMOPLASTIC BODY WITH STEEL STUD
- WRENCH FLATS FOR EASY INSTALLATION AND ADJUSTMENT • CHOICE OF BLACK OR NICKEL PLATED MATTE FINISHES
- 2000 lbs (900 kg) STATIC LOAD CAPACITY PER LEG



MODEL NO.	MOUNTING STUD	DESCRIPTION
A70-1000	1/2-13 Protruding	Matte Black Thermoplastic Body With Matte Nickel Plated Zamak Flanged Foot
A70-1010	1/2-13 Flush	
A70-1020	3/8-16 Protruding	
A70-1010-M	M12 Flush	Matte Black Thermoplastic Body With Matte Nickel Plated Zamak Flanged Foot with Black Nylon Glide
A70-1020-GL	3/8-16 Protruding	
A70-2000	1/2-13 Protruding	
A70-2010	1/2-13 Flush	Matte Nickel Plated Thermoplastic Body With Matte Nickel Plated Zamak Flanged Foot
A70-2020	3/8-16 Protruding	
A70-2010-M	M12 Flush	
A71-1020	3/8-16 Protruding	Hi-Temp Thermoplastic Rated To 300°f Constant, 350°f Intermittent

NOTE: OPTIONAL NON-SKID NEOPRENE FOOT PADS AVAILABLE
SPECIFY MODEL NO. A70-X011 WHEN ORDERING

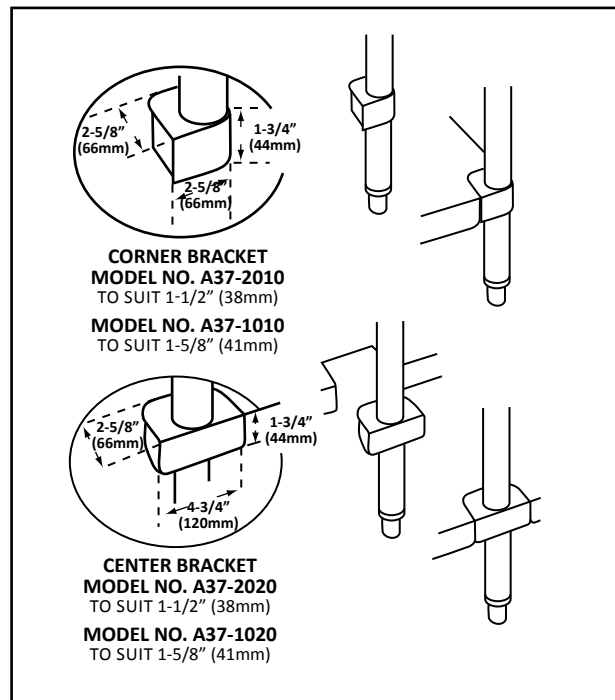


LEG ACCESSORIES



QUICK CORNER™ BRACKETS FOR ADJUSTABLE UNDERSHELVES FOR 1-1/2" (38mm) O.D. LEGS and 1-5/8" (41mm) O.D. LEGS

QUICK CORNER BRACKETS are pre-finished die cast aluminum components. They are easily fastened to pre-notched sheet metal undershelves to provide strong, secure, rigid undershelf support assemblies. Adjusting screws are provided for setting the undershelf to any desired height. Welding, grinding and polishing is eliminated and knock-down shipping is facilitated. Corner and center brackets are designed for either 1-1/2" (38mm) or 1-5/8" (41mm), O.D. tubing. Notching diagrams are provided with installation instructions.



NSF STANDARDS GOVERNING THE USE OF SET SCREWS IN NON-FOOD ZONES REQUIRES THE PLUGGING OF THE HEX SOCKET HOLE AFTER FINAL ASSEMBLY AND TIGHTENING. THIS MAY BE ACCOMPLISHED BY APPLYING A HARDENING TYPE SILICONE SEALANT OR THE USE OF A HOLE PLUG.

REMOVABLE MOUNTING PLATES

- 11 ga (3mm) ZINC PLATED STEEL

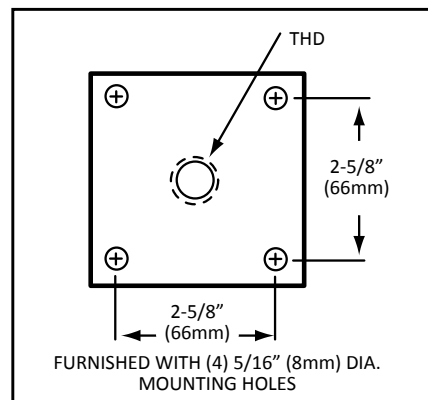
SQUARE MOUNTING PLATES

3-1/2" x 3-1/2"
(89mm x 89mm)

MODEL NO. A44-X301-C
(1/2-13 TH'D)

MODEL NO. A44-X309-C
(5/8-11 TH'D)

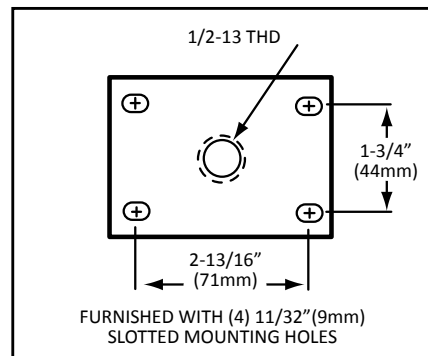
MODEL NO. A44-X341-C
(3/4-10 TH'D)



RECTANGULAR MOUNTING PLATES

2-1/2" x 3-5/8"
(63mm x 92mm)

MODEL NO. A44-X327-C



LEG ACCESSORIES



CROSS BRACE FITTINGS

**FOR 1-1/2" (38mm) O.D. LEGS
and 1-5/8" (41mm) O.D. LEGS**

Designed to mate 1-1/2" (38mm) and 1-5/8" (41mm) O.D. vertical legs with 1-1/4" (32mm) O.D. horizontal cross rails. These die cast aluminum or stainless steel (-SS) cross brace fittings eliminate notching, welding and polishing. Permits knock down shipping to reduce freight costs. Furnished with locking set screws for secure finished assembly.

**END
CROSS BRACE FITTING**
MODEL NO. A35-2020
TO SUIT 1-1/2" (38mm)
VERTICAL LEGS

MODEL NO. A35-1020
MODEL NO. A35-1020-SS
TO SUIT 1-5/8" (41mm)
VERTICAL LEGS

**CORNER
CROSS BRACE FITTING**
MODEL NO. A35-2010
TO SUIT 1-1/2" (38mm)
VERTICAL LEGS

MODEL NO. A35-1010
MODEL NO. A35-1010-SS
TO SUIT 1-5/8" (41mm)
VERTICAL LEGS

**CENTER
CROSS BRACE FITTING**
MODEL NO. A35-2030
TO SUIT 1-1/2" (38mm)
VERTICAL LEGS

MODEL NO. A35-1030
TO SUIT 1-5/8" (41mm)
VERTICAL LEGS

**CENTER
CROSS BRACE FITTING**
MODEL NO. A35-1025-SS
TO SUIT 1-5/8" (41mm)
VERTICAL LEGS

NSF STANDARDS GOVERNING THE USE OF SET SCREWS IN NON-FOOD ZONES REQUIRES THE PLUGGING OF THE HEX SOCKET HOLE AFTER FINAL ASSEMBLY AND TIGHTENING. THIS MAY BE ACCOMPLISHED BY APPLYING A HARDENING TYPE SILICONE SEALANT OR THE USE OF A HOLE PLUG. STANDARD NSF TYPE PUSH-IN PLASTIC HOLE PLUGS ARE AVAILABLE. **SPECIFY A10-0020 WHEN ORDERING.**

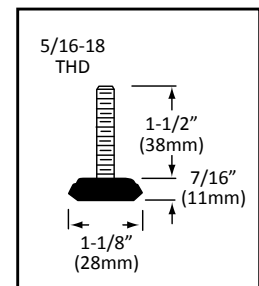
ADJUSTABLE FOOT LEVELERS

• NON-MARKING



**MODEL NO.
A60-2724**

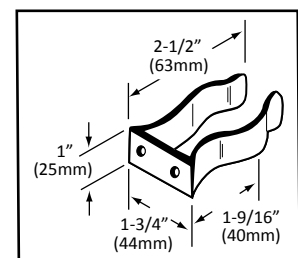
500lbs load capacity per glide



KICK PLATE SPRING CLAMP

MODEL NO. A76-4460

• FITS ON 1-1/4" PIPE, 1-5/8" (41mm) and 2" (51mm) O.D. TUBING • ZINC PLATED STEEL



INSTITUTIONAL CASTERS



Bumper Components

Plate Casters • Stem Casters
Expanding Fastener Casters
Rigid Casters • Brake Models
Universal Mounting Plate Models

F

CASTER TERMINOLOGY & SELECTION	F135	STANDARD DUTY PLATE CASTERS	F146
AVAILABLE WHEELS	F136	STANDARD DUTY STEM CASTERS	F147
CASTER SPECIALTIES & ACCESSORIES	F137	MEDIUM DUTY PLATE CASTERS	F148
REGAIL RIDE™ CASTER PACKS	F138-F139	MEDIUM DUTY STEM CASTERS	F149
REGAIL RIDE™ MEDIUM DUTY SWIVEL PLATE CASTERS	F140	STAINLESS STEEL CASTERS	F150
REGAIL RIDE™ RIGID, SWIVEL PLATED AND THREADED CASTERS	F141	THREADED STEM AND PLATE CASTERS	F151
UNIVERSAL MOUNTING PLATE & 3-1/2" CASTERS	F142	ADJUSTABLE CASTER LEG ASSEMBLIES	F152
REGAIL RIDE™ MEDIUM DUTY THREADED STEM CASTERS	F143	MOBILE EQUIPMENT ACCESSORIES	F153-F154
REGAIL RIDE™ MEDIUM DUTY SWIVEL EXPANDING STEM CASTERS	F144-F145	MOUNTING PLATE HOLE PATTERN CONFIGURATOR	F155-F157
		CASTER CONFIGURATOR	F157



CASTER TERMINOLOGY & SELECTION

CASTER TERMINOLOGY

LOAD (OVERALL) HEIGHT

The vertical distance between the floor and mounting point of the equipment.

OFFSET or LEAD

The horizontal distance between vertical center lines thru the king pin and wheel center.

SWIVEL RADIUS

The horizontal distance from the vertical center line of the king pin to the outside edge of the wheel tread. This dimension specifies the minimum distance required for the caster to swivel 360 degrees when mounted.

STEM CASTER versus PLATE CASTER

Stem casters are either threaded for mounting to a tapped mounting plate or designed with a rubber expanding applicator for mounting the caster to tubing. The construction of the applicator is designed to provide maximum compression against the inside of the tubing thus ensuring a securely assembled caster.

Plate casters are provided with a plate pre-drilled with bolt mounting holes.

RIGID CASTERS

Plate models available from stock. Other styles available on application.

BRAKE and NON-BRAKE CASTERS

Standard brake is on the side of the wheel. "Top Lock" brakes are activated by a foot pedal on the top of the wheel and lock only the wheel. "Total Lock" brakes also activated by a foot pedal on the top of the wheel but lock the wheel and prevent the wheel from swiveling.

WHEEL BEARINGS

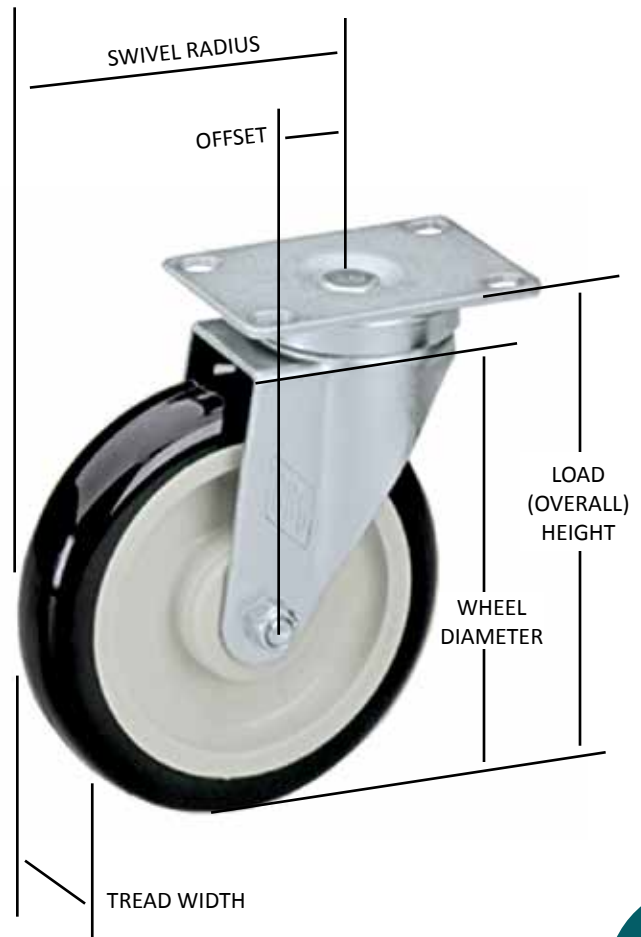
Wheel bearings may be either sintered or ball bearing types.

SINTERED

A powdered metal, oil impregnated straight bearing that is self-lubricating, long lasting and impervious to heat and cold.

BALL BEARING

A flanged, permanently lubricated bearing, pressed in on each side of the wheel hub.



NATIONAL SANITATION FOUNDATION

ALL CASTERS SHOWN IN THIS CATALOG BEARING THE NSF SEAL MEET THE REQUIRED CONSTRUCTION STANDARDS AND ARE LISTED UNDER FOOD SERVICE EQUIPMENT CRITERIA C2

CASTER SELECTION

LOAD WEIGHT

The heavier the load, the larger the wheel required for the caster. The weight of the load also influences the mobility of the wheel. Weight requirements per caster may be specified as:

Light Duty: 0-80 lbs (0-35 kg) Standard Duty: 100-200 lbs (45-90 kg)
Medium Duty: 200-300 lbs (90-135 kg) Heavy Duty: 300-500 lbs (135-225 kg)
Extra Heavy Duty: 500 lbs+ (225 kg+)

FLOOR CONDITIONS

The correct diameter of caster wheel is one that is large enough to pass over floor cracks and other similar obstacles. In choosing the correct caster, consideration must be given to the type of floor such as ceramic, tile, vinyl, brick or cement. Surface conditions are affected by grease, detergent, and heat. Autoclave requirements also bear on the choice of caster.



WHEELS AVAILABLE FROM STOCK AND ON SPECIAL APPLICATION

WHEELS AVAILABLE FROM STOCK

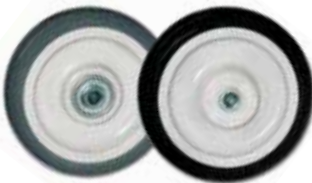
Institutional caster wheels are offered in a large variety of types, treads, materials and sizes. The type and size of wheels chosen depends on several considerations.

1. The total overall weight of the load
2. The floor surface and conditions
3. Unusual environmental conditions such as moisture, extreme heat or cold
4. Exposure to chemicals, salt, oil, blood, fats, etc
5. Shock loading and other physical impacts
6. Noise



POLYOLEFIN WHEELS

Very economical, solid polyolefin wheels are also lightweight, hard and easy rolling. Made from durable thermoplastic, these wheels generally require no bearings and are ideal for use in corrosive conditions which can cause continual, costly, bearing replacement. Polyolefin material resists most oils, grease, solvents, acids and other chemicals. Temperature range is -20°F to 180°F (-29°C to 82°C).



POLYURETHANE WHEELS

Polyurethane wheels are manufactured with a precision molded polyurethane tire mechanically locked to a polyolefin core. They are chemical and corrosion resistant. Virtually indestructible, polyurethane wheels are at the same time economical and smart in appearance. Temperature range is -30°F to 180°F (-34°C to 82°C).



SOLID RUBBER WHEELS

All solid rubber wheels are molded of top quality rubber compounds and are non-marking. Maximum rolling efficiency and longer trouble free service are features. Temperature range is -30°F to 160°F (-34°C to 71°C).

WHEEL APPLICATION GUIDE

	CAPACITY (LBS/WHEEL)	TEMPERATURE RANGE (F)	SHORE HARDNESS
SOLID SOFT RUBBER	150-500	-30 TO + 180	95+/- 5
SOLID HARD RUBBER	150-500	-30 TO + 180	95+/- 5
POLY-LOC GRAY OR BLUE	150-500	-30 TO + 180	95+/- 5
POLYOLEFIN	100-500	-20 TO + 190	65 +/- 5
PHENOLIC	100-500	-45 TO + 250	65 +/- 5
PHENOLIC HI-TEMP	100-500	-45 TO + 450	65 +/- 5

WHEELS AVAILABLE ON SPECIAL APPLICATION



HIGH MODULUS WHEELS

High Modulus E-Z Rider Wheels offer extreme resiliency and mobility. These shock and noise reducing wheels are ideal for smooth, quiet ride on rough or uneven floors. They are also non-marking and durable to withstand frequent washing cycles. E-Z Riders are especially suited for hospital applications. Temperature range is -20°F to 160°F (-29°C to 71°C).



PHENOLIC WHEELS

Phenolic Wheels are compression molded phenolic resin, filled with macerated canvas. They are hard tread wheels with high load capacity and are heat resistant and unaffected by most oils and other chemicals. They roll easily and more quietly than steel or cast iron, providing greater floor protection. Phenolic Wheels are ideal for material handling applications. Temperature range is -45°F to 250°F (-43°C to 121°C).



SOLID RUBBER WHEELS

All solid rubber wheels are molded of top quality rubber compounds and are non-marking. Maximum rolling efficiency and longer trouble free service are features. Temperature range is -30°F to 160°F (-34°C to 71°C).



HIGH TEMPERATURE PHENOLIC WHEELS

In addition to all of the features of the Phenolic Wheels, High Temperature Phenolic Wheels offer a special HIGH TEMPERATURE OPERATING RANGE OF -45°F to 450°F (-43°C to 230°C). This unique feature is especially important in applications such as roll-in baking ovens.



CASTER SPECIALTIES & ACCESSORIES

CASTER SPECIALTIES AND ACCESSORIES

THE FOLLOWING CASTER SPECIALTIES AND ACCESSORIES ILLUSTRATED ARE REPRESENTATIVE OF THE RANGE OF SPECIALTY CASTER DESIGNS AVAILABLE. TECHNICAL ASSISTANCE IS AVAILABLE FOR SPECIAL REQUIREMENTS.



THREADED STEM CASTERS

COMPLEMENTING THE STOCK CASTERS FEATURED IN THIS CATALOG IS A WIDE RANGE OF THREADED STEM CASTERS AVAILABLE TO ACCOMMODATE SPECIAL REQUIREMENTS. AMONG THE THREADED STEMS MOST COMMONLY USED AND AVAILABLE ARE:

1/2-13 x 3/4" (19 mm) 1/2-13 x 1" (25 mm) 5/8-11 x 1-3/4" (44 mm)
5/8-18 x 1-3/4" (44 mm) 3/4-10 x 1-3/4" (44 mm)



STEMS FOR SPECIAL APPLICATIONS

COMPONENT HARDWARE GROUP ALSO OFFERS A VARIETY OF SPECIALTY STEM CASTERS INCLUDING THOSE WITH STEMS DESIGNED WITH DRILLED HOLES AND SPRING RINGS. ALSO OFFERED ARE SQUARE, HEXAGONAL OR OCTAGONAL SHAPED STEMS.



ZERK GREASE FITTINGS AND SEALS

ZERK GREASE FITTINGS AND SEALS ARE RECOMMENDED WHEN IT IS IMPORTANT TO MAINTAIN GOOD CASTER LUBRICATION FOR EASIER CASTER SWIVELING AND LONGER BEARING LIFE. ZERK GREASE FITTINGS PROVIDE A CONVENIENT METHOD OF LUBRICATION. THE SEALS EFFECTIVELY RETAIN THE LUBRICANT WHILE PREVENTING DIRT OR MOISTURE FROM ENTERING THE LUBRICATED AREAS. SEALS ARE EFFECTIVE TOO, WHERE EQUIPMENT IS EXPOSED TO FREQUENT WASHINGS OR STERILIZATION CYCLES. SEALS USED AT THE SWIVEL OR AXLE BEARING, OFFER HIGH RESISTANCE TO GREASE, OILS, CHEMICALS AND DETERGENTS.



MOUNTING PLATES

IN ADDITION TO THE STOCK MOUNTING PLATES SHOWN IN THIS CATALOG, ADDITIONAL SIZES ARE OFFERED TO MATCH A WIDE VARIETY OF BOLT HOLE PATTERNS CURRENTLY USED BY MOST CASTER MANUFACTURERS.



TOP LOCK CASTER

- SOLD SEPARATELY OR AS PART OF OUR FINISHED CASTER
 - STAINLESS STEEL CONSTRUCTION
 - LARGE ON/OFF PEDAL FOR EASY OPERATION
- FORM-FITTING TEETH LOCK THE LOWER RACE FOR FULL STRENGTH ENGAGEMENT.
- SIMPLE AND EFFECTIVE WITH QUICK ENGAGEMENT AND RELEASE

TOP LOCK CAN BE RETROFITTED TO MOST POPULAR CASTERS USING KITS.

TOP LOCK BRAKE KIT - MODEL NO. CTB-1500

AVAILABLE FOR ALL TYPES OF REGAL RIDE™ 5" CASTERS

BRAKE MECHANISM:

"TOP LOCK" BRAKE -

PRESS THE BRAKE PEDAL AND LOCK THE WHEEL.



REGAL RIDE CASTER PACKS



MODEL NO.	DUTY	MOUNTING STYLE	CASTERS	WHEEL DIA.	WHEEL TYPE	PACK
CSTPK-1PUP-4B	Medium	3-1/2" X 3-1/2" Universal Plate, Low Profile	N/A	1"	Black Polyolefin	With Brake, 4 Pack
CSTPK-2PUP-4B	Medium	3-1/2" X 3-1/2" Universal Plate, Low Profile	N/A	2"	Black Polyolefin	With Brake, 4 Pack
CSTPK-2PUTS-B	Medium	1/2"-13 x 1 Threaded Stem	N/A	2"	Blue Polyolefin	With Brake, 4 Pack
CSTPK-3BTS	Medium	1/2" - 13 x 1-1/2" Threaded Stem	(2) CMT1-3BBN (2) CMT1-3BPN	3"	Black Polyolefin	2 Brake/2 Non Brake
CSTPK-3BTS-7B	Medium	1/2" - 13 x 3/4" Threaded Stem	(4) CMT4-3BBN	3"	Black Polyolefin	With Brake, 4 Pack
CSTPK-3BTS-B	Medium	1/2" - 13 x 1-1/2" Threaded Stem	(2) CMT1-3BBN (2) CMT1-3BPN	3"	Black Polyolefin	With Brake, 4 Pack
CSTPK-3PAL	Medium	3-1/2" x 3-1/2" Square Plate with Adjustable Stem	(4) C48-03185-C	3"	Black Polyolefin	4 Brake
CSTPK-3PAL-1	Medium	3-1/2" x 3-1/2" Square Plate with Adjustable Stem	(2) C47-0306-C (2) C47-0316-C	3"	Black Polyolefin	2 Brake/2 Non Brake
CSTPK-3PES	Medium	1-5/8" Expanding Stem	(2) CMS4-3BBN (2) CMS4-3BPN	3"	Black Polyolefin	2 Brake/2 Non Brake
CSTPK-3PRS	Medium	Spring Ring Stem For Shelving Posts	(2) C99-1030 (2) C99-1031	3"	Black Polyolefin	2 Brake/2 Non Brake
CSTPK-3PSP	Medium	2-3/8" x 3-5/8" Swivel Plate	(2) CMP1-3BBN (2) CMP1-3BPN	3"	Black Polyolefin	2 Brake/2 Non Brake
CSTPK-3PUES-3	Medium	1-1/2" Expanding Stem	(2) CMS3-3PBB (2) CMS3-3PPB	3"	Blue Polyurethane	2 Brake/2 Non Brake
CSTPK-3PUES-3B	Medium	1-1/2" Expanding Stem	(4) CMS3-3PBB	3"	Blue Polyurethane	With Brake, 4 Pack
CSTPK-3PUES-4	Medium	1-5/8" Expanding Stem	(2) CMS4-3PPB (2) CMS4-3PBB	3"	Blue Polyurethane	2 Brake/2 Non Brake
CSTPK-3PUES-4B	Medium	1-5/8" Expanding Stem	(4) CMS4-3PBB	3"	Blue Polyurethane	With Brake, 4 Pack
CSTPK-3PUUP-B	Medium	4" X 4" Universal Plate	N/A	3"	Blue Polyurethane	With Brake, 4 Pack
CSTPK-3PUUP-4B	Medium	3-1/2" X 3-1/2" Universal Plate	N/A	3"	Blue Polyurethane	With Brake, 4 Pack
CSTPK-35PBB	Medium	4" x 4-1/2" Swivel Plate	(2) CMP6-35PPB (2) CMP6-35PBB	3.5"	Blue Polyurethane	2 Brake/2 Non Brake
CSTPK-4PSP	Medium	2-3/8" X 3-5/8" Swivel Plate	(2) CMP1-4BPN (2) CMP1-4BBN	4"	Black Polyolefin	2 Brake/2 Non Brake
CSTPK-4PUTS-1B	Medium	1/2" - 13 X 1-1/2" Threaded Stem	(4) CMT4-4PBB	4"	Blue Polyurethane	With Brake, 4 Pack
CSTPK-4RES	Medium	1-5/8" Expanding Stem	(2) CMS4-4RPB (2) CMS4-4RBB	4"	Grey Polyurethane	2 Brake/2 Non Brake
CSTPK-5BTS	Medium	1/2" - 13 1-1/2" Threaded Stem	(2) CMT1-5BBN (2) CMT1-5BPN	5"	Black Polyolefin	2 Brake/2 Non Brake
CSTPK-5BUP	Medium	4" x 4" Universal Plate	(2) CMPU-5PBB (2) CMPU-5PPB	5"	Blue Polyurethane	2 Brake/2 Non Brake
CSTPK-5PES	Medium	1-5/8" Expanding Stem	(2) CMS4-5BBN (2) CMS4-5BPN	5"	Black Polyolefin	2 Brake/2 Non Brake
CSTPK-5PES-1	Medium	1" Expanding Stem	(2) CMS1-5BBN (2) CMS1-5BPN	5"	Black Polyolefin	2 Brake/2 Non Brake
CSTPK-5PES-2	Medium	1-1/4" Expanding Stem	(2) CMS2-5BBN (2) CMS2-5BPN	5"	Black Polyolefin	2 Brake/2 Non Brake
CSTPK-5PES-3	Medium	1-1/2" Expanding Stem	(2) CMS3-5BBN (2) CMS3-5BPN	5"	Black Polyolefin	2 Brake/2 Non Brake
CSTPK-5PES-4B-6	Medium	1-5/8" Expanding Stem	(6) CMS4-5PBB	5"	Black Polyolefin	With Brake, 6 Pack



REGAL RIDE CASTER PACKS



MODEL NO.	DUTY	MOUNTING STYLE	CASTERS	WHEEL DIA.	WHEEL TYPE	PACK
CSTPK-5PFC-B	Medium	Female Collar	N/A	5"	Blue Polyurethane	With Brake, 4 Pack
CSTPK-5PRS	Medium	Spring Ring Stem For Shelving Posts	(2) C99-1050 (2) C99-1051	5"	Black Polyolefin	2 Brake/2 Non Brake
CSTPK-5PRS-B	Medium	Spring Ring Stem For Shelving Posts	(4) C99-1051	5"	Black Polyolefin	With Brake, 4 Pack
CSTPK-5PRS-SP1	Medium	Spring Ring Stem For Shelving Posts with bumpers	(2) C99-1050 (2) C99-1051	5"	Black Polyolefin	2 Brake/2 Non Brake
CSTPK-5PSP	Medium	2-3/8" x 3-5/8" Swivel Plate	(2) CMP1-5BBN (2) CMP1-5BPN	5"	Black Polyolefin	2 Brake/2 Non Brake
CSTPK-5PTS	Medium	Threaded Stem	(2) CMT3-5BPN (2) CMT3-5BBN	5"	Black Polyolefin	2 Brake/2 Non Brake
CSTPK-5PUES-3B	Medium	1-1/2" Expanding Stem	(4) CMS3-5PBB	5"	Grey Polyurethane	With Brake, 4 Pack
CSTPK-5PUES-4B	Medium	1-5/8" Expanding Stem	(4) CMS4-5PBB	5"	Grey Polyurethane	With Brake, 4 Pack
CSTPK-5PUES-4B-6	Medium	1-5/8" Expanding Stem	(6) CMS4-5PBB	5"	Grey Polyurethane	With Brake, 6 Pack
CSTPK-5PUP	Medium	4" x 4" Universal Plate	(2) CMPU-5BPN (2) CMPU-5BBN	5"	Black Polyolefin	2 Brake/2 Non Brake
CSTPK-5PUP-4	Medium	3-1/2" x 3-1/2" Universal Plate	N/A	5"	Black Polyolefin	2 Brake/2 Non Brake
CSTPK-5PURS	Medium	1" Spring Ring Stem	(2) C99-3050 (2) C99-3051	5"	Grey Polyurethane	2 Brake/2 Non Brake
CSTPK-5PURS-B	Medium	1" Spring Ring Stem	(4) C99-3051	5"	Grey Polyurethane	With Brake, 4 Pack
CSTPK-5PUSP	Medium	2-3/8" x 3-5/8" Swivel Plate	(2) CMP1-5RPB (2) CMP1-5RBB	5"	Grey Polyurethane	2 Brake/2 Non Brake
CSTPK-5PUSP-B	Medium	2-3/8" x 3-5/8" Swivel Plate	(4) CMP1-5PBB	5"	Grey Polyurethane	With Brake, 4 Pack
CSTPK-5PUTS-1B	Medium	1/2" - 13 x 1-1/2" Threaded Stem	(4) CMT1-5PBB	5"	Blue Polyurethane	With Brake, 4 Pack
CSTPK-5PUTS-2B	Medium	5/8" - 11 x 1-1/2" Threaded Stem	(4) CMT5-5PBB	5"	Blue Polyurethane	With Brake, 4 Pack
CSTPK-5PUTS-3B	Medium	3/4" - 10 x 1" Threaded Stem	N/A	5"	Blue Polyurethane	With Brake, 4 Pack
CSTPK-5PUTS-4	Medium	1/2" - 13 x 1" Threaded Stem	(2) CMT4-5PPB (2) CMT4-5PBB	5"	Blue Polyurethane	2 Brake/2 Non Brake
CSTPK-5PUUP	Medium	3-1/2" x 3-1/2" Universal Plate	(2) CMP4U-5PPB (2) CMP4U-5PBB	5"	Blue Polyurethane	2 Brake/2 Non Brake
CSTPK-5PUUP-4B	Medium	3-1/2" x 3-1/2" Universal Plate	(4) CMP4-5PBB	5"	Blue Polyurethane	With Brake, 4 Pack
CSTPK-5PUUP-B	Medium	4" x 4" Universal Plate	(4) CMPU-5PBB	5"	Blue Polyurethane	With Brake, 4 Pack
CSTPK-5RES	Medium	1-5/8" Expanding Stem	(2) CMS4-5RBB (2) CMS4-5RPB	5"	Grey Polyurethane	2 Brake/2 Non Brake
CSTPK-5RES-3	Medium	1-1/2" Expanding Stem	(2) CMS3-5RBB (2) CMS3-5RPB	5"	Grey Polyurethane	2 Brake/2 Non Brake
CSTPK-5RSP	Medium	2-3/8" X 3-5/8" Swivel Plate	(2) CMP1-5RPB (2) CMP1-5RBB	5"	Grey Polyurethane	2 Brake/2 Non Brake
CSTPK-5RSP-T1	Medium	2-3/8" X 3-5/8" Swivel Plate	(2) CMP1-5RPB-B (2) CMP1-5RTB-B	5"	Grey Polyurethane	2 TopLock/2 Non
CSTPK-5RTS-1	Medium	1/2" - 13 1-1/2" Threaded Stem	(2) CMT1-5RBB (2) CMT1-5RPB	5"	Grey Polyurethane	2 Brake/2 Non Brake
CSTPK-5RUP	Medium	4" x 4" Universal Plate	(2) CMPU-5RBB (2) CMPU-5RPB	5"	Grey Polyurethane	2 Brake/2 Non Brake
CSTPK-6PBB	Medium	4" x 4-1/2" Swivel Plate	(2) CMP6-5PPB (2) CMP6-5PBB	6"	Blue Polyurethane	2 Brake/2 Non Brake

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REGAL RIDE™ MEDIUM DUTY SWIVEL PLATE CASTERS



MEDIUM DUTY SWIVEL PLATE CASTERS

- FULL 1-1/4" (32mm) TREAD WIDTH
- LOAD CAPACITY 250 lbs (110 kg) PER WHEEL
- CHOICE OF POLYOLEFIN OR POLYURETHANE WHEELS
- BRAKE AND NON-BRAKE MODELS
- PROVIDED WITH HEAVY 9 GAUGE (4mm) MOUNTING PLATE

MOUNTING PLATE SIZE:

2-3/8" x 3-5/8" (60mm x 92mm) WITH HOLE OPENINGS SPACED ON
1-3/4" x 3" (44mm x 76mm) CENTERS TO ACCEPT 1/4" OR 5/16" (6mm or 8mm) DIA. BOLTS
FOR PLATE HOLE PATTERN CONFIGURATION, REFER TO PG. B20-21.

MEDIUM DUTY SWIVEL PLATE CASTERS

CASTER CONFIGURATION DATA			BLACK POLYOLEFIN WHEELS LOAD CAPACITY: 250 lbs (110 kg)		BLACK RUBBER WHEELS LOAD CAPACITY: 200 lbs (90 kg) *250 lbs (110 kg)		GRAY POLYURETHANE WHEELS FURNISHED WITH BALL BEARINGS LOAD CAPACITY: 250 lbs (110 kg)		DARK BLUE POLYURETHANE WHEELS FURNISHED WITH BALL BEARINGS LOAD CAPACITY: 250 lbs (110 kg)	
WHEEL DIA.	LOAD HEIGHT	SWIVEL RADIUS	NON-BRAKE MODEL NO.	BRAKE MODEL NO.	NON-BRAKE MODEL NO.	BRAKE MODEL NO.	NON-BRAKE MODEL NO.	BRAKE MODEL NO.	NON-BRAKE MODEL NO.	BRAKE MODEL NO.
3" (76mm)	4" (102mm)	2-7/8" (73mm)	CMP1-3BPN	CMP1-3BBN	CMP1-3KPN	CMP1-3KBN	—	—	CMP1-3PPB	CMP1-3PBB
4" (102mm)	5" (127mm)	3-3/8" (86mm)	CMP1-4BPN	CMP1-4BBN	CMP1-4KPN	CMP1-4KBN	CMP1-4RPB	CMP1-4RBB	CMP1-4PPB	CMP1-4PBB
			CMP1-5BPN	CMP1-5BBN	CMP1-5KPN*	CMP1-5KBN*	CMP1-5RPB	CMP1-5RBB	CMP1-5PPB	CMP1-5PBB
5" (127mm)	6" (152mm)	4" (102mm)	—	—	—	—	CMP1-5RPB-B	—	—	—
			—	—	—	—	—	CMP1-5RBB-TB**	—	—

**Top Brake



REGAL RIDE™ MEDIUM DUTY RIGID PLATE, AND STANDARD DUTY PLATE CASTERS



MEDIUM DUTY RIGID PLATE CASTERS

- LOAD CAPACITY OF 250 lbs PER WHEEL
- FULL 1-1/4" (32mm) TREAD WIDTH • NON-BRAKE MODELS ONLY
- CHOICE OF POLYOLEFIN, POLYURETHANE OR RUBBER WHEELS

MOUNTING PLATE SIZE:*

2-3/8" x 3-5/8" (60mm x 92mm) WITH HOLE OPENINGS SPACED ON 1-3/4" x 3" (44mm x 76mm) CENTERS TO ACCEPT 1/4" OR 5/16" (6mm or 8mm) DIA. BOLTS

MEDIUM DUTY RIGID PLATE CASTERS						
CASTER CONFIGURATION DATA			BLACK POLYOLEFIN WHEELS LOAD CAPACITY: 250 lbs (110 kg)	BLACK RUBBER WHEELS LOAD CAPACITY: 200 lbs (90 kg)	GRAY POLYURETHANE WHEELS FURNISHED WITH BALL BEARINGS LOAD CAPACITY: 250 lbs (110 kg)	DARK BLUE POLYURETHANE WHEELS FURNISHED WITH BALL BEARINGS LOAD CAPACITY: 250 lbs (110 kg)
WHEEL DIA.	LOAD HEIGHT	SWIVEL RADIUS	MODEL NO.	MODEL NO.	MODEL NO.	MODEL NO.
3" (76mm)	4" (102mm)	—	CMR1-3BPN	CMR1-3KPN	—	CMR1-3PPB
4" (102mm)	5" (127mm)	—	CMR1-4BPN	CMR1-4KPN	CMR1-4RPB	CMR1-4PPB
5" (127mm)	6" (152mm)	—	CMR1-5BPN	CMR1-5KPN	CMR1-5RPB	CMR1-5PPB



STANDARD DUTY SWIVEL PLATE CASTERS*

- 3" x 1-3/8" WIDE (76mm x 35mm) BLACK POLYOLEFIN WHEELS
- BRAKE AND NON-BRAKE MODELS
- LOAD CAPACITY OF 100 lbs (45 kg) PER WHEEL SELECTED

CASTER CONFIGURATION DATA			SWIVEL PLATE 2-3/4" X 3-3/4" (70mm x 95mm) HOLE OPENINGS SPACED ON 1-3/4" X 3" (44mm X 76mm) CENTERS TO ACCEPT 1/4" (6mm) DIA. BOLTS	
WHEEL DIA.	LOAD HEIGHT	SWIVEL RADIUS	NON-BRAKE MODEL NO.	BRAKE MODEL NO.
3" (76mm)	3-3/4" (95mm)	2-3/4" (70mm)	CLP2-3BPN	CLP2-3BBN

*FOR PLATE HOLE PATTERN CONFIGURATION, REFER TO PG. F155-F157.



UNIVERSAL MOUNTING PLATE AND 3-1/2" PLATE CASTERS

UNIVERSAL MOUNTING PLATE CASTERS

- REDUCES REQUIRED CASTER INVENTORY WHILE PROVIDING MOUNTING FLEXIBILITY
- BOLT HOLE PATTERNS ACCOMMODATE EASY INTERCHANGEABILITY BETWEEN EQUIPMENT LEGS AND CASTERS
- 9-GAUGE ZINC PLATED STEEL MOUNTING PLATE
- 5/16" DIAMETER SLOTTED MOUNTING HOLES FOR EASY ADJUSTABILITY
 - LOCKING AND NON-LOCKING MODELS
 - LOAD CAPACITY 250 lbs.(110 kg) PER WHEEL
 - FULL 1-1/4" TREAD WIDTH



4" x 4" UNIVERSAL MOUNTING PLATE*

CASTER CONFIGURATION DATA			BLACK POLYOLEFIN WHEELS LOAD CAPACITY: 250 lbs (110 kg)		BLACK RUBBER WHEELS LOAD CAPACITY: 250 lbs (110 kg)		GRAY POLYURETHANE WHEELS FURNISHED WITH BALL BEARINGS LOAD CAPACITY: 250 lbs (110 kg)		DARK BLUE POLYURETHANE WHEELS FURNISHED WITH BALL BEARINGS LOAD CAPACITY: 250 lbs (110 kg)	
WHEEL DIA.	LOAD HEIGHT	SWIVEL RADIUS	NON-BRAKE MODEL NO.	BRAKE MODEL NO.	NON-BRAKE MODEL NO.	BRAKE MODEL NO.	NON-BRAKE MODEL NO.	BRAKE MODEL NO.	NON-BRAKE MODEL NO.	BRAKE MODEL NO.
5" (127mm)	6" (152mm)	4" (101mm)	CMPU-5BPN	CMPU-5BBN	CMPU-5KPN	CMPU-5KBN	CMPU-5RPB	CMPU-5RBB	CMPU-5PPB	CMPU-5PBB

3-1/2" x 3-1/2" UNIVERSAL MOUNTING PLATE*										
5" (127mm)	6" (152mm)	4" (101mm)	CMP4-5BPB	CMP4-5BBB	—	—	—	—	CMP4U-5PPB	CMP4U-5PBB

MEDIUM DUTY 3-1/2" PLATE & EXPANDING STEM CASTERS

- AVAILABLE FOR MOUNTING PLATE AND EXPANDING FASTENER APPLICATIONS
- LOCKING AND NON-LOCKING MODELS • LOAD CAPACITY 200 lbs (90 kg) PER WHEEL
 - FULL 1-1/4" TREAD WIDTH



MEDIUM DUTY 3-1/2" PLATE & EXPANDING STEM CASTERS

CASTER CONFIGURATION DATA				BLACK RUBBER WHEELS LOAD CAPACITY: 200 lbs (90 kg)	
APPLICATION	WHEEL DIA.	LOAD HEIGHT	SWIVEL RADIUS	NON-BRAKE MODEL NO.	BRAKE MODEL NO.
Plate Caster*	3-1/2" (89mm)	4-7/16" (113mm)	3-1/4" (83mm)	CMP1-35KPN	CMP1-35KBN

*FOR PLATE HOLE PATTERN CONFIGURATION, REFER TO PG. F155-F157.



REGAL RIDE™ MEDIUM DUTY THREADED STEM CASTERS



MEDIUM DUTY THREADED STEM CASTERS

- FULL 1-1/4" (32mm) TREAD WIDTH • LOAD CAPACITY 250 lbs (110 kg) PER WHEEL
- CHOICE OF POLYOLEFIN, POLYURETHANE OR RUBBER WHEELS • BRAKE AND NON-BRAKE MODELS
- NON-MARRING GREASE RESISTANT POLYURETHANE TIRES
FURNISHED WITH QUIET, EASY ROLLING WHEEL BEARINGS

STEM SIZE 1/2-13 X 1-1/2" LONG STEM										
CASTER CONFIGURATION DATA			BLACK POLYOLEFIN WHEELS LOAD CAPACITY: 250 lbs (110 kg)		BLACK RUBBER WHEELS LOAD CAPACITY: 200 lbs (90 kg) *250 lbs (110 kg)		GRAY POLYURETHANE WHEELS FURNISHED WITH BALL BEARINGS LOAD CAPACITY: 250 lbs (110 kg)		DARK BLUE POLYURETHANE WHEELS FURNISHED WITH BALL BEARINGS LOAD CAPACITY: 250 lbs (110 kg)	
WHEEL DIA.	LOAD HEIGHT	SWIVEL RADIUS	NON-BRAKE MODEL NO.	BRAKE MODEL NO.	NON-BRAKE MODEL NO.	BRAKE MODEL NO.	NON-BRAKE MODEL NO.	BRAKE MODEL NO.	NON-BRAKE MODEL NO.	BRAKE MODEL NO.
3" (76mm)	4" (102mm)	2-7/8" (73mm)	CMT1-3BPN	CMT1-3BBN	CMT1-3KPN	CMT1-3KBN	—	—	CMT1-3PPB	CMT1-3PBB
4" (102mm)	5" (127mm)	3-3/8" (86mm)	CMT1-4BPN	CMT1-4BBN	CMT1-4KPN	CMT1-4KBN	CMT1-4RPB	CMT1-4RBB	CMT1-4PPB	CMT1-4PBB
5" (127mm)	6" (152mm)	4" (102mm)	CMT1-5BPN	CMT1-5BBN	*CMT1-5KPN	*CMT1-5KBN	CMT1-5RPB	CMT1-5RBB	CMT1-5PPB	CMT1-5PBB
STEM SIZE 5/8-11 X 1-1/2" LONG STEM										
3" (76mm)	4" (102mm)	2-7/8" (73mm)	CMT2-3BPN	CMT2-3BBN	—	—	—	—	CMT2-3PPB	CMT2-3PBB
5" (127mm)	6" (152mm)	4" (102mm)	CMT2-5BPN	CMT2-5BBN	—	—	CMT2-5RPB	CMT2-5RBB	CMT2-5PPB	CMT2-5PBB
STEM SIZE 3/4-10 x 1" LONG STEM										
5" (127mm)	6" (152mm)	4" (102mm)	CMT3-5BPN	CMT3-5BBN	—	—	—	—	—	—
STEM SIZE 1/2-13 X 1" LONG STEM										
3" (76mm)	4" (102mm)	2-7/8" (73mm)	—	CMT4-3BBN	—	—	—	—	—	—
5" (127mm)	6" (152mm)	4" (102mm)	—	—	—	—	—	—	CMT4-5PPB	CMT4-5PBB
STEM SIZE 5/8-11 X 1" LONG STEM										
5" (127mm)	6" (152mm)	4" (102mm)	CMT5-5BPN	CMT5-5BBN	—	—	CMT5-5RPB	CMT5-5RBB	CMT5-5PPB	CMT5-5PBB
SPRING RING STEM										
3" (76mm)	4" (102mm)	2-7/8" (73mm)	C99-1030	C99-1031	—	—	—	—	—	—
5" (127mm)	6" (152mm)	4" (102mm)	C99-1050	C99-1051	—	—	—	—	—	—

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REGAL RIDE™ MEDIUM DUTY SWIVEL EXPANDING STEM CASTERS



MEDIUM DUTY SWIVEL EXPANDING STEM CASTERS

- FULL 1-1/4" (32mm) TREAD WIDTH • LOAD CAPACITY 250 lbs (110 kg) PER WHEEL
- CHOICE OF POLYOLEFIN, POLYURETHANE OR RUBBER WHEELS • BRAKE AND NON-BRAKE MODELS
- ADAPTS TO EITHER ROUND OR SQUARE TUBING

APPLICATION IS BASED ON O.D. OF EITHER ROUND OR SQUARE COMMERCIAL TUBING.
CASTERS EXPAND TO FIT 16, 18 OR 20 GAUGE (1.5mm, 1.2mm or 1mm) WALL THICKNESS.

