COMPONENT
HARDWARE®

COMPONENT HARDWARE CATALOG

Your Global Partner for Innovative Solutions

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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 9,000 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 Lakewood, NJ, USA with warehouses and sales offices located throughout the United States, Canada, Asia and Europe
- 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.componenthardware.com

Lakewood, New Jersey

Fullerton, California

Dallas, Texas

Markham, Ontario

Breda, Netherlands

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.

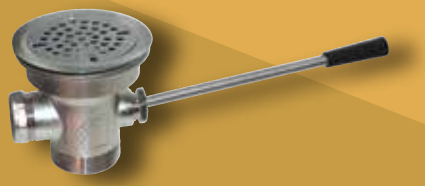
GLOBAL MANUFACTURING CAPABILITIES

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.

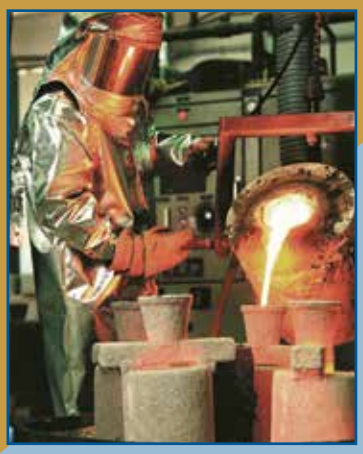


Sand Casting

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 and 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.

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

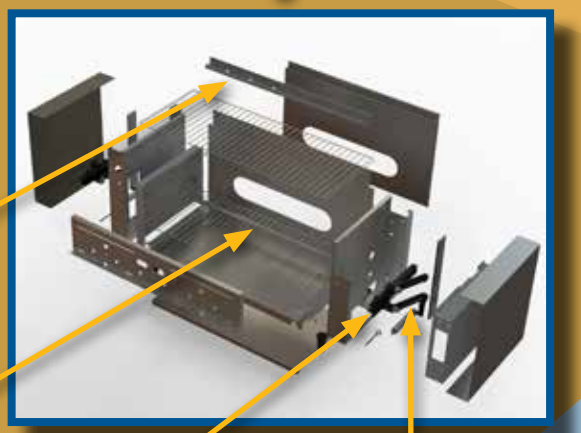
This is a collective name for surface-covering techniques that involve depositing a metal into a conductive surface. Plating prevents corrosion of electronic devices, faucets, and hinges. It influences product attributes such as wear-ability, paint adhesion, shielding, and conductivity. We specialize 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 plumping component manufacturing is tougher and harder than that of paint.

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.

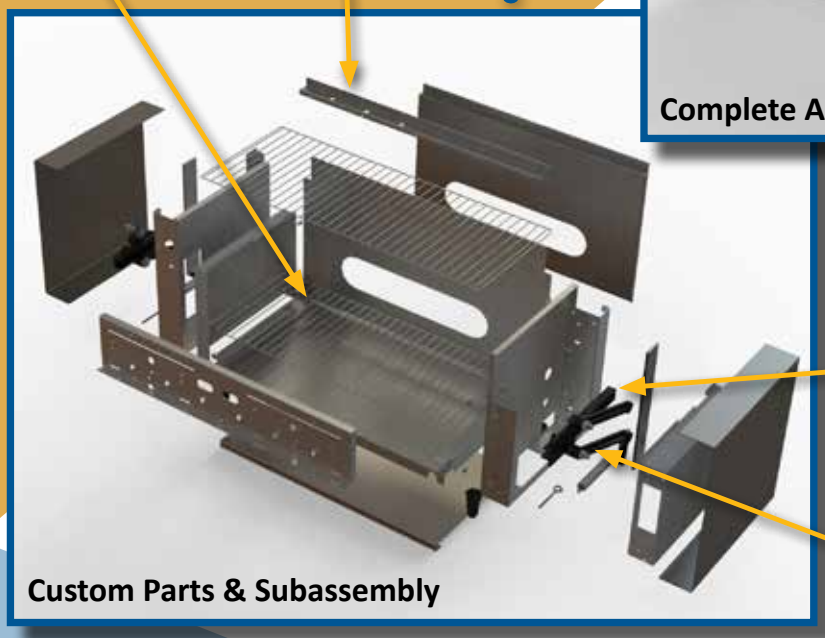
We Can Help You...

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

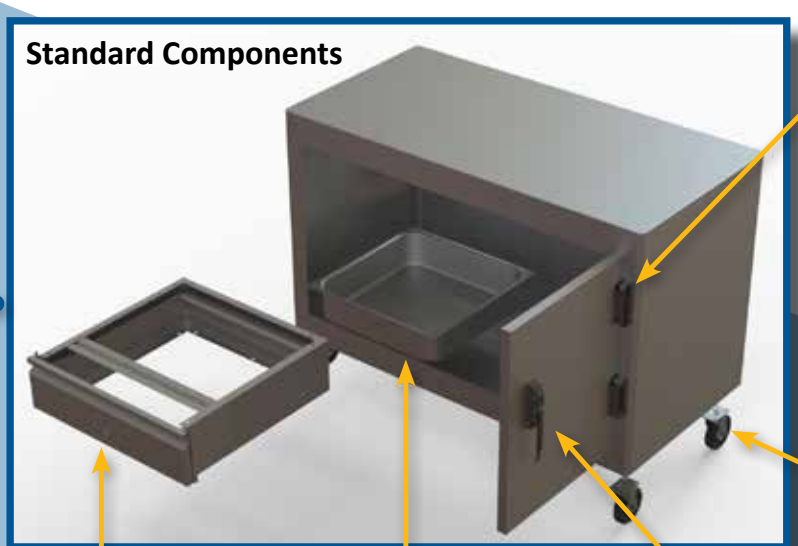


Let Component Hardware build your components and subassemblies to reduce cost and improve profitability.

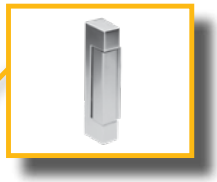
Complete Assembly

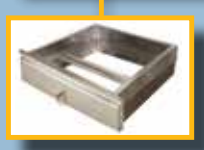


Custom Parts & Subassembly



Standard Components





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

Conveyer Belts

Handle Supports

Oven Thermostats

Oven/BBQ Grates & Grills

Spark Igniters

Heating Elements

Round Recessed Dimmable LED Down 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

15 Watt

LED-L80-15DN - Natural White

LED-L80-15DW - Warm White

c UL US LISTED

UL File# E339654

NSF COMPONENT

20 Watt

LED-L80-20DN - Natural White

LED-L80-20DW - Warm White

c UL US LISTED

UL File# E339654

For more information go to page D107

RECESS MOUNT DIMMABLE AND NON-DIMMABLE LED PERIMETER ACCENT LIGHTS

• 4 Watt LED light • 290 lumens • 3000 Kelvins

• -4ºF to 104ºF (-20ºC to 40ºC) operating temperature

• 50,000 hour rated LED lamp life

• 120 degree beam angle floods the workspace with light

• Supplied with two spring loaded mounting clips for easy installation - keeps bezel flush with hood surface

• Satin chrome finish bezel matches hood • Supplied with polycarbonate lens

• HACCP Compliant – LED lighting runs cooler than old incandescent and fluorescent fixtures, helping you to better control food temperatures in your refrigerators/coolers/freezers. In addition, LED lights do not contain harmful mercury, like fluorescent fixtures, eliminating a potential chemical hazard in your workplace.

Dimmable *Non-Dimmable*

LED-PL35-DIM-W - Dimmable
LED-PL35-W - Non-Dimmable

For more information go to page D111

Lift-Off/Self-Closing Electronic Edgemount Hinge with Plunger Switch

- Can power one electrical appliance per hinge using the UL Recognized integrated plunger switch
- Hinge design permits easy door removal without tools
- Same mounting hole configuration as our popular R50-Series hinge allows for easy retrofit applications
- Improved bracket and cam design extends the life cycle of the hinge and minimizes door wobble – tested above 250,000 cycles where one cycle is door opened and then closed
- Same mounting hole configuration as our popular R50-Series hinge allows for easy retrofit applications
- Improved cover design reduces the chance of the cover coming off in the field
- Die Cast Zamak® construction with polished chrome finish
- For 1-5/8" door offset
- Non-Handed – cam is field reversible for left or right hand door applications
- Adjustable to compensate for gasket wear
- Hold Open Feature – dwell in cam allows door to remain open at 120-degrees for easy loading/unloading of product
- Overclose Feature – provides constant door pressure to insure a full gasket seal

For 1-5/8" Door Offset

R51-2000

Contact Switch
For 1-5/8" Door Offset

R51-2000-CS

PATENT 9,970,224

Plunger Switch
For 1-5/8" Door Offset

R51-2000-RS

For more information go to page B51

Stainless Steel Leg Socket with Triangular Mounting Plate

- Permits KD shipping to reduce freight costs
- Type 304 stainless steel construction for strength, corrosion resistance and easy welding
- Sturdy 14-gauge mounting plate with 1/2” turn down
- Full 360-degree weld on leg socket for added strength
- 2” OD, 16-gauge leg socket for 1-5/8” OD round tubing applications
- Satin stainless steel finish
- Supplied with one 5/16-24 x 5/16” long set screw to secure leg during installation

For 1-5/8” OD Round Tubing Applications

A18-0306-C

For more information go to page E117

LED Security Lock

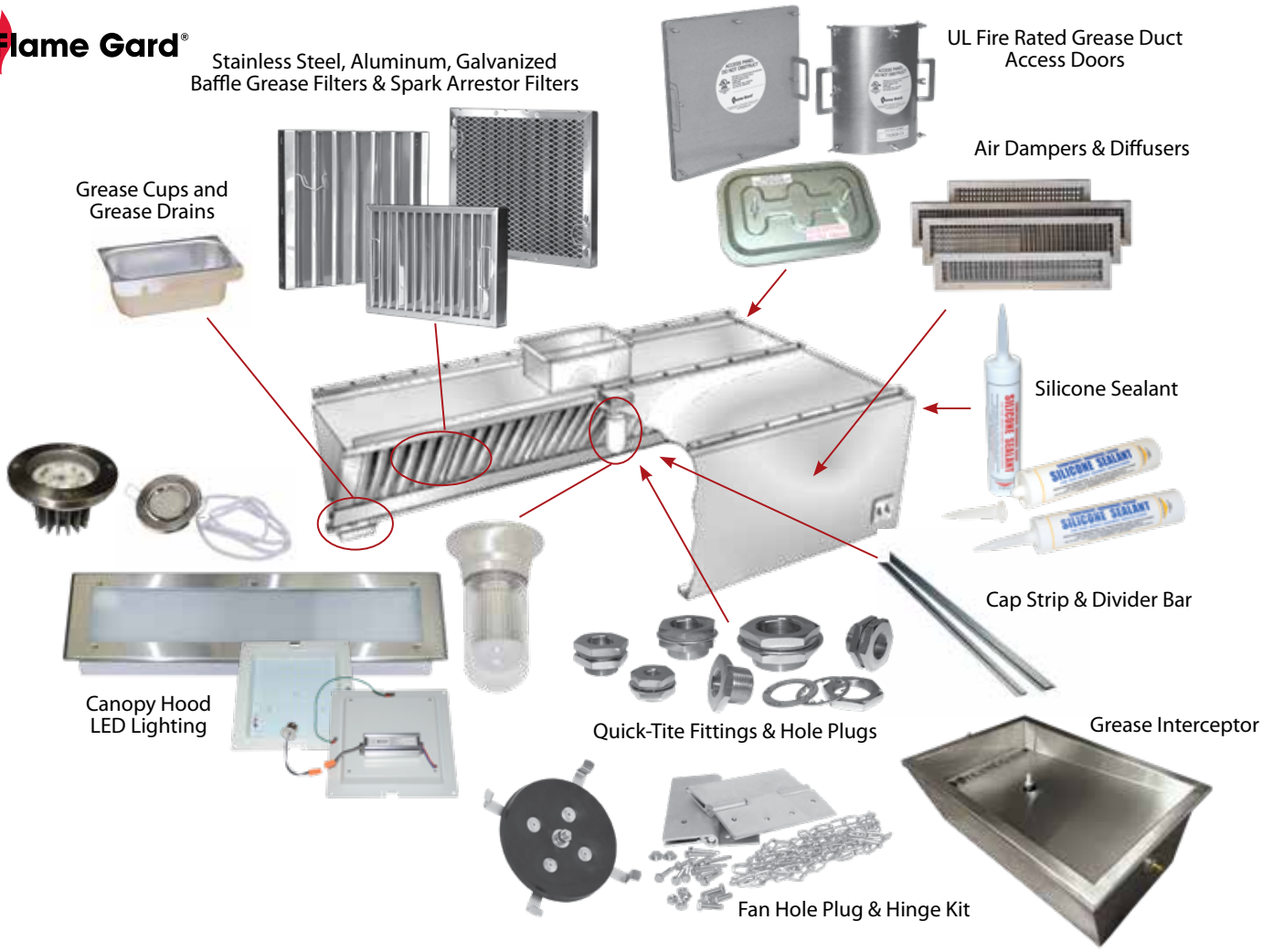
- High polish chrome finish
- Easy installation
- Vertical and horizontal adjustments
- Four-disc cylinder provides extra security
- Black plastic caps included
- Compatible with glass and most other doors

P99-100SL-01

For more information go to page B57

COOKING HOOD

Flame Gard®



BAFFLE GREASE FILTERS	A15
HOOD SIZING GUIDE	A16-A17
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ORDER FORM-CUSTOM FLAT ACCESS DOORS	A34
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For Lighting Components, please see Lighting & Electrical on pages D97- D115

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.

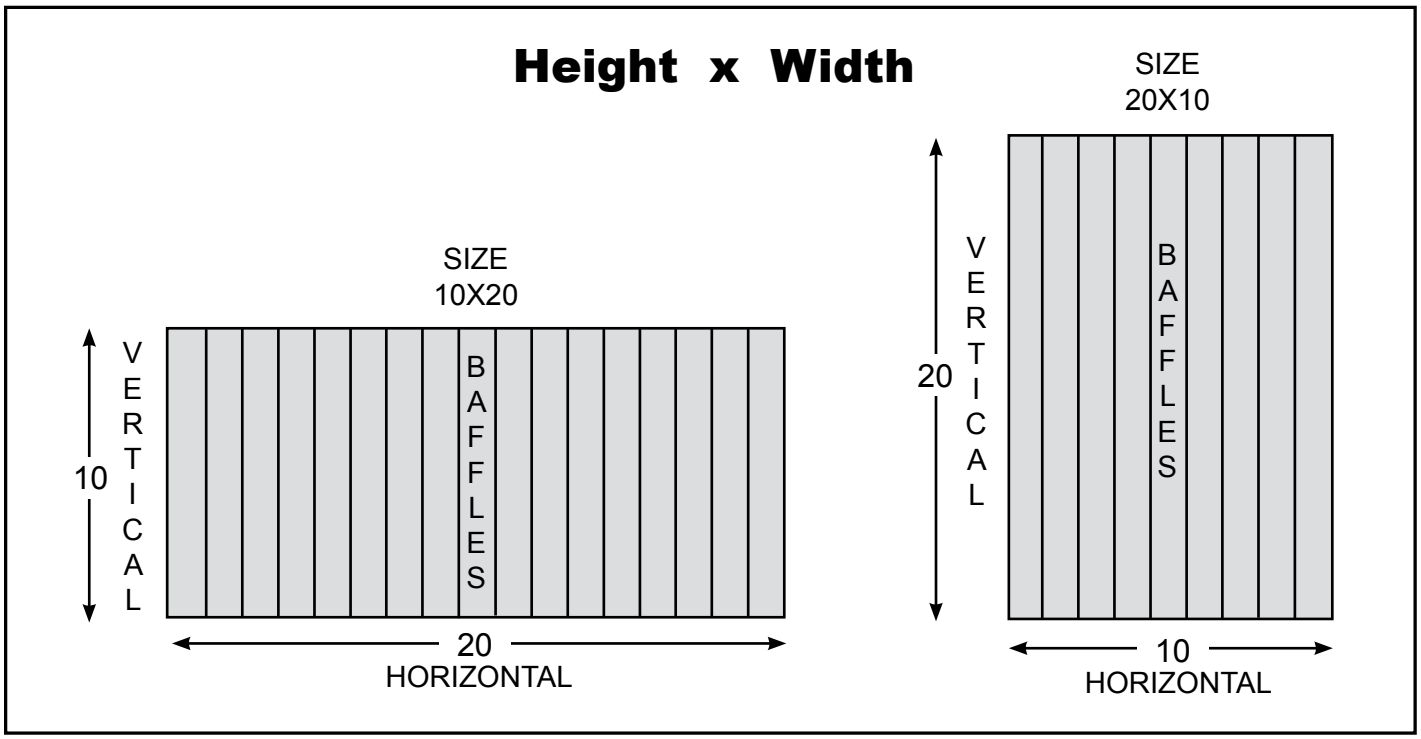
ALL COMPONENT HARDWARE GREASE FILTERS ARE UL AND NSF LISTED AND MEET NFPA 96 STANDARDS.

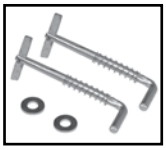
Working in concert with the surface fire suppression system, grease filters provide a strong defense against catastrophic duct system fires. Filters are designed to remove most of the grease from the airstream before it enters the ductwork. The grease runs off the baffles into a collection device where 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

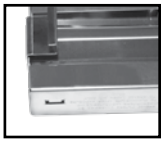
Filters MUST be installed with baffles running in the vertical (top to bottom) position so the grease will run down the baffles to the grease trough in the hood.

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.



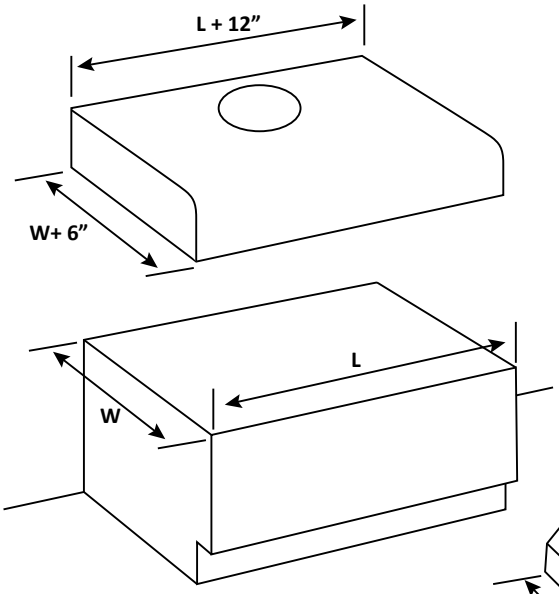
FILTERS AVAILABLE WITH HOOK FOR USE IN CAPTIVE-AIRE STYLE HOODS.

A

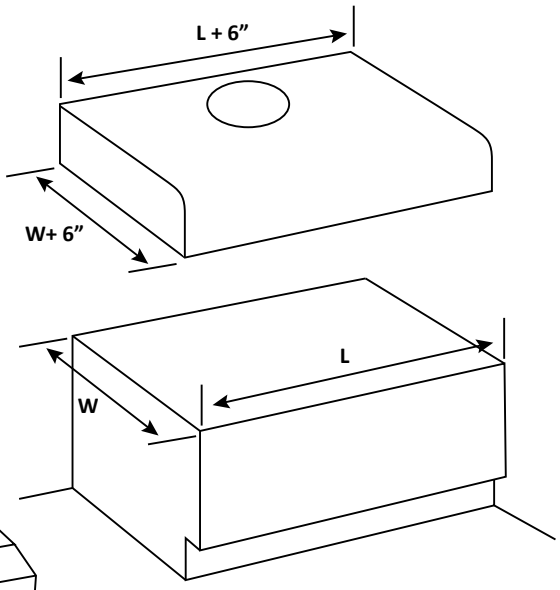
In order to choose the correct filter for a particular kitchen requirement, the following steps are suggested for good hood design. These steps assume a hood seven feet or less above the floor using our Type II baffle grease filters.

STEP ONE - DETERMINE HOOD SIZE

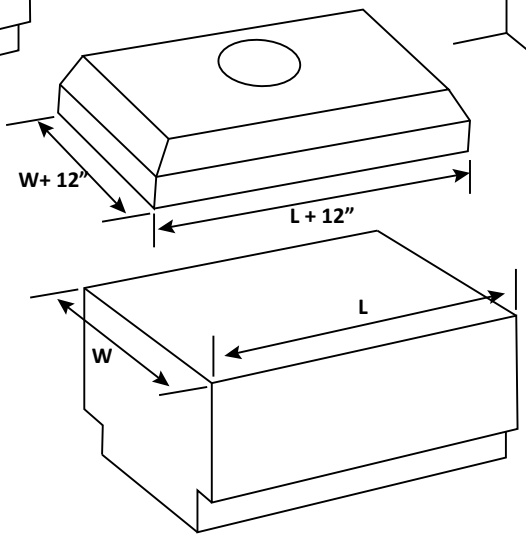
For economy, the hood should be as small as possible. Therefore, there should be no work surfaces or blank spots between cooking surfaces. The hood should extend 6” beyond the cooking surface on all open sides. For example, an island canopy, open on four sides over a 42” x 72” grill, would have to be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



WALL



CORNER



ISLAND

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:

Total Exhaust Volume = 150 x Entrance Area of Hood

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

Total Exhaust Volume = 100 x 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 2one 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:

T.E.V. = 100 x 48/12 x 84/12 = 100 x 4 x 7 = 2800 C.F.M.

Dividing this by 4 (for 4 filters) would yield 700 C.F.M. per filter.

$$\frac{2800}{\text{4 filters - 700 C.F.M. per filter}}$$

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:

700 C.F.M. ÷ 2.88 sq. ft. for 25 x 20 = 243 F.P.M.
700 C.F.M. ÷ 2.25 sq. ft. for 20 x 20 = 311 F.P.M.
700 C.F.M. ÷ 1.75 sq. ft. for 16 x 20 = 400 F.P.M.

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.

NSF COMPONENT

c UL us LISTED
File No. R10173
NFPA #96

SELECTION CHART

ENGINEERING DATA CFM - STATIC PRESSURE
STATIC PRESSURE - INCHES OF H20 CFM PER FILTER - (75 AIR)

Flame Gard®

CFM PER FILTER - (75 AIR)

Size	10 x 16	10 x 20	12 x 20	16 x 20	16 x 25	20 x 20	20 x 25
350	.350	.185	.160	.075	.045	.030	.030
400	.495	.240	.205	.095	.055	.055	.040
450	.695	.310	.260	.120	.065	.065	.045
500		.390	.325	.145	.080	.080	.055
550		.485	.395	.175	.100	.100	.065
600		.595	.475	.215	.120	.120	.080
650		.720	.570	.255	.150	.150	.090
700			.670	.300	.180	.180	.105
750				.305	.210	.210	.120
800				.400	.250	.230	.140
850				.460	.290	.290	.165
900				.530	.330	.330	.185
950				.600	.380	.380	.210
1000				.670	.430	.430	.240
1050					.480	.480	.275
1100					.540	.540	.320
1150					.610	.610	.365

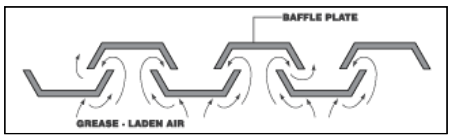
TYPE I - FIXED BAFFLES SPARK ARRESTOR

MODEL NO.	NOMINAL SIZE - H X W	ACTUAL SIZE - H X W X D	WT. PER FILTER
151016	10 “x 16" (254mm x 406mm)	9-1/2 x 15-1/2 x 1-3/4	7.4 lbs (3.36 kg)
151020	10" x 20" (254mm x 508mm)	9-1/2 x 19-1/2 x 1-3/4	9.1 lbs (4.13 kg)
151216	12" x 16" (305mm x 406mm)	11-1/2 x 15-1/2 x 1-3/4	8.4 lbs (3.81 kg)
151218	12" x 18" (305mm x 457mm)	11-1/2 x 17-1/2 x 1-3/4	9.3 lbs (4.22 kg)
151220	12" x 20" (305mm x 508mm)	11-1/2 x 19-1/2 x 1-3/4	10.1 lbs (4.58 kg)
151224	12" x 24" (305mm x 610mm)	11-1/2 x 23-1/2 x 1-3/4	12.75 lbs (5.78 kg)
151616	16’ x 16" (406mm x 406mm)	15-1/2 x 15-1/2 x 1-3/4	10 lbs (4.54 kg)
151620	16" x 20" (406mm x 508mm)	15-1/2 x 19-1/2 x 1-3/4	12.65 lbs (5.74 kg)
151625	16" x 25" (406mm x 635mm)	15-1/2 x 24-1/2 x 1-3/4	16 lbs (7.26 kg)
152010	20" x 10" (508mm x 254mm)	19-1/2 x 9-1/2 x 1-3/4	9.4 lbs (4.26 kg)
152016	20" x 16" (508mm x 406mm)	19-1/2 x 15-1/2 x 1-3/4	12.65 lbs (5.74 kg)
152020	20" x 20" (508mm x 508mm)	19-1/2 x 19-1/2 x 1-3/4	15 lbs (6.8 kg)
152025	20" x 25" (508mm x 635mm)	19-1/2 x 24-1/2 x 1-3/4	17.9 lbs (8.12 kg)
152516	25" x 16" (635mm x 406mm)	24-1/2 x 15-1/2 x 1-3/4	14.55 lbs (6.6 kg)
152520	25" x 20" (635mm x 508mm)	24-1/2 x 19-1/2 x 1-3/4	18.2 lbs (8.26 kg)

TYPE I - STANDARD FIXED BAFFLES - McDONALDS

MODEL NO.	NOMINAL SIZE - H X W	ACTUAL SIZE - H X W X D	WT. PER FILTER
MCD 116	10 x 16 (254mm x 406mm)	9-1/2 x 15-1/2 x 1-3/4	7.4 lbs (3.36 kg)
MCD 116-1.5	10 x 16 (254mm x 406mm)	9-1/2 x 15-1/2 x 1-1/2	7.2 lbs (3.27 kg)
MCD 120	10 x 20 (254mm x 508mm)	9-1/2 x 19-1/2 x 1-3/4	9.1 lbs (4.13 kg)
MCD 120-1.5	10 x 20 (254mm x 508mm)	9-1/2 x 19-1/2 x 1-1/2	8.9 lbs (4.04 kg)
MCD 123	12 x 24 (305mm x 607mm)	11-1/2 x 23-1/2 x 1-3/4	13 lbs (5.9 kg)
MCD 126	12 x 16 (305mm x 406mm)	11-1/2 x 15-1/2 x 1-3/4	8.4 lbs (3.81 kg)
MCD 128	12 x 18 (305mm x 457mm)	11-1/2 x 17-1/2 x 1-3/4	9.3 lbs (4.22 kg)
MCD 133	13-1/2 x 23-13/16 (343mm x 605mm)	13 x 23-1/2 x 1-3/4	13 lbs (5.9 kg)
MCD 136	13-1/2 x 16 (343mm x 406mm)	13 x 15-1/2 x 1-3/4	10 lbs (4.54 kg)
MCD 139	13-1/2 x 19-1/2 (343mm x 495mm)	13 x 19 x 1-3/4	12 lbs (5.44 kg)

*Measured 6” (152mm) behind Flame Gard Static pressure per filter, as included in this chart, represents the total static pressure for the system regardless of the number of filters used in the hood.



Type I’s “U” shaped baffles with PTFE coating cause the grease to drain off the filter quickly. They resist flame penetration without disturbing the movement of the air. Type I filters have more baffles per square inch of filter, which means more grease impingement area and a high rate of grease extraction. The non-stick PTFE coating facilitates cleaning. Type I filters are easily cleaned in a pot sink or commercial dishwasher.

Component Hardware Type I grease filters are the only filter with the exclusive Spark Arrestor screen to prevent airborne sparks and embers generated by solid fuel cooking from entering into the hood and duct system. Type I filters with Spark Arrestor meet criteria set by NFPA #96 for cooking with solid fuel.

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.

Flame Gard®

NSF COMPONENT

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NFPA #96

TYPE II - Heavy-Duty Stainless Steel Grease Filters

OPERATION

Grease laden air is drawn into the filter by the exhaust fans. As the air starts through the aerodynamic "V" baffle system, it undergoes a series of compressions, expansions and pressure changes. The heavy grease is deposited safely and quickly on the baffles while the grease-free air passes through the filter and up the exhaust duct. The baffle's smooth surface enables the collected grease to run off into collection troughs without dripping on food, utensils or burner surfaces. The Component Hardware Grease filter method of separating grease and air has achieved superior levels for efficiency and safety not attained by competitor's filters.

CONSTRUCTION

Component Hardware stainless steel grease filters are constructed of heavy duty stainless steel, providing the most durable filter available in today's market, and will provide years of trouble-free operation. There are no coatings to wear out and no involved mechanisms which can jam. All stainless steel grease filters are guaranteed against defects in workmanship or materials.

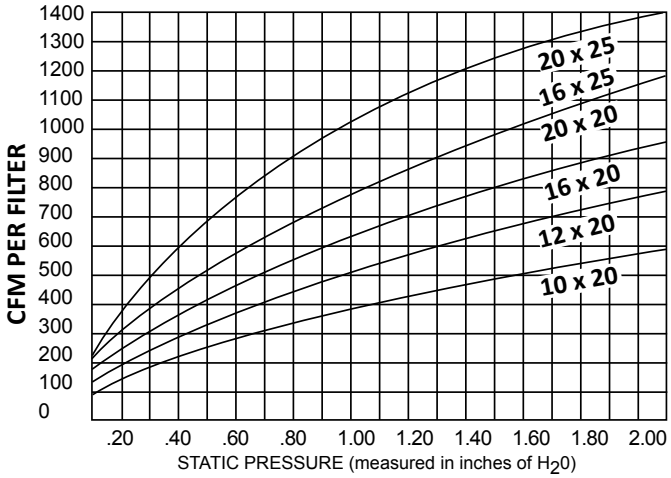
MAINTENANCE

The all-stainless steel construction allows the filter to be soaked, sprayed or placed in a dishwasher for simplified cleaning, without concern for rusting or wearing out of surface coatings.

STATIC PRESSURE

CFM per Filter	10"x20"	12"x20"	16"x20"	16x25" 20"x20"	25"x20"
150	.12	02			
175	.18	.06			
200	.25	.11	03		
225	.31	.16	.07		
250	.38	.21	.11	.03	
275	.46	.26	.15	.06	.03
300	.55	.31	.18	.09	.04
325	.63	.37	.23	.12	.06
350	.72	.43	.27	.15	.08
375	.84	.50	.32	.18	.10
400	.95	.56	.37	.22	.12
425	1.06	.62	.42	.25	.14
450	1.17	.70	.47	.28	.16
475	1.32	.77	.52	.32	.18
500	1.45	.85	.57	.36	.21
525	1.60	.92	.62	.40	.23
550	1.75	1.01	.66	.44	.25
575	1.90	1.10	.75	.48	.27
600		1.18	.81	.52	.30
625		1.27	.87	.57	.32
650		1.37	.93	.62	.35
675		1.47	1.01	.67	.37
700		1.58	1.07	.72	.41
725		1.70	1.14	.77	.43
750		1.81	1.22	.82	.46
775		1.95	1.30	.88	.49
800			1.37	.93	.53
825			1.46	1.00	.56
850			1.55	1.06	.60
875			1.65	1.12	.63
900			1.75	1.17	.67
925			1.87	1.23	.71

AIR FLOW CHARACTERISTICS



EFFECTIVE AREA CHART

NOMINAL (in) L x W x T	EFFECTIVE AREA Square Feet
10 x 20 x 2	1.00
12 x 20 x 2	1.25
16 x 20 x 2	1.75
16 x 25 x 2	2.24
20 x 20 x 2	2.25
20 x 25 x 2	2.88

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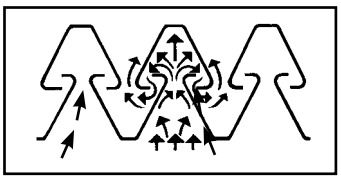
NFPA #96

TYPE II - STANDARD FIXED HEAVY DUTY STAINLESS STEEL BAFFLE

MODEL NO.	NOMINAL SIZE - H X W	ACTUAL SIZE - H X W X D	WT. PER FILTER
201016	10 x 16 (254mm x 406mm)	9-1/2 x 15-1/2 x 1-7/8	5.5 lbs (2.49 kg)
201020	10 x 20 (254mm x 508mm)	9-1/2 x 19-1/2 x 1-7/8	6 lbs (2.72 kg)
201216	12 x 16 (305mm x 406mm)	11-1/2 x 15-1/2 x 1-7/8	6.5 lbs (2.95 kg)
201220	12 x 20 (305mm x 508mm)	11-1/2 x 19-1/2 x 1-7/8	7 lbs (3.18 kg)
201616	16 x 16 (406mm x 406mm)	15-1/2 x 15-1/2 x 1-7/8	8 lbs (3.63 kg)
201620	16 x 20 (406mm x 508mm)	15-1/2 x 19-1/2 x 1-7/8	8.5 lbs (3.86 kg)
201625	16 x 25 (406mm x 635mm)	15-1/2 x 24-1/2 x 1-7/8	10.5 lbs (4.76 kg)
202016	20 x 16 (508mm x 406mm)	19-1/2 x 15-1/2 x 1-7/8	6.5 lbs (2.95 kg)
202020	20 x 20 (508mm x 508mm)	19-1/2 x 19-1/2 x 1-7/8	10.25 lbs (4.65 kg)
202025	20 x 25 (508mm x 635mm)	19-1/2 x 24-1/2 x 1-7/8	12 lbs (5.44 kg)
202516	25 x 16 (635mm x 406mm)	24-1/2 x 15-1/2 x 1-7/8	11.5 lbs (5.22 kg)
202520	25 x 20 (635mm x 508mm)	24-1/2 x 19-1/2 x 1-7/8	12 lbs (5.44 kg)

STATIC PRESSURE					
CFM per Filter	10"x20"	12"x20"	16"x20"	16x25" 20"x20"	25"x20"
150	.12	02			
175	.18	.06			
200	.25	.11	03		
225	.31	.16	.07		
250	.38	.21	.11	.03	
275	.46	.26	.15	.06	.03
300	.55	.31	.18	.09	.04
325	.63	.37	.23	.12	.06
350	.72	.43	.27	.15	.08
375	.84	.50	.32	.18	.10
400	.95	.56	.37	.22	.12
425	1.06	.62	.42	.25	.14
450	1.17	.70	.47	.28	.16
475	1.32	.77	.52	.32	.18
500	1.45	.85	.57	.36	.21
525	1.60	.92	.62	.40	.23
550	1.75	1.01	.66	.44	.25
575	1.90	1.10	.75	.48	.27
600		1.18	.81	.52	.30
625		1.27	.87	.57	.32
650		1.37	.93	.62	.35
675		1.47	1.01	.67	.37
700		1.58	1.07	.72	.41
725		1.70	1.14	.77	.43
750		1.81	1.22	.82	.46
775		1.95	1.30	.88	.49
800			1.37	.93	.53
825			1.46	1.00	.56
850			1.55	1.06	.60
875			1.65	1.12	.63
900			1.75	1.17	.67
925			1.87	1.23	.71



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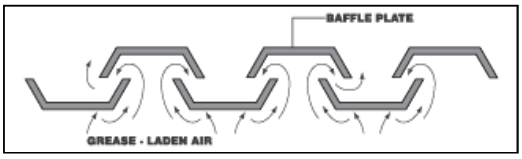
File No. R10173
NFPA #96



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
301016	10 x 16 (254mm x 406mm)	9-1/2 x 15-1/2 x 1-5/8	4.33 lbs (1.96 kg)
301020	10 x 20 (254mm x 508mm)	9-1/2 x 19-1/2 x 1-5/8	4.06 lbs (1.84 kg)
301216	12 x 16 (305mm x 406mm)	11-1/2 x 15-1/2 x 1-5/8	4 lbs (1.81 kg)
301220	12 x 20 (305mm x 508mm)	11-1/2 x 19-1/2 x 1-5/8	4.92 lbs (2.23 kg)
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)
301818	18 x 18 (457mm x 457mm)	17-1/2 x 17-1/2 x 1-5/8	6.5 lbs (2.95 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)
302516	25 x 16 (635mm x 406mm)	24-1/2 x 15-1/2 x 1-5/8	8 lbs (3.63 kg)
302520	25 x 20 (635mm x 508mm)	24-1/2 x 19-1/2 x 1-5/8	9.75 lbs (4.42 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.

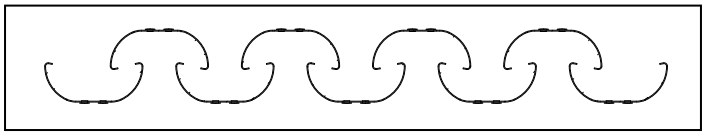
CFM - Static Pressure
Static Pressure - Inches of H20

	10 x 16	10 x 2 0	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	.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

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

A Flame Gard®

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



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File No. R10173
NFPA #96

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)

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NFPA #96

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).

TYPE VI - GALVANIZED BAFFLE GREASE FILTERS

NSF COMPONENT

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File No. R10173
NFPA #96

MODEL NO.	NOMINAL SIZE - H X W	ACTUAL SIZE - H X W X D	WT. PER FILTER
FG51-1016	10" x 16" (254mm x 406mm)	9-5/8" x 15-3/4" x 1-3/4"	2.6 lbs (1.2 kg)
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)
FG51-1216	12" x 16" (305mm x 406mm)	11-5/8" x 15-3/4" x 1-3/4"	3.0 lbs (1.4 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)

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).

FILTER HOOK KIT

FOR TYPE VI FILTERS

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

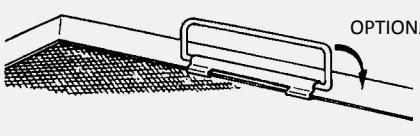
MODEL NO.	QTY
FR51-X015	1 Pair

MESH TYPE AIR FILTERS

STANDARD COMMERCIAL SIZES AVAILABLE IN ALUMINUM and GALVANIZED STEEL FRAMED MODELS

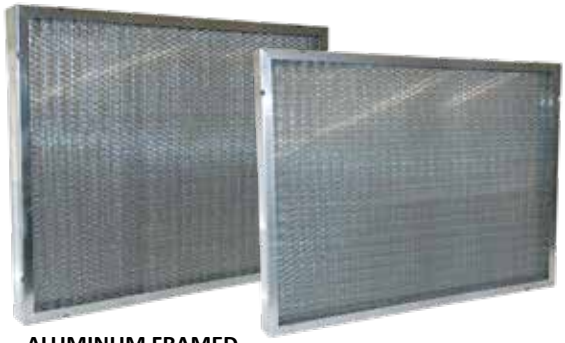
- RIGID HEAVY DUTY CONSTRUCTION • BEST PRICING
- CORROSION RESISTANT • ALL STEEL WIRE MESH DESIGN FOR MAXIMUM CAPTURE OF DUST PARTICLES

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)



OPTIONAL SNAP-ON HANDLES AVAILABLE
(furnished in pairs)
MODEL NO. F41-0001

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.



ALUMINUM FRAMED
F40 SERIES

GALVANIZED STEEL FRAMED
F41 SERIES

AIR DELIVERY DATA CHART

NET FACE VELOCITY	RESISTANCE IN INCHES OF W.G. NOMINAL THICKNESS		CFM CAPACITY BY SIZE			
FPM	*I" 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

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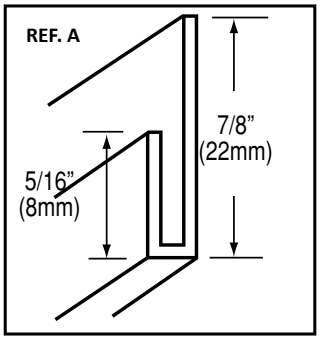
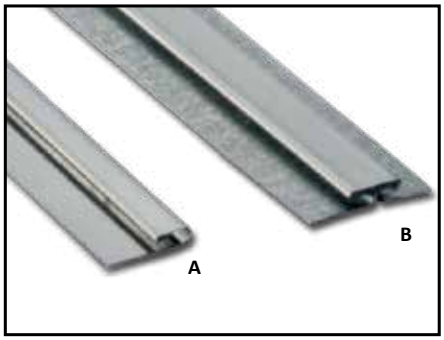
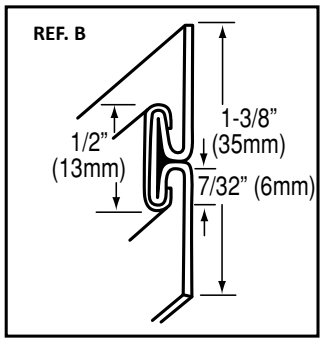
Flame Gard®

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

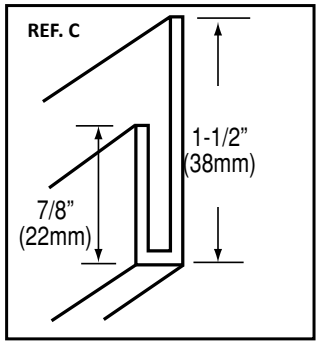


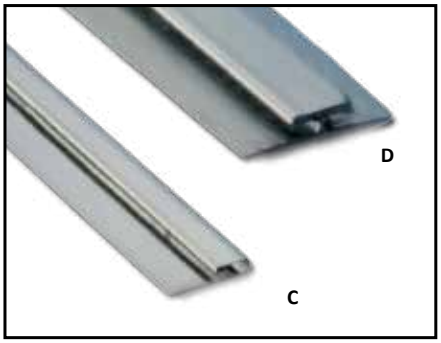


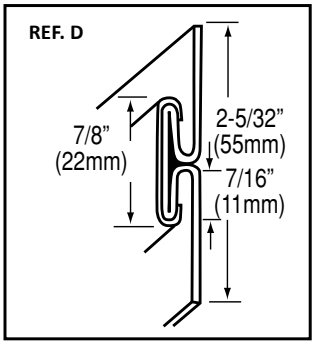


STAINLESS STEEL CAP STRIP FOR 1/16” (1.6mm) MATERIAL, #4 SATIN FINISH
MODEL NO. J63-1451
7 FT (2.1m) LENGTH
MODEL NO. J63-1451-8
8 FT (2.4m) LENGTH
MODEL NO. J63-1451-9
9 FT (2.7m) LENGTH
MODEL NO. J63-1451-10
10 FT (3m) LENGTH

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

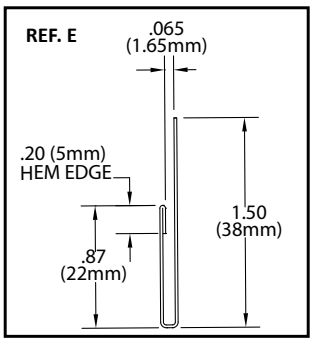


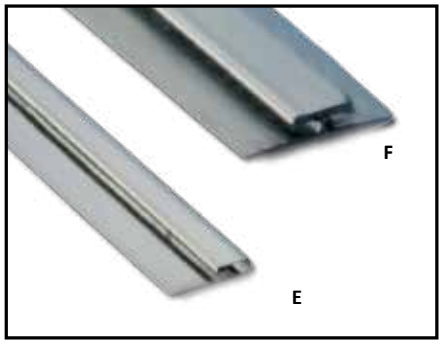


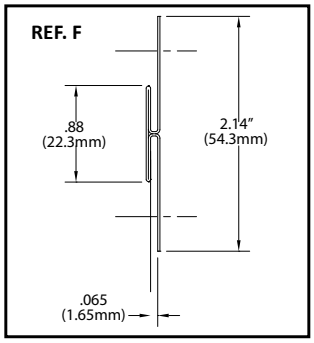


EXTENDED LENGTH STAINLESS STEEL CAP STRIP FOR 1/16” (1.6mm) MATERIAL, #4 SATIN FINISH
MODEL NO. J63-1651-78
6.5 FT (2m) LENGTH
MODEL NO. J63-1651-120
10 FT (3m) LENGTH

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

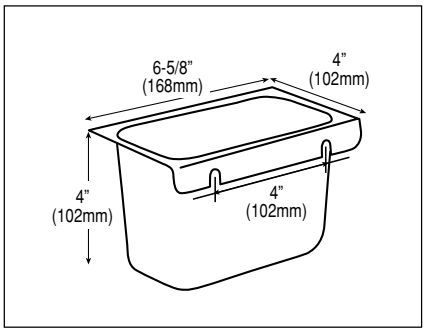
EXTENDED WIDE 304 STAINLESS STEEL DIVIDER BAR WITH S/S BACK PLATE FOR 1/16” (1.6mm) MATERIAL #4 SATIN FINISH
MODEL NO. J64-2651-84
7 ft (2.1m) LENGTH
MODEL NO. J64-2651-120
10 ft (3m) LENGTH

REMOVABLE STAINLESS STEEL CANOPY HOOD GREASE CUPS

- CONFORMS TO NFPA REQUIREMENTS

KEYHOLE MOUNT CUP
MODEL NO. F15-4000-C

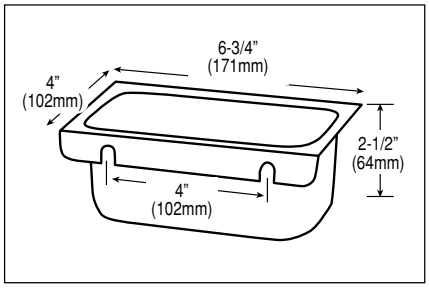
Size: 4" x 6-5/8" x 4" DEEP
(102mm x 168mm x 102mm)



NSF® COMPONENT

KEYHOLE MOUNT CUP
MODEL NO. F15-2500-C

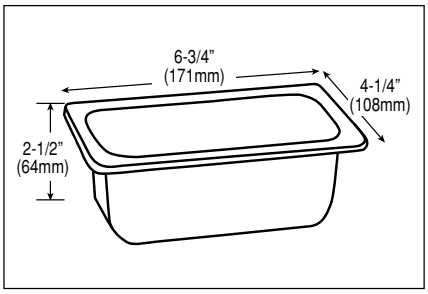
Size: 4" x 6-3/4" x 2-1/2" DEEP
(102mm x 171mm x 64mm)



NSF® COMPONENT

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)

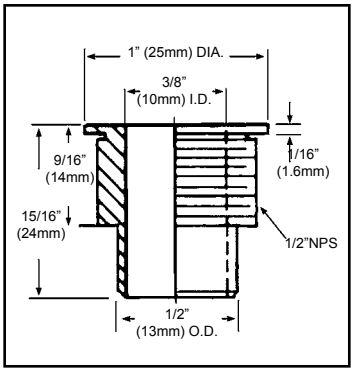


NSF® COMPONENT

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

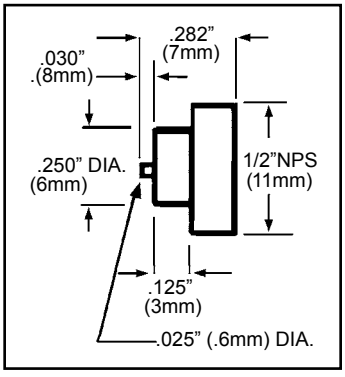
MODEL NO. F10-1187



STAINLESS STEEL KEYHOLE WELD STUDS

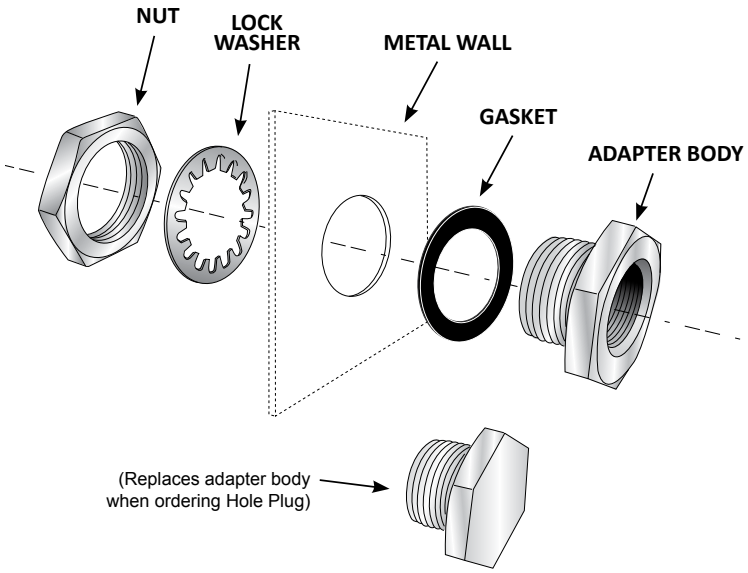
- MOUNTING KEYHOLE GREASE CUPS

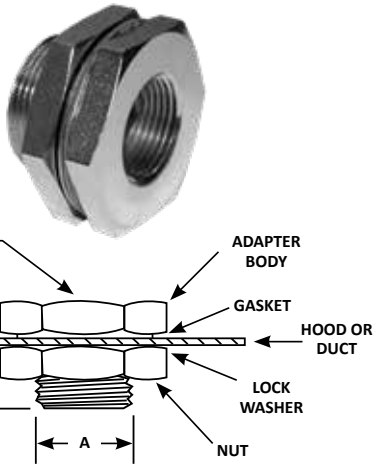
MODEL NO. Q37-0250



A Flame Gard®

- 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



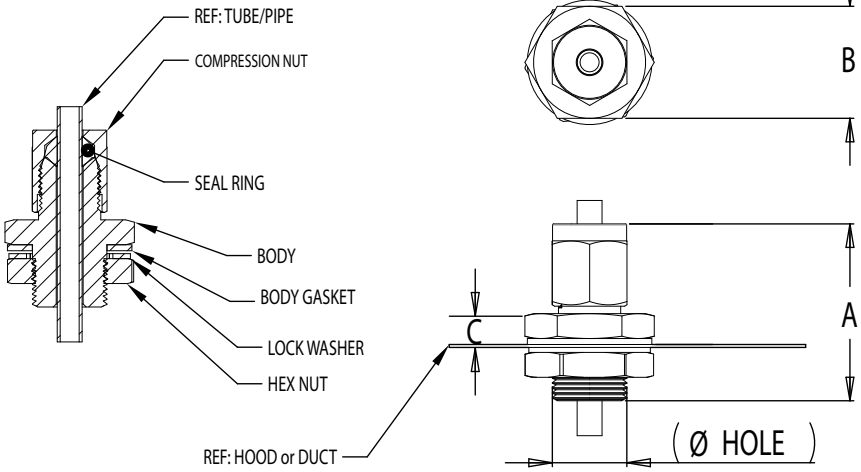


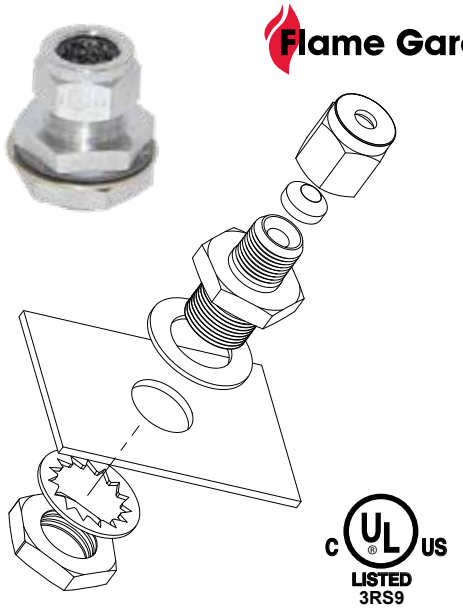
HOLE PLUG DIMENSIONAL DRAWING

c UL us LISTED 3RS9 File No. MH19744

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
F11-0038A	3/8" NPSM Pipe	7/8” (22mm)	.21 lb (10 kg)	1.00	1.25 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





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LISTED
3RS9
File No. MH19744

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
F15-500P	1/2" (13mm) Pipe	1-1/8" (29mm)	.852 lb (39 kg)	2.08	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

c UL us
LISTED
3RS9
File No. MH19744

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

A Flame Gard®

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 90º 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

Flame Gard®

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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

3oz Tube

NSF® COMPONENT

File No. E224060

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**

CAULKING GUN

For Use With
10.3 oz (305ml) Cartridge

MODEL NO. Q99-1000

A

B

FOIL AND DUCT TAPE

- IDEAL FOR SEALING SEAMS AND JOINTS ON HVAC DUCTS

REF.	MODEL NO.	TYPE	SIZE	CASE QTY .
A	**Q84-3200**	Heavy Duty Duct Tape	2" x 60 YDS (51mm x 55m)	24
B	**Q84-4250**	Hi-Strength Aluminum Foil Tape	2-1/2" x 50 YDS (64mm x 46m)	20

INSULATION HANGERS

MODEL NO.	HANGER LENGTH	CASE QTY.
Q86-1000	1" (25mm)	1000
Q86-1250	1-1/4" (32mm)	1000
Q86-1500	1-1/2" (38mm)	1000
Q86-1625	1-5/8" (41mm)	1000
Q86-2000	2" (51mm)	1000

- PROVIDED WITH PEEL AND PLACE ADHESIVE BACKING
- ANNEALED COPPER COATED STEEL NAIL
- ELIMINATES USING CAPACITOR DISCHARGE NAILS
- SUPPLIED WITH GALVANIZED RETAINING PLATE

Insulation Hangers are made of 2" x 2" (51mm x 51mm) Galvanized Plates with a 1/32"(.794mm) white urethane foam backing which has been coated with a high performance, acrylic based adhesive protected by a release coated liner.