MEDIUM DUTY EXPANDING STEM CASTERS

CASTER CONFIGURATION DATA				BLACK POLYOLEFIN WHEELS LOAD CAPACITY: 250 lbs. (110 kg.)		BLACK RUBBER WHEELS LOAD CAPACITY: 200 lbs. (90 kg.) **250 lbs. (110 kg.)	
APPLICATION	WHEEL DIA.	LOAD HEIGHT	SWIVEL RADIUS	NON-BRAKE MODEL NO.	BRAKE MODEL NO.	NON-BRAKE MODEL NO.	BRAKE MODEL NO.
1" (25mm) Dia. Tubing Round Or Square	3" (76mm)	4" (102mm)	2-7/8" (73mm)	CMS1-3BPN	CMS1-3BBN	—	—
	4" (102mm)	5" (127mm)	3-3/8" (86mm)	CMS1-4BPN	CMS1-4BBN	—	CMS1-4KBN
	5" (127mm)	6" (152mm)	4" (102mm)	CMS1-5BPN	CMS1-5BBN	CMS1-5KPN**	CMS1-5KBN**
1-1/4" (32mm) Dia. Tubing Round Or Square	3" (76mm)	4" (102mm)	2-7/8" (73mm)	CMS2-3BPN	CMS2-3BBN	—	—
	4" (102mm)	5" (127mm)	3-3/8" (86mm)	CMS2-4BPN	CMS2-4BBN	CMS2-4KPN	CMS2-4KBN
	5" (127mm)	6" (152mm)	4" (102mm)	CMS2-5BPN	CMS2-5BBN	CMS2-5KPN**	CMS2-5KBN**
1-1/2" (38mm) Dia. Tubing Round Or Square Or 1-1/4" Pipe	3" (76mm)	4" (102mm)	2-7/8" (73mm)	CMS3-3BPN	CMS3-3BBN	—	—
	4" (101mm)	5" (127mm)	3-3/8" (86mm)	CMS3-4BPN	CMS3-4BBN	CMS3-4KPN	CMS3-4KBN
	5" (127mm)	6" (152mm)	4" (102mm)	CMS3-5BPN	CMS3-5BBN	—	—
1-5/8" (40mm) Dia. Tubing Round Or Square	3" (76mm)	4" (102mm)	2-7/8" (73mm)	CMS4-3BPN	CMS4-3BBN	CMS4-3KPN	CMS4-3KBN
	4" (102mm)	5" (127mm)	3-3/8" (86mm)	CMS4-4BPN CMS4-4BPNS*	CMS4-4BBN CMS4-4BBNS*	CMS4-4KPN	CMS4-4KBN
	5" (127mm)	6" (152mm)	4" (102mm)	CMS4-5BPN	CMS4-5BBN CMS4-5BBN-TB***	CMS4-5KPN**	CMS4-5KBN**
2" (51mm) Dia. Tubing Round Or Square	3" (76mm)	4" (102mm)	2-7/8" (73mm)	CMS5-3BPN	CMS5-3BBN	—	—
	4" (102mm)	5" (127mm)	3-3/8" (86mm)	CMS5-4BPN	CMS5-4BBN	—	—
	5" (127mm)	6" (152mm)	4" (102mm)	CMS5-5BPN	CMS5-5BBN	—	—

*Stainless steel yoke and brake *** Top Brake



REGAL RIDE™ MEDIUM DUTY SWIVEL EXPANDING STEM CASTERS



MEDIUM DUTY SWIVEL EXPANDING STEM CASTERS

- FULL 1-1/4" (32mm) TREAD WIDTH • LOAD CAPACITY 250 lbs (110 kg) PER WHEEL
- CHOICE OF POLYOLEFIN, POLYURETHANE OR RUBBER WHEELS • BRAKE AND NON-BRAKE MODELS
- ADAPTS TO EITHER ROUND OR SQUARE TUBING

APPLICATION IS BASED ON O.D. OF EITHER ROUND OR SQUARE COMMERCIAL TUBING.
CASTERS EXPAND TO FIT 16, 18 OR 20 GAUGE (1.5mm, 1.2mm or 1mm) WALL THICKNESS.

MEDIUM DUTY EXPANDING STEM CASTERS							
CASTER CONFIGURATION DATA				GRAY POLYURETHANE WHEELS FURNISHED WITH BALL BEARINGS LOAD CAPACITY: 250 lbs. (110 kg.)		DARK BLUE POLYURETHANE WHEELS FURNISHED WITH BALL BEARINGS LOAD CAPACITY: 250 lbs. (110 kg.)	
APPLICATION	WHEEL DIA.	LOAD HEIGHT	SWIVEL RADIUS	NON-BRAKE MODEL NO.	BRAKE MODEL NO.	NON-BRAKE MODEL NO.	BRAKE MODEL NO.
1" (25mm) Dia. Tubing Round Or Square	3" (76mm)	4" (102mm)	2-7/8" (73mm)	—	—	CMS1-3PPB	CMS1-3PBB
	4" (102mm)	5" (127mm)	3-3/8" (86mm)	CMS1-4RPB	CMS1-4RBB	CMS1-4PPB	CMS1-4PBB
	5" (127mm)	6" (152mm)	4" (102mm)	CMS1-5RPB	CMS1-5RBB	CMS1-5PPB	CMS1-5PBB CMS1-5PPB-TB**
1-1/4" (32mm) Dia. Tubing Round Or Square	3" (76mm)	4" (102mm)	2-7/8" (73mm)	—	—	CMS2-3PPB	CMS2-3PBB
	4" (102mm)	5" (127mm)	3-3/8" (86mm)	CMS2-4RPB	CMS2-4RBB	CMS2-4PPB	CMS2-4PBB
	5" (127mm)	6" (152mm)	4" (102mm)	CMS2-5RPB	CMS2-5RBB CMS2-5RBB-TB**	CMS2-5PPB	CMS2-5PBB
1-1/2" (38mm) Dia. Tubing Round Or Square Or 1-1/4" Pipe	3" (76mm)	4" (102mm)	2-7/8" (73mm)	—	—	CMS3-3PPB	CMS3-3PBB
	4" (101mm)	5" (127mm)	3-3/8" (86mm)	CMS3-4RPB	CMS3-4RBB	CMS3-4PPB	CMS3-4PBB
	5" (127mm)	6" (152mm)	4" (102mm)	CMS3-5RPB	CMS3-5RBB CMS3-5RBB-TB**	CMS3-5PPB	CMS3-5PBB
1-5/8" (40mm) Dia. Tubing Round Or Square	3" (76mm)	4" (102mm)	2-7/8" (73mm)	—	—	CMS4-3PPB	CMS4-3PBB
	4" (102mm)	5" (127mm)	3-3/8" (86mm)	CMS4-4RPB	CMS4-4RBB	CMS4-4PPB	CMS4-4PBB
	5" (127mm)	6" (152mm)	4" (102mm)	CMS4-5RPB	CMS4-5RBB CMS4-5RBB-TB**	CMS4-5PPB CMS4-5PPB-SS*	CMS4-5PBB CMS4-5PBB-SS* CMS4-5PBB-TB**
2" (51mm) Dia. Tubing Round Or Square	3" (76mm)	4" (102mm)	2-7/8" (73mm)	—	—	CMS5-3PPB	CMS5-3PBB
	4" (102mm)	5" (127mm)	3-3/8" (86mm)	CMS5-4RPB	CMS5-4RBB	CMS5-4PPB	CMS5-4PBB
	5" (127mm)	6" (152mm)	4" (102mm)	CMS5-5RPB	CMS5-5RBB CMS5-5RBB-TB**	CMS5-5PPB	CMS5-5PBB

*Stainless steel yoke and brake ** Top Brake



STANDARD DUTY PLATE CASTERS



C11 SERIES STANDARD DUTY SWIVEL PLATE CASTERS

- LOAD CAPACITIES OF 125lbs, 150lbs AND 160 lbs (55 kg, 70 kg AND 75 kg) PER WHEEL SELECTED
- RUBBER OR POLYURETHANE TIRES WITH 1" (25mm) TREAD WIDTH
- BRAKE AND NON-BRAKE MODELS

MOUNTING PLATE SIZE:*
1-3/4" x 3" (45mm x 76mm) WITH HOLE OPENINGS SPACED ON
1" x 2-1/4" (25mm x 57mm) CENTERS TO ACCEPT 1/4" (6mm) DIA. BOLTS

C11 SERIES STANDARD DUTY SWIVEL PLATE CASTERS								
CASTER CONFIGURATION DATA			BLACK SOLID RUBBER TIRES LOAD CAPACITY: 125 lbs (55 kg)		GRAY RUBBER TIRES with POLY-LOC DISCS LOAD CAPACITY: 150 lbs (70 kg)		DARK BLUE POLYURETHANE TIRES WITH POLY-LOC DISCS LOAD CAPACITY: 160 lbs (75 kg)	
WHEEL DIA.	LOAD HEIGHT	SWIVEL RADIUS	NON-BRAKE MODEL NO.	BRAKE MODEL NO.	NON-BRAKE MODEL NO.	BRAKE MODEL NO.	NON-BRAKE MODEL NO.	BRAKE MODEL NO.
3" (76mm)	3-11/16" (95mm)	2-3/4" (70mm)	C11-1030	C11-1031	C11-2030	C11-2031	—	—
4" (102mm)	4-11/16" (120mm)	3-5/16" (85mm)	C11-1040	C11-1041	C11-2040	C11-2041	—	C11-3041
5" (127mm)	5-11/16" (145mm)	4" (102mm)	C11-1050	C11-1051	C11-2050	C11-2051	—	—

C11 SERIES LIGHT DUTY SWIVEL PLATE CASTER									
NON-BRAKE MODEL NO.	WHEEL DIA.	LOAD HEIGHT	SWIVEL RADIUS	LOAD CAPACITY	TREAD WIDTH	WHEEL MATERIAL	MOUNTING PLATE SIZE:	MOUNTING HOLE SIZE	MOUNTING HOLE SPACING
C11-1020	2" (51mm)	2-1/2" (64mm)	1-7/8" (47mm)	80 lbs (35 kg)	13/16" (20mm)	GRAY RUBBER	1-3/16" x 2" (30mm x 51mm)	3/16" (5mm) Dia.	3/16" x 1-9/16" (5mm x 50mm) Dia.

*FOR PLATE HOLE PATTERN CONFIGURATION, REFER TO PG. F155-F157.



STANDARD DUTY EXPANDING STEM CASTERS



C13 SERIES STANDARD DUTY SWIVEL STEM CASTERS

- FOR 1", 1-1/4", 1-1/2", 1-5/8" & 2" (25mm, 32mm, 38mm, 40mm and 51mm) DIA.
ROUND or SQUARE TUBING and 1-1/4" PIPE
- LOAD CAPACITIES OF 125, 150 and 160 lbs (55, 70 and 75 kg) PER WHEEL SELECTED
 - RUBBER or POLYURETHANE TIRES with 1" (25mm) TREAD WIDTH
 - BRAKE and NON-BRAKE MODELS

C13 SERIES STANDARD DUTY SWIVEL STEM CASTERS									
CASTER CONFIGURATION DATA				BLACK SOLID RUBBER TIRES LOAD CAPACITY: 125 lbs (55 kg)		GRAY RUBBER TIRES with POLY-LOC DISCS LOAD CAPACITY: 150 lbs (70 kg)		DARK BLUE POLYURETHANE TIRES WITH POLY-LOC DISCS LOAD CAPACITY: 160 lbs (75 kg)	
APPLICATION	WHEEL DIA.	LOAD HEIGHT	SWIVEL RADIUS	NON-BRAKE MODEL NO.	BRAKE MODEL NO.	NON-BRAKE MODEL NO.	BRAKE MODEL NO.	NON-BRAKE MODEL NO.	BRAKE MODEL NO.
1" (25mm) Dia. Tubing Round Or Square	4" (102mm)	4-11/16" (120 mm)	3-5/16" (85mm)	C13-1140	C13-1141	C13-2140	C13-2141	C13-3140	C13-3141
	5" (127mm)	5-11/16" (145mm)	4" (102mm)	C13-1150	C13-1151	C13-2150	C13-2151	C13-3150	C13-3151
1-1/4" (30mm) Dia. Tubing Round Or Square	4" (102mm)	4-11/16" (120 mm)	3-5/16" (85mm)	C13-1240	C13-1241	C13-2240	C13-2241	C13-3240	C13-3241
	5" (127mm)	5-11/16" (145mm)	4" (102mm)	C13-1250	C13-1251	C13-2250	C13-2251	C13-3250	C13-3251
1-1/2" (38mm) Dia. Tubing Round Or Square Or 1-1/4" Pipe	3" (76mm)	3-11/16" (95mm)	2-3/4" (70mm)	C13-1330	C13-1331	—	—	—	—
	4" (102mm)	4-11/16" (120 mm)	3-5/16" (85mm)	C13-1340	—	C13-2340	C13-2341	C13-3340	C13-3341
	5" (127mm)	5-11/16" (145mm)	4" (102mm)	C13-1350	C13-1351	C13-2350	C13-2351	C13-3350	—
1-5/8" (40mm) Dia. Tubing Round Or Square	3" (76mm)	3-11/16" (95mm)	2-3/4" (70mm)	C13-5430	C13-5431	—	—	—	—
	4" (102mm)	4-11/16" (120 mm)	3-5/16" (85mm)	C13-1440	—	C13-2440	C13-2441	C13-3440	C13-3441
	5" (127mm)	5-11/16" (145mm)	4" (102mm)	C13-1450	C13-1451	C13-2450	C13-2451	C13-3450	C13-3451
2" (51mm) Dia. Tubing Round Or Square	4" (102mm)	4-11/16" (120 mm)	3-5/16" (85mm)	C13-1540	C13-1541	C13-2540	C13-2541	C13-3540	C13-3541
	5" (127mm)	5-11/16" (145mm)	4" (102mm)	C13-1550	C13-1551	C13-2550	C13-2551	C13-3550	C13-3551

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MEDIUM DUTY PLATE CASTERS



C21 SERIES MEDIUM DUTY SWIVEL AND RIGID PLATE CASTERS

- LOAD CAPACITIES OF 155, 200, 250 AND 300 lbs (70, 90, 115 and 135 kg) PER WHEEL SELECTED
- RUBBER OR POLYURETHANE TIRES WITH 1-1/4" (32mm) TREAD WIDTH
- BRAKE AND NON-BRAKE MODELS

MOUNTING PLATE SIZE:*

2-3/8" x 3-5/8" (60mm x 92mm) WITH HOLE OPENINGS SPACED ON 1-3/4" x 3" (45mm x 75mm) CENTERS TO ACCEPT 1/4" or 5/16" (6mm or 8mm) DIA. BOLTS

C21 SERIES MEDIUM DUTY SWIVEL PLATE CASTERS

CASTER CONFIGURATION DATA			BLACK SOLID RUBBER TIRES LOAD CAPACITY: 155 lbs (70 kg) *200 lbs (90 kg)		GRAY RUBBER TIRES with POLY-LOC DISCS LOAD CAPACITY: 155 lbs (70 kg) *200 lbs (90 kg)		DARK BLUE POLYURETHANE TIRES WITH POLY-LOC DISCS LOAD CAPACITY: 250 lbs (110 kg) *300 lbs (135 kg)	
WHEEL DIA.	LOAD HEIGHT	SWIVEL RADIUS	NON-BRAKE MODEL NO.	BRAKE MODEL NO.	NON-BRAKE MODEL NO.	BRAKE MODEL NO.	NON-BRAKE MODEL NO.	BRAKE MODEL NO.
3-1/2" (89mm)	4-1/2" (115mm)	3-5/16" (85mm)	*C21-1035	*C21-1036	C21-2035	C21-2036	C21-3035	C21-3036
4" (102mm)	5" (127mm)	3-3/8" (86mm)	—	—	—	—	C21-3040	C21-3041
5" (127mm)	6-1/8" (155mm)	4" (102mm)	*C21-1050	*C21-1051	*C21-2050	*C21-2051	*C21-3050	*C21-3051
C21 SERIES MEDIUM DUTY RIGID PLATE CASTERS								
3-1/2" (89mm)	4-1/2" (115mm)	3-5/16" (85mm)	*C21-1035-R	—	C21-2035-R	—	—	—
5" (127mm)	6-1/8" (155mm)	4" (102mm)	*C21-1050-R	—	*C21-2050-R	—	—	—

*FOR PLATE HOLE PATTERN CONFIGURATION, REFER TO PG. F155-F157.



MEDIUM DUTY SWIVEL AND RIGID STEM CASTERS



C23 SERIES MEDIUM DUTY SWIVEL STEM CASTERS

- FOR 1", 1-1/4", 1-1/2", 1-5/8" & 2" (25, 32, 38, 40 & 51mm) DIA. ROUND OR SQUARE TUBING AND 1-1/4" PIPE
- LOAD CAPACITIES OF 155, 200, 250 AND 300 lbs (70, 90, 115 AND 135 kg) PER WHEEL SELECTED
- RUBBER OR POLYURETHANE TIRES WITH 1-1/4" (32mm) TREAD WIDTH • BRAKE AND NON-BRAKE MODELS

C23 SERIES MEDIUM DUTY SWIVEL STEM CASTERS									
CASTER CONFIGURATION DATA				BLACK SOLID RUBBER TIRES LOAD CAPACITY: 155 lbs (70 kg) *200 lbs (90 kg)		GRAY RUBBER TIRES with POLY-LOC DISCS LOAD CAPACITY: 150 lbs (68 kg) *200 lbs (90 kg)		DARK BLUE POLYURETHANE TIRES WITH POLY-LOC DISCS LOAD CAPACITY: 250 lbs (110 kg) *300 lbs (135 kg)	
APPLICATION	WHEEL DIA.	LOAD HEIGHT	SWIVEL RADIUS	NON-BRAKE MODEL NO.	BRAKE MODEL NO.	NON-BRAKE MODEL NO.	BRAKE MODEL NO.	NON-BRAKE MODEL NO.	BRAKE MODEL NO.
1" (25mm) Dia. Tubing Round Or Square	3-1/2" (89mm)	4-1/2" (114mm)	3-1/4" (83mm)	*C23-1135	*C23-1136	C23-2135	C23-2136	C23-3135	C23-3136
	5" (127mm)	6-1/8" (160mm)	4" (102mm)	*C23-1150	*C23-1151	*C23-2150	*C23-2151	*C23-3150	*C23-3151
1-1/4" (32mm) Dia. Tubing Round Or Square	3-1/2" (89mm)	4-1/2" (114mm)	3-1/4" (83mm)	*C23-1235	*C23-1236	C23-2235	C23-2236	C23-3235	C23-3236
	5" (127mm)	6-1/8" (160mm)	4" (102mm)	*C23-1250	*C23-1251	*C23-2250	*C23-2251	*C23-3250	*C23-3251
1-1/2" (38mm) Dia. Tubing Round Or Square Or 1-1/4" Pipe	3-1/2" (89mm)	4-1/2" (114mm)	3-1/4" (83mm)	*C23-1335	*C23-1336	C23-2335	C23-2336	C23-3335	C23-3336
	5" (127mm)	6-1/8" (160mm)	4" (102mm)	*C23-1350	*C23-1351	*C23-2350	*C23-2351	*C23-3350	*C23-3351
1-5/8" (40mm) Dia. Tubing Round Or Square	3-1/2" (89mm)	4-1/2" (114mm)	3-1/4" (83mm)	*C23-1435	*C23-1436	C23-2435	C23-2436	C23-3435	C23-3436
	5" (127mm)	6-1/8" (160mm)	4" (102mm)	*C23-1450	*C23-1451	*C23-2450	*C23-2451	*C23-3450	*C23-3451
2" (51mm) Dia. Tubing Round Or Square	3-1/2" (89mm)	4-1/2" (114mm)	3-1/4" (83mm)	*C23-1535	*C23-1536	C23-2535	C23-2536	C23-3535	C23-3536
	5" (127mm)	6-1/8" (160mm)	4" (102mm)	C23-1550	C23-1551	C23-2550	C23-2551	*C23-3550	*C23-3551

F

C23 SERIES MEDIUM DUTY RIGID STEM CASTERS

C23 SERIES MEDIUM DUTY RIGID STEM CASTERS					
CASTER CONFIGURATION DATA				BLACK SOLID RUBBER TIRES LOAD CAPACITY: 155 lbs (70 kg) *200 lbs (90 kg)	
APPLICATION	WHEEL DIA.	LOAD HEIGHT	SWIVEL RADIUS	NON-BRAKE MODEL NO.	BRAKE MODEL NO.
1" (25mm) Dia. Tubing Round Or Square	5" (127mm)	6-1/8" (160mm)	4" (102mm)	*C23-1150-R	-
1-1/4" (32mm) Dia. Tubing Round Or Square	5" (127mm)	6-1/8" (160mm)	4" (102mm)	-	-
1-1/2" (38mm) Dia. Tubing Round Or Square Or 1-1/4" Pipe	5" (127mm)	6-1/8" (160mm)	4" (102mm)	*C23-1350-R	-
1-5/8" (40mm) Dia. Tubing Round Or Square	5" (127mm)	6-1/8" (160mm)	4" (102mm)	*C23-1450-R	-



- FOR 1", 1-1/4", 1-1/2", 1-5/8" AND 2" (25, 32, 38, 40 & 51mm) DIA. ROUND OR SQUARE TUBING AND 1-1/4" PIPE
- LOAD CAPACITIES OF 155, 200, 250 AND 300 lbs (70, 90, 115 AND 135 kg) PER WHEEL SELECTED
- RUBBER OR POLYURETHANE TIRES WITH 1-1/4" (32mm) TREAD WIDTH
- BRAKE AND NON-BRAKE MODELS



MEDIUM DUTY STAINLESS STEEL PLATE & EXPANDING STEM CASTERS



C21-SS SERIES MEDIUM DUTY STAINLESS STEEL SWIVEL PLATE CASTERS

- LOAD CAPACITY OF 200 lbs (90 kg) PER CASTER • POLY-LOC WHEELS WITH 1-1/4" (32mm) TREAD WIDTH
- COMPLETE WITH ZERK GREASE FITTINGS AND SEALS • BRAKE AND NON-BRAKE MODELS

MOUNTING PLATE SIZE:

2-3/8" x 3-5/8" (60mm x 92mm) WITH HOLE OPENINGS SPACED ON
1-3/4" x 3" (45mm x 76mm) CENTERS TO ACCEPT 1/4" or 5/16" (6mm or 8mm) DIA. BOLTS

STAINLESS STEEL MEDIUM DUTY SWIVEL PLATE CASTERS

CASTER CONFIGURATION DATA			GRAY POLYURETHANE POLY-LOC WHEELS LOAD CAPACITY: 200 lbs (90 kg)	
WHEEL DIA.	LOAD HEIGHT	SWIVEL RADIUS	NON-BRAKE MODEL NO.	BRAKE MODEL NO.
5" (127mm)	6-1/8" (155mm)	4-5/16" (110mm)	C21-2050-SS	C21-2051-SS

C23-SS SERIES MEDIUM DUTY STAINLESS STEEL SWIVEL STEM CASTERS

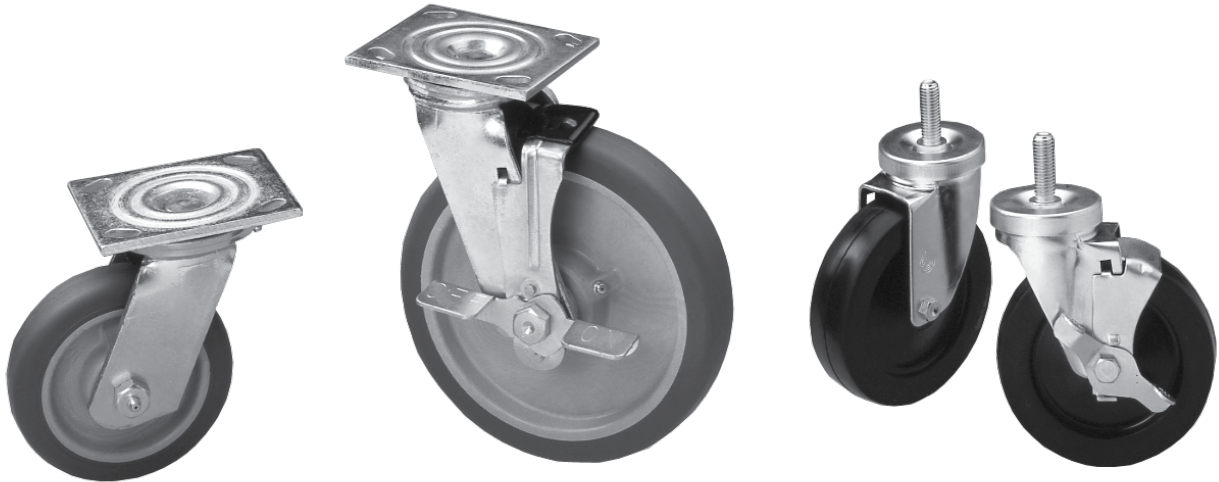
- FOR 1", 1-1/4", 1-1/2", 1-5/8" & 2" (25mm, 32mm, 38mm, 40mm & 51mm) DIA. ROUND OR SQUARE TUBING AND 1-1/4" PIPE
- LOAD CAPACITY OF 200 lbs (90 kg) PER CASTER • POLY-LOC WHEELS WITH 1-1/4" (32mm) TREAD WIDTH
- COMPLETE WITH ZERK GREASE FITTINGS AND SEALS • BRAKE AND NON-BRAKE MODELS

STAINLESS STEEL MEDIUM DUTY SWIVEL STEM CASTERS

CASTER CONFIGURATION DATA				GRAY POLYURETHANE POLY-LOC WHEELS LOAD CAPACITY: 200 lbs (90 kg)		DARK BLUE POLYURETHANE POLY-LOC WHEELS LOAD CAPACITY: 200 lbs (90 kg)	
APPLICATION	WHEEL DIA.	LOAD HEIGHT	SWIVEL RADIUS	NON-BRAKE MODEL NO.	BRAKE MODEL NO.	NON-BRAKE MODEL NO.	BRAKE MODEL NO.
1" (25mm Dia. Tubing Round Or Square	5" (127mm)	6-1/8" (160mm)	4" (102mm)	C23-2150-SS	C23-2151-SS	—	—
1-1/4" (32mm) Dia. Tubing Round Or Square	5" (127mm)	6-1/8" (160mm)	4" (102mm)	C23-2250-SS	C23-2251-SS	—	—
1-1/2" (38mm) Dia. Tubing Round Or Square OR 1-1/4" Pipe	5" (127mm)	6-1/8" (160mm)	4" (102mm)	C23-2350-SS	C23-2351-SS	—	—
1-5/8" (40mm) Dia. Tubing Round Or Square	5" (127mm)	6-1/8" (160mm)	4" (102mm)	C23-2450-SS	C23-2451-SS	—	—
2" (51mm) Dia. Tubing Round Or Square	5" (127mm)	6-1/8" (160mm)	4" (102mm)	C23-2550-SS	C23-2551-SS	—	—
1" (25mm Dia. Tubing Round Or Square	5" (127mm)	6-1/8" (160mm)	4" (102mm)	—	—	C23-3150-SS	C23-3151-SS



MEDIUM DUTY THREADED STEM & HEAVY DUTY PLATE CASTERS



C31 SERIES HEAVY DUTY SWIVEL PLATE CASTERS

- LOAD CAPACITIES
500 lbs (225 kg) PER CASTER
- GRAY POLYURETHANE POLY-LOC WHEELS
WITH 1-1/2" (38mm) TREAD WIDTH
- SUPPLIED WITH ZERK GREASE FITTINGS AND SEALS
- BRAKE AND NON-BRAKE MODELS

MOUNTING PLATE SIZE:

4" x 4-1/2" (102mm x 114mm)
WITH SLOTTED OPENINGS SPACED ON
2-3/4" x 3-1/4" (70mm x 64mm) CENTERS
TO ACCEPT 1/4" (6mm) DIA. BOLTS

C25 SERIES MEDIUM DUTY THREADED SWIVEL STEM CASTERS

- LOAD CAPACITIES
200 lbs (90 kg) PER CASTER
- SOLID RUBBER WHEELS
WITH 1-1/4" (32mm) TREAD WIDTH
- BRAKE AND NON-BRAKE MODELS

1/2-13 X 1-1/2" LONG STEM

CASTER CONFIGURATION DATA			BLACK SOLID RUBBER TIRES LOAD CAPACITY: 200 lbs (90 kg)	
3" (76mm)	3-11/16" (95mm)	2-3/4" (70mm)	C25-1000	C25-1001

NOTE: RIGID NON-BRAKE MODEL AVAILABLE AS A NON-STOCK ITEM.

C31 SERIES HEAVY DUTY SWIVEL PLATE CASTERS

CASTER CONFIGURATION DATA			GRAY POLYURETHANE POLY-LOC WHEELS LOAD CAPACITY: 500 lbs (225 kg)	
WHEEL DIA.	LOAD HEIGHT	SWIVEL RADIUS	NON- BRAKE MODEL NO.	BRAKE MODEL NO.
5" (127mm)	6-1/2" (165mm)	4-5/16" (110mm)	C31-2050	C31-2051
6" (152mm)	7-1/2" (191mm)	5-1/16" (130mm)	C31-2060	C31-2061
8" (204mm)	9-1/2" (241mm)	6-1/2" (165mm)	C31-2080	C31-2081

NOTE: RIGID PLATE CASTERS AVAILABLE AS
NON-STOCK ITEMS FOR ALL NON-BRAKE MODELS.



ADJUSTABLE CASTER LEG ASSEMBLIES

- 1-5/8" (41mm) AND 2" (51mm) O.D. STAINLESS STEEL LEGS WITH WELDED MOUNTING PLATES OR PROTRUDING STUDS

- MEDIUM DUTY CASTERS WITH 3", 4" AND 5" (76, 102 AND 127mm) DIA. POLYOLEFIN* WHEELS

- BRAKE AND NON-BRAKE MODELS

- SUPPLIED WITH SLOTTED HEAD LOCKING SET SCREWS TO MEET N.S.F. REQUIREMENTS



SAFETY SERIES ADJUSTABLE CASTER LEG ASSEMBLIES

SAFETY SERIES 1-5/8" (41mm) O.D. CASTER LEG ASSEMBLIES

SAFETY SERIES CASTER LEG ASSEMBLIES were designed specifically for fryers and other "hot content" equipment that rests on pitched floors and must be moved for cleaning and servicing. To avoid dangerous content spillage, these casters are engineered with a SPECIAL RETAINING FEATURE...the caster CANNOT BE DISASSEMBLED FROM THE LEG while adjusting equipment height or during the movement of equipment. Eliminates incidence of costly spills and serious accidents from caster assemblies inadvertently coming apart.

WHEEL DIA.	MOUNTING TYPE	MINIMUM O.A. HEIGHT	ADJ.	NON-BRAKE MODEL NO.	BRAKE MODEL NO.	LOAD RATING PER CASTER
3" (76mm)	3-1/2" (89mm) Square Plate*	6" (152mm)	1/2" (12mm)	C47-0306-C	C47-0316-C	200 lbs (90 kg)
4" (102mm)	3-1/2" (89mm) Square Plate*	7-1/2" (190mm)	1" (25mm)	C47-0406-C	C47-0416-C	275 lbs (125 kg)
4" (102mm)	1/2-13 Stud	7-1/2" (190mm)	1" (25mm)	C50-0406-C	C50-0416-C	275 lbs (125 kg)
5" (127mm)		8-1/2" (215mm)	1" (25mm)	C50-0506-C	C50-0516-C	300 lbs (135 kg)
3" (76mm)	3-1/2" (89mm) Square Plate**	8-1/2" (215mm)	2" (50mm)		C48-03185-C	300 lbs (135 kg)

**Universal mounting plate – FOR PLATE HOLE PATTERN CONFIGURATION, REFER TO PG. F155-F157.

SAFETY SERIES 2" (51mm) O.D. CASTER LEG ASSEMBLIES

*Solid Polyolefin Wheels are lightweight, easy rolling wheels made from one of the most durable thermoplastics. These wheels require no bearings and are ideal for those corrosive conditions which cause costly and continual bearing replacement. Polyolefin wheels offer resistance to most oils, chemicals, grease, solvents and acids.

WHEEL DIA.	MOUNTING TYPE	MINIMUM O.A. HEIGHT	ADJ.	NON-BRAKE MODEL NO.	BRAKE MODEL NO.	LOAD RATING PER CASTER
5" (127mm)	3-1/2" (89mm) Square Plate	8-1/2" (215mm)	1" (25mm)	C83-0506	C83-0516	300 lbs (135 kg)
5" (127mm)	3/4-10 Stud	8-1/2" (215mm)	1" (25mm)	C86-0506	C86-0516-C	300 lbs (135 kg)

SPECIFICATIONS

LEGS: 16 ga (2mm), POLISHED TO A #4 SATIN FINISH AND FURNISHED WITH (2) LOCKING SLOTTED HEAD SET SCREWS (TO CONFORM TO NSF REQUIREMENTS).

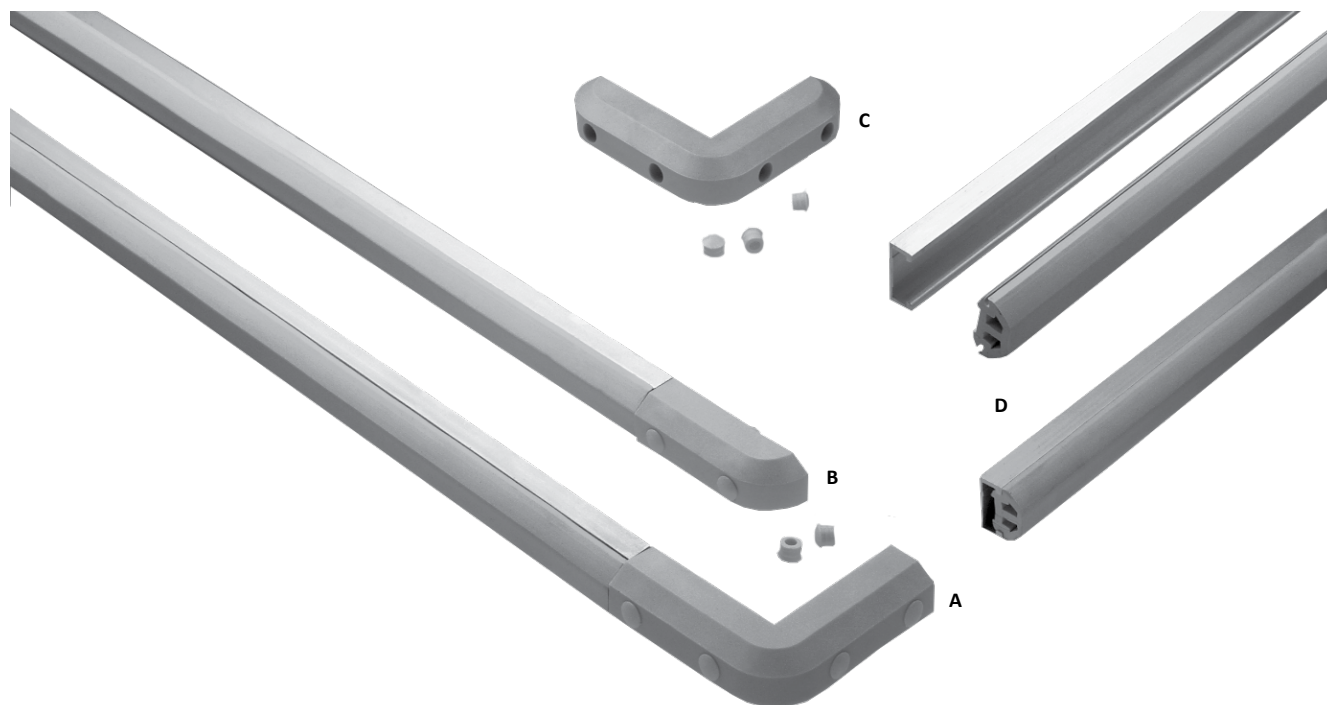
MOUNTING PLATES: 11 ga (3mm) PAINTED STEEL, 3-1/2" (89mm) SQUARE WITH FOUR 5/16" (8mm) DIA. HOLES ON 2-5/8" (66mm) CENTERS.

CASTERS: MEDIUM DUTY WITH *POLYOLEFIN WHEELS WITH A TREAD WIDTH OF 1-1/4" (32mm) AND AN OPERATING TEMPERATURE RANGE OF -20°F TO 180°F (-29°C TO 82°C). HARDNESS OF 65+ 5 DUROMETER ON SHORE D SCALE.

CASTER LEG ASSEMBLIES ARE NON-STOCK ITEMS. OTHER MODELS AVAILABLE ON SPECIAL APPLICATION.



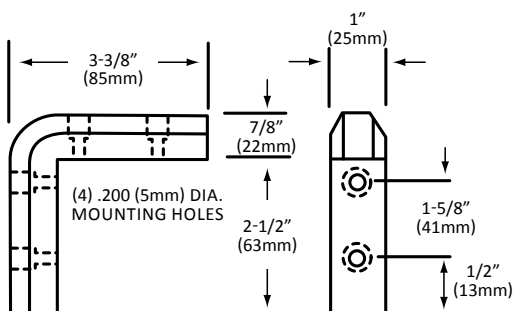
MOBILE EQUIPMENT ACCESSORIES



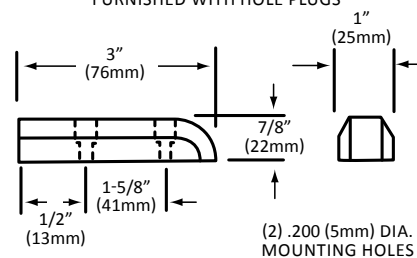
CONTEMPO STRIP BUMPER SYSTEM

- CONCEALED MOUNTING... MAY BE RIVETED OR FASTENED WITH SCREWS
- TWO PIECE CONSTRUCTION... EXTRUDED ANODIZED ALUMINUM BASE WITH A DURABLE CUSHION STRIP THAT EASILY SNAPS IN PLACE
- SPECIAL CORNERS AND ENDS INTERFACE WITH STRIP BUMPER TO PROVIDE A CONTINUOUS, UNIFORM, ONE PIECE APPEARANCE

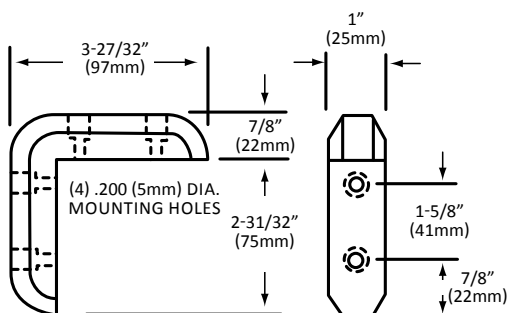
REF. A
CORNER INTERFACE
MODEL NO. C65-5090
MATERIAL: GRAY PVC
FURNISHED WITH HOLE PLUGS



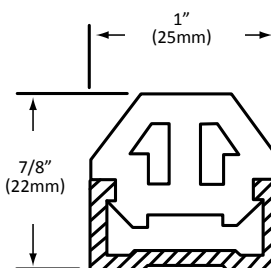
REF. B
END CAP INTERFACE
MODEL NO. C65-5000
MATERIAL: GRAY PVC
FURNISHED WITH HOLE PLUGS



REF. C
CORNER BUMPER
MODEL NO. C65-1010
MATERIAL: GRAY PVC
FURNISHED WITH HOLE PLUGS



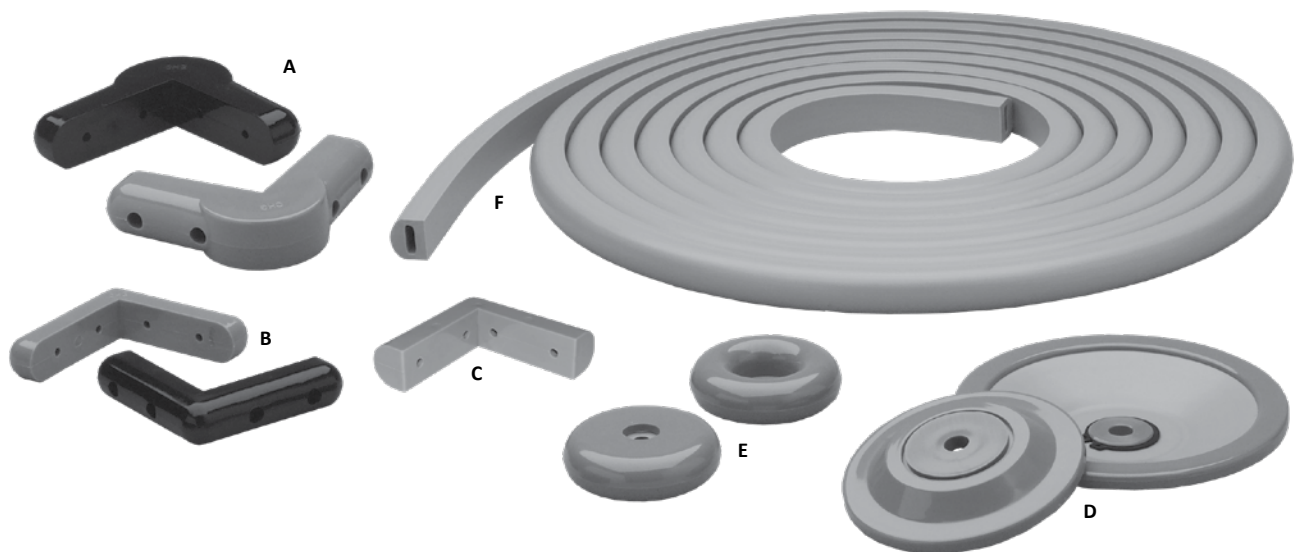
REF. D
STRAIGHT STRIP BUMPER
MODEL NO. C65-2072
72" (1829mm) LG.
MODEL NO. C65-2120
120" (3048mm) LG.