NOTE: OTHER LENGTHS AVAILABLE UPON REQUEST

INSULATION WELD PINS

- ANNEALED COPPER COATED STEEL NAIL • CD TYPE
- GALVANIZED STEEL RETAINING PLATE AVAILABLE

MODEL NO.	PIN SIZE	CASE QTY.
Q86-0010	12 ga. x 1"(25mm)	1000
Q86-0015	12 ga. x 1-1/2"(38mm)	1000
	RETAINING PLATE	
Q86-0001	1 x 1-1/4" (32mm)	1000

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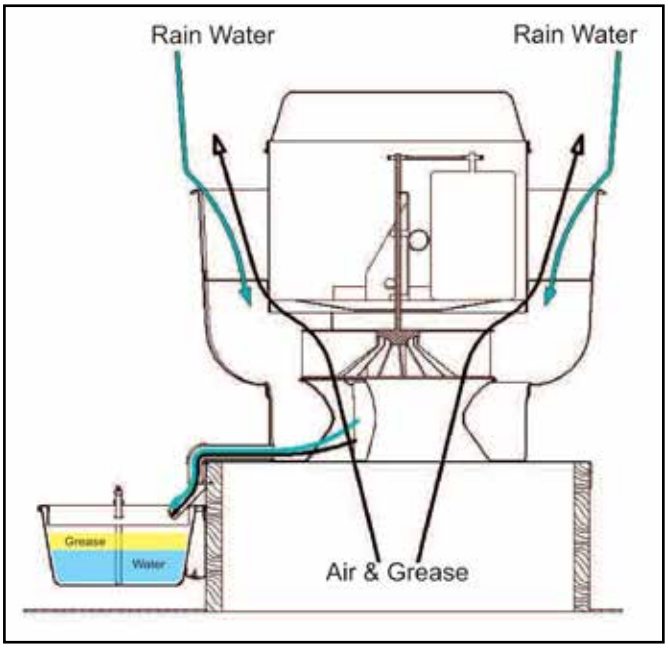
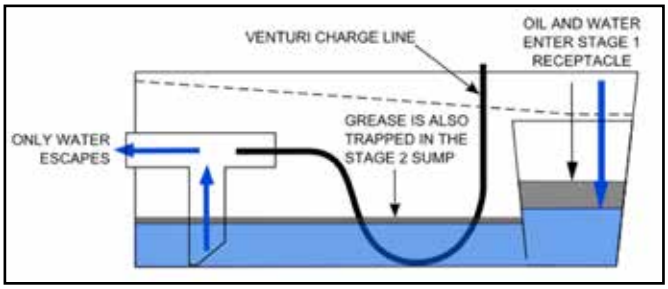
Flame Gard®





GREASE REMOVAL SYSTEM FOR EXHAUST FANS

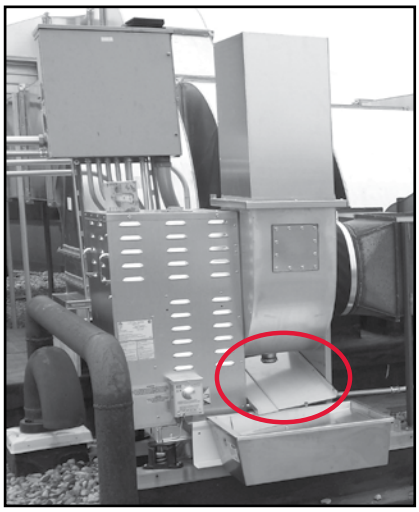
- EASY ONE-MAN INSTALLATION – ONLY 5 SCREWS
- HELPS PREVENT GREASE SPILLAGE LEADING TO COSTLY ROOF DAMAGE, WATER CONTAMINATION, AND FIRE/SAFETY HAZARDS
- PREVENTS GREASE BOX OVERFLOW BY ALLOWING CLEAN RAINWATER TO ESCAPE WHILE CONTAINING GREASE
- NO COSTLY FILTER MEDIA • NO ROOF PENETRATIONS
- SIMPLIFIES 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

UL LISTED
MH49237
Rooftop Grease/Oil Collection/ Containment Systems

DIVERTER TROUGH FOR UTILITY “SQUIREL CAGE” FANS

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



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:

CLASSIFIED C UL US 3L73

FILL, VOID OR CAVITY MATERIAL CLASSIFIED BY UNDERWRITERS LABORATORIES INC. ®
FOR USE IN THROUGH-PENETRATION FIRESTOP SYSTEMS.
SEE UL FIRE RESISTANCE DIRECTORY UNDERWRITERS LABORATORIES ® CLASSIFIED WALL PROTECTION MATERIAL. SEE PRODUCT CATEGORY IN UL FIRE RESISTANCE DIRECTORY
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

FM APPROVED

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 CLOSES 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

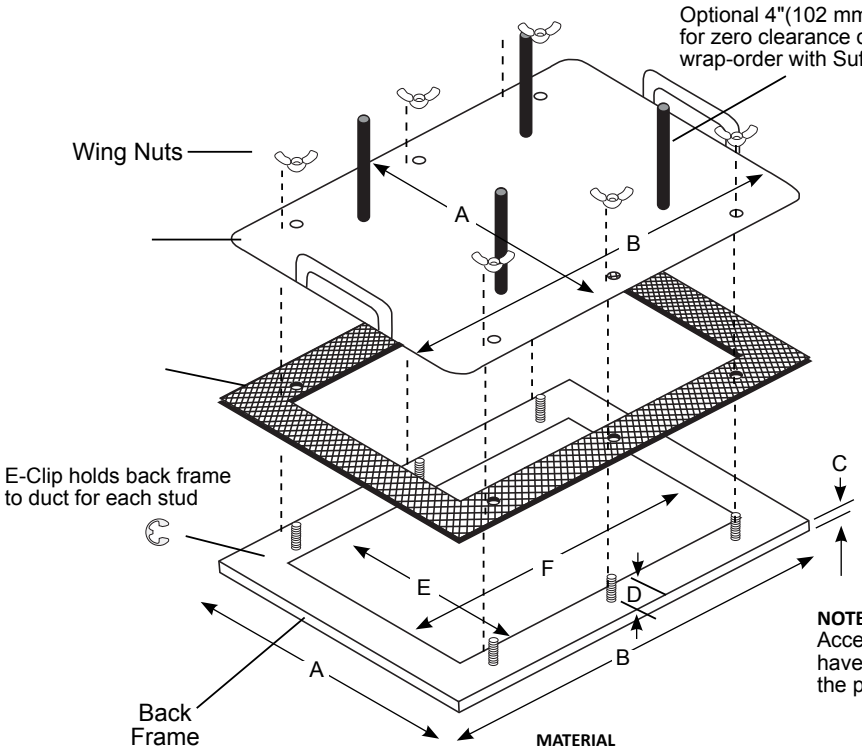
- HI-TEMP ACCESS DOOR IS SOLID, LEAK RESISTANT AND CONSISTS OF TWO LAYERS OF STAMPED, HOT DIPPED GALVANIZED STEEL AND ONE 16 GAUGE BLACK IRON BACKING PLATE
- HI-TEMPERATURE CERAMIC FIBER GASKET - RATED 2300°F (1260°C) MAX-MEETS NFPA 96 STANDARDS IS PERMANENTLY BONDED TO THE OUTSIDE PANEL OF THE ACCESS 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)

A

Flame Gard®

- 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



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.

MATERIAL
BACK PLATE: Cold Rolled Steel, Thickness – 0.057"(1.5mm)
FRONT PLATE: Galvanized Steel, Thickness – 0.060"(1.5mm)

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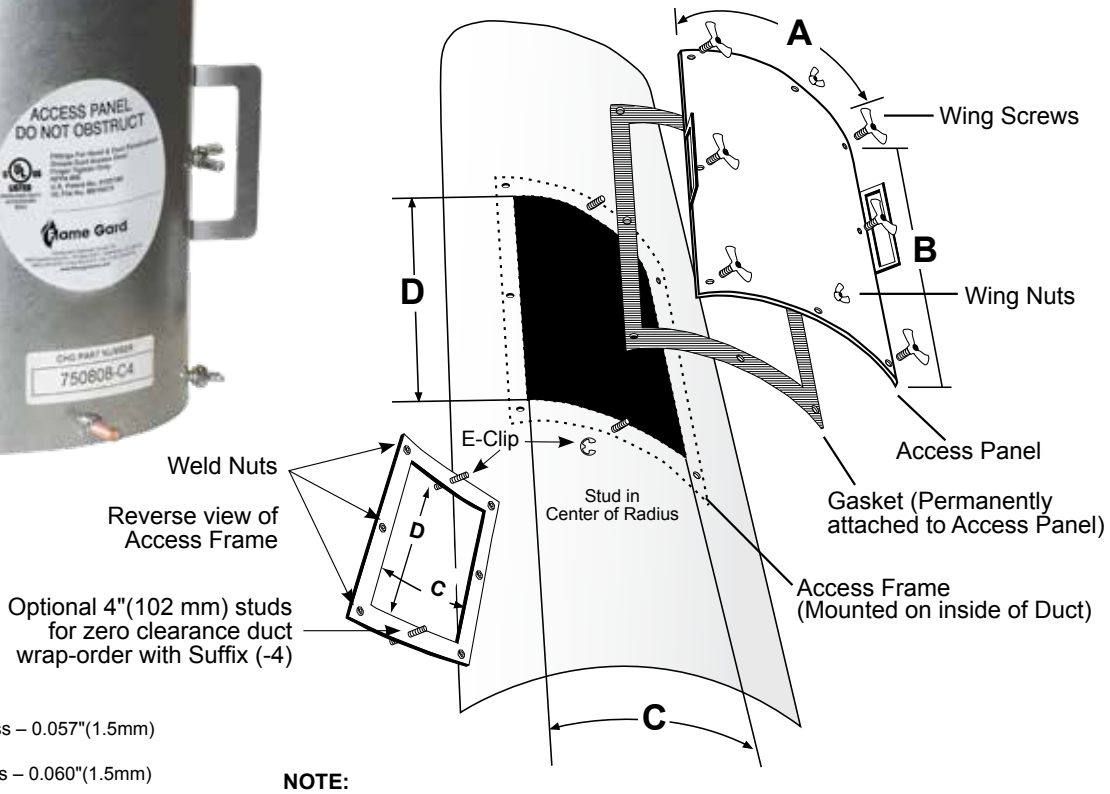
3RS9
File No. MH19744

MODEL NO.	PANEL OUTSIDE DIMENSION		PANEL HEIGHT	STUD HEIGHT	HOLE SIZE		MTG STUDS
	A	B	C	D	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

- 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



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.

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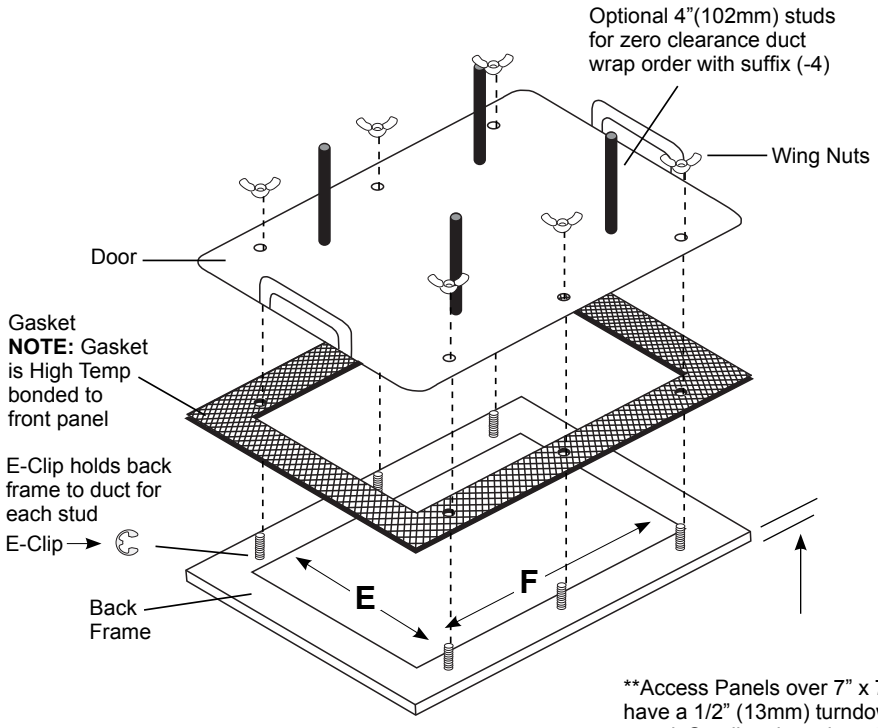
MODEL NO.	PANEL OUTSIDE DIMENSIONS		HOLE SIZE	
	A	B	C	D
750505-C	6.75" (167mm)	6.75" (171mm)	5.06" (129mm)	5.25" (133mm)
750511-C	6.75" (165mm)	12.75" (324mm)	5.00" (127mm)	11.25" (286mm)
750517-C	6.75" (165mm)	18.75" (476mm)	5.00" (127mm)	17.25" (438mm)
750808-C	9.75" (241mm)	9.75" (248mm)	8.00" (203mm)	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

Order Form - For Custom Flat Access Door Panels

A Flame Gard®



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File No. MH19744

**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.

QUANTITY REQUIRED	

DIMENSIONS	SIZE	INCHES or MM
DIMENSION **“E”**		
DIMENSION **“F”**		

PANEL MATERIAL	Check One
GALVANIZED STEEL	
STAINLESS STEEL 304	
STAINLESS STEEL 316L	

PANEL THICKNESS	Check One
.050″ (1.3mm) S/S Models only	
.060″(1.5mm)	
.125″(3.2mm)	

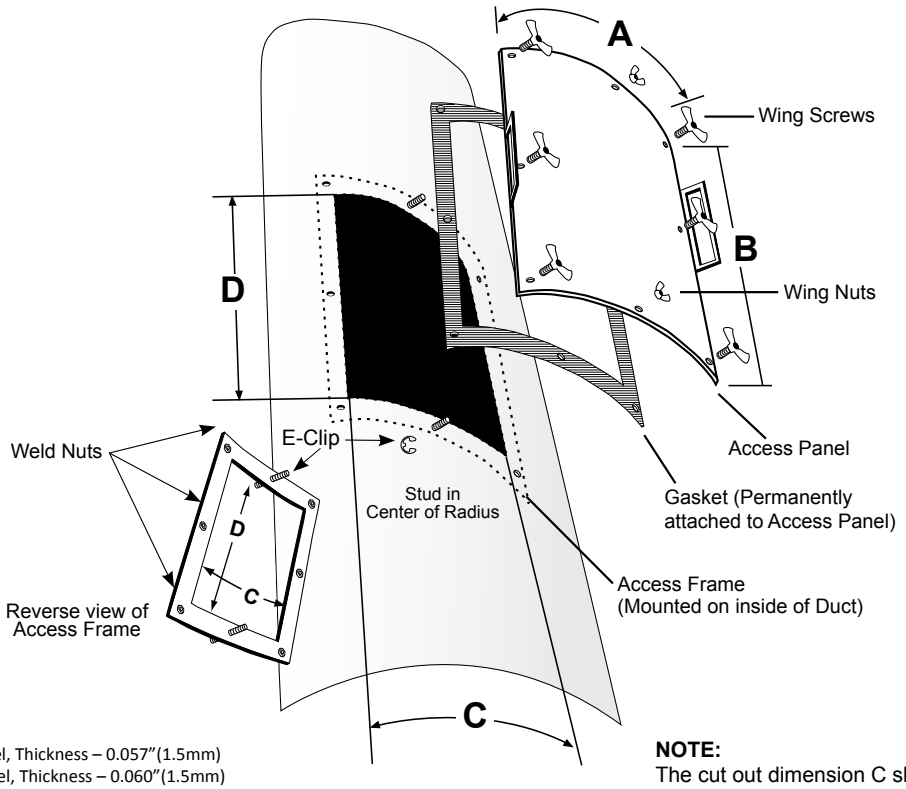
MOUNTING HARDWARE MATERIAL	Check One
ZINC PLATED STEEL	
STAINLESS STEEL 304	

Additional Notes

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

ORD-FG-CFAD

Flame Gard® A



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File No. MH19744

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)
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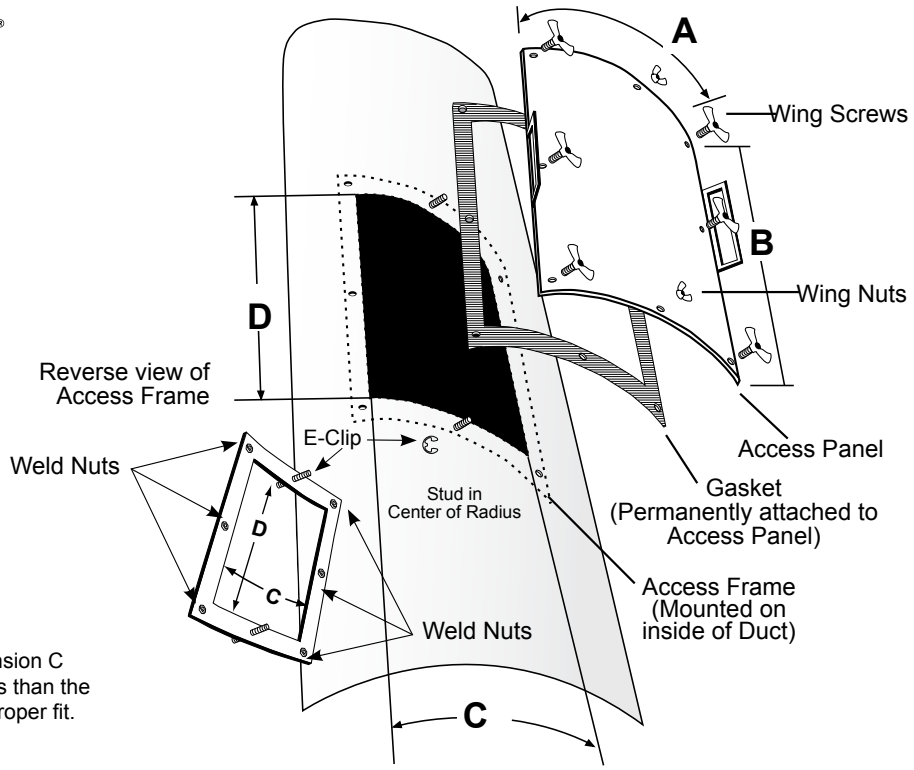
751117-C	12.75" (324mm)	18.75" (476mm)	11.00" (279mm)	17.25" (438mm)
751123-C	12.75" (324mm)	24.75" (629mm)	11.00" (279mm)	23.25" (591mm)
751717-C	18.75" (476mm)	18.75" (476mm)	17.00" (432mm)	17.25" (438mm)
751723-C	18.75" (476mm)	24.75" (629mm)	17.00" (432mm)	23.25" (591mm)

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

ORD-FG-CAD

Order Form - For Custom Curved Access Door Panels

A Flame Gard®



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

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#	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.		

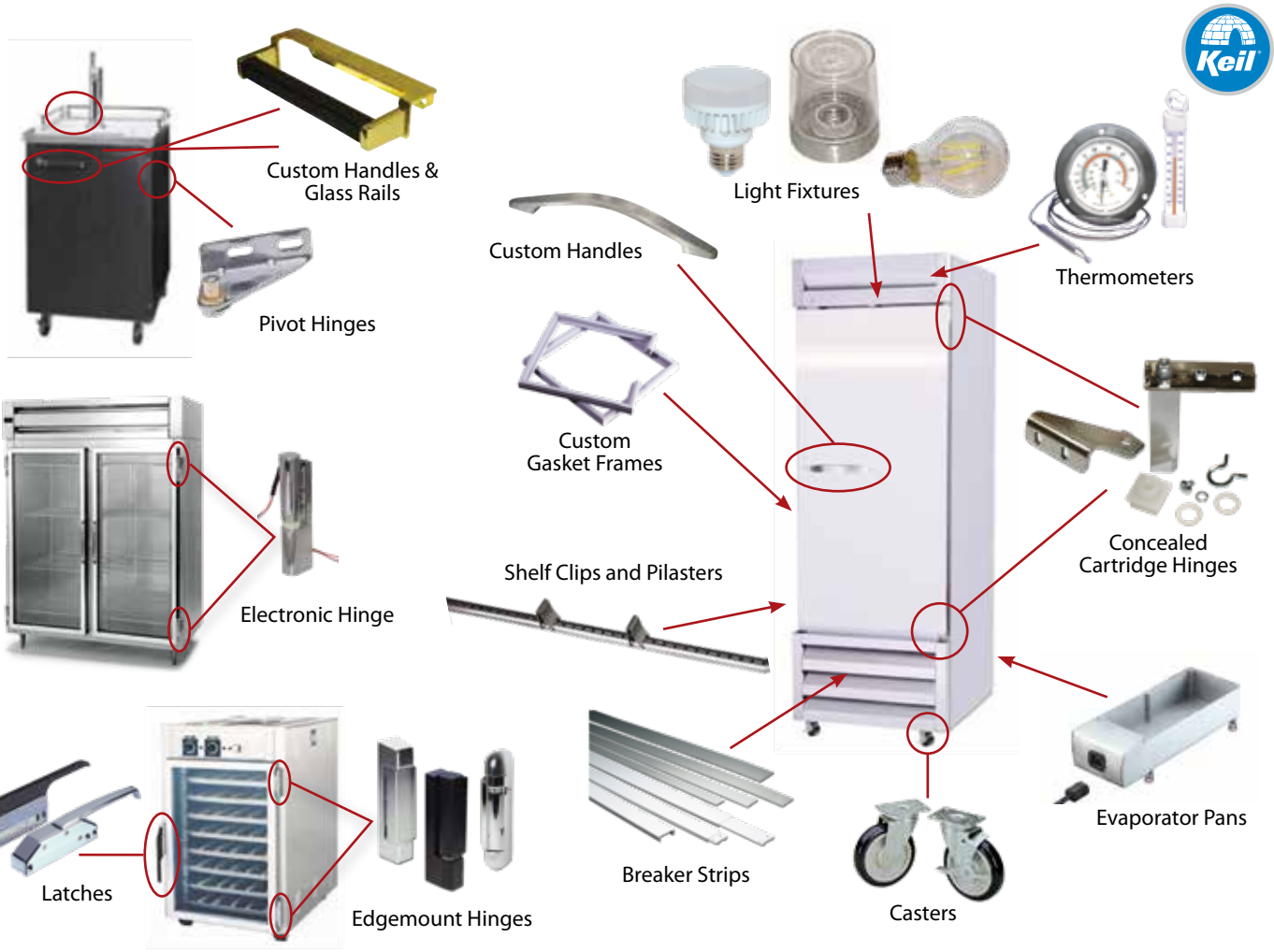
QUANTITY REQUIRED	

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	B38	HINGE REPLACEMENT PARTS	B52
HANDLES	B39	CONCEALED CARTRIDGE HINGES	B53
MECHANICAL LATCHES	B40	CONCEALED PIVOT BRACKETS	B54-B56
MECHANICAL EDGEMOUNT LATCH	B41	PADLOCK HASP ASSEMBLY	B57
MAGNETIC/MECHANICAL LATCHES	B42	CONDENSATE EVAPORATORS	B58-B59
MAGNETIC EDGEMOUNT LATCH	B43	THERMOMETERS	B60
CERAMIC MAGNETIC COMPACT LATCH	B44	PILASTER & SHELF SUPPORTS	B61
SURFACE MOUNT & CABINET LATCHES	B45	MASTIC, GROMMETS & CONDUIT SLEEVE	B62
NON-RISE EDGEMOUNT HINGES	B46-B48	GASKET FRAMES	B63-B64
STANDARD-DUTY NON-RISE EDGEMOUNT HINGES	B49	GASKETS & BREAKER STRIPS	B65
LIFT-OFF EDGEMOUNT HINGES	B50	ORDER FORM - CUSTOM MADE GASKET FRAMES	B66
ELECTRONIC HINGES	B51	ORDER FORM - CUSTOM WIRE SHELVES	B67

For Lighting Components, please see Lighting & Electrical on pages D97- D115

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.

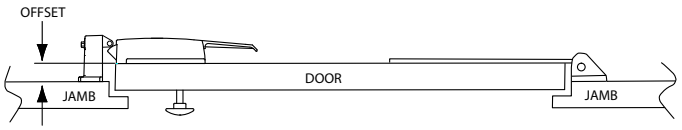
Hinge Groups A-C Shown in REACH-IN, Section E
Hinge Groups D-J Shown in WALK-IN, Section EE

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
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

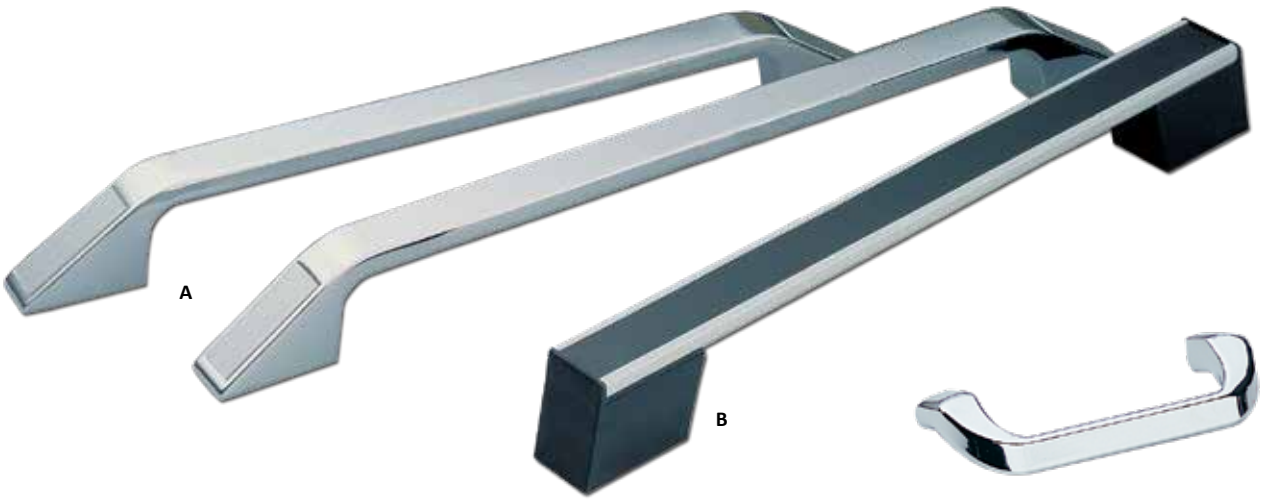
HOW TO DETERMINE OFFSET FOR HINGES AND LATCHES

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

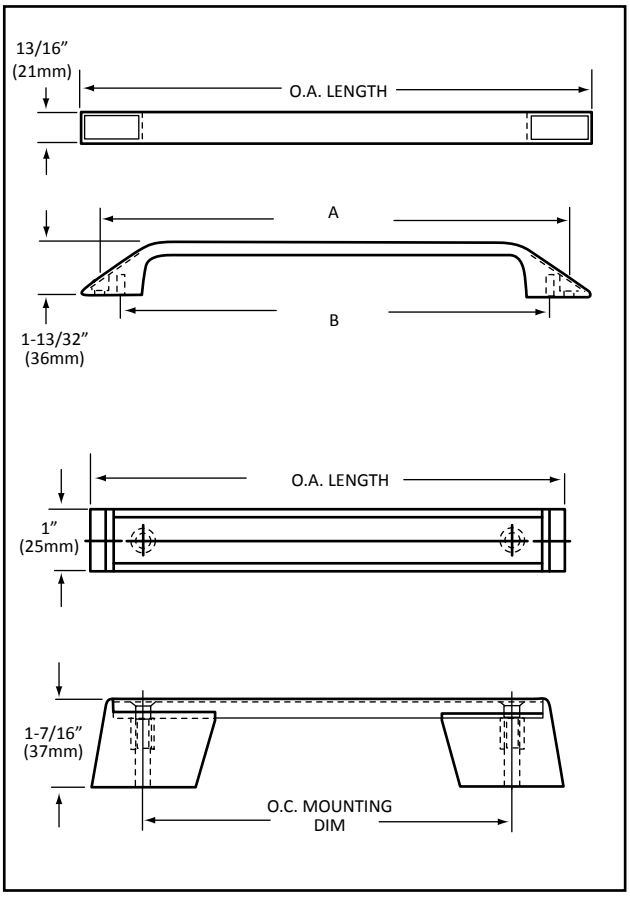


LOAD CHART

DOOR WEIGHTS kg.	DOOR WEIGHTS 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

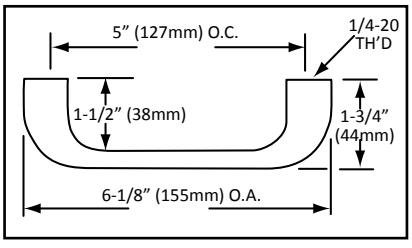
DECORATIVE HANDLES

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.



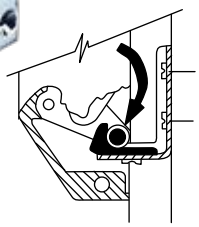
REF. C

OFFSET HANDLE

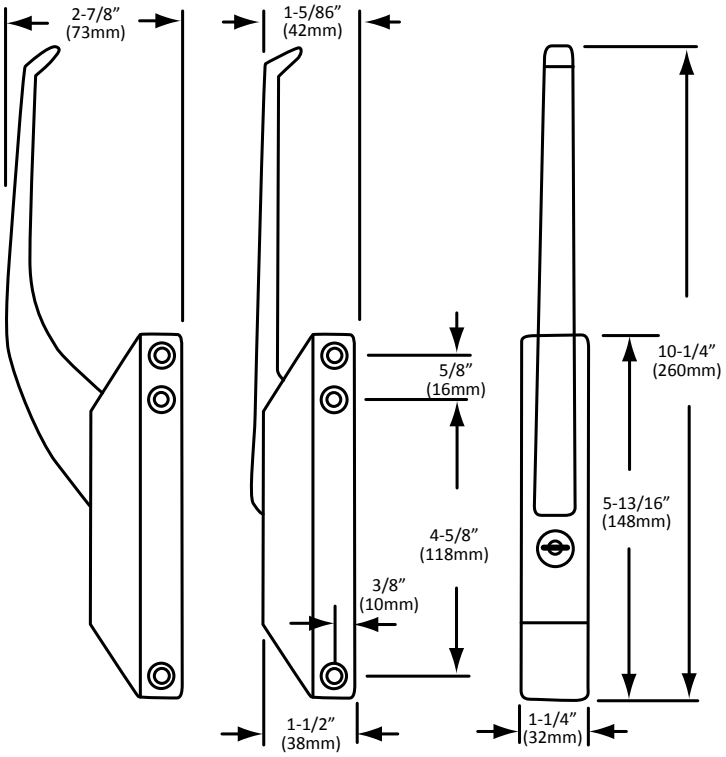
• IDEAL FOR ICE BIN DOORS
• POLISHED CHROME FINISH

MODEL NO. P40-1010

MATERIAL: CHROME PLATED DIE CAST METAL



POSITIVE PRESSURE SEAL
CROSS SECTION DETAIL



SPECIFICATIONS

CASE, HANDLE & STRIKE: HIGH PRESSURE DIE CAST ZINC
STRIKE PLATE: PLATED STEEL
FINISH: POLISHED CHROME

DRILLED AND COUNTERSUNK FOR NO. 10 SCREWS

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

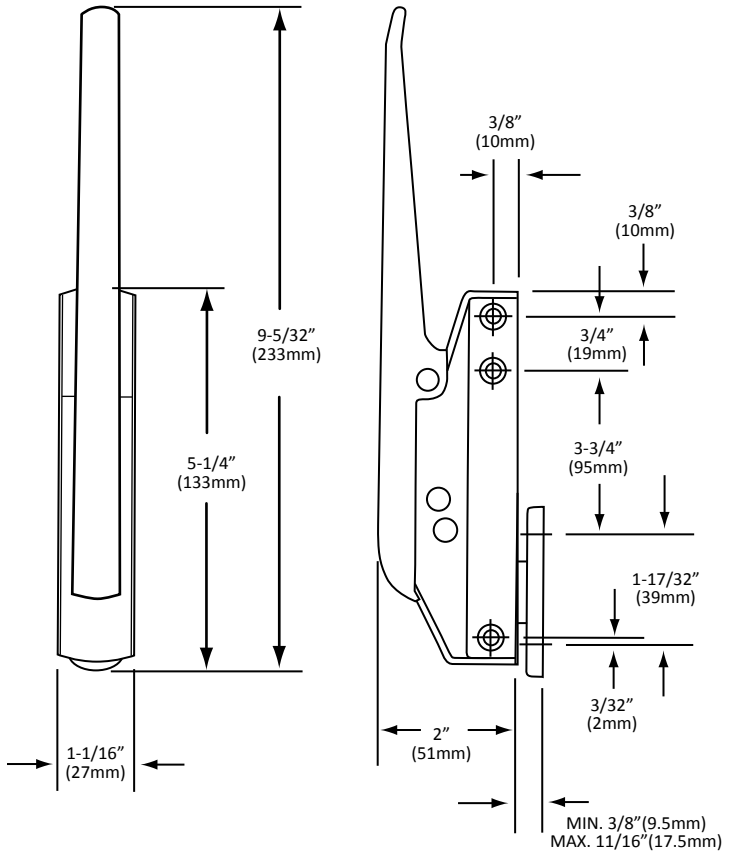
EDGEMOUNT LATCHES - R35 SERIES

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**



SPECIFICATIONS

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

DRILLED AND COUNTERSUNK FOR NO. 10 SCREWS

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**

MAGNETIC / MECHANICAL
EDGEMOUNT LATCHES
WITH FLOATING MAGNET

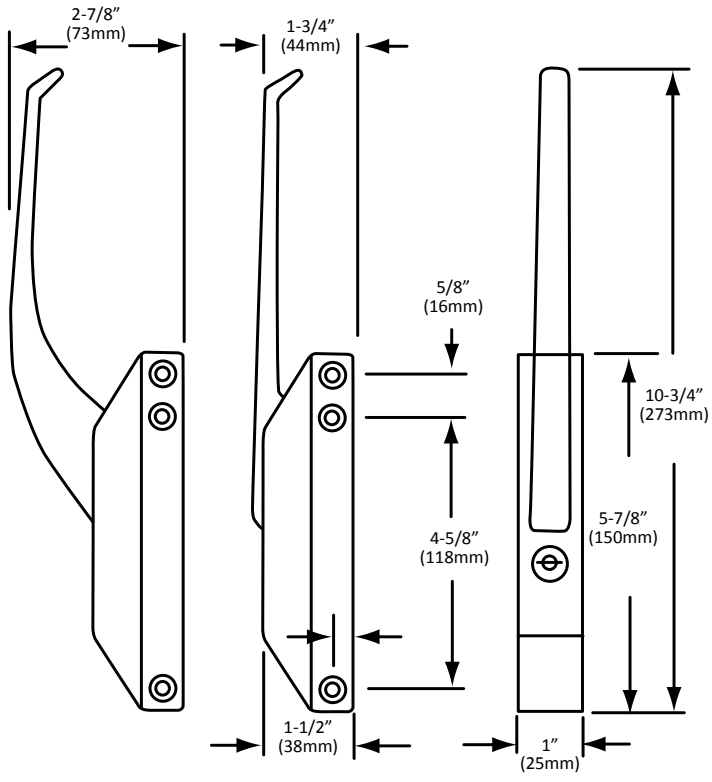
- UNIQUE DUAL DESIGN OFFERS BOTH MECHANICAL LATCHING AND MAGNETIC FORCE TO PROVIDE POSITIVE SEAL AND ELIMINATE DOOR BOUNCE BACK
- UNIQUE FOUR POSITION SOLID ONE PIECE STRIKE BRACKET AND FULL FLOATING MAGNETIC DESIGN INSURES POSITIVE MAGNETIC ATTRACTION AT EVERY ADJUSTMENT
- HEAVY-DUTY RUGGED CONSTRUCTION
- 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**

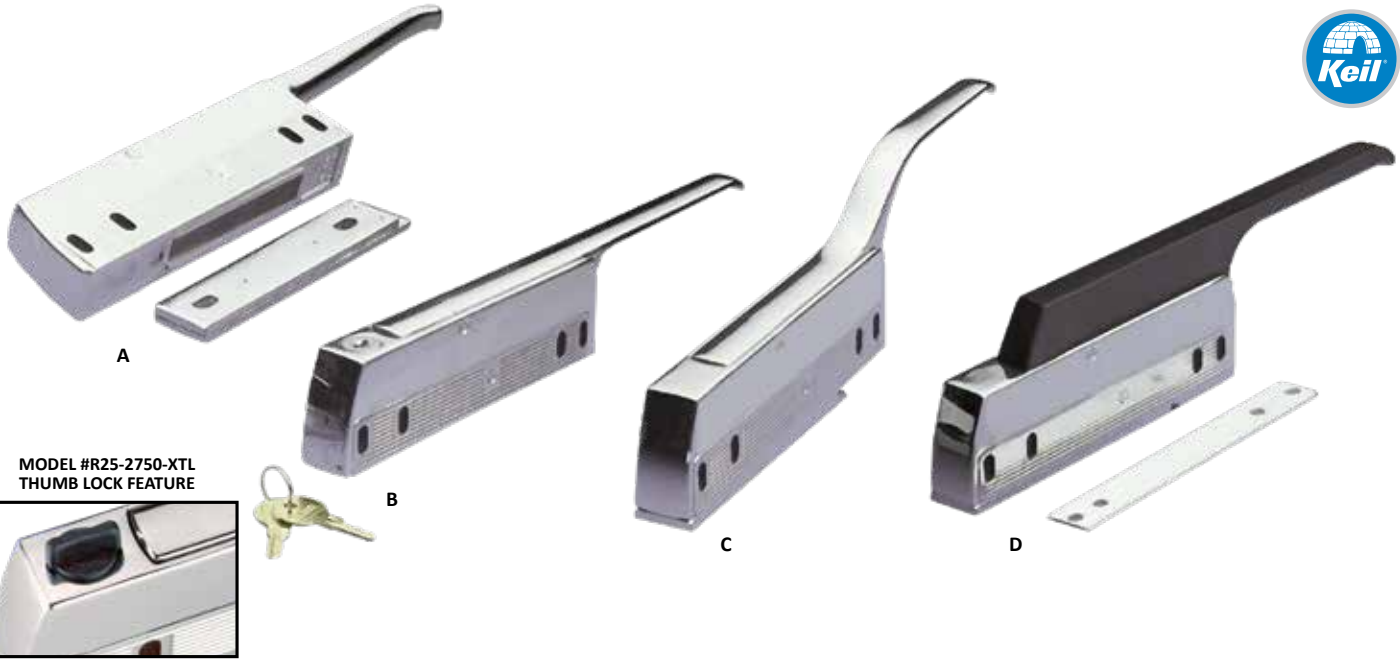


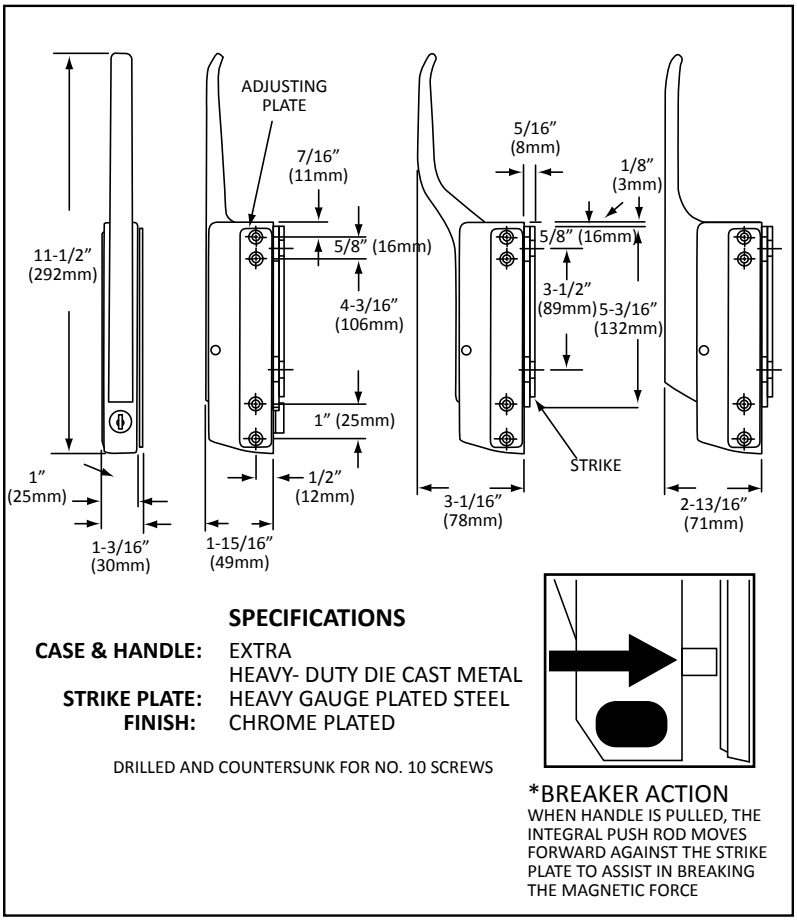
SPECIFICATIONS

CASE, HANDLE & STRIKE: HIGH PRESSURE DIE CAST ZINC
STRIKE PLATE: ZINC PLATED STEEL
FINISH: CHROME PLATED

DRILLED AND COUNTERSUNK FOR NO. 10 SCREWS

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





SPECIFICATIONS

CASE & HANDLE: EXTRA HEAVY- DUTY DIE CAST METAL
STRIKE PLATE: HEAVY GAUGE PLATED STEEL
FINISH: CHROME PLATED

DRILLED AND COUNTERSUNK FOR NO. 10 SCREWS

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

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)
D	**R25-2700-XNC**	Offset Handle Black Plastic No Cylinder Lock
D	**R25-2700-XC**	Offset Handle Black Plastic With Cylinder Lock *same as (D) with cylinder lock
D	**R25-2750-XTL**	Offset Handle Black Plastic With Thumb Lock With Ceramic Magnet *same as (D) but with thumb lock (see inset)

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
EDGEMOUNT LATCHES
WITH BREAKER ACTION

SPECIFICALLY FOR HEATED CABINETS, OVENS AND REFRIGERATORS

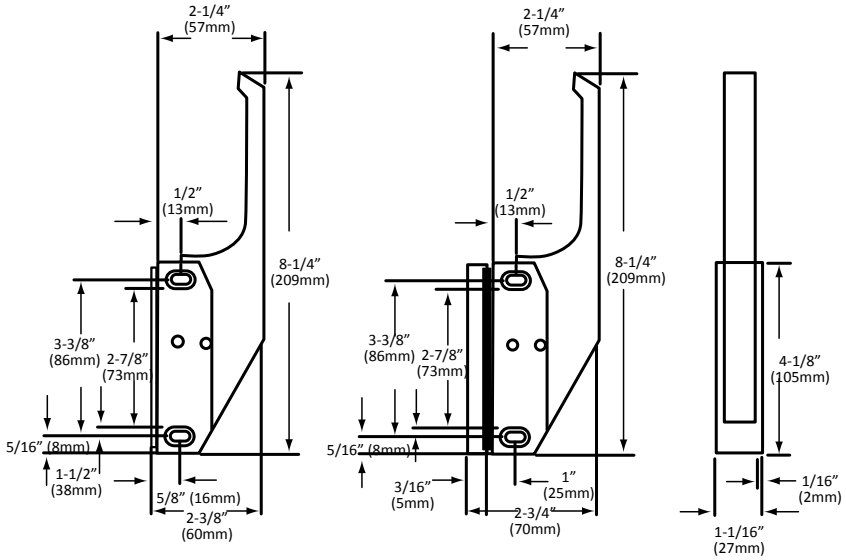
- COMPACT DESIGN FOR SPECIAL APPLICATIONS
- HEAVY-DUTY INSULATED OFFSET HANDLE
- BREAKER ACTION* FOR EASY DOOR OPENING
- POWERFUL HEAT RESISTANT CERAMIC MAGNET
- STAINLESS STEEL MECHANICAL PARTS AND PLATES
- SNAP-IN HOLE PLUGS FOR CONCEALED MOUNTING
- CONTEMPORARY STYLE - BLACK AND CHROME
- REVERSIBLE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



LATCH SHOWN WITH SUGGESTED STRIKE HOUSING FOR HEATED APPLICATION

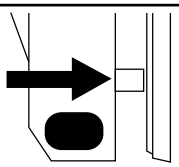
LATCH SHOWN WITH SUGGESTED STRIKE HOUSING FOR REFRIGERATED APPLICATION

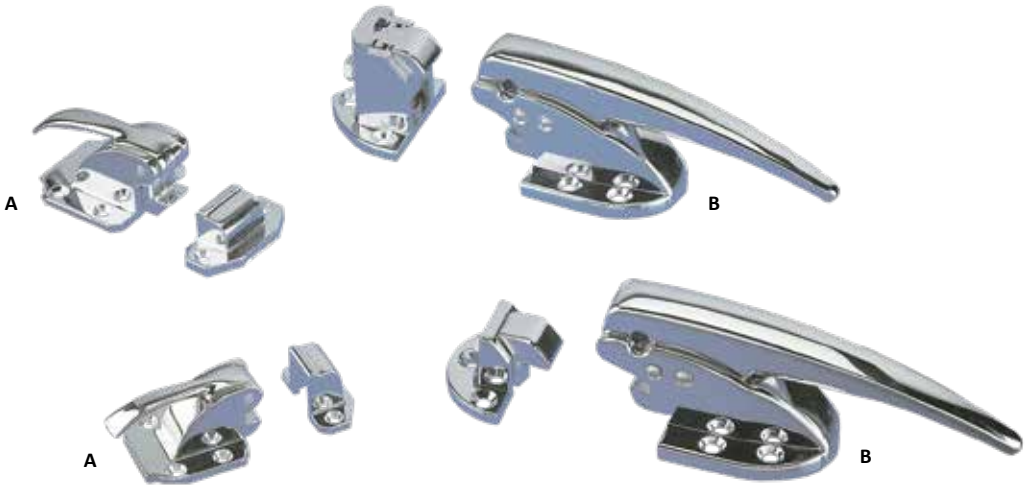
SPECIFICATIONS:

CASE:	EXTRA HEAVY- DUTY DIE CAST METAL
FINISH:	CHROME PLATED
HANDLE:	FIBERGLASS REINFORCED THERMOPLASTIC
STRIKE:	STAINLESS STEEL
STRIKE HOUSING:	DIE CAST ZINC
INTERNAL COMPONENTS:	STAINLESS STEEL

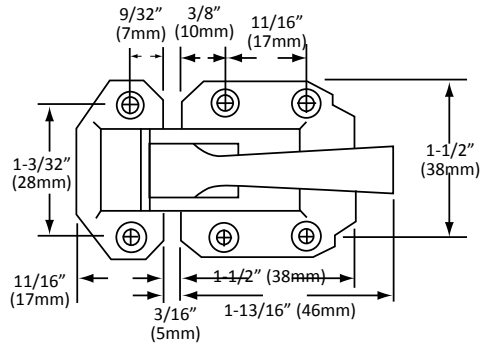
NOTE: MOUNTING HOLES FOR #10 SCREW

***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 and CABINET LATCHES



STANDARD DUTY

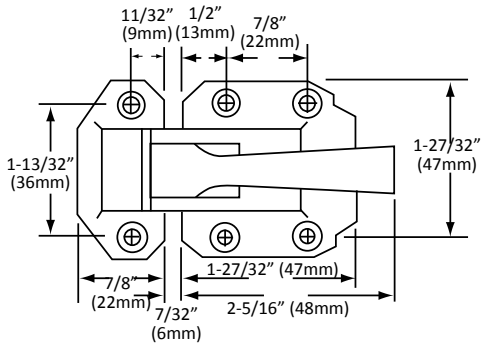
- MOUNTING HOLES Ø.150 THRU WITH Ø.279 X 82° CSK
- TOTAL 6 MOUNTING HOLES
- MOUNTING HOLES TO SUIT #6 FLAT HEAD SCREW

MODEL NO. M15-9210

REF. A

CABINET LATCHES

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



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

SURFACE MOUNT LATCHES

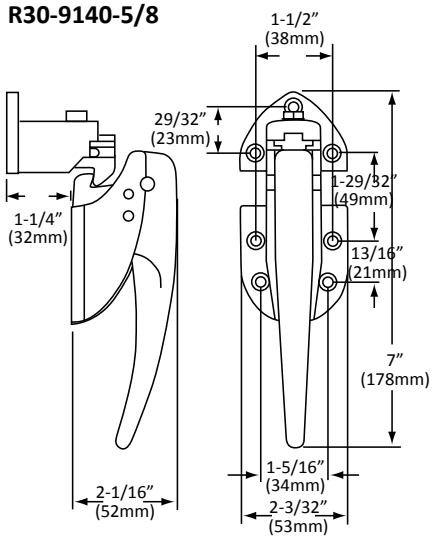
- POSITIVE SNAP-ACTION LATCH IS IDEAL FOR MOBILE CARTS AND REFRIGERATED CABINETS
- CHROME PLATED SNAP-ACTION LATCH PROVIDED WITH SOLID BRASS TRIGGER MECHANISM AND POWERFUL SPRING
- ADJUSTABLE FLUSH STRIKE OR ADJUSTABLE VARIABLE OFFSET MODELS TO CHOOSE FROM
- CHROME PLATED, HEAVY-DUTY PRESSURE DIE CAST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

R30 SERIES SURFACE MOUNT LATCHES

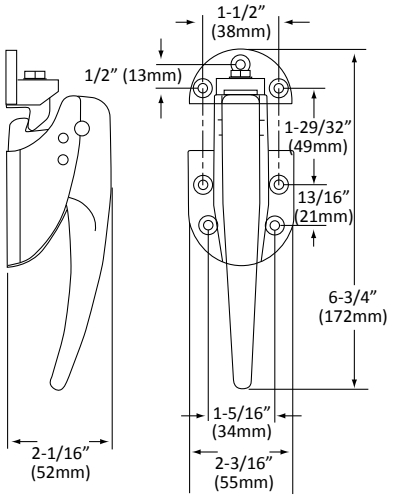
MODEL NO.	OFFSET
R30-9140-FL	0-3/8" (0-9.5mm)
R30-9140-5/8	5/8" - 1-1/4" (16mm-32mm)

- MOUNTING HOLES Ø.230 THRU WITH Ø.352 X 82° 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

B

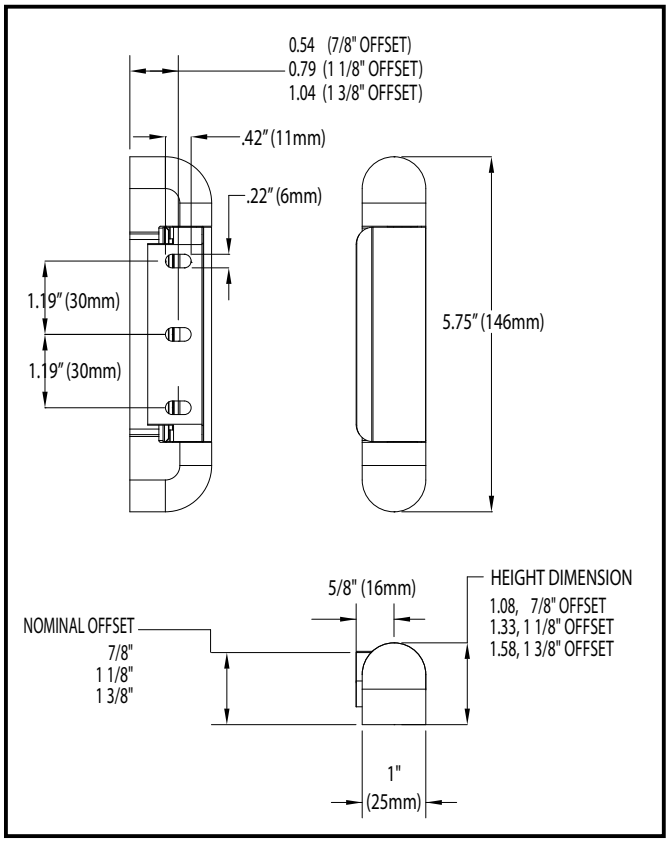
NON-RISE EDGEMOUNT HINGE

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

R42-287x
R42-289x*
*WITH POWER SPRING CONVERSION KIT

R42-288x
WITH ADJUSTABLE SPRING CARTRIDGE



MODEL NO.	DESCRIPTION
R42-2871	Edgemount Hinge, CP, 7/8" Offset
R42-2872	Edgemount Hinge, CP, 1-1/8" Offset
R42-2873	Edgemount Hinge, CP, 1-3/8" Offset
R42-2880	Spring Cartridge Assy for R42-288X Series Hinges
R42-2881	Edgemount Adjustable Spring Hinge, CP, 7/8" Offset
R42-2882	Edgemount Adjustable Spring Hinge, CP, 1-1/8" Offset
R42-2883	Edgemount Adjustable Spring Hinge, CP, 1-3/8" Offset
R42-2890-C	Spring Kit for 289X Series Hinges
R42-2890-K**	Spring Kit for K220 Series Hinges
R42-2891	Edgemount Spring Hinge, CP, 7/8" Offset
R42-2892	Edgemount Spring Hinge, CP, 1-1/8" Offset
R42-2893	Edgemount Spring Hinge, CP, 1-3/8" Offset

SPRING CONVERSION KITS AVAILABLE

Model No. R42-2890-C
Conversion Kit for Component Hardware Hinges R42-289X

Model No. R42-2890-K**

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

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

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

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

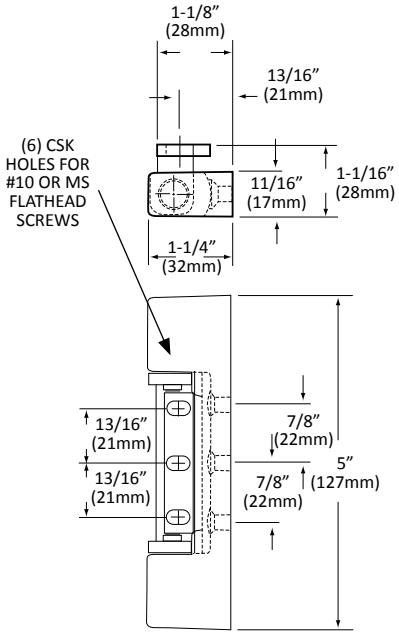
NON-RISE / ADJUSTABLE

REFRIGERATION EDGEMOUNT HINGES

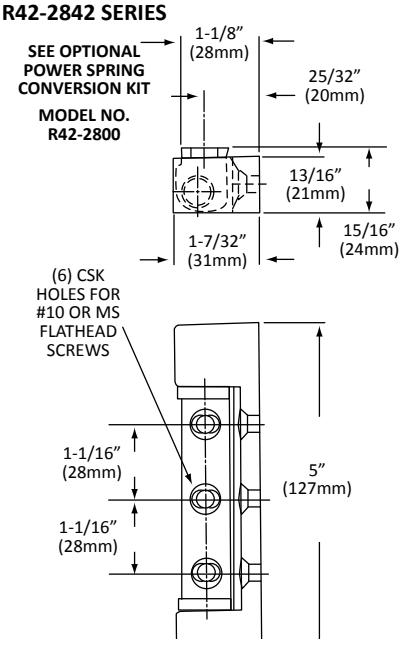
IDEAL FOR...REACH-IN REFRIGERATORS AND UNDERBAR EQUIPMENT

- 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

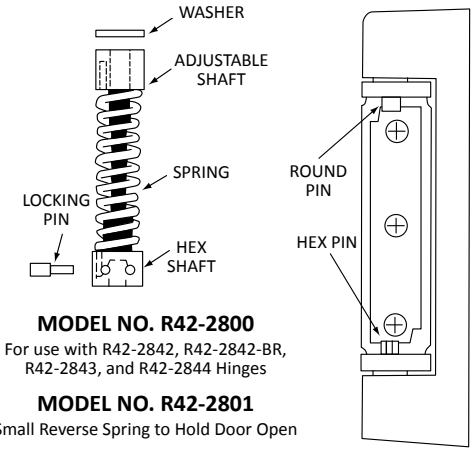


*REPLACES STANDARD-KEIL #2842 SERIES WITH COMPONENT HARDWARE QUALITY HARDWARE

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

B

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

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

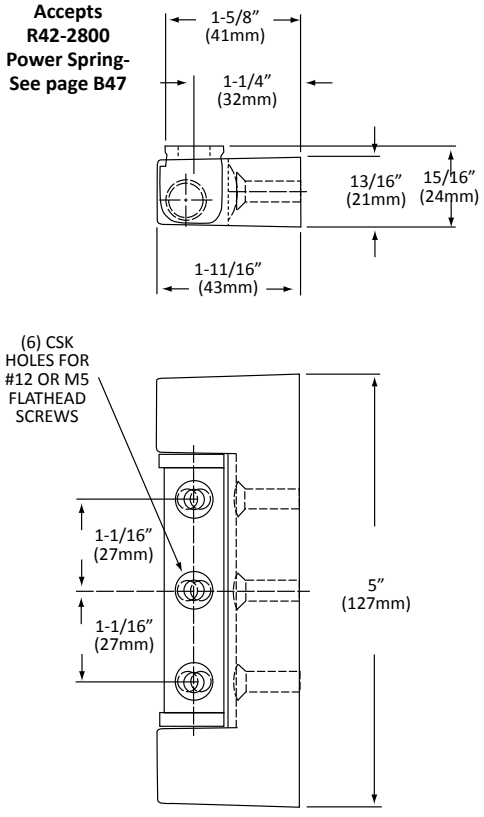
R42-2855
1-1/8" (28mm) OFFSET

NON-RISE / ADJUSTABLE
HEAVY-DUTY EDGEMOUNT HINGES

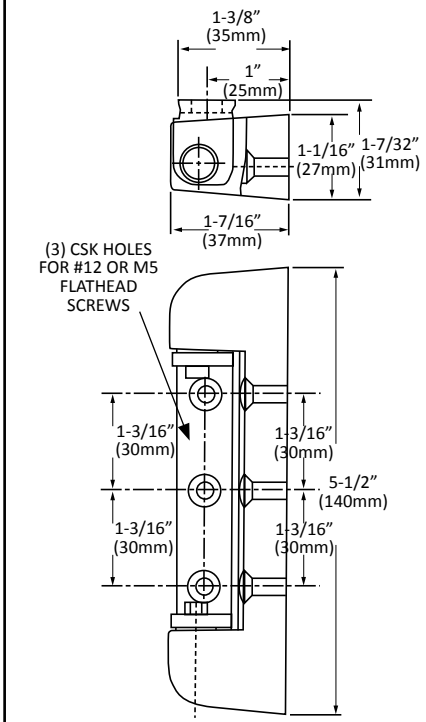
DESIGNED FOR REACH-IN REFRIGERATORS AND UNDERBAR EQUIPMENT

- 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

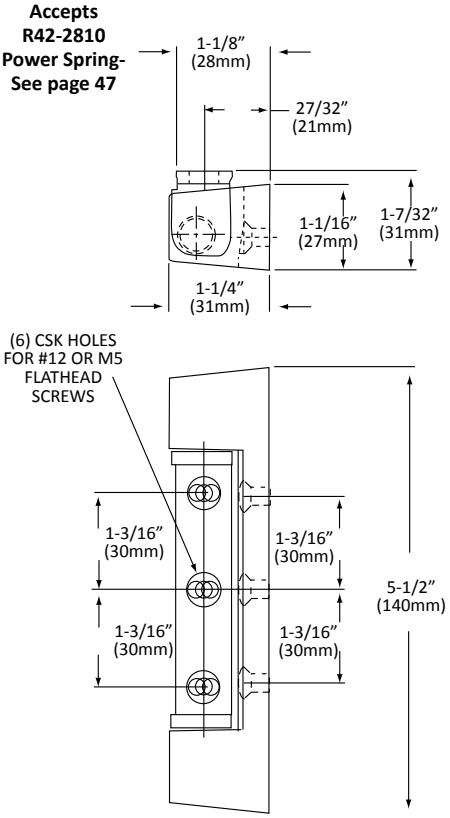
R42-2844
Accepts R42-2800 Power Spring- See page B47



R42-2000
Accepts R42-2810 Power Spring- See page B47



R42-2855
Accepts R42-2810 Power Spring- See page 47



R20 SERIES
7/8” (22mm) and 1-3/16” (30mm) OFFSET

R40-1010
1-1/4” (32mm) OFFSET

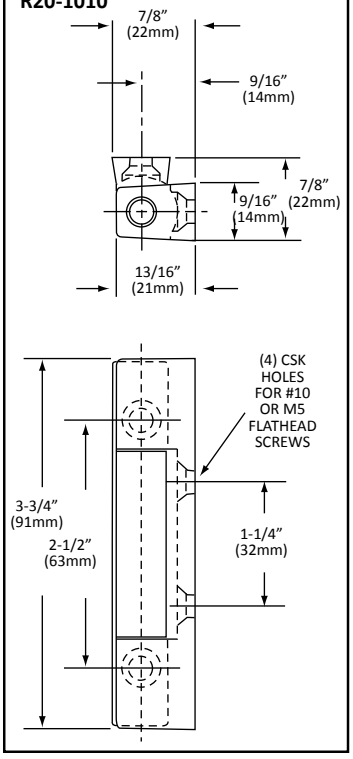
R42-2840
7/8” (22mm) OFFSET

SLIM-LINE / STANDARD-DUTY
EDGEMOUNT HINGES

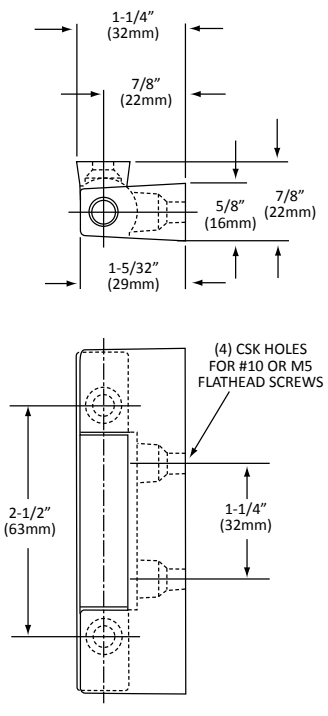
IDEAL FOR UNDERBAR EQUIPMENT, STANDARD REACH-IN REFRIGERATORS AND FREEZERS

- 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

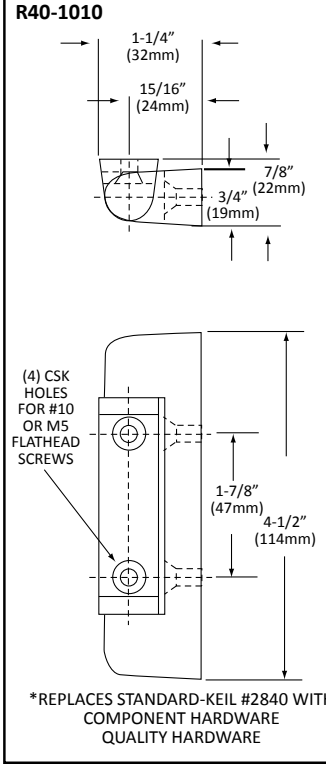
R20-1010



R20-1020

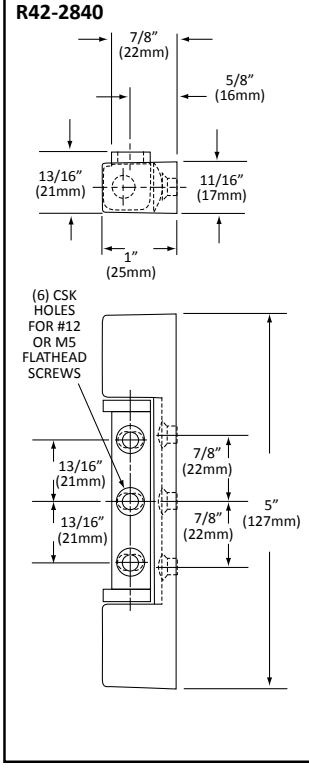


R40-1010



*REPLACES STANDARD-KEIL #2840 WITH COMPONENT HARDWARE QUALITY HARDWARE

R42-2840



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

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

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

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

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

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 90°
- 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

MICROSWITCH
Fits #R50 SERIES – 1-5/8" Hinges Only

MODEL NO. R50-1020
2-WAY SWITCH ONLY

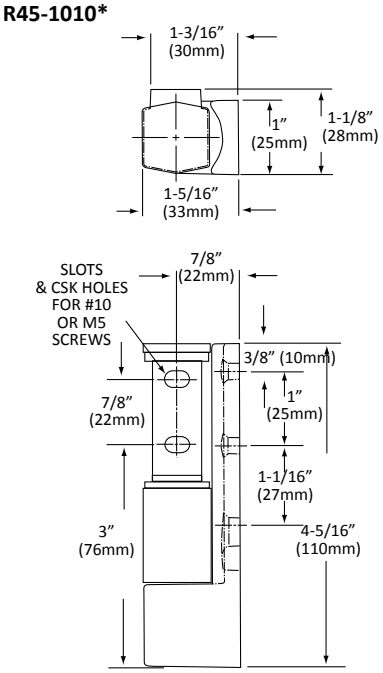
MODEL NO. R50-1030
3-WAY SWITCH ONLY

R50-2850 HINGE COMPLETE WITH MICROSWITCH

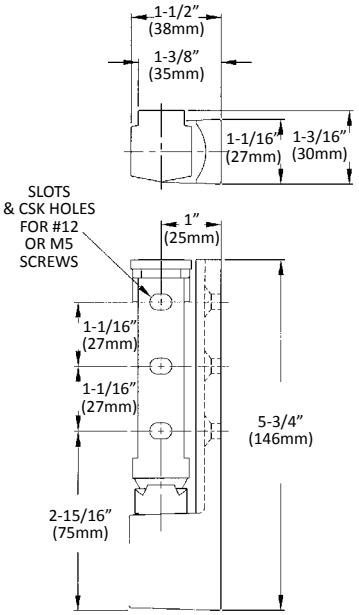
MODEL NO. R50-2820
WITH 2-WAY SWITCH
1-5/8" (41mm) OFFSET

MODEL NO. R50-2830
WITH 3-WAY SWITCH
1-5/8" (41mm) OFFSET

R45-1010*

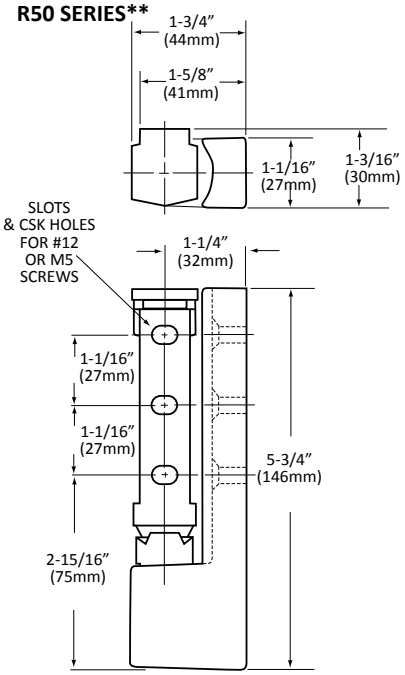


R50-2850-SPO**



*REPLACES STANDARD-KEIL #2850 WITH COMPONENT HARDWARE QUALITY HARDWARE

R50 SERIES**



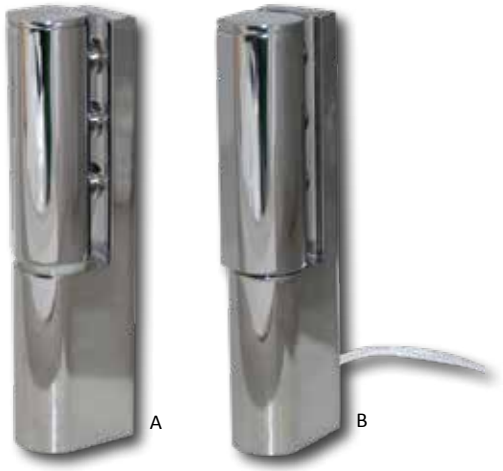
*REPLACES STANDARD-KEIL #2850 WITH COMPONENT HARDWARE QUALITY HARDWARE

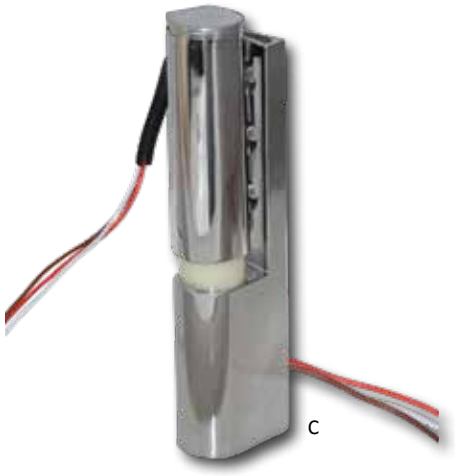
Also available...
NON LIFT-OFF MODEL
Prevents accidental door removal when doors are left in open position. The retaining component is easily disengaged for door removal. All other hinge features are maintained.
MODEL NO. R50-2850-NL
1-5/8"(41mm)

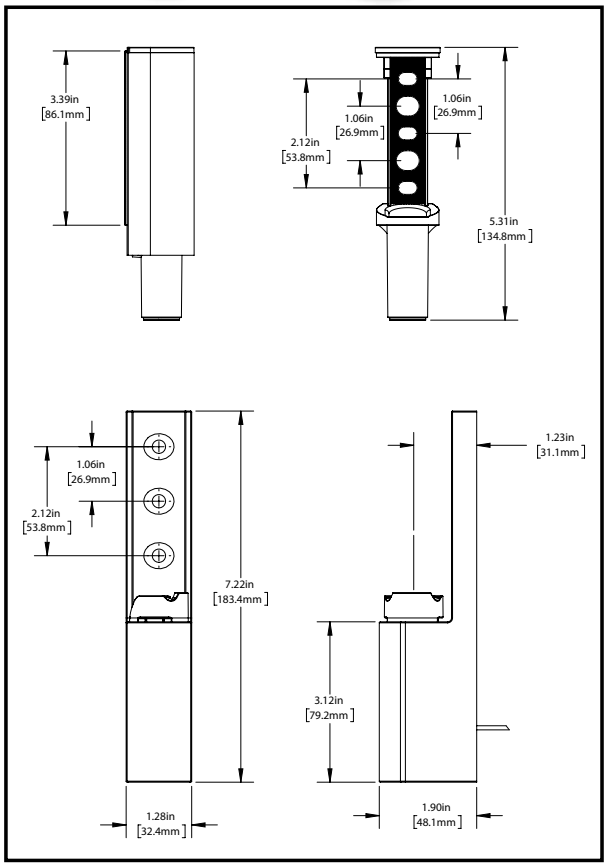
OFFSET EDGEMOUNT HINGE
NON LIFT-OFF
SPRING ASSISTED
MODEL NO. R50-2851
1-1/58" (41mm) OFFSET

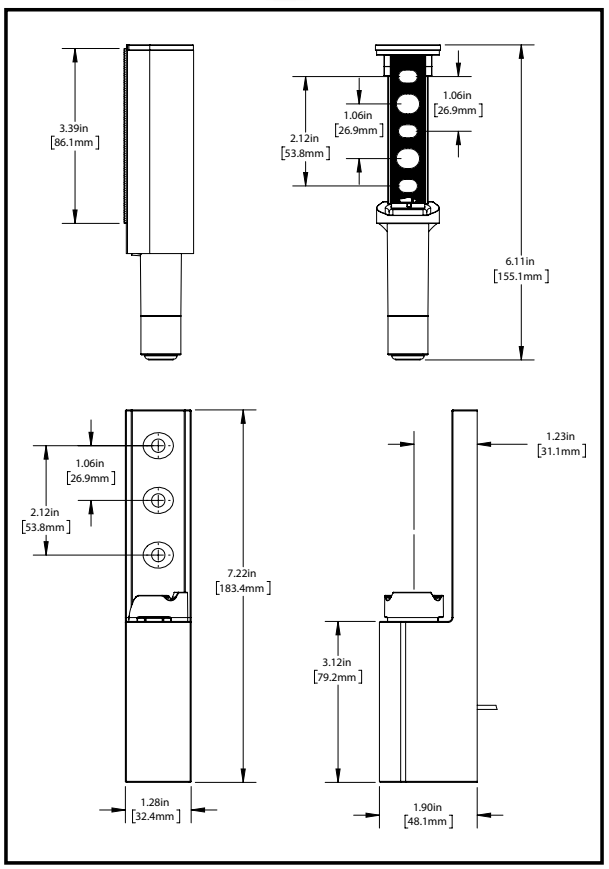
* R45-1010 HINGES ARE FURNISHED WITH AN ADJUSTING PLATE FOR UP TO 3/16" (5mm) ADJUSTMENT. DRILLED AND COUNTERSUNK FOR #10 SCREWS.

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









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

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

UL Recognized Component

COMPONENT

Tested with standard 2

R40-1010 SERIES

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

R42-2840 SERIES

REF.	MODEL NO.	DESCRIPTION
A	R42-X038	Cover

R42-2842/43/44 SERIES

REF.	MODEL NO.	DESCRIPTION
A	R42-X003	Adjustment Plate
B	R42-X004	Cover
C	R42-X008	Adjustment Plate, Brass

R42-2855 SERIES

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

R42-2870/90 SERIES

REF.	MODEL NO.	DESCRIPTION
A	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

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.

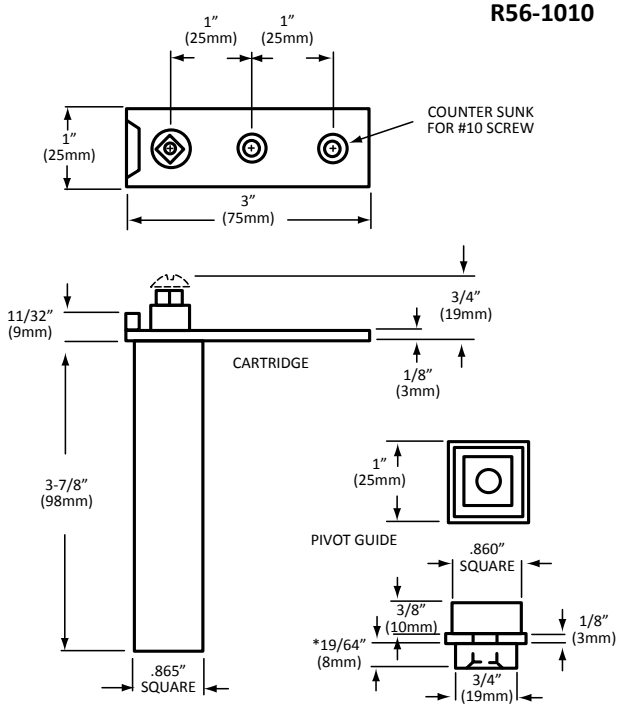
R56 SERIES
CONCEALED POWER
CARTRIDGE HINGE

- **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

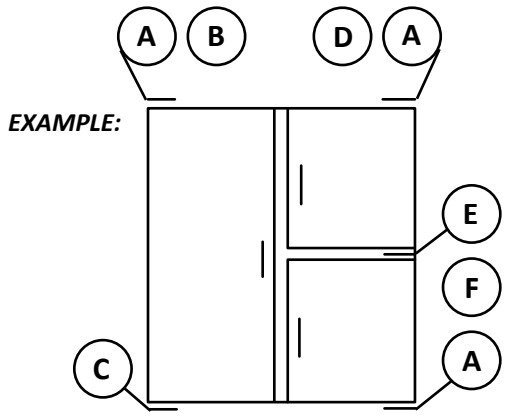
MODEL NO.
R56-1010



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



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 PIVOT BRACKETS

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

B

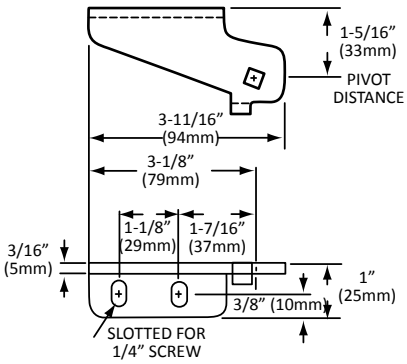
- VERTICAL AND HORIZONTAL BRACKETS ACCOMMODATE VARIOUS CONSTRUCTION REQUIREMENTS
- BOTH ASSEMBLIES PROVIDE PERFECT OPERATION USING A PIVOT DISTANCE OF 1-15/16" (33mm)
CARTRIDGE AND PIVOT GUIDE INSTALLATION IS SIMPLE, REQUIRING A 7/8" (22mm) SQUARE OPENING IN BOTH TOP AND BOTTOM OF DOOR
- BRACKETS AND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

HORIZONTAL CARTRIDGE BRACKETS

WITH VERTICAL MOUNTING HOLES

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

MODEL NO. R56-5011
LEFT HAND (OPPOSITE)

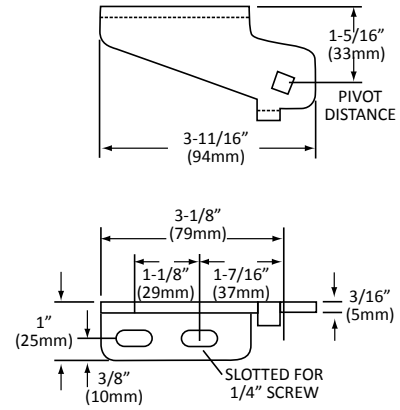


HORIZONTAL CARTRIDGE BRACKETS

WITH HORIZONTAL MOUNTING HOLES

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

MODEL NO. R56-5017
LEFT HAND (OPPOSITE)

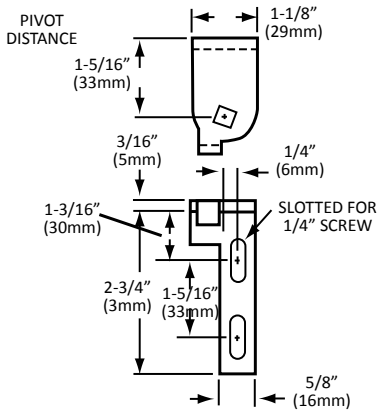


VERTICAL CARTRIDGE BRACKETS

WITH VERTICAL MOUNTING HOLES

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

MODEL NO. R56-6011
LEFT HAND (OPPOSITE)



CONCEALED PIVOT BRACKETS

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

B

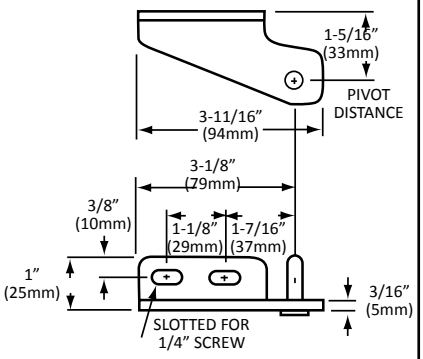
- VERTICAL AND HORIZONTAL BRACKETS ACCOMMODATE VARIOUS CONSTRUCTION REQUIREMENTS
- BOTH ASSEMBLIES PROVIDE PERFECT OPERATION USING A PIVOT DISTANCE OF 1-15/16" (33mm) CARTRIDGE AND PIVOT GUIDE INSTALLATION IS SIMPLE, REQUIRING A 7/8" (22mm) SQUARE OPENING IN BOTH TOP AND BOTTOM OF DOOR
- BRACKETS AND 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)

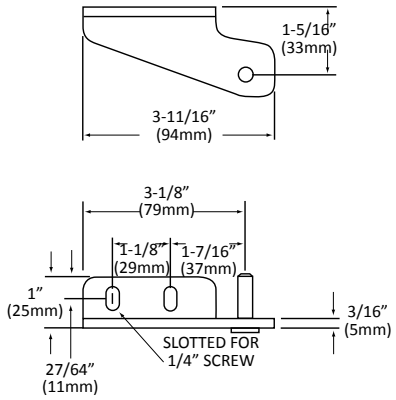


HORIZONTAL PIVOT BRACKETS

WITH VERTICAL MOUNTING HOLES

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

MODEL NO. R56-7015
LEFT HAND (OPPOSITE)

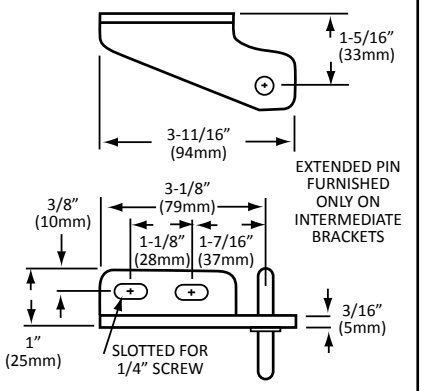


HORIZONTAL INTERMEDIATE PIVOT BRACKETS

WITH HORIZONTAL MOUNTING HOLES

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

MODEL NO. R56-7041
LEFT HAND (OPPOSITE)



B

CONCEALED PIVOT BRACKETS

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

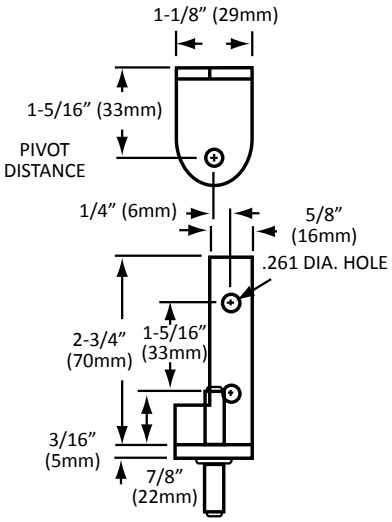
- VERTICAL AND HORIZONTAL BRACKETS ACCOMMODATE VARIOUS CONSTRUCTION REQUIREMENTS
- BOTH ASSEMBLIES PROVIDE PERFECT OPERATION USING A PIVOT DISTANCE OF 1-15/16" (33mm)
CARTRIDGE AND PIVOT GUIDE INSTALLATION IS SIMPLE, REQUIRING A 7/8" (22mm) SQUARE OPENING IN BOTH TOP AND BOTTOM OF DOOR
- BRACKETS AND 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)



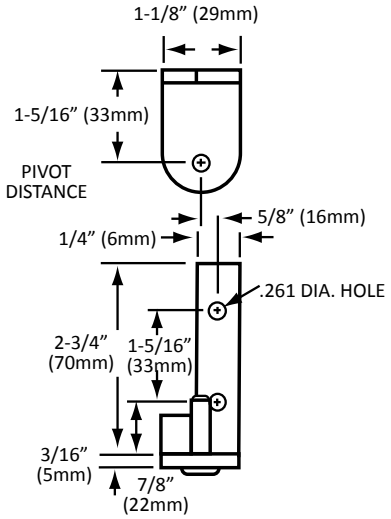
EXTENDED PIN FURNISHED ONLY ON INTERMEDIATE BRACKETS

VERTICAL PIVOT BRACKETS

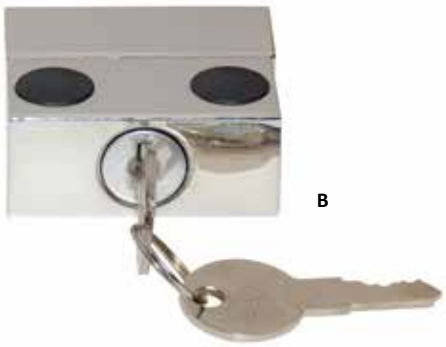
WITH ROUND MOUNTING HOLES

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

MODEL NO. R56-8011
LEFT HAND (OPPOSITE)



A



B

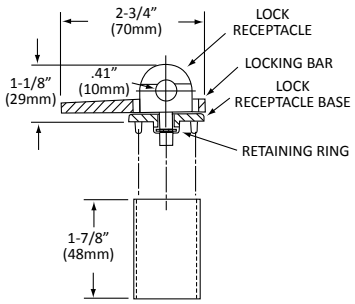
REF. A

PADLOCK HASP ASSEMBLY FOR SINGLE DOOR

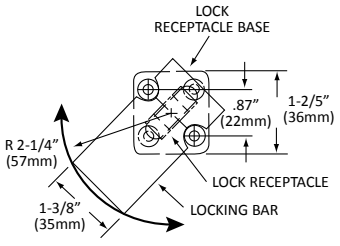
- HEAVY DUTY BRASS CHROME PLATED CONSTRUCTION
- TAMPERPROOF, ALL MOUNTING SCREWS CONCEALED
- REVERSIBLE DESIGN

MODEL NO.
R99-1200

PADLOCK HASP ASSEMBLY
1-7/8" OFFSET / SINGLE DOOR



TOP VIEW
SINGLE DOOR



MOUNTING HOLES TO SUIT #10
FLATHEAD SCREWS (4 REQUIRED) NOT SUPPLIED

REPLACES* DENT #D-112
WITH COMPONENT HARDWARE QUALITY HARDWARE

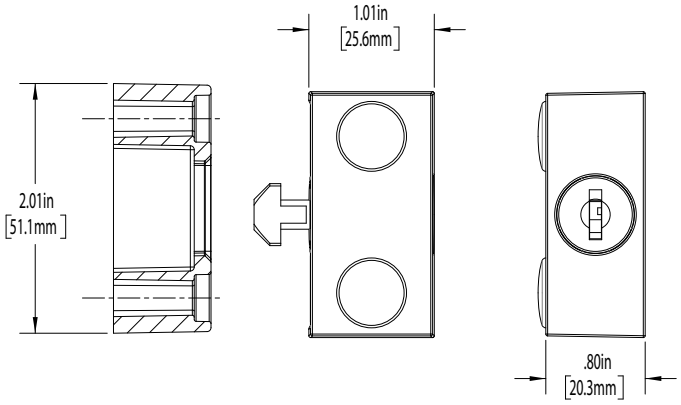
REF. B

SECURITY LOCK

- HIGH POLISH CHROME FINISH
- EASY INSTALLATION
- VERTICAL AND HORIZONTAL ADJUSTMENTS
- FOUR-DISC CYLINDER PROVIDES EXTRA SECURITY
- BLACK PLASTIC CAPS INCLUDED
- COMPATIBLE WITH GLASS AND MOST OTHER DOORS

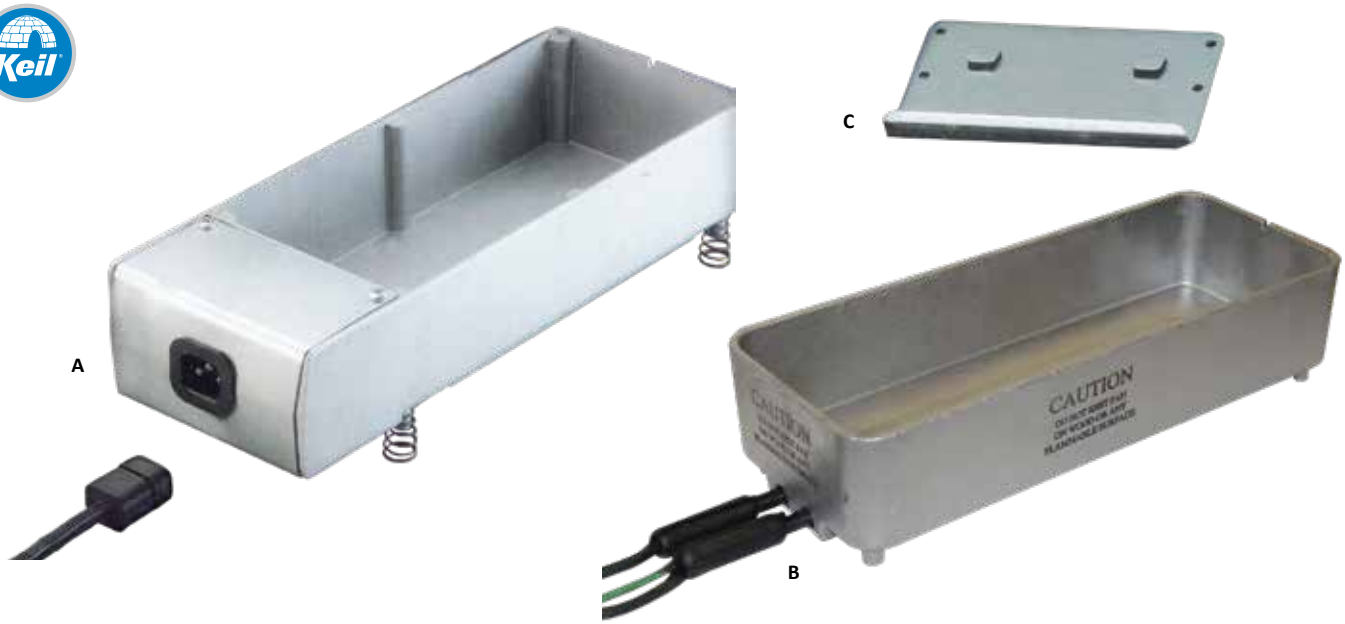
MODEL NO.
P99-100SL-01

SECURITY LOCK



REQUIRES US STANDARD #8 STYLE SCREW

B



REF. A

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)
T12-0372-CE		160	230	50 oz (1479ml)	3 oz (90ml)
T12-0372-CE48		160	230	50 oz (1479ml)	3 oz (90ml)
T12-0372-CE84		160	230	50 oz (1479ml)	3 oz (90ml)
T12-5200-CE		300	230	50 oz (1479ml)	5.75 oz (170ml)
T12-5200-CE48		300	230	50 oz (1479ml)	5.75 oz (170ml)
T12-5200-CE84		300	230	50 oz (1479ml)	5.75 oz (170ml)

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

CERTIFIED FILE #LR85668

FILE NO. SA7009

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

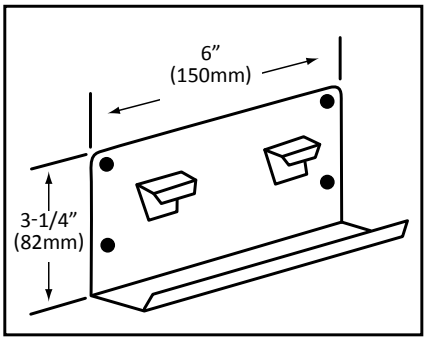
MODEL NO. T10-3351
(160 WATTS, 117 VOLTS)

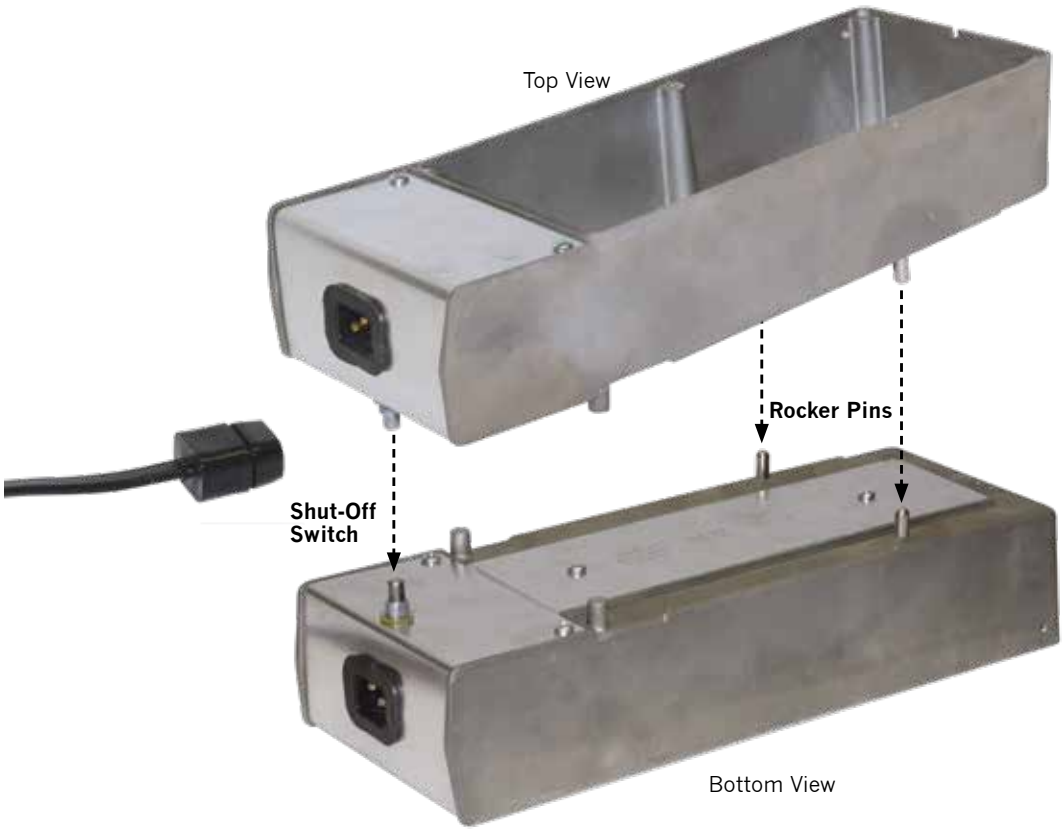
SPECIFICATIONS:

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

MODEL NO. T12-3390





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)

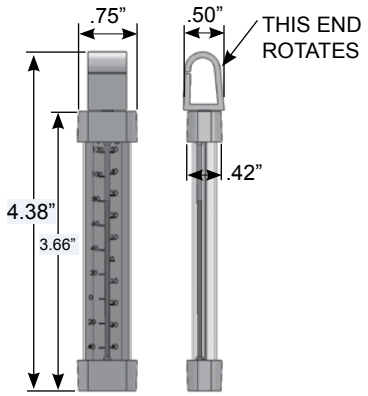
U.L. MODEL NO.	WATTAGE	VOLTAGE	CAPACITY	EVAPORATOR rate/hr.
T12-0370-P	160W	117V	50 oz (1479ml)	3 oz (90ml)
T12-0372-P	160W	220V	50 oz (1479ml)	3 oz (90ml)
T12-5000-P	300W	117V	50 oz (1479ml)	5.75 oz (170ml)
T12-5200-P	300W	220V	50 oz (1479ml)	5.75 oz (170ml)

FILE NO. SA7009

B

REFRIGERATOR / FREEZER THERMOMETERS

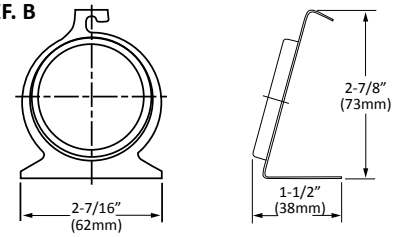
REF. A



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

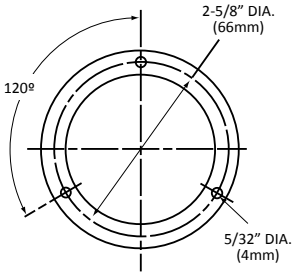
REF. B

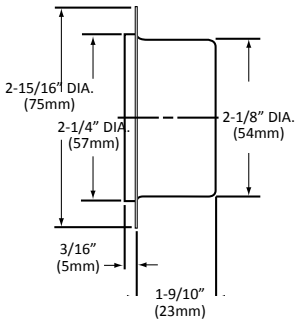


REFRIGERATOR / FREEZER THERMOMETER MODEL NO. T90-25HP

- STAINLESS STEEL FRAME AND BEZEL
- 2" (51mm) DIA. ROUND FACE • CAN HANG OR STAND
- DIAL HAS FOOD ZONES AND 2°F INCREMENTS
- DUAL SCALE TEMPERATURE RANGE -20° TO 80°F (-30° TO 30°C)

REF. C

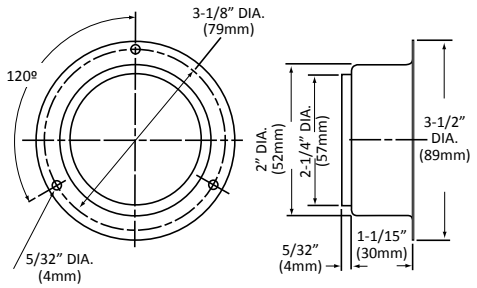




ELECTRONIC BATTERY PANEL MOUNT THERMOMETER MODEL NO. T90-DM120

- STAINLESS STEEL FLUSH MOUNTING REMOTE SENSOR DIGITAL THERMOMETER.
- LARGE 1/2" (13mm) LCD DISPLAY
- 39" (1m) LONG SENSOR CORD
- 1.5 VOLT BATTERY INCLUDED
- TEMPERATURE RANGE -40° TO 120°F

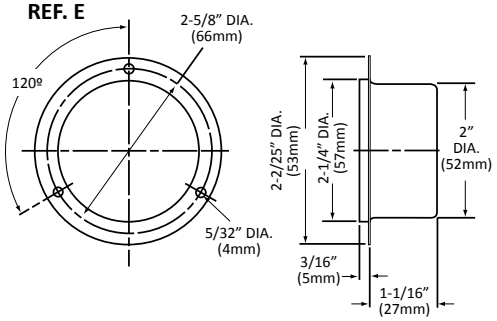
REF. D



SURFACE MOUNT THERMOMETER MODEL NO. T90-6812

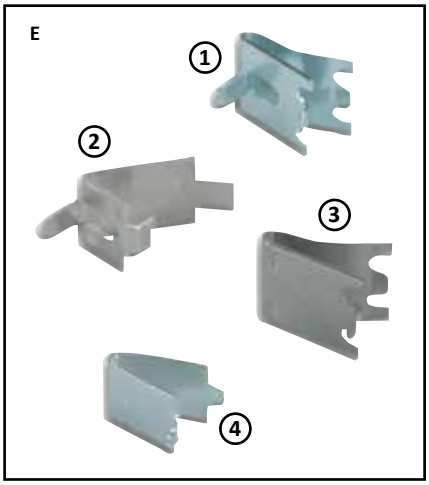
- DUAL SCALE TEMPERATURE RANGE -40° TO 65°F (-40° TO 20°C) • STAINLESS STEEL HOUSING
- 2" DIAL - 3-1/2" FLANGE • RECALIBRATEABLE
- ACCURACY + 2% • 48" CAPILLARY

REF. E



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



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

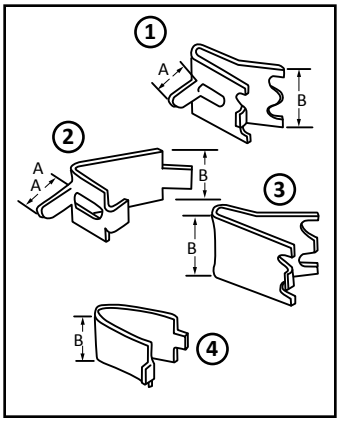
MODEL NO. T34-1010

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)



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 (-45C°)
- 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

1 gal (3.7 lit) CONTAINER
MODEL NO. Q77-1240

5 gal (19 lit) CONTAINER
MODEL NO. Q77-1250

53 gal (200 lit) CONTAINER
MODEL NO. Q77-1260

REF. B

THERMAL MASTIC CAULKER
10.3 oz (305ml) CAULKING GUN
MODEL NO. Q99-1000

REF. C

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

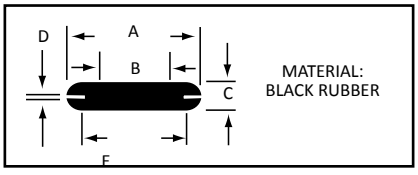
MATERIAL: BLACK PVC
REQUIRES A 1-5/8” (41mm) CLEARANCE HOLE

REF. D

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)

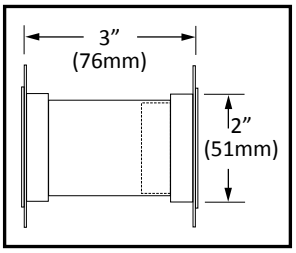


MICRO-MINI VENT PORT™

PRESSURE RELIEF PORTS FOR REACH-IN COOLERS AND FREEZERS

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.