MATERIAL: EXTRUDED ALUMINUM RAIL
WITH GRAY PVC SNAP-ON BUMPER STRIP



MOBILE EQUIPMENT ACCESSORIES



STANDARD BUMPER COMPONENTS

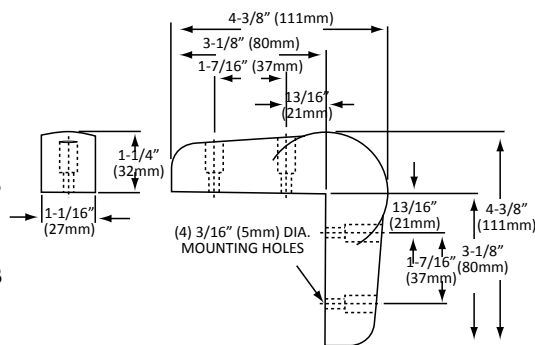
REF. A

CORNER BUMPER WITH ROUNDED ENDS & CORNER

MODEL NO. C60-1050
MATERIAL: GRAY PVC

MODEL NO. C60-1050-B
MATERIAL: BLACK PVC

HOLE PLUGS
MODEL NO. C60-X100-B



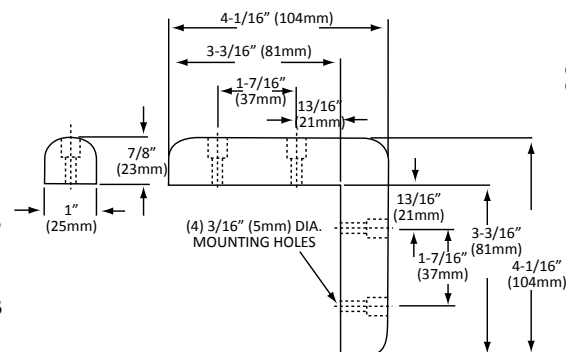
REF. B

CORNER BUMPER WITH ROUND ENDS

MODEL NO. C60-1040
MATERIAL: GRAY PVC

MODEL NO. C60-1040-B
MATERIAL: BLACK PVC

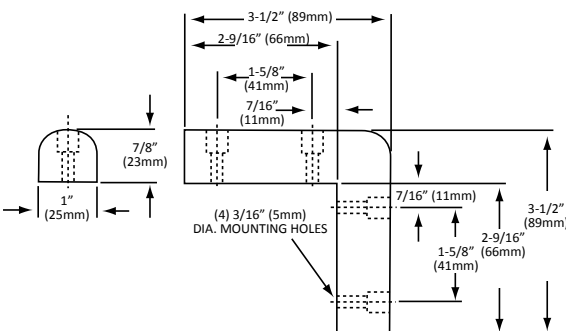
HOLE PLUGS
MODEL NO. C60-X100-B



REF. C

CORNER BUMPER WITH SQUARE ENDS

MODEL NO. C60-1030
MATERIAL: GRAY RUBBER



REF. D

ROLLING BUMPER

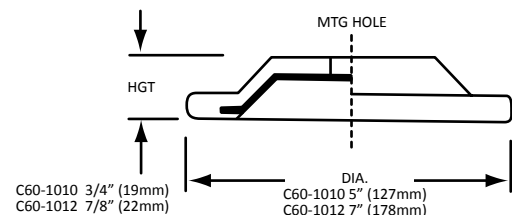
MODEL NO. C60-1010 1/2" (13mm) MTG. HOLE

MODEL NO. C60-1012 1/2" (13mm) MTG. HOLE

MODEL NO. C60-1010-SR 0.846" (21mm) MTG. HOLE

FITS: STANDARD AND MEDIUM DUTY CASTERS
MATERIAL: GRAY RUBBER, STEEL REINFORCED

ROLLING BUMPER WHEELS MAY BE SUPPLIED FOR
ANY STOCK DIAMETER STEM WITH
RUBBER EXPANDING APPLICATORS



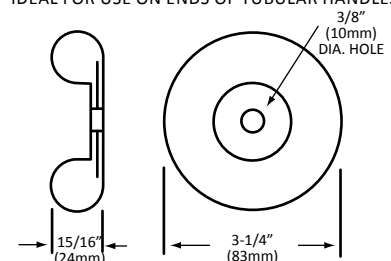
REF. E

ROUND BUMPER

MODEL NO. C60-1020

MATERIAL: GRAY RUBBER, STEEL REINFORCED.

IDEAL FOR USE ON ENDS OF TUBULAR HANDLES.



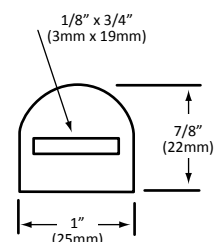
REF. F

STRIP BUMPER

MODEL NO. C60-5010

MATERIAL: GRAY RUBBER

FURNISHED IN
25 ft. (7.6m) COILS

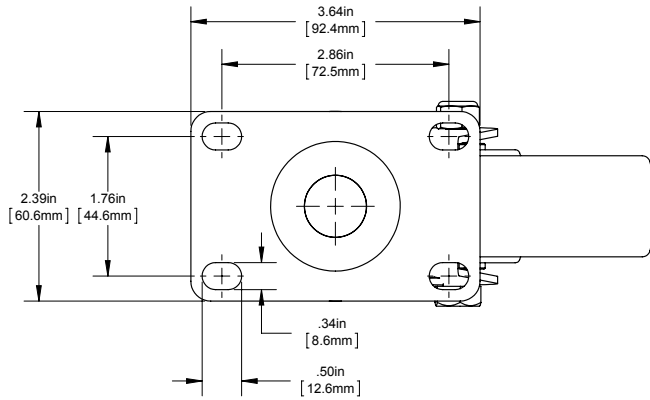


www.edainternational.com/
www.mbhny.com

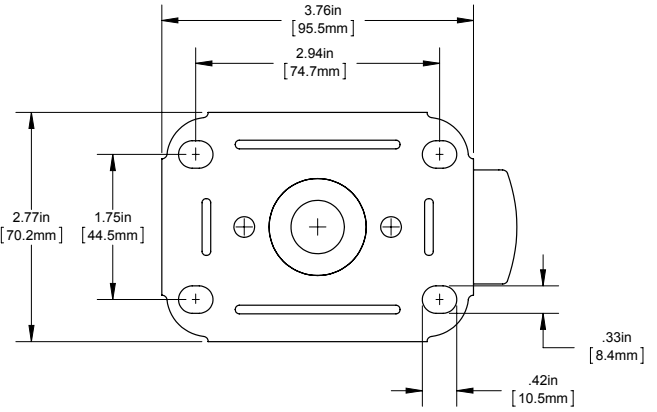


MOUNTING PLATE HOLE PATTERN CONFIGURATOR

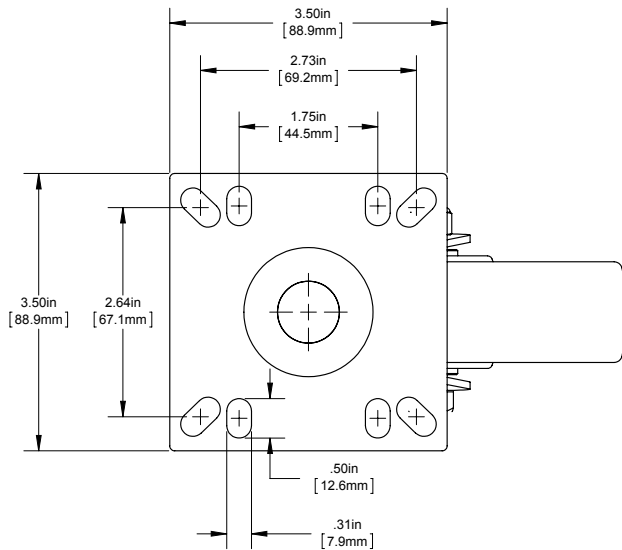
CMP1 SERIES MOUNTING PLATE



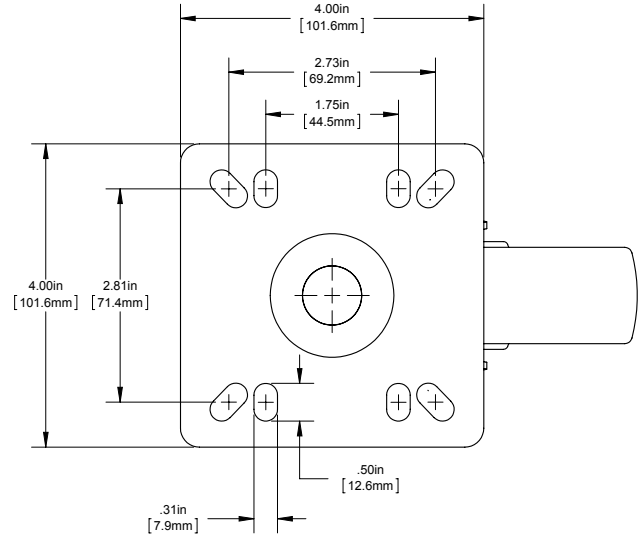
CLP2 SERIES MOUNTING PLATE



CMP4 SERIES MOUNTING PLATE



CMPU SERIES MOUNTING PLATE

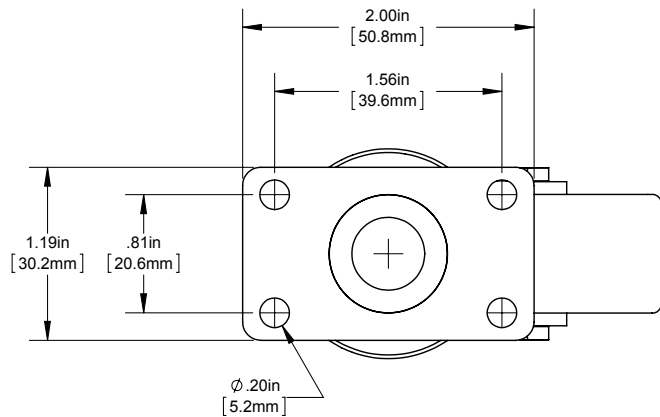


F

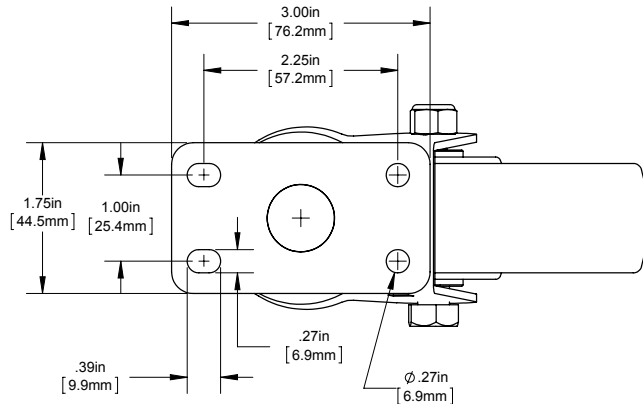


MOUNTING PLATE HOLE PATTERN CONFIGURATOR

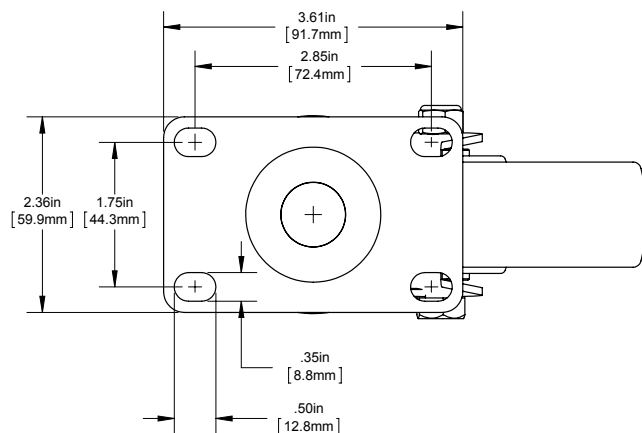
C11 LIGHT DUTY SERIES MOUNTING PLATE



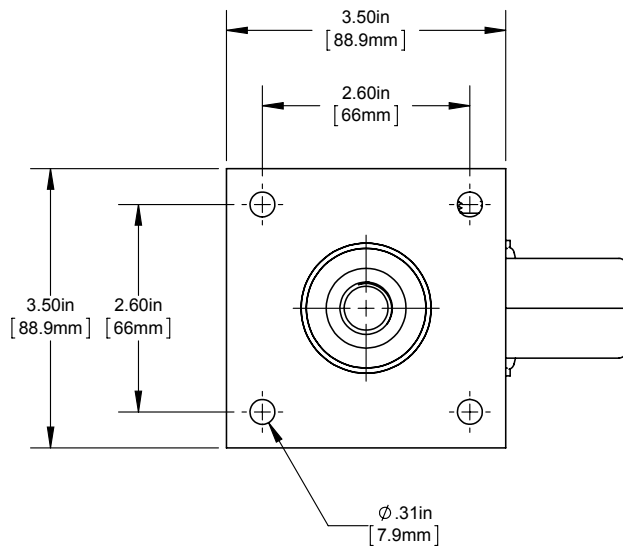
C11 SERIES MOUNTING PLATE



C21 SERIES MOUNTING PLATE



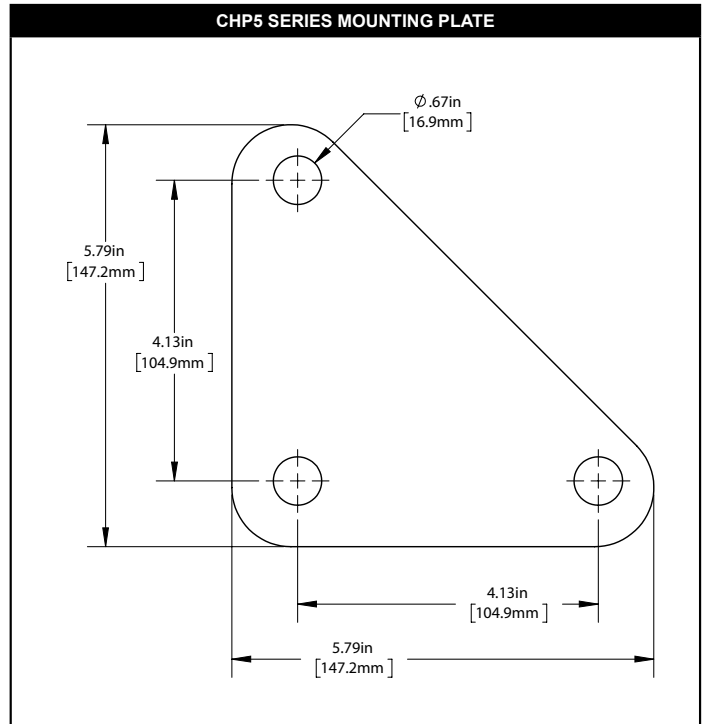
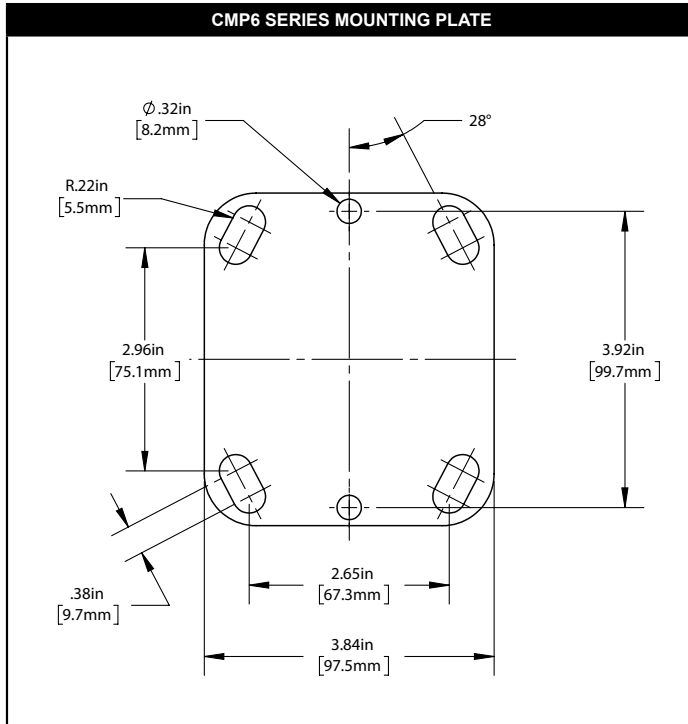
C47 SERIES MOUNTING PLATE



F



MOUNTING PLATE HOLE PATTERN CONFIGURATOR



REGAL RIDE CASTER CONFIGURATOR

DUTY

M Medium
H Heavy
L Light

TYPE

P Plate
S Expanding Stem
T Threaded Stem
R Rigid

MOUNTING STYLE

Plate
1 #1 Plate (2-3/8" x 3-5/8")
2 #2 Plate (2-3/4" x 3-3/4")
3 #3 Plate (3-1/2" x 3-1/2")
4 Universal (3-1/2" x 3-1/2")
5 Universal Triangle
6 Universal (4" x 4-1/2")
U Universal (4" x 4")

Expanding Stem

1 1"
2 1-1/4"
3 1-1/2"
4 1-5/8"
5 2"

Threaded Stem

1 1/2-13 x 1-1/2" long
2 5/8-11 x 1-1/2" long
3 3/4-10 x 1"
4 1/2-13 x 1" long
5 5/8-11 x 1" long
6 3/8-16 x 1" long
7 1/2-13 x 3/4" long

Rigid

1 Plate
2 Stem

C X X X - X X X X - X X

WHEEL DIA.

2 2"
3 3"
35 3-1/2"
4 4"
5 5"

WHEEL TYPE

K Black Rubber
R Grey Polyurethane
P Blue Polyurethane
B Black Polyolefin

BRAKE

P Non-Brake
B Side Brake

BEARING

N Without Bearing
B With Bearing

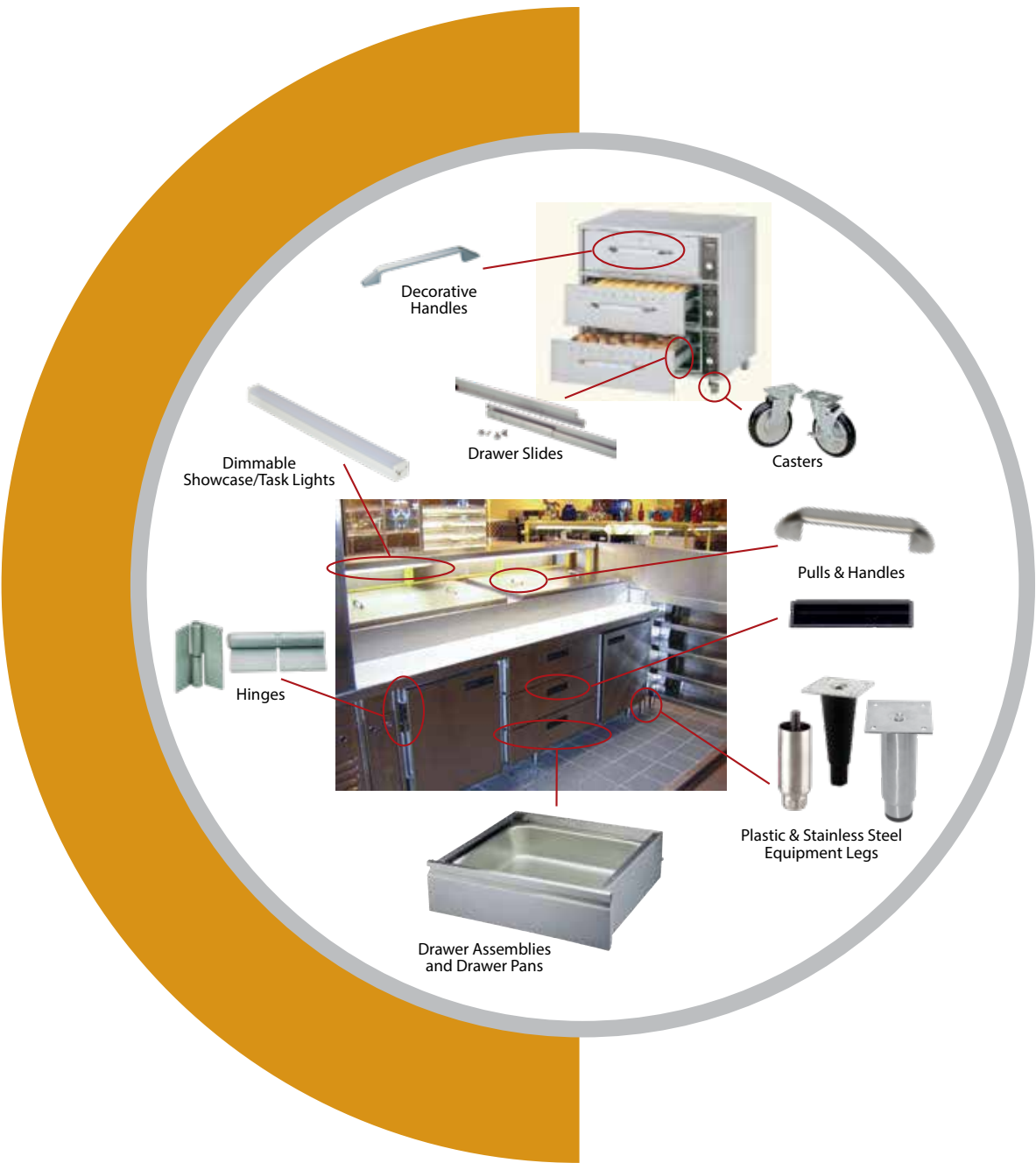
LOCK

TL Total Lock
(wheel & swivel)
TB Top Lock
(wheel only)

**REGAL RIDE
CASTER**



CABINET HARDWARE



G

DOOR HANDLES & PULL/PUSH PLATES

GRAB BARS

HANDLES

HANDLES & KNOBS

PULLS

RECESSED PULLS

HEAVY DUTY STAINLESS STEEL SLIDE AND
PADDLE LATCHES

PULLS & CATCHES

CABINET LATCHES & CONTINUOUS HINGES

LATCHES & HINGES, LIFT-OFF

HINGES

G159

LOCKS

G160

MAGNETIC CATCHES

G161

MECHANICAL CATCHES

G162

DRAWER SLIDES

G163

DRAWER PANS

G164

STAINLESS STEEL DRAWER ASSEMBLY

G165

CASH DRAWER ASSEMBLIES

G166

BUMPERS & GROMMETS

G167

BALL BEARING SYSTEMS

G168

FLAT BEARINGS

G169

CONCAVE & RUBBER TIRE BEARINGS

BALL BEARING ASSEMBLIES, PULLY & WHEEL

SLIDING DOOR COMPONENTS

G170-G171

G172

G173

G174-G177

G178

G179

G180

G181

G182

G183

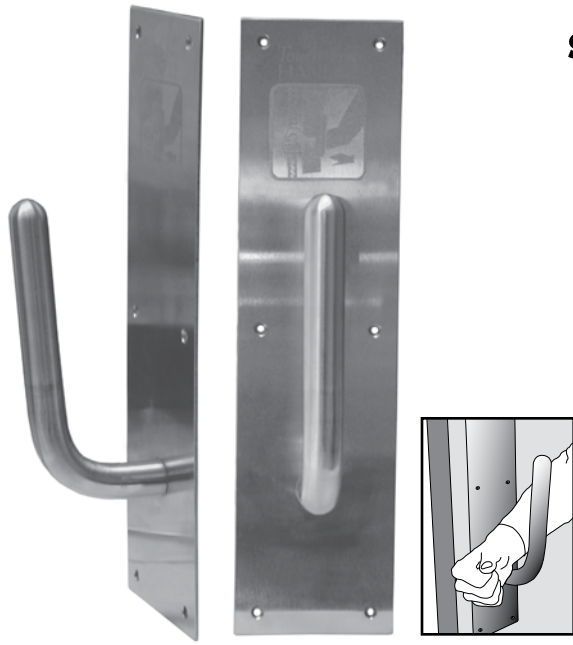
G184

G185

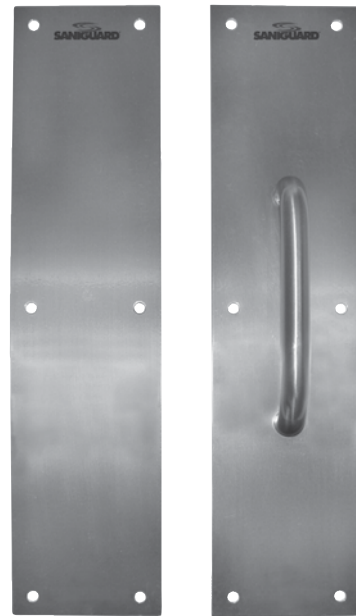
G186



DOOR HANDLES AND PULL/PUSH PLATES



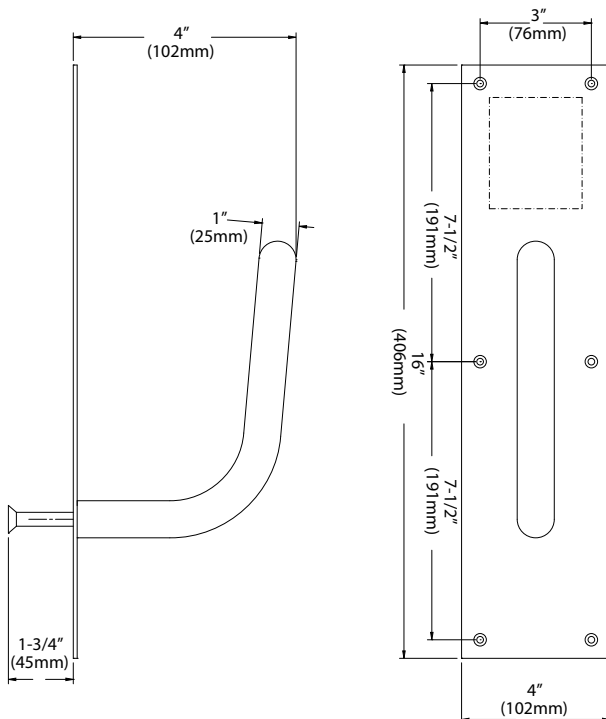
SANIGUARD®



SANIGRASP™ DOOR HANDLE

- HEAVY DUTY CONSTRUCTION MOUNTING HARDWARE INCLUDED
- FULL 1" ANGLED TUBULAR PULL FOR OPENING EASE WITH THE FOREARM
 - HOLE PATTERNS TO MATCH MOST STANDARD DOOR PUSH-PULL PLATES MAKE RETRO-FIT EASY
- PROVIDED WITH SANIGUARD® ANTIMICROBIAL PRODUCT PROTECTION
 - ELIMINATES THE NEED TO USE YOUR HAND TO OPEN RESTROOM DOOR AFTER WASHING YOUR HANDS
 - ADA AND ABA COMPLIANT

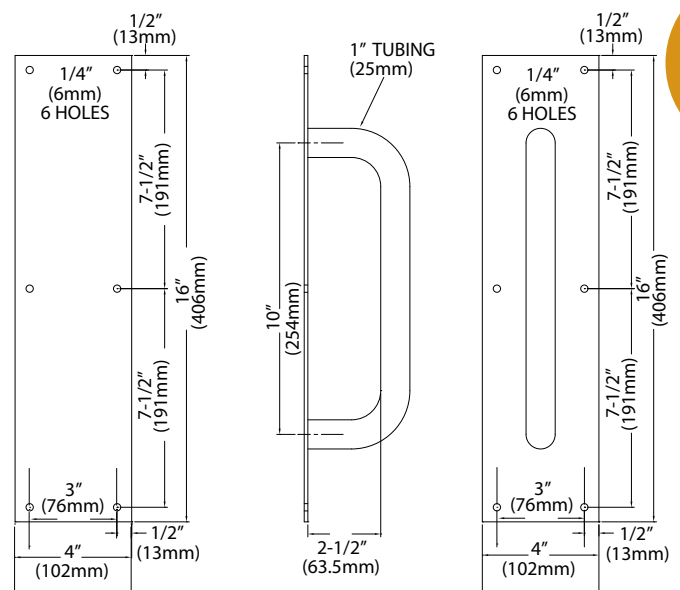
MODEL NO. SG-101



PULL/PUSH PLATES

- ALL STAINLESS STEEL CONSTRUCTION RETRO-FITS TO MOST COMMON PUSH/PULL PLATE HOLE-PATTERNS
- SANIGUARD® TREATMENT INHIBITS THE GROWTH OF BACTERIA, MOLDS AND FUNGI, WHICH CAN CAUSE ODORS, STAINING AND PRODUCT DETERIORATION AND ELIMINATES FINGERPRINTS
 - SANIGUARD® PRODUCT PROTECTION WILL LAST FOR THE USEFUL LIFE OF THE PRODUCT

MODEL NO. P75-5000



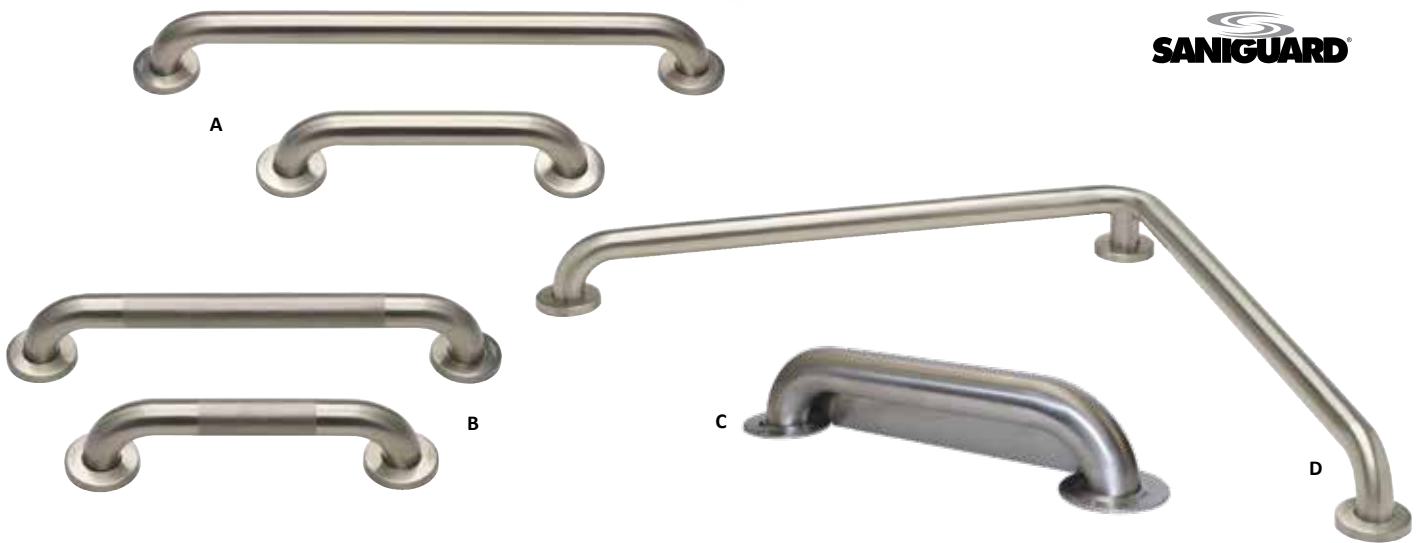
NOTE: SANIGUARD® PRODUCT PROTECTION IS DESIGNED TO KEEP THE PRODUCT FRESHER AND CLEANER BETWEEN NORMAL CLEANING ROUTINES. IT IS NOT A DISINFECTANT AND WILL NOT PROTECT USERS OR OTHERS AGAINST FOOD-BORNE ILLNESS OR DISEASE. ALWAYS USE GOOD HYGIENE AND CLEANING PRACTICES.



CUSTOM SOLUTIONS

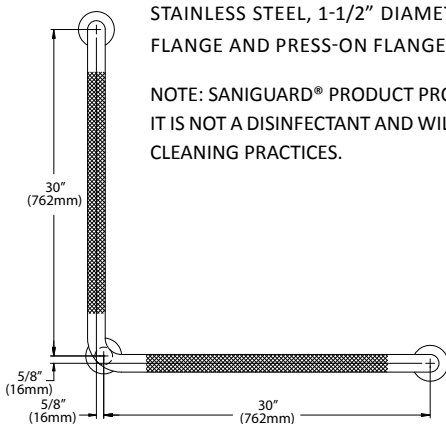
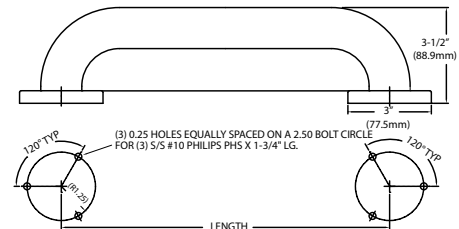
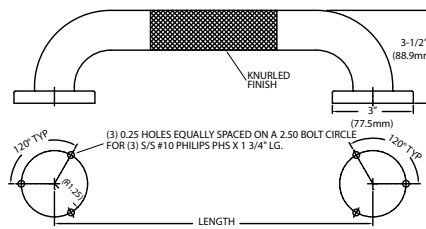
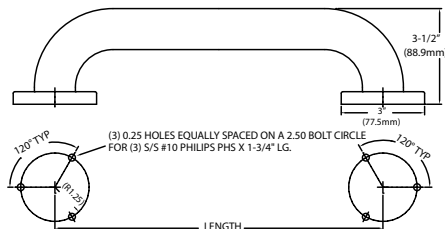
G159

GRAB BARS



GRAB BARS AND HAND RAILS

REF. A		REF. B		REF. C	
SMOOTH FINISH GRAB BAR		KNURLED FINISH GRAB BAR		PRISON ANTI-LIGATURE GRAB BAR	
MODEL NO.	DIMENSION	MODEL NO.	DIMENSION	MODEL NO.	DIMENSION
GBS15-1112-Q	12" (305mm)	GBS15-4112-Q	12" (305mm)	GBS15-1112-QP	12" (305mm)
GBS15-1116-Q	16" (406mm)	GBS15-4116-Q	16" (406mm)	GBS15-1116-QP	16" (406mm)
GBS15-1118-Q	18" (457mm)	GBS15-4118-Q	18" (457mm)	GBS15-1118-QP	18" (457mm)
GBS15-1124-Q	24" (610mm)	GBS15-4124-Q	24" (610mm)	GBS15-1124-QP	24" (610mm)
GBS15-1130-Q	30" (762mm)	GBS15-4130-Q	30" (762mm)	GBS15-1130-QP	30" (762mm)
—	—	—	—	GBS15-1132-QP	32" (813mm)
GBS15-1136-Q	36" (914mm)	—	—	GBS15-1136-QP	36" (914mm)
GBS15-1142-Q	42" (1067mm)	GBS15-4142-Q	42" (1067mm)	GBS15-1142-QP	42" (1067mm)
GBS15-1148-Q	48" (1219mm)	—	—	GBS15-1148-QP	48" (1219mm)

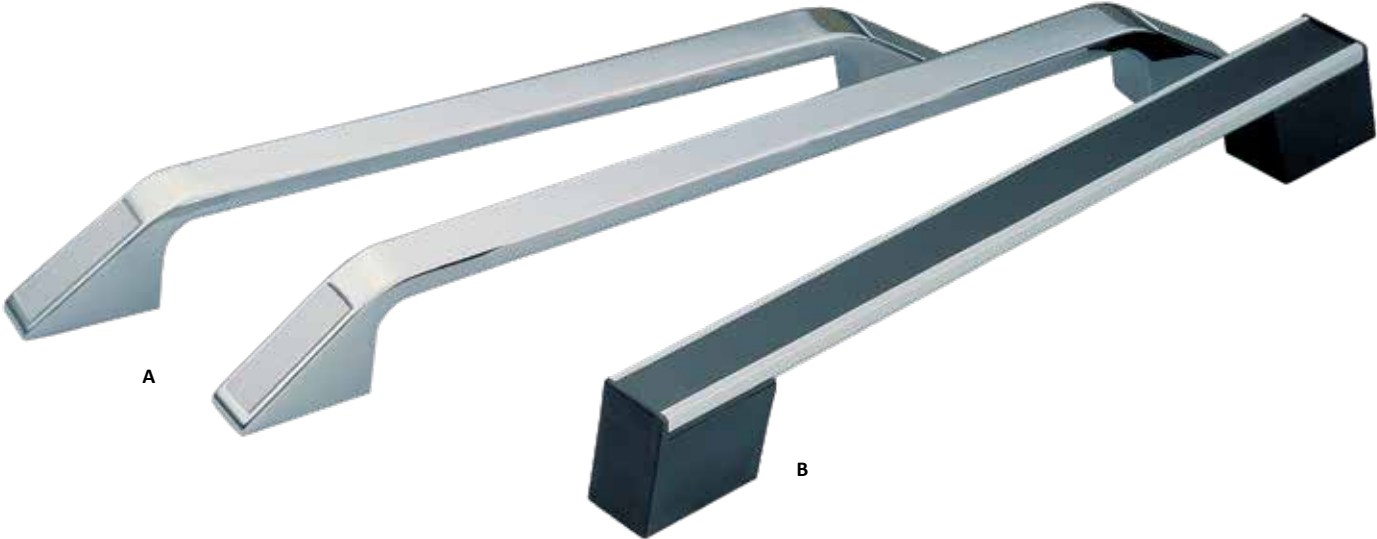


STAINLESS STEEL, 1-1/2" DIAMETER GRAB BARS. AVAILABLE IN SMOOTH OR KNURLED FINISH, COMPLETE WITH CONCEALED MOUNTING FLANGE AND PRESS-ON FLANGE COVER. ALL GRAB BARS ARE PERMANENTLY COATED WITH SANIGUARD® TREATMENT.

NOTE: SANIGUARD® PRODUCT PROTECTION IS DESIGNED TO KEEP THE PRODUCT FRESHER AND CLEANER BETWEEN NORMAL CLEANING ROUTINES. IT IS NOT A DISINFECTANT AND WILL NOT PROTECT USERS OR OTHERS AGAINST FOOD-BORNE ILLNESS OR DISEASE. ALWAYS USE GOOD HYGIENE AND CLEANING PRACTICES.

REF. D	
SMOOTH L-SHAPED GRAB BAR	
MODEL NO.	DIMENSION
GBS15-113030Q	30" x 30" (762mm x 762mm)
—	40" x 30" (1017mm x 762mm)





HANDLES

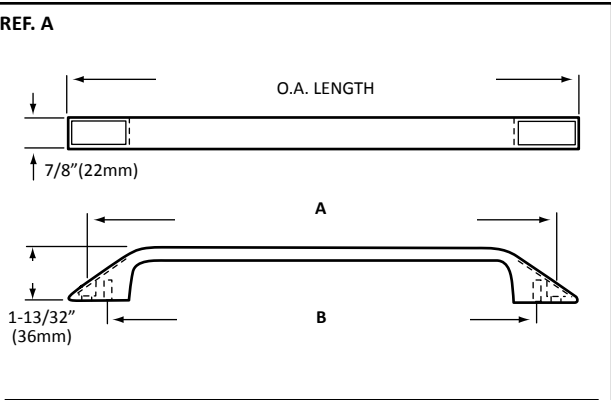
REF. A

SCULPTURED HANDLES
FEATURING...

- SOLID METAL CASTING • POLISHED CHROME FINISH
- FRONT OR REAR FASTENING • TWO LENGTHS AVAILABLE

MODEL NO.	O.A. LENGTH	"A" DIM.	"B" DIM.
P48-1010	14-5/8" (371mm)	13-7/16" (340mm)	12-7/16" (316mm)
P48-1012	12-13/16" (325mm)	11-5/8" (295mm)	10-5/8" (270mm)

NOTES:"A" DIMENSION REPRESENTS HOLE CENTERS FOR FRONT MOUNTING #10 SCREWS. "B" DIMENSION REPRESENTS THREADED HOLE CENTERS TO RECEIVE 1/4-20 SCREWS FOR REAR MOUNTING. DECORATIVE TRIM INSERTS ARE SUPPLIED TO CONCEAL FRONT MOUNTING SCREWS. EXTRA TRIM INSERTS ARE AVAILABLE AND MAY BE ORDERED AS **MODEL NO. P48-X002**.



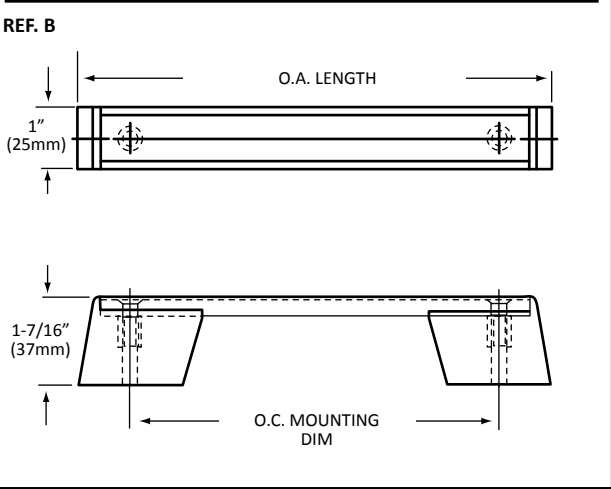
REF. B

DECORATIVE HANDLES
FEATURING...

- DUAL MOUNTING...FRONT OR REAR • TWO STANDARD LENGTHS AVAILABLE
- HEAT RESISTANT • HEAVY DUTY CONSTRUCTION
- ANODIZED ALUMINUM HANDLE WITH NYLON SUPPORTS

MODEL NO.	O.A. LENGTH	O.C. MOUNTING DIM.
P49-1500-6	7-11/16" (195mm)	6" (152mm)
P49-1500	12-1/4" (311mm)	10-5/8" (270mm)

NOTES: PRE-ASSEMBLED HANDLES WILL ACCEPT SCREWS FOR FRONT MOUNTING. INTERNAL BRASS BUSHINGS ACCEPT STANDARD 1/4-20 MACHINE SCREWS FOR REAR FASTENING. A PRESSURE SENSITIVE BLACK VINYL INSERT CONCEALS SCREW HOLES. OTHER LENGTHS AVAILABLE UPON APPLICATION ON QUANTITY ORDERS.



HANDLES & KNOBS



HANDLES & KNOBS

REF. A

HEAVY-DUTY NYLON HANDLE BRACKETS FIBERGLASS REINFORCED END BRACKETS (PR.) AND CENTER SUPPORT BRACKET (EA.)

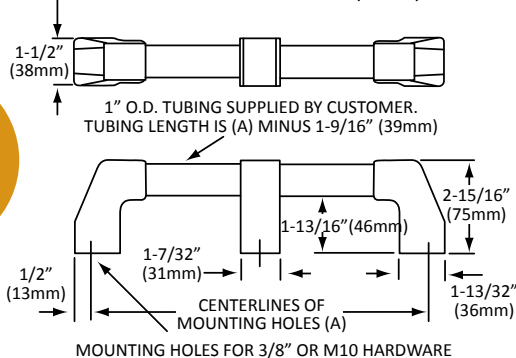
IDEAL FOR MOBILE CARTS. CONCEALED MOUNTING FEATURE.
FRONT OR REAR MOUNT.
TEMPERATURE RANGE TO 300°F (149°C).

MODEL NO. P49-2100

END BRACKET (PAIR)

MODEL NO. P49-2200

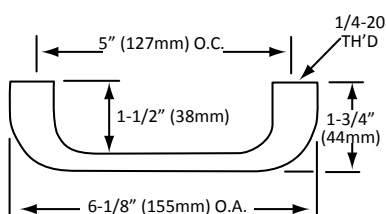
CENTER SUPPORT BRACKET (EACH)



REF. D

CHROME PLATED OFFSET HANDLE MODEL NO. P40-1010

MATERIAL: CHROME PLATED DIE CAST METAL



REF. B

HEAVY-DUTY TUBULAR HANDLES STAINLESS STEEL, SATIN FINISH

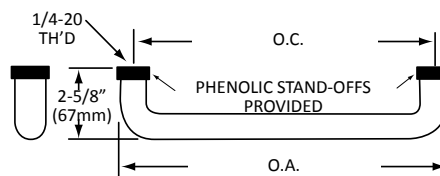
MATERIAL: 7/8" (22mm) O.D.
STAINLESS STEEL FORMED TUBING

MODEL NO. P47-1012

12-7/8" (327mm) O.A. 12" (305mm) O.C.

MODEL NO. P47-1018

18-7/8" (479mm) O.A. 18" (457mm) O.C.