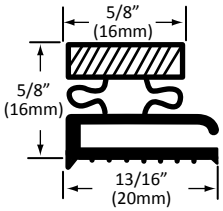


COMPLETE

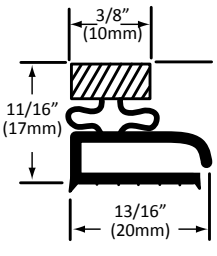
MAGNETIC GASKET FRAMES

WITH WELDED CORNERS

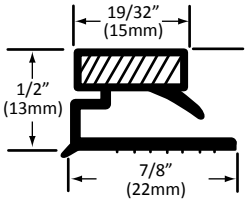
- DURABLE GRAY PVC
- CUSTOM MADE SIZES • NO TOOLING CHARGES
- ECONOMICAL - NO WASTE
- AVAILABLE IN THREE INDUSTRY STANDARD PROFILES



MODEL NO. 6449

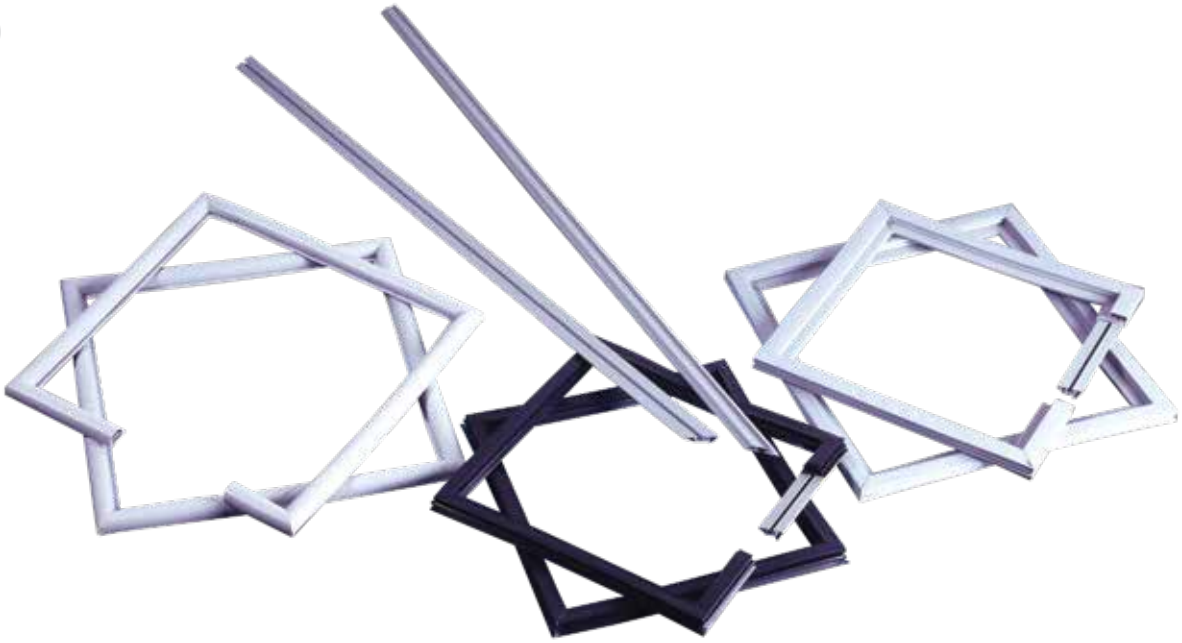


MODEL NO. 5270



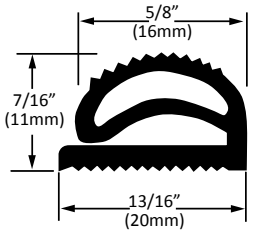
MODEL NO. 1094

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



WHEN ORDERING
COMPRESSION GASKET FRAMES
SPECIFY

MODEL NO. 5804*
AND EXACT OUTSIDE DIMENSIONS

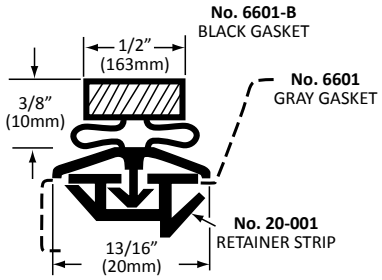
MINIMUM ORDER...
25 FRAMES PER SIZE

***UTILIZES T42-3330 GASKET**

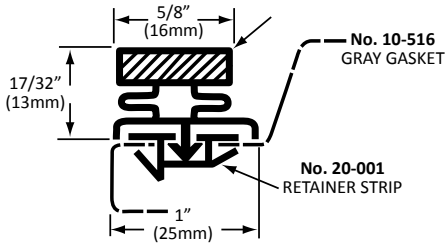
SNAP-IN REMOVABLE
MAGNETIC GASKET FRAMES
and RETAINER STRIP

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

FURNISHED AS COMLPETE GASKET FRAMES WITH WELDED CORNERS

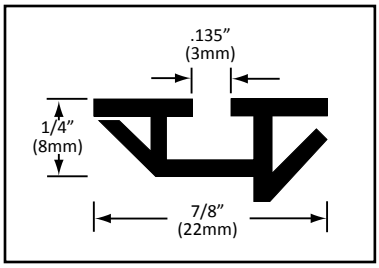


MODEL NO. 6601-B & 6601
ARE SINGLE DUROMETER GASKET



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 AVAILBLE UPON REQUEST.



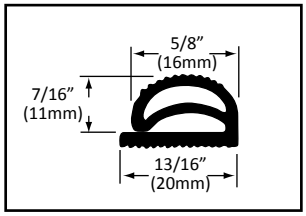
WHEN ORDERING
RETAINER STRIPS SPECIFY

MODEL NO. 20-001
AND LENGTH REQUIRED

GRAY PVC
COMPRESSION GASKET

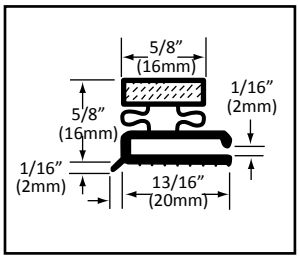
• GREASE RESISTANT • EASY TO CLEAN
• DURABLE - NO WASTE

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)

FLAT
BREAKER STRIP

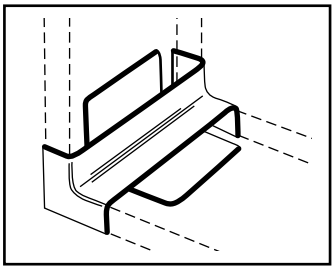
• MATTE GRAY ABS - MAR FREE
• PAPER MASKED ONE SIDE
• WILL NOT ABSORB ODORS
• USDA and FDA APPROVED

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

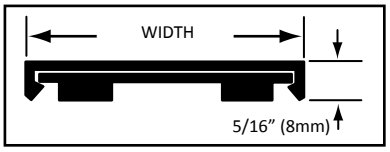


MODEL NO. T55-0598
COLOR: GRAY
TO MATCH BREAKER STRIP

EXTRUDED...SNAP-ON
BREAKER STRIP

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

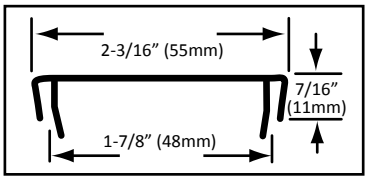
TWO-PIECE SNAP-ON BREAKER STRIP
BOTTOM STRIP HAS 1/8" (3mm) DIA.
COUNTERSUNK HOLES EVERY 6" (152mm).
ALLOWS FOR FASTENING WITH COUNTERSUNK
SCREWS OR STANDARD POP-RIVETS. TOP STRIP
SNAPS IN PLACE CONCEALING ALL FASTENERS.



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

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

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

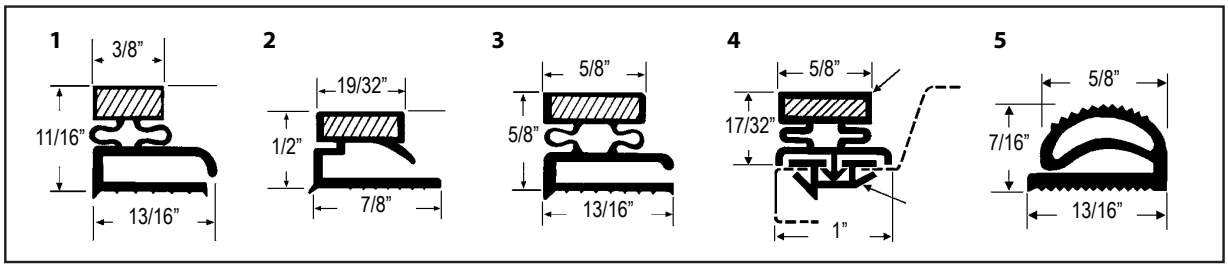
Order Form For Custom Made Gasket Frames

B

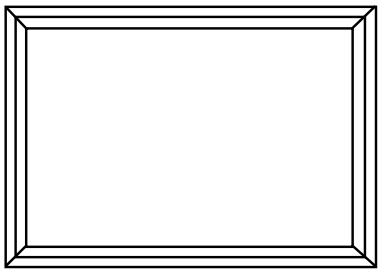
INSTRUCTIONS: Use this order form for all custom made gaskets.
Fill out the exact specifications and mail or fax it to us.
PLEASE NOTE: Custom made items are not returnable.

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_____

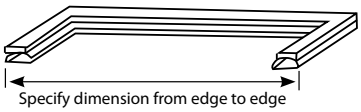


SPECIFY HEIGHT_____

NUMBER OF SIDES
3 4

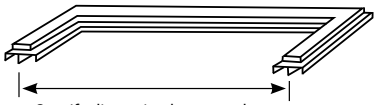
MEASURING A GASKET FRAME:

STANDARD FRAMES



Specify dimension from edge to edge

SNAP-IN FRAMES



Specify dimension between darts

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 140º-185ºF (60º-85ºC) 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 _____ **PHONE NO.** _____
ADDRESS _____ **P.O. NO.** _____ **DATE** _____
_____ **AUTHORIZED BY** _____

Component Hardware Group, Inc.
1890 Swarthmore Avenue, PO Box 2020, Lakewood, NJ 08701 • Tel. 800-526-3694 • 732-363-4700 • Fax 732-364-8110

CUSTOM MADE
STANDARD and HEAVY DUTY

WIRE SHELVES

Available in

- **STAINLESS STEEL**
- **CHROME PLATED STEEL**
- **NICKEL PLATED STEEL**
- **ZINC PLATED STEEL**
- **EPOXY COATED STEEL**

INSTRUCTIONS: COPY THIS FORM AND USE TO ORDER ALL CUSTOM MADE WIRE SHELVES.
FILL IN THE REQUIRED SPECIFICATIONS AND MAIL OR FAX THE FORM TO US.

PLEASE NOTE: CUSTOM MADE ITEMS ARE NOT RETURNABLE.

SELECTION CHART

INDICATE QUANTITY REQUIRED FOR SPECIFIC MODEL

STANDARD DUTY WIRE SHELVES

FRAME AND CROSSBAR SUPPORT: 5/16" DIA. WIRE
CROSS WIRES: 1/8" DIA, ON 3/4" SPACING

QTY	MODEL NO.	MATERIAL
_____	**T50-4501**	ZINC PLATED STEEL
_____	**T50-4502**	NICKEL PLATED STEEL
_____	**T50-4503**	CHROME PLATED STEEL
_____	**T50-4504**	EPOXY COATED STEEL Circle: Grey, Green, White or Chrome
_____	**T50-4505**	STAINLESS STEEL

HEAVY DUTY WIRE SHELVES

FRAME AND CROSSBAR SUPPORT: 3/8" DIA. WIRE
CROSS WIRES: 3/16" DIA. ON 3/4" SPACING

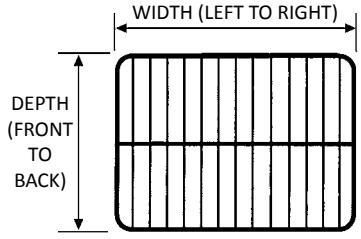
QTY	MODEL NO.	MATERIAL
_____	**T50-5501**	ZINC PLATED STEEL
_____	**T50-5502**	NICKEL PLATED STEEL
_____	**T50-5503**	CHROME PLATED STEEL
_____	**T50-5504**	EPOXY COATED STEEL Circle: Grey, Green, White or Chrome
_____	**T50-5505**	STAINLESS STEEL

SIZE REQUIREMENTS

INDICATE OVERALL WIDTH AND DEPTH

SPECIFY WIDTH _____ (LEFT TO RIGHT)

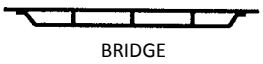
SPECIFY DEPTH _____ (FRONT TO BACK)

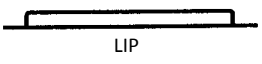


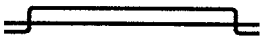
OPTIONS

PLEASE ATTACH A DETAILED DRAWING

- CUT OUTS...INDICATE LOCATION, SHAPE AND SIZE
- 1/2" OR 1" CROSSWIRE SPACING
- EXTRA SUPPORT BAR


BRIDGE


LIP


BACK STOP

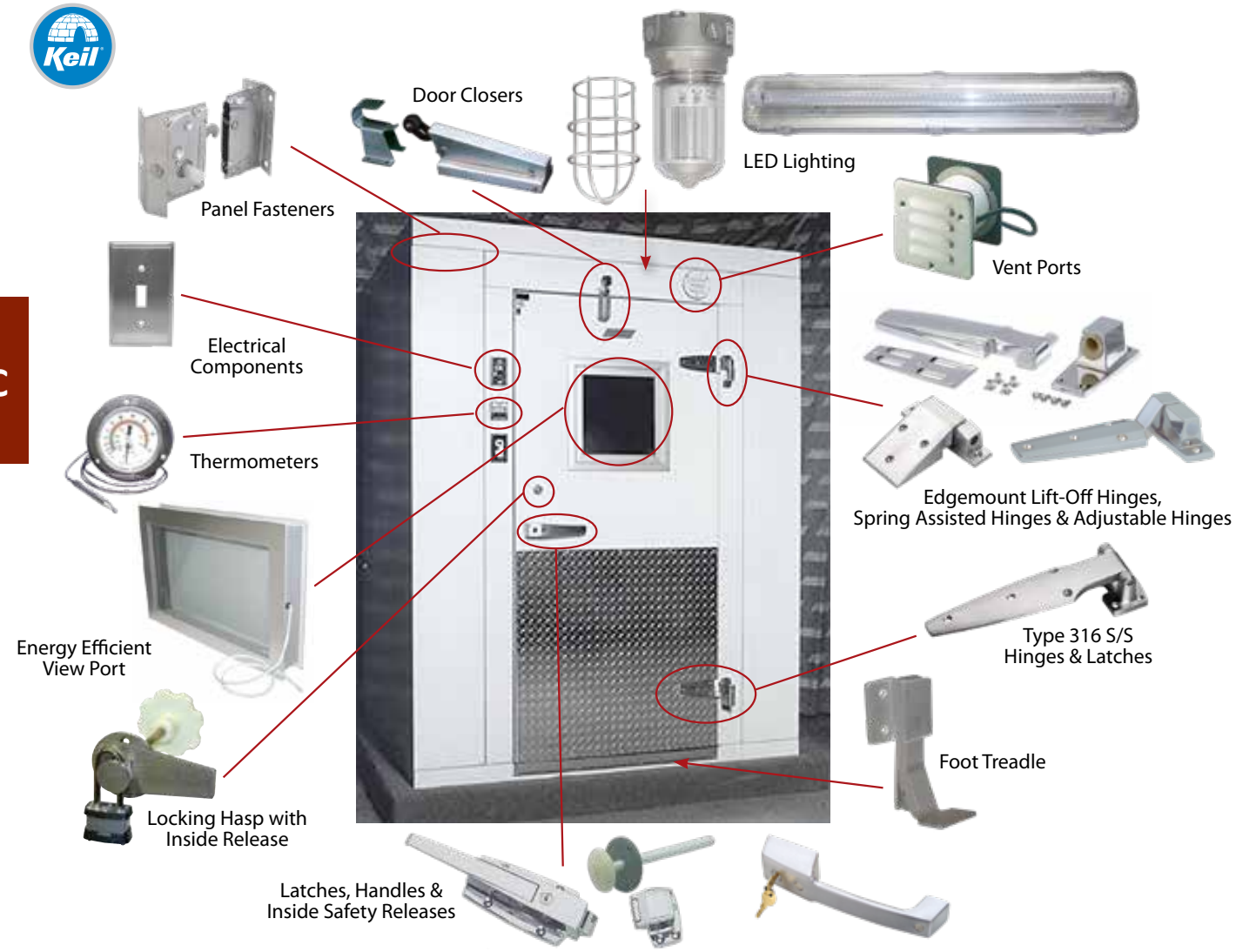
BALL FEET 3/8" DIA.

EXTENSION

COMPANY NAME _____ **PHONE NO.** _____
ADDRESS _____ **P.O. NO.** _____ **DATE** _____
_____ **AUTHORIZED BY** _____

Component Hardware Group, Inc.
1890 Swarthmore Avenue, PO Box 2020, Lakewood, NJ 08701 • Tel. 800-526-3694 • 732-363-4700 • Fax 732-364-8110

WALK-IN REFRIGERATION



HINGE SELECTOR GUIDE & CHART	C69
WALK-IN COOLER DOOR PULL HANDLES	C70
WALK-IN COOLER DOOR SAFETY LATCHES	C71
HEAVY-DUTY WALK-IN DOOR SAFETY LATCHES	C72
INSIDE SAFETY RELEASES	C73-C74
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SOLID STAINLESS STEEL INVESTMENT CAST LATCHES	C76
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POWER SPRING CONVERSION CARTRIDGE KIT	C79
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PRESSURE RELIEF MPORT FOR ROUND CUT OUT	C88
WINDOW VIEW PORT	C89
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RIGID RAIL PANEL FASTENERS	C94-C95
ACCESORIES FOR WALK-IN REFRIGERATION & FREEZERS	C96

For Lighting Components, please see Lighting & Electrical on pages D97- D115

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.

HOW TO USE THIS CHART

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 E
Hinge Groups D-J Shown in WALK-IN, Section EE

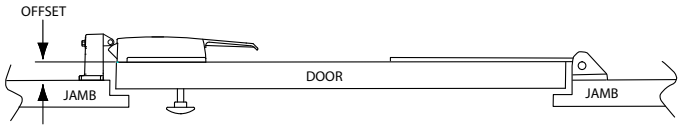
COMPONENT HARDWARE HINGE GROUPS

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
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

C

HOW TO DETERMINE OFFSET FOR HINGES AND LATCHES

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



LOAD CHART

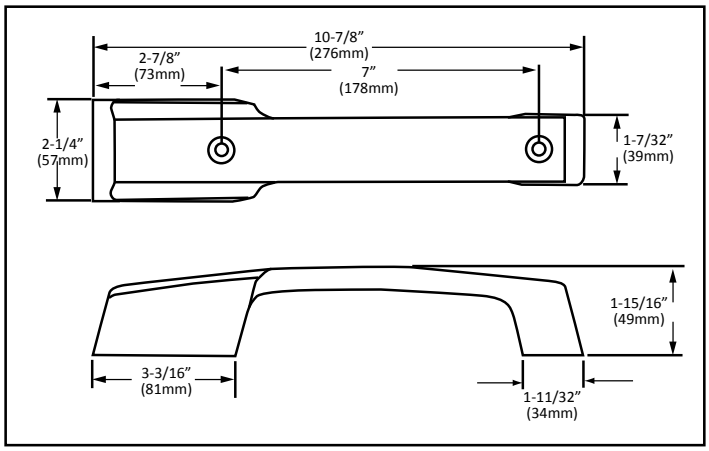
DOOR WEIGHTS kg.	DOOR WEIGHTS lb.																					
226.8	500	D	D	E	F	F	F	G	G	G	G	H	H	H	H	H	H	H	J	J	J	J
217.7	480	D	D	E	F	F	F	G	G	G	G	H	H	H	H	H	H	H	J	J	J	J
208.6	460	D	D	E	E	F	F	F	G	G	G	G	H	H	H	H	H	H	H	J	J	J
199.5	440	D	D	D	E	F	F	F	G	G	G	G	G	H	H	H	H	H	H	H	J	J
190.5	420	D	D	D	E	F	F	F	F	G	G	G	G	H	H	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

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

C

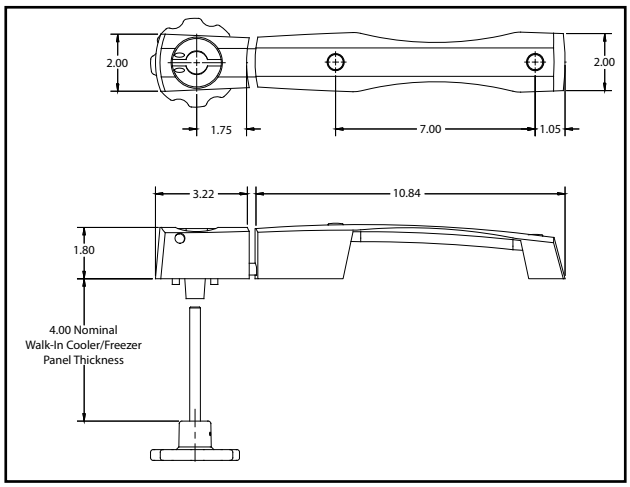
MODEL NO.	DESCRIPTION	FINISH
W29-1000X	Without Cylinder	Satin Chrome
W29-2000 (not shown)	Without Cylinder	Polished Chrome



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

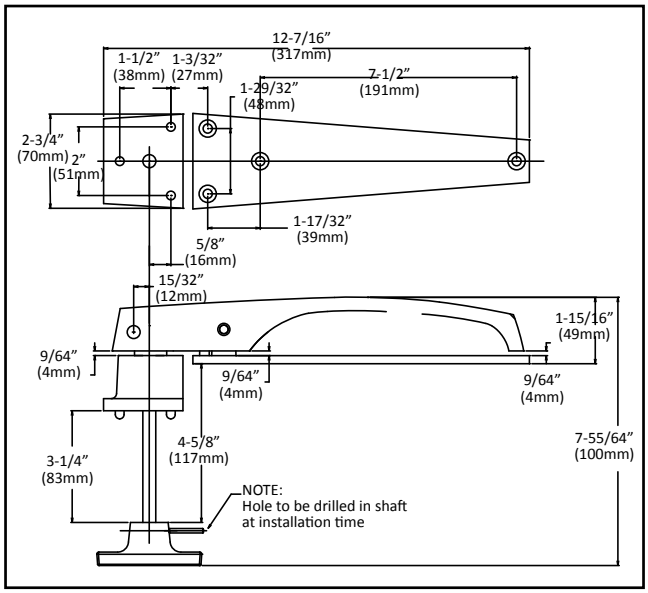
MODEL NO.	DESCRIPTION	FINISH
W30-1000	No Cylinder Lock	Satin Chrome
W30-1000-L	Without Cylinder Lock	
W30-2000	No Cylinder Lock	Polished Chrome
W30-2000-L	With Cylinder Lock	



W31 SERIES
MAGNETIC DOOR BREAKER-ACTION HANDLE

- For Refrigeration Doors with Magnetic Gaskets
- Aluminum Sand Cast Construction
- Breaker Action Promotes Easy Door Opening
- Satin Finish
- Accepts Padlock
- Complete with Inside Safety Release
- For Doors with 1-3/8" (35mm) Offset
- Inside Release Designed for 4-5/8" (117mm) Door Thickness*
  * Other lengths available on application

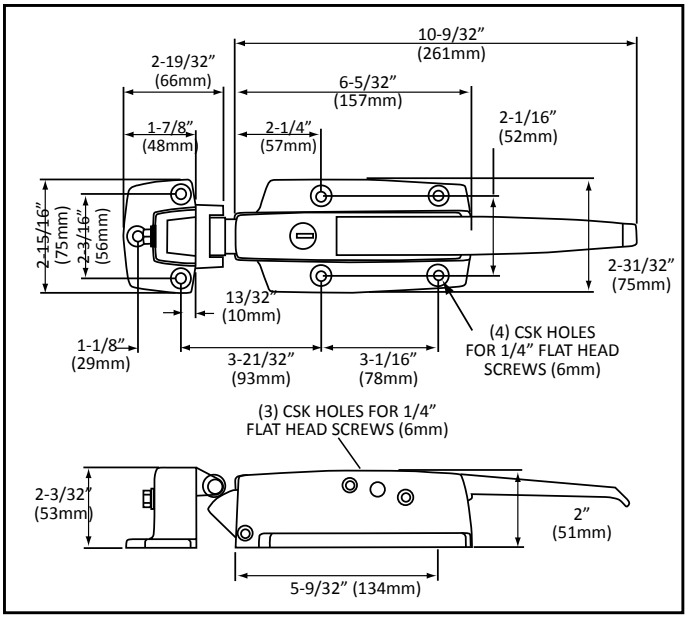
MODEL NO. W31-1000X



REPLACES* STANDARD KEIL (#2820 & 9180) AND DENT (D-83)
WITH COMPONENT HARDWARE QUALITY HARDWARE

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.

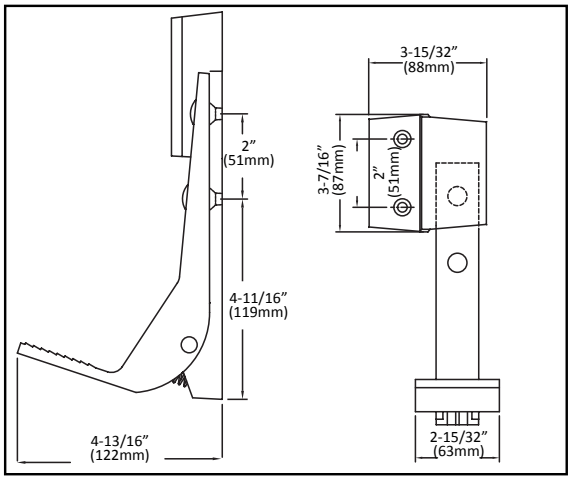
EASY LIFT HANDLE... user friendly requires minimal hand pressure to completely retract bolt from strike. Low 1-1/2"(38mm) handle rise eliminates tugging and wrist twisting.

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

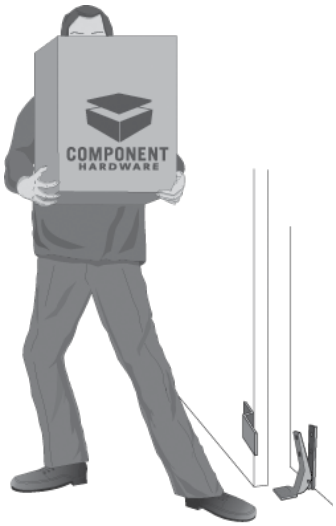
MODEL NO.	DESCRIPTION	FINISH	OFFSET
W19-1000	No Cylinder Lock	Polished Chrome	-1/8" TO 3/8" (-3mm TO 10mm)
W19-1000-C	With Cylinder Lock	Polished Chrome	
W19-1000-SN	No Cylinder Lock	Satin Chrome	
W19-1000-C-SN	With Cylinder Lock	Satin Chrome	
W19-1500	No Cylinder Lock	Polished Chrome	3/4" TO 1-5/8"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

C

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

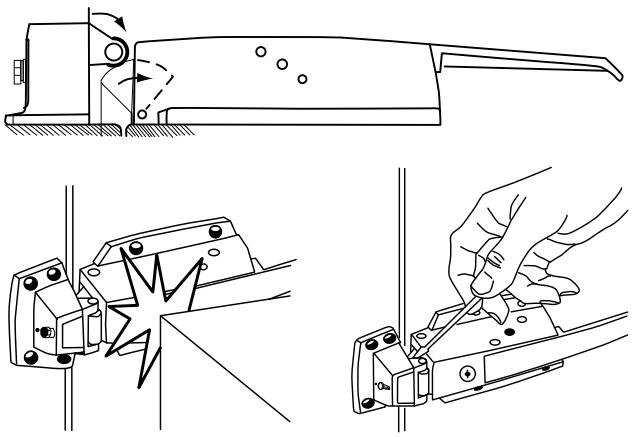
• AVAILABLE IN POLISHED CHROME OR SATIN CHROME FINISH

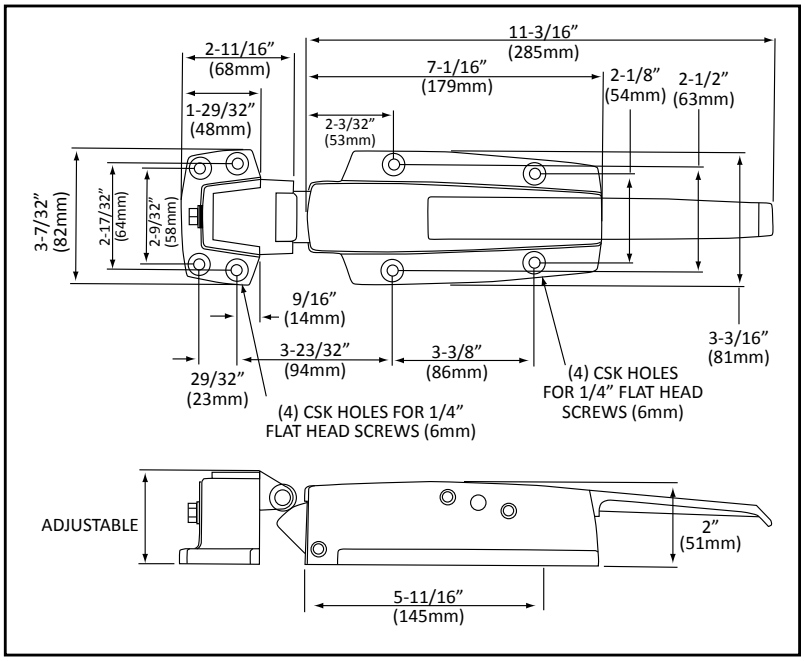
SUPER HEAVY-DUTY CONSTRUCTION... and large body profile latch is designed to withstand the most rigorous of commercial kitchen or cold room environments. Latch handle is produced of lifetime **SOLID FORGED BRASS** construction. All inner working parts and back plate are manufactured of solid stainless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

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

*NOTE: Non-stock item

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

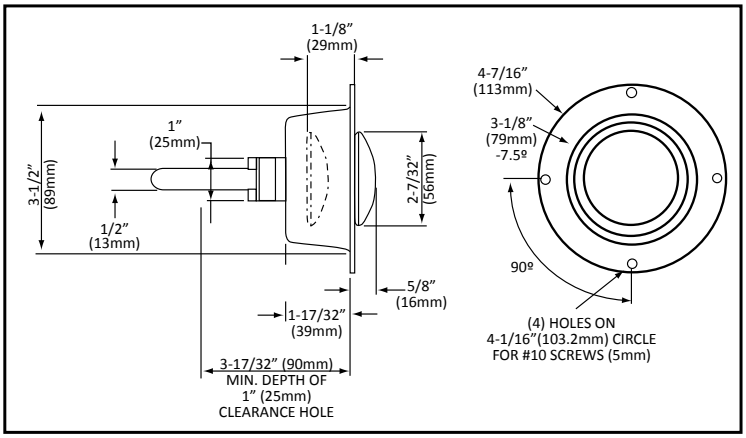




W28 SERIES INSIDE SAFETY RELEASES FOR RECESSED MOUNT

- **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

ADDITIONAL ROD SIZES FOR VARYING DOOR THICKNESSES AVAILABLE ON APPLICATION



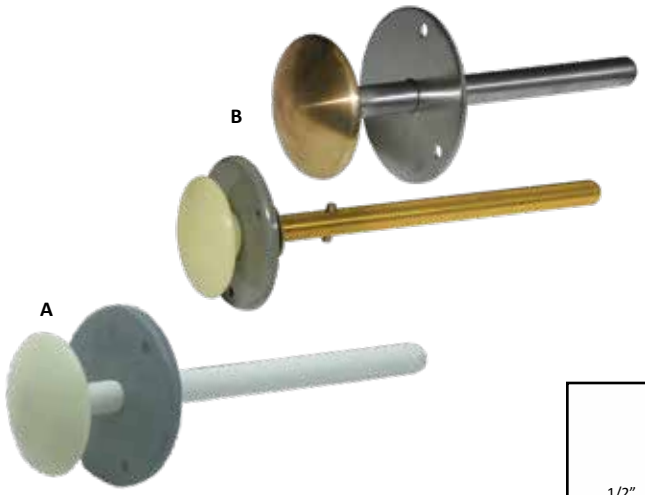
SPECIFICATIONS

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)

W28 SERIES INSIDE SAFETY RELEASES FOR SURFACE MOUNT



REF. B

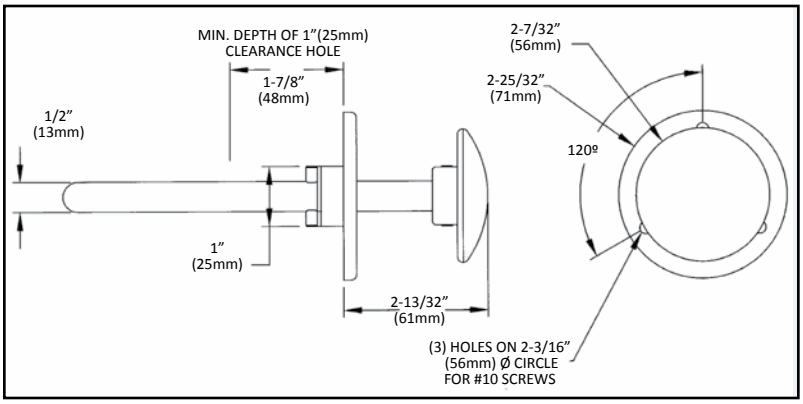
STAINLESS STEEL INSIDE RELEASES AND BRASS RODS (SPECIAL ORDER)

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

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)



PANIC BAR W/INSIDE SAFETY RELEASE

MODEL NO. W28-1000
FOR 3" DOOR

MODEL NO. W28-1200
FOR 4" DOOR

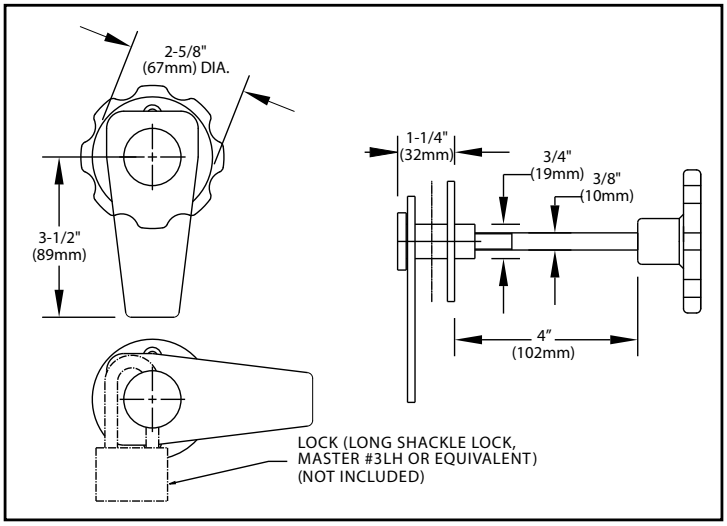
- Sturdy aluminum construction
- Glow-in-the-dark reflective strip
- For use with Component Hardware W19, W38 and W99 Series refrigeration safty latches
- Glow-in-the-dark reflective strip
- Reversable for left and right hand door applications
- Sturdy aluminum construction
- Supplied with stainless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

PADLOCK HASP WITH INSIDE SAFETY RELEASE

MODEL NO. W29-5000-4X

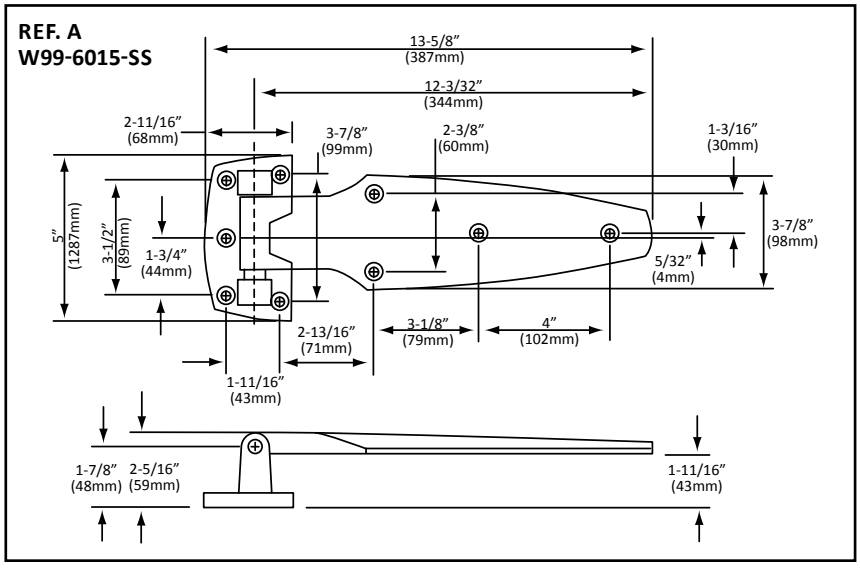
- For 4" (102mm) wall and flush door
- External parts are 300 series stainless steel with satin finish
- Plate can be locked in lock/open as well as locked/closed position
- Concealed mounting holes utilize #10 or #12 flat head screw
- Plastic glow in the dark inside release knob on solid brass rod

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

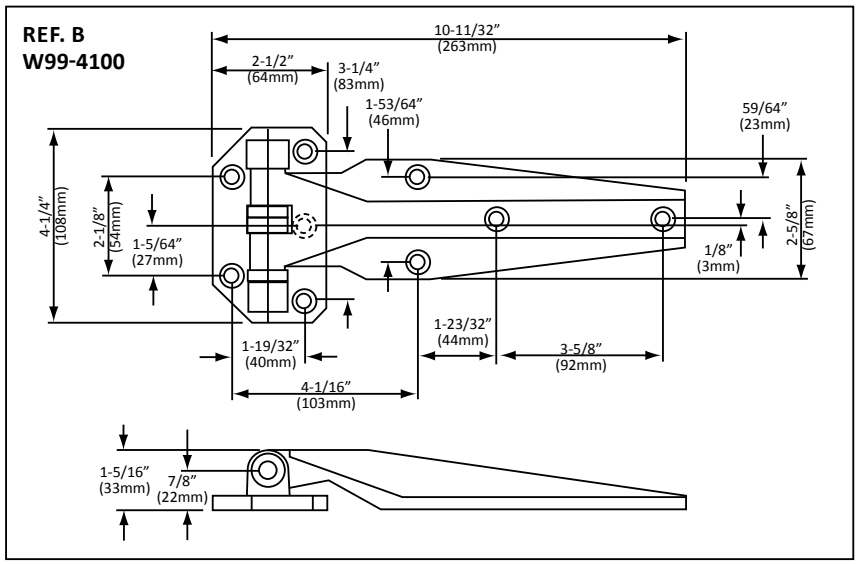


C

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



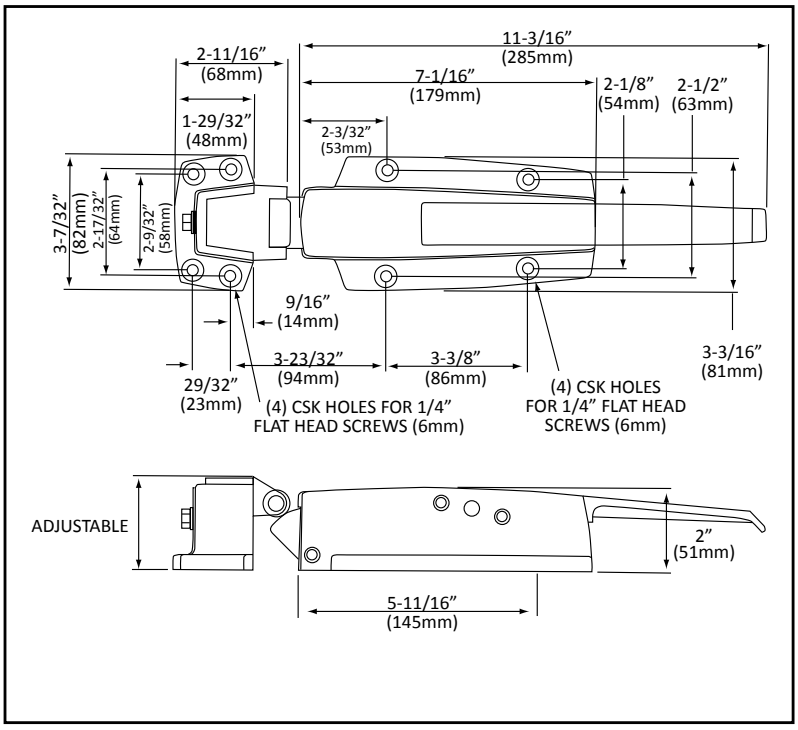
MODEL NO.	DESCRIPTION
W99-6015-SS	1-5/8" (41mm) Offset
W99-4100-SSRH	Right Hand Flush
W99-4100-SSLH	Left Hand Flush

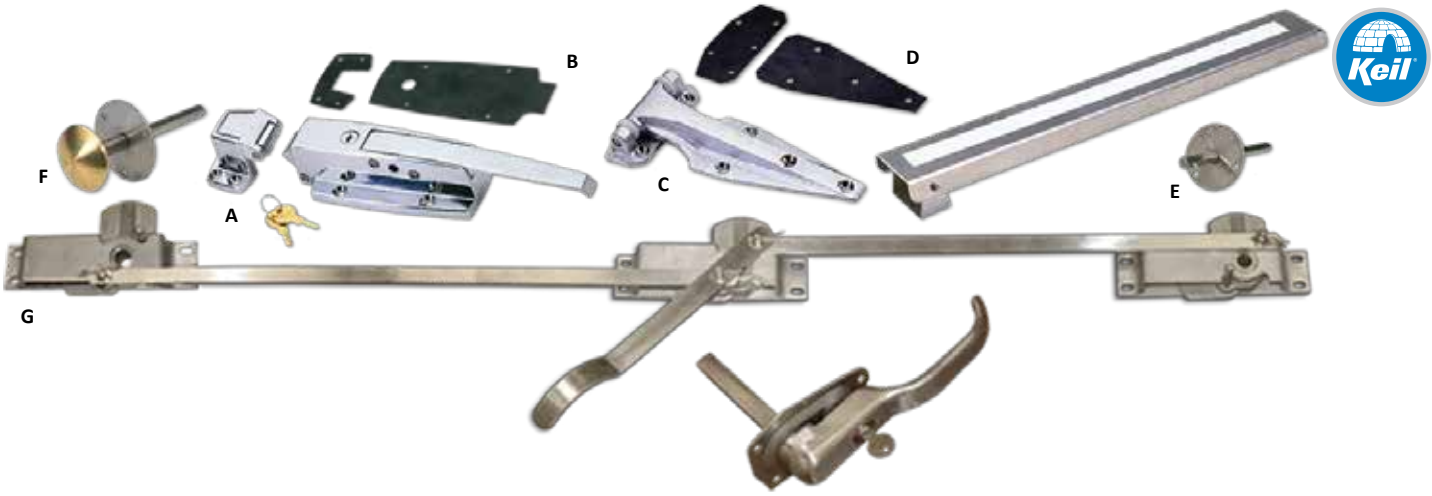
W99-4100 REPLACES DENT (D1P) WITH COMPONENT HARDWARE QUALITY HARDWARE

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





C

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
B	W99-0100-L	Latch 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
D	W99-0100-H	Hinge Gasket
E	W28-1000	Panic Bar W/Inside Release
F	W28-2300-SSX	Stainless Steel Inside Release For 3" (76 mm) Door Thickness
G	W37-3000-SS*	Stainless Steel Three Point Latch

*NOT NSF LISTED

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
W38-4216LSSGE	Walk-In Latch Kit Includes 2.43" Offset S/S Latch w/Cylinder Lock, Gasket Set & S/S 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 & durablilty

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

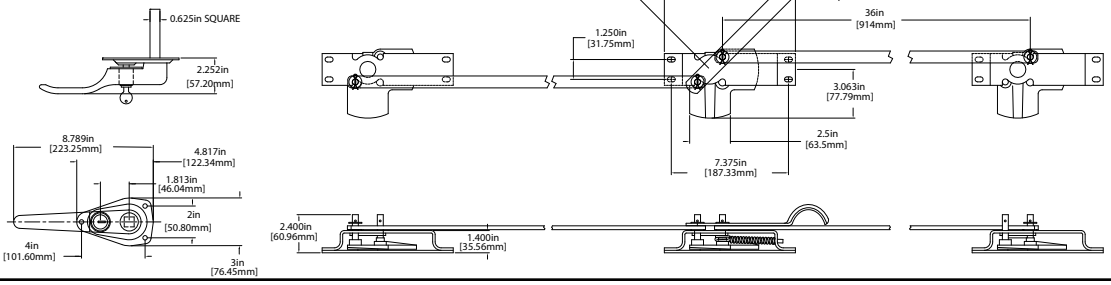
• For 3" (76 mm) door thickness • Additional sizes for varying door thicknesses available on application

W37-3000-SS STAINLESS STEEL THREE POINT LATCH

• Positive dead bolt locking • Holds door closed in 3 places– top, center & bottom to minimize leakage and save energy • Strongest latch made • Spring loaded over-center latching • Positive inside release mechanism

STAINLESS STEEL THREE POINT LATCH

MODEL NO. W37-3000-SS



W60 SERIES LIFT-OFF HINGE WITH CAM RISE ACTION

C

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.

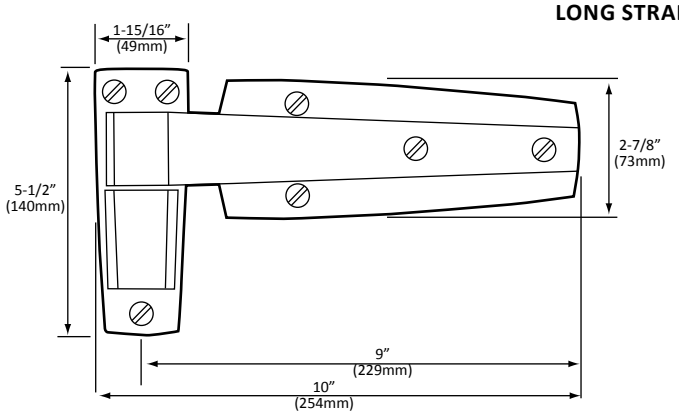
ALL TYPE CONSTRUCTION
This series is designed to meet the universal requirements of all types of cooler construction especially foam.

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

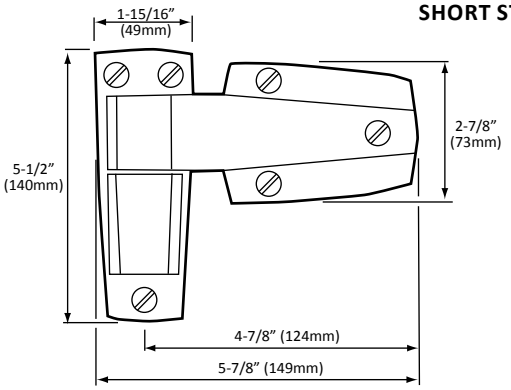
SPECIFICATIONS

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)

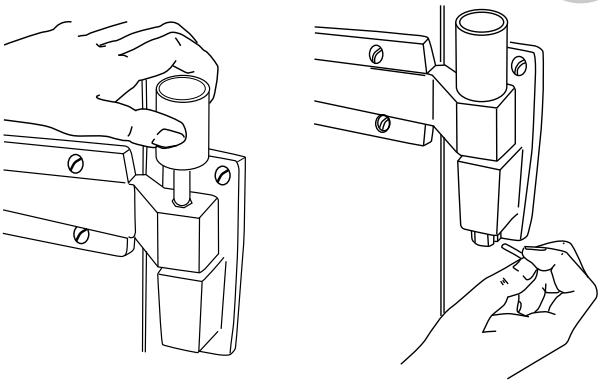
LONG STRAP



SHORT STRAP



EASY INSTALLATION



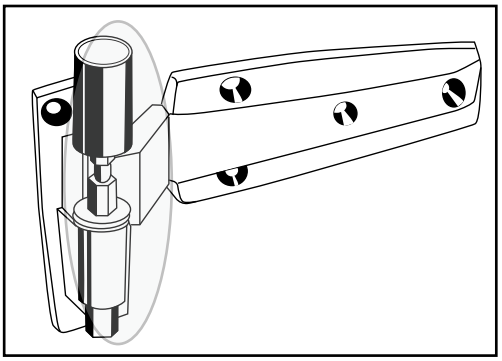
POWER SPRING CONVERSION CARTRIDGE KIT

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

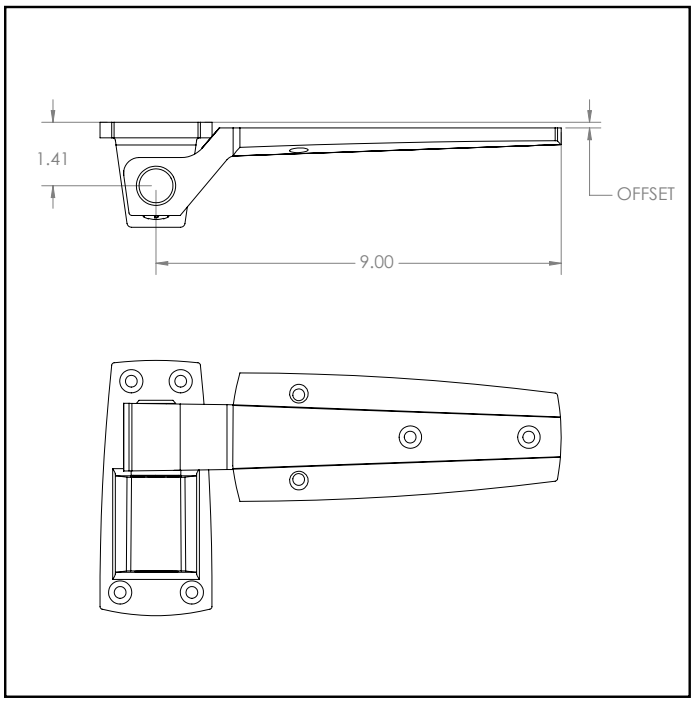


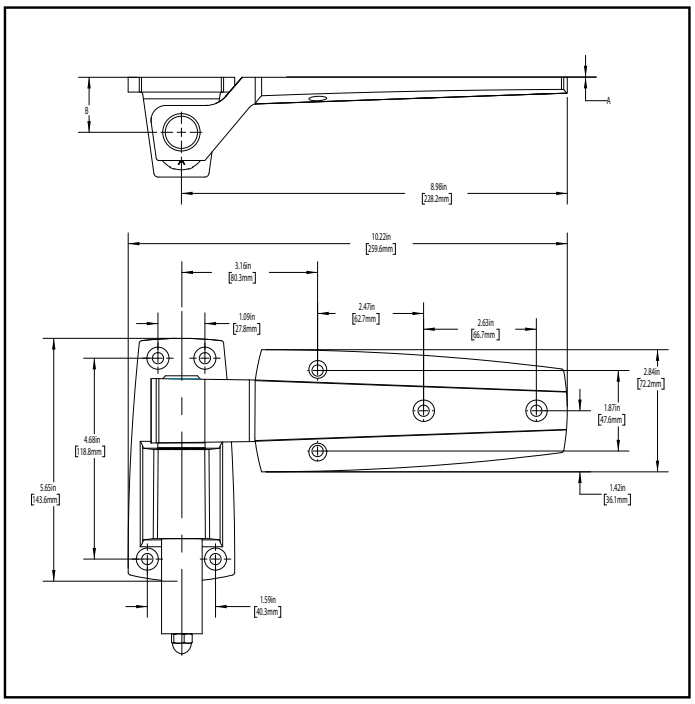
HEAVY-DUTY CAM-RISE HINGE

MODEL NO. W77-1375 1-3/8" Offset
MODEL NO. W77-1625 1-5/8" 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





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°

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

WITHOUT BUILT-IN SPRING		WITH BUILT-IN SPRING			
MODEL NO. POLISHED CHROME	MODEL NO. SATIN CHROME	MODEL NO. POLISHED CHROME	MODEL NO. SATIN CHROME	A	B
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)

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

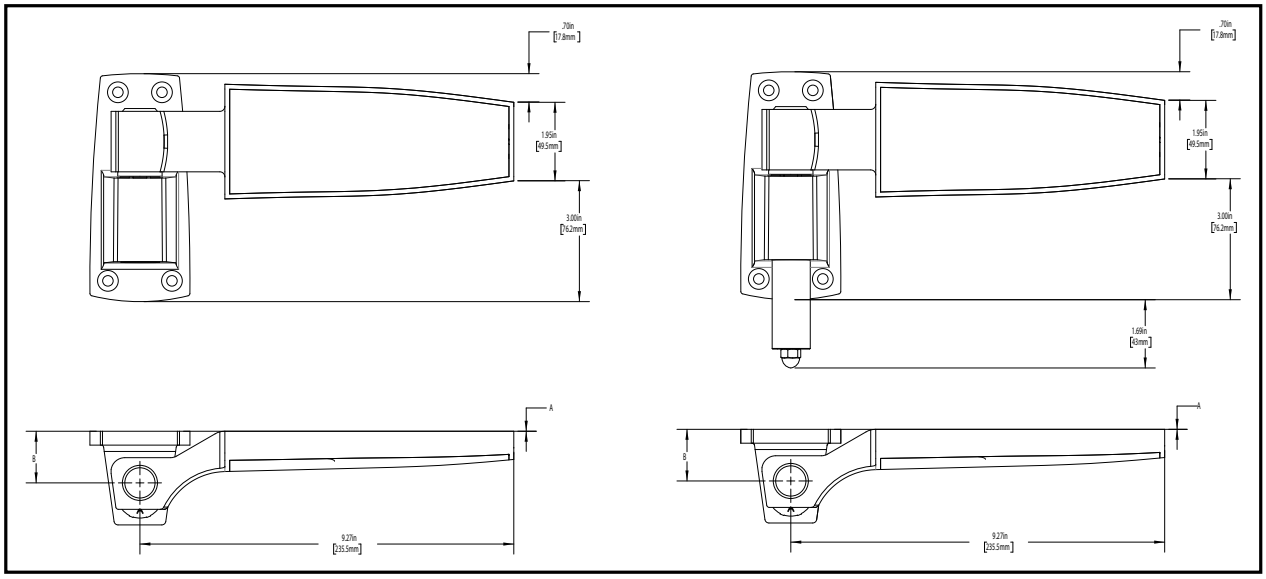
UNIQUE CAM ACTION

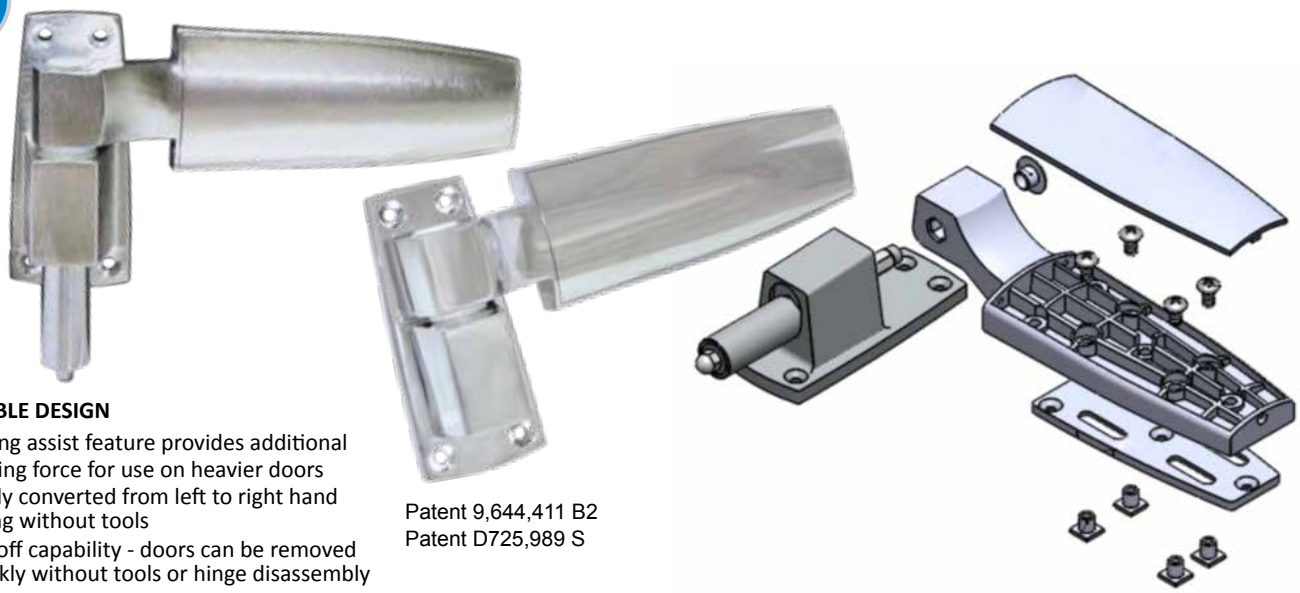
- Self-lubricating nylon and Delrin cam rise reduce door sweep gasket wear
- Provides constant overclose pressure against door gasket to ensure a positive seal
- Built-in hold open feature allows door to remain open at 140°
- Door automatically returns to a closed position if opened less than 140°

W58 SERIES - NON-ADJUSTABLE HINGEHEAVY 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.





Patent 9,644,411 B2
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
- 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

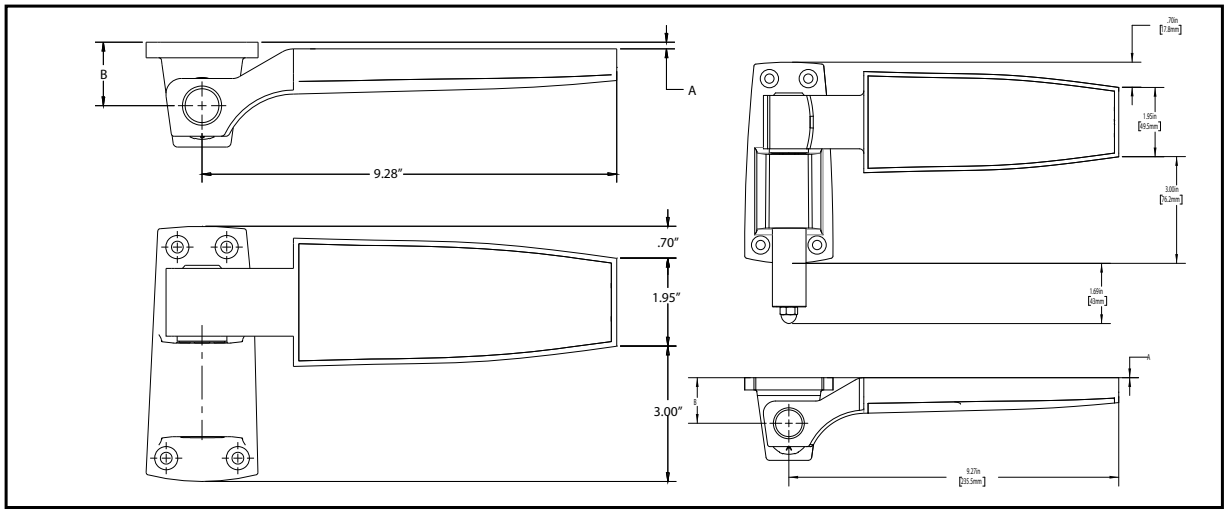
UNIQUE CAM ACTION

- 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°

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.



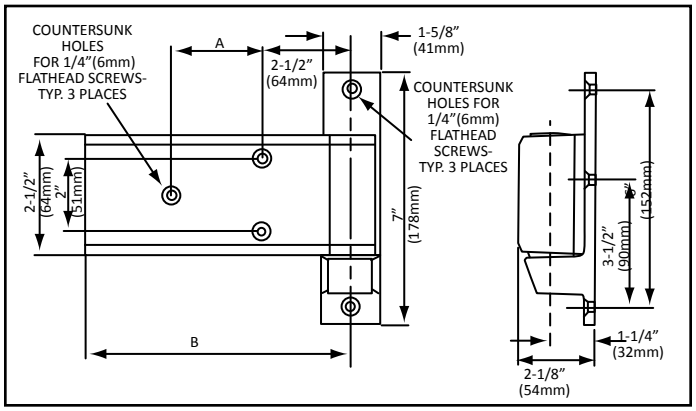
NSF COMPONENT

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
B	**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

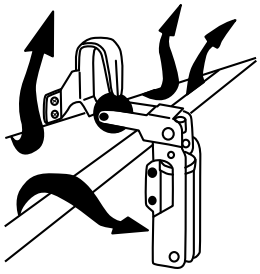
• RUGGED CONSTRUCTION
• DEPENDABLE ACTION
• CONTEMPORARY DESIGN
• ECONOMICAL

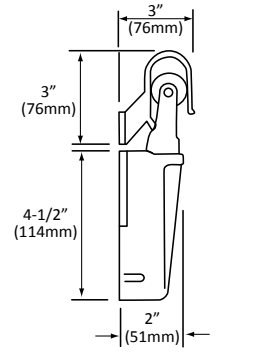
- Overcomes difficulties experienced in closing a refrigerator or freezer door against the air that compresses inside
- Actually pulls refrigerator or freezer door closed while allowing the compressed air in the unit to slowly escape, then holds door firmly closed to eliminate loss of refrigerated air
- 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

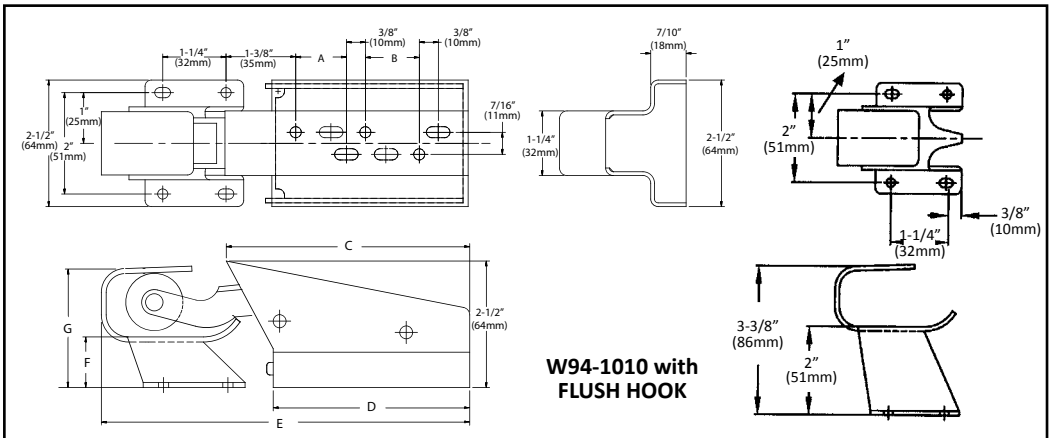




HEAVY-DUTY HYDRAULIC SNUGGER™

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

- 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



W94-1010 with FLUSH HOOK

1-3/8" OFFSET HOOK ASSEMBLY FOR USE WITH W94 SERIES DOOR CLOSER

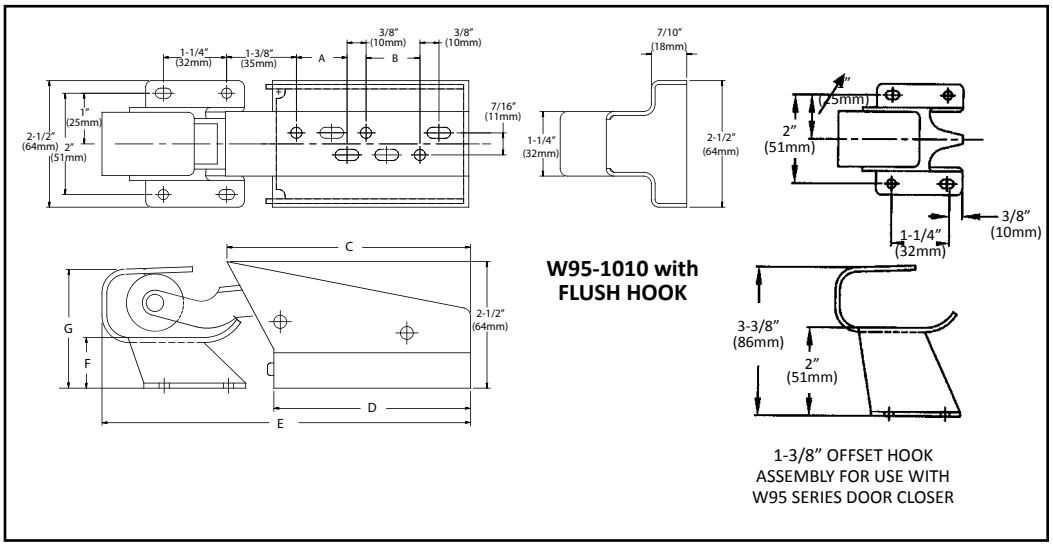
W94-1010/W94-2010

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)

HEAVY-DUTY SPRING ACTION CLOSE-MASTER™

MODEL NO. W95-1010 – Flush Offset, Stainless Steel
MODEL NO. W95-1020 – 1-1/8" (29mm) Offset, Stainless Steel
MODEL NO. W95-1030 – 1-3/8" (35mm) Offset, Stainless Steel
MODEL NO. W95-2010 – Flush Offset, Chrome Plated Steel
MODEL NO. W95-2020 – 1-1/8" (29mm) Offset, Chrome Plated Steel
MODEL NO. W95-2030 – 1-3/8" (35mm) Offset, Chrome Plated Steel

- 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 concesled 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 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

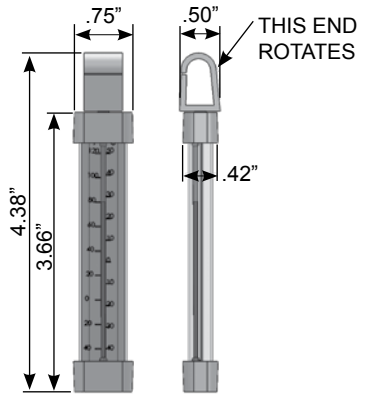


W95-1010/W95-2010

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

REFRIGERATOR / FREEZER THERMOMETERS

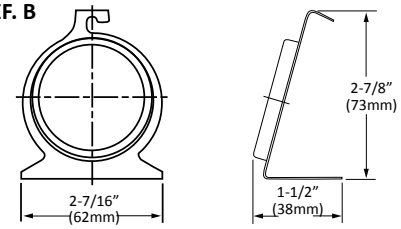
REF. A



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

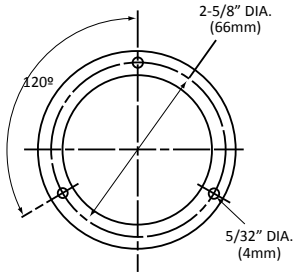
REF. B

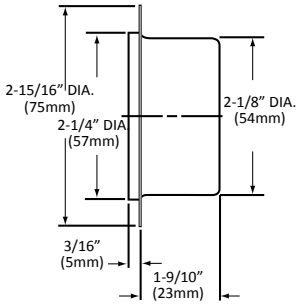


REFRIGERATOR / FREEZER THERMOMETER MODEL NO. T90-25HP

- STAINLESS STEEL FRAME AND BEZEL
- 2" (51mm) DIA. ROUND FACE • CAN HANG OR STAND
- DIAL HAS FOOD ZONES AND 2°F INCREMENTS
- DUAL SCALE TEMPERATURE RANGE -20° TO 80°F (-30° TO 30°C)

REF. C

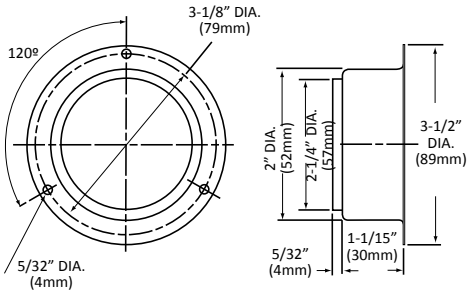




ELECTRONIC BATTERY PANEL MOUNT THERMOMETER MODEL NO. T90-DM120

- STAINLESS STEEL FLUSH MOUNTING REMOTE SENSOR DIGITAL THERMOMETER.
- LARGE 1/2" (13mm) LCD DISPLAY
- 39" (1m) LONG SENSOR CORD
- 1.5 VOLT BATTERY INCLUDED
- TEMPERATURE RANGE -40° TO 120°F

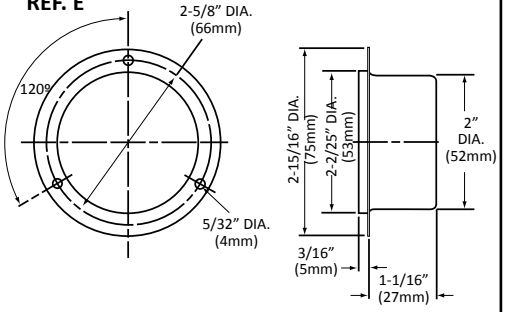
REF. D



SURFACE MOUNT THERMOMETER MODEL NO. T90-6812

- DUAL SCALE TEMPERATURE RANGE -40° TO 65°F (-40° TO 20°C) • STAINLESS STEEL HOUSING
- 2" DIAL - 3-1/2" FLANGE • RECALIBRATEABLE
- ACCURACY + 2% • 48" CAPILLARY

REF. E



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

W86 SERIES VENT PORT FOR WALK-IN COOLERS AND FREEZERS

This compact unit provides maximum pressure relief venting by using lightweight, flexible riser flaps that lift with air pressure and return to a sealing position by a gravity memory action. Designed for longevity there are no springs or mechanical components to fatigue or wear out.

- Provides more venting than most competitive models
- Two-way air flow assures instant pressure balance
- Insulated & vermin proof screened openings
- Maintenance free • Easy to install
- Heated models provide frost-free operation which is required for all freezer applications, non-heated models are available for cooler use only • Economically priced

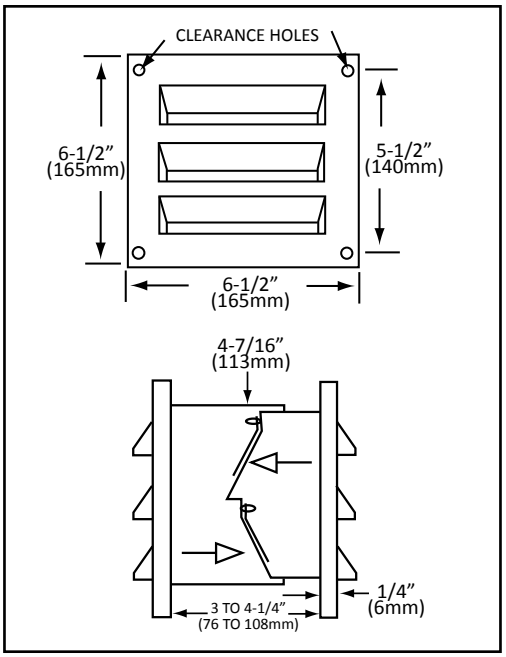
W86 SERIES PRESSURE RELIEF PORT

MODEL NO.	VOLTAGE	APPLICATION
W86-1010	120V/8 Watts with Heater	Freezer
W86-1012	220V/8 Watts with Heater	Freezer
W86-1020	120V/12 Watts with Heater	Freezer
W86-1024-36*	120V/24 Watts with Heater	Freezer
W86-2010	Non-Heated	Cooler

WIRE LEADS 36” (914MM). REPLACES STANDARD KEIL SERIES #2786 WITH COMPONENT HARDWARE QUALITY HARDWARE

File No. LR29496

File No. E73857



SPECIFICATIONS

MATERIAL: U.L. Recognized Thermoplastic
FINISH: Textured Gray
SCREENING: Aluminum
GASKETS: Neoprene, Closed Cell
WIRE LEADS: TYPE SJ, 18” (457mm) Long

DRILLED FOR #10 SCREWS, INSTALLATION REQUIRES A 4-1/2” (114mm) x 4-1/2” (114mm) OPENING.

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

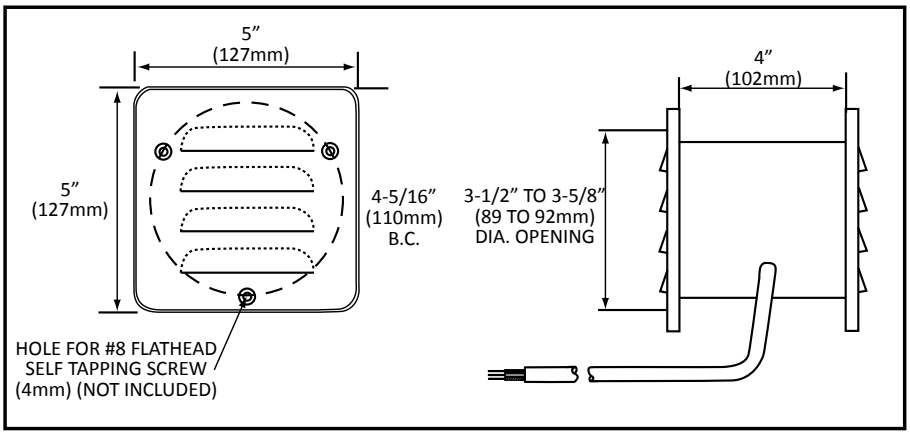
PRESSURE RELIEF PORT

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

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



File No. LR29496

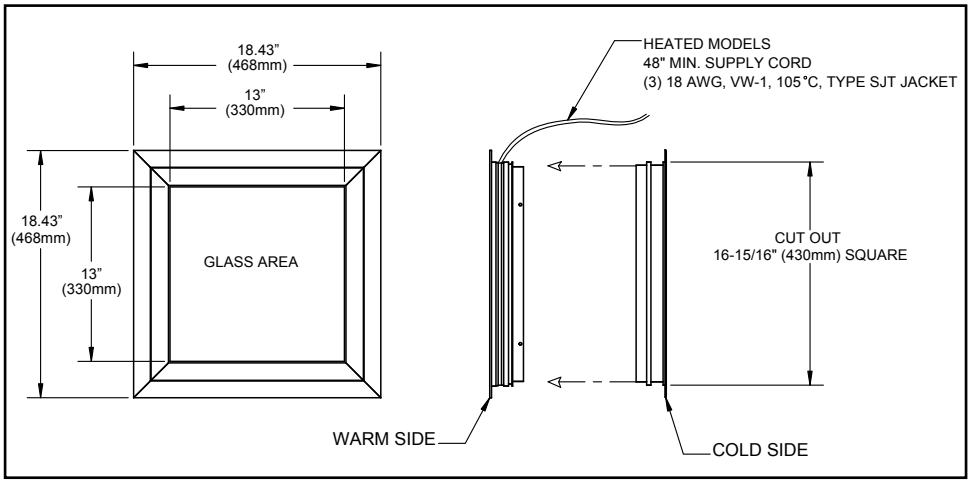
File No. E73857

WINDOW VIEWPORTS

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

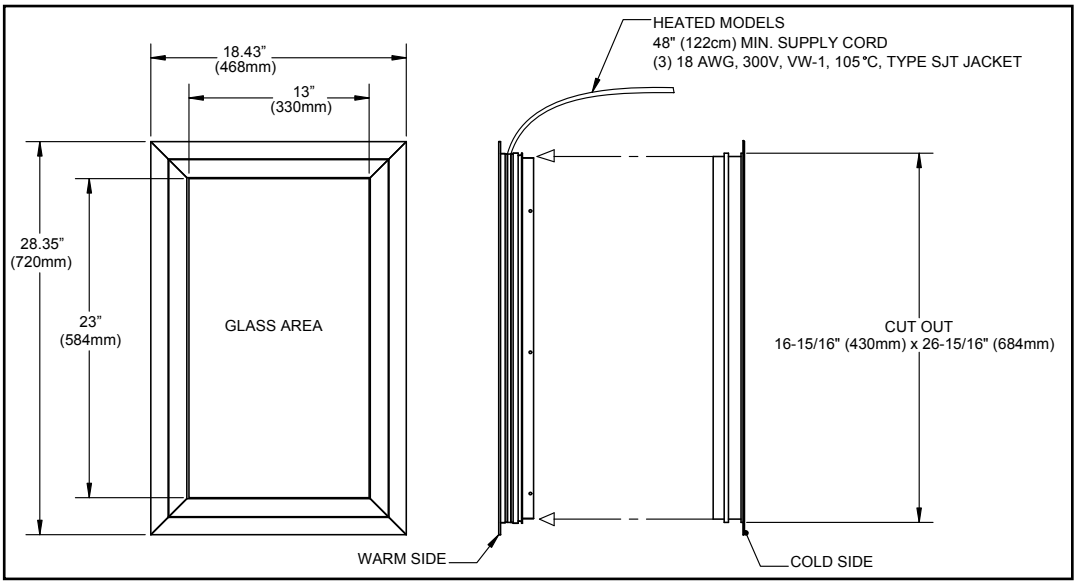
• Brushed aluminum frame • Tempered triple pane glass on all models
• Argon filled space between glass on all models for added e-factor and to comply with Energy Independence Act of 2007
• Heated models for 120V/60Hz freezer applications to prevent fogging • Helps to minimize ingress/egress accidents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



COMPONENT

File No. E73857



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

FIP PANEL FASTENERS

C

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.

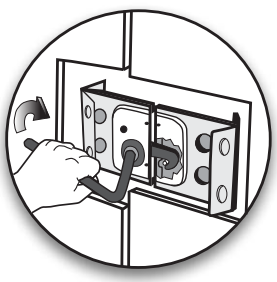
Attaching FIP panel fasteners to your foaming jig is as simple as snapping the locking points and strikes on to their respective adapters, closing the jig and foaming your panels. All of our FIP fasteners are designed with specially placed holes in the housing to permit foam to completely fill around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

THE COMPONENT HARDWARE® DIFFERENCE

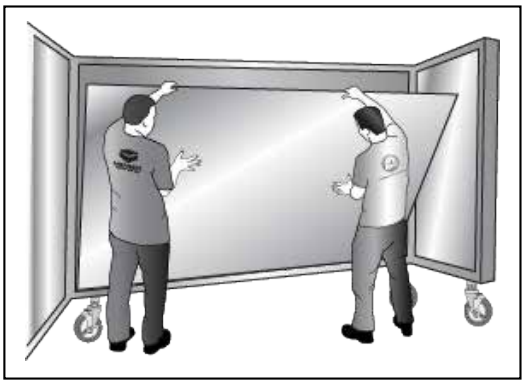
Component Hardware® Refrigeration Hardware is known for innovative design, exceptional value and unsurpassed quality. Our products are manufactured to our exacting standards to insure they can withstand the rigorous demands required in commercial refrigeration applications.

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.

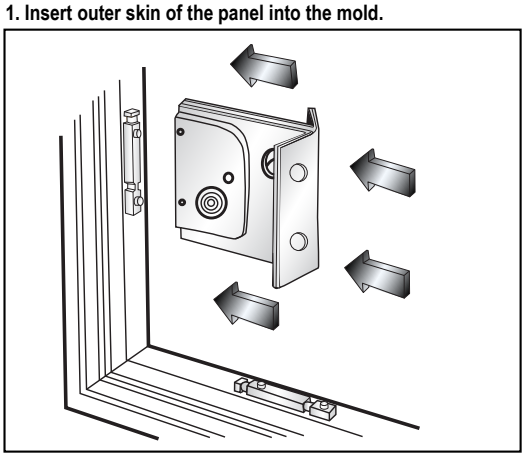
The next time you are building or specifying a walk-in cooler, freezer or environmental enclosure, be sure that it is made using authentic Component Hardware® brand refrigeration hardware for trouble-free performance and peace of mind.



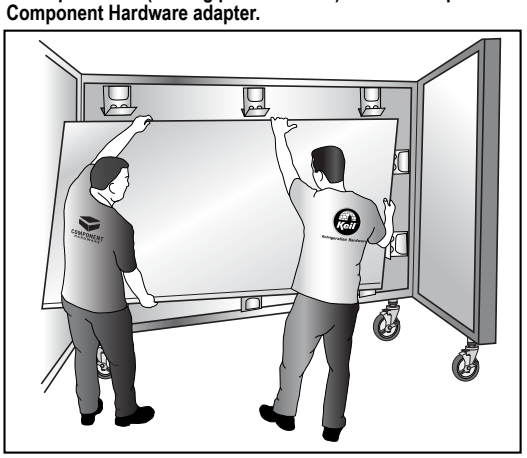
Use Model No. W27-0001-C hexagonal wrench for easy locking of all Component Hardware panel fasteners.



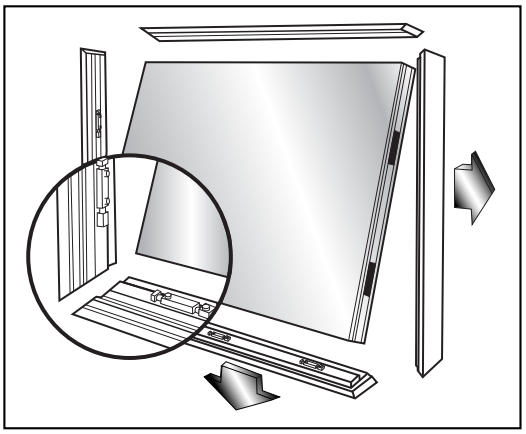
1. Insert outer skin of the panel into the mold.



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.

W27 SERIES
COMPACT FOAMED-IN-PLACE

MODEL NO. W27-7300
LOCKING HOOK

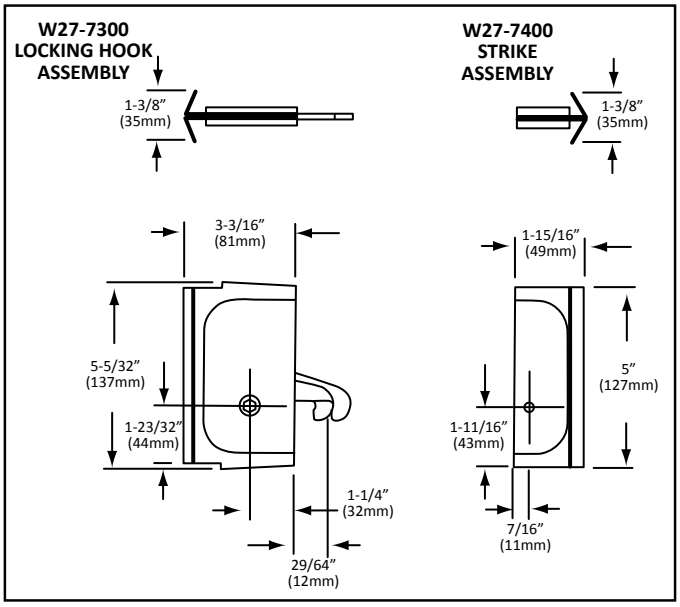
- Friction drive allows hook to slice through foam, locates the female locking pin in mating panel and tightens, providing a positive panel seal
- Zinc plated construction eliminates corrosion concerns and improves mastic adhesion
- Compact construction, superior strength, heavy gauge
- Permits interchangeability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



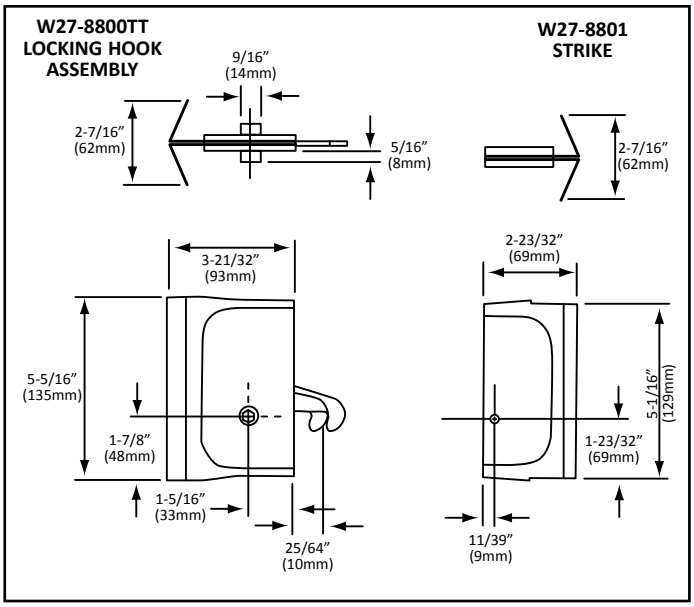
W27 SERIES
FOAMED-IN-PLACE,
DUAL ACCESS DESIGN

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

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.

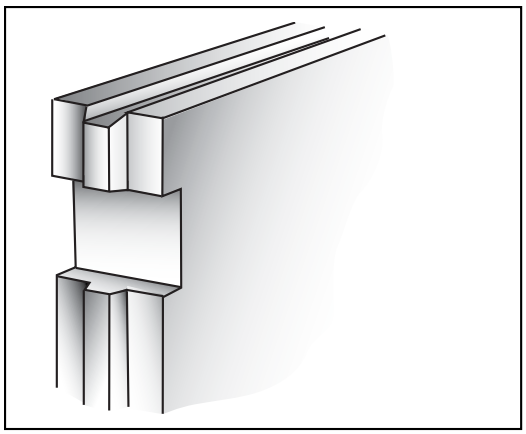
C

THE COMPONENT HARDWARE® DIFFERENCE

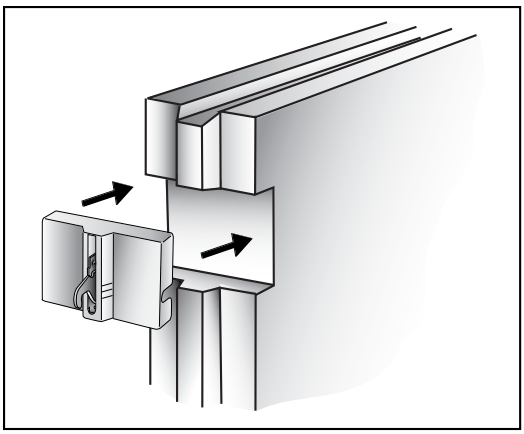
Component Hardware® Refrigeration Hardware is known for innovative design, exceptional value and unsurpassed quality. Our products are manufactured to our exacting standards to insure they can withstand the rigorous demands required in commercial refrigeration applications.

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.

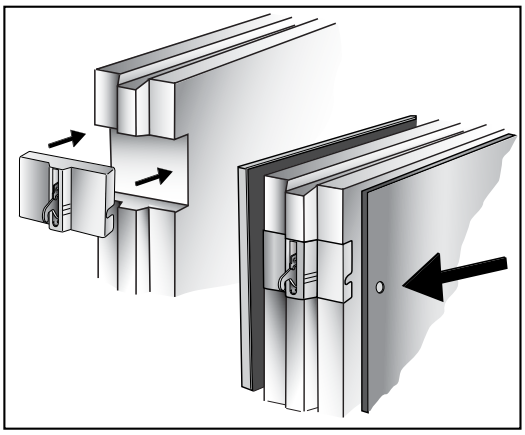
The next time you are building or specifying a walk-in cooler, freezer or environmental enclosure, be sure that it is made using authentic Component Hardware® brand refrigeration hardware for trouble-free performance and peace of mind.



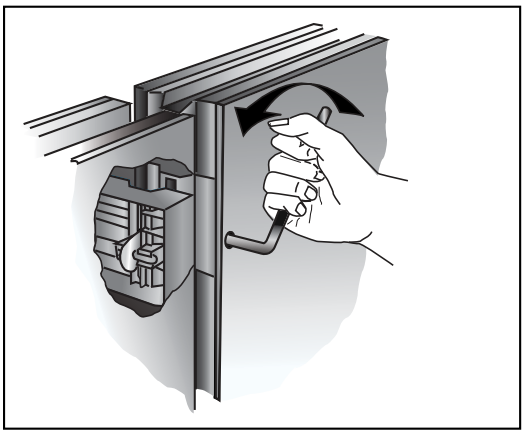
1. Cut insulating material to size. Shape tongue and groove surfaces. Notch panel for fastener.



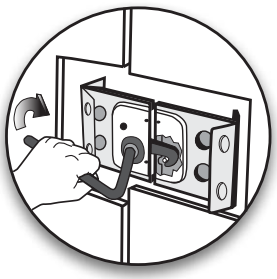
2. Insert plastic housing, either locking point or strike, as needed.



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.)

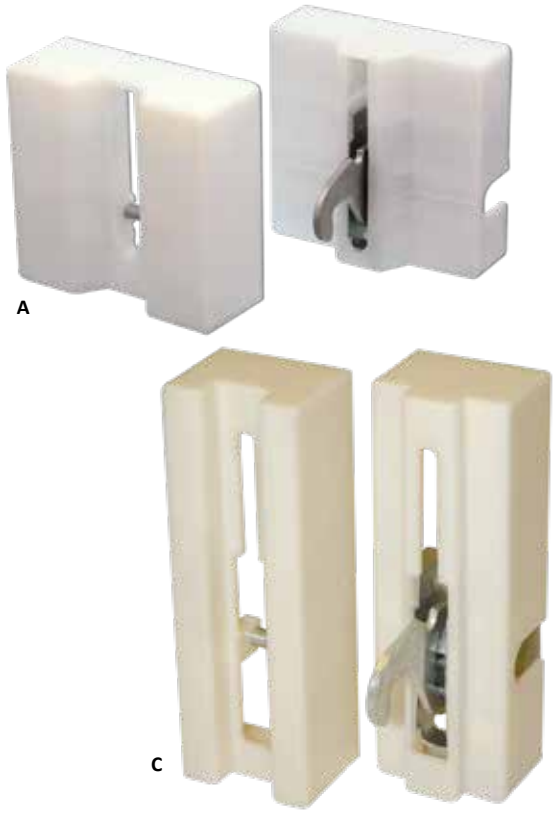


4. After curing, panels are read for assembly. Completed panels are easily locked in position at assembly site using the Component Hardware W27-0001-C.



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

W27 SERIES SLAB FOAM ABS BLOCK



C

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

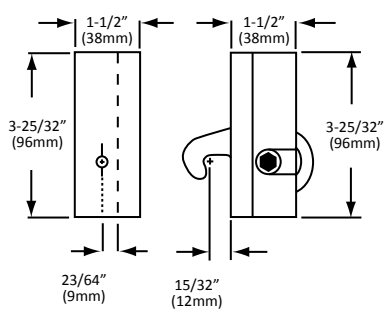
REF. C

SLAB FOAM ABS BLOCK PANEL FASTENERS

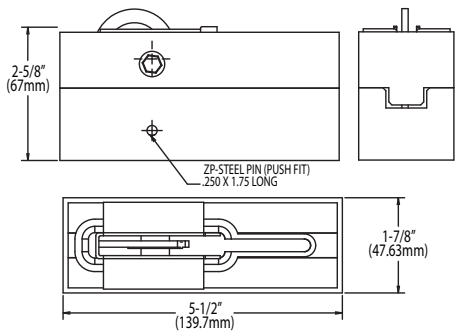
MODEL NO. W27-5202
For Gasketed 2” (51mm) Panels

• 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

W27-5204
FOR GASKETED PANELS



W27-5202
FOR GASKETED PANELS



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.

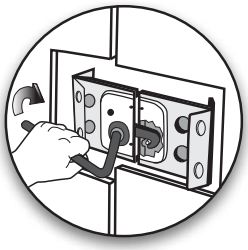
C

THE COMPONENT HARDWARE® DIFFERENCE

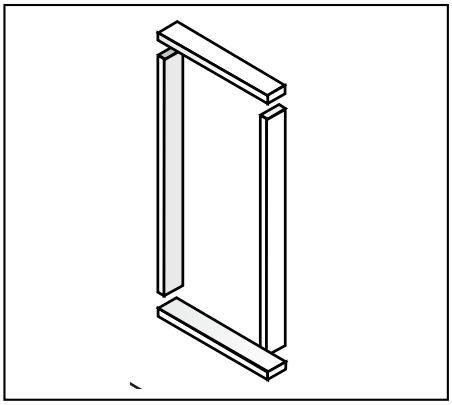
Component Hardware® Refrigeration Hardware is known for innovative design, exceptional value and unsurpassed quality. Our products are manufactured to our exacting standards to insure they can withstand the rigorous demands required in commercial refrigeration applications.

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.

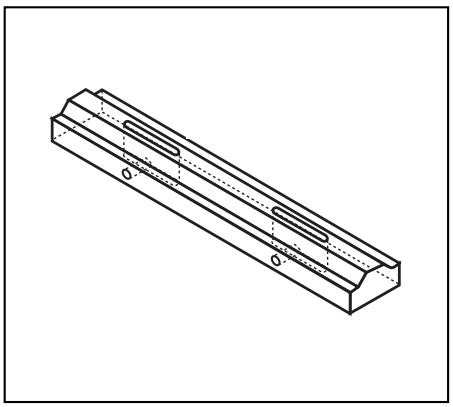
The next time you are building or specifying a walk-in cooler, freezer or environmental enclosure, be sure that it is made using authentic Component Hardware® brand refrigeration hardware for trouble-free performance and peace of mind.



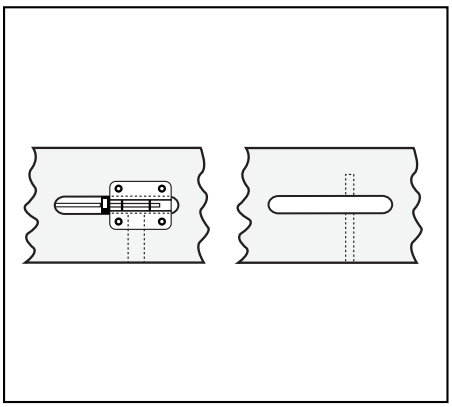
Use Model No. W27-0001-C hexagonal wrench for easy locking of all Component Hardware panel fasteners.



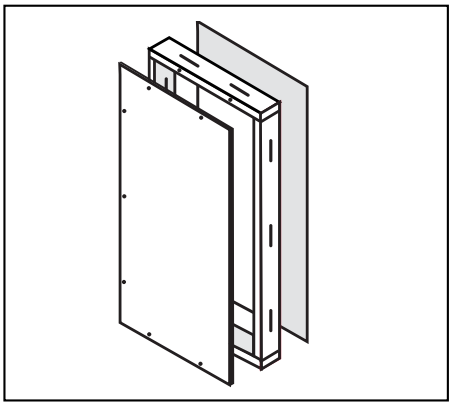
1. Cut frame material to form panel perimeter.



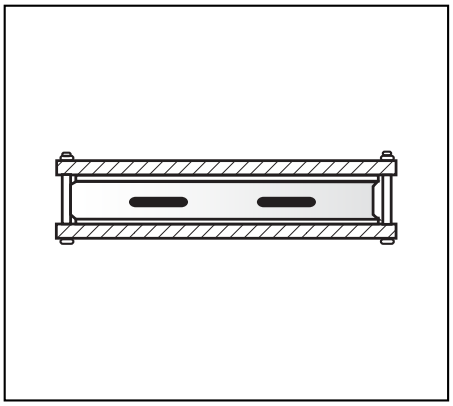
2. Determine locations for fasteners and mortise, dado, or rout slots. Drill wrench holes. (If using W27-5501/5502, drill pin holes.)



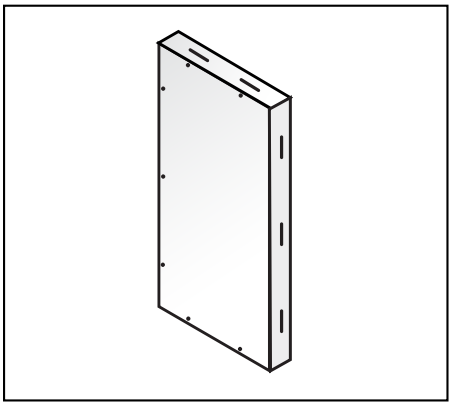
3a. Place fastener in slot and nail or staple in place. 3b. If using W27-5501/5502 pin, insert in drilled pin holes. (Taping of back may be required when foaming.)



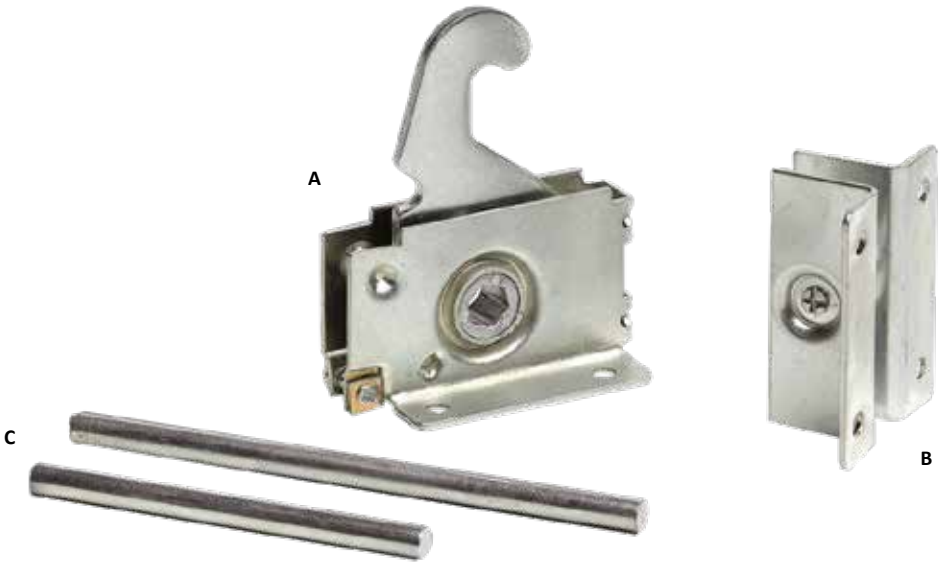
4. Assemble frame with panel skins.



5. Clamp panel in restraining fixture and inject foam.



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



W27 SERIES WOOD FRAME AND METAL FRAME

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

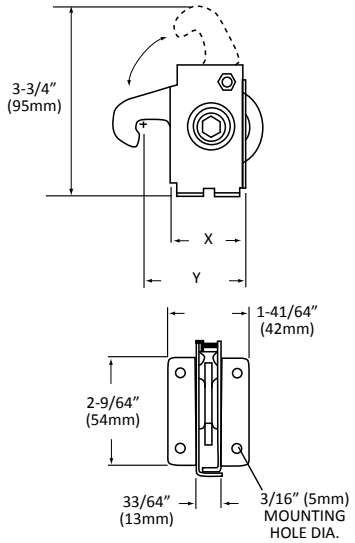
MODEL NO.	X	Y
W27-5600A	1-7/16" (37mm)	1-31/32" (50mm)
W27-5600B	1-7/16" (37mm)	2-11/32" (60mm)

- 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

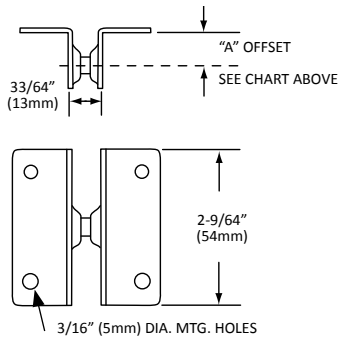
MODEL NO.
W27-55 SERIES
LOCKING STRIKE

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



REF. C
W27-5501 PIN, SHORT
3-1/4" (82mm) x 1/4" (6mm) DIA.
W27-5502 PIN, LONG
4-3/4" (120mm) x 1/4" (6mm) DIA.