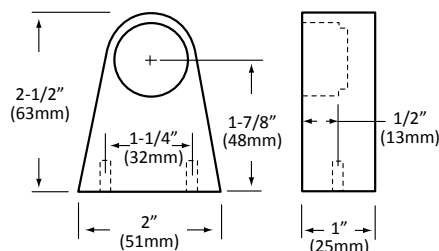
REF. E

ALUMINUM HANDLE SUPPORTS FOR 1" (25mm) O.D. TUBING

EACH SUPPORT IS TAPPED TO
RECEIVE (2) 1/4-20 SCREWS

MODEL NO. P49-1010 (ONE PAIR)

MATERIAL: DIE CAST ALUMINUM
WITH SATIN TEXTURED FINISH

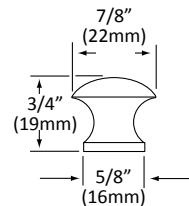


REF. C

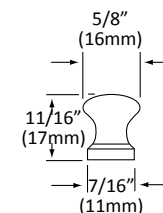
CHROME PLATED BRASS KNOBS

ALL KNOBS TAPPED TO
RECEIVE #8-32 SCREWS.

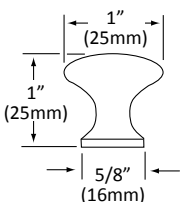
MODEL NO. P80-3000



MODEL NO. P80-3020



MODEL NO. P80-3030





PULLS

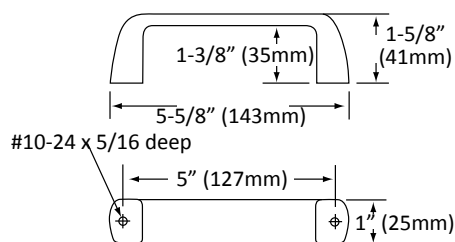
REF. A

HANDLE

BLACK NYLON FIBERGLASS REINFORCED WITH SOLID BRASS TAPPED INSERTS

IDEAL FOR HEATED CABINETS.
RATED TO 300°F (149°C TEMPERATURE).
FULL 1-3/8" GRIP CLEARANCE

MODEL NO. P53-1012



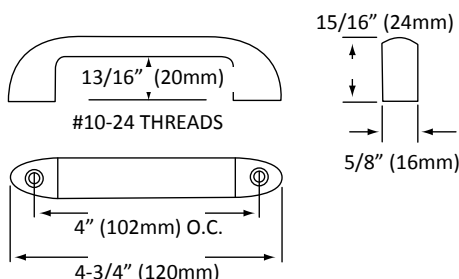
REF. B

PULLS

DIE CAST OR NYLON

MODEL NO.	MATERIAL	FINISH
P50-1010	Die Cast	Polished Chrome
P50-1011	Die Cast	Buffed Satin
P52-1010*	Nylon	Gloss Black

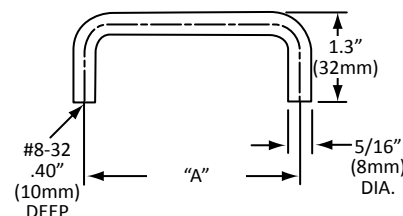
*FURNISHED WITH THREADED BRASS INSERTS



REF. C

WIRE PULLS

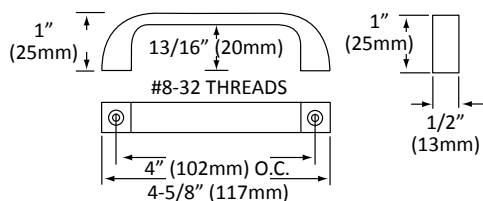
MODEL NO.	FINISH	"A"
P45-3010	Matte Chrome	3" (76mm)
P45-3510	Matte Chrome	3-1/2" (89mm)
P45-4010	Matte Chrome	4" (102mm)



REF. D

PULLS

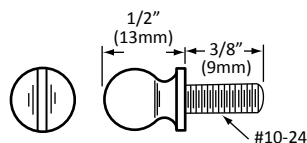
ALUMINUM ALLOY SATIN FINISH MODEL NO. P44-1010



REF. E

THUMBScrew FASTENER STAINLESS STEEL MODEL NO. P51-1024

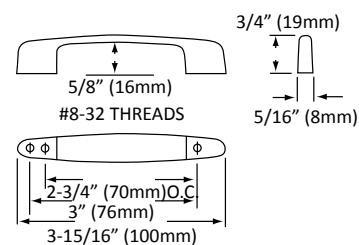
USED TO MEET NSF REQUIREMENTS WHERE
HANDLES & PULLS MUST BE FASTENED OR
REMOVED WITHOUT THE USE OF TOOLS



REF. F

PULLS

DIE CAST...CHROME PLATED MODEL NO. P51-1010

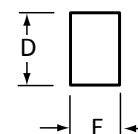
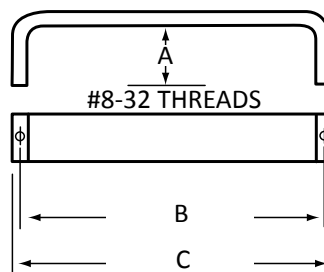


REF. G, H

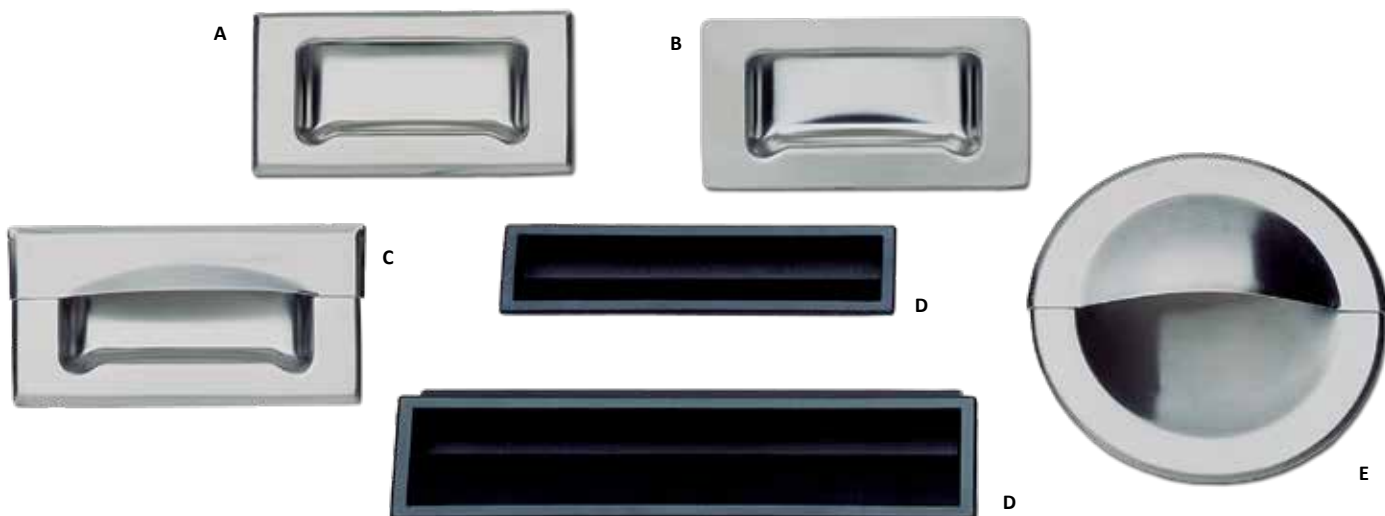
BAR PULLS, STAINLESS STEEL, SATIN FINISH

MATERIAL: 1/4" (6mm) THICK SOLID STAINLESS STEEL

REF	REF. G MODEL NO. P46-1010	REF. H MODEL NO. P46-1012
A	1" (25mm)	1" (25mm)
B	5" (127mm) O.C.	4" (102mm) O.C.
C	5-1/4" (133mm)	4-1/4" (108mm)
D	1-1/4" (32mm)	1-1/4" (32mm)
E	5/8" (16mm)	5/8" (16mm)



RECESSED PULLS

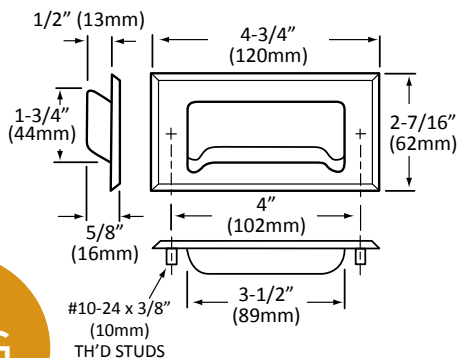


RECESSED PULLS

REF. A

DOOR PULL
STAINLESS STEEL
WITH FRAME BEVELED EDGE

MODEL NO. P62-1010
RETAINING LOCKNUTS PROVIDED



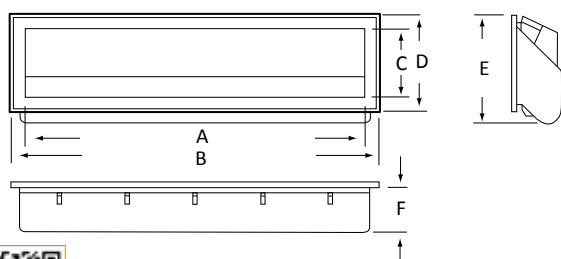
REF. D

RECESSED DOOR PULL

- BLACK ABS THERMOPLASTIC
- SHOCK RESISTANT • SNAP-IN STYLE

ONE PIECE CONSTRUCTION FOR FAST, EFFICIENT INSTALLATION

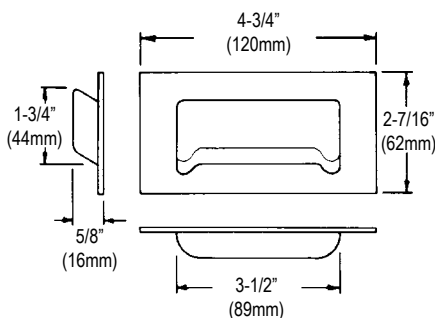
MODEL NO.	GA.	A	B	C	D	E	F
P73-1000	18	5" (127mm)	5-7/16" (138mm)	1" (25mm)	1-7/16" (37mm)	1-9/16" (40mm)	5/8" (16mm)
P73-2000	22	7" (178mm)	7-7/16" (189mm)	1-5/16" (33mm)	1-3/4" (44mm)	2-1/16" (52mm)	7/8" (22mm)



REF. B

DOOR PULL
STAINLESS STEEL
FLUSH TYPE FOR WELDING

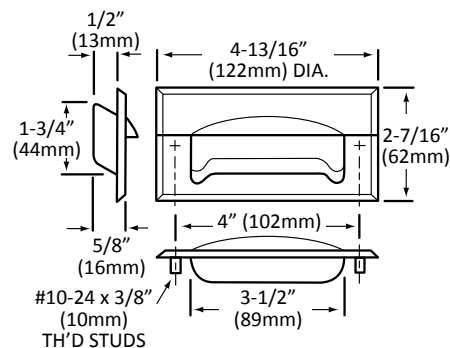
MODEL NO. P62-1014



REF. C

DRAWER PULL
STAINLESS STEEL
FULL GRIP TYPE WITH
FRAME BEVELED EDGE

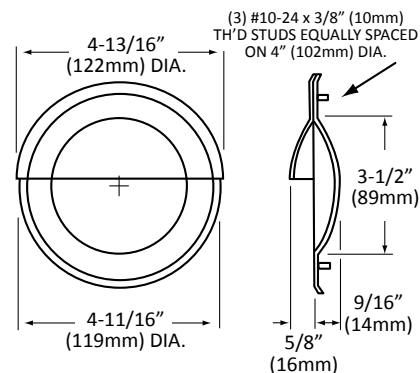
MODEL NO. P63-1012
RETAINING LOCKNUTS PROVIDED



REF. E

ROUND PULL
STAINLESS STEEL
WITH BEVELED EDGE MOUNT

MODEL NO. P60-1010
RETAINING LOCKNUTS PROVIDED



FEMALE STUD
CONVERTS MALE
STUD TO FEMALE

IDEAL FOR USE ON
WOOD CABINETS

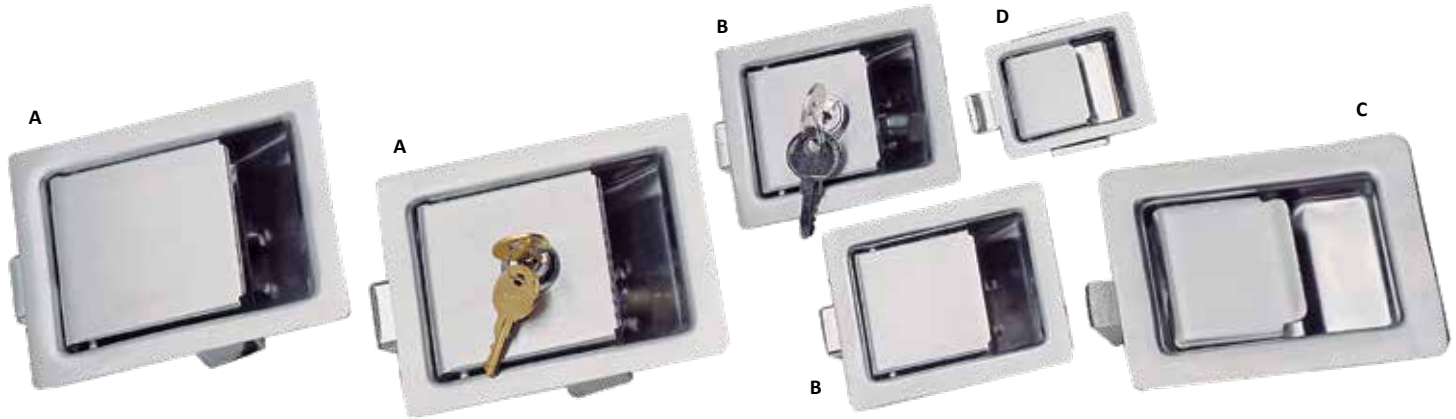


#10-24 TH'D X 5/8" (16mm) LG.

MODEL NO. P50-5000

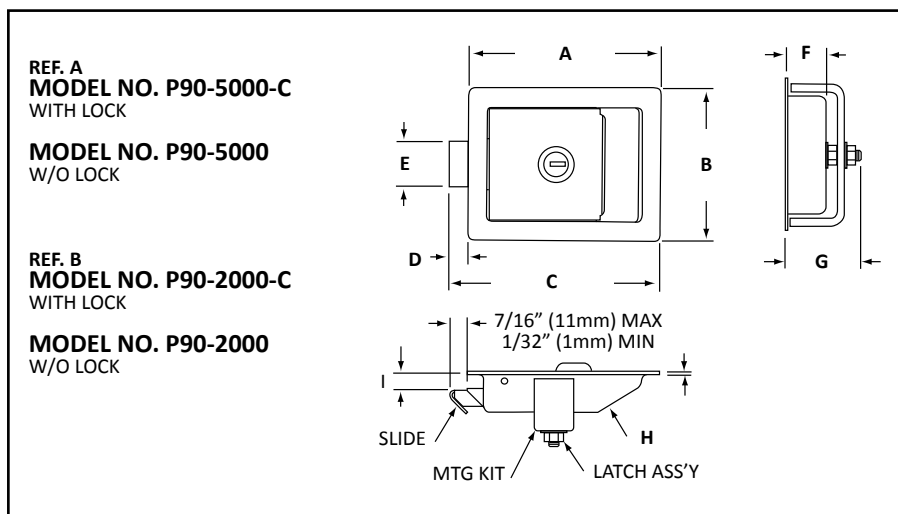
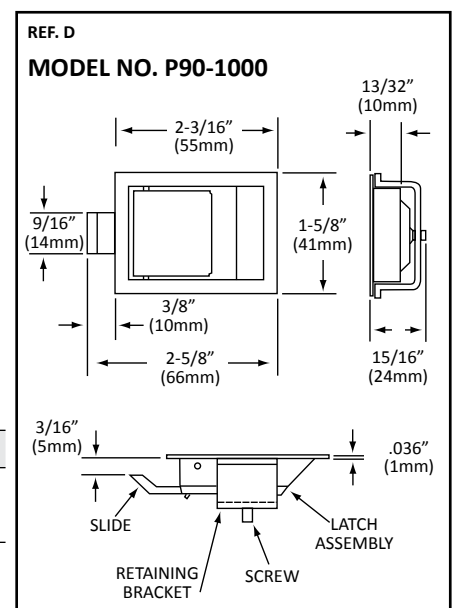
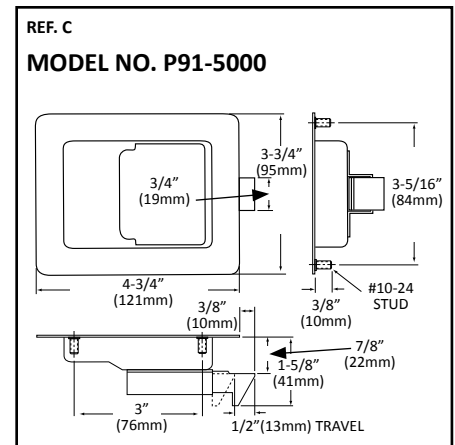


HEAVY DUTY STAINLESS STEEL PADDLE LATCHES



HEAVY- DUTY STAINLESS STEEL PADDLE LATCHES

- BRUSHED STAINLESS STEEL FINISH
- RUGGED ALL STAINLESS CONSTRUCTION
- ALLOWS FOR CLEAN, FLUSH MOUNTING
- CONVENIENT SIZE LATCHES OFFER A WIDE RANGE OF APPLICATION
- ECONOMICALLY PRICED
- UNIQUE REAR MOUNTING BRACKET PROVIDES FAST INSTALLATION
- IDEAL FOR MOBILE CARTS AND ACCESS DOORS WHERE CONVENTIONAL SURFACE MOUNTED HARDWARE IS INAPPROPRIATE



REF	MODEL NO.	A	B	C	D	E	F	G	H	I
A	P90-5000	5"	4"	5-3/8"	1/2"	1-5/32"	1-1/32"	1-29/32"	.63"	7/16"
	P90-5000-C	(127mm)	(102mm)	(137mm)	(13mm)	(29mm)	(26mm)	(48mm)	(16mm)	(11mm)
B	P90-2000	3-5/16"	2-11/16"	3-5/8"	5/16"	3/4"	3/4"	1-13/32"	.048"	5/16"
	P90-2000-C	(84mm)	(68mm)	(92mm)	(8mm)	(19mm)	(19mm)	(36mm)	(2mm)	(8mm)



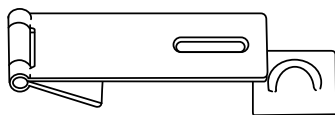
PULLS & CATCHES



PULLS & CATCHES

REF. A

HASP & STAPLE, STAINLESS STEEL

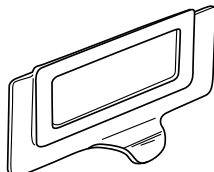


MODEL NO. M80-2500

2-1/2" x 1" x .072
(63mm x 25mm x 2mm)

REF. B

CARDHOLDER & PULL, STAINLESS STEEL



MODEL NO. P88-1010

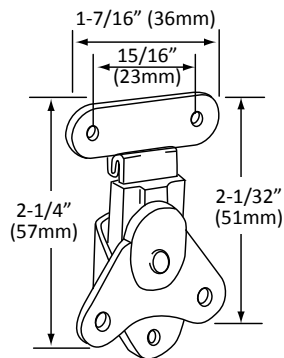
OVERALL SIZE:
2-15/16" x 1-5/16" (74mm x 33mm)
CARD SIZE:
2-1/8" x 1-1/8" (54mm x 28mm)

REF. C

LINK-LOCKING LATCH, STAINLESS STEEL

MODEL NO. M11-8201

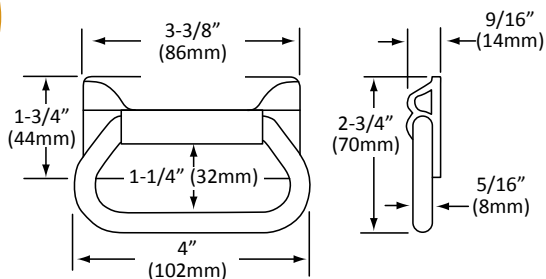
HEIGHT: 2-1/4" (57mm)
WIDTH: 1-7/16" (36mm)
PROFILE: 1/2" (12mm)
PULL DOWN PRESSURE: 90 lbs (41kg)
LOAD CAPACITY: 300 lbs (136kg)



REF. D

HEAVY DUTY, STRAIGHT BACK DROP HANDLE, STAINLESS STEEL

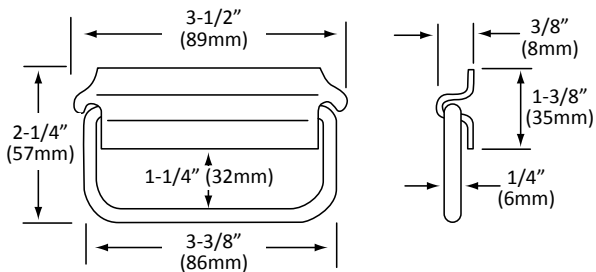
MODEL NO. P68-1010



REF. E

STRAIGHT BACK DROP HANDLE, STAINLESS STEEL

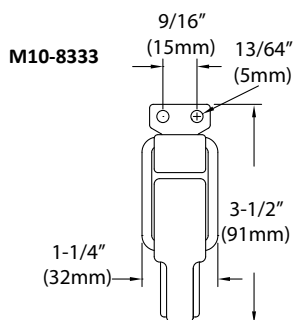
MODEL NO. P70-1010



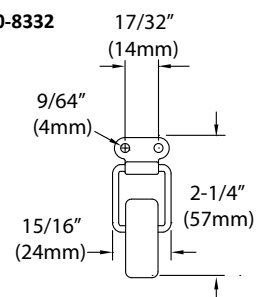
REF. F

DRAWER-TITE ACTION CATCHES STAINLESS STEEL

MODEL NO.	LENGTH	WIDTH	HOLES
M10-8332	2-1/4" (57mm)	1" (25mm)	.132 (3mm)
M10-8333	3-3/8" (86mm)	1-1/4" (32mm)	.195 (5mm)



M10-8332



CABINET LATCHES & CONTINUOUS HINGE

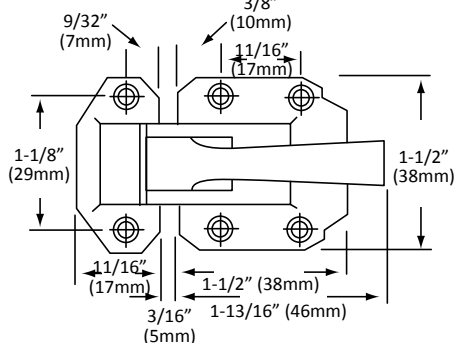


CABINET LATCHES, HANDLES LATCHES & CONTINUOUS HINGES

REF. A

CABINET LATCHES

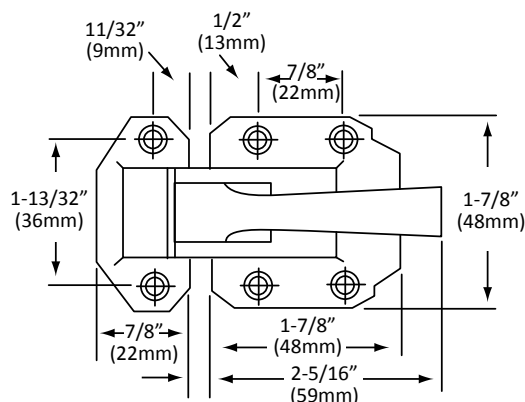
- PROVIDED WITH FLUSH, 1/8" (3mm) and 3/8" (10mm) KEEPERS
- CHROME PLATED DIE CAST ZAMAK



STANDARD DUTY

- MOUNTING HOLES Ø.150 THRU WITH Ø.279 X 82° CSK
- TOTAL 6 MOUNTING HOLES
- MOUNTING HOLES TO SUIT #6 FLAT HEAD SCREW

MODEL NO. M15-9210



HEAVY DUTY

- MOUNTING HOLES Ø.177 THRU WITH Ø.332 X 82° CSK
- TOTAL 6 MOUNTING HOLES
- MOUNTING HOLES TO SUIT #8 FLAT HEAD SCREW

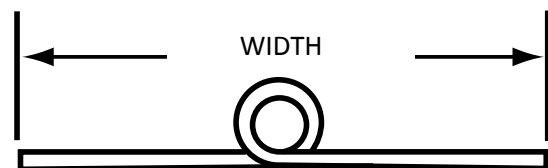
MODEL NO. M15-9211

REF. B

CONTINUOUS HINGE STAINLESS STEEL WITH STAINLESS STEEL PIN

MODEL NO.	WIDTH	LENGTH	GAUGE	PIN DIA.
M48-0112	3/4" (19mm)	72" (1829mm)	.035 (0.9mm)	.086 (2.2mm)
M48-0121	1-1/16" (27mm)	72" (1829mm)	.035 (0.9mm)	.086 (2.2mm)
M48-0122	1-1/16" (27mm)	72" (1829mm)	.040 (1.0mm)	.086 (2mm)
M48-0131	1-1/2" (38mm)	72" (1829mm)	.035 (0.9mm)	.090 (2.3mm)
M48-0132	1-1/2" (38mm)	72" (1829mm)	.040 (1.0mm)	.090 (2.3mm)
M48-0142	2" (51mm)	72" (1829mm)	.040 (1.0mm)	.120 (3mm)
M48-0143	2" (51mm)	72" (1829mm)	.050 (1.3mm)	.120 (3mm)
M48-0144	2" (51mm)	72" (1829mm)	.060 (1.5mm)	.120 (3mm)
M48-0134	1-1/2" (38mm)	72" (1829mm)	.060 (1.6mm)	.125 (3.2mm)

NOTE: HINGE FURNISHED WITHOUT HOLES. OTHER SIZES AVAILABLE UPON REQUEST.

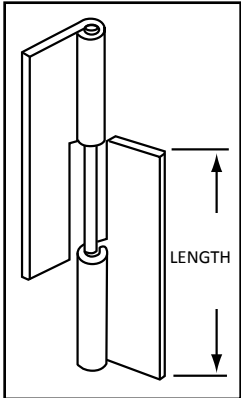


LIFT-OFF HINGES

LIFT-OFF HINGES



LIFT-OFF FLAG HINGE, STAINLESS STEEL



RIGHT HAND HINGE ILLUSTRATED

MODEL NO.	LENGTH	OPEN	GAUGE	PIN DIA.	HAND
R74-8000-RH	2" (51mm)	1-3/4" (44mm)	.075 (2mm)	3/16" (5mm)	R.H.
R74-8001-LH	2" (51mm)	1-3/4" (44mm)	.075 (2mm)	3/16" (5mm)	L.H.
R74-8100-RH	3" (76mm)	2" (51mm)	.075 (2mm)	3/16" (5mm)	R.H.
R74-8101-LH	3" (76mm)	2" (51mm)	.075 (2mm)	3/16" (5mm)	L.H.
R74-9000-RH	2" (51mm)	1-1/4" (32mm)	.060 (1.6mm)	1/8" (3mm)	R.H.
R74-9001-LH	2" (51mm)	1-1/4" (32mm)	.060 (1.6mm)	1/8" (3mm)	L.H.

NOTES: ALL HINGES ARE FURNISHED WITHOUT HOLES

LIFT-OFF FLAG HINGE

- SWEDGED KNUCKLE • NON-HANDED • STAINLESS STEEL and NYLON BEARING
- ELIMINATES MORTISING OF DOOR OR JAMB • MINIMUM DOOR CLEARANCE REQUIRED

STANDARD DUTY

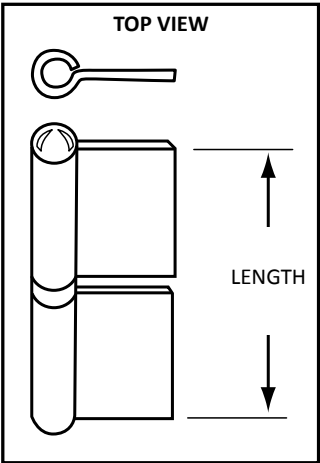
MODEL NO. M75-1002

2-1/16" (52mm) LG. x
1-3/32" (28mm) x .075 (2mm)
3/16" (5mm) PIN DIA.

HEAVY DUTY

MODEL NO. M75-5003

3" (76mm) LG. x
1-3/8" (35mm) x .075 (2mm)
1/4" (6mm) PIN DIA.



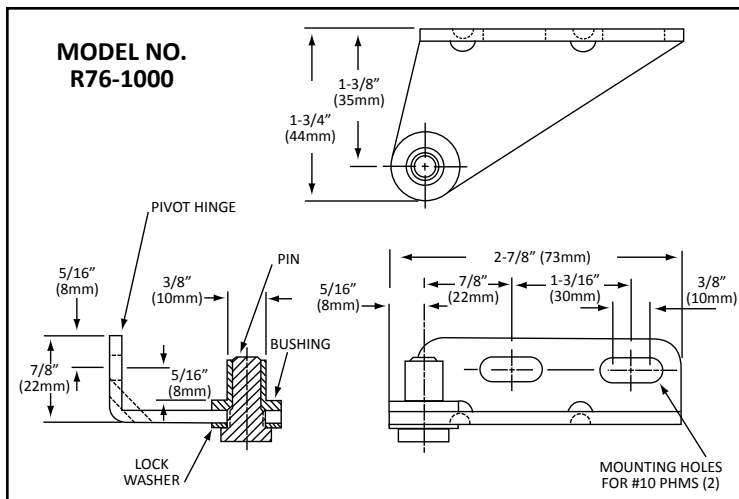


HINGES

REF. A

CONCEALED PIVOT HINGES STAINLESS STEEL

- OBLONG MOUNTING HOLES FOR EASY DOOR ADJUSTMENT
- SELF-LUBRICATING BRONZE PIVOT BUSHING
- REMOVABLE PIVOT PIN ALLOWS DOOR TO BE REMOVED WITHOUT DISASSEMBLING ENTIRE BRACKET
- SUPPLIED AS A SET...REVERSIBLE FOR LEFT OR RIGHT-HANDED DOORS



REF. C

BUTT HINGES STAINLESS STEEL

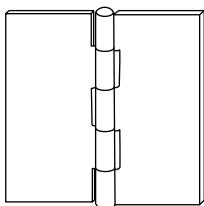
MODEL NO. M74-2078

2" (51mm) LG. x 2" (51mm) OPEN x 14 ga (2mm)
.187 (5mm) PIN DIA.

MODEL NO. M74-3078

3" (76mm) LG. x 3" (76mm) OPEN x 14 ga (2mm)
.187 (5mm) PIN DIA.

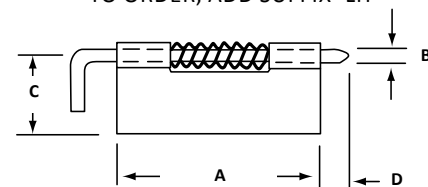
NOTE: HINGES ARE FURNISHED WITHOUT HOLES.



REF. B

RIGHT HAND LATCH HINGES STAINLESS STEEL

LEFT HAND MODELS AVAILABLE ON APPLICATION
TO ORDER, ADD SUFFIX -LH

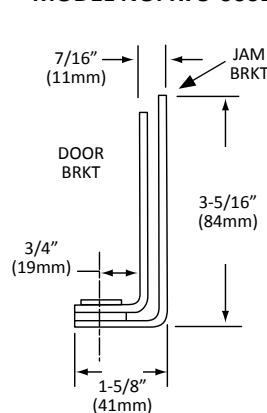


MODEL NO.	A	B	C	D	GAUGE
M12-9293	1-3/8" (35mm)	5/32" (4mm)	3/4" (19mm)	1/4" (6mm)	.040 (.1mm)
M12-9294	2" (51mm)	3/16" (5mm)	7/8" (22mm)	3/8" (10mm)	.050 (1mm)
M12-9295	2-3/4" (70mm)	1/4" (6mm)	1" (25mm)	1/2" (13mm)	.062 (2mm)

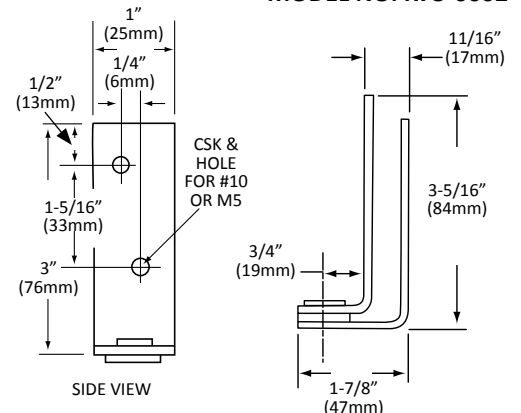
REF. D

PIVOT HINGES NICKEL PLATED STEEL

SMALL OFFSET MODEL NO. R75-6661



LARGE OFFSET MODEL NO. R75-6662



UTILITY CAM LOCKS



CAM LOCKS

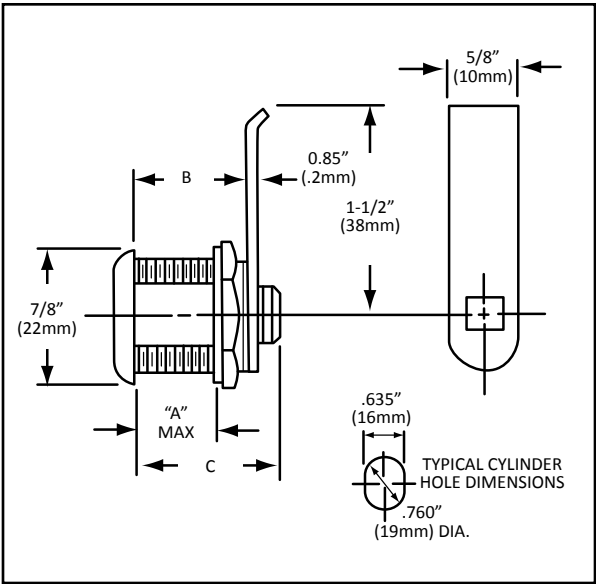
STAINLESS STEEL FACED UTILITY LOCKS

- DISC TUMBLER • FOUR BARREL LENGTHS AVAILABLE • PERMITS MATERIAL THICKNESS TO 1-3/16" (30mm)
- KEY REMOVABLE IN LOCKED OR UNLOCKED POSITION • FURNISHED WITH TWO KEYS

MODEL NO.	A	B	C	KEYING
P30-4750	9/32" (7mm)	5/8" (16mm)	7/8" (22mm)	Alike
P30-4751	9/32" (7mm)	5/8" (16mm)	7/8" (22mm)	Different
P30-4760	11/16" (17mm)	7/8" (22mm)	1-1/8" (28mm)	ALIKE
P30-4761	11/16" (17mm)	7/8" (22mm)	1-1/8" (28mm)	Different
P30-4770	15/16" (24mm)	1-1/8" (28mm)	1-3/8" (35mm)	Alike
P30-4771	15/16" (24mm)	1-1/8" (28mm)	1-3/8" (35mm)	Different
P30-4772	15/16" (24mm)	1-1/8" (28mm)	1-3/8" (35mm)	Different & Master Keyed
P30-4780	1-1/8" (28mm)	1-3/8" (35mm)	1-5/8" (41mm)	Alike

TO ORDER ADDITIONAL KEYS (KEYED-ALIKE-TYPE 802) USE **MODEL NO. P30-0802**
TO ORDER MASTER KEYS USE **MODEL NO. P30-1000**

NOTE: CAMS OPERATE IN 180° SEMI-CIRCLE. 90° OPERATING CAMS AVAILABLE UPON APPLICATION (ALSO AVAILABLE AS KEYED ALIKE IN SERIES). SPUR WASHERS FOR WOOD DRAWERS AVAILABLE ON SPECIAL ORDER.



G





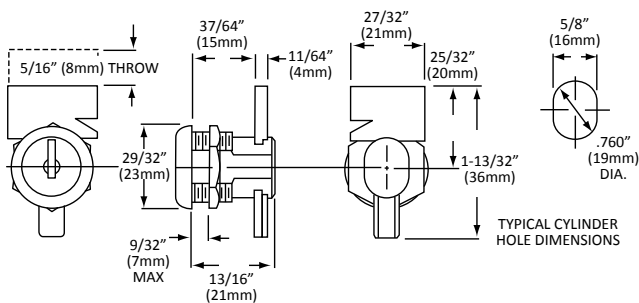
SPECIALTY LOCKS

REF. A

T-BOLT LOCK STAINLESS STEEL FACED

- FIVE DISC TUMBLER
- FOR HOLLOW METAL DRAWERS AND FOAMED IN PLACE DOORS
- HEAVY-DUTY VERTICAL DEAD BOLT REMOVABLE FOR INSTALLATION
- FURNISHED WITH TWO BRASS KEYS

MODEL NO. P11-0480

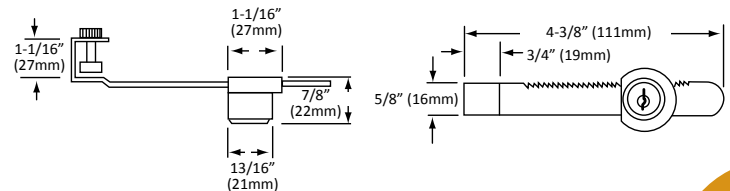


REF. B

SLIDING DOOR LOCK ADJUSTABLE

- POLISHED CHROME FINISH • TAMPERPROOF
- FOR GLASS DOORS UP TO 11/16" (17mm) THICK
- WOOD, WOOD FRAMED, OR METAL DOORS UP TO 1" (25mm) THICK
- RATCHET BAR IS TIGHTENED IN POSITION WITH THUMBSCREW

MODEL NO. P22-0006

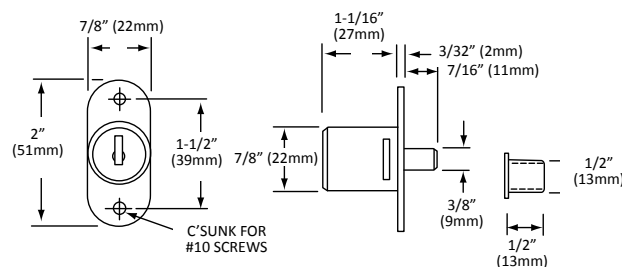


REF. C

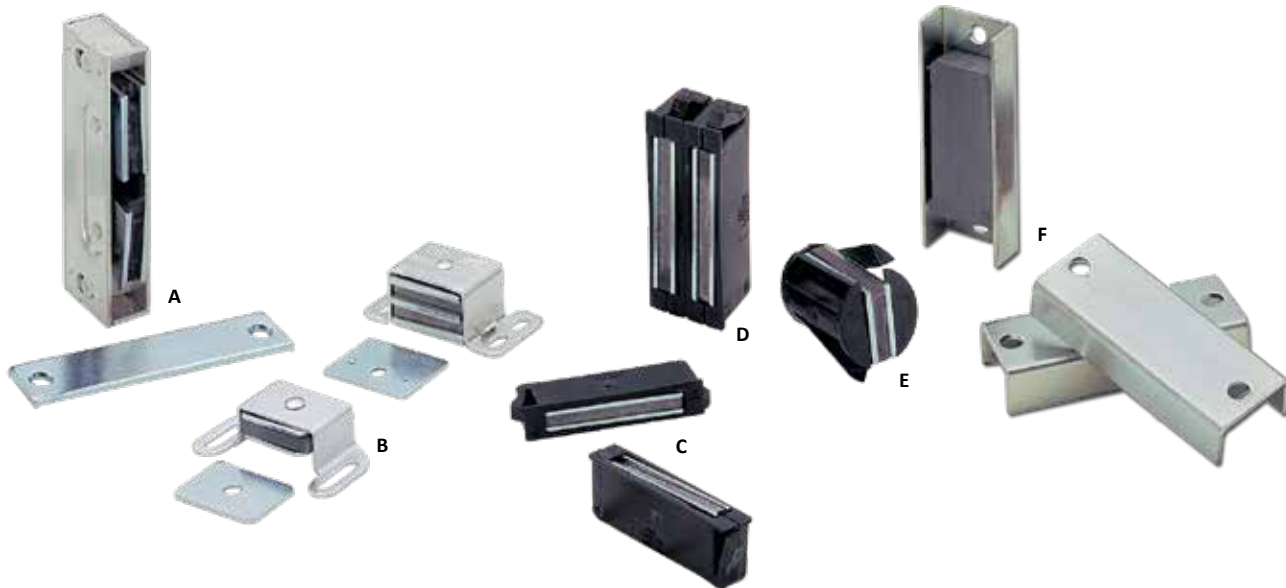
PLUNGER LOCK

- NICKEL PLATED • FIVE DISC TUMBLER
- FOR BYPASSING DOORS APPROX. 3/4" (19mm) THICK AND OVER
- SUPPLIED WITH EASY TO INSTALL "PUSH-IN" BOLT RECEIVER
- LOCKING CYLINDER CANNOT BE REMOVED FROM HOUSING WITHOUT KEY

MODEL NO. P20-0490



MAGNETIC CATCHES



MAGNETIC CATCHES

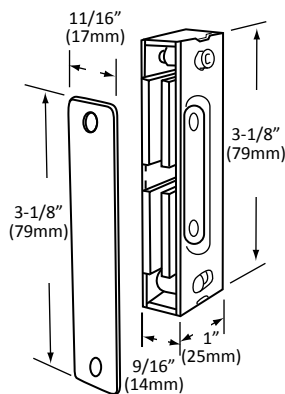
REF. A

CABINET CATCH MAGNETIC

HEAVY DUTY
DOUBLE MAGNET

MODEL NO. M32-2401

MATERIAL: ALUMINUM
WITH CONCEALED MAGNETS
30 lbs (13.6 kg) PULL



REF. B

CABINET CATCH MAGNETIC

SINGLE MAGNET

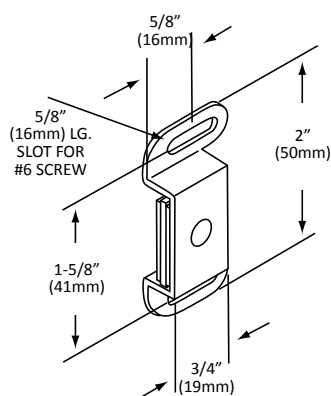
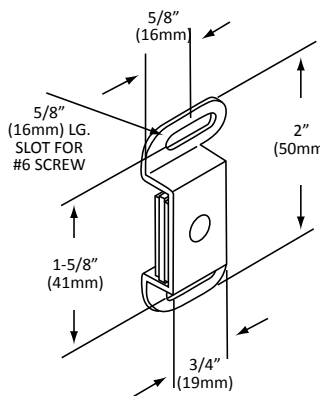
MODEL NO. M30-2400

SIZE: 2" x 1-1/16" x 1/2"
(51mm x 27mm x 13mm)
12 lbs (5 kg) PULL

DOUBLE MAGNET

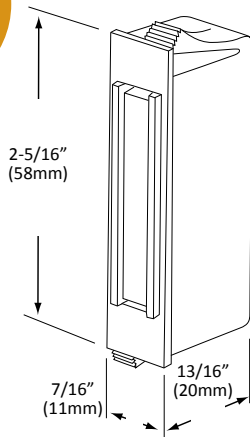
MODEL NO. M30-5920

SIZE: 2" x 1-1/16" x 3/4"
(51mm x 27mm x 19mm)
20 lbs (9 kg) PULL



REF. C

CABINET CATCH MAGNETIC, SNAP-IN TYPE

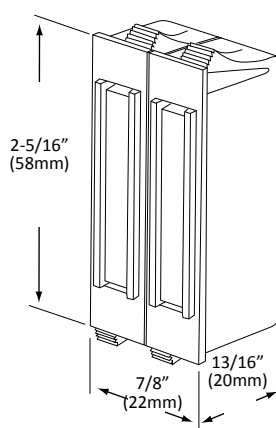


MODEL NO. M36-0201

MATERIAL: BLACK POLYPROPYLENE
WITH CONCEALED MAGNETS
12 lbs (5kg) PULL
CUT OUT DIMENSIONS
2.25" x 0.38"

REF. D

CABINET CATCH MAGNETIC, SNAP-IN TYPE

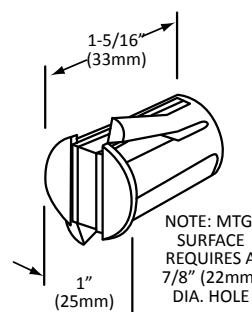


MODEL NO. M36-0801

MATERIAL: BLACK POLYPROPYLENE
WITH CONCEALED MAGNETS
30 lbs (13kg) PULL
CUT OUT DIMENSIONS
2.25" x 0.828"