ACCESSORIES FOR WALK-IN REFRIGERATION & FREEZERS

REF. A

CAULKING GUN

For Use with
10.3 oz (305ml) cartridges

MODEL NO. Q99-1000

REF. B

SILICONE SEALER

File No. E224060

- 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. C

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

REF. D

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. E

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. F

PRESSURE SENSITIVE INDUSTRIAL TAPE

MODEL NO.	DESCRIPTION	SIZE	CASE QTY
Q84-1200	Masking Tape	2" x 60 YDS (51mm x 54m)	24 CASE

HOT SIDE APPLICATIONS

Recessed Mount
LED Exhaust Hood Light

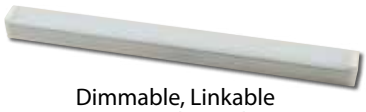
Recessed Mount
Dimmable LED Down Light

Recessed Mount
LED Perimeter Light

Surface Mount
LED Exhaust Hood Light

COLD SIDE APPLICATIONS

LED Vapor-Tight Strip Light



Dimmable, Linkable
LED Display Light

6W LED A19 Filament
Appliance Bulb

LED Appliance Bulb

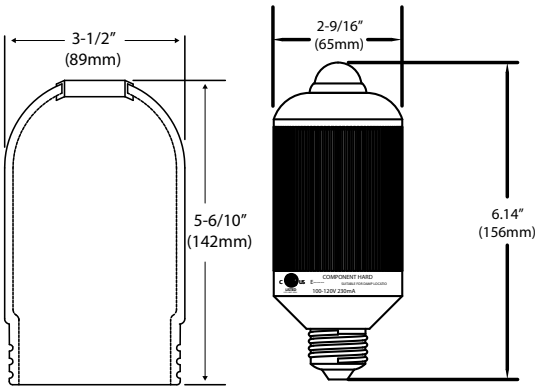
4W LED E17 Tubular Filament
Appliance Bulb

LED Motion Sensor Light

D

COOLER/FREEZER LED BULBS	D98
COOLER/FREEZER LED FIXTURES	D99
DIMMABLE LED DISPLAY LIGHTS	D100
LOW VOLTAGE LED DISPLAY LIGHTS	D101
LED COOLER/FREEZER LIGHTS	D102-D103
FLUORESCENT COOLER/FREEZER LIGHTS	D104
SURFACE MOUNT INCANDESCENT LIGHT FIXTURES AND ACCESSORIES	D105
INCANDESCENT REFRIGERATOR LIGHTS AND ACCESSORIES	D106
ROUND RECESSED DIMMABLE LED DOWN LIGHT	D107
RECESSED MOUNT LED HOOD LIGHTS	D108-D109
RECESSED MOUNT FLUORESCENT AND INCANDESCENT LIGHTS	D110
SURFACE MOUNT LED HOOD LIGHTS	D111
SURFACE MOUNT HOOD LIGHT FIXTURES	D112
HOOD LIGHT ACCESSORIES	D113
ELECTRICAL OUTLETS COMPONENTS	D114-D115

• COMPONENT HARDWARE LEDS ARE TYPICALLY RATED FOR 50,000 HOUR LIFE – 50X STANDARD INCANDESCENT BULB • INSTANT-ON • NO ULTRAVIOLET EMISSION • HACCP COMPLIANT – LED LIGHTING RUNS COOLER THAN OLD INCANDESCENT AND FLUORESCENT FIXTURES, HELPING YOU TO BETTER CONTROL FOOD TEMPERATURES IN YOUR REFRIGERATORS/COOLERS/FREEZERS. IN ADDITION, LED LIGHTS DO NOT CONTAIN HARMFUL MERCURY, LIKE FLUORESCENT FIXTURES, ELIMINATING A POTENTIAL CHEMICAL HAZARD IN YOUR WORKPLACE.

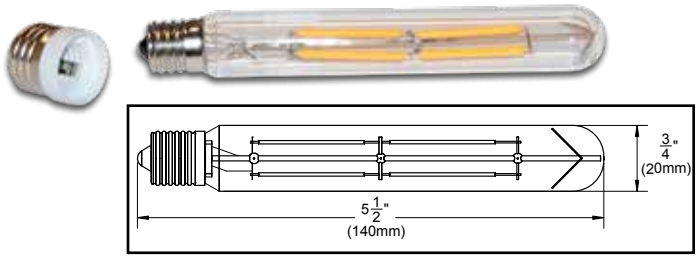


LED MOTION SENSOR LIGHT FOR WALK-IN REFRIGERATION

• Replaces inefficient incandescent bulbs; low wattage for fast payback • Instant-on; no ballast to warm up; no buzzing or flickering • Rated for 50,000 hour life • Mercury-free • Exceeds Federal Energy Act requirement • Unbreakable polycarbonate enclosure • No ultraviolet emission; will not attract insects • Simply screw in to existing fixture – no adapter required • Fits any A19/E26/E27 fixture • Adjustable time delay cycle from 5 seconds to 2 minutes • Ideal for any infrequently used area - walk-in coolers & freezers, dry storage areas, closets, stairways • 140º beam angle floods workspace with light • 100-120 VAC, 50/60Hz

MODEL NO.	WATTS	LUMENS	KELVINS	OPERATING TEMP	DESCRIPTION
LED-321420C	18	2000	6000	-4ºF to 140ºF (-20ºC to 60ºC)	Bulb with Globe
LED-321420W		1600	3000		
VXS-LED-PC20C*	18	2000	6000		Complete Fixture with Bulb & Globe
VXS-LED-PC20W		1600	3000		
LED-321420C-B**	18		6000		Replacement Bulb, Cool White
LED-321420W-B**			3000		Replacement Bulb, Warm White

* NSF COMPONENT
* c UL us File No.E80045
** c UL us File No.E343790

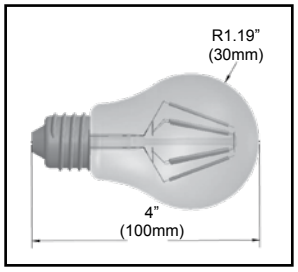


4W LED TUBULAR FILAMENT APPLIANCE BULB WITH E17 INTERMEDIATE BASE

• Lumens comparable to 40W incandescent bulb • Operating temperature: -4ºF to 140ºF • 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-TB40-T6A-W				230
LED-E26E17ADPT	Optional Adapter to Change to E26 Medium Base			

c UL us CE

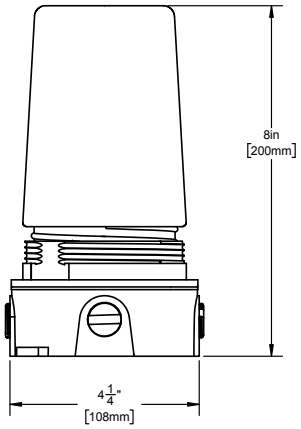


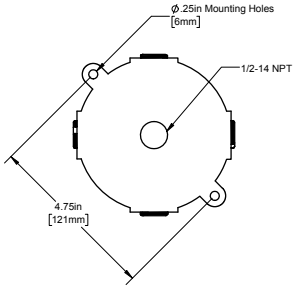
6W LED A19 FILAMENT APPLIANCE BULB

• Lumens comparable to 60W incandescent bulb • Operating temperature: -22ºF to 140ºF • IP-65 rated • Cool white color • 25,000 hour rated service life

MODEL NO.	DESCRIPTION	LUMENS	KELVINS	VAC
LED-FL60-CL-C	Cool White, Clear Glass	650	6000	120
LED-FL60-ML-C	Cool White, Milky Glass	605		

c UL us CE





LED LIGHT FOR WALK-IN REFRIGERATION

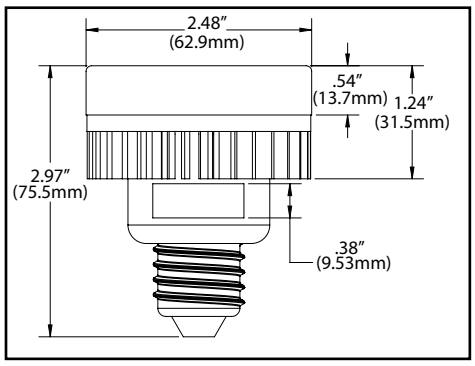
• Replaces inefficient incandescent bulbs • 1100 lumens comparable to 75W incandescent bulb and uses 85% less energy • Simply screw in to existing fixture – no adapter required • Fits any A19/E26/E27 fixture • Suitable for damp locations • 120º beam angle floods interior with light • Mercury-free • Rated 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	-4ºF to 105ºF (-20ºC to 41ºC)	Complete Fixture with Bulb and Globe

NSF COMPONENT c UL us File No.E80045

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 • 120º 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: -4ºF (-20ºC) to 105ºF (41ºC)

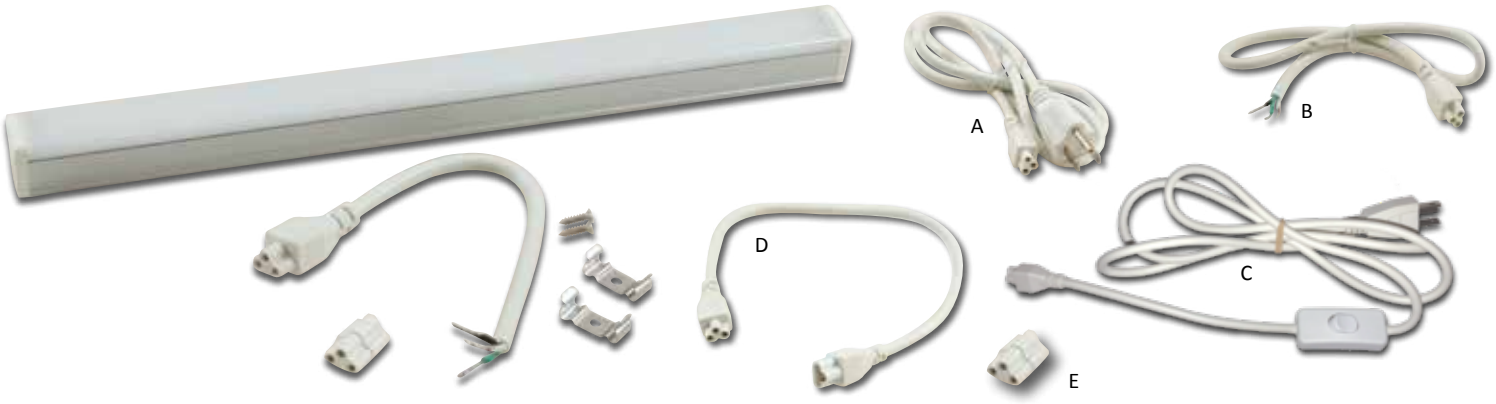


MODEL NO.	WATTS	LUMENS	COLOR TEMP	COLOR RENDERING INDEX
LED-PK100DD-C	10	800	Cool White 6500	Ra>80
LED-PK100DD-N		1100	Natural White 5000	

c UL us File No.E343790

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

c UL us



DIMMABLE, LINKABLE LED LIGHT FOR REFRIGERATED AND AMBIENT APPLICATIONS

D

• 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 -4ºF to 105ºF (-20ºC to 40ºC) • 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

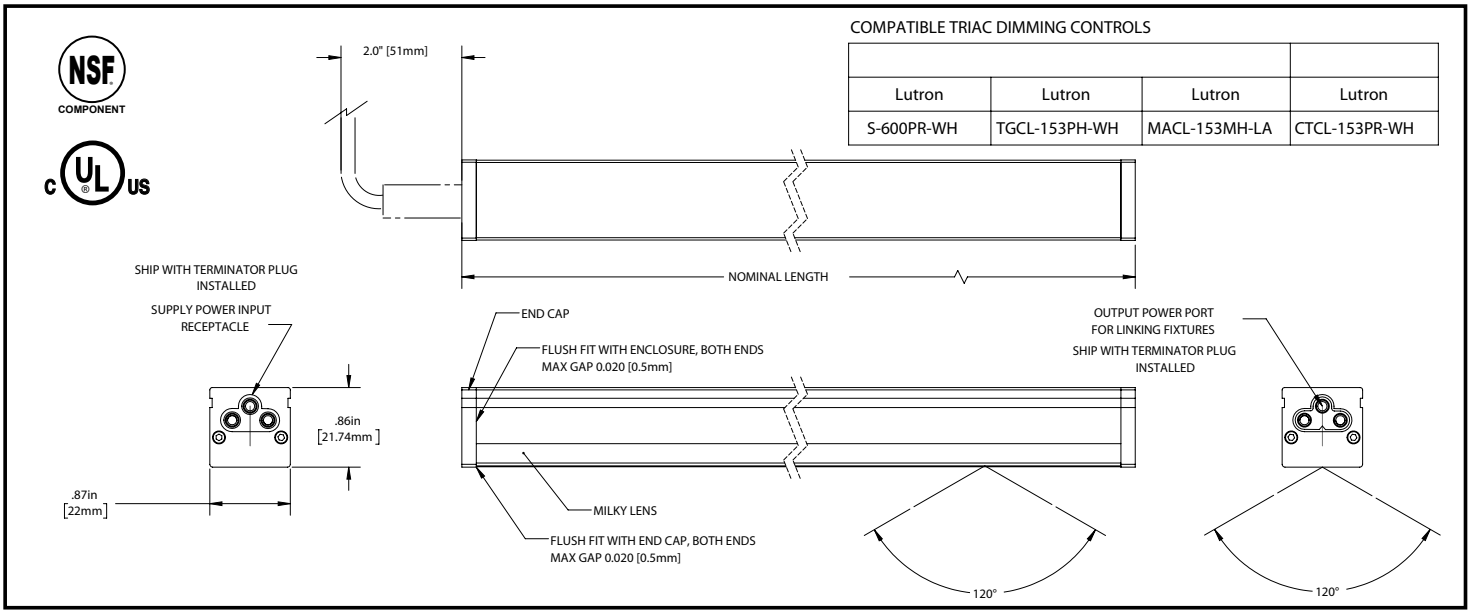
MODEL NO.	NOMINAL LENGTH (L)	INITIAL LUMENS	CURRENT CONSUMPTION	WATTS
LED-RB08-DIM-x	8” (203mm)	280	35mA	4
LED-RB12-DIM-x	12” (305mm)	490	45mA	6
LED-RB18-DIM-x	18” (457mm)	650	75mA	9
LED-RB24-DIM-x	24” (610mm)	880	100mA	12
LED-RB30-DIM-x	30” (762mm)	1070	130mA	15
LED-RB36-DIM-x	36” (915mm)	1280	150mA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

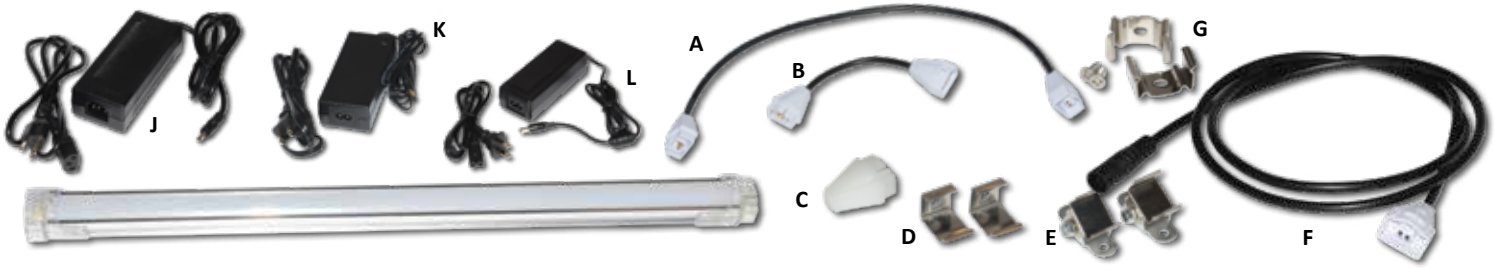
Accessories

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

COMPATIBLE TRIAC DIMMING CONTROLS

Lutron	Lutron	Lutron	Lutron
S-600PR-WH	TGCL-153PH-WH	MACL-153MH-LA	CTCL-153PR-WH





ULTRA SLIM LINKABLE LED LIGHTS FOR REFRIGERATED AND AMBIENT APPLICATIONS

• Operating temperature from -4ºF to 105ºF (-20ºC to 40ºC) • 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

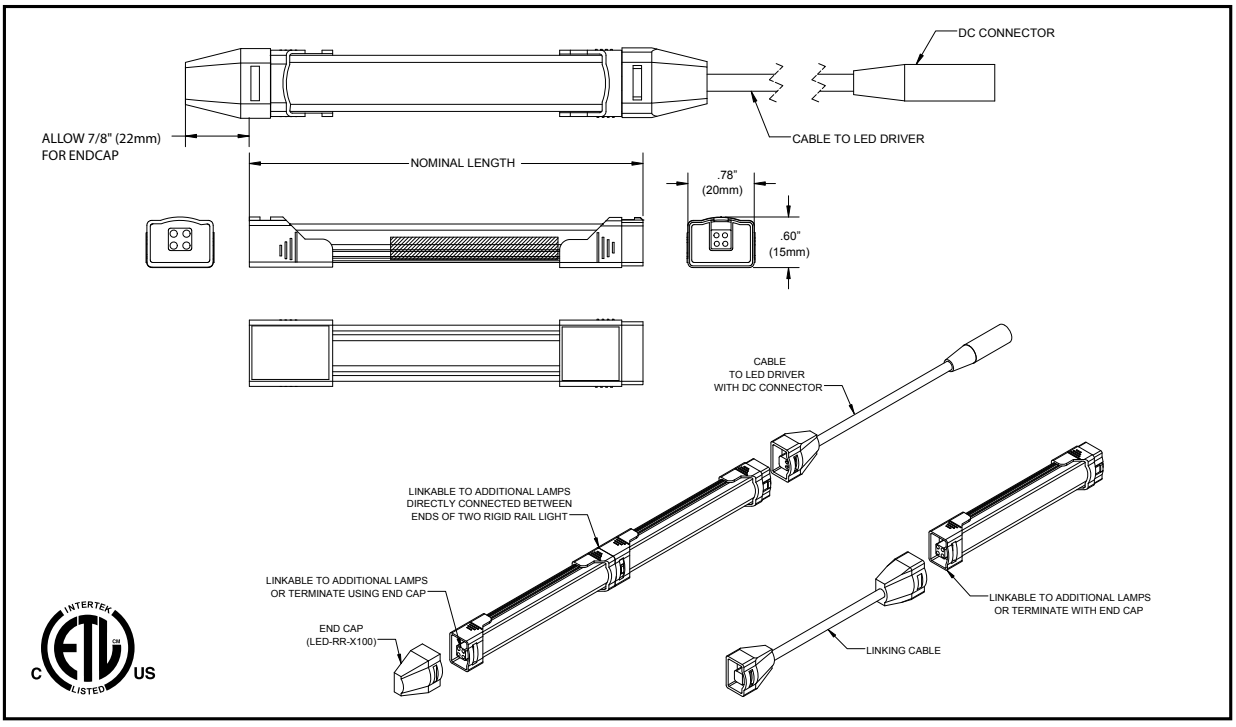
DRIVERS

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	

ACCESSORIES

REF.		
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 30º Mounting Angle
D	**LED-RR-X304**	(2) Mounting Clips for 45º 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)

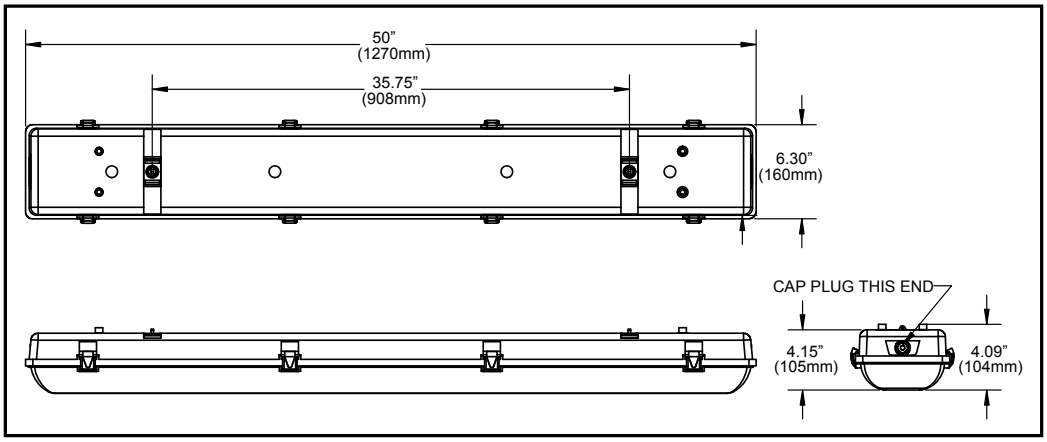
"**x**" designates color temperature:
- **C** (Cool White) 6000K
- **N** (Natural White) 4000K
- **W** (Warm White) 3000K



LED SURFACE MOUNT VAPOR-TIGHT STRIP LIGHT FIXTURE FOR WALK-IN COOLERS & FREEZERS

• Color temperature is 5000º Kelvins • Natural white • 100 - 277 VAC • 50/60Hz • LED strips reject little heat into refrigerated space
• Corrosion-free, high impact reinforced polycarbonate housing • Instant on even in freezers; no ballast to warm up • Rated IP-65 for damp and wet locations
• Operating Temp: -40ºF to 122ºF (-40ºC to 50ºC) • Mercury-free • 50,000+ hours rated life; reduces landfill waste; lowers maintenance costs
• Strips and driver replaceable without tools • Exceeds Federal Energy Act requirement • Contributes to LEED® energy use reduction credits
• Molded acrylic ribbed diffuser disperses light evenly in a wide range

MODEL NO.	LENS	WATTS	LUMENS	LUMENS PER WATT
LED48X754-CL-N	Clear	50	7500	150
LED48X754-ML-N	Milky		6400	130



LED SURFACE MOUNT VAPOR-TIGHT BULB TYPE LIGHT FIXTURES FOR COOLER/FREEZER APPLICATIONS

• Designed for use with removable LED lamps • Resilient, one-piece silicone gasket rated IP-65 for damp & wet locations • Superior highly-polished aluminum reflector improves light output • Low profile design • Corrosion-free, high impact polycarbonate housing • Clear, high impact polycarbonate lens with ribs for maximum light dispersion • Supplied with NEC-approved luminaire disconnects • Provided with stainless steel mounting hardware and European Type PG-16 conduit connector • Bulb life rated 50,000 + hours • Operating temperature range -13ºF to 104ºF (-25ºC to 40ºC)

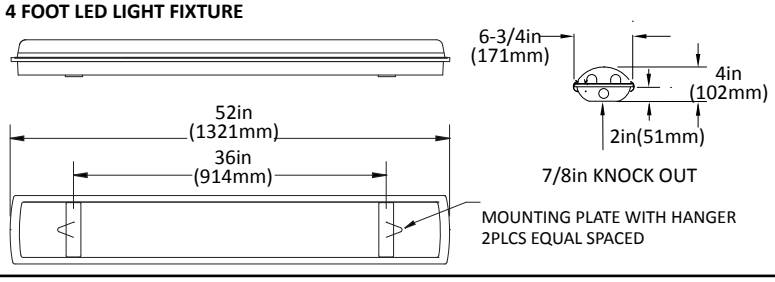
D

MODEL NO.	LED LIGHT-COMPLETE	RATED VOLTAGE	AMPS	WATTS	COLOR	INITIAL LUMENS	KELVINS	REPLACEMENT LAMP
4 FOOT LED LIGHT FIXTURE WITH (2) LAMPS								
LED48X62221W	48” (1219mm), (2) 22W LAMPS, 120V	120-240VAC	0.44	44	Warm White	3000	3000K - 3500K	LED-212122W
LED48X62221N	48” (1219mm), (2) 22W LAMPS, 120V				Natural White	3250	4000K - 4500K	LED-212122N
LED48X62221C	48” (1219mm), (2) 22W LAMPS, 120V				Cool White	3470	6000K - 6500K	LED-212122C
LED48X6218C	48” (1219mm), (2) 18W LAMPS, 120-277V	120V	0.38	36		2894	6000K - 6500K	LED-212018-C
2 FOOT LED LIGHT FIXTURE WITH (1) LAMP								
LED24X419C	24” (610mm), (1) 9W LAMP, 120-277V	120-240VAC	0.1	9	Cool White	801	6000K - 6500K	LED-212009C

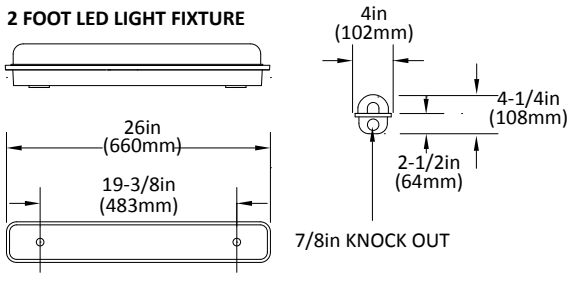
NSF COMPONENT

ETL LISTED c US Intertek 3188926

4 FOOT LED LIGHT FIXTURE



2 FOOT LED LIGHT FIXTURE



LED TUBULAR REPLACEMENT BULBS

MODEL NO.	DESCRIPTION
LED-212009C	9W Tubular LED Bulb, 2-Ft, Cool White, T9 Bi-Pin, 120V, 60Hz
LED-212122C	22W Tubular LED Bulb, 4-Ft, Cool White, T8 Bi-Pin, 120V, 60Hz
LED-212122N	22W Tubular LED Bulb, 4-Ft, Natural White, T8 Bi-Pin, 120V, 60Hz
LED-212122W	22W Tubular LED Bulb, 4-Ft, Warm White, T8 Bi-Pin, 120V, 60Hz
LED-212018-C	18W Tubular LED Bulb, 4-Ft, Cool White, T8 Bi-Pin, 120V, 60Hz

D

ECONOMICAL LOW PROFILE FLUORESCENT COOLER-FREEZER LIGHT FIXTURES

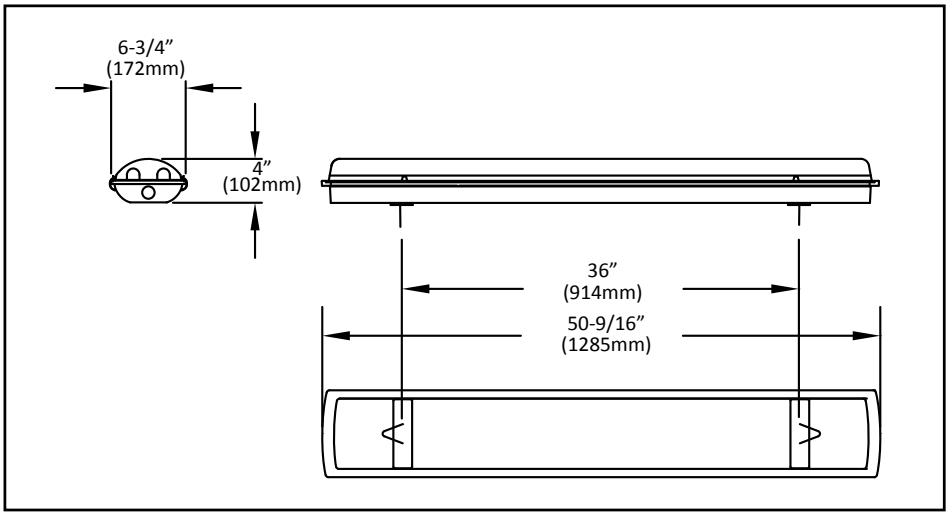
• Energy efficient high power factor T-5 HO electronic ballasts reduce operating costs and power consumption • Light fixtures generate less heat, reducing the cost to maintain low operating temperatures • Minimum operating temperature for freezer applications is 0°F (-18°C) for the T5 ballast • Resilient, one piece silicone gasket rated IP-65 for damp and wet locations • Superior highly-polished reflector improves light output • Corrosion free high impact polycarbonate housing • Clear, high impact polycarbonate lens • Supplied with NEC approved luminaire disconnects • Provided with stainless steel mounting hardware and European Type PG-16 conduit connector

MODEL NO.	LAMPS	VOLTAGE
CFL-36U54X2T5	(2EA.) F54T5HO	UNV= 120 -277V, 50-60 Hz

NOTE: LAMPS NOT PROVIDED - REPLACEMENT BULBS AVAILABLE, ORDER AS **CFL-5EH54W841**

NSF COMPONENT

c UL us File No.E240378



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 to120 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

NSF COMPONENT

c UL us File No. E80045

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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

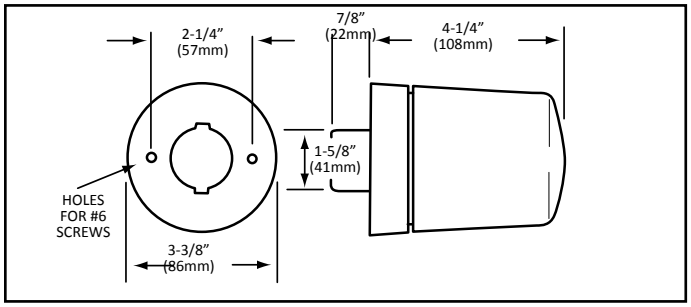
CERTIFIED
File No. LR63261

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 ncluded



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

File No. E121261

CERTIFIED
File No. 86177

40 WATT INCANDESCENT SHATTER PROOF "TUFF COAT" APPLIANCE BULBS

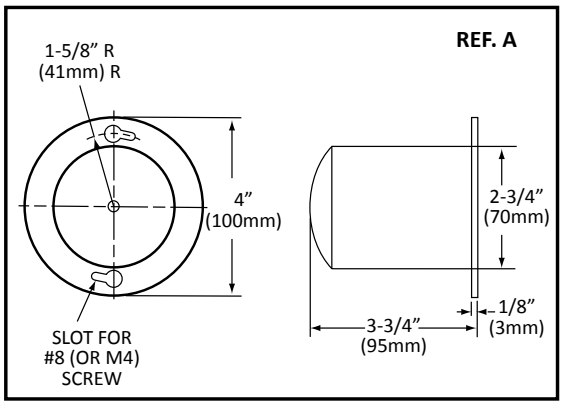
• Shatter Proof Coating • A19/E26 medium base
• Does Not Burn, Does Not Brown

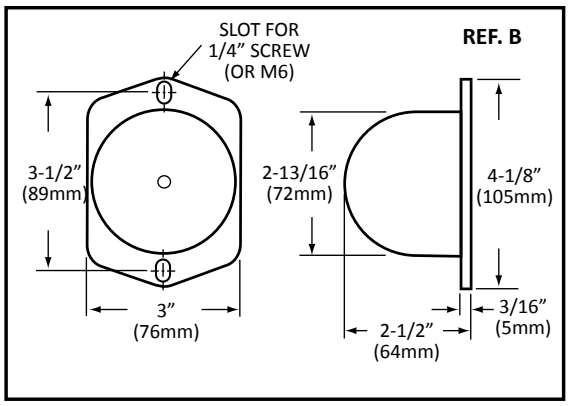
MODEL NO.	DESCRIPTION
R79-0040	40 Watt, 120V

LITE-GUARD PLASTIC BULB PROTECTORS

• Transparent • Impact resistant polycarbonate • Non-toxic
• Provides maximum protection for 40 watt appliance bulbs in reach-in refrigerators and freezers • Lite-guard is unaffected by low temperature and will not stain or discolor when in contact with food acids

REF.	MODEL NO.	DESCRIPTION
A	**L20-2778**	Bulb Guard, Large
B	**L20-2779**	Bulb Guard, Small





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	

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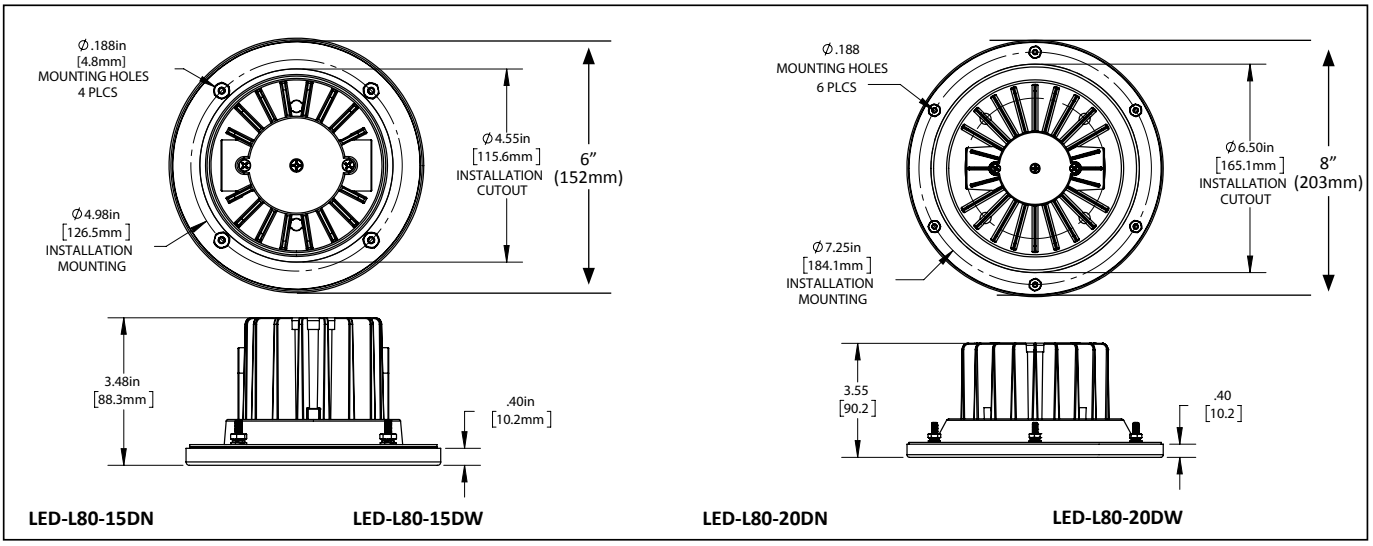


LED-L80-15DN **LED-L80-15DW** **LED-L80-20DN** **LED-L80-20DW**

SPECIFICATIONS:
Wattage: 15W
Voltage: 120 VAC, 60 Hz
Amperage: 0.13A
Initial Lumens: 1350
Efficacy: 90 Lumens/Watt
CRI: > 80
Beam Angle: 97º
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:
32ºF - 176ºF (0ºC - 80ºC)
Dimmable: 0-10 V Dimmer (not included)
Lens Cover: Tempered Glass and Stainless Steel
Warranty: 5 years

UL File# E339654

SPECIFICATIONS:
Wattage: 15W
Voltage: 120 VAC, 60 Hz
Amperage: 0.13A
Initial Lumens: 1250
Efficacy: 83 Lumens/Watt
CRI: > 80
Beam Angle: 95º
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:
32ºF - 176ºF (0ºC - 80ºC)
Dimmable: 0-10 V Dimmer (not included)
Lens Cover: Tempered Glass and Stainless Steel
Warranty: 5 years

UL File# E339654

SPECIFICATIONS:
Wattage: 20W
Voltage: 120 VAC, 60 Hz
Amperage: 0.17A
Initial Lumens: 1800
Efficacy: 90 Lumens/Watt
CRI: > 80
Beam Angle: 106º
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:
32ºF - 176ºF (0ºC - 80ºC)
Dimmable: 0-10 V Dimmer (not included)
Lens Cover: Tempered Glass and Stainless Steel
Warranty: 5 years

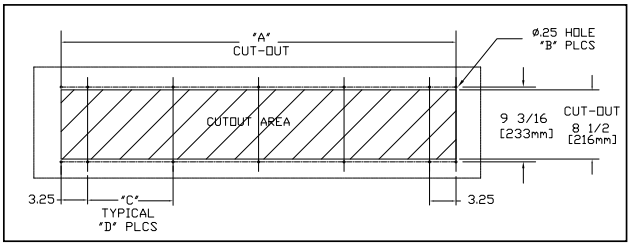
UL File# E339654

SPECIFICATIONS:
Wattage: 20W
Voltage: 120 VAC, 60 Hz
Amperage: 0.17A
Initial Lumens: 1700
Efficacy: 85 Lumens/Watt
CRI: > 80
Beam Angle: 106º
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:
32ºF - 176ºF (0ºC - 80ºC)
Dimmable: 0-10 V Dimmer (not included)
Lens Cover: Tempered Glass and Stainless Steel
Warranty: 5 years

UL File# E339654

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

• Listed for up to 75ºC (167ºF) 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

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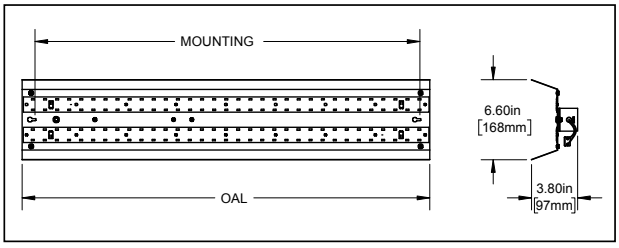
• Listed for up to 75ºC (167ºF) operation • Highest efficacy (lumens/watt) available • Only 4-1/4" high for limited clearance applications
• Color Rendering Index > 80 • Instant on, no ballast to warm up • Recess mount installation • One piece satin finish stainless steel trim
• Tempered, prismatic glass 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 @ 100-277VAC	10-1/4" x 38-1/4" (260mm x 972mm)	36-1/2" (927mm)	14 total	7-1/2" (191mm)	4 places
LED-L82-1030-40W	Warm			3000	4135						
LED-L82-1040-50N	Natural	53		4000	4925	0.53-0.19A @ 100-277VAC	10-1/4" x 50-1/4" (260mm x 61276mm)	48-1/2" (1232mm)		10-1/2" (267mm)	
LED-L82-1040-50W	Warm			3000	4877						



LED-L82 RETROFIT KITS

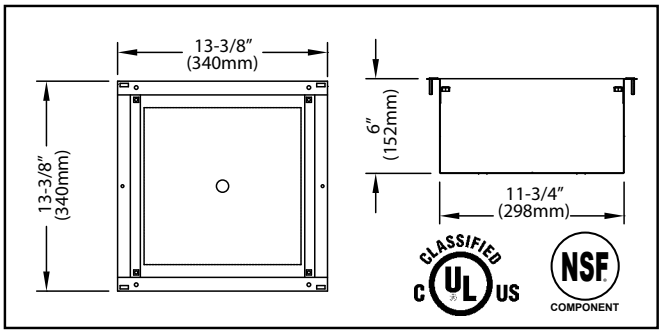
• Easily convert older L82 Series fluorescent or bulb-style LED fixtures to LED strip technology for improved performance and energy savings
• 100-277 VAC • 50/60Hz • Listed for up to 75ºC (167ºF) operation • 50,000 hour service life

MODEL NO.	COLOR TEMP	WATT	KELVINS	CURRENT	MOUNTING	OAL
LED-L82-RF1030-40N	Natural	43	4000	0.43-0.16A @ 100-277VAC	31.75" (807mm)	33.62" (854mm)
LED-L82-RF1030-40W	Warm		3000			
LED-L82-RF1040-50N	Natural	53	4000	0.53-0.19A @ 100-277VAC	43.75" (1111mm)	45.62" (1159mm)
LED-L82-RF1040-50W	Warm		3000			

LED-L87 SERIES

• Listed for up to 75ºC (167ºF) 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

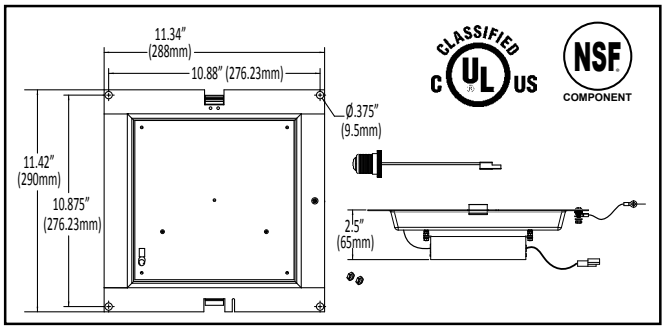
MODEL NO.	MTG STUDS	COLOR TEMP	WATT	KELVINS	TOTAL LIGHT OUTPUT
LED-L87-1004-30N	4	Natural	30	4000	2880 Lumens
LED-L87-1008-30N	8				
LED-L87-1004-30W	4	Warm		3000	
LED-L87-1008-30W	8				



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 75ºC 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	



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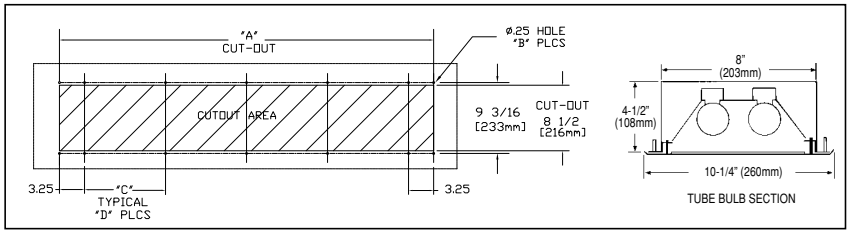
LED TUBULAR BULB STYLE RECESSED LIGHT FIXTURES FOR KITCHEN EXHAUST HOODS

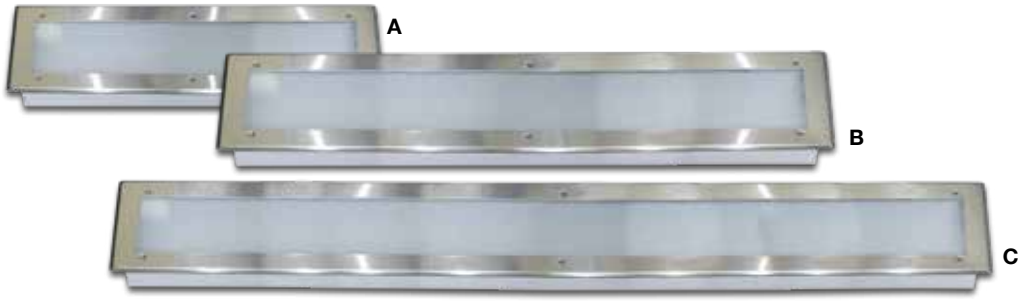
• Designed for use with removable LED lamps • Lamps consume less than 5.5 watts per foot • Max operating temp 75ºC (167ºF) • Contributes to LEED® energy use reduction credits • Highest lumen output per watt available • Recess mount installation • Only 4-1/2" high for limited clearance applications • 100-240 VAC • 50,000 hour rated service life

MODEL NO.	LENGTH	WATT	LUMENS	KELVINS	OVERALL TRIM SIZE	"A" CUT OUT	"B" HOLES	"C" SPACING	"D" EACH SIDE
L82-1020-L09W	24"	22	1800	2800 - 3500	10-1/4" x 26-1/4" (260mm x 667mm)	24-1/2" (622mm)	12 total	6" (152mm)	3 places
L82-1020-L09N			1900	4000 - 5000					
L82-1020-L09C			2000	5500 - 6500					



NSF COMPONENT

CLASSIFIED C UL US



RECESSED FLUORESCENT KITCHEN EXHAUST HOOD LIGHT FIXTURES

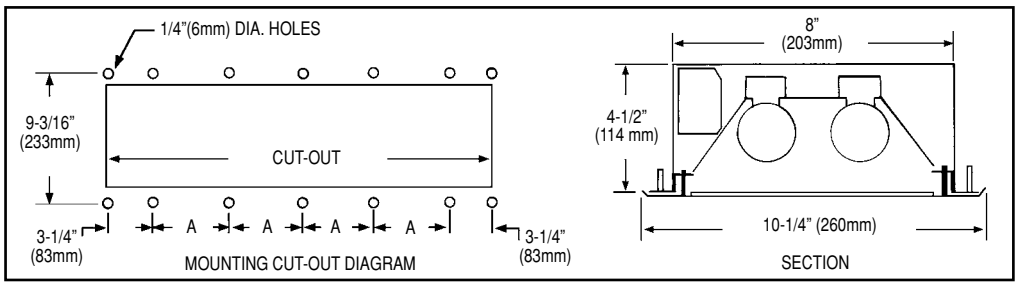
- NSF Listed, UL Listed E250943 for use in commercial cooking hoods • Listed to 75ºC (167ºF)
- Meets all requirements for NFPA 96 and N.E.C. 410 • Only 4-1/2" (114mm) high for limited overhead clearance applications
- Tempered, prismatic glass diffuser with one piece satin finished stainless steel face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



NSF COMPONENT
c UL us LISTED File No. E250943

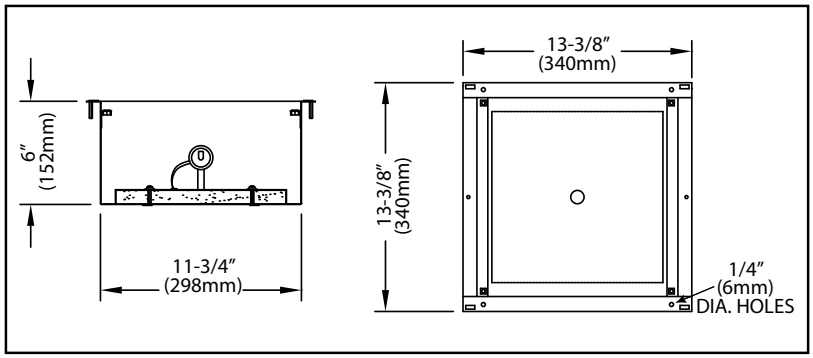
RECESSED INCANDESCENT KITCHEN EXHAUST HOOD LIGHT FIXTURE

- 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

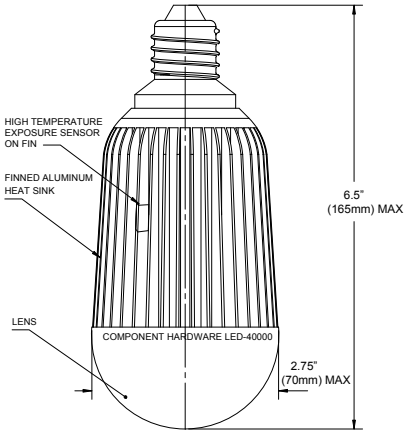
NOTE: Bulbs not included

c UL us LISTED File No. E253411
NSF COMPONENT



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



LED LIGHT FOR KITCHEN EXHAUST HOODS

- UL Listed Edison-base LED bulb rated to 85ºC (185ºF)
- 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	85ºC (185ºF)
LED-40000N-P**				
LED-40001N (includes globe)				
LED-40000W-B		930	2800 - 3000	

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

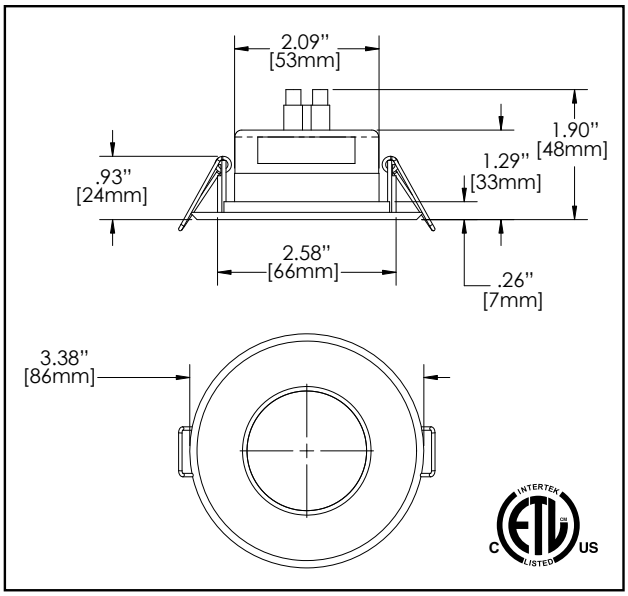
Dimmable *Non-Dimmable*

RECESS MOUNT PERIMETER LED LIGHT FOR KITCHEN EXHAUST HOOD PLENUMS

- Satin chrome finish bezel matches hood • 50,000 hour rated lamp life
- 120º beam angle floods the workspace with light • 100 to 130 VAC (non-dimmable)
- 100-240 VAC (dimmable) • 50/60 Hz • Impact resistant polycarbonate lens

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

Cut-out size required - 2.75” (70mm)
Notes: Supplied with 48” (1220mm) 18AWG wires. Not supplied with a dimmer switch. Black coated leads for non-dimable model. White coated leads for dimmable model.



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E-Z MOUNT INCANDESCENT KITCHEN EXHAUST HOOD LIGHTING FIXTURES

*"**TUFF-SKIN**" coating eliminates hot spot browning and discoloration of globe
• UL Listed to 80ºC (176ºF) • 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 392ºF (200ºC), 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 392ºF (200ºC), 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 392ºF (200ºC), 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 392ºF (200ºC), 600V; Insulation: Silicone Rubber with Treated Glass Bead Sleeving; Includes Wire Guard

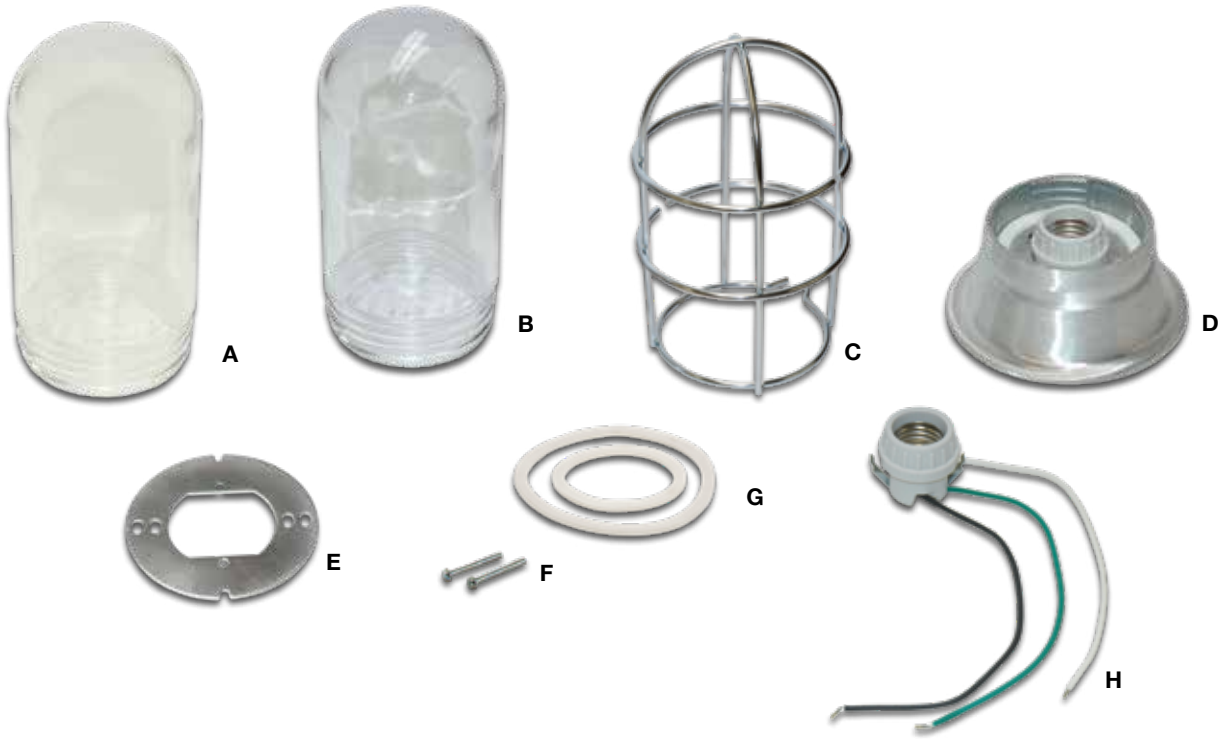
SPECIFICATIONS

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

NSF COMPONENT

CSA CERTIFIED File No. LR63261

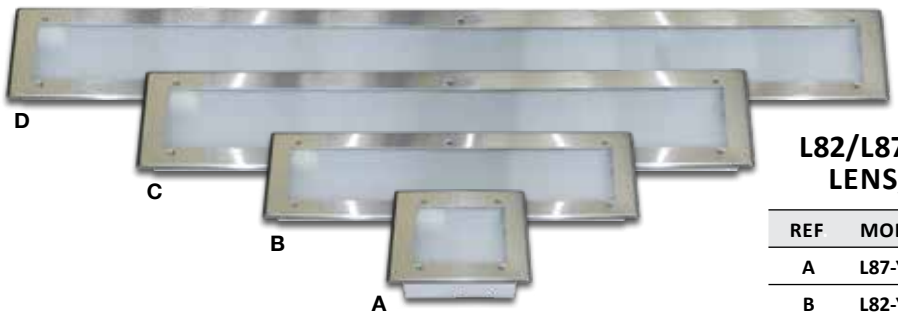
c UL us LISTED File No. E80045



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 392ºF (200ºC), 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
H	**L55-X003**	Porcelain Socket, Snap-In with 3 Leads
	L55-X003-HT	Porcelain Socket; Wires Rated to 392ºF (200ºC), 600V; Wire Leads 14AWG, 9" (229mm) Long Stripped End. Insulation: Silicone Rubber with Treated Glass Bead Sleeving; Includes Wire Guard

CERTIFIED
File No. LR63261



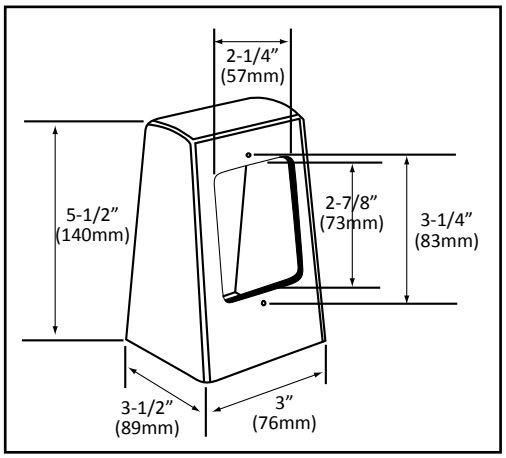
L82/L87 SERIES REPLACEMENT LENS/FRAME ASSEMBLIES

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

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) • Ground screw provided • U.L. Listed #48 C6

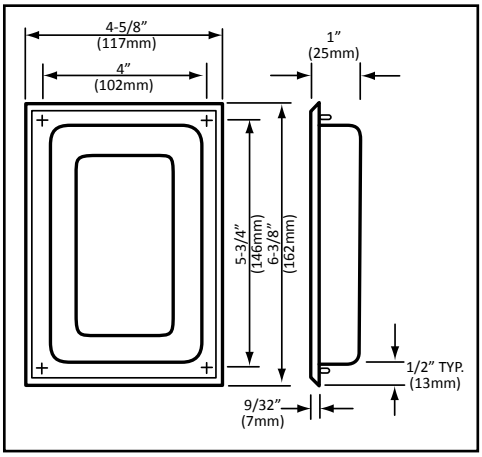
MODEL NO.	DESCRIPTION
R58-1010	Single Faced
R58-1020	Double Faced



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

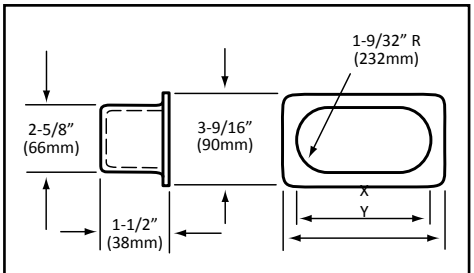
MODEL NO.	DESCRIPTION
R73-1210	For "J" Mounting Box
R73-1212	For Control Switch Application (without cutout)



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)



NOTE: HOLE PATTERNS TO SUIT ROBERT SHAW CONTROLS AVAILABLE ON REQUEST

PILOT LIGHT SWITCH

• 120/125 VAC single pole • 15 amp
• 1/25 watt red neon pilot light
• Operating temperature range -30°C to 60°C
• UL-94-V2 flammability rating• Brown finish
• Side wiring for #12 and #14 AWG

MODEL NO.	DESCRIPTION
R65-3228	Neon Lite "T" Rated Single Pole

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

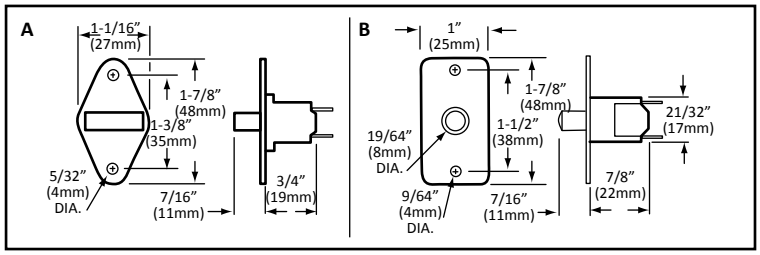
MODEL NO.	DESCRIPTION
R69-1630	15 Amps, 1.875kW
R69-1631	20 Amps, 2.5kW

D

CONTACT SWITCHES

• Normally Closed (ON) Momentary Contact
• Ratings: .25 AMPS 250V, .75 AMPS 125V • General purpose, AC rated
• Single pole, single throw • Screw terminals

REF.	MODEL NO.	DESCRIPTION
A	**R62-8406**	Rocker Style with Bakelite Rocker Arm, Flush Mount
B	**R61-8410**	SPST Push Button Style with Backlite Plunger, Back Panel Mount



File No. E2702

CERTIFIED
File No. 09002

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
R70-0723	Blank Plate

EQUIPMENT LEGS

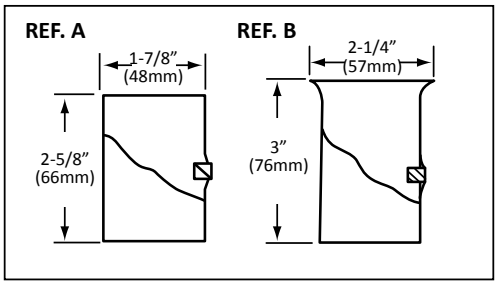
E

LEG SOCKETS & SHELF SUPPORTS	E117
STAINLESS STEEL LEG SOCKETS	E118
FOOT INSERTS FOR ROUND TUBING	E119
SEISMIC RESTRAINT & ENGINEERED PLASTIC ADJUSTABLE FOOT INSERTS	E120
ADJUSTABLE FOOT INSERT FEATURES FULL 3" ADJUSTMENT	E121
FOOT INSERTS FOR SQUARE TUBING	E122
FLANGED FOOT INSERTS FOR ROUND AND SQUARE TUBING	E123
SECURITY/SEISMIC HEAVY-DUTY LEG ASSEMBLIES	E124
ABS PLASTIC EQUIPMENT LEGS	E125
ECONOMY ZINC DIE CAST EQUIPMENT LEGS	E126
STAINLESS STEEL EQUIPMENT LEGS	E127-E129
STAINLESS STEEL EQUIPMENT LEGS FEATURE FULL 3" ADJUSTMENT	E130
EXTRA WIDE STAINLESS STEEL CLAD EQUIPMENT LEGS	E131
S/S ONE PIECE LEG ADDEMBLIES WITH FULL 3" ADJUSTMENT	E132
CUSTOM STAINLESS STEEL LEG ASSEMBLIES	E133
ORDER FORM-CUSTOM STAINLESS STEEL H-FRAME ASSEMBLY	E134
APPLIANCE LEGS	E135-E138
ACCESSORIES	E139-E141

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. Tubng or 1-1/4" (32mm) IPS Pipe
A	**A28-0207-C**	2-5/8" (66mm)	ZINC PLATED	

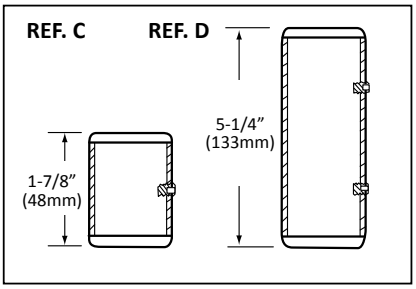


STAINLESS STEEL TUBULAR SHELF SUPPORTS

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. Tubng
D	**A24-0207-C**	5-1/4" (133mm)	1-5/8" (41mm) O.D. Tubng

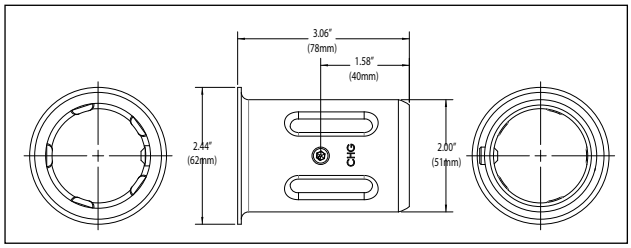


16 GAUGE ALL STAINLESS STEEL LEG SOCKET

- 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

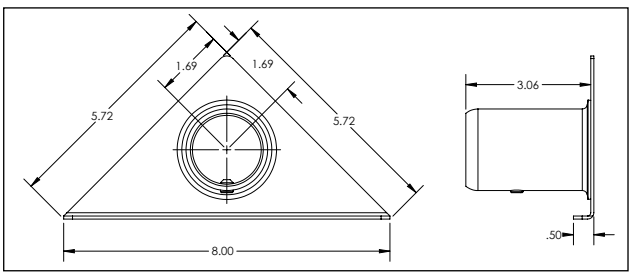
PATENT PENDING



TYPE 304 STAINLESS STEEL TRIANGULAR MOUNTING PLATE

- 14-GA. THICK

MODEL NO. A18-0306-C



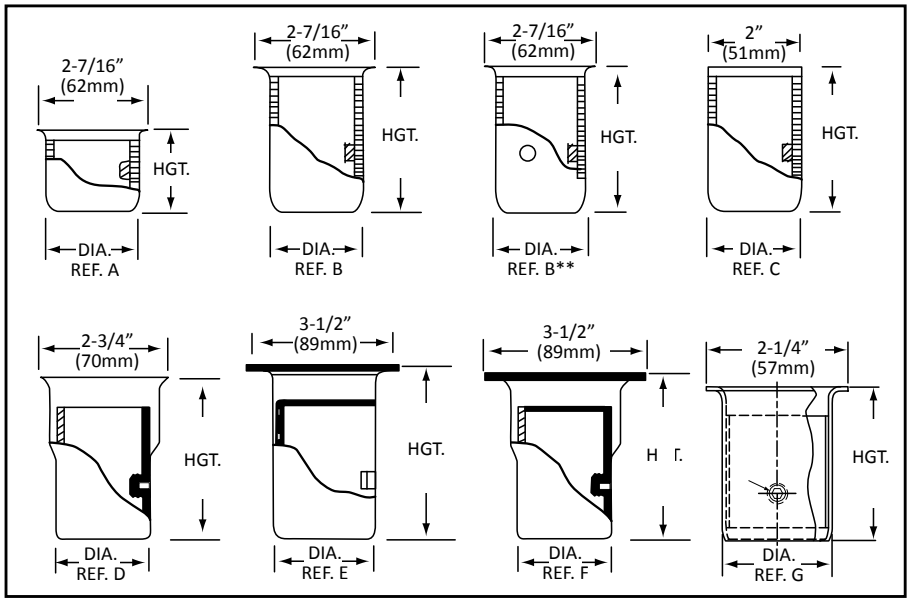
NSF STANDARDS GOVERNING THE USE OF SET SCREWS IN NON-FOOD ZONES REQUIRE THE PLUGGING OF THE HEX SOCKET HOLE AFTER FINAL ASSEMBLY AND TIGHTENING. THIS MAY BE ACCOMPLISHED BY APPLYING A HARDEsNING TYPE SILICONE SEALANT OR THE USE OF A HOLE PLUG.
STANDARD NSF TYPE PUSH-IN PLASTIC HOLE PLUGS ARE AVAILABLE. **SPECIFY A10-0020** WHEN ORDERING.
ADDITIONAL 5/16-24 SET SCREWS ARE AVAILABLE. **SPECIFY A18-X001** WHEN ORDERING.

NSF COMPONENT

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)	1-5/8" (41mm) O.D. Tubing or 1-1/4" I.P.S. Pipe	2" (51mm)
C*	A18-0203-C	3-1/4" (82mm)		
B	A18-0206-C	3-1/16" (78mm)		
E	A18-0406-C	3-1/8" (79mm)		
B**	A18-9900-C	3-1/16" (78mm)		
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) O.D. Tubing	1-3/4" (44mm)
E	A18-0402-C	2-1/2" (64mm)		



NICKEL PLATED STEEL HEX HEAD SET SCREW

REF. F MODEL NO. A18-X001

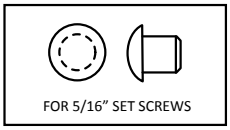
5/16-24 X 5/16"L

FOR USE WITH ALL COMPONENT HARDWARE BRAND LEG SOCKETS. ASSURES EQUIPMENT LEG IS SECURELY FASTENED TO LEG SOCKET.

SET SCREW HOLE PLUGS

REF. G MODEL NO. A10-0020

TO COMPLY WITH NSF REQUIREMENTS... ALL SET SCREW SOCKET OPENINGS MUST BE PLUGGED AFTER FINAL ASSEMBLY AND TIGHTENING



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

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.

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

E

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)	
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)	2" (52mm) O.D. Tubing 16 ga (1.5mm)

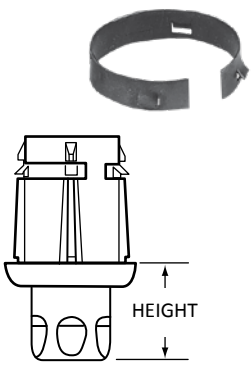
*** SHOWN WITH OPTIONAL POSI-GRIP LOCKING RING**

NSF COMPONENT

*OPTIONAL POSI-GRIP LOCKING RING

MODEL NO. A10-0010-C

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



STAINLESS STEEL CLAD PLASTIC ADJUSTABLE FOOT INSERT

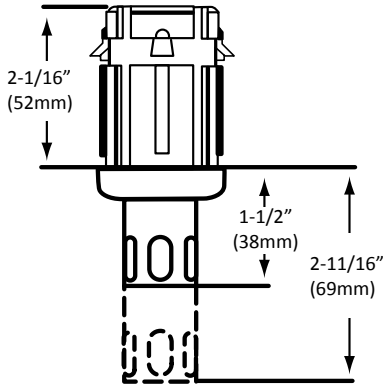
FOR 1-1/2”(38mm) AND 1-5/8” (41mm) ROUND TUBING

NSF COMPONENT

- 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)

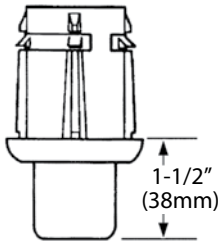
ADJUSTABLE SEISMIC RESTRAINT FOOT

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.



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

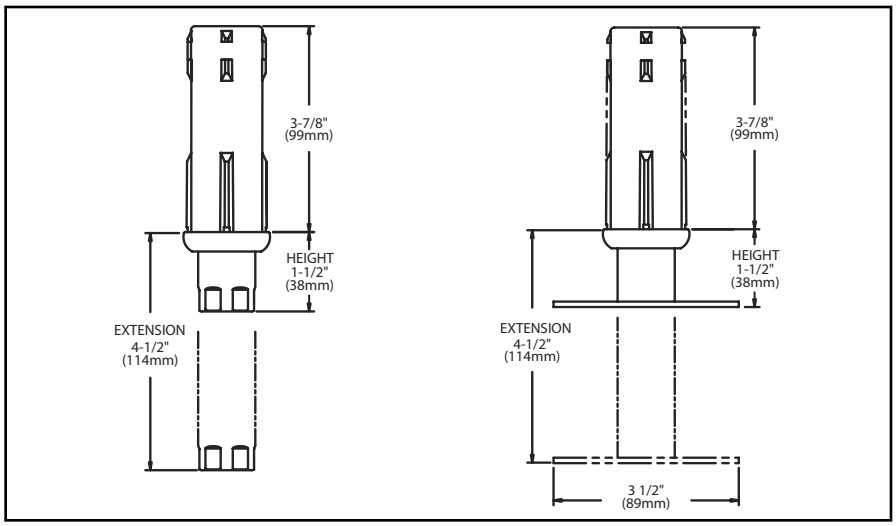
Adjustable Foot Inserts, specified by Engineers and Consultants, are specifically designed to meet pending OSHA requirements which suggest maximum counter and table adjustments to permit comfortable working environments.

E

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

NSF COMPONENT

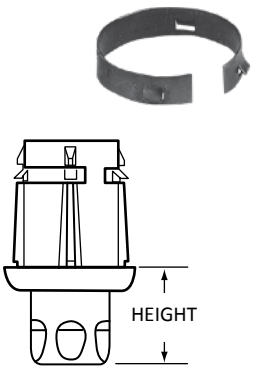
MODEL NO.	DESCRIPTION	TYPE	HEIGHT	ADJ.	LOAD RATING
A10-0881-C	Stainless Steel	Hex	1-1/2” (38mm)	3” (76mm)	2000 lbs (900 kg)
A10-0884-C	S/S Flanged W/ (2) 11/32” (9mm) Dia. Mounting Holes	Flanged	1-1/2” (38mm)	3” (76mm)	2000 lbs (900 kg)



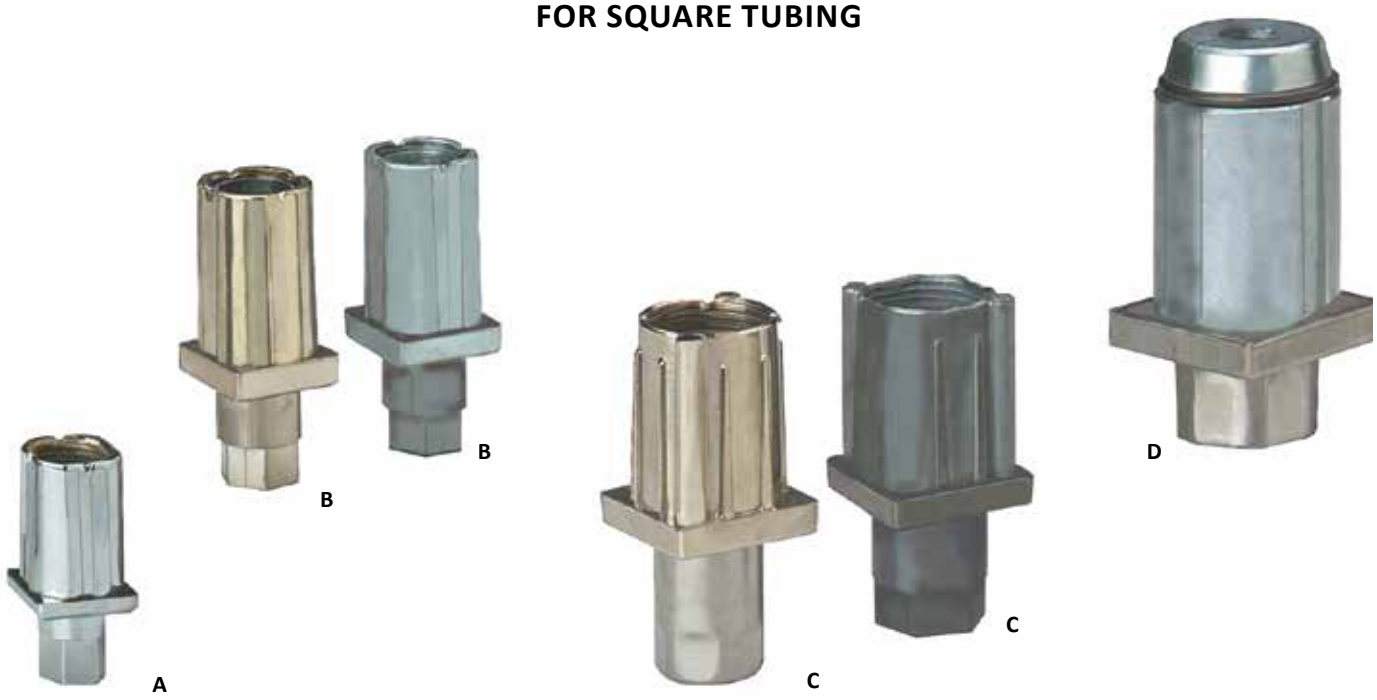
***OPTIONAL POSI-GRIP LOCKING RING**

MODEL NO. A10-0010-C

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

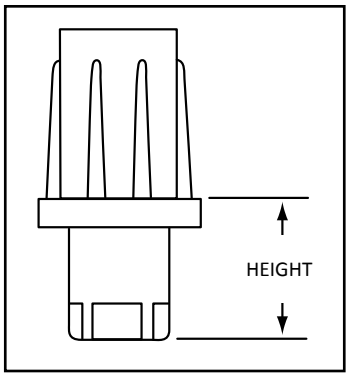


ADJUSTABLE FOOT INSERTS
FOR SQUARE TUBING



NSF COMPONENT

- 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)	
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)	
D	**A15-0851-C**	Stainless Steel Clad	HEX	1" (25mm)	2" (51mm)	2300 (1040)	2" (51mm) SQ. Tubing 16 ga (1.5mm)

FLANGED ADJUSTABLE FOOT INSERTS
FOR ROUND OR SQUARE TUBING OR PIPE

A

B

C

D

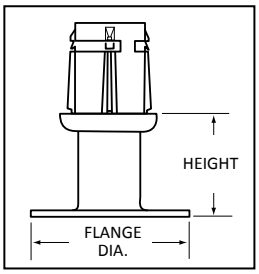
E

F

G

NSF COMPONENT

- 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 EQUIPMENT LEGS STAINLESS STEEL

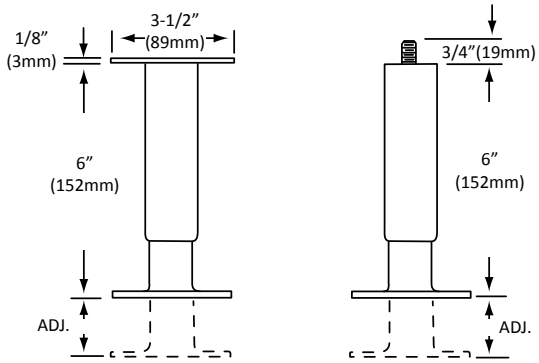
- THREADED STEEL STUD OR WELDED MOUNTING PLATE PROVIDED FOR EASY MOUNTING OF LEGS TO EQUIPMENT
- FOOT INSERTS ARE PROVIDED WITH A 3-1/2" (89mm) DIA. 11 ga (3mm) FLANGE
- ALL LEGS MAY BE FURNISHED TO MEET SPECIFIC REQUIREMENTS WITH SPECIAL STUDS AND/OR MOUNTING PLATES
- LEGS MAY BE FURNISHED IN SETS OF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

NSF COMPONENT

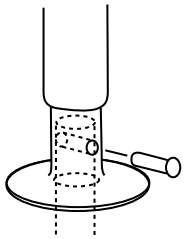
E

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



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.

SPECIFICATIONS

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

FINISH: #4 SATIN FINISH

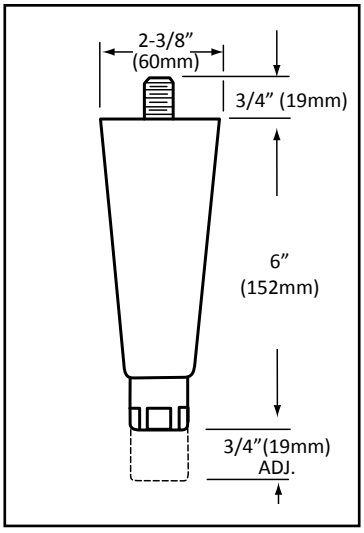
TOE ADJUSTMENT: LEGS ARE 6" (152mm) IN HEIGHT AND PROVIDE 1-1/2" (38mm) ADJUSTMENT

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

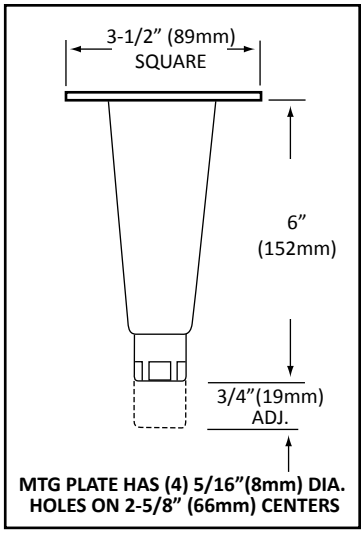
HIGH IMPACT ABS PLASTIC EQUIPMENT LEGS

NSF COMPONENT

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



MTG PLATE HAS (4) 5/16"(8mm) DIA. HOLES ON 2-5/8" (66mm) CENTERS

E

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 E140 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

ECONOLINE EQUIPMENT LEGS
DIE CAST ZAMAK

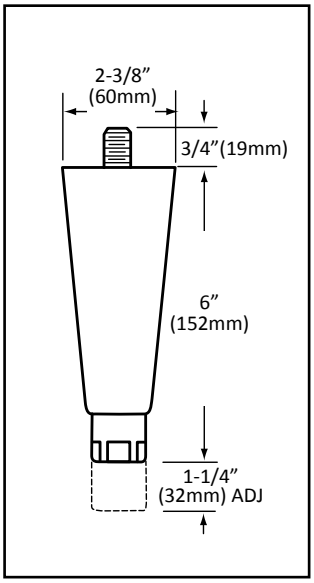
- THREADED STEEL STUD OR REMOVABLE MOUNTING PLATE PROVIDED FOR EASY MOUNTING OF LEGS TO EQUIPMENT
- FOOT INSERTS ARE HEX SHAPED TO PERMIT QUICK HEIGHT ADJUSTMENT
- ALL LEGS MAY BE FURNISHED TO MEET SPECIFIC REQUIREMENTS WITH SPECIAL STUDS AND/OR MOUNTING PLATES
- LEGS MAY BE FURNISHED PACKAGED IN SETS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

E

NSF COMPONENT

Available in finishes of...

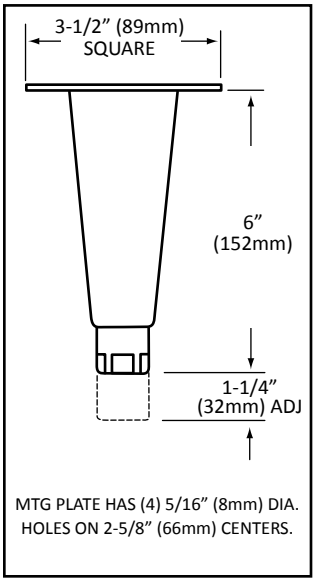
- NICKEL, BLACK EPOXY, GRAY EPOXY
- DURABLE, CHIP-RESISTANT FINISH
- REMOVABLE MOUNTING PLATE or PROTRUDING STUD
- WRENCH FLATS ON TOE FOR EASY ADJUSTMENT



ECONOLINE DIE CAST EQUIPMENT LEGS

MODEL NO.	MOUNTING TYPE	LEG FINISH	FOOT TYPE
AE61-2003-C*	Furnished With 1/2-13 Protruding Stud	Black Epoxy	Hex
AE61-2104-C		Gray Epoxy	Hex
AE61-4002-C		Nickel	Hex
AE61-5002-C		Nickel	S/S Hex
AE62-4002-C	Furnished With 5/8-11 Protruding Stud	Nickel	Hex
AE62-2104-C		Gray Epoxy	Hex
AE62-5002-C		Nickel	S/S Hex
AE63-2003-C	Furnished With 1/2-13 Flush Stud W/ 3-1/2" Square Removable Mounting Plate**	Black Epoxy	Hex
AE63-4002-C		Nickel	Hex
AE63-2104-C*		Gray Epoxy	Hex
AE63-5002-C		Nickel	S/S Hex

* NON-STOCK ITEM - SEE PAGE E140 FOR MOUNTING PLATE DETAILS



MTG PLATE HAS (4) 5/16" (8mm) DIA. HOLES ON 2-5/8" (66mm) CENTERS.

SPECIFICATIONS

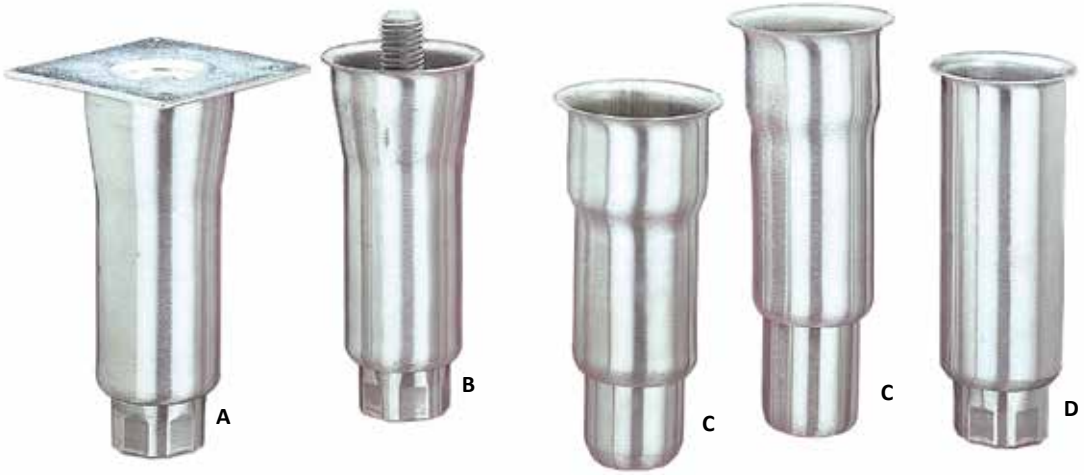
MATERIAL: DIE CAST ZAMAK CONSTRUCTION

TOE ADJUSTMENT: LEGS ARE 6" (152mm) IN HEIGHT AND PROVIDE 1-1/4" (32mm) ADJUSTMENT

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

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

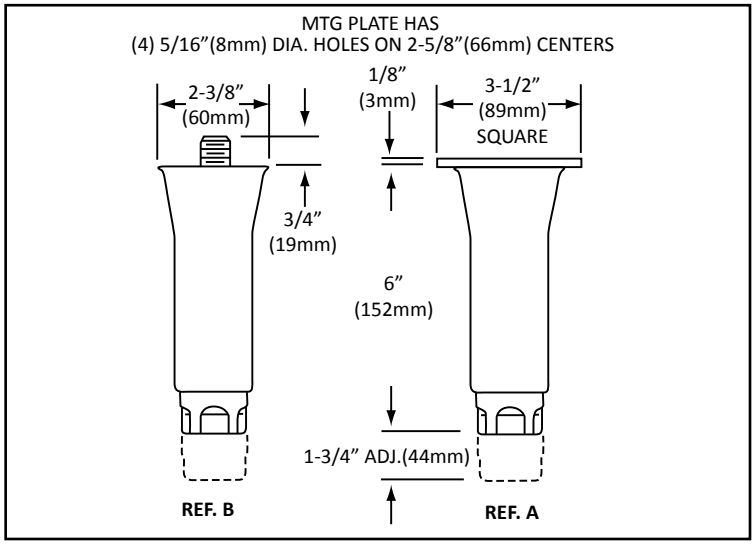


HEAVY-DUTY STAINLESS STEEL 2" (51mm) O.D. EQUIPMENT LEGS

NSF COMPONENT

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

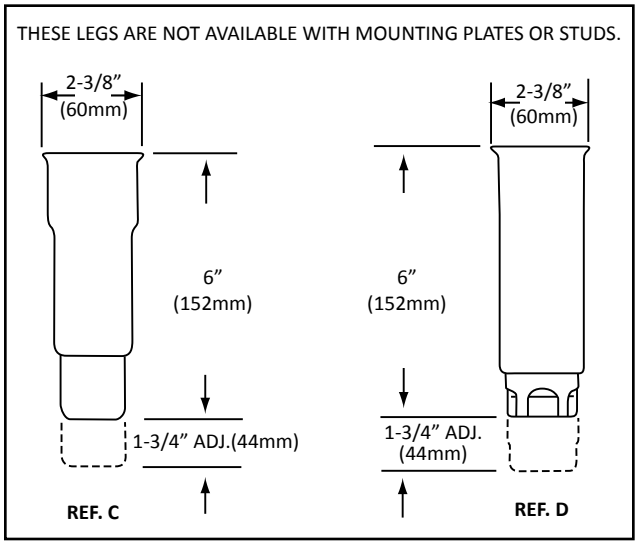
REF.	MODEL NO.	DESCRIPTION	FOOT	HEIGHT	ADJ.
A	A77-5048-C	Furn. With Removable Mounting Plate	Hex	6" (152mm)	1-3/4" (44mm)
NOT SHOWN	A78-5048-C	Furn. With 3/4"-10 Flush Stud	Hex	6" (152mm)	1-3/4" (44mm)
B	A79-5048-C	Furn. With 3/4"-10 Protruding Stud	Hex	6" (152mm)	1-3/4" (44mm)



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

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

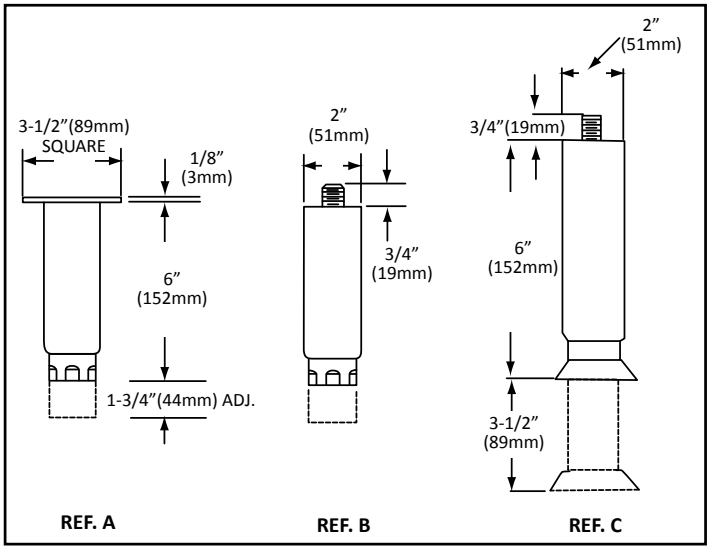
E

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

NSF COMPONENT

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)

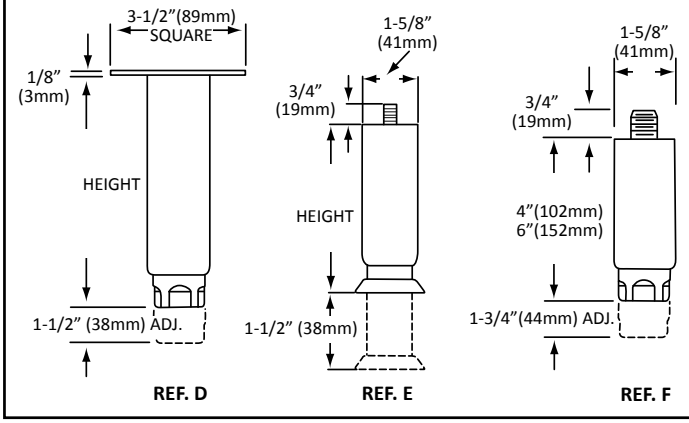
MOUNTING PLATES HAVE (4) 5/16"(8mm) DIA. HOLES ON 2-5/8"(66mm) CENTERS.



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

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

MODEL NO. A48-5032-C IS NSF LISTED AS A HEAVY-DUTY APPLIANCE LEG.
MODEL NO. A48-5048-C IS NSF LISTED AS A HEAVY-DUTY EQUIPMENT LEG.



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

HEAVY-DUTY STAINLESS STEEL EQUIPMENT LEGS

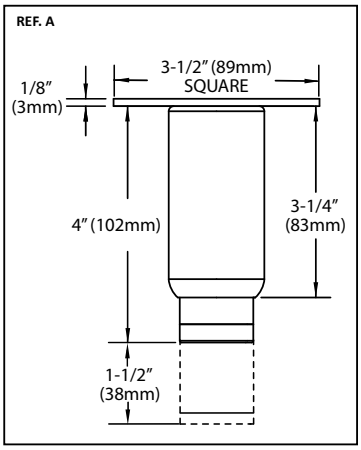
• 1-5/8" (41mm) AND 2" (51mm) DIAMETER MODELS AVAILABLE IN 4" (102mm) AND 6" (152mm) HEIGHTS
• SUPPLIED WITH 3-1/2" (89mm) SQUARE REMOVABLE MOUNTING PLATE
• BLACK THERMOPLASTIC GLIDE REDUCES SCRATCHING OF COUNTERTOPS AND PROVIDES A CONTEMPORARY LOOK
• SATIN FINISH TO MATCH EQUIPMENT • 2000 lb (900 kg) STATIC LOAD RATING

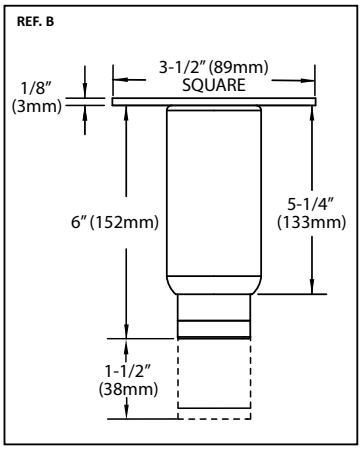
HEAVY- DUTY STAINLESS STEEL 1-5/8" (41mm) AND 2" (51mm) O.D. EQUIPMENT LEGS

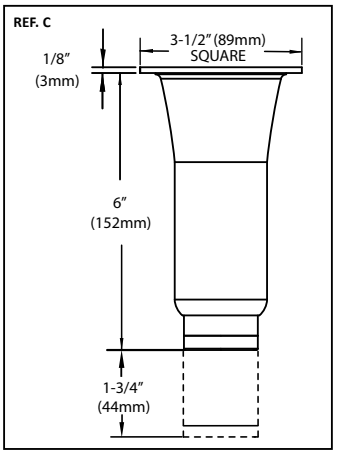
NSF COMPONENT

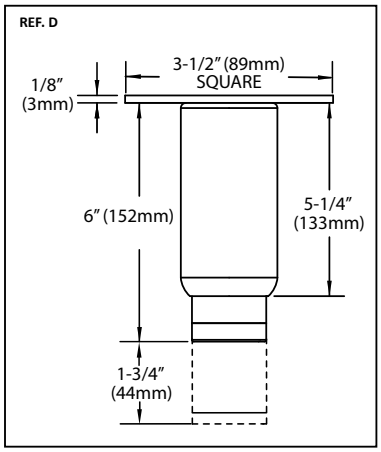
REF.	MODEL NO.	DESCRIPTION	HEIGHT	O.D.
A	**AB48-5032-C**	W/ Removable 3-1/2" Square Mounting Plate	4" (102mm)	1-5/8" (42mm)
B	**AB48-5048-C**	W/ Removable 3-1/2" Square Mounting Plate	6" (152mm)	1-5/8" (42mm)
C	**AB84-5048-C**	W/ Removable 3-1/2" Square Mounting Plate	6" (152mm)	2" (51mm)

SEE PAGE E140 FOR MOUNTING PLATE DETAILS









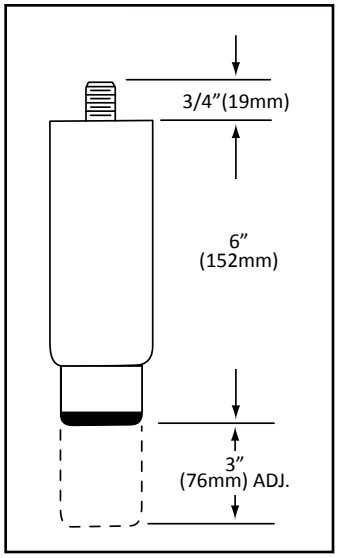
SPECIFICATIONS

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

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

E



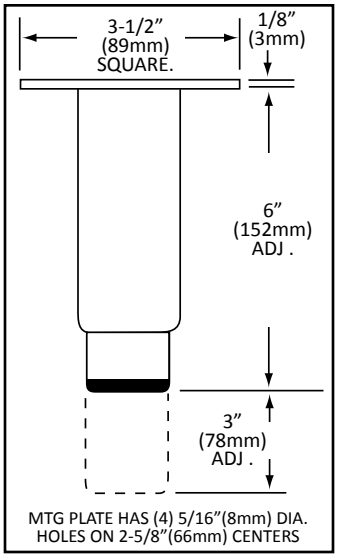
NSF COMPONENT

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

2-1/2” OD HEAVY DUTY STAINLESS STEEL EQUIPMENT LEGS

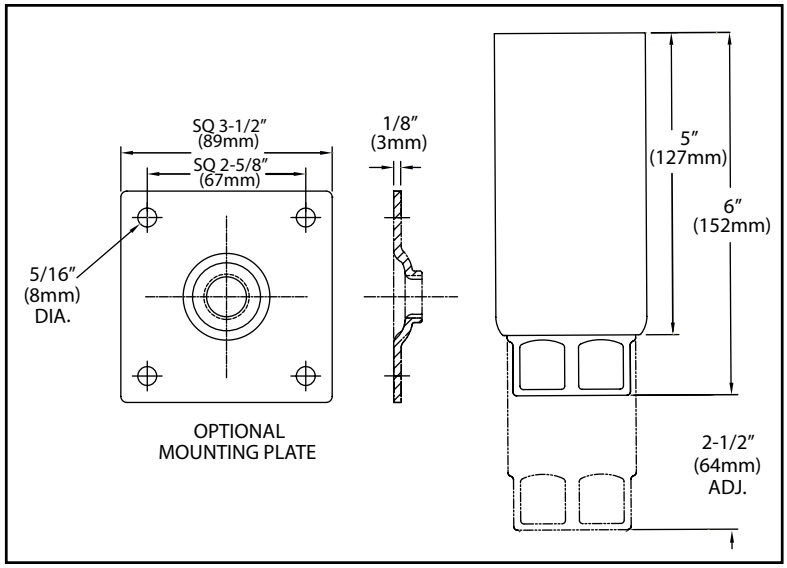
• EXTRA WIDE 2-1/2” (64mm) DIAMETER PROVIDES A STABLE LEG BASE
• AVAILABLE WITH A 3/4”-10 FLUSH OR PROTRUDING STUD • FULL 2-1/2” HEIGHT ADJUSTMENT
• IDEAL FOR HEAVY RANGES, OVENS & FOOD PROCESSING EQUIPMENT

REF.	MODEL NO.	DESCRIPTION	HEIGHT
A	**A68-5048-C**	Furnished With 3/4”-10 Protruding Stud	6” (152mm)
B	**A44-X341-C**	Furnished With 3-1/2” (89mm) Square Removable Mounting Plate	____

NSF COMPONENT

A

B



E

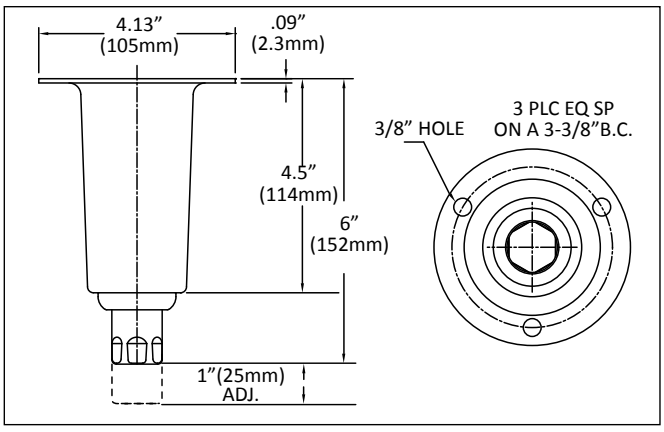
SPECIFICATIONS

MATERIAL: STAINLESS STEEL CONSTRUCTION
FINISH: SATIN FINISH
TOE ADJUSTMENT: LEGS ARE 6” (152mm) IN HEIGHT AND PROVIDE 2-1/2” (64mm) ADJUSTMENT
STATIC LOAD RATING: 2500 lbs PER LEG

CHROME PLATED EQUIPMENT LEG

MODEL NO. A99-9906-C

• ADJUSTABLE HEX FOOT IS STAINLESS STEEL CLAD
• MATCHES INDUSTRY STANDARD SPECIFICATION



SPECIFICATIONS

MATERIAL: CHROME PLATED STEEL CONSTRUCTION
FINISH: POLISHED CHROME
TOE ADJUSTMENT: LEGS ARE 6” (152mm) IN HEIGHT AND PROVIDE 1” (25mm) ADJUSTMENT
STATIC LOAD RATING: 2000 lbs (900 kg) PER LEG

STAINLESS STEEL LEG ASSEMBLIES

NSF COMPONENT

E

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

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.

E

LEG ASSEMBLIES FOR CUSTOM APPLICATION

ORDERING INFORMATION FOR 1-5/8" (41mm) & 2" (51mm) O.D. LEG ASSEMBLIES

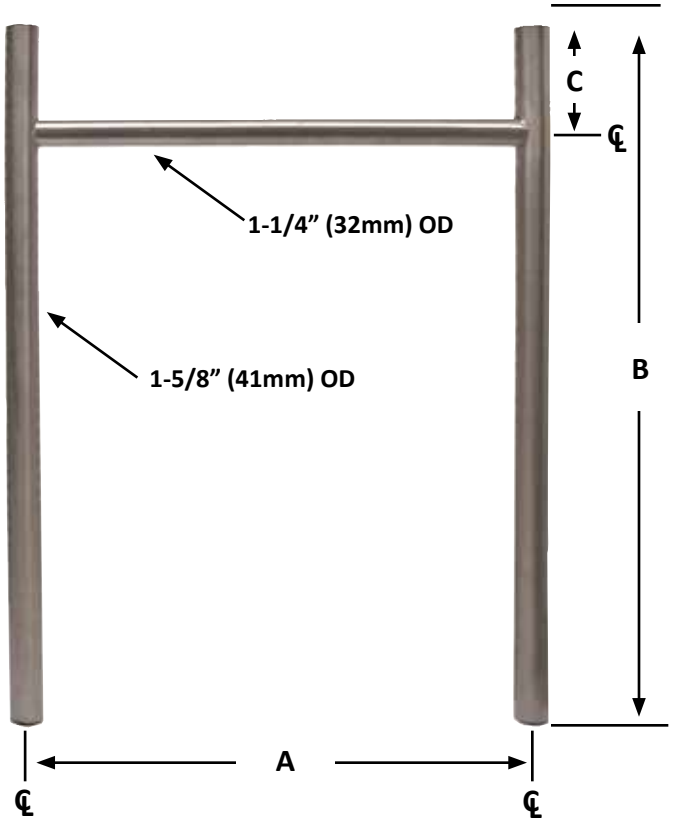
FOR 1-5/8" (41 mm) O.D. LEG ASSEMBLIES USE PREFIX...A46 THRU A50 (SHOWN SHADED PURPLE ON CHART).
FOR 2" (51 mm) O.D. LEG ASSEMBLIES USE PREFIX...A52 THRU A56.

NSF COMPONENT / OPTIONAL TOES AVAILABLE	CUSTOM LEG TOPS AVAILABLE				
	PLAIN	WELDED PLATE	REMOVABLE PLATE	FLUSH 1/2-13 STUD	PROTRUDING 1/2-13 STUD
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.

AH46 SERIES CUSTOM STAINLESS STEEL H-FRAME ASSEMBLY

- 16 GAUGE STAINLESS STEEL
- 1-5/8" O.D. UPRIGHTS WITH 1-1/4" O.D. CROSS MEMBER
- COMPLETELY WELDED AND POLISHED
- SATIN FINISH
- ECONOMICAL
- CONVENIENT
- WIDE ARRAY OF POP-IN ADJUSTABLE FOOT INSERTS AVAILABLE
- PACKED TWO/CARTON FOR EASY KD SHIPMENT
- NON-STOCK (90-120 DAYS DELIVERY)
- QUANTITY ORDERS ONLY
- MUST SPECIFY DIMENSIONS A, B, C WHEN ORDERING



E

TOE OPTIONS

STAINLESS STEEL HEX
A10-0851-C

STAINLESS STEEL ROUND
A10-0852-C

PLASTIC HEX (BLACK)
A10-0831-C

PLASTIC HEX (GRAY)
A10-0841-C

METAL DIE CAST HEX
A10-0811-C

S/S 3" ADJUSTABLE HEX
A10-0881-C

STAINLESS STEEL
FLANGED (NO HOLES)
A10-0853-C

STAINLESS STEEL
FLANGED (WITH HOLES)
A10-0854-C

3" ADJUSTABLE
A10-0884-C

To Order:

Company Name _____

Contact Person _____

Address _____

_____

Purchase Order No. _____

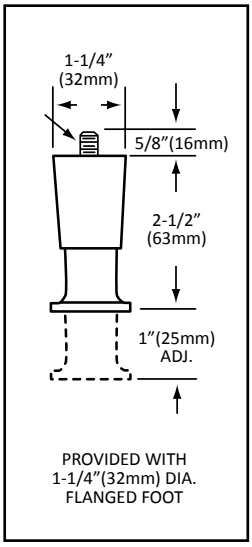
Phone/email _____

QTY	A-DIM	B-DIM	C-DIM

ADJ. FOOT *Please indicate none if no feet are required

Return completed information to CHG, or contact us.