REF. E

CABINET CATCH MAGNETIC, SNAP-IN TYPE

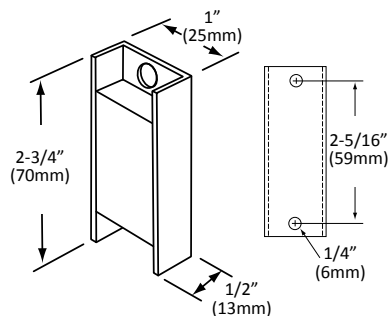


MODEL NO. M36-0611

MATERIAL: BLACK POLYPROPYLENE
WITH CONCEALED MAGNETS
13 lbs (6kg) PULL

REF. F

CABINET CATCH MAGNETIC, CONCEALED TYPE



SINGLE CATCH MAGNET
MODEL NO. M35-1000

14 lbs (6kg) PULL
(STEEL BACKING PLATE REQUIRED)

FURNISHED AS SET OF TWO
WITH ATTRACTING POLARITY
FOR A STRONGER PULL

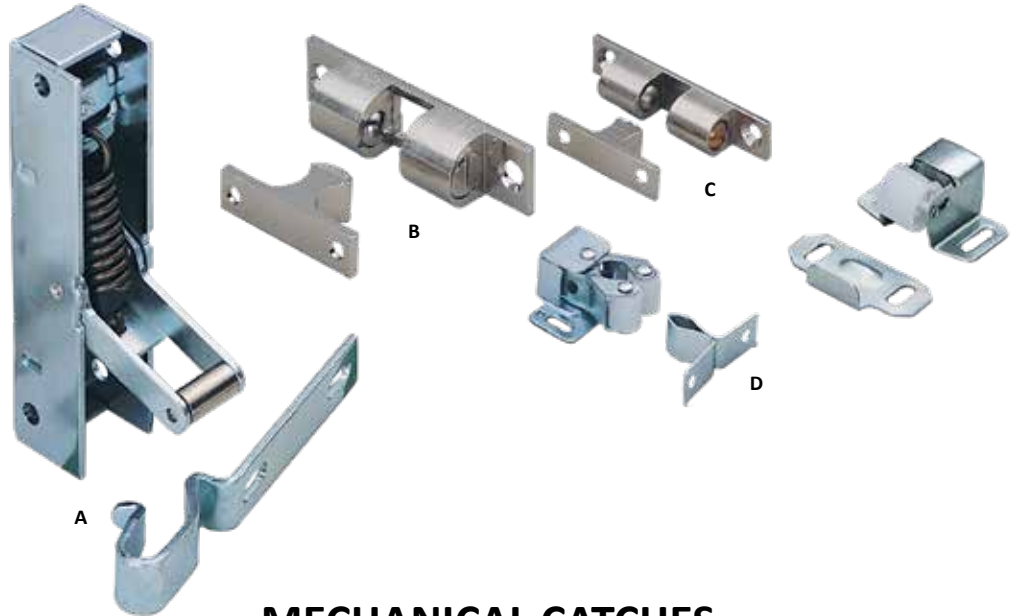
MODEL NO. M35-2000

MATERIAL: ZINC PLATED STEEL WITH
CONCEALED MAGNETS
• 18 lbs (8kg) PULL

G

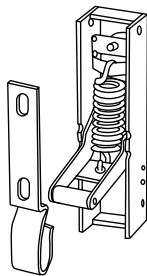


MECHANICAL CATCHES



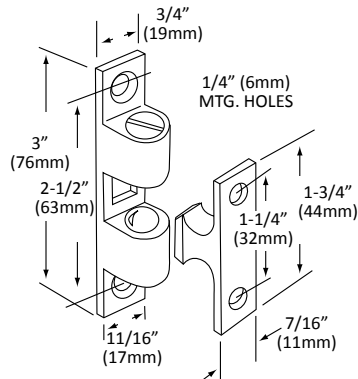
MECHANICAL CATCHES

REF. A
DOOR CATCH
HEAVY-DUTY
ADJUSTABLE TENSION



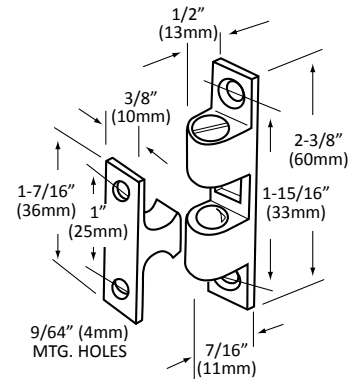
MODEL NO. M27-2490
8 lbs (3.6kg) PULL
SIZE: 1" X 4" (25mm x 102mm)
MATERIAL: STEEL, NICKEL PLATED

REF. B
DOOR CATCH
HEAVY DUTY, 4 WAY*
WITH ADJUSTABLE SPRING
LOADED BALL TENSION



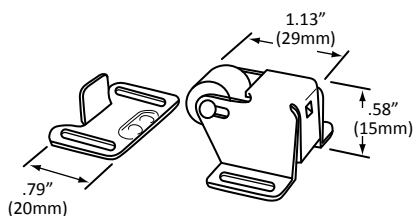
MODEL NO. M22-2430
MATERIAL: SOLID BRASS
WITH SATIN NICKEL FINISH
AND STAINLESS STEEL BALLS
*CATCH MAY BE USED FOR MORTISE
OR SURFACE MOUNT APPLICATION

REF. C
DOOR CATCH
STANDARD DUTY
WITH ADJUSTABLE SPRING
LOADED BALL TENSION



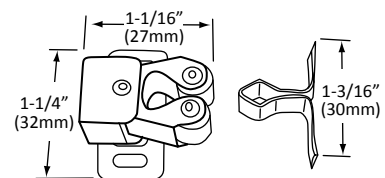
MODEL NO. M22-2420
MATERIAL: SOLID BRASS
WITH SATIN NICKEL FINISH
STAINLESS STEEL BALLS
AND SPRINGS

REF. D
SURFACE BOX CATCH
WITH SPRING LOADED
NYLON ROLLER



MODEL NO. M24-2260
MATERIAL: ZINC PLATED STEEL

REF. E
CABINET CATCH
FRICTION TYPE
WITH SPRING ACTION NYLON ROLLERS



MODEL NO. M21-2580
MATERIAL: ZINC PLATED STEEL



HEAVY DUTY STAINLESS STEEL DRAWER SLIDES



S52 STAINLESS STEEL SERIES

- NSF LISTED
- STAINLESS STEEL FULL EXTENSION
- 200 lbs (100 kg) LOAD CAPACITY
- SLIDES AND ROLLERS EASILY REMOVED
- INCLUDES 8 BALL BEARING ASSEMBLIES
- RETAINER PLATES...KEEPS SLIDES IN POSITION EVEN WHEN DRAWERS ARE REMOVED
- FULLY WELDED STOPS

SPECIFICATIONS

MOUNTING SPACE REQUIRED	HEIGHT	25/32" (20mm)
DRAWER EXTENSION	HEIGHT	2-7/16" (62mm)
LOAD CAPACITY	FULL TRAVEL	200 lbs (100kg) PER PAIR WITH STAINLESS STEEL BEARINGS 150 lbs (68kg) PER PAIR WITH DELRIN BEARINGS
MATERIAL		14 ga (2mm) STAINLESS STEEL
ACTION		SOLID DELRIN OR STAINLESS STEEL BALL BEARING WHEELS WITH REMOVABLE STAINLESS STEEL SCREWS

NOTE: LOAD RATING BASED ON 20"(500mm) SLIDE LENGTH
PACKAGED 6 PAIR PER CARTON

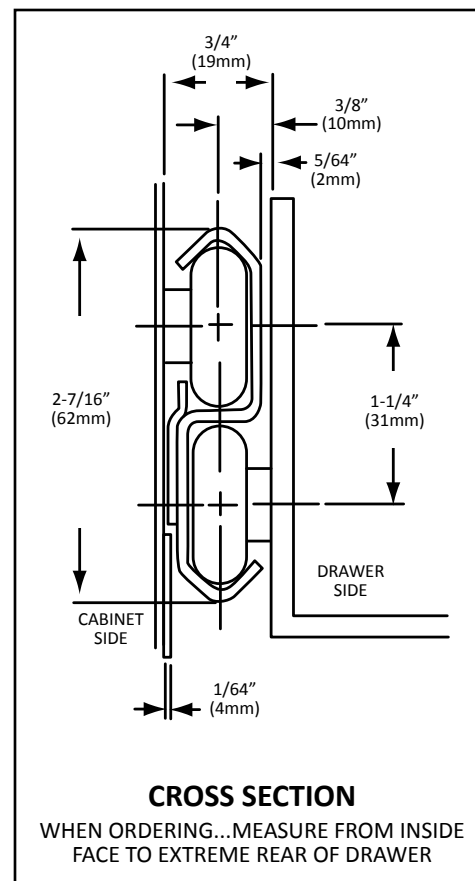
S52 SERIES STAINLESS STEEL FULL EXTENSION DRAWER SLIDES WITH STAINLESS STEEL BEARINGS

MODEL NO.	SIZE
S52-0020	20" (508mm)
S52-0022	22" (559mm)
S52-0024	24" (610mm)
S52-0026	26" (660mm)

S52 SERIES STAINLESS STEEL FULL EXTENSION DRAWER SLIDES WITH DELRIN BEARINGS

MODEL NO.	SIZE
S52-2020	20" (508mm)
S52-2022	22" (559mm)
S52-2024	24" (610mm)
S52-2026	26" (660mm)

NOTE: BOTH MODELS ARE FURNISHED WITH REMOVABLE STAINLESS STEEL THREADED FASTENERS



NOTE: STAINLESS STEEL BALL BEARING ASSEMBLIES W/REMOVABLE STAINLESS STEEL THREADED FASTENERS (MODEL NO. S52-X001) AND DELRIN BEARING COMPLETE W/REMOVABLE STAINLESS STEEL THREADED FASTENERS (MODEL NO. S52-X101) MAY BE ORDERED SEPARATELY. SEE PAGE G197



DRAWER SLIDES



S26 STAINLESS STEEL SERIES

- NSF LISTED
- STAINLESS STEEL
- FULL EXTENSION
- 100 lbs (50kg) LOAD CAPACITY
- EASY INSTALLATION
- SLIDES & ROLLERS EASILY REMOVED FOR CLEANING
- INCLUDES (8) S/S BALL BEARING ASSEMBLIES
- RETAINER PLATES...KEEPS SLIDES IN POSITION EVEN WHEN DRAWERS ARE REMOVED
- POSITIVE STOPS

SPECIFICATIONS

MOUNTING	SIDE
SPACE REQUIRED	5/8" (15mm)
HEIGHT	1-27/32" (21mm)
DRAWER EXTENSION	FULL TRAVEL
LOAD CAPACITY	100 lbs (45kg) PER PAIR
ACTION	STAINLESS STEEL BALL BEARING WHEELS WITH REMOVABLE STAINLESS STEEL SCREWS

NOTE: LOAD RATING BASED ON 20" (508mm) SLIDE LENGTH
PACKAGED 10 PAIR PER CARTON

S10 ZINC PLATED STEEL SERIES

- NSF LISTED
- ECONOMICAL ZINC PLATED STEEL
- FULL EXTENSION
- 100 lbs (50kg) LOAD CAPACITY
- EASY INSTALLATION
- SLIDES & ROLLERS EASILY REMOVED FOR CLEANING
- INCLUDES (8) BALL BEARING ASSEMBLIES
- RETAINER PLATES...KEEPS SLIDES IN POSITION EVEN WHEN DRAWERS ARE REMOVED
- POSITIVE STOPS

SPECIFICATIONS

MOUNTING	SIDE
SPACE REQUIRED	5/8" (15mm)
HEIGHT	1-27/32" (21mm)
DRAWER EXTENSION	FULL TRAVEL
LOAD CAPACITY	100 lbs (45kg) PER PAIR
MATERIAL	COLD ROLLED ZINC PLATED STEEL
ACTION	ZINC PLATED STEEL BALL BEARING WHEELS WITH REMOVABLE ZINC PLATED STEEL SCREWS

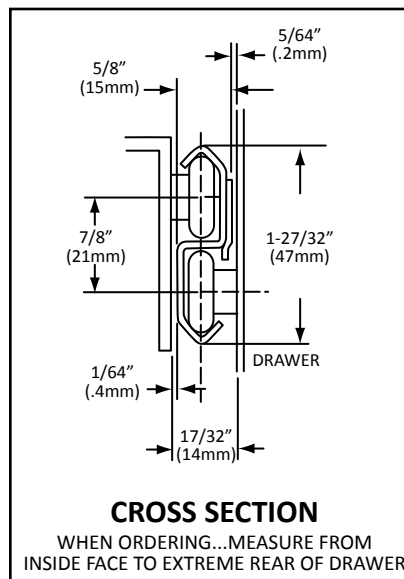
NOTE: LOAD RATING BASED ON 20" (508mm) SLIDE LENGTH
PACKAGED 10 PAIR PER CARTON

S26 SERIES STAINLESS STEEL FULL EXTENSION DRAWER SLIDES WITH STAINLESS STEEL BEARINGS

MODEL NO.	SIZE
S26-0014	14" (356mm)
S26-0016	16" (406mm)
S26-0018	18" (457mm)
S26-0020	20" (508mm)
S26-0022	22" (559mm)
S26-0026	26" (660mm)

NOTE: STAINLESS STEEL BALL BEARING
ASSEMBLIES WITH REMOVABLE
STAINLESS STEEL THREADED
FASTENERS MAY BE ORDERED SEPARATELY.

SEE PG. G197 (MODEL NO. S26-Y001)



S10 SERIES ZINC PLATED FULL EXTENSION DRAWER SLIDES WITH ZINC PLATED BEARINGS

MODEL NO.	SIZE
S10-0014	14" (356mm)
S10-0018	18" (457mm)
S10-0020	20" (508mm)
S10-0022	22" (559mm)

NOTE: ZINC PLATED STEEL BALL BEARING
ASSEMBLIES WITH REMOVABLE
ZINC PLATED STEEL THREADED
FASTENERS MAY BE ORDERED SEPARATELY.

SEE PG. G197 (MODEL NO. S10-Y001)



DRAWER SLIDES



S25 STAINLESS STEEL DRAWER SLIDES

S25 SERIES

- NSF LISTED
- STAINLESS STEEL
- BALL BEARING ACTION
- 150 lbs (68kg) LOAD CAPACITY
- POSITIVE STOPS
- FINGER TIP LEVER DRAWER RELEASE

SPECIFICATIONS

MOUNTING	SIDE
SPACE REQUIRED	9/16" (14mm)
HEIGHT	3" (76mm)
DRAWER EXTENSION	LENGTH OF SLIDE MINUS 4-1/4" (107mm)
LOAD CAPACITY	150 lbs (68kg) PER PAIR**
ACTION	STAINLESS STEEL BALL BEARING WHEELS WITH REMOVABLE STAINLESS STEEL SCREWS

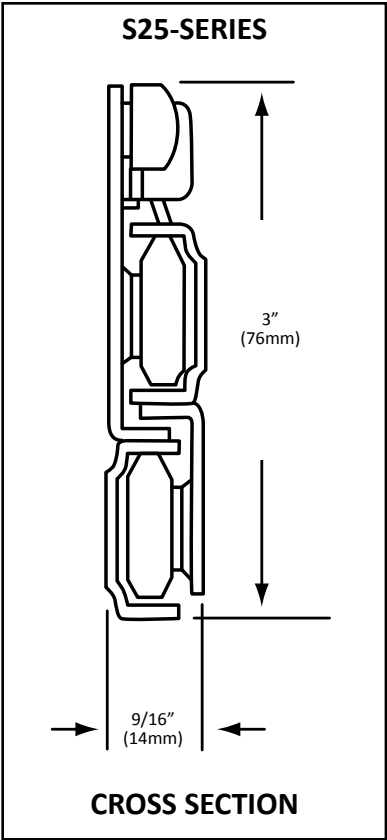
PACKAGED 10 PAIR PER CARTON

*S25 SERIES STAINLESS STEEL DRAWER SLIDES WITH STAINLESS STEEL BEARINGS

MODEL NO.	SIZE
S25-0014	14" (356mm)
S25-0016	16" (406mm)
S25-0018	18" (457mm)
S25-0020	20" (508mm)
S25-0022	22" (559mm)
S25-0024	24" (610mm)
S25-0026	26" (660mm)

*S25 SERIES STAINLESS STEEL DRAWER SLIDES WITH S/S BEARINGS W/ NYLON TIRE

MODEL NO.	SIZE
S25-2014	14" (356mm)
S25-2016	16" (406mm)
S25-2020	20" (508mm)
S25-2022	22" (559mm)



*EQUIVALENT TO STANDARD-KEIL SERIES 1425

**LOAD RATING BASED ON 18" (457mm) SLIDE LENGTH

NOTE: WHEN ORDERING, MEASURE FROM INSIDE FACE TO EXTREME REAR OF DRAWER





DRAWER SLIDES, 1/2" (13mm) CLEARANCE

S15 SERIES

- ZINC PLATED STEEL
- 75 lbs (40kg) LOAD CAPACITY
- ALLOWS DRAWER TO BE EASILY REMOVED

SPECIFICATIONS

MOUNTING	SIDE
SPACE REQUIRED	1/2" (13mm)
HEIGHT	3" (76mm)
DRAWER EXTENSION	LENGTH OF SLIDE MINUS 4-1/4" (107mm)
LOAD CAPACITY	75 lbs (40kg) PER PAIR
MATERIAL	COLD ROLLED STEEL, ZINC PLATED, CLEAR CHROMATE
ACTION	NYLON BALL BEARING ROLLERS
ADDITIONAL	POSITIVE STOPS, FINGER TIP RELEASE, REMOVABLE

NOTE: LOAD RATING BASED ON 18" (457mm) SLIDE LENGTH
PACKAGED 10 PAIR PER CARTON

S35 SERIES

- ZINC PLATED STEEL • FULL EXTENSION
- 100 lbs (50kg) LOAD CAPACITY • NO DEFLECTION
- ALLOWS DRAWER TO BE EASILY REMOVED

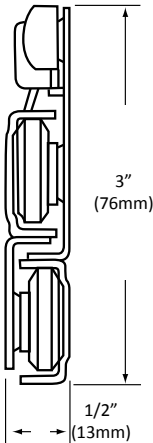
SPECIFICATIONS

MOUNTING	SIDE
SPACE REQUIRED	1/2" (13mm)
HEIGHT	2-3/8" (60mm)
DRAWER EXTENSION	FULL TRAVEL
LOAD CAPACITY	100 lbs (50kg) PER PAIR
MATERIAL	COLD ROLLED STEEL, ZINC PLATED, CLEAR CHROMATE
ACTION	FRONT INTERMEDIATE WHEEL: NYLON ROLLER OUTER CHANNEL ASSEMBLY: STEEL BALL BEARING
ADDITIONAL	POSITIVE MECHANICAL STOP, FULL EXTENSION WITH VIRTUALLY NO DEFLECTION, REMOVABLE

NOTE: LOAD RATING BASED ON 18" (457mm) SLIDE LENGTH
PACKAGED 10 PAIR PER CARTON

S15 SERIES STEEL ZINC PLATED
DRAWER SLIDES

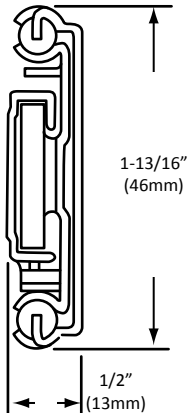
MODEL NO.	SIZE
S15-1016	16" (406mm)
S15-1020	20" (508mm)
S15-1022	22" (559mm)



NOTE: WHEN ORDERING, MEASURE FROM INSIDE
FACE TO EXTREME REAR OF DRAWER.

S35 SERIES ZINC PLATED STEEL
FULL EXTENSION DRAWER SLIDES

MODEL NO.	SIZE
S35-1016	16" (406mm)
S35-1018	18" (457mm)
S35-1020	20" (508mm)
S35-1022	22" (559mm)
S35-1024	24" (610mm)
S35-1026	26" (660mm)



NOTE: WHEN ORDERING, MEASURE FROM INSIDE
FACE TO EXTREME REAR OF DRAWER.



DRAWER PANS



DRAWER PANS

DRAWER PANS STAINLESS STEEL

- STAINLESS STEEL WITH POLISHED FINISH
- COVED CORNERS • TWO SIZES AVAILABLE
- FOR USE IN FOOD SERVICE TABLES AND FOOD WARMERS
- IDEAL FOR UTENSILS AND FROZEN FOOD STORAGE
- MEETS NSF CRITERIA

STAINLESS STEEL DRAWER PANS

MODEL NO.	NOMINAL DIMENSIONS	FLANGE SIZE
S81-1520-C	15" x 20" x 5" (381mm x 508mm x 127mm)	16 x 21-1/2" (406mm x 546mm)
S81-2020-C	20" x 20" x 5" (508mm x 508mm x 127mm)	21-1/2" x 21-1/2" (546mm x 546mm)

PACKAGED 6 TO A MASTER CARTON
NOTE: OTHER DEPTHS AVAILABLE UPON APPLICATION.

DRAWER PANS HEAVY-DUTY THERMOPLASTIC

HEAVY-DUTY THERMOPLASTIC DRAWER PANS

MODEL NO.	NOMINAL DIMENSIONS	FLANGE SIZE
S80-1520	15" x 20" x 5" (381mm x 508mm x 127mm)	16-1/4" x 21-3/4" (415mm x 550mm)
S80-2020	20" x 20" x 5" (508mm x 508mm x 127mm)	21-3/4" x 21-3/4" (550mm x 550mm)

PACKAGED 6 TO A MASTER CARTON

G



STAINLESS STEEL DRAWER ASSEMBLIES



HEAVY DUTY S90/SE90 SERIES STAINLESS STEEL DRAWER ASSEMBLIES

- STAINLESS STEEL, WELDED CONSTRUCTION THROUGHOUT
- S90 HEAVY DUTY 19 GA. OUTER DRAWER HOUSING WITH 17 GA. INTERNAL FRAME ASSEMBLY AND FRONT PANEL
- SE90 MEDIUM DUTY 20 GA. OUTER DRAWER HOUSING WITH 19 GA. INTERNAL FRAME ASSEMBLY AND FRONT PANEL
- UNIQUE UNI-BODY CONSTRUCTION ALLOWS UNITS TO BE STACKED
- CONVENIENT, PRECISE MOUNTING HOLES OFFER QUICK, EASY INSTALLATION
- 200 lb CAPACITY
- SELF-CLOSING DRAWER FEATURE
- ENTIRE DRAWER ASSEMBLY DEBURRED AND READY TO INSTALL
- COMPLETE WITH HEAVY GAUGE REMOVABLE STAINLESS STEEL OR PLASTIC PAN
- FULL EXTENSION- 90° PULL ALLOWS CONVENIENT ACCESS AND IS EASY TO KEEP CLEAN
- AVAILABLE WITH OR WITHOUT CYLINDER LOCK ASSEMBLY
- SPECIFICATION GRADE, MEETS MOST ARCHITECTURAL REQUIREMENTS

15" S/S DRAWER ASSEMBLY

MODEL NO.	DESCRIPTION	LOCK	PAN
*S90-0015-N	15" (381mm) Pan	-	S/S
*SE90-0015-N			
*S90-0015-C-N	15" (381mm) Pan	Cylinder	S/S
*SE90-0015-C-N			

20" S/S DRAWER ASSEMBLY

MODEL NO.	DESCRIPTION	LOCK	PAN
*S90-0020-N	20" (508mm) PAN	-	S/S
*SE90-0020-N			
*S90-0020-C-N	20" (508mm) PAN	Cylinder	S/S
*SE90-0020-C-N			

STAINLESS STEEL SPACER (OPTIONAL)

MODEL NO.	DESCRIPTION
S90-X032	20" x 20" x 2-1/2" (508mm x 508mm x 64mm)
S90-X033	15" x 20" x 2-1/2" (381mm x 508mm x 64mm)

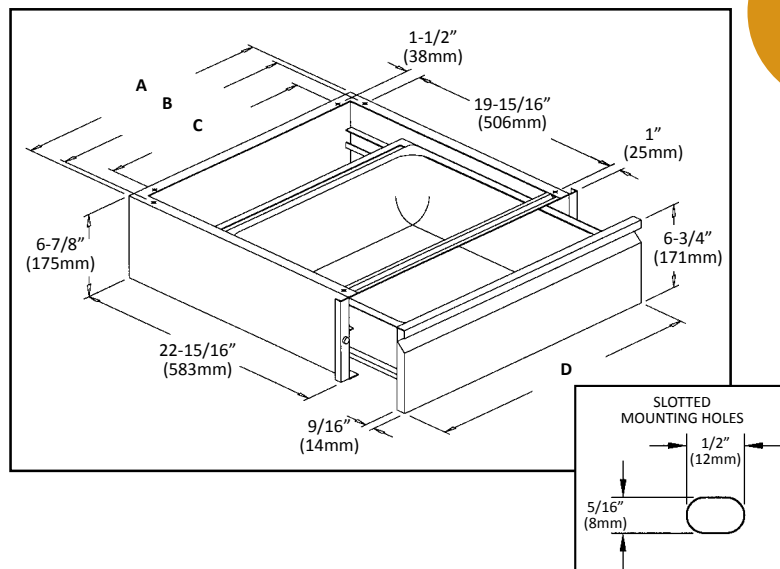
*USED TO DROP THE DRAWER BELOW NORMAL 2" RETURN ON TABLE TOP OR AS A MULLION BETWEEN DRAWERS



STAINLESS STEEL ROLLER BEARING FOR DRAWER ASSEMBLY
MODEL NO. S90-X004

DRAWER DIMENSIONS

MODEL NO.		A	B	C	D
S90-0015	DIM. FOR 15" ASS'Y	17-3/4" (451mm)	16-1/2" (419mm)	13-5/8" (346mm)	19-5/16" (497mm)
S90-0020	DIM. FOR 20" ASS'Y	23-3/8" (594mm)	22-1/8" (562mm)	19-1/4" (489mm)	25-1/16" (636mm)



CASH DRAWER ASSEMBLIES



A



B

STAINLESS STEEL CASH DRAWER ASSEMBLY

REF. A

CASH DRAWER ASSEMBLY WITH TRAY

MODEL NO. S95-1000

- STAINLESS STEEL SPECIFICATION GRADE CASH DRAWER ASSEMBLY
 - SOLID STAINLESS STEEL CONSTRUCTION
- FULL EXTENSION DRAWER SLIDE OFFERS EASE OF OPERATION
- ALL DRAWERS FURNISHED WITH STAINLESS STEEL FACED CYLINDER LOCKS DESIGNED FOR EASY UNDERCOUNTER MOUNTING
 - SMOOTH AND QUIET OPERATION

REF. B

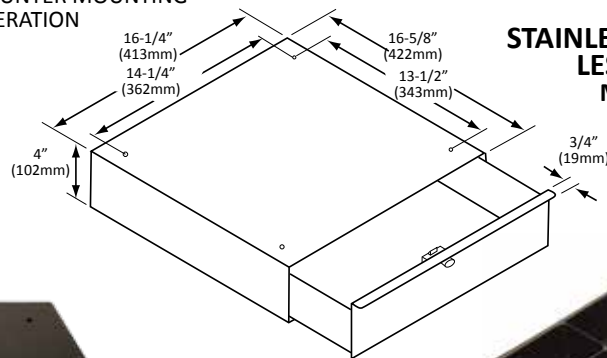
CURRENCY TRAY WITH COVER

MODEL NO. S95-Y002

- REMOVABLE CURRENCY TRAY WITH DROP HANDLE FOR EASY REMOVAL • DESIGNED TO ACCOMMODATE PORTABLE CASH NEEDS-IDEAL FOR DRAWERS, SAFES AND DESKS
 - POSITIVE SPRING ACTION MONEY HOLD DOWN
 - LOCK WITH STAINLESS STEEL CYLINDER

STAINLESS STEEL CASH DRAWER LESS CURRENCY TRAY

MODEL NO. S95-Y001



A



B

BLACK POWDER COATED CASH DRAWER ASSEMBLY

REF. A

CASH DRAWER ASSEMBLY WITH TRAY

MODEL NO. CD-1000

- BLACK POWDER COATED FINISH
- CENTER SECURITY DRAWER KEY-LOCK
- STANDARD ABS PLASTIC 5 COIN/5 BILL REMOVABLE MONEY TRAY INSERT • ADJUSTABLE BILL SEPARATOR FOR FOREIGN CURRENCY • STAINLESS STEEL MONEY CLIPS
- STAINLESS STEEL COIN BREAKING PLATE • SLOTS ON DRAWER FACE FOR CHECKS/RECEIPTS/COUPONS
- DRAWER BELL • NON-SKID 1/2" RUBBER FEET

REF. B

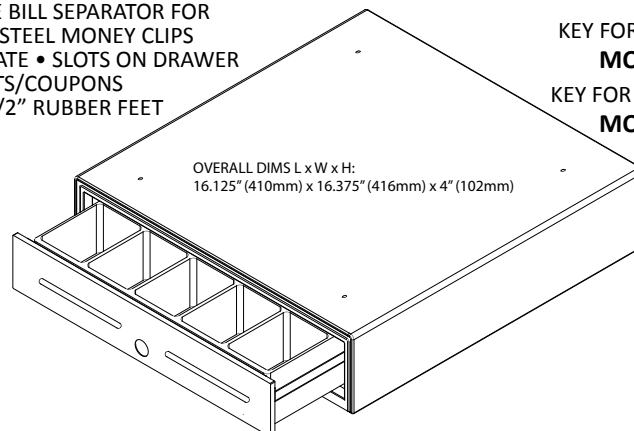
REPLACEMENT CURRENCY TRAY

MODEL NO. CD-Y004

- STANDARD ABS PLASTIC 5 COIN/5 BILL REMOVABLE MONEY TRAY INSERT • ADJUSTABLE BILL SEPARATOR FOR FOREIGN CURRENCY • STAINLESS STEEL MONEY CLIPS

KEY FOR CASH DRAWER ASSEMBLIES -
MODEL NO. S95-Y001-KEY

KEY FOR CURRENCY TRAY ASSEMBLIES -
MODEL NO. S95-Y002-KEY



G



BUMPERS AND GROMMETS



RECESSED BUMPERS

FIG.	MODEL NO.	A	B	C	D	E	F
1	Q20-2081	5/8" (16mm)	5/16" (8mm)	3/16" (5mm)	1/8" (3mm)	1/4" (6mm)	3/16" (5mm)
2	Q20-2095	15/16" (24mm)	3/8" (10mm)	1/8" (3mm)	3/16" (5mm)	3/8" (10mm)	5/32" (4mm)

BUTTON BUMPERS

FIG.	MODEL NO.	A	B	C	D	E	F
6	Q26-3062	3/8" (10mm)	1/4" (6mm)	1/4" (6mm)	5/16" (8mm)	3/64" (1mm)	3/64" (1mm)
6	Q26-4071	1/2" (13mm)	3/8" (10mm)	3/16" (5mm)	1/8" (3mm)	1/16" (2mm)	1/16" (2mm)
7	Q26-4072	1/2" (13mm)	3/8" (10mm)	3/16" (5mm)	3/16" (5mm)	3/16" (5mm)	1/16" (2mm)

PRESSURE SENSITIVE BUMPERS

FIG.	MODEL NO.	HEIGHT	DIAMETER
8	Q21-5003	.20" (5mm)	.44" (11mm)
8	Q21-5017	.38" (10mm)	.75" (20mm)

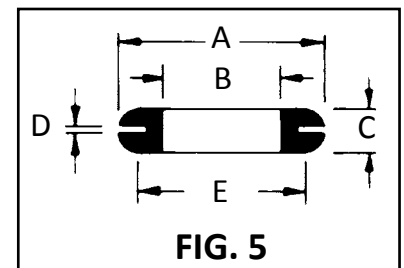
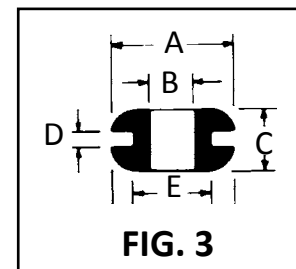
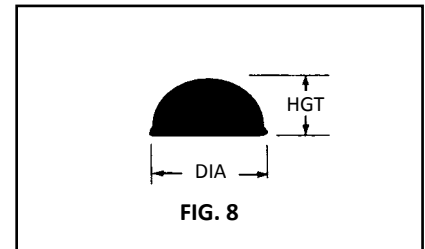
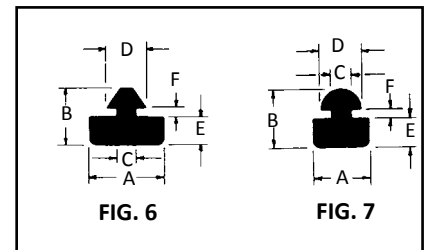
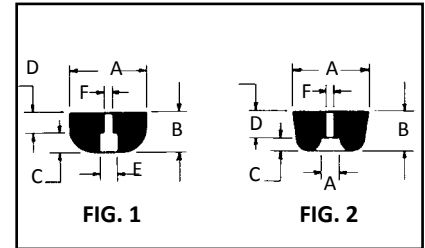


GROMMETS

FIG.	MODEL NO.	A	B	C	D	E
3	Q24-0225	5/8" (16mm)	3/8" (10mm)	1/4" (6mm)	1/16" (2mm)	1/2" (13mm)
3	Q24-0230	13/16" (20mm)	1/2" (13mm)	9/32" (7mm)	1/16" (2mm)	5/8" (16mm)

LARGE DIAMETER GROMMETS

FIG.	MODEL NO.	A	B	C	D	E
5	Q24-0420	1-7/8" (48mm)	1-1/8" (29mm)	3/8" (10mm)	1/16" (2mm)	1-1/2" (38mm)
5	Q24-0520	2-7/8" (75mm)	2-1/8" (54mm)	7/16" (11mm)	1/16" (2mm)	2-1/2" (64mm)



BALL BEARING SYSTEMS



BALL BEARING SYSTEMS

BALL BEARING SYSTEMS - A COMPREHENSIVE GUIDE TO BEARING SELECTION SPECIFICALLY FOR FOOD SERVICE EQUIPMENT APPLICATIONS

COMPONENT HARDWARE HAS DESIGNED AN INNOVATIVE BALL BEARING SYSTEM WITH A DUAL FEATURE.

FIRST...A SYSTEM THAT SATISFIES THE OFTEN ENCOUNTERED PRICE AND DELIVERY PROBLEM WHEN PURCHASING EVEN STANDARD SIZE BEARINGS IN SMALL QUANTITIES. THIS SYSTEM PERMITS OFF THE SHELF DELIVERY AND SMART PRICES NO MATTER HOW SMALL THE ORDER QUANTITY.

SECOND...AND PERHAPS THE BEST...A BEARING SYSTEM THAT PERMITS THE USER TO CONFIGURE ESSENTIAL BEARING COMPONENTS TO ASSEMBLE A WIDE RANGE OF BEARING SIZES AND STYLES TO MEET INDIVIDUAL DESIGN REQUIREMENTS.

LISTED ON THIS PAGE IS A SELECTION OF BEARINGS, SCREW STUDS AND RIVETS WHICH ALLOWS YOU TO CHOOSE A BEARING ASSEMBLY TO SUIT YOUR SPECIFIC REQUIREMENTS.

INSTRUCTIONS: SELECT ANY BEARING WITH HOLE. IF SHOULDER IS REQUIRED CHOOSE SHOULDER SPACER(S) AS REQUIRED. SELECT THE RIVER OR SCREW STUD WITH LENGTH TO SATISFY SHOULDER, SHAFT CLEARANCE AND THICKNESS OF BEARINGS. (SEE ILLUSTRATION)

SCREW

OR

RIVET

SELECTED BEARING

B20-1013

B20-1019

B20-1028

B20-1032

B20-1219

B20-1230

B20-1819

B23-1013

B24-1013

SHOULDER SPACER
(IF REQUIRED)

+

=

SHAFT CLEARANCE

OVERALL

1/32" (.7mm)

LENGTH
1/4-20"

STAINLESS STEEL
SCREW STUDS

MODEL NO.	TH'K
B30-X003	1" (25mm)
B30-X008	3/4" (19mm)

1/2" (13mm) DIA.

STAINLESS STEEL
SHOULDER SPACERS

MODEL NO.	TH'K
B10-X004	7/32" (6mm)
B10-X008	3/32" (2mm)
B10-X009	1/32" (1mm)

LENGTH

STAINLESS STEEL
RIVETS

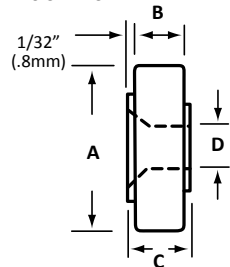
MODEL NO.	TH'K
B10-X012	1/2" (13mm)
B10-X013	3/4" (19mm)



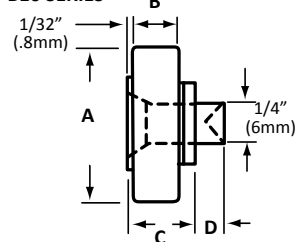


FLAT BEARINGS

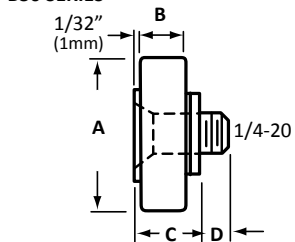
B20 SERIES



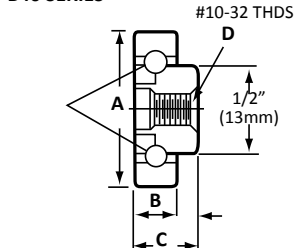
B10 SERIES



B30 SERIES



B40 SERIES



FLAT BEARINGS WITH HOLE

MODEL NO.	INNER RACE	OUTER RACE	A	B	C	D	LOAD*
B20-1013	Steel	Steel	7/8" (22mm)	7/32" (6mm)	9/32" (7mm)	1/4" (6mm)	42 lbs (19kg)
B20-1019	Steel	Steel	1" (25mm)	5/16" (8mm)	3/8" (10mm)	1/4" (6mm)	57 lbs (25kg)
B20-1032	Steel	Steel	1" (25mm)	7/32" (6mm)	9/32" (7mm)	1/4" (6mm)	57 lbs (25kg)
B20-1028	Steel	Steel	1-5/16" (33mm)	5/16" (8mm)	3/8" (10mm)	1/4" (6mm)	87 lbs (39kg)
B20-1819	Steel	Nylon & Steel	1" (25mm)	7/32" (6mm)	9/32" (7mm)	1/4" (6mm)	53 lbs (24kg)
B20-1230	Stainless Steel	Stainless Steel	29/32" (23mm)	1/4" (6mm)	5/16" (8mm)	1/4" (6mm)	90 lbs (40kg)
B20-1219	Stainless Steel	Stainless Steel	1-5/16" (33mm)	5/16" (8mm)	3/8" (10mm)	1/4" (6mm)	87 lbs (39kg)

FLAT BEARINGS WITH RIVET

B10-1013	Steel	Steel	7/8" (22mm)	7/32" (6mm)	3/8" (10mm)	1/8" (3mm)	42 lbs (19kg)
B10-1016	Steel	Steel	1" (25mm)	7/32" (6mm)	3/8" (10mm)	1/8" (3mm)	57 lbs (25kg)
B10-1025	Steel	Steel	1-5/16" (33mm)	5/16" (8mm)	3/8" (10mm)	3/32" (6mm)	87 lbs (39kg)
B10-1034	Steel	Steel	1-5/16" (33mm)	5/16" (8mm)	19/32" (15mm)	3/16" (5mm)	87 lbs (39kg)
B10-1822	Steel	Nylon & Steel	1" (25mm)	7/32" (6mm)	3/8" (10mm)	1/8" (3mm)	53 lbs (24kg)

FLAT BEARINGS WITH SCREW STUD

B30-1013	Steel	Steel	7/8" (22mm)	7/32" (6mm)	3/8" (10mm)	3/8" (10mm)	42 lbs (19kg)
B30-1210	Stainless Steel	Stainless Steel	29/32" (23mm)	1/4" (6mm)	11/32" (9mm)	5/16" (8mm)	90 lbs (40kg)
B30-1034	Steel	Steel	1-5/16" (33mm)	5/16" (8mm)	19/32" (15mm)	3/8" (10mm)	87 lbs (39kg)

FLAT BEARINGS WITH TAPPED HOLE

B40-1240	Stainless Steel	Stainless Steel	7/8" (22mm)	1/4" (6mm)	3/8" (10mm)	#10-32	80 lbs (35kg)
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*BEARING LOAD RATINGS BASED ON 600 R.P.M.

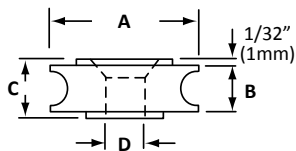
G



CONCAVE & RUBBER TIRE BEARINGS

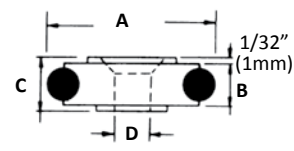


CONCAVE & RUBBER TIRE BEARINGS



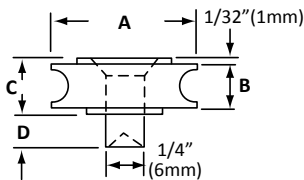
**CONCAVE BEARING WITH HOLE
STEEL INNER AND OUTER RACE**

MODEL NO.	A	B	C	D	LOAD*
B24-1013	1-3/16" (30mm)	5/16" (8mm)	3/8" (10mm)	1/4" (6mm)	80 lbs (36kg)



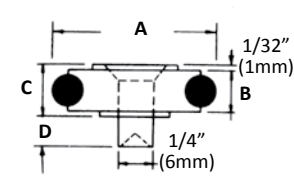
**RUBBER TIRE BEARING WITH HOLE
STEEL INNER AND OUTER RACE**

MODEL NO.	A	B	C	D	LOAD*
B23-1013	1-5/16" (33mm)	5/16" (8mm)	3/8" (10mm)	1/4" (6mm)	87 lbs (39kg)



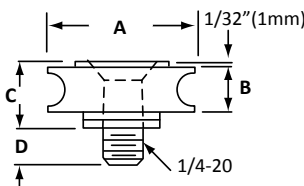
**CONCAVE BEARING WITH RIVET STUD
STEEL INNER AND OUTER RACE**

MODEL NO.	A	B	C	D	LOAD*
B14-1010	1-3/16" (30mm)	5/16" (8mm)	3/8" (10mm)	1/8" (3mm)	80 lbs (36kg)



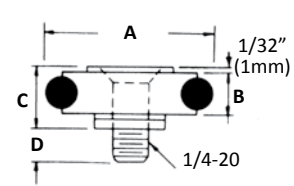
**RUBBER TIRE BEARING WITH RIVET STUD
STEEL INNER AND OUTER RACE**

MODEL NO.	A	B	C	D	LOAD*
B13-1010	1-5/16" (33mm)	5/16" (8mm)	3/8" (10mm)	1/8" (3mm)	87 lbs (39kg)



**CONCAVE BEARING WITH SCREW STUD
STEEL INNER AND OUTER RACE**

MODEL NO.	A	B	C	D	LOAD*
B34-1010	1-3/16" (30mm)	5/16" (8mm)	3/8" (10mm)	3/8" (10mm)	80 lbs (36kg)
B34-1016	1-3/16" (30mm)	5/16" (8mm)	19/32" (15mm)	1/8" (3mm)	80 lbs (36kg)



**RUBBER TIRE BEARING WITH SCREW STUD
STEEL INNER AND OUTER RACE**

MODEL NO.	A	B	C	D	LOAD*
B33-1010	1-5/16" (33mm)	5/16" (8mm)	3/8" (10mm)	3/8" (10mm)	87 lbs (39kg)
B33-1016	1-5/16" (33mm)	5/16" (8mm)	19/32" (15mm)	3/8" (10mm)	87 lbs (39kg)

G



BALL BEARING ASSEMBLIES, PULLEY & WHEELS

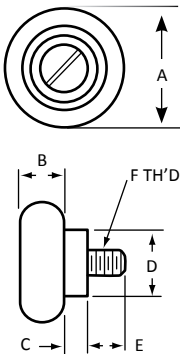


BALL BEARING ASSEMBLIES, PULLEY & WHEELS

REF A

DELRIN BEARING AND STAINLESS STEEL BALL BEARING ASSEMBLY WITH REMOVABLE THREADED FASTENER

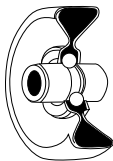
MODEL NO.	MAT'L.	TYPE	A	B	C	D	E	F
S26-Y001	Stainless Steel	Ball Bearing	.760 (19mm)	.250 (6mm)	.187 (5mm)	.420 (11mm)	.300 (8mm)	10-24
S10-Y001	Zinc Plated Stainless	Ball Bearing	.760 (19mm)	.250 (6mm)	.187 (5mm)	.420 (11mm)	.300 (8mm)	10-24
S52-X101	Delrin	Solid	1.070 (27mm)	.375 (10mm)	.187 (5mm)	.500 (13mm)	.260 (7mm)	1/4-20
S52-X001	Stainless Steel	Ball Bearing	1.070 (27mm)	.375 (10mm)	.187 (5mm)	.500 (13mm)	.260 (7mm)	1/4-20



REF B

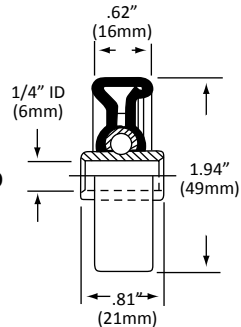
STAINLESS STEEL and STEEL WHEELS

- IDEAL FOR DRAWER SLIDES AND CONVEYOR ASSEMBLIES
- HEAT TREATED INNER AND OUTER RACEWAYS
- ALL METAL CONSTRUCTION



STAINLESS STEEL WHEEL MODEL NO. IR-0031

STEEL WHEEL ZINC PLATED MODEL NO. IR-2263

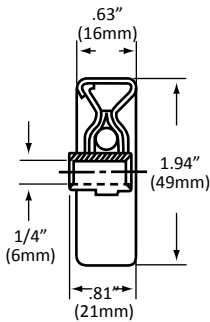
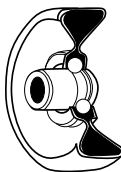


REF C

STAINLESS STEEL WHEEL

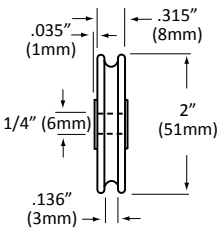
MODEL NO. IR-1061

ZINC PLATED STEEL with OFFSET BUSHING MODEL NO. IR-2112



REF D

NYLON WHEEL PULLEY with STEEL RACES NYLON/STEEL WHEEL PULLEY MODEL NO. B25-1810



SLIDING DOOR COMPONENTS



SLIDING DOOR COMPONENTS OVERHEAD TRACK COMPONENTS FOR SLIDING DOORS

REF A

SLIDING DOOR TRACK EXTRUDED ALUMINUM 16 GAUGE

MODEL NO.	LENGTH
B57-0048	48" (1219mm)
B57-0060	60" (1524mm)
B57-0072	72" (1828mm)
B57-0120	120" (3048mm)
B57-0144	144" (3657mm)

REF B

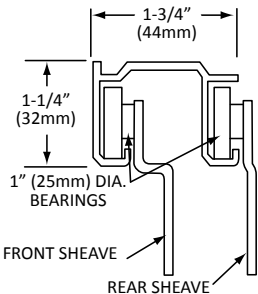
FRONT DOOR SHEAVE, ZINC PLATED STEEL 3/4" (19mm) SIDE MOUNTED DOOR HANGER

MODEL NO.	WHEEL TYPE
B58-5511	Flat, Steel Plated, Ball Bearing
B58-5513	Flat, Nylon Surface, Steel Inner Races, Ball Bearing

REF C

REAR DOOR SHEAVE, ZINC PLATED STEEL 3/4" (19mm) SIDE MOUNTED DOOR HANGER

MODEL NO.	WHEEL TYPE
B58-5521	Flat, Steel Plated, Ball Bearing
B58-5523	Flat, Nylon Surface, Steel Inner Races, Ball Bearing

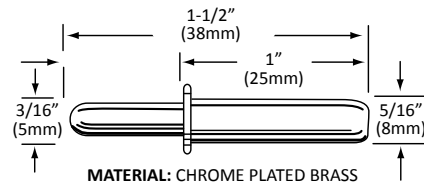


REF D

GUIDE PINS

MODEL NO. B56-1096

SPRING LOADED with PUSH-ON SPEED NUTS



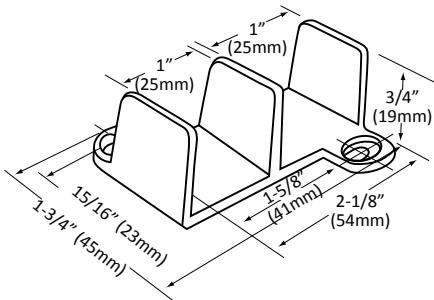
REF E

DOOR GUIDE

MODEL NO. B62-1093

FOR 3/4" (19mm)
SLIDING DOORS

MATERIAL: NYLON
O.A. SIZE: 1-3/4" X 2-1/8"
(44mm x 54mm)



CAFETERIA COMPONENTS

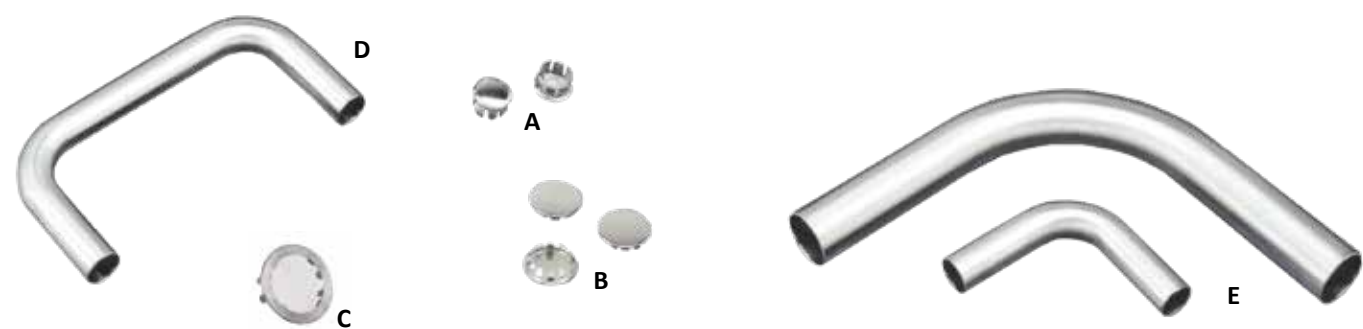


TRAY SLIDE COMPONENTS	H188	DRIP PLATE	H196
TRAY SLIDE & SHELF BRACKETS	H189	END CAPS & LID COVER BRACKETS	H198
FOLD DOWN/REMOVABLE SHELF BRACKETS	H190	SINK/TABLE/BAR ACCESSORIES	H199
SNEEZE GUARD COMPONENTS	H191	CORNER INSERTS	H200
GLASS CLAMPS, GLASS CAPPING & CHANNEL	H192	ROLLER ASSEMBLIES. CONVEYOR ROLLER	H201
CAP STRIPS & DIVIDER BARS	H193	COMPONENTS & WHEELS	H202
MOULDINGS & DIVIDERS	H194	CONVEYOR ROLLER ASSEMBLIES	H203
TUBING ACCESSORIES	H195	ORDER FORM-CUSTOM CONVEYOR ROLLERS	
WALL SHELVING & POT RACK COMPONENTS	H197		

H



TRAY SLIDE COMPONENTS



TRAY SLIDE COMPONENTS

REF. A

NICKEL PLATED STEEL
END CAP
FOR 1" (25mm) O.D. TUBING
MODEL NO. J16-0201

REF. B

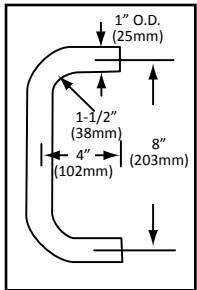
NICKEL PLATED STEEL
END CAP
FOR 1-5/8" (41mm) O.D. TUBING
MODEL NO. J16-0158

REF. C

STAINLESS STEEL
SCREENED HOLE PLUG
FOR 1-5/8" (41mm) O.D. HOLE
MODEL NO. J16-0158-SPSS

REF. D

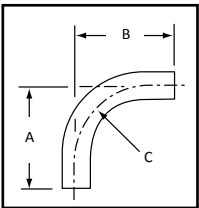
16 GAUGE (1.5 mm)
STAINLESS STEEL
"U" BENDS
FOR 1" (25mm) O.D. TUBING
DESIGNED FOR TRAY SLIDE RAILS
MODEL NO. J13-4488*
*CAN BE USED WITH NO.'S
J19-4960 & J19-4955
3 RAIL TRAY SLIDE BRACKETS



REF. E

STAINLESS STEEL
90° ELBOWS
• 16 ga (1.5mm) • FOR 1" (25mm) & 1-5/8" (41mm)
TUBING DESIGNED FOR RAILS, SUPPORTS, ETC.

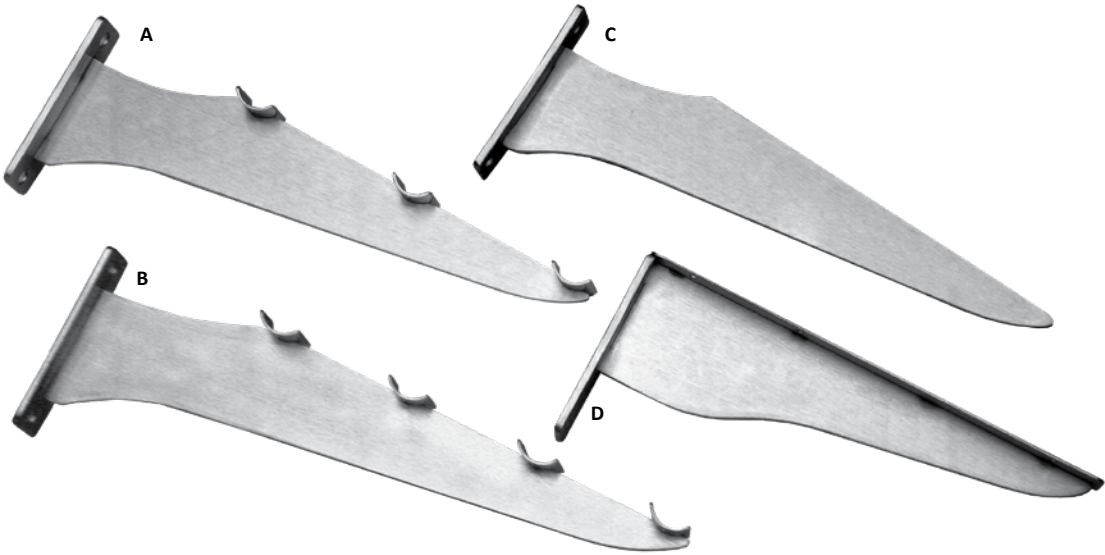
MODEL NO.	O.D.	A	B	C
J14-0117	1" (25mm)	4" (102mm)	4" (102mm)	1-1/2" (38mm)
J14-0119	1-5/8" (41mm)	10" (254mm)	10" (254mm)	4-5/8" (117mm)



H



TRAY SLIDE & SHELF BRACKETS

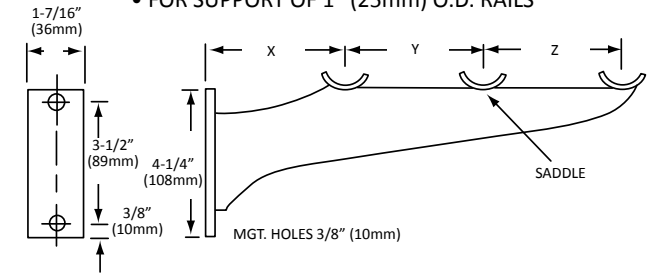


TRAY SLIDE and SHELF BRACKETS

REF. A

STAINLESS STEEL 3-RAIL TRAY SLIDE BRACKET

- LOAD CAPACITY: 200 lbs PER 2 BRACKETS
- FOR SUPPORT OF 1" (25mm) O.D. RAILS

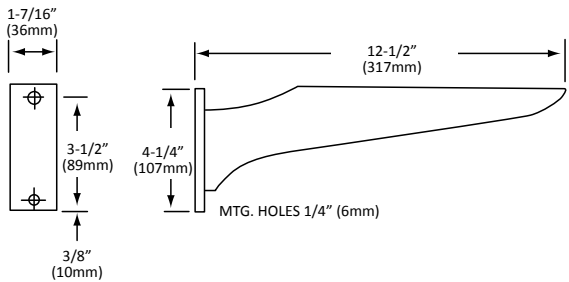


MODEL NO.	"X"	"Y"	"Z"
J19-4960	4" (102mm)	4" (102mm)	4" (102mm)
J19-4962	4" (102mm)	4-1/2" (114mm)	4-1/2" (114mm)

REF. C

STAINLESS STEEL TRAY SLIDE BRACKET WITHOUT SADDLES MODEL NO. J19-4960-LT

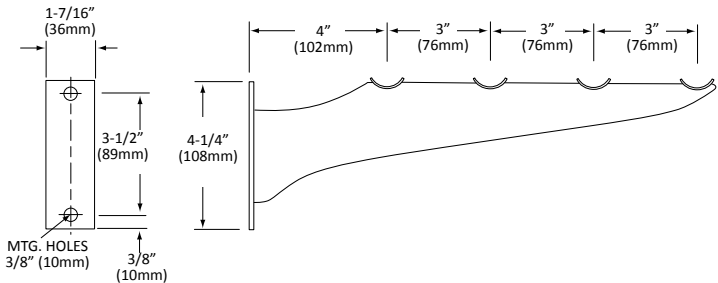
LOAD CAPACITY: 150 lbs PER 2 BRACKETS



REF. B

STAINLESS STEEL 4-RAIL TRAY SLIDE BRACKET MODEL NO. J19-4964

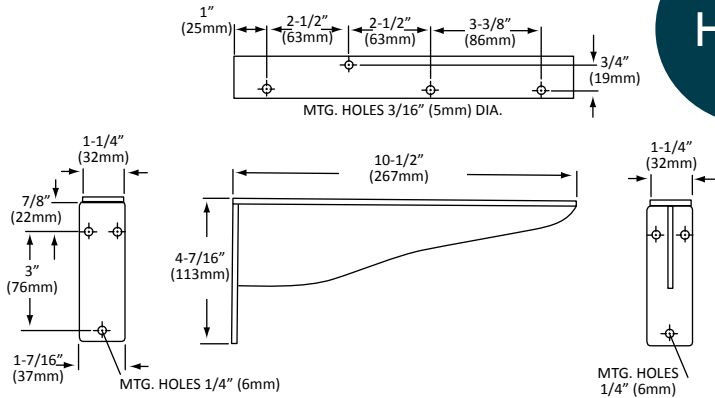
- LOAD CAPACITY: 200 lbs PER 2 BRACKETS
- FOR SUPPORT OF 1" O.D. RAILS



REF. D

STAINLESS STEEL FIXED SHELF BRACKET MODEL NO. J19-4966

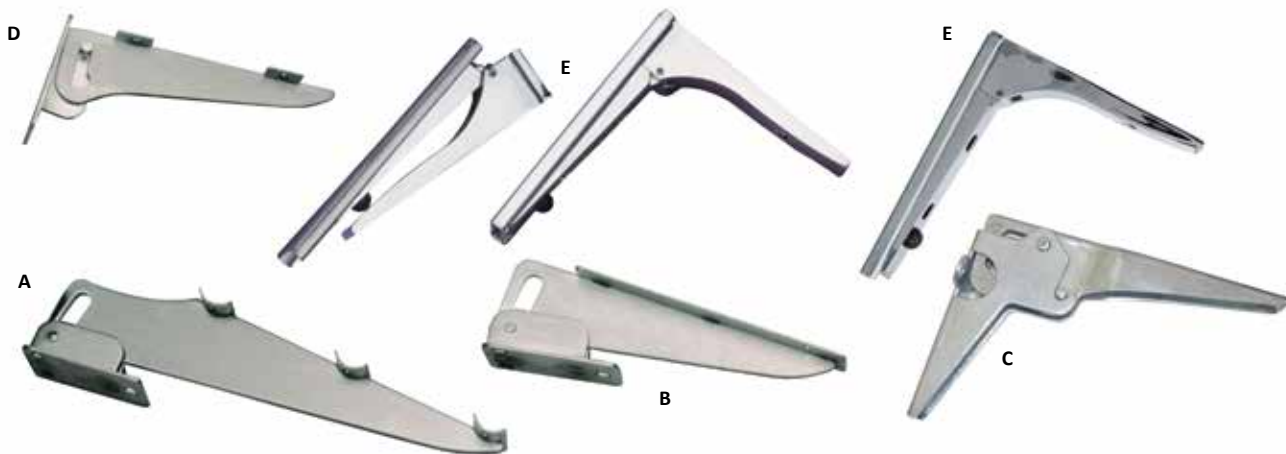
LOAD CAPACITY: 200 lbs PER 2 BRACKETS



ALL BRACKETS SHOWN ARE 8 GAUGE (.170" - 4.5mm), STAINLESS STEEL POLISHED TO A #4 SATIN FINISH



FOLD DOWN / REMOVABLE SHELF BRACKETS



FOLD DOWN / REMOVABLE SHELF BRACKETS

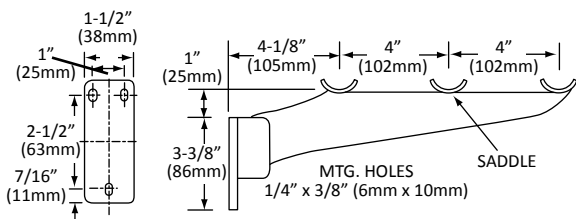
REF. A

STAINLESS STEEL FOLD DOWN 3-RAIL TRAY SLIDE BRACKET MODEL NO. J19-4955

LOAD CAPACITY: 150 lbs PER 2 BRACKETS

FOR SUPPORT OF 1" (25mm) O.D. RAILS

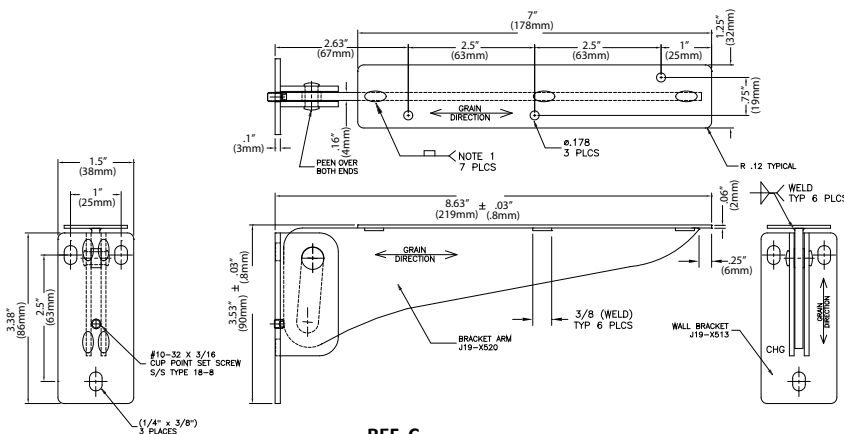
ALSO AVAILABLE WITHOUT SADDLES... ORDER AS J19-4955-LT



REF. B

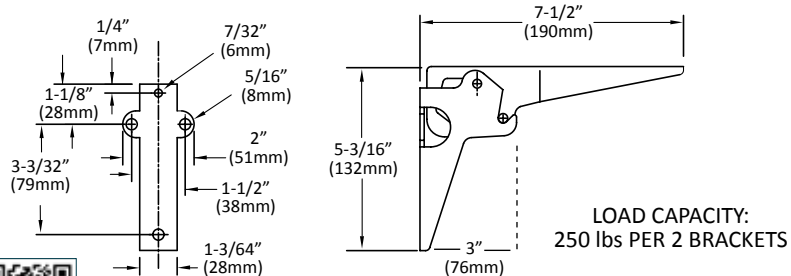
STAINLESS STEEL FOLD DOWN SHELF BRACKET MODEL NO. J19-4967

LOAD CAPACITY: 200 lbs PER 2 BRACKETS



REF. C

HEAVY DUTY ZINC PLATED STEEL FOLD DOWN SHELF BRACKET MODEL NO. J18-2000



REF. D

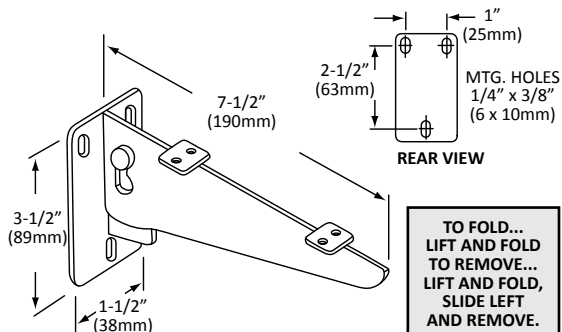
STAINLESS STEEL FOLD DOWN REMOVABLE SHELF BRACKET

• SATIN FINISH • HEAVY DUTY

MODEL NO. J19-5000*

*SOLD AS A PAIR, KEYHOLE BASE WITH BRACKET
AND STRAIGHT PIN BASE WITH BRACKET

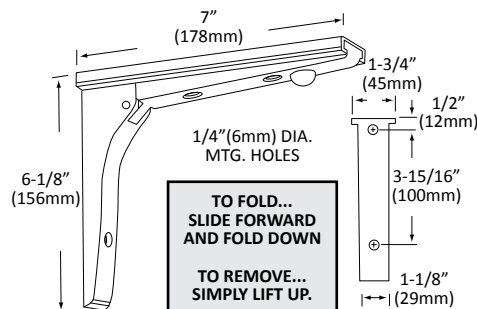
MATERIAL: STAINLESS STEEL WITH A #4 FINISH
LOAD CAPACITY: 150 lbs PER 2 BRACKETS



REF. E

HEAVY DUTY FOLDING REMOVABLE SHELF BRACKET

• FOLDS DOWN WHEN NOT IN USE
• SHELVES EASILY REMOVED FOR CLEANING



MODEL NO.	DESCRIPTION
J17-4270	Chrome Plated Die Cast Bracket With 14 ga (2mm) Zinc Plate Steel Mount
J17-4273	Chrome Plated Die Cast Bracket With 300 Series Stainless Steel Mount

LOAD CAPACITY: 200 lbs PER 2 BRACKETS

www.edainternational.com/
www.mbhny.com



SNEEZE GUARD COMPONENTS



SNEEZE GUARD COMPONENTS

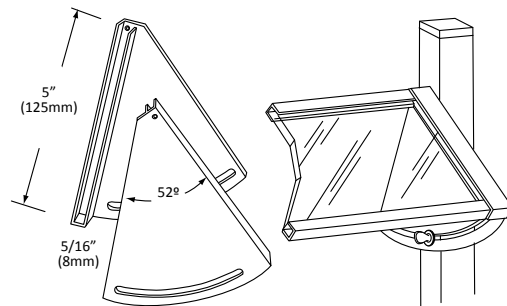
REF. A

STAINLESS STEEL ADJUSTABLE SNEEZE GUARD BRACKET - PAIR

MODEL NO. J30-4465

- ADJUSTABLE PIE SHAPED BRACKETS PERMIT PROTECTOR GLASS TO BE PIVOTED ON UPRIGHT POSTS FOR OPTIMAL VIEWING AND PROTECTION
- ALL STAINLESS STEEL CONSTRUCTION
- SUPPLIED WITH TWO THUMBSCREWS FOR LOCKING IN THE ANGLE ADJUSTMENT ON THE POST
- 5" L GLASS CHANNEL ACCEPTS NOMINAL 1/4" WRAPPED PLATE GLASS
- FURNISHED WITH THUMB SCREWS AND WASHERS
- SOLD PER PAIR - LEFT HAND AND RIGHT HAND BRACKET
 - (1) RIGHT HAND & (1) LEFT HAND WITH
 - (2) THUMBSCREWS FOR ADJUSTMENT

SPECIFICATIONS:
SHOE PROVIDED TO ACCEPT
WRAPPED 1/4" (6mm) PLATE GLASS

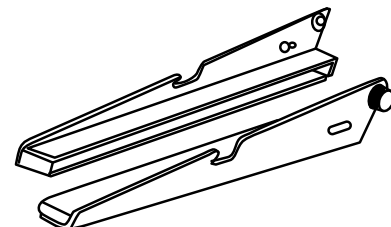


REF. B

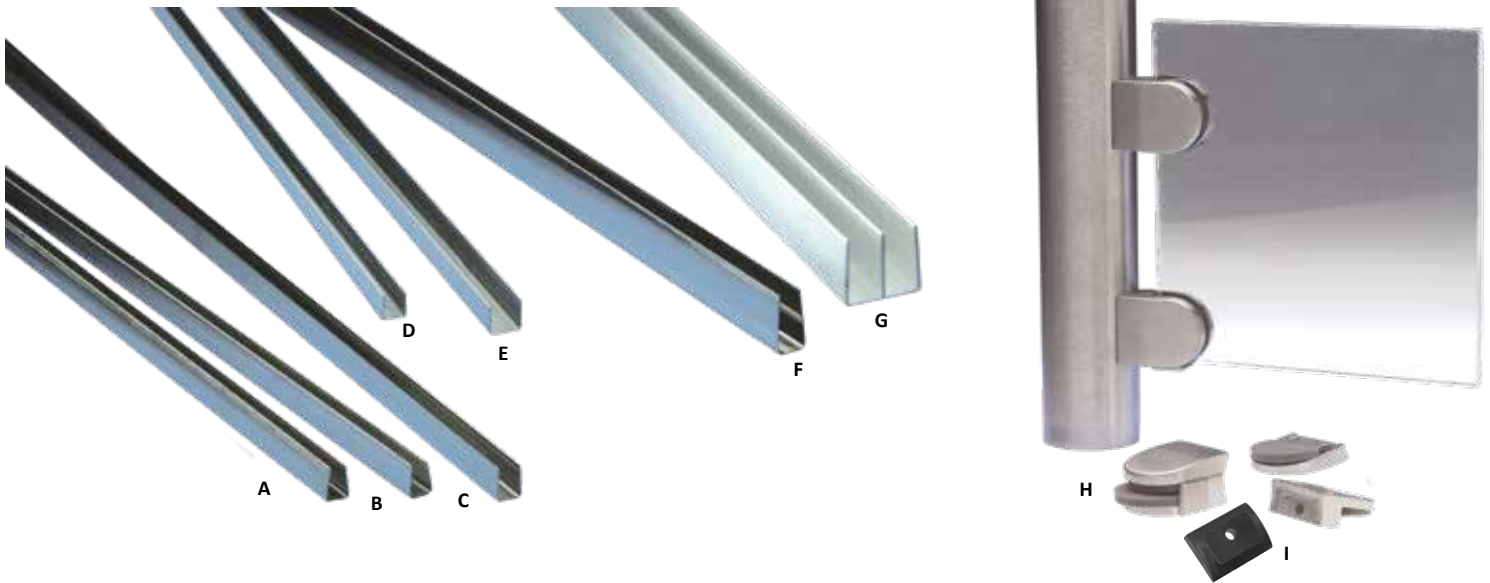
10-3/8" L STAINLESS STEEL FOLD DOWN SNEEZE GUARD PROTECTOR BRACKET - PAIR

MODEL NO. J29-4482

- ALL STAINLESS STEEL CONSTRUCTION
- FOLD DOWN BRACKETS FACILITATE EASY CLEANING OF GLASS
- BRACKETS HAVE LOCKING FEATURE TO SECURELY FASTEN GLASS IN THE UPRIGHT POSITION
- GLASS CHANNEL ON BRACKET ACCEPTS NOMINAL 1/4" GLASS WITH STAINLESS WRAP
- FURNISHED WITH SCREWS AND WASHERS
- SOLD PER PAIR - LEFT AND RIGHT HAND
- ACCEPTS NOMINAL 1/4" GLASS WITH STAINLESS TRIM
 - FACILITATES EASY CLEANING OF GLASS
 - FURNISHED WITH SCREWS



GLASS CLAMPS, GLASS CAPPING AND CHANNEL



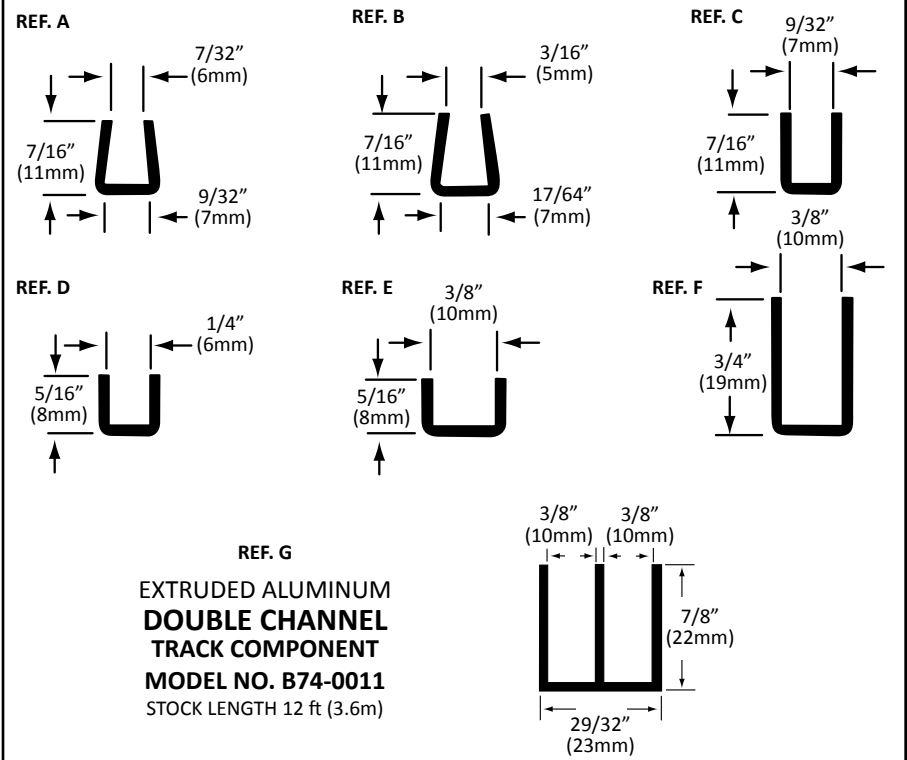
GLASS CLAMPS, GLASS CAPPING AND CHANNEL

STAINLESS STEEL GLASS CAPPING

- PREVENTS CHIPPING • PROVIDES SECURE FIT
- ATTRACTIVE POLISHED FINISH

REF.	MODEL NO.	STAINLESS STEEL TYPE	GAUGE
A	B70-1001	300 Series	.022 (.6mm)
B	B70-1002	300 Series	.022 (.6mm)
C	B70-1003	300 Series	.022 (.6mm)
D	B70-1005	400 Series	.019 (.5mm)
E	B70-1007	400 Series	.019 (.5mm)
F	B70-1008	400 Series	.019 (.5mm)
A	*B70-1001-6	300 Series	.022 (.6mm)

*6 ft (1.9m) LENGTH.
STOCK LENGTH 12 ft (3.6m) MINIMUM ORDER 144 ft (43.9m)



REF. H

STAINLESS STEEL GLASS CLAMP FOR ROUND TUBING

**MODEL NO.
B79-1000**
1/4" GLASS
CLAMP, TOP

**MODEL NO.
B79-2000-L**
1/4" GLASS CLAMP,
BOTTOM LEFT

**MODEL NO.
B79-2000-R**
1/4" GLASS CLAMP,
BOTTOM RIGHT

**MODEL NO.
B79-1038**
3/8" GLASS
CLAMP, TOP

**MODEL NO.
B79-2038-L**
3/8" GLASS CLAMP,
BOTTOM LEFT

**MODEL NO.
B79-2038-R**
3/8" GLASS CLAMP,
BOTTOM RIGHT

NOTE: MOUNTING SCREW NOT PROVIDED

- FIRMLY HOLDS GLASS WITHOUT DRILLING
- UNIQUE LEDGE ON BOTTOM BRACKETS PROVIDES A POSITIVE STOP TO MAKE INSTALLATION EASIER
- LIGHT GRAY SILICONE PAD CUSHIONS GLASS, WHILE PROVIDING MAXIMUM GRIPPING POWER
- SLEEK DESIGN MAXIMIZES VIEWABLE SURFACE AREA OF GLASS
- 3/8" OFFSET
- FOR USE WITH 1-5/8" TUBING
- IDEAL FOR PARTITIONS, DISPLAYS AND SNEEZE GUARDS
- SATIN FINISH MATCHES COUNTERTOPS AND SUPPORTS

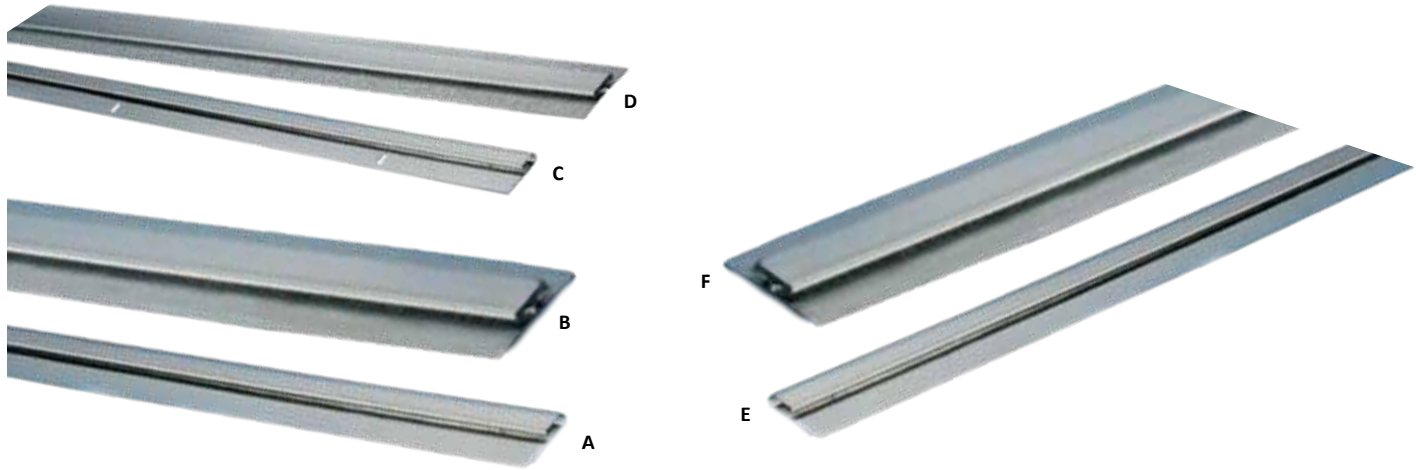
REF. I

**BLACK DELRIN
ADAPTER FOR
SQUARE TUBING
APPLICATION
1/4" GLASS ONLY**

**MODEL NO.
B79-X014**



CAP STRIPS AND DIVIDER BARS



CAP STRIP AND DIVIDER BAR

- NEW EXTRA WIDE PROFILE FOR EASIER INSTALLATION • ALL STAINLESS STEEL CONSTRUCTION • ACCEPTS 1/16" (2mm) WALL FLASHING MATERIAL • GRAIN OF FINISH MATCHES WALL LINING • AVAILABLE IN VARIOUS LENGTHS TO MINIMIZE SCRAP • INDIVIDUALLY PLASTIC SLEEVED FOR PROTECTION OF FINISH • CAP STRIP HAS HEMMED EDGE FOR SAFETY

REF. A

EXTENDED WIDE STAINLESS STEEL CAP STRIP

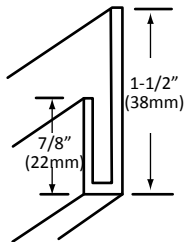
FOR 1/16" (1.6mm) MATERIAL
SATIN FINISH

MODEL NO. J63-1651-78

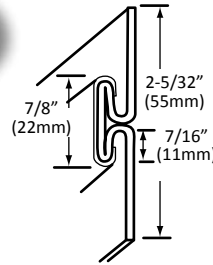
6-1/2 ft (2m) LENGTH

MODEL NO. J63-1651-120

10 ft (3m) LENGTH



NEW
Innovative
Design



REF. B

EXTENDED WIDE STAINLESS STEEL DIVIDER BAR WITH S/S BACK PLATE

FOR 1/16" (1.6mm) MATERIAL
SATIN FINISH

MODEL NO. J64-1651-78

6-1/2 ft (2m) LENGTH

MODEL NO. J64-1651-120

10 ft (3m) LENGTH

- ALL STAINLESS STEEL CONSTRUCTION • ACCEPTS 1/16" (2mm) WALL FLASHING MATERIAL • GRAIN OF FINISH MATCHES WALL LINING • AVAILABLE IN VARIOUS LENGTHS TO MINIMIZE SCRAP • INDIVIDUALLY PLASTIC SLEEVED FOR PROTECTION OF FINISH

REF. C

STAINLESS STEEL CAP STRIP

FOR 1/16" (1.6mm) MATERIAL
#4 SATIN FINISH

MODEL NO. J63-1451

7 ft (2.1m) LENGTH

MODEL NO. J63-1451-8*

8 ft (2.4m) LENGTH

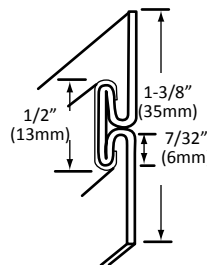
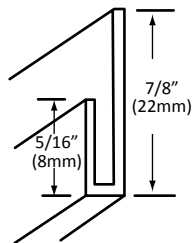
MODEL NO. J63-1451-9*

9 ft (2.7m) LENGTH

MODEL NO. J63-1451-10*

10 ft (3m) LENGTH

* AVAILABLE ON APPLICATION AND
12 PIECE MINIMUM FOR 8, 9 & 10 ft LENGTHS



REF. D

STAINLESS STEEL DIVIDER BAR WITH GALVANIZED BACK PLATE

FOR 1/16" (1.6mm) MATERIAL
BRIGHT FINISH

MODEL NO. J64-1450

7 ft (2.1m) LENGTH

MODEL NO. J64-1450-8*

8 ft (2.4m) LENGTH

MODEL NO. J64-1450-9*

9 ft (2.7m) LENGTH

MODEL NO. J64-1450-10*

10 ft (3m) LENGTH

* AVAILABLE ON APPLICATION AND
12 PIECE MINIMUM FOR 8, 9 & 10 ft LENGTHS

REF. E

EXTENDED WIDE 304 STAINLESS STEEL CAP STRIP

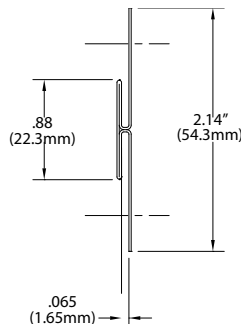
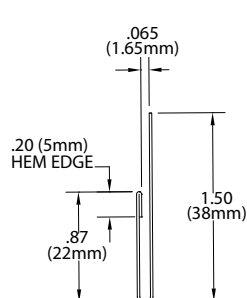
FOR 1/16" (1.6mm) MATERIAL
SATIN FINISH

MODEL NO. J63-2651-84

7 ft (2.1m) LENGTH

MODEL NO. J63-2651-120

10 ft (3m) LENGTH



REF. F

EXTENDED WIDE 304 STAINLESS STEEL DIVIDER BAR WITH S/S BACK PLATE

FOR 1/16" (1.6mm) MATERIAL
SATIN FINISH

MODEL NO. J64-2651-84

7 ft (2.1m) LENGTH

MODEL NO. J64-2651-120

10 ft (3m) LENGTH



MOULDINGS AND DIVIDERS



MOULDINGS AND DIVIDERS

REF. A

- GALVANIZED STEEL BACK PLATE
- STAINLESS STEEL SNAP-ON COVER
- BRIGHT FINISH

STAINLESS STEEL FLAT SNAP-ON MOULDING

MODEL NO.	WIDTH
J60-2240	3/4" (19mm)
J60-2260	1" (25mm)
J60-2270	1-1/4" (32mm)

12 ft (3.6m) LENGTHS

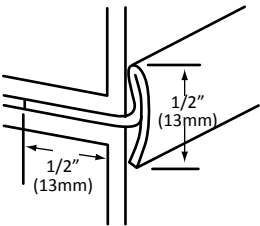
REF. B

STAINLESS STEEL LINE UP DIVIDER

MODEL NO. J65-4110

1/2" (13mm) FACE
12 ft (3.6m) LENGTH

STOCK LENGTH 12 ft (3.6m)



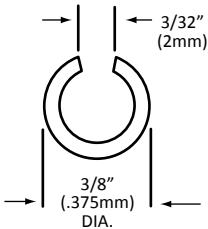
REF. C

STAINLESS STEEL SPLIT TUBE MOULDING

- 20 ga (1mm) • 2B FINISH

MODEL NO. J62-0012

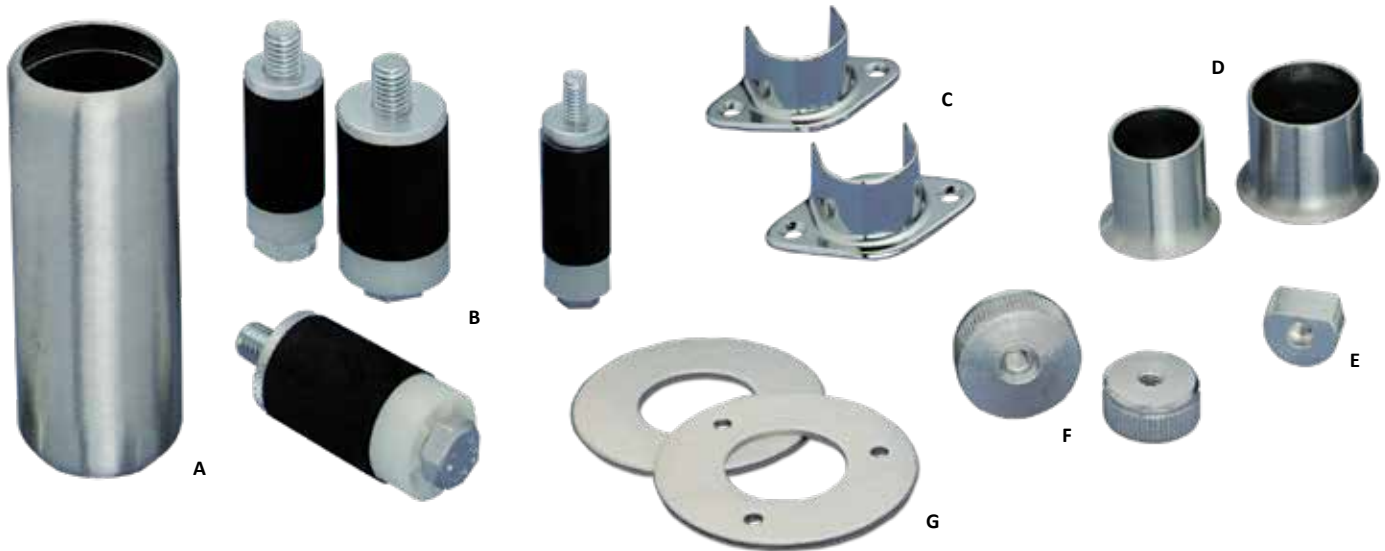
12 ft (3.6m) LENGTH, IDEAL FOR HEMMING/EDGING
MINIMUM ORDER 12 PIECES



H



TUBING ACCESSORIES



TUBING ACCESSORIES

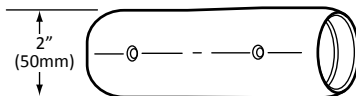
REF. A

STAINLESS STEEL TUBULAR SHELF SUPPORT

FOR 1-5/8" (41mm) O.D. TUBING

- LONG LENGTH • ADJUSTABLE
- DOUBLE SET SCREW LOCKING
- PLATED INSIDE LINER
- SUITABLE FOR A WIDE ARRAY OF CUSTOM APPLICATIONS

MODEL NO. A24-0207-C
5-1/4" (133mm) LG.



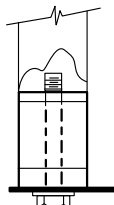
REF. B

RUBBER EXPANDING FASTENERS

- FOR FAST KD INSTALLATION
- FOR ROUND OR SQUARE TUBING

MODEL NO.	TUBING SIZE
J57-7100	1" (25mm)
J57-7125	1-1/4" (32mm)
J57-7150	1-1/2" (38mm)
J57-7158	1-5/8" (41mm)

NOTE: J57-7100 USES 5/16" BOLT.
ALL OTHERS USE 1/2" BOLTS.

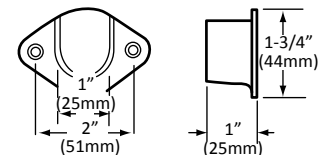


REF. C

CHROME PLATED OBLONG BASE END FLANGE

FOR 1" (25mm) O.D. TUBING

- DIE CAST METAL • CHROME PLATED
- MODEL NO. J53-0125**



REF. D

STAINLESS STEEL ROUND BASE FLANGE

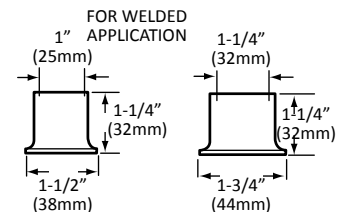
- STAINLESS STEEL

FOR 1" (25mm) O.D. TUBING

MODEL NO. J52-0014

FOR 1-1/4" (32mm) O.D. TUBING

MODEL NO. J52-1250



REF. E

PLATED STEEL KNURLED BUSHING

- PERMITS POSITIVE CONCEALED FASTENING
- FOR 1" (25mm) O.D. TUBING
MODEL NO. J58-0100*

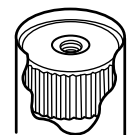


FURNISHED WITH 1/4-20 TH'D

REF. F

PLATED STEEL KNURLED BUSHING

- PERMITS POSITIVE CONCEALED FASTENING
- FOR 1-1/4" (32mm) O.D. TUBING
MODEL NO. J58-0014*



FOR 1-5/8" (41mm) O.D. TUBING

MODEL NO. J58-0158*

FURNISHED WITH 5/16-18 TH'D

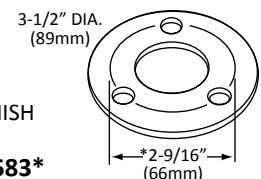
REF. G

STAINLESS STEEL ESCUTCHEON PLATE FLANGE

- 12 ga (2.6mm) STAINLESS STEEL W/ #4 SATIN FINISH
- FOR 1-5/8" (40mm) O.D. TUBING

WITH (3) 1/4" (6mm) DIA. HOLES **MODEL NO. J54-1583***

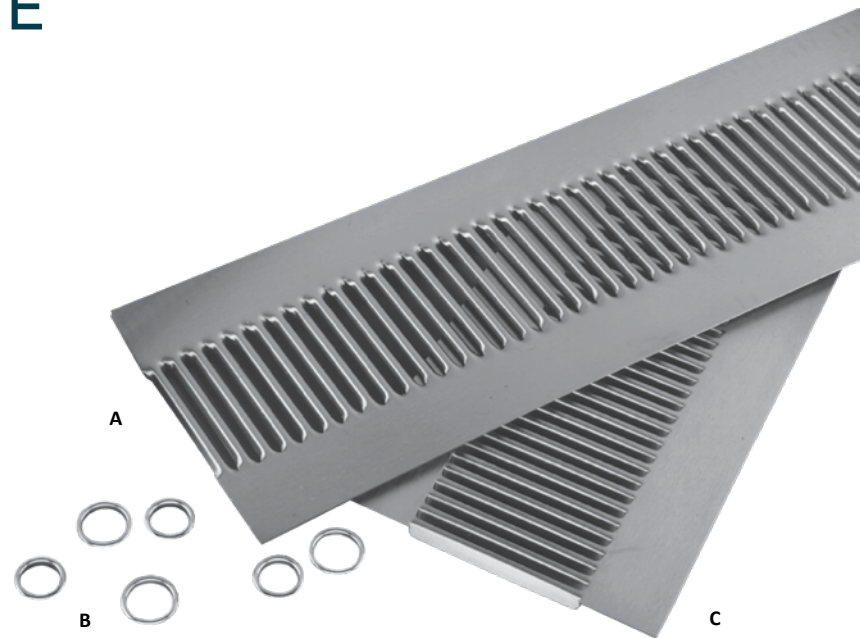
WITHOUT HOLES **MODEL NO. J54-1580**



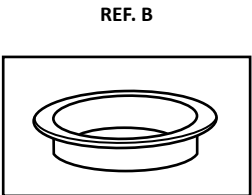
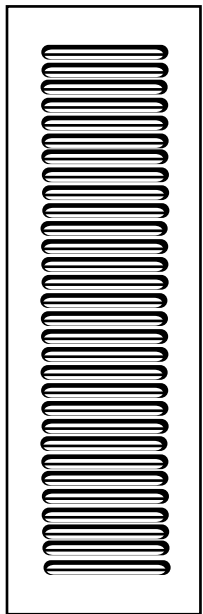
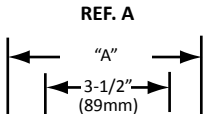
*16 GAUGE ONLY



DRIP PLATE



DRIP PLATE



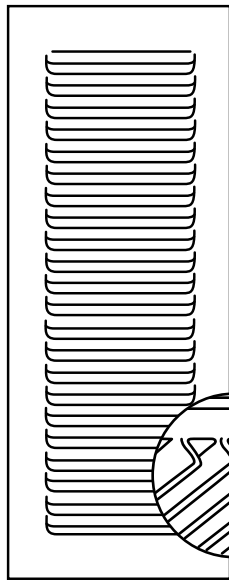
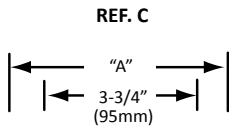
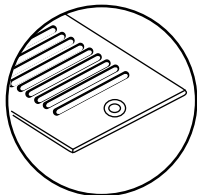
NICKEL PLATED BRASS
FINISHING RINGS

MODEL NO.
J86-4300

FOR 7/8" (22mm) DIA. HOLE

MODEL NO.
J86-4301

FOR 1" (25mm) DIA. HOLE



STAINLESS STEEL
DRIP PLATE
NON-SPLASH

- HEAVY DUTY DESIGN
- 21 ga (.8mm) WITH #4 FINISH

NON-SPLASH
STAINLESS STEEL DRIP PLATE

MODEL NO.	"A"	LENGTH
J80-5107-6-C	7" (178mm)	72" (1829mm)
J80-5109-6-C	9" (229mm)	72" (1829mm)

PACKAGED 5 PCS. PER BOX

STAINLESS STEEL
DRIP PLATE
ECONOMY TYPE

- ECONOMY DESIGN
- 24 ga (.6mm) WITH #4 FINISH

ECONOMY TYPE
STAINLESS STEEL DRIP PLATE

MODEL NO	"A"	LENGTH
J81-5206-6-C	6" (152mm)	72" (1829mm)
J81-5207-6-C	7" (178mm)	72" (1829mm)

PACKAGED 5 PCS. PER BOX



WALL SHELVING & POT RACK COMPONENTS

Without Pot Rack



With Pot Rack and Hooks



STAINLESS STEEL WALL SHELVING

MODEL NO.	DESCRIPTION
WS1224SS	12" (30cm) D X 24" (61cm) W without Pot Rack
WS1236SS	12" (30cm) D X 36" (91cm) W without Pot Rack
WS1248SS	12" (30cm) D X 48" (123cm) W without Pot Rack
WS1260SS	12" (30cm) D X 60" (152cm) W without Pot Rack
WS1272SS	12" (30cm) D X 72" (183cm) W without Pot Rack
WS1224SS-PR	12" (30cm) D X 24" (61cm) W w/ Pot Rack and 2 hooks
WS1236SS-PR	12" (30cm) D X 36" (91cm) W w/ Pot Rack and 3 hooks
WS1248SS-PR	12" (30cm) D X 48" (123cm) W w/ Pot Rack and 4 hooks
WS1260SS-PR	12" (30cm) D X 60" (152cm) W w/ Pot Rack and 5 hooks
WS1272SS-PR	12" (30cm) D X 72" (183cm) W w/ Pot Rack and 6 hooks

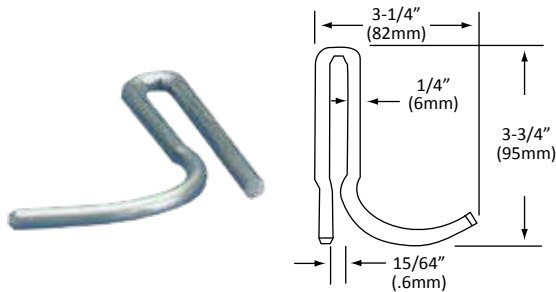
OPTIONAL ACCESSORIES

MODEL NO.	DESCRIPTION
J79-4115	Single Pot Hook, Stainless Steel (see below)
J77-4401	Double Pot Hook, Stainless Steel (see below)

POT RACK COMPONENTS

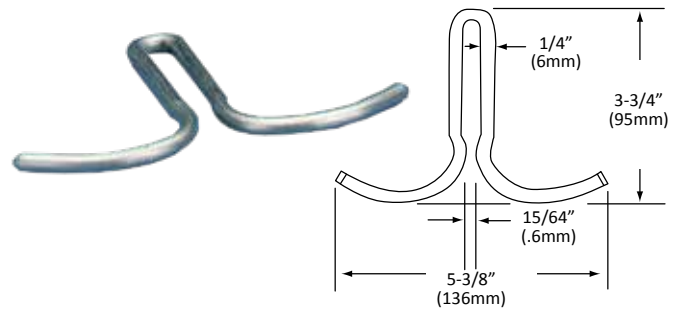
STAINLESS STEEL SLIDING POT RACK HOOK SINGLE PRONG

MODEL NO. J79-4115



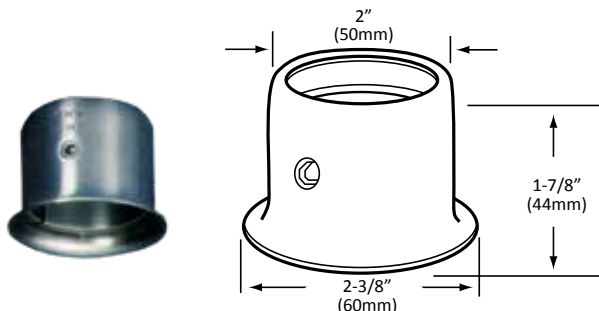
STAINLESS STEEL AND ZINC PLATED STEEL SLIDING POT RACK HOOKS DOUBLE PRONG

STAINLESS STEEL MODEL NO. J77-4401
ZINC PLATED STEEL MODEL NO. J77-4420



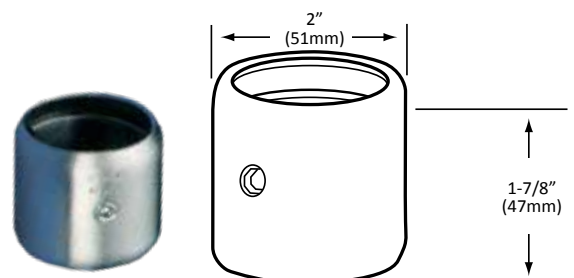
STAINLESS STEEL SUPPORT COLLAR FOR 1-5/8" (41mm) O.D. TUBING

MODEL NO. A16-0206-C

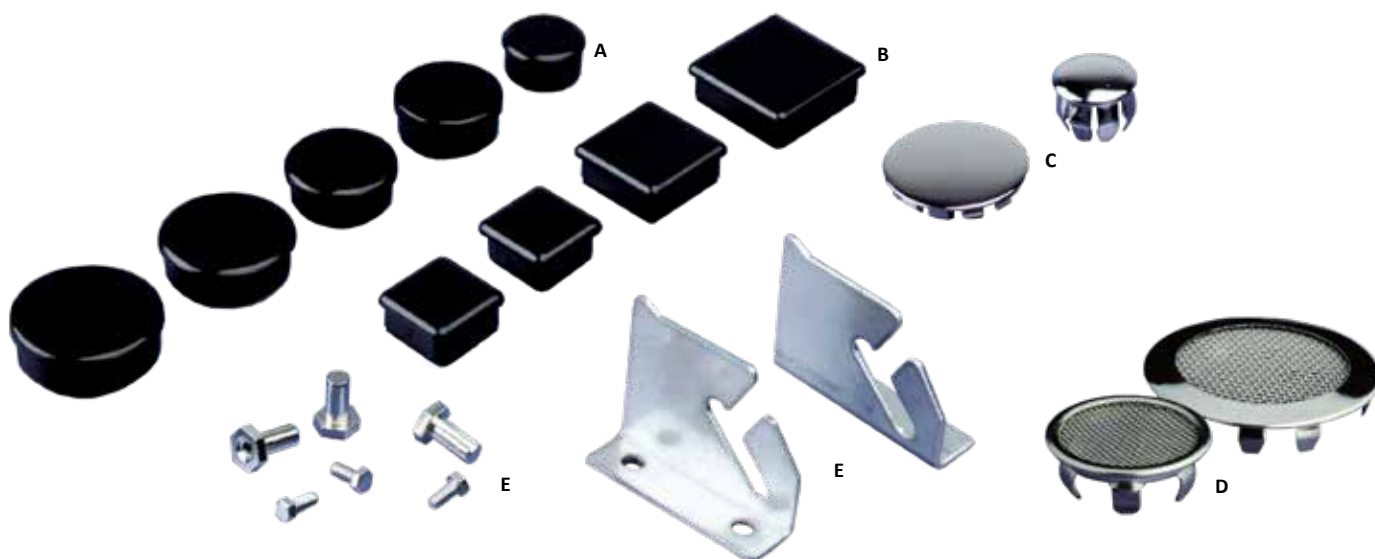


STAINLESS STEEL TUBULAR COLLAR FOR 1-5/8" (41mm) O.D. TUBING

MODEL NO. A24-0206-C



END CAPS AND LID COVER BRACKETS



END CAPS AND LID COVER BRACKETS

REF. A

THERMOPLASTIC END CAPS FOR ROUND TUBING

MATERIAL: NYLON
FINISH: GLOSS BLACK

MODEL NO.	O.D.	GAUGE
J16-1000-RD	1" (25mm)	18 (1.2mm)
J16-1250-RD	1-1/4" (32mm)	18 (1.2mm)
J16-2125-RD	1-1/4" (32mm)	16 (1.5mm)
J16-1500-RD	1-1/2" (38mm)	16 (1.5mm)
J16-1625-RD	1-5/8" (41mm)	16 (1.5mm)

REF. B

THERMOPLASTIC END CAPS FOR SQUARE TUBING

MATERIAL: NYLON
FINISH: GLOSS BLACK

MODEL NO.	O.D.	GAUGE
J16-1000-SQ	1" x 1" (25 x 25mm)	18 (1.2mm)
J16-1001-SQ	1" x 1" (25 x 25mm)	16 (1.5mm)
J16-1250-SQ	1-1/4" x 1-1/4" (32 x 32mm)	18 (1.2mm)
J16-1500-SQ	1-1/2" x 1-1/2" (38 x 38mm)	16 (1.5mm)

NOTE: * INDICATES OUTSIDE DIMENSIONS

REF. C

NICKEL PLATED STEEL END CAPS FOR ROUND TUBING

MODEL NO. J16-0201
FOR 1" (25mm) O.D. TUBING

MODEL NO. J16-0158
FOR 1-5/8" (41mm) O.D. TUBING

REF. D

SOLID STAINLESS STEEL SCREENED HOLE PLUGS

MODEL NO. J16-0201-SPSS
FOR 1" (25mm) DIA. HOLE

MODEL NO. J16-0158-SPSS
FOR 1-5/8" (41mm) DIA. HOLE

REF. E

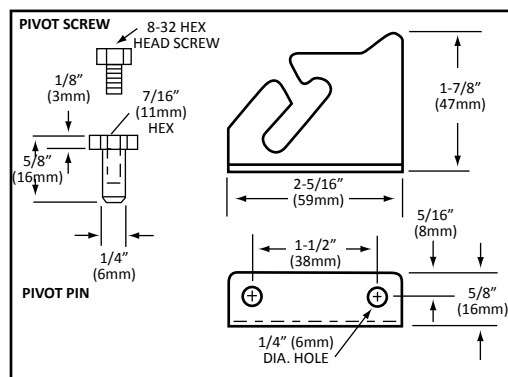
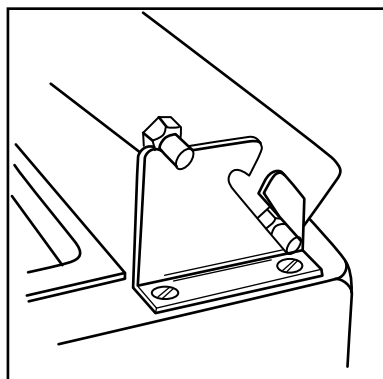
STAINLESS STEEL LID COVER BRACKET ASSEMBLY

- EASY INSTALLATION
- LIFT-OFF DESIGN

CAN BE FASTENED TO STAINLESS STEEL LIDS OR PLASTIC BUBBLE COVERS. DESIGNED FOR EASY LIFT-OFF AND FOR HOLD-OPEN POSITION FOR EASE OF SERVING.

MODEL NO. J33-1532

ASSEMBLY CONSISTS OF RIGHT & LEFT HAND BRACKETS COMPLETE WITH 4 PIVOT PINS WITH SCREW.



FOR STAINLESS STEEL PIVOT PINS ORDER **MODEL NO. J32-X001**
FOR STAINLESS STEEL PIVOT SCREWS ORDER **MODEL NO. J32-X002**



SINK/ TABLE/BAR ACCESSORIES



A



B



C

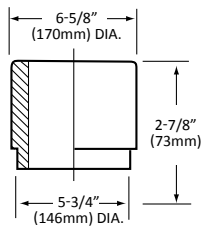
SINK / TABLE / BAR ACCESSORIES

REF. A

GREY SOLID RUBBER SCRAP BLOCK

FITS STANDARD 5-3/4" (146mm)
DIA. OPENING

MODEL NO. J92-9360

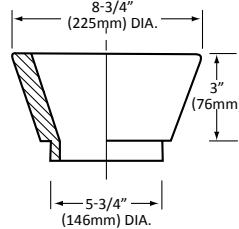


REF. B

GREY SOLID RUBBER SCRAP BLOCK FUNNEL SHAPED

FITS STANDARD 5-3/4" (146mm)
DIA. OPENING

MODEL NO. J92-5000

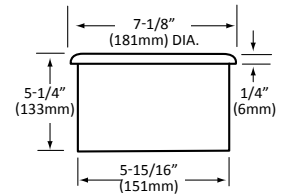


REF. C

STAINLESS STEEL SCRAP CHUTE

FITS STANDARD 6" (152mm)
DIA. OPENING

MODEL NO. J92-1000



D



REF. D

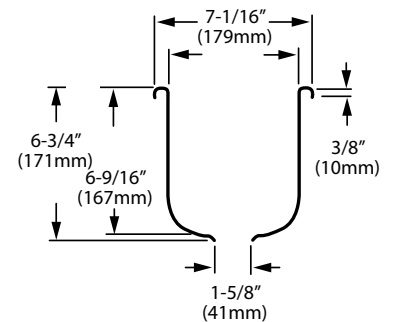
STAINLESS STEEL DIPPERWELL ASSEMBLY

- FITS INTO 6" (152mm) DIA. OPENING
- TYPE 18-8 STAINLESS STEEL INNER AND OUTER SHELL
- 9-1/2" (241mm) OVERALL LENGTH
- COMPLETE WITH STAINLESS STEEL DRAIN AND 1-1/2" (38mm) O.D. X 4" (102mm) LONG BRASS NICKEL PLATED TAILPIECE

MODEL NO. K30-1000
WITHOUT FAUCET

MODEL NO. K30-1010
WITH FAUCET

MODEL NO. K22-3100
FAUCET ONLY



ALSO AVAILABLE AS INDIVIDUAL COMPONENTS
1/2" NPS MALE INLET FURNISHED WITH 1/4" NPT
MALE UNION TAILPIECE AND MOUNTING HARDWARE

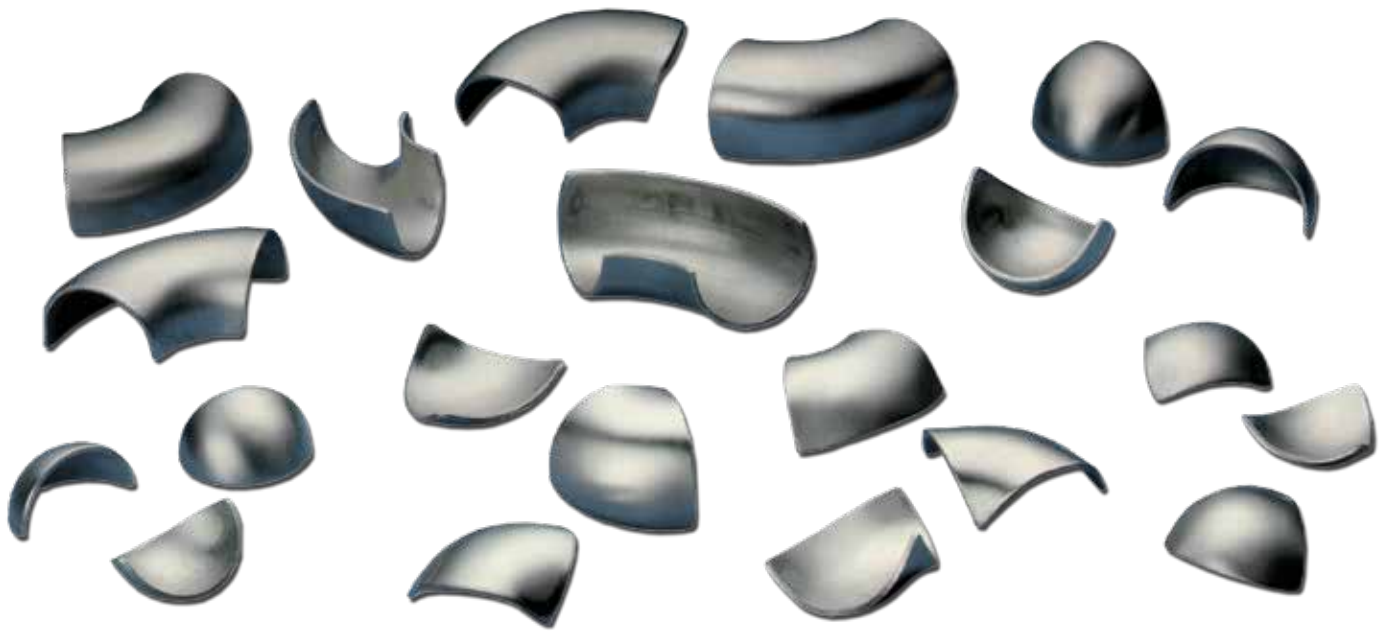


**PLATED CAST IRON
BOTTLE OPENER**
MODEL NO. T80-0485

H



CORNER INSERTS



WELD-IN CORNER INSERTS

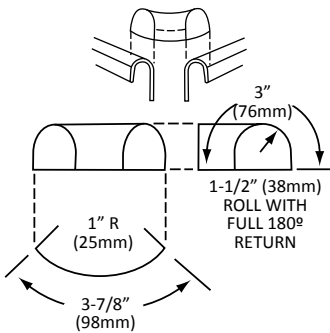
- IDEAL FOR STAINLESS STEEL SINKS, COUNTERS AND WORK TABLES

STAINLESS STEEL COVE CORNER INSERT

14 ga (1.8mm)

MODEL NO. J70-4701

FOR NOMINAL 1-1/2" (38mm) ROLLS
WITH 1" (25mm) INSIDE RADIUS

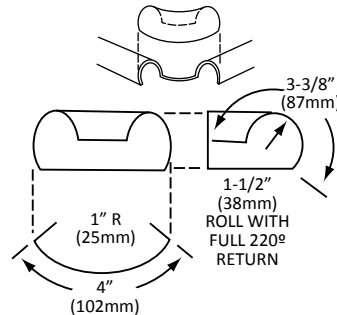


STAINLESS STEEL COVE CORNER INSERT

14 ga (1.8mm)

MODEL NO. J70-4691

FOR NOMINAL 1-1/2" (38mm) ROLLS
WITH 1" (25mm) INSIDE RADIUS



STAINLESS STEEL SQUARE CORNER INSERT

14 ga (1.8mm)

MODEL NO. J74-4721

1-1/2" (38mm) COVE

A=2-1/4" (57mm), B=2-5/16" (59mm)

MODEL NO. J74-4723

1-3/4" (44mm) COVE

A=2-7/8" (73mm), B=2-11/16" (66mm)

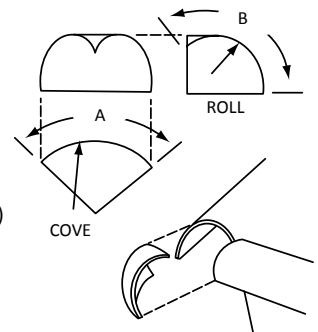
MODEL NO. J74-4725

1-5/8" (41mm) COVE

A=2-9/16" (65mm), B=2-1/2" (63mm)

MODEL NO. J74-4730

1-3/8" (35mm) COVE



STAINLESS STEEL BULL NOSE INSERT

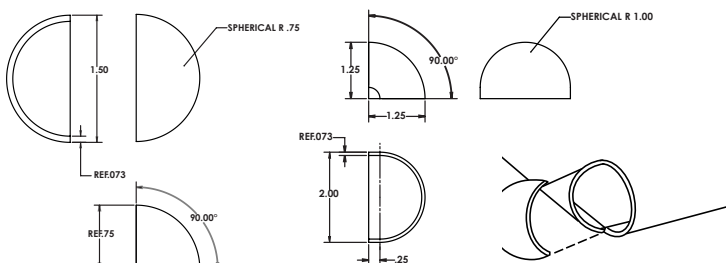
14 ga (1.8mm)

MODEL NO. J72-4711

1.5" (38mm) ROLL, 3/4" SPHERICAL RADIUS, .073 GAUGE

MODEL NO. J72-4731

2" (51mm) ROLL, 1" SPHERICAL RADIUS, .073 GAUGE

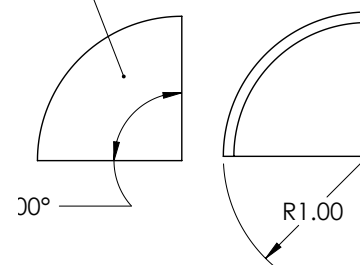


STAINLESS STEEL TRIANGULAR INSERT

14 ga (1.8mm)

MODEL NO. J70-4801

FULL SPHERICAL R 1.00

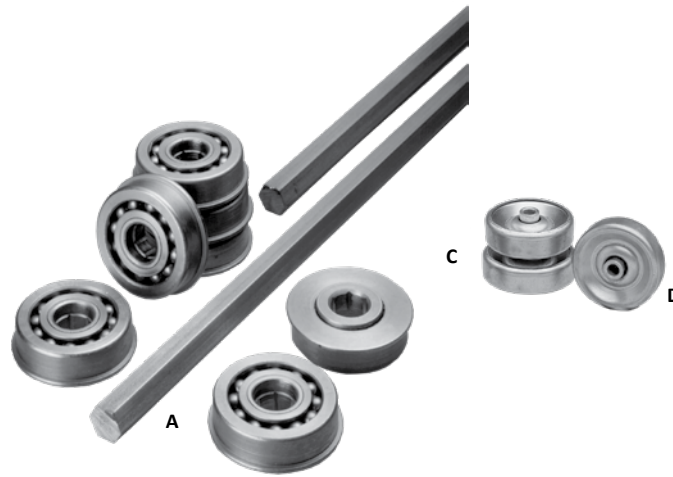


QUARTER SPHERES FOR NOMINAL
1-1/2" (38mm) AND 2" (51mm)

H



CONVEYOR ROLLER COMPONENTS AND WHEELS



CONVEYOR ROLLER COMPONENTS AND WHEELS

REF. A

STAINLESS STEEL CONVEYOR COMPONENTS

STAINLESS STEEL CONVEYOR BEARING

FLANGED BALL BEARING WHEEL ASSEMBLY
FOR 1-5/8" (41mm) O.D. 16 ga (1.5mm) TUBING

MODEL NO. B29-0080

STAINLESS STEEL HEX AXLE ROD

7/16" (11mm) SOLID HEX AXLE ROD
AVAILABLE IN 6 ft (1.9m) LENGTHS

MODEL NO. B80-0716

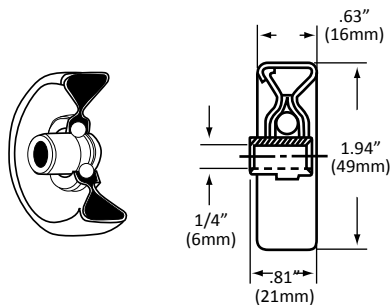
REF. C

STAINLESS STEEL WHEEL

MODEL NO. IR-1061

ZINC PLATED STEEL with OFFSET BUSHING

MODEL NO. IR-2112



REF. D

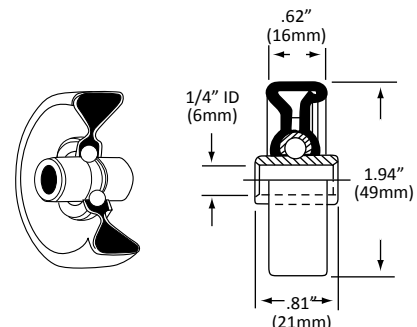
STAINLESS STEEL and STEEL WHEELS

- IDEAL FOR DRAWER SLIDES AND CONVEYOR ASSEMBLIES
- HEAT TREATED INNER AND OUTER RACEWAYS
- ALL METAL CONSTRUCTION

STAINLESS STEEL WHEEL

MODEL NO. IR-0031

**STEEL WHEEL ZINC PLATED
MODEL NO. IR-2263**



CONVEYOR ROLLER ASSEMBLIES

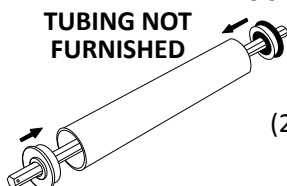


CONVEYOR ROLLER ASSEMBLIES

MADE TO ORDER COMPLETE ROLLER ASSEMBLIES

COMPLETE ROLLER ASSEMBLIES (TUBING AND SERIES 1100 PLASTIC ROLLER BEARINGS) ARE AVAILABLE FABRICATED TO INDIVIDUAL REQUIREMENTS.

THESE COMPLETE ASSEMBLIES PERMIT INDIVIDUAL SPECIFICATIONS OF TUBING DIAMETER AND MATERIAL, SHAFT MATERIAL, SHAFT SIZE AND A VARIETY OF MOUNTINGS. THE VARIABLES INCLUDE.



TUBING DIAMETERS

.78, 1.18, 1.90

(20mm, 28mm, 39mm, 48mm)

TUBING MATERIALS

PLASTIC (PVC), ALUMINUM AND STAINLESS STEEL

SHAFT MATERIALS

CARBON STEEL, ALUMINUM AND STAINLESS STEEL

SHAFT SIZES

FROM .192", .250" OR .312" DIA. AND 5/16" OR 7/16" HEX
(5mm, 6mm, 8mm) (8mm or 11mm)

MOUNTINGS

PLAIN, THREADED, TAPPED AND SPRING LOADED

NOTE: WE WELCOME YOUR INQUIRIES FOR SPECIFIC DESIGNS TO SATISFY YOUR INDIVIDUAL REQUIREMENTS. HOWEVER, NOT ALL COMBINATIONS ARE POSSIBLE. PLEASE CONTACT OUR SALES OFFICE FOR ASSISTANCE IN DESIGNING YOUR CUSTOM ROLLER ASSEMBLIES. ALLOW 4-6 WEEKS FOR DELIVERY OF COMPLETE ROLLER ASSEMBLIES.

H



CUSTOM CONVEYOR ROLLER ORDER FORM



INDICATE ROLLER SPECIFICATIONS BELOW AND LENGTH AT RIGHT.
NOTE: REFER TO THE MATRIX FOR AVAILABLE TUBING/SHAFT COMBINATIONS.

STANDARD LEAD TIME - 4 WEEK ARO

CUSTOM ROLLERS ARE NOT RETURNABLE.

QUANTITY: _____

TUBE DIAMETER (IN): _____

- 0.62
- .075
- 0.78
- 1.12
- 1.18
- 1.90

TUBE MATERIAL:

- STAINLESS STEEL
- GRAY PVC
- ANODIZED ALUMINUM
- GALVANIZED STEEL

SHAFT MATERIAL:

- CARBON STEEL
- STAINLESS STEEL

SHAFT SIZE:

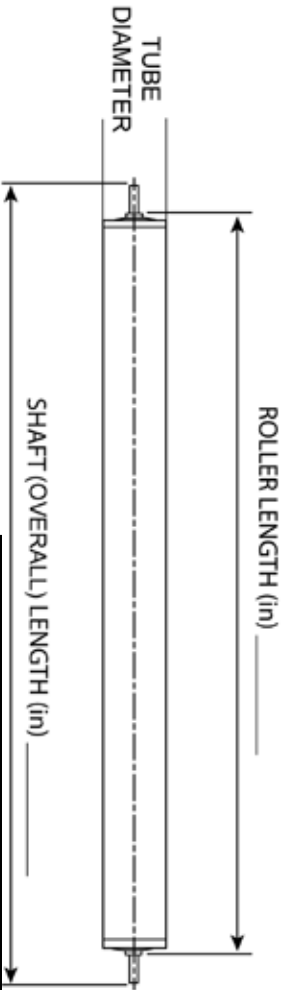
- .192 DIA.
- .250 DIA.
- .312 DIA.
- .312 HEX
- .375 HEX
- .437 HEX

SHAFT TYPE:

- SPRING LOADED
- THREADED
- END DRILLED AND TAPPED (IF THREADED OR TAPPED, NOTE SIZE BELOW)

SHAFT THREAD SIZE (CHOOSE ONE):

- 10-32
- 1/4-20
- 5/16-18



Tube Diameter	Tube Material	Wall Thickness	SHAFT TYPES									
			0.192" round C/S or S/S spring loaded	0.192" round C/S or S/S threaded 10-32	1/4" round C/S or S/S or aluminum spring loaded	1/4" round C/S or S/S threaded 1/4 - 20	5/16" round C/S or S/S spring loaded	5/16" round C/S or S/S threaded 5/16 - 18	5/16" hex C/S or S/S spring loaded	3/8" hex C/S spring loaded	7/16" hex C/S or S/S spring loaded	7/16" hex C/S end drilled and tapped 1/4 - 20 x 5/8 deep
0.62"	Polished S/S	.035"	•	•								
	Polished S/C	.035"			•	•						
	Anodized Aluminum	.035"			•	•						
	Gray PVC	.060"			•	•						
0.75"	Anodized Aluminum	.050"	•	•	•	•						
0.78"	Gray PVC	.070"	•	•	•	•						
1.12"	Anodized Aluminum	.065"	•	•	•	•						
1.18"	Gray PVC	.065"	•	•	•	•						
1.9"	Mill Finish Aluminum	.065"	•	•	•	•	•	•	•	•	•	•
	Galvanized Carbon Steel	.065"	•	•	•	•	•	•	•	•	•	•
	Polished S/S	.065"	•	•	•	•	•	•	•	•	•	•
	Gray PVC	.11"					•	•	•	•	•	•



90 Matawan Rd, Suite 202, Matawan, NJ 07747 Tel 800-526-3694 • www.edainternational.com / www.mbhny.com

COMPANY NAME: _____
CONTACT: _____
PHONE: _____
EMAIL: _____
STREET: _____
CITY/STATE/ZIP: _____
P.O. #: _____

HOT SIDE



MOVABLE GAS HOSES & ACCESSORIES

I205-I206

GAS & RING BURNERS

I207

GAS BURNER COMPONENTS

I208

OVEN LATCHES & HINGES

I209

HOT FOOD WELLS & FRYER SPLASH GUARD

I209



MOVABLE GAS HOSES & ACCESSORIES *Encore®*



Model No.	Connection Size	Hose Length
GHM-012H36	1/2"	36"
GHM-012H48		48"
GHM-012H60		60"
GHM-012H72		72"
GHM-034H36	3/4"	36"
GHM-034H48		48"
GHM-034H60		60"
GHM-034H72		72"
GHM-100H36	1"	36"
GHM-100H48		48"
GHM-100H60		60"
GHM-100H72		72"

5 Year Warranty



360° SWIVEL CONNECTOR

- ALLOWS GAS HOSE TO SWIVEL IN TIGHT AREAS AND REDUCES STRESS ON THE HOSE FROM BENDING
- FULL GAS FLOW WITH NO RESTRICTION
- 360 DEGREE FULL ROTATION

Model No.	Size
GHM-SW012	1/2"
GHM-SW034	3/4"
GHM-SW100	1"



QUICK DISCONNECT

- ALLOW FOR EASY DISCONNECT TO MOVE EQUIPMENT FOR MAINTENANCE AND CLEANING

Model No.	Size
GHM-QD012	1/2"
GHM-QD034	3/4"
GHM-QD100	1"



90° ELBOWS - US

- ALLOW FOR VERSATILITY IN TIGHT CONDITIONS

Model No.	Size
GHM-90EUS012	1/2"
GHM-90EUS034	3/4"
GHM-90EUS100	1"



FULL PORT BALL VALVE

- BALL VALVE IS REQUIRED BY CODE TO ALLOW FOR MANUAL SHUTOFF WITHIN 5 FT. OF APPLIANCE

Model No.	Size
GHM-SOV012	1/2"
GHM-SOV034	3/4"
GHM-SOV100	1"



RESTRAINING KIT

- RESTRAINING KIT WILL BE 12" SHORTER THAN HOSE LENGTH

Model No.	Size
GHM-RC21	21"
GHM-RC36	36"
GHM-RC48	48"



90° ELBOWS - CANADA

- ALLOW FOR VERSATILITY IN TIGHT CONDITIONS

Model No.	Size
GHM-90ECDN012	1/2"
GHM-90ECDN034	3/4"
GHM-90ECDN100	1"



Encore MOVABLE GAS HOSE CONNECTOR KITS

COMPLETE KIT - US

INCLUDES:

- GAS HOSE
- QUICK DISCONNECT
- SHUT-OFF BALL VALVE
- RESTRAINING CABLE KIT
- (2) 90° ELBOWS



US Model No.	Connection Size	Hose Length
GHM-012KTU136	1/2"	36"
GHM-012KTU148		48"
GHM-012KTU160		60"
GHM-012KTU172		72"
GHM-034KTU136	3/4"	36"
GHM-034KTU148		48"
GHM-034KTU160		60"
GHM-034KTU172		72"
GHM-100KTU136	1"	36"
GHM-100KTU148		48"
GHM-100KTU160		60"
GHM-100KTU172		72"

COMPLETE KIT - CANADA

INCLUDES:

- GAS HOSE
- QUICK DISCONNECT
- SHUT-OFF BALL VALVE
- RESTRAINING CABLE KIT
- (2) 90° ELBOWS



CA Model No.	Connection Size	Hose Length
GHM-012KTC136	1/2"	36"
GHM-012KTC148		48"
GHM-012KTC160		60"
GHM-012KTC172		72"
GHM-034KTC136	3/4"	36"
GHM-034KTC148		48"
GHM-034KTC160		60"
GHM-034KTC172		72"
GHM-100KTC136	1"	36"
GHM-100KTC148		48"
GHM-100KTC160		60"
GHM-100KTC172		72"



RING BURNERS



CAST IRON RING BURNER ASSEMBLIES

REF. A

RING BURNER

CAST IRON RING BURNER ASSEMBLY WITH VALVE, AIR MIXING CHAMBER AND RANGE COCK HANDLE

- 22,000 BTU PER HOUR • 6" BURNER DIAMETER
- INCLUDES AIR MIXING CHAMBER AND SLIP FIT BURNER VALVE WITH INSULATED RANGE COCK HANDLE
- ORIFICE SIZE: 70 TO 43 UNIVERSAL

MODEL NO. G12-6550
RATING: 22,000 BTU/HR

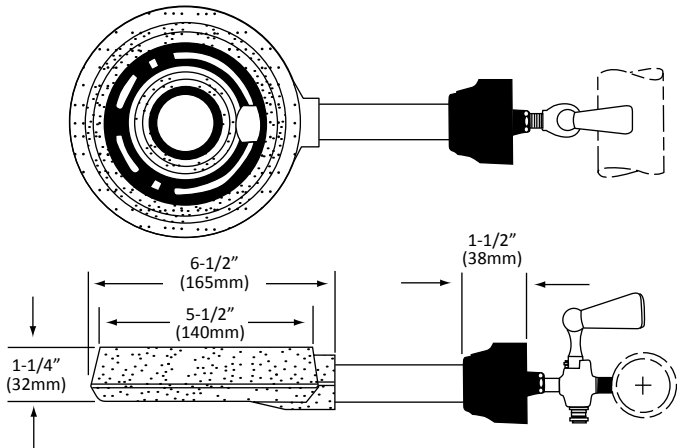
REF. B

RING BURNER

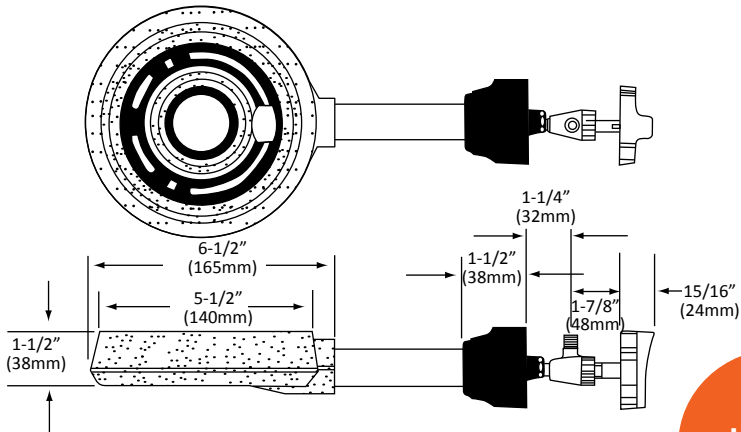
CAST IRON RING BURNER ASSEMBLY WITH VALVE, AIR MIXING CHAMBER AND BLACK CONTROL KNOB

- 22,000 BTU PER HOUR • 6" BURNER DIAMETER
- INCLUDES AIR MIXING CHAMBER, SLIP FIT BURNER VALVE AND BLACK THERMOPLASTIC CONTROL KNOB

MODEL NO. G10-6550
RATING: 22,000 BTU/HR



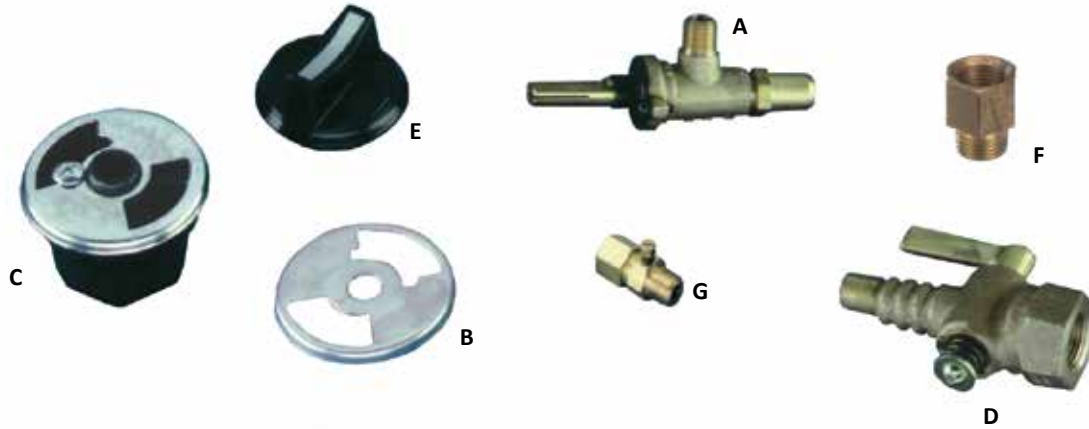
NOTE: MANIFOLD AND NIPPLE (3/4" N.P.T.) NOT SUPPLIED
6" RING BURNER ONLY **MODEL NO. G12-X001**



NOTE: MANIFOLD AND NIPPLE (3/4" N.P.T.) NOT SUPPLIED



GAS BURNER COMPONENTS



REF. A

BURNER VALVES

- 1/8" NPT MALE INLET BRASS BURNER VALVE WITH ADJUSTABLE SLIP FIT ORIFICE
- FOR LP OR NATURAL GAS • 1/8" NPT MALE INLET
 - #72 TO #42 ADJUSTABLE ORIFICE

MODEL NO. G40-6452

REF. B

AIR MIXING PLATE

- ZINC PLATED STEEL AIR MIXING PLATE
- FOR USE WITH G46 SERIES AIR MIXING CHAMBERS
- MODEL NO. G44-4360**

REF. C

AIR MIXING CHAMBER

- CAST IRON AIR MIXING CHAMBER WITH AIR MIXING PLATE FOR 1/8" NPT THREADED ORIFICE
- 1/8" NPT INLET • 3/4" NPT OUTLET • SUPPLIED WITH ZINC PLATED ADJUSTABLE AIR MIXING PLATE AND SCREW
- MODEL NO. G46-4360**

- CAST IRON AIR MIXING CHAMBER WITH AIR MIXING PLATE FOR SLIP FIT ORIFICE
- 7/16" SLIP FIT INLET • 3/4" NPT OUTLET • SUPPLIED WITH ZINC PLATED ADJUSTABLE AIR MIXING PLATE AND SCREW
- MODEL NO. G46-4361**

REF. D

BURNER VALVE

- 1/8" NPT MALE INLET X 3/8" NPT FEMALE OUTLET BRASS BURNER VALVE WITH BRASS HANDLE
- 1/8" N.P.T. MALE INLET • 3/8" N.P.T. FEMALE
- MODEL NO. G38-5330**

REF. E

VALVE HANDLE

- BLACK THERMOPLASTIC BURNER CONTROL KNOB
- FITS MOST STANDARD .35" DIAMETER D-STEM BURNER VALVES
 - KNOB DOES NOT INCLUDE ANY INDICATOR MARKINGS
- MODEL NO. G50-5420**

REF. F

BRASS THREADED ORIFICE

- 1/8" NPT FEMALE X 1/8" NPT MALE BRASS THREADED ORIFICE
- 1/8" NPT FEMALE INLET X 1/8" NPT MALE OUTLET
 - FURNISHED WITH #70 ORIFICE HOLE
 - CONSULT LOCAL GAS UTILITY COMPANY FOR RECOMMENDED ORIFICE HOLE DIAMETER FOR THE TYPE OF FUEL, FEED PRESSURE AND ATMOSPHERIC PRESSURE BEING USED
- MODEL NO. G36-4370**

REF. G

PILOT VALVE, BRASS ADJUSTABLE

- 1/8" N.P.T. MALE INLET FOR 1/4" (6mm) O.D. TUBING
- MODEL NO. G34-6460**



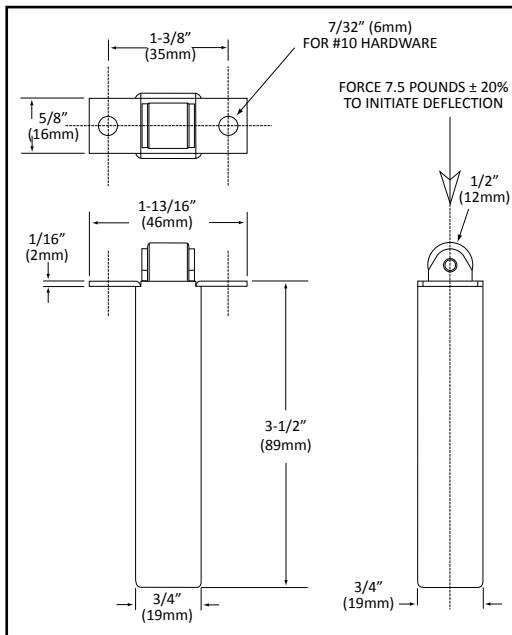
LATCHES, HINGES, FOOD WELLS AND FRYER SPLASH GUARD



LATCH ASSEMBLY

MODEL NO. M23-5000

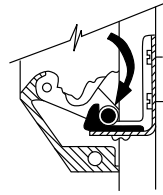
- SPRING LOADED TO POSITIVELY HOLD DOOR CLOSED
 - LIQUID TIGHT-WELDED CONSTRUCTION
 - LIFE CYCLE TESTED FOR OVER 50,000 CYCLES
 - LONG LIFE BRASS ALLOY ROLLERS
 - STABLE TWO ROLLER DESIGN
 - NON MAGNET-POSITIVE MECHANICAL
 - STAINLESS STEEL HOUSING
- PRE-SET TENSION-NO ADJUSTMENT REQUIRED
- CAN BE MOUNTED IN DOOR FRAME OR DOOR IN ANY ORIENTATION
- CONTINUOUS OPERATING TEMPERATURE: 400°F
 - MAX TEMPERATURE: 600°F



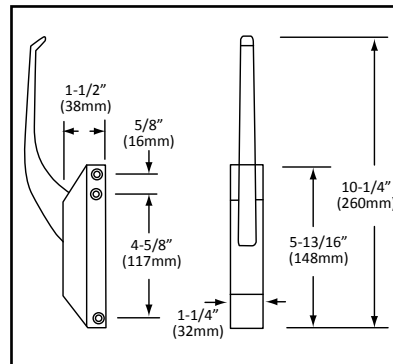
SINGLE ACTION EDGEMOUNT OVEN LATCHES

SINGLE ACTION DESIGN FOR OVEN USE.
FURNISHED WITH HEAT RESISTANT BRONZE
ROLLER AND INSULATED HANDLE.

MODEL NO. R35-3105-X



SINGLE ACTION
FEATURES POSITIVE PRESSURE SEAL.



CASE & HANDLE:
STRIKE PLATE:
FINISH:

SPECIFICATIONS:
DIE CAST METAL
PLATED STEEL
CHROME PLATE
DRILLED AND
COUNTERSUNK
FOR NO. 10 SCREWS



NON-RISE / ADJUSTABLE HIGH TEMP HINGE

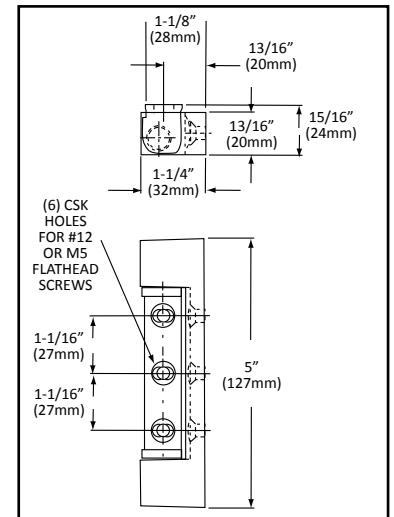
FOR HEATED CABINETS &
COMMERCIAL OVENS

MODEL NO. R42-2843*

- RATED TO 500°F (260°C) • NON- HANDED
- SOLID BRASS FORGED CONSTRUCTION SPECIFICALLY DESIGNED FOR HIGH TEMPERATURE USE ON CABINETRY AND OVENS WHERE SURFACE TEMPERATURE IS A CONCERN
- MOUNTING HOLE LOCATIONS ARE INTERCHANGEABLE WITH COMPETITORS' HINGES
- NON-RISE FUNCTION ALLOWS FOR EASY DOOR SWING WITHOUT CONCERN FOR DOOR RISE
- SERRATED ADJUSTING PLATE ALLOWS FOR QUICK AND EASY DOOR ADJUSTMENT TO COMPENSATE FOR DOOR SAG
- CHROME PLATED CONTEMPORARY STYLING

1-1/8" (28mm) OFFSET

*OPTIONAL POWER SPRING CONVERSION KIT
MODEL NO. R42-2800 AVAILABLE - SEE PG B46



ADJUSTMENT PLATE PERMITS 3/16" (5mm)
ADJUSTMENT DRILLED AND COUNTERSUNK
FOR NO.10 SCREWS

HOT FOOD WELLS

- ALL STAINLESS STEEL • STANDARD 12 X 20 SIZE
- AVAILABLE WITH OR WITHOUT DRAIN HOLE



REF.	MODEL NO.	DIMENSIONS	DESCRIPTION
A	S82-1220	22" x 14" x 6"	No Drain
B	S82-1220-DR	21.5" x 13.5" x 6"	With Drain Hole
Not Shown	S82-1220-DRA	21.5" x 13.5" x 6"	With Strainer Drain
Not Shown	S82-1220-SPSS	12" x 20"	No Drain, 20 Gauge, Type 304



FRYER SPLASH GUARD

- STAINLESS STEEL
- UNIVERSAL DESIGN

MODEL NO. FRY90-1000



CUSTOM SOLUTIONS

FABRICATION SUPPLIES



POLISH & CLEANING PRODUCTS	J211	TAPS, DRILLS	J215
COMPOUNDS & SEALERS	J212	DRILL BIT DECIMAL EQUIVALENTS	J216
WELD STUDS, FASTENERS & RIVITS	J213	TAP DRILL SIZES	J217
ABRASIVE PADS	J214	TACKY TAPE, BRAKE FILM SOUND PADS & FOGGERS	J218



POLISH & CLEANING PRODUCTS



REF. A

BRITE GARD™ STAINLESS STEEL CLEANER/PROTECTANT

- CLEANS, SHINES & PROTECTS • SPECIFICALLY FORMULATED FOR USE ON INDOOR/OUTDOOR STAINLESS STEEL APPLIANCES
- SAFE – USES FOOD GRADE INGREDIENTS • VIRTUALLY ELIMINATES FINGERPRINTS & SMUDGES • ENVIRONMENTALLY FRIENDLY – USES MANUAL PUMP SPRAYER, NOT AEROSOLS

MODEL NO.	DESCRIPTION	UNIT PACK
Q85-2004	4 oz Bottle	Each
Q85-2016	16 oz Bottle	Each

REF. C

SHEILA SHINE® STAINLESS STEEL POLISH AND SURFACE PRESERVATIVE

- ECONOMICAL • CLEANS, POLISHES, PROTECTS
- PRESERVES SURFACES AGAINST DETERIORATION
 - RESISTS FINGERPRINTS AND STREAKING
 - IDEAL FOR FORMICA SURFACES
- G.S.A. APPROVED • U.S.D.A. AUTHORIZED

MODEL NO. Q85-1010
10 oz (283g) AEROSOL CAN

MODEL NO. Q85-1012
ONE gal (3.7 lit) CONTAINER

REF. B

BRITE GARD® ALL PURPOSE WIPERS

- MADE WITH 25% RECYCLED CELLULOSE FIBERS • PERFECT FOR HEAVY DUTY WET/DRY WIPING APPLICATIONS
- IDEAL FOR MOST METAL WORKING AND MESSY FLUID APPLICATIONS • INTERFOLDS ARE PERFECT FOR JOBS THAT REQUIRE LARGE WIPERS
- TWO TIMES STRONGER THAN THE COMPETITION • COST EFFECTIVE ALTERNATIVE TO CLOTH TOWELS & RAGS • LOW LINT

SUPER STRENGTH INTERFOLD (126 count) MODEL NO. Q85-8000	
Sheet Size:	9-1/2" x 16-1/2" (241mm x 419mm)
Sheet Per Case:	1008
Case Quantity:	8
Case Weight:	18lbs (8kg)



COMPOUNDS & SEALERS



REF. A

SILICONE SEALER

SILICONE SEALANT 10.3 oz (305ml) CARTRIDGE

- FITS ALL STANDARD CAULKING GUNS
- F.D.A APPROVED • U.L. RECOGNIZED
- MEETS F.D.A. EXTRACTION REQUIREMENT NO. 21 CFR177.2600
- SUPPLIED WITH A REMOVABLE TIP

MODEL NO.	COLOR	MAXIMUM SERVICE TEMP.
M90-1010	Clear	392°F (200°C)
M90-1012	Aluminum	392°F (200°C)
M90-1014	White	392°F (200°C)
M90-1016	Black	392°F (200°C)
M90-1018	Hi Temp Red	500°F (315°C)

ALSO AVAILABLE IN 3 oz (83g) TUBES

CLEAR: M90-0310 ALUMINUM: M90-0312

WHITE: M90-0314 HIGH TEMP RED: M90-0318

PACKAGED 20 PER PACK

5 gal CLEAR (19 lit): MODEL NO. M90-5012

REF. B

THERMAL MASTIC HEAT TRANSFER COMPOUND

- REPLACES SOLDER FOR HEAT TRANSMISSION
- STABLE AT ALL WORKING TEMPERATURES

Thermal mastic is used wherever rapid heat transmission is desired between coils and liners, between liquid and suction line heat exchangers.

MODEL NO. Q77-1000 THERMAL MASTIC COATING
10.3 Oz. (305ml) TUBE CARTRIDGE

MODEL NO. Q77-1250 THERMAL MASTIC COATING
5 GALLON (19 LITER) CONTAINER

MODEL NO. Q77-1260 THERMAL MASTIC COATING
53 GALLON (200 LITER) CONTAINER

REF. C

LATEX SOUND DEADENER

- FOR SHEET METAL RESONANCE, DAMPING AND NOISE CONTROL, SMOOTH FLOWING LATEX SOUND DEADENER IS PREPARED SPECIFICALLY FOR BRUSH AND SPRAY APPLICATION. MATERIAL IS NON-AGING, DOES NOT BECOME BRITTLE AND MAY BE PAINTED WHEN DRY.

COLOR: LIGHT GRAY

MODEL NO. Q75-1366 ONE GALLON (3.7 liter) CONTAINER

MODEL NO. Q75-1366-DR 53 GALLON (200 liter) DRUM

NOTE: ONE GALLON (3.7 LITER) COVERS APPROXIMATELY
30-50 SQ. FT. (2.8-4.6 SQ. METERS)



WELD STUDS, FASTENERS & RIVETS



REF. A
**COPPER FLASHED
WELD STUDS CD TYPE**

MODEL NO.	SIZE	LENGTH
Q36-1010	10-24	3/8" (9mm)
Q36-1012	10-24	1/2" (13mm)
Q36-1013	10-24	5/8" (16mm)
Q36-1014	10-24	3/4" (19mm)
Q36-1310	1/4-20	3/8" (9mm)
Q36-1312	1/4-20	1/2" (13mm)
Q36-1314	1/4-20	3/4" (19mm)

NOTE: OTHER SIZES (IN QUANTITY)

THREADLESS WELD STUDS 18-8 STAINLESS STEEL

REF. B

MODEL NO. Q37-1412

1/4" DIA. X 1/2" LG. (6mm DIA. X 13mm LG.)

REF. C

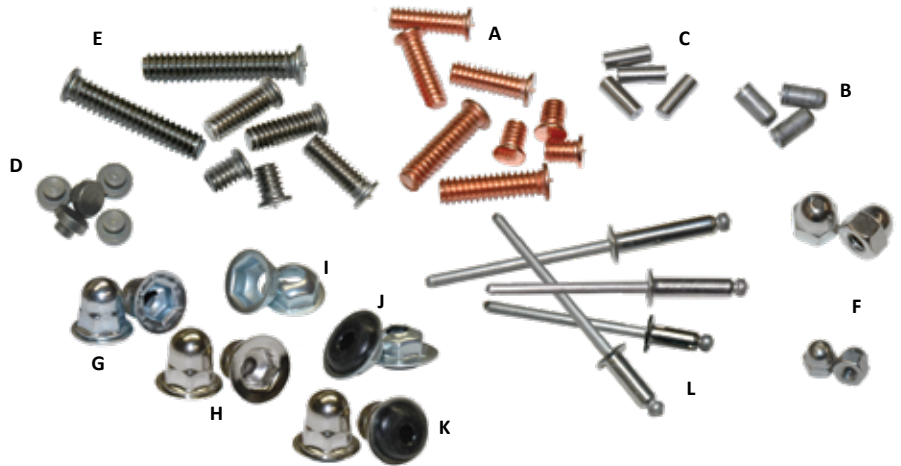
MODEL NO. Q37-3162

3/16" DIA. X 1/2" LG. (4.7mm DIA. X 13mm LG.)

STUD WELDING COLLETS

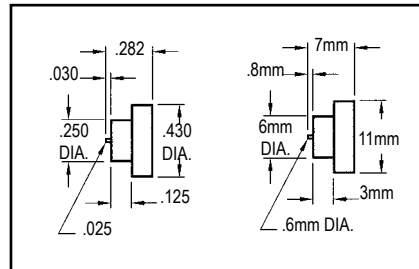
• CASE HARDENED

REF	MODEL NO.	USED WITH:
M	*QTC-1024	10-24 Weld Stud
M	*QTC-1420	1/4-20 Weld Stud
M	*QTC-0716	7/16 Weld Stud
N	QIC-1024	10-24 Weld Stud
O	QOR-1024	10-24 Weld Stud
P	QBC-1024	10-24 Threaded Base Stud Welding Collet



REF. D
**STAINLESS KEYHOLE
WELD STUDS**

MODEL NO. Q37-0250



REF. E

STAINLESS STEEL WELD STUDS CD TYPE

18-8 STAINLESS STEEL

MODEL NO.	SIZE	LENGTH
Q36-1110	10-24	3/8" (9mm)
Q36-1112	10-24	1/2" (13mm)
Q36-1113	10-24	5/8" (16mm)
Q36-1114	10-24	3/4" (19mm)
Q36-1116	10-24	1" (25mm)
Q36-1410	1/4-20	3/8" (9mm)
Q36-1412	1/4-20	1/2" (13mm)
Q36-1414	1/4-20	3/4" (19mm)
Q36-1416	1/4-20	1" (25mm)

NOTE: OTHER SIZES (IN QUANTITY)

REF. F

STAINLESS STEEL CAP NUTS

MODEL NO.	SIZE	INTERNAL SCREW HEIGHT CLEARANCE
Q31-1024	10-24	5/16" (8mm)
Q31-1420	1/4-20	3/8" (9.5mm)

COMBINATION LOCKNUT HEX NUT/LOCKWASHER

SIZE	REF.	MODEL NO.	SIZE	MATERIAL
	G**	Q34-1024	10-24	Zinc Plated
	H**	Q34-2024	10-24	Bright Nickel
	I	Q32-1024	10-24	Zinc Plated
	J	Q33-1024*	10-24	Zinc Plated
	K**	Q33-2024*	10-24	Bright Nickel
	I	Q32-1420	1/4-20	Zinc Plated

*WITH RUBBER SEALING UNDERSIDE

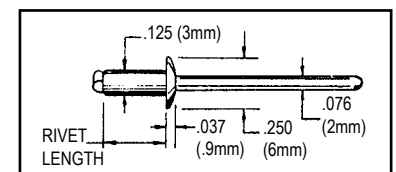
**INTERNAL SCREW HEIGHT
CLEARANCE OF 1/2" (13mm)

REF. L

STAINLESS STEEL BLIND RIVETS 1/8" (3mm) DIA. DOMED HEAD

MODEL NO.	GRIP RANGE	RIVET LENGTH
Q45-4400	.188 - .250 (5mm - 6mm)	.400 (10mm)
Q45-4600	.315 - .375 (8mm - 9.5mm)	.525 (13mm)
Q45-4800	.376 - .500 (9.5mm - 13mm)	.600 (15mm)

300 SERIES STAINLESS STEEL RIVETS AND MANDRELS WITH BRIGHT PASSIVATED FINISH



ABRASIVE PADS AND DEBURRING TOOL



SAIT ABRASIVE HAND PADS

- FOR CLEANING, FINISHING, POLISHING AND BLENDING
- MAY BE USED WET OR DRY • SIZE: 6" x 9" (150mm x 225mm)

MODEL NO.	GRADE	COLOR	ABRASIVE
AK-7446-AP	Stainless Steel	Black	Aluminum Oxide
AK-7448-AP	Ultra Fine	Gray	Silicone Carbide
AK-7447-AP	General Purpose	Maroon	Silicone Carbide
AK-7440-AP	Heavy Duty	Brown	Aluminum Oxide
AK-7496-AP	Stipper	Green	Aluminum Oxide
AK-7486-AP	Light Duty	White	Talc

PACKAGED 20 PADS PER PACKAGE



DEBURRING TOOL

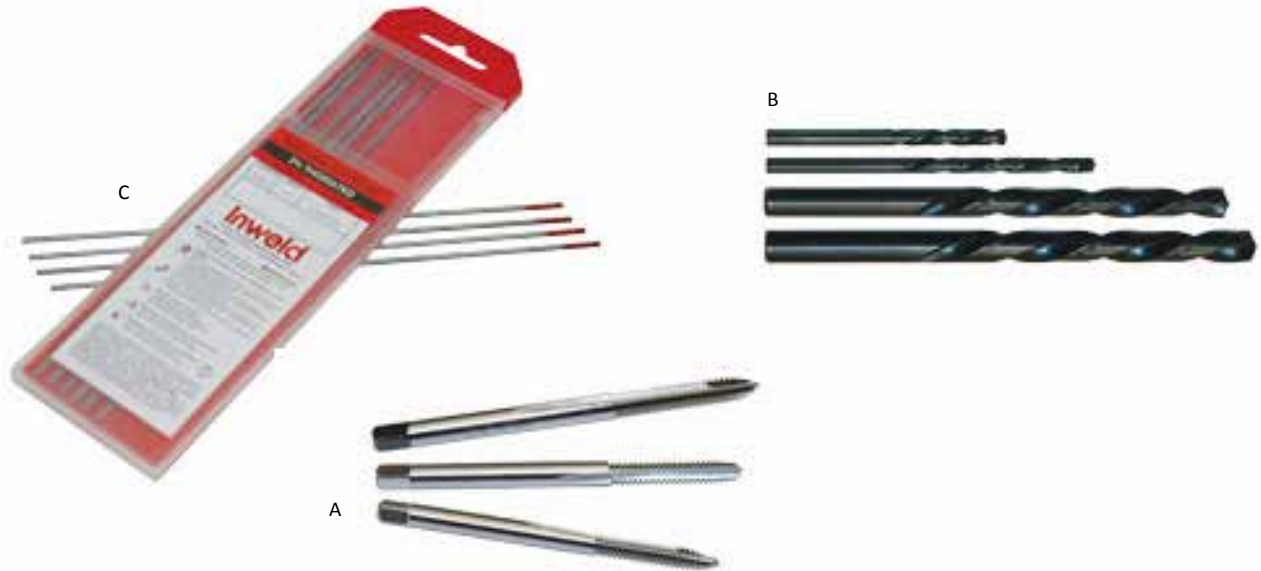
- A FAST, CONVENIENT, INEXPENSIVE DEBURRING TOOL
- IDEAL FOR STAINLESS STEEL, ELIMINATES COSTLY FILING
 - ADJUSTABLE FOR ALL GAUGES
- SAFELY AND QUICKLY DEBUR METAL EDGES FOR EASIER HANDLING
 - ROTATE BLADES TO PROLONG TOOL LIFE

ADJUSTABLE DEBURRING TOOL
MODEL NO. DBR-1000

REPLACEMENT ROLLERS (PAIR)
MODEL NO. DBR-1000-RR

REPLACEMENT ROLLER SCREW
MODEL NO. DBR-1000-RS





REF. A

TAPS

AVAILABLE IN THE FIVE MOST FREQUENTLY USED SIZES

- UNION BUTTERFIELD #1528UNC HIGH QUALITY STRAIGHT FLUTE HAND TAP - PLUG CHAMFER
- FOR THROUGH OR BLIND HOLE APPLICATIONS • HIGH SPEED STEEL FOR GOOD WEAR RESISTANCE ON BOTH FERROUS AND NON-FERROUS METALS • FLASH CHROME FINISH FOR BETTER CHIP FLOW ON SOFTER MATERIALS SUCH AS ALUMINUM
- UNC RIGHT-HAND THREAD TAP
- SPIRAL POINT • 4 FLUTE DESIGN • H3 THREAD LIMIT
- 2-3/8" L X 0.194 SHANK DIAMETER WITH 7/8" THREAD LENGTH
- UNION BUTTERFIELD #1534 UNC HIGH QUALITY STRAIGHT FLUTE GUN TAP - PLUG CHAMFER
- FOR THROUGH OR BLIND HOLE APPLICATIONS • HIGH SPEED STEEL FOR GOOD WEAR RESISTANCE ON BOTH FERROUS AND NON-FERROUS METALS
- FLASH CHROME FINISH FOR BETTER CHIP FLOW ON SOFTER MATERIALS SUCH AS ALUMINUM
- UNC RIGHT-HAND THREAD TAP
- SPIRAL POINT • 2 FLUTE DESIGN • H3 THREAD LIMIT • 2-3/8" L X 0.194 SHANK DIAMETER WITH 7/8" THREAD LENGTH

REF. B

DRILL BITS

HEAVY DUTY DRILLS HAVE A 135° SPLIT POINT AND A NORMAL HELIX FOR GOOD CHIP CLEARANCE. THE RUGGED CONSTRUCTION AFFORDS EFFICIENT DRILLING IN STAINLESS STEEL AND OTHER HARD MATERIALS, AND IN APPLICATIONS WHERE EXCESSIVE BREAKAGE OCCURS WITH GENERAL PURPOSE DRILL BITS. THESE HIGH QUALITY DRILL BITS ARE AVAILABLE IN JOBBER AND STUB LENGTHS.

- HIGH SPEED STEEL CONSTRUCTION FOR DURABILITY - RECOMMENDED FOR TOUGHER FERROUS METALS • NAS 907, TYPE C • AVAILABLE IN SCREW MACHINE/STUB LENGTH AND JOBBER/REGULAR LENGTH • 135-DEGREE SELF-CENTERING SPLIT POINT FOR EASIER PENETRATION • STEAM OXIDE FINISH FOR INCREASED WEAR RESISTANCE AND LUBRICITY • RIGHT HAND TURN

AVAILABLE IN ALL SIZES

DIAMETERS: 1/64" (.39mm) THRU 1/2" (12.7mm)

#1 (5.8mm) THRU #60 (1mm) AND A THROUGH Z LETTER GAUGE

ADD SUFFIX:

'R' FOR JOBBER (REGULAR) LENGTH 'S' FOR STUB SCREW MACHINE LENGTH

REF. C

TUNGSTEN ELECTRODES

2% THORIATED, GROUND

MODEL NO.
MK-1600-E

1/16" DIA. x 7" LG.
(2mm x 180mm)

MODEL NO.
MK-3320-E

3/32" DIA. x 7" LG.
(2mm x 180mm)

NOTE: EACH PACKAGE CONTAINS 10 ELECTRODES

STRAIGHT FLUTE HAND TAPS		MACHINE (GUN) TAPS (HI-SPEED)	
MODEL NO.	SIZE	MODEL NO.	SIZE
1902-6-32	6-32	1904-6-32	6-32
1902-8-32	8-32	1904-8-32	8-32
1902-10-24	10-24	—	—
1902-10-32	10-32	—	—
1902-1/4-20	1/4-20	1904-1/4-20	1/4-20

NOTE: Other sizes available on application



DRILL BIT DECIMAL EQUIVALENTS -

For Fractional, Wire Gauge, Letter & Metric (mm) Size Drills

DRILL SIZE	DECIMAL INCHES	DRILL SIZE	DECIMAL INCHES	DRILL SIZE	DECIMAL INCHES	DRILL SIZE	DECIMAL INCHES	DRILL SIZE	DECIMAL INCHES	DRILL SIZE	DECIMAL INCHES	DRILL SIZE	DECIMAL INCHES
0.25	.0098	1.50	.0591	#32	.1160	#6	.2040	8.10	.3189	29/64"	.4531	18.50	.7283
0.30	.0118	#53	.0595	2.95	.1161	5.20	.2047	8.20	.3228	11.60	.4567	47/64"	.7344
#80	.0135	1.55	.0610	3.00	.1181	#5	.2055	P	.3230	11.70	.4606	18.75	.7382
0.35	.0138	1/16"	.0625	#31	.1200	5.30	.2087	8.30	.3268	11.80	.4646	19.00	.7480
#79	.0145	1.60	.0629	3.10	.1220	#4	.2090	-	-	11.90	.4685	3/4"	.7500
1/64"	.0156	#52	.0635	1/8"	.1250	5.40	.2126	21/64"	.3281	15/32"	.4687	19.25	.7579
0.40	.0157	1.65	.0650	3.20	.1260	#3	.2130	8.40	.3307	12.00	.4724	49/64"	.7656
#78	.0160	1.70	.0669	#30	.1285	5.50	.2165	Q	.3320	12.10	.4764	19.50	.7677
0.45	.0177	#51	.0670	3.30	.1299	7/32"	.2187	8.50	.3346	12.20	.4803	19.75	.7776
#77	.0180	1.75	.0689	3.40	.1339	5.60	.2205	8.60	.3386	12.30	.4843	25/32"	.7812
0.50	.0197	#50	.0700	#29	.1360	#2	.2210	R	.3390	31/64"	.4843	20.00	.7874
#76	.0200	1.80	.0709	3.50	.1378	5.70	.2244	8.70	.3425	12.40	.4882	51/64"	.7969
#75	.0210	1.85	.0730	#28-9/64"	.1405	#1	.2280	11/32"	.3437	12.50	.4921	20.25	.7972
0.55	.0217	#49	.0730	3.60	.1417	5.80	.2283	8.80	.3465	12.60	.4961	20.50	.8071
#74	.0225	1.90	.0748	#27	.1440	5.90	.2323	S	.3480	12.70	.5000	13/16"	.8125
0.60	.0236	#48	.0760	3.70	.1457	A	.2340	8.90	.3504	1/2"	.5000	20.75	.8169
#73	.0240	1.95	.0768	#26	.1470	15/64"	.2344	9.00	.3543	12.80	.5039	21.00	.8268
#72	.0250	5/64"	.0781	#25	.1495	6.00	.2362	T	.3580	12.90	.5079	53/64"	.8281
0.65	.0256	#47	.0785	3.80	.1496	B	.2380	9.10	.3583	13.00	.5118	21.25	.8366
#71	.0260	-	-	#24	.1520	6.10	.2401	23/64"	.3594	33/64"	.5156	27/32"	.8437
0.70	.0276	2.00	.0787	3.90	.1535	C	.2420	9.20	.3622	13.20	.5197	21.50	.8465
#70	.0280	2.05	.0807	#23	.1540	6.20	.2441	9.30	.3661	17/32"	.5313	21.75	.8563
#69	.0292	#46	.0810	5/32"	.1562	D	.2460	U	.3680	13.50	.5315	55/64"	.8594
0.75	.0295	#45	.0820	#22	.1570	6.30	.2480	9.40	.3701	13.80	.5433	22.00	.8661
#68	.0310	2.10	.0827	4.00	.1575	E-1/4"	.2500	9.50	.3740	-	-	7/8"	.8750
1/32"	.0313	2.15	.0846	#21	.1590	6.40	.2520	3/8"	.3750	35/64"	.5469	22.25	.8760
0.80	.0315	#44	.0860	#20	.1610	6.50	.2559	V	.3770	14.00	.5512	22.50	.8858
#67	.0320	2.20	.0866	4.10	.1614	F	.2570	9.60	.3780	14.25	.5610	57/64"	.8906
#66	.0330	2.25	.0886	4.20	.1654	6.60	.2598	9.70	.3819	9/16"	.5625	22.75	.8957
0.85	.0335	#43	.0890	#19	.1660	G	.2610	9.80	.3858	14.50	.5709	23.00	.9055
#65	.0350	2.30	.0905	4.30	.1693	6.70	.2638	W	.3860	37/64"	.5781	29/32"	.9062
0.90	.0354	2.35	.0925	#18	.1695	17/64"	.2656	9.90	.3898	14.75	.5807	23.25	.9154
#64	.0360	#42	.0935	11/64"	.1719	H	.2660	25/64"	.3906	15.00	.5906	59/64"	.9219
#63	.0370	3/32"	.0937	#17	.1730	6.80	.2677	10.00	.3937	19/32"	.5937	23.50	.9252
0.95	.0374	2.40	.0945	4.40	.1732	6.90	.2716	X	.3970	15.25	.6004	23.75	.9350
#62	.0380	#41	.0960	#16	.1770	I	.2720	10.10	.3976	39/64"	.6094	15/16"	.9375
#61	.0390	2.45	.0965	4.50	.1771	7.00	.2756	10.20	.4016	15.50	.6102	24.00	.9449
1.00	.0394	#40	.0980	#15	.1800	J	.2770	Y	.4040	15.75	.6201	61/64"	.9531
#60	.0400	2.50	.0984	4.60	.1811	7.10	.2795	10.30	.4055	5/8"	.6250	24.25	.9547
#59	.0410	#39	.0995	-	-	K-9/32"	.2811	13/32"	.4062	16.00	.6299	24.50	.9646
1.05	.0413	2.55	.1004	#14	.1820	7.20	.2835	10.40	.4094	16.25	.6398	31/32"	.9688
#58	.0420	#38	.1015	4.70	.1850	7.30	.2874	Z	.4130	41/64"	.6406	24.75	.9744
#57	.0430	2.60	.1024	#13	.1850	L	.2900	10.50	.4134	16.50	.6496	25.00	.9843
1.10	.0433	#37	.1040	3/16"	.1875	7.40	.2913	10.60	.4173	21/32"	.6562	63/64"	.9844
1.15	.0453	2.65	.1043	4.80	.1890	M	.2950	10.70	.4213	16.75	.6594	1"	1.0000
#56	.0465	2.70	.1063	#12	.1890	7.50	.2953	27/64"	.4219	17.00	.6693		
3/64"	.0469	#36	.1065	#11	.1910	19/64"	.2968	10.80	.4252	43/64"	.6719		
1.20	.0472	2.75	.1083	4.90	.1929	7.60	.2992	10.90	.4291	17.25	.6791		
1.25	.0492	7/64"	.1093	#10	.1935	N	.3020	11.00	.4330	11/16"	.6875		
1.30	.0512	#35	.1100	#9	.1960	7.70	.3031	11.10	.4370	17.50	.6890		
#55	.0520	2.80	.1102	5.00	.1968	7.80	.3071	7/16"	.4375	17.75	.6988		
1.35	.0531	#34	.1110	#8	.1990	7.90	.3110	11.20	.4409	45/64"	.7031		
1.40	.0550	2.85	.1122	5.10	.2008	5/16"	.3125	11.30	.4449	18.00	.7087		
#54	.0550	#33	.1130	#7	.2010	8.00	.3150	11.40	.4488	18.25	.7185		
1.45	.0571	2.90	.1142	13/64"	.2031	O	.3160	11.50	.4528	23/32"	.7187		



TAP DRILL SIZES

DRILL SIZE BASED ON APPROXIMATELY 72% - 77% FULL THREAD

TAP SIZE	PITCH FORM	TAP DRILL SIZE	ALT. TAP DRILL	TAP SIZE	PITCH FORM	TAP DRILL SIZE	ALT. TAP DRILL
UNIFIED TAPS				UNIFIED TAPS (CONT.)			
0	80 (U)NF	3/64"	1.25	1"	8 (U)NC	7/8"	22.25
1	64 (U)NC	53	1.55	1"	12 (U)NF	59/64"	23.25
	72 (U)NF	53	1.55		14 (U)NS	15/16"	23.50
2	56 (U)NC	50	1.85	1-1/8"	7 (U)NC	63/64"	25.00
	64 (U)NF	50	1.90		12 (U)NF	1-3/64"	26.50
3	48 (U)NC	47	2.10	1-1/4"	7 (U)NC	1-7/64"	28.00
	56 (U)NF	45	2.15		12 (U)NF	1-11/64"	29.50
4	40 (U)NC	43	2.35	1-3/8"	6 (U)NC	1-7/32"	30.75
	48 (U)NF	42	2.40		12 (U)NF	1-19/64"	32.75
5	40 (U)NC	38	2.65	1-1/2"	6 (U)NC	1-11/32"	34.00
	44 (U)NF	37	2.70		12 (U)NF	1-27/64"	36.00
6	32 (U)NC	36	2.85	1-3/4"	5 (U)NC	1-9/16"	39.50
	40 (U)NF	33	2.95	2"	4-1/2 (U)NC	1-25/32"	45.00
8	32 (U)NC	29	3.50	TAPER PIPE TAPS NPT			
	36 (U)NF	29	3.50	1/16"	27 NPT	D	6.30
10	24 (U)NC	25	3.90	1/8"	27 NPT	R	8.70
	32 (U)NF	21	4.10	1/4"	18 NPT	7/16"	11.10
12	24 (U)NC	16	4.50	3/8"	18 NPT	37/64"	14.50
	28 (U)NF	14	4.70	1/2"	14 NPT	23/32"	18.00
1/4"	20 (U)NC	7	5.10	3/4"	14 NPT	59/64"	23.25
	28 (U)NF	3	5.50	1"	11-1/2 NPT	1-5/32"	29.00
5/16"	18 (U)NC	F	6.60	1-1/4"	11-1/2 NPT	1-1/2"	38.00
	24 (U)NF	I	6.90	1-1/2"	11-1/2 NPT	1-47/64"	44.00
3/8"	16 (U)NC	5/16"	8.00	2"	11-1/2 NPT	2-7/32"	56.00
	24 (U)NF	Q	8.50	2-1/2"	8 NPT	2-5/8"	67.00
7/16"	14 (U)NC	U	9.40	3"	8 NPT	3-1/4"	82.50
	20 (U)NF	25/64"	9.90	STRAIGHT PIPE TAPS NPS			
1/2"	13 (U)NC	27/64"	10.80	1/8"	27 NPS	S	8.80
	20 (U)NF	29/64"	11.50	1/4"	18 NPS	29/64"	11.50
9/16"	12 (U)NC	31/64"	12.20	3/8"	18 NPS	19/32"	15.00
	18 (U)NF	33/64"	12.90	1/2"	14 NPS	47/64"	18.50
5/8"	11 (U)NC	17/32"	13.50	3/4"	14 NPS	15/16"	23.75
	18 (U)NF	37/64"	14.50	1"	11-1/2 NPS	1-3/16"	30.25
3/4"	10 (U)NC	21/32"	16.50	1-1/4"	11-1/2 NPS	1-33/64"	38.50
	16 (U)NF	11/16"	17.50	1-1/2"	11-1/2 NPS	1-3/4"	44.50
7/8"	9 (U)NC	49/64"	19.50	2"	11-1/2 NPS	2-7/32"	56.00
	14 (U)NF	13/16"	20.40				



TACKY TAPE, BRAKE FILM, SOUND PADS & ROOM FOGGERS



REF. A

TACKY TAPE

- FOR SOUND DEADENING OF WORK TOPS • A HIGHLY ELASTIC GRAY BUTYL TAPE WITH EXCELLENT SURFACE TACK SPECIFICALLY DESIGNED FOR SEALING AND SOUND DAMPENING BETWEEN METAL PANEL JOINTS • SUPERIOR SURFACE TACK ALLOWS IT TO ADHERE TO METAL SUBSTRATES THAT ARE CONTAMINATED WITH LIGHT ROLL FORMING OIL WITHOUT PRE-WIPING THE SURFACE • SERVICE TEMPERATURE RANGE -40°F TO 200°F • WILL RESIST FUNGAL ATTACK AND NOT SUPPORT MILDEW GROWTH • FEDERAL SPECIFICATION TT-C-1796A, TYPE II, CLASS B • USDA ACCEPTABLE • UL APPROVED

MODEL NO. Q85-5225 ONE CASE
(24 ROLLS/CASE)

ROLL SIZE: 3/4" WIDE X 3/32" THICK X 45 FT.
(19mm x 2mm x 14m)

REF. B

TUFF BRAKE FILM

- DIE MARKS AND SANDING ARE ELIMINATED • DIES ARE PROTECTED • PRODUCTION COSTS DECREASE • SPECIFICALLY DESIGNED TO ELIMINATE PRESS BRAKE WITNESS MARKS CAUSED BY THE LOWER DIE WHEN USED FOR BENDING STAINLESS STEEL, ALUMINUM, SHEET METAL AND PRE PAINTED METALS • REDUCES NEED FOR COSTLY GRINDING AND POLISHING • DURABLE - THE SAME PIECE OF TUFF BRAKE FILM CAN BE USED NUMEROUS TIMES BEFORE YOU NEED TO READJUST THE FILM TO FORM AGAINST FRESH MATERIAL (LONGEVITY WILL VARY DEPENDING ON TYPES OF MATERIAL AND ANGLES PRODUCED)

USED BETWEEN PRESS BRAKE DIE AND FORMED PIECE TO ELIMINATE BRAKE MARKS AND POLISHING. PROTECTS EXPENSIVE DIES AND DECREASES PRODUCTION COSTS. CUT OFF A PIECE OF FILM THE SAME LENGTH AS YOUR BOTTOM DIE. FASTEN EDGE OF THE FILM TO THE DIE USING STRIP MAGNETS, MASKING, DUCT OR DOUBLE FACED TAPE FOR WHICHEVER SURFACE YOU WANT TO PROTECT. LET THE FILM "FLOP" OVER THE DIE, BEGIN FORMING.

MODEL NO. Q80-4000
ROLL SIZE: 4" WIDE X 100' LONG X .015"
(102mm x 30.5m x .4mm)

MODEL NO. Q80-6000
ROLL SIZE: 6" WIDE X 100' LONG X .015"
(152mm x 30.5m x .4mm)

OTHER WIDTHS AVAILABLE UPON APPLICATION

REF. C

SOUND PADS

- EASY TO APPLY PEEL AND STICK SELF-ADHESIVE GRAY MASTIC MATERIAL • IMMEDIATE ADHESION TO CLEAN SURFACES, SUCH AS STEEL, ALUMINUM, STAINLESS STEEL, GLASS OR FIBER BOARD
- CONTROLS NOISE, DAMPS VIBRATION IN SHEET METAL - IDEAL FOR USE ON SINK BOTTOMS • FLEXIBLE ALUMINUM BACKING FOLLOWS ANY CONTOUR AND MATCHES STAINLESS STEEL FINISH
- SERVICE TEMPERATURE RANGE FROM -20°F TO 250°F

MODEL NO. Q76-1250

SOLD BY 10 PIECE PACK ONLY

PAD SIZE: 3-1/2" X 10" X 1/16" (90mm x 250mm x 2mm)
WGT. 2.8 Oz. (79g)



ROOM FOGGERS

SANIGUARD TOTAL RELEASE FOGGER ENABLES YOU TO SANITIZE ENTIRE ROOMS IN JUST 15 MINUTES WITH THE SAME POWER OF THE CONVENTIONAL SANIGUARD SPRAYS. EACH 8 oz. FOGGER TREATS UP TO 625 sq. ft. IN ONE APPLICATION. THE 3 oz. SANIGUARD FOGGER IS PERFECT FOR DORM ROOMS, HOTELS, CRUISE SHIP CABINS, AIRPLANES AND MORE.

- SANIGUARD SURFACE SPRAY DRIES ON CONTACT - NO WAITING, NO WIPING, NO MESS

- SAFE FOR FOOD CONTACT SURFACES
(NO POTABLE RINSE REQUIRED)

AND OTHER NON-POROUS SURFACES INCLUDING ELECTRONICS

- USE IN BATHROOMS, OFFICES, SCHOOLS, DORM ROOMS, HOSPITAL ROOMS AND HOTELS. IDEAL FOR TREATING HARD TO CLEAN HOT SPOTS SUCH AS PHONES, FAXES, SHARED OFFICE EQUIPMENT, LIGHT SWITCHES, FAUCETS, TOILET SEATS, DOOR KNOBS, DRINKING FOUNTAINS, KEYBOARDS AND COMPUTER MOUSE, BREAK ROOM TABLES, ETC.

- 100% SAFE FOR HUMANS AND ANIMALS - NO SKIN, ORAL OR INHALATION TOXICITY

3 oz PORTABLE AND CONVENIENT

REF. A MODEL NO. SG55-1000

8 oz FOR HOME AND BUSINESS USE

REF. B MODEL NO. SG55-2000



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