1890 Swarthmore Avenue • Lakewood • NJ 08701 • Tel. 800-526-3694 • 732-363-4700 • Fax 732-364-8110



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

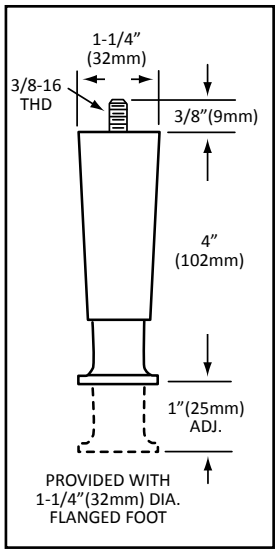
- DIE CAST ZAMAK with NICKEL PLATED POLISHED FINISH
- FLANGE FOOT
- 2000 lbs (900 kg) STATIC LOAD CAPACITY PER LEG

MODEL NO. AE60-1453

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



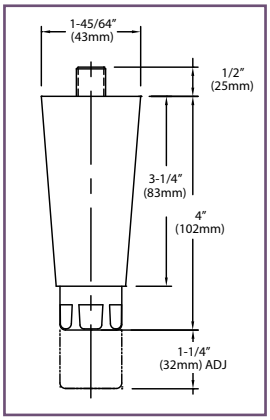
NSF COMPONENT

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



NSF COMPONENT

HEAVY DUTY S/S APPLIANCE LEG

- 4" (102mm) HIGH
- 1/2" (51mm) DIA. FLANGE WITH PLASTIC GLIDE
- CONTEMPORARY DESIGN
- IDEAL FOR COFFEE MACHINES AND BEVERAGE DISPENSERS
- SATIN FINISH

MODEL NO. A99-9940-C

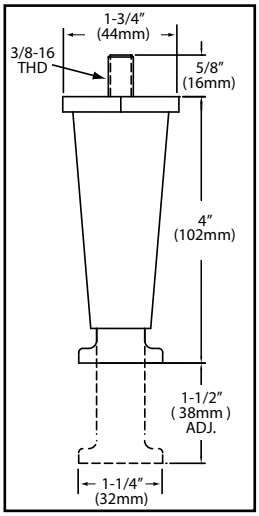
NSF COMPONENT

SKID RESISTANT APPLIANCE LEG

- IDEAL FOR BEVERAGE DISPENSERS AND OTHER LARGE COUNTERTOP APPLIANCES
- 4" (102mm) HIGH • BLACK THERMOPLASTIC FINISH • STATIC LOAD CAPACITY 200 LBS
- SPECIALLY ENGINEERED SLIP RESISTANT BLACK RUBBER FLANGED TOE COMPRESSES THE RUBBER FLANGE UNDER LOAD TO MINIMIZE LEG SLIPPAGE ON VARIOUS WORK SURFACES • PATENT PENDING

MODEL NO. A60-0633-R

NSF COMPONENT



E

NSF COMPONENT

APPLIANCE LEGS

4" (102mm) HIGH
APPLIANCE LEGS

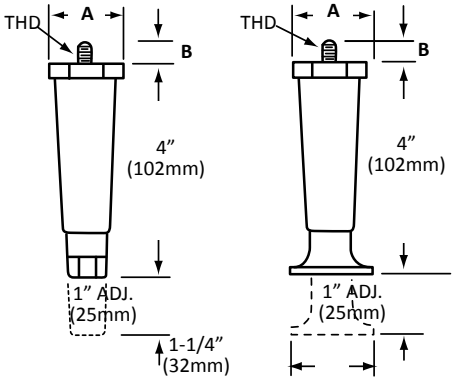
• **THERMOPLASTIC**
BLACK, GRAY or CHROME PLATED

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

LEG TYPE	*A	B
A60-16XX SERIES	1-7/16" (37mm)	3/8" (9mm)
A60-06XX SERIES	1-3/4" (44mm)	5/8" (16mm)

*ACROSS HEX CORNERS



PROTRUDING STUDS HAVE 3/8-16 THREADS

4" (102mm) HIGH
APPLIANCE LEGS

• DIE CAST METAL with SATIN NICKEL FINISH

STATIC LOAD CAPACITY 250 lbs

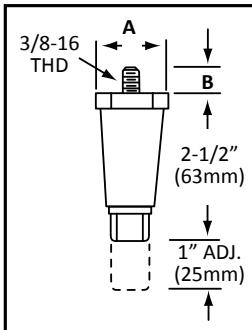
REF.	MODEL NO.	FINISH	FOOT TYPE	STEM SIZE
E	**A60-1651**	Satin Nickel	Hex	3/8-16 x 5/8"L
F	**A60-1653**	Satin Nickel	Flange	3/8-16 x 5/8"L
F	**A60-1653-SP1**	Satin Nickel	Flange	1/4-20 x 3/8"L
F	**A60-1653-SP2**	Satin Nickel	Flange	5/16-18 x 1"L
F	**A60-1653-SP3**	Satin Nickel	Flange	5/16-18 x 1/2"L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

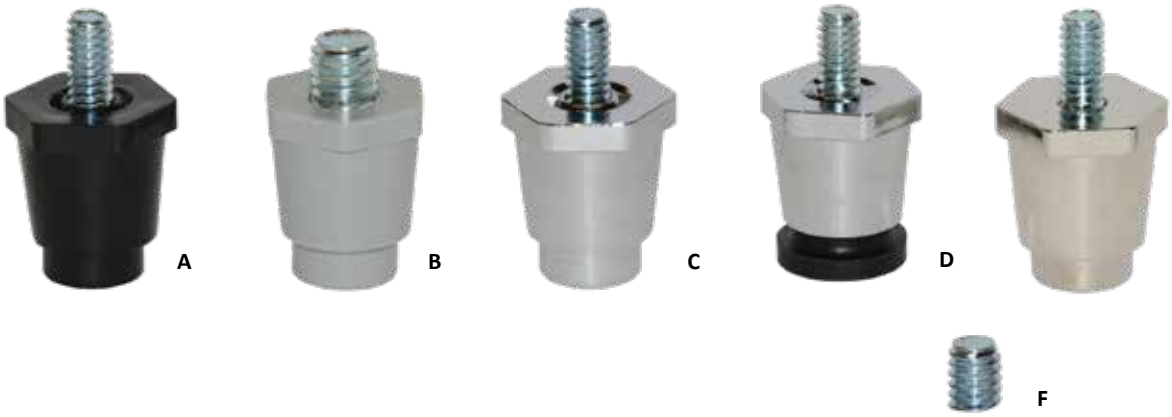
REF.	MODEL NO.	FINISH	FOOT TYPE
G	**A60-0431**	Black	Hex
H	**A60-0441**	Gray	Hex



"A" DIMENSION IS 1-7/16"(37mm) ACROSS HEX CORNERS.

"B" DIMENSION IS 5/8" (16mm).

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

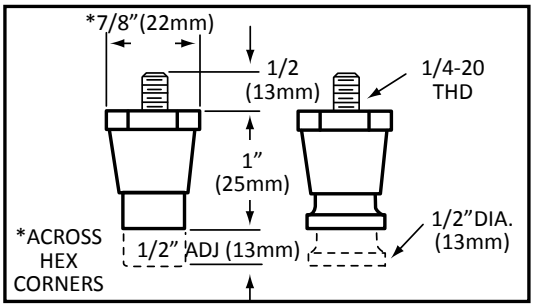
NSF COMPONENT

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

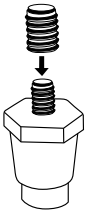
MODEL NO.	FINISH	FOOT TYPE
A60-2105	Chrome	Round

REF. F

THREAD CONVERTER

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

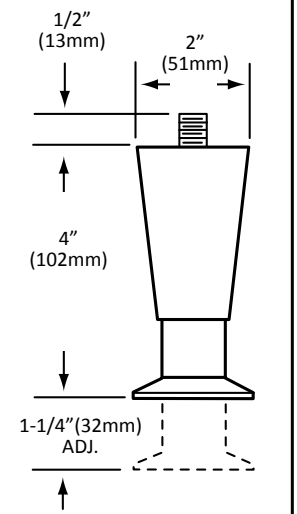
MODEL NO. A60-1438



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



PROVIDED WITH 2” (51mm) DIA.
FLANGED FOOT

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	
A70-2000	1/2-13 Protruding	Matte Nickel Plated Thermoplastic Body With Matte Nickel Plated Zamak Flanged Foot
A70-2010	1/2-13 Flush	
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

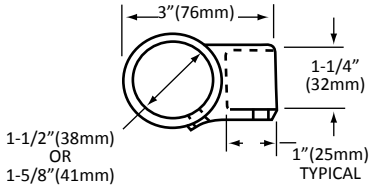
NSF COMPONENT

CROSS BRACE FITTINGS

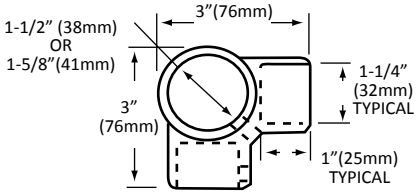
FOR 1-1/2” (38mm) O.D. LEGS and 1-5/8” (41mm) O.D. LEGS

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.

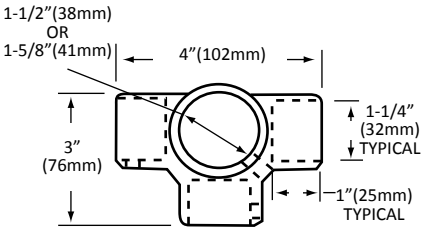
END CROSS BRACE FITTING
MODEL NO. A35-2020
TO SUIT 1-1/2” (38mm) VERTICAL LEGS
MODEL NO. A35-1020
MODEL NO. A35-1020-SS
TO SUIT 1-5/8” (41mm) VERTICAL LEGS



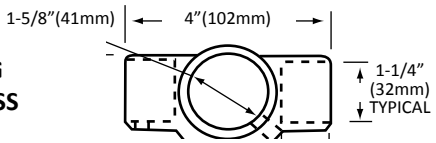
CORNER CROSS BRACE FITTING
MODEL NO. A35-2010
TO SUIT 1-1/2” (38mm) VERTICAL LEGS
MODEL NO. A35-1010
MODEL NO. A35-1010-SS
TO SUIT 1-5/8” (41mm) VERTICAL LEGS



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

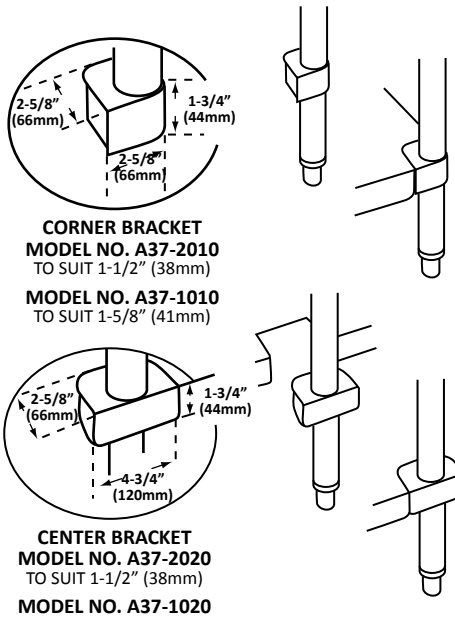


CENTER CROSS BRACE FITTING
MODEL NO. A35-1025-SS
TO SUIT 1-5/8” (41mm) VERTICAL LEGS



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.

NSF COMPONENT



CORNER BRACKET
MODEL NO. A37-2010
TO SUIT 1-1/2" (38mm)
MODEL NO. A37-1010
TO SUIT 1-5/8" (41mm)

CENTER BRACKET
MODEL NO. A37-2020
TO SUIT 1-1/2" (38mm)
MODEL NO. A37-1020
TO SUIT 1-5/8" (41mm)

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.

E

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.

REMOVABLE MOUNTING PLATES

• 11 ga (3mm) ZINC PLATED STEEL

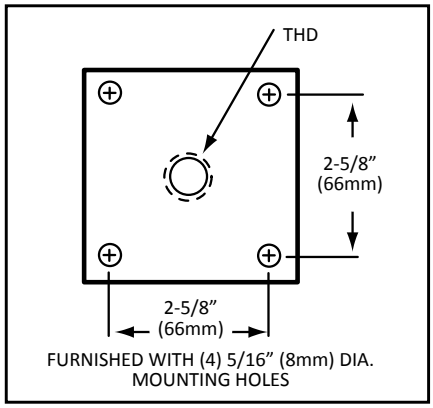
SQUARE MOUNTING PLATES

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)



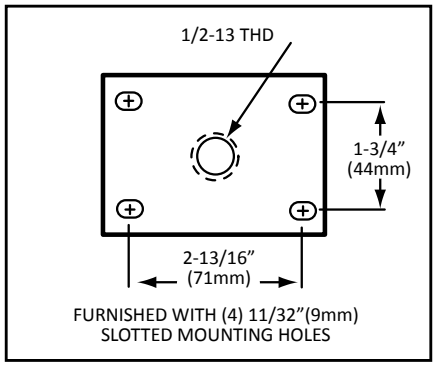
FURNISHED WITH (4) 5/16" (8mm) DIA. MOUNTING HOLES

NSF COMPONENT

RECTANGULAR MOUNTING PLATES

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

MODEL NO. A44-X327-C



FURNISHED WITH (4) 11/32"(9mm) SLOTTED MOUNTING HOLES

ADJUSTABLE

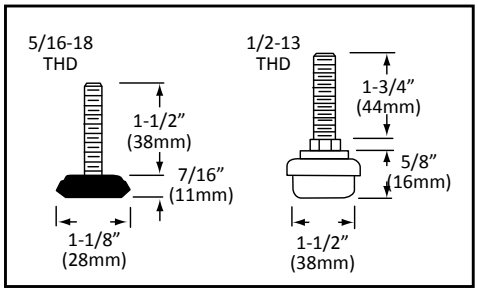
FOOT LEVELERS

• NON-MARKING

MODEL NO. A60-2724

500lbs load capacity per glide

MODEL NO. A60-4444



E

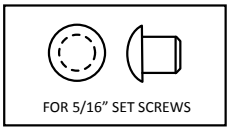
NSF COMPONENT

SET SCREW

HOLE PLUGS

MODEL NO. A10-0020

TO COMPLY WITH NSF REQUIREMENTS... ALL SET SCREW SOCKET OPENINGS MUST BE PLUGGED AFTER FINAL ASSEMBLY AND TIGHTENING



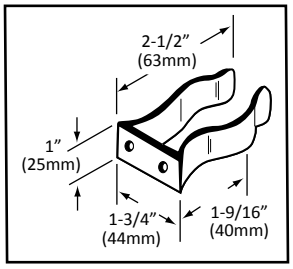
NSF COMPONENT

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

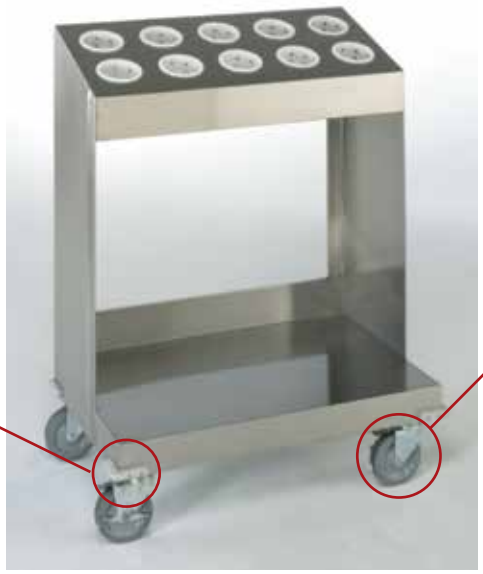


Plate Casters • Stem Casters
Expanding Fastener Casters
Rigid Casters • Brake Models
Universal Mounting Plate Models

CASTER TERMINOLOGY & SELECTION	F143
AVAILABLE WHEELS	F144
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CASTER CONFIGURATOR	F167

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.

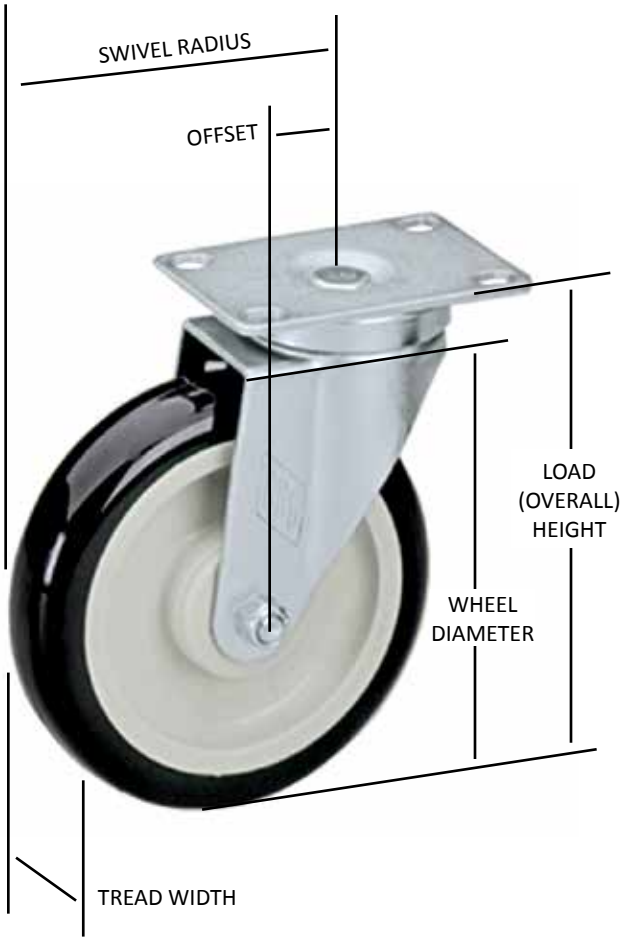
RIGID CASTERS
Plate models available from stock. Other styles available on application.

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.



F

NSF COMPONENT

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.

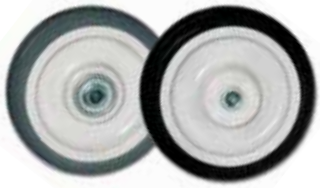
WHEELS AVAILABLE FROM STOCK

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 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.

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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.

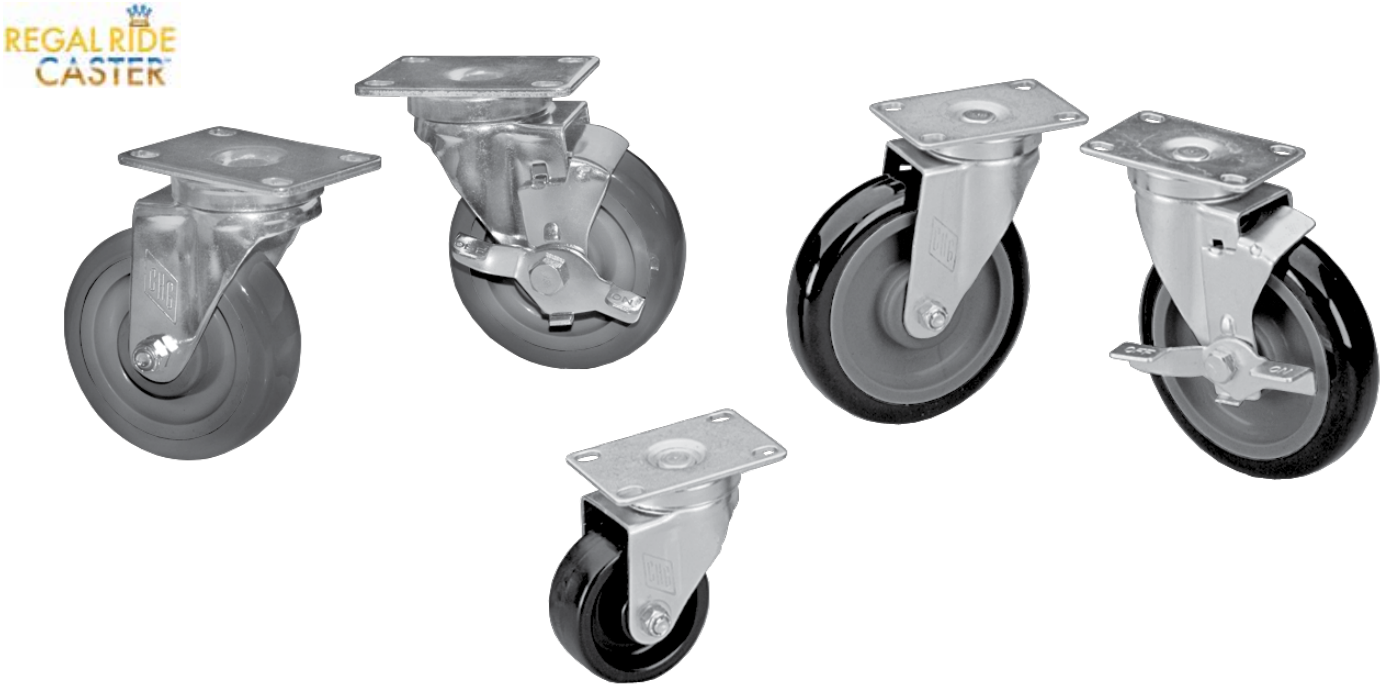
Regal Ride Caster Packs

REGAL RIDE CASTER™

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-4PBB	Medium	4" x 4-1/2" Swivel Plate	(2) CMP6-35PPB (2) CMP6-35PBB	4"	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-5HPUSP-5	Heavy	Triangular Plate	(2) CHP5-5PBB (2) CHP5-5PPB	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™

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



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

NSF COMPONENT

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
5" (127mm)	6" (152mm)	4" (102mm)	CMP1-5BPN	CMP1-5BBN	CMP1-5KPN*	CMP1-5KBN*	CMP1-5RPB	CMP1-5RBB	CMP1-5PPB	CMP1-5PBB
			—	—	—	—	CMP1-5RPB-B		—	—
			—	—	—	—	—	CMP1-5RBB-TB**	—	—

**Top Brake

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

NSF COMPONENT

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) 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	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

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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

NSF COMPONENT

*FOR PLATE HOLE PATTERN CONFIGURATION, REFER TO PG. F164-F166.

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

NSF COMPONENT

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**

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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

NSF COMPONENT

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**
1” (25mm) Stem Caster	3-1/2” (89mm)	4-7/16” (113mm)	3-1/4” (83mm)	**CMS1-35KPN**	**CMS1-35KBN**
1-1/4” (31mm) Stem Caster	3-1/2” (89mm)	4-7/16” (113mm)	3-1/4” (83mm)	**CMS2-35KPN**	**CMS2-35KBN**
1-1/2” (38mm) Stem Caster	3-1/2” (89mm)	4-7/16” (113mm)	3-1/4” (83mm)	**CMS3-35KPN**	**CMS3-35KBN**
1-5/8” (40mm) Stem Caster	3-1/2” (89mm)	4-7/16” (113mm)	3-1/4” (83mm)	**CMS4-35KPN**	**CMS4-35KBN**
2” (51mm) Stem Caster	3-1/2” (89mm)	4-7/16” (113mm)	3-1/4” (83mm)	**CMS5-35KPN**	**CMS5-35KBN**

***FOR PLATE HOLE PATTERN CONFIGURATION, REFER TO PG. F164-F166.**

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

NSF COMPONENT

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.
STEM SIZE 1/2-13 X 1-1/2" LONG STEM										
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 CASTER™

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

NSF COMPONENT

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

F

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

NSF COMPONENT

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

F

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

NSF COMPONENT

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

F

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. F164-F166.**

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

NSF COMPONENT

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**

F

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

F

NSF COMPONENT

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. F164-F166.**

NSF COMPONENT

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) 5” (127mm)	4-1/2” (114mm) 6-1/8” (160mm)	3-1/4” (83mm) 4” (102mm)	*C23-1135 *C23-1150	*C23-1136 *C23-1151	C23-2135 *C23-2150	C23-2136 *C23-2151	C23-3135 *C23-3150	C23-3136 *C23-3151
1-1/4” (32mm) Dia. Tubing Round Or Square	3-1/2” (89mm) 5” (127mm)	4-1/2” (114mm) 6-1/8” (160mm)	3-1/4” (83mm) 4” (102mm)	*C23-1235 *C23-1250	*C23-1236 *C23-1251	C23-2235 *C23-2250	C23-2236 *C23-2251	C23-3235 *C23-3250	C23-3236 *C23-3251
1-1/2” (38mm) Dia. Tubing Round Or Square Or 1-1/4” Pipe	3-1/2” (89mm) 5” (127mm)	4-1/2” (114mm) 6-1/8” (160mm)	3-1/4” (83mm) 4” (102mm)	*C23-1335 *C23-1350	*C23-1336 *C23-1351	C23-2335 *C23-2350	C23-2336 *C23-2351	C23-3335 *C23-3350	C23-3336 *C23-3351
1-5/8” (40mm) Dia. Tubing Round Or Square	3-1/2” (89mm) 5” (127mm) 6” (152mm)	4-1/2” (114mm) 6-1/8” (160mm) 7-1/8” (180mm)	3-1/4” (83mm) 4” (102mm) 4-1/2” (114mm)	*C23-1435 *C23-1450	*C23-1436 *C23-1451	C23-2435 *C23-2450	C23-2436 *C23-2451	C23-3435 *C23-3450	C23-3436 *C23-3451
2” (51mm) Dia. Tubing Round Or Square	3-1/2” (89mm) 5” (127mm) 6” (152mm)	4-1/2” (114mm) 6-1/8” (160mm) 7-1/8” (180mm)	3-1/4” (83mm) 4” (102mm) 4-1/2” (114mm)	*C23-1535 C23-1550	*C23-1536 C23-1551	C23-2535 C23-2550	C23-2536 C23-2551	C23-3535 *C23-3550	C23-3536 *C23-3551

F

NSF COMPONENT

C23 SERIES MEDIUM DUTY RIGID 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 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**	–

NSF COMPONENT

C21-SS SERIES MEDIUM DUTY
STAINLESS STEEL SWIVEL PLATE CASTERS

• LOAD CAPACITY OF 200 lbs (90 kg) PER CASTER • POLY-LOCWHEELS 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**

F

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 SquareE 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**

C31 SERIES HEAVY DUTY
SWIVEL PLATE CASTERS

NSF COMPONENT

- 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

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.

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.

- 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

NSF COMPONENT

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.

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

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)
5" (127mm)		8-1/2" (215mm)	1" (25mm)	**C47-0506**	**C47-0516**	300 lbs (135 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. F164-F166.

*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.

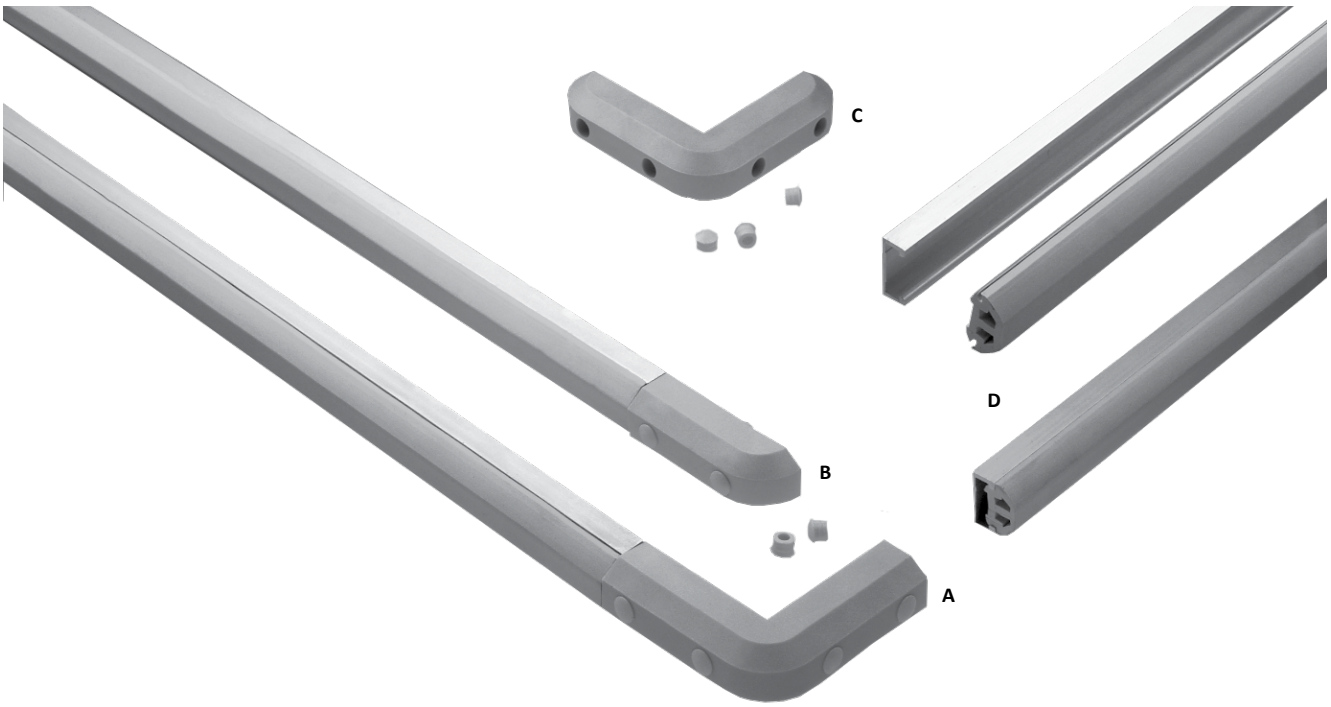
SAFETY SERIES 2" (51mm) O.D. CASTER LEG ASSEMBLIES

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.



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

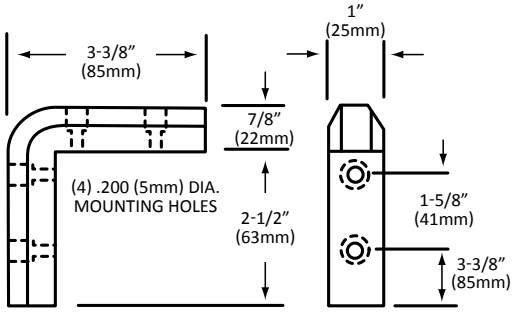
NSF COMPONENT

F

REF. A

CORNER INTERFACE
MODEL NO. C65-5090

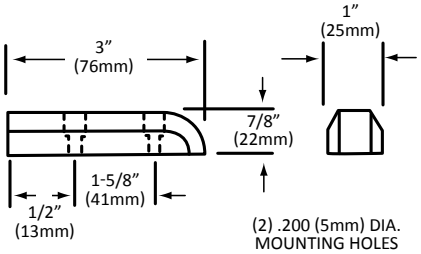
MATERIAL: GRAY PVC
FURNISHED WITH HOLE PLUGS



REF. B

END CAP INTERFACE
MODEL NO. C65-5000

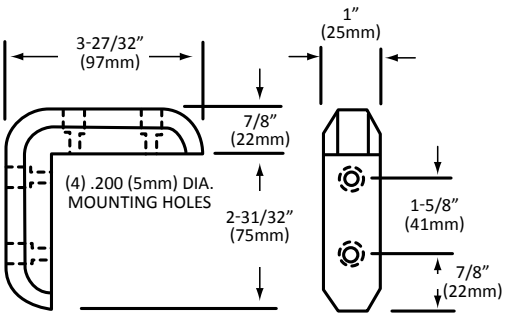
MATERIAL: GRAY PVC
FURNISHED WITH HOLE PLUGS



REF. C

CORNER BUMPER
MODEL NO. C65-1010

MATERIAL: GRAY PVC
FURNISHED WITH HOLE PLUGS



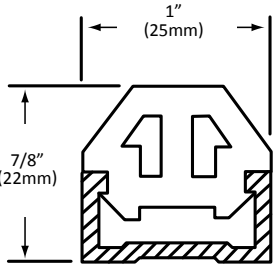
REF. D

STRAIGHT STRIP BUMPER
MODEL NO. C65-2072

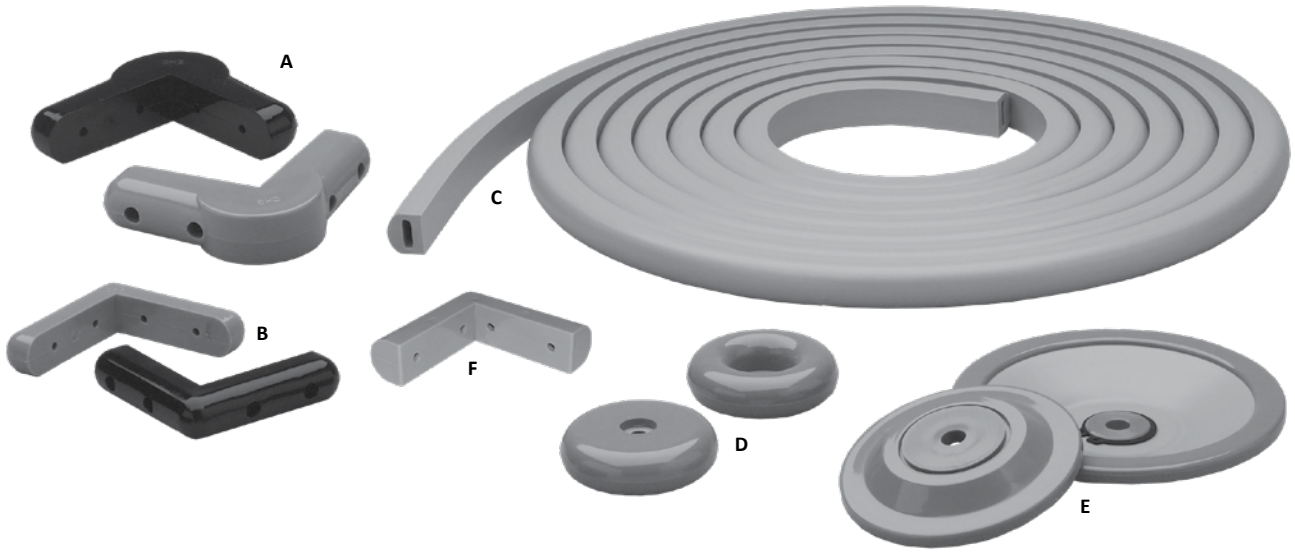
72" (1829mm) LG.

MODEL NO. C65-2120

120" (3048mm) LG.



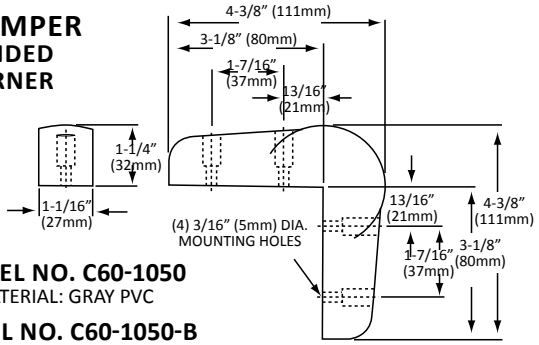
MATERIAL: EXTRUDED ALUMINUM RAIL
WITH GRAY PVC SNAP-ON BUMPER STRIP



STANDARD BUMPER COMPONENTS

REF. A

CORNER BUMPER WITH ROUNDED ENDS & CORNER



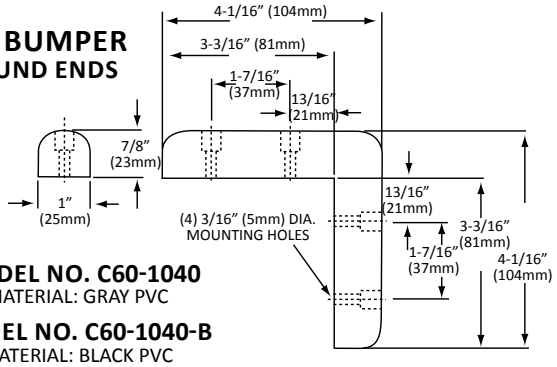
MODEL NO. C60-1050
MATERIAL: GRAY PVC

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

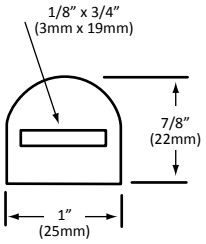
HOLE PLUGS
MODEL NO. C60-X100-B

REF. C

STRIP BUMPER

MODEL NO. C60-5010
MATERIAL: GRAY RUBBER

FURNISHED IN
25 ft. (7.6m) COILS

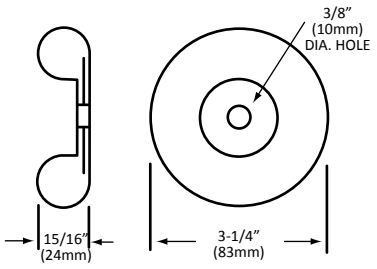


REF. D

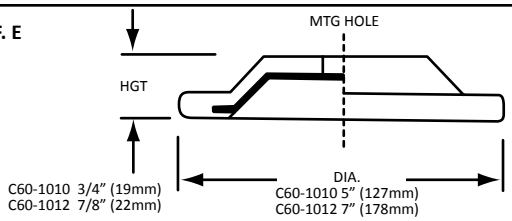
ROUND BUMPER

MODEL NO. C60-1020
MATERIAL: GRAY RUBBER, STEEL REINFORCED.

IDEAL FOR USE ON ENDS OF TUBULAR HANDLES.



REF. E



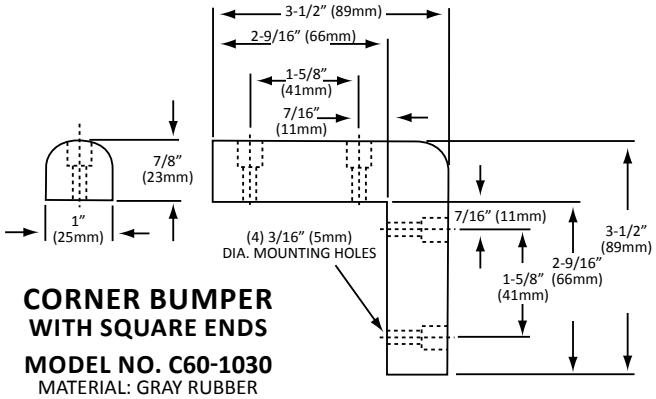
ROLLING BUMPER

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. F

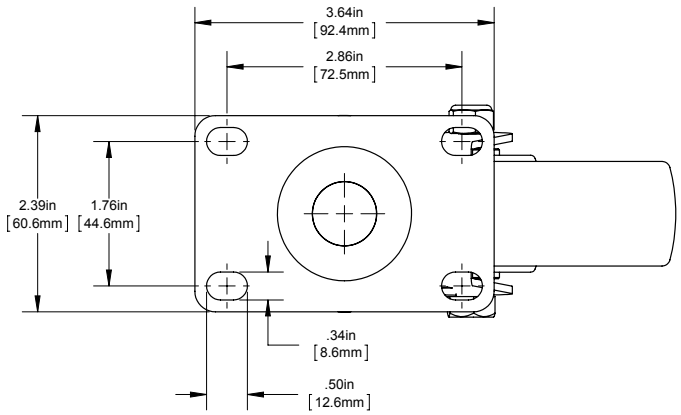


CORNER BUMPER WITH SQUARE ENDS

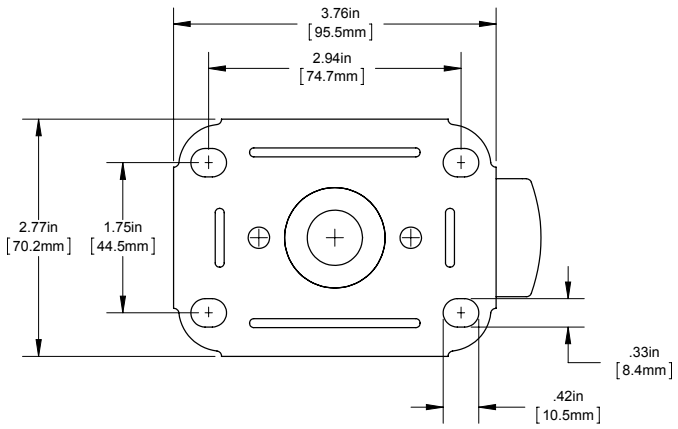
MODEL NO. C60-1030
MATERIAL: GRAY RUBBER

F

CMP1 SERIES MOUNTING PLATE

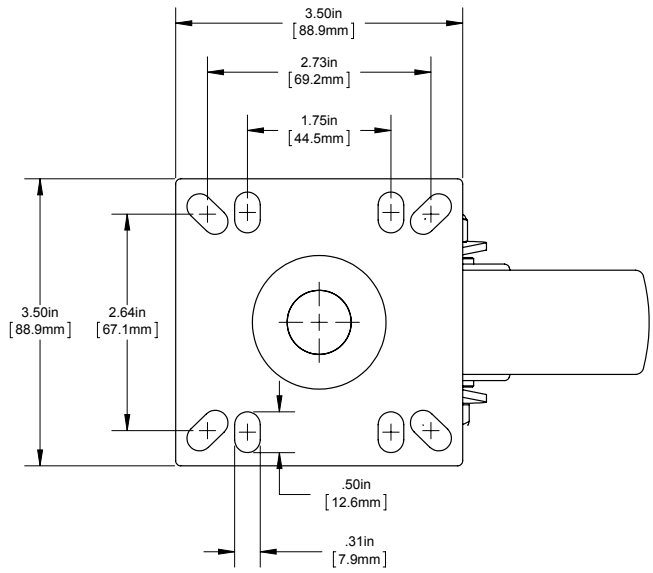


CLP2 SERIES MOUNTING PLATE

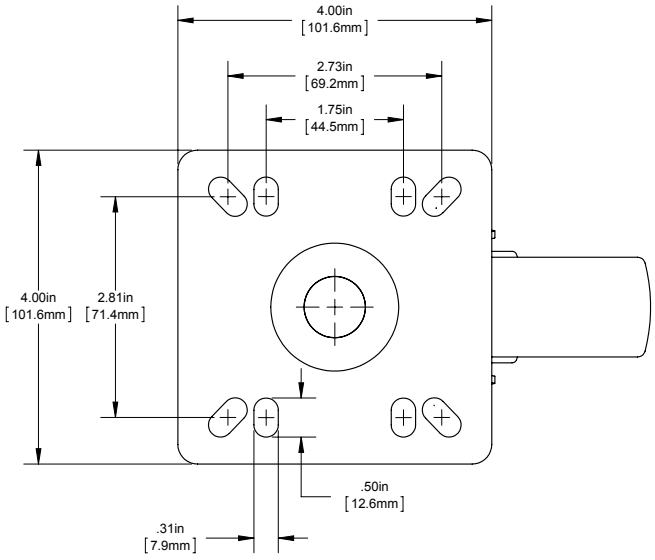


F

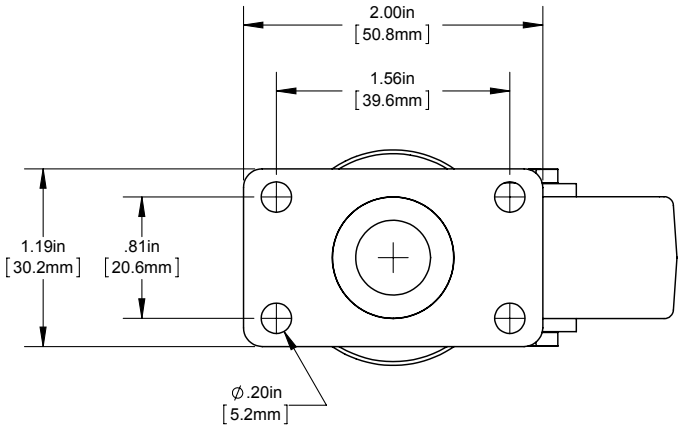
CMP4 SERIES MOUNTING PLATE



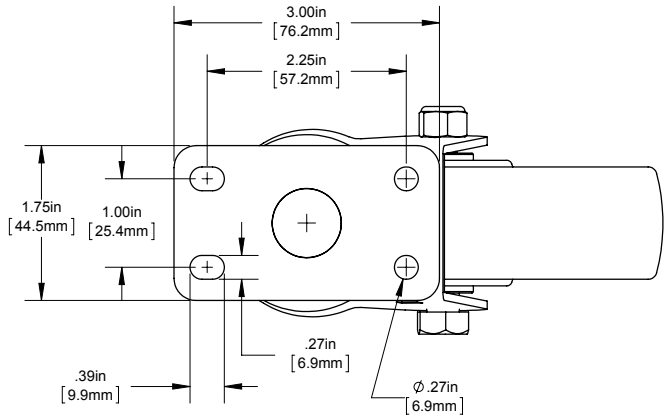
CMPU SERIES MOUNTING PLATE



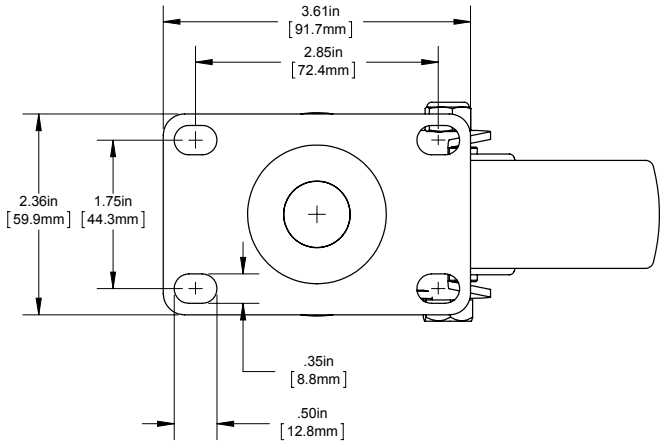
C11 LIGHT DUTY SERIES MOUNTING PLATE



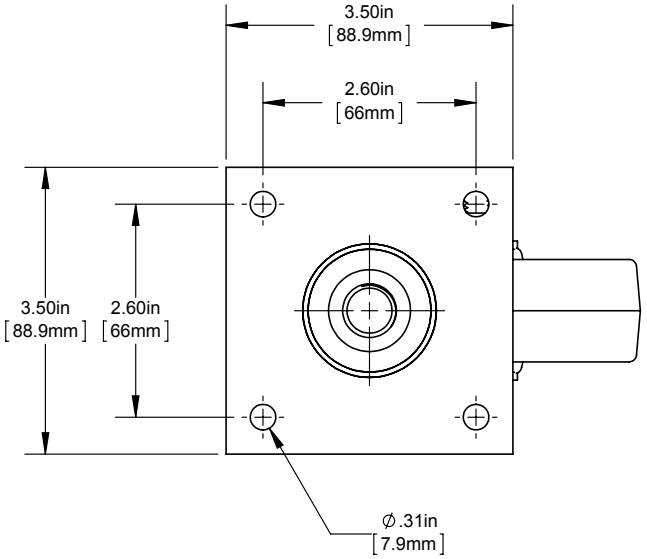
C11 SERIES MOUNTING PLATE



C21 SERIES MOUNTING PLATE

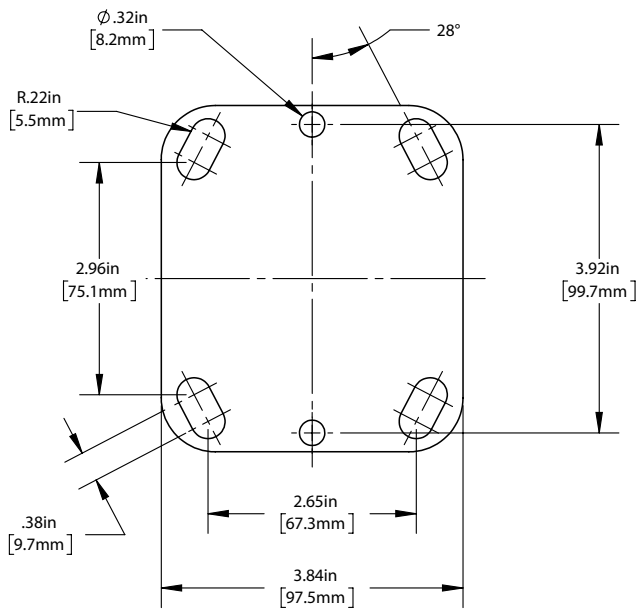


C47 SERIES MOUNTING PLATE

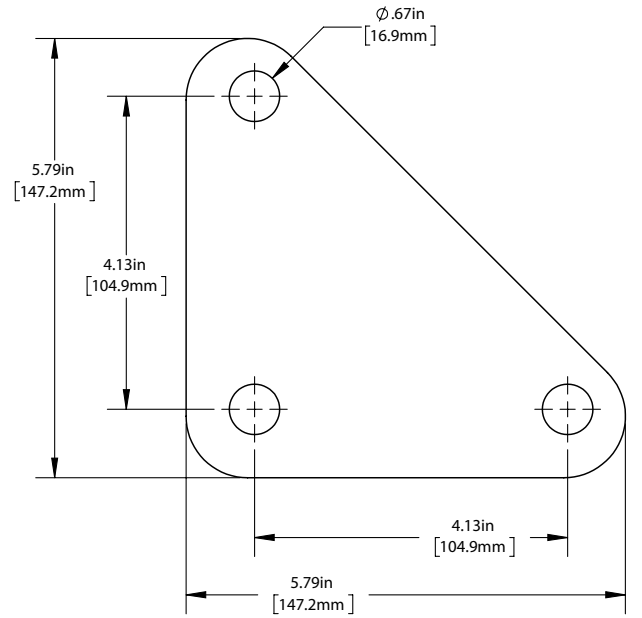


F

CMP6 SERIES MOUNTING PLATE



CHP5 SERIES MOUNTING PLATE



F

REGAL RIDE CASTER CONFIGURATOR

C X X X – X X X X – X X

DUTY
- **M** Medium
- **H** Heavy
- **L** Light

TYPE
- **P** Plate
- **S** Expanding Stem
- **T** Threaded Stem
- **R** Rigid

MOUNTNG 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** ½-13 x 1-1/2" long
- **2** 5/8 – 11 x 1-1/2" long
- **3** 3/4-10 x 1"
- **4** ½-13 x 1" long
- **5** 5/8-11 x 1" long
- **6** 3/8-16 x 1" long
- **7** ½-13 x 3/4" long

Rigid
- **1** Plate
- **2** Stem

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™

F

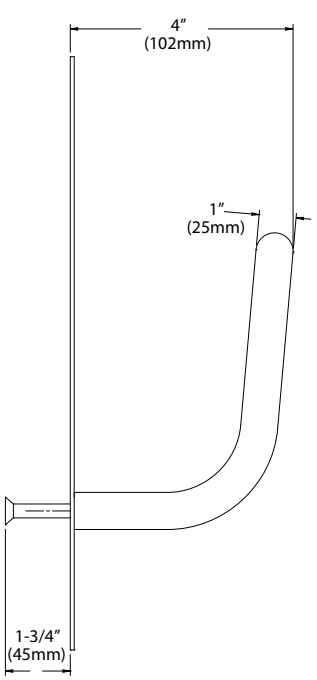
CABINET HARDWARE

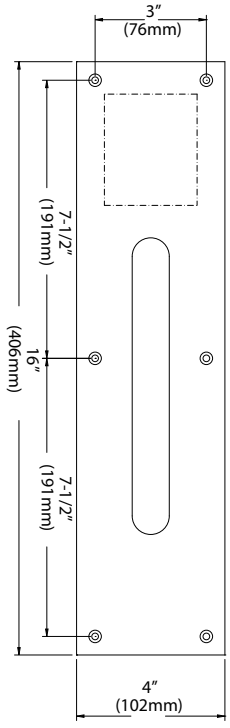
DOOR HANDLES & PULL/PUSH PLATES	G169
GRAB BARS	G170
HANDLES	G171
HANDLES & KNOBS	G172
PULLS	G173
RECESSED PULLS	G174
HEAVY DUTY STAINLESS STEEL SLIDE AND PADDLE LATCHES	G175
PULLS & CATCHES	G176
CABINET LATCHES & CONTINUOUS HINGES	G177
LATCHES & HINGES, LIFT-OFF	G178
HINGES	G179
LOCKS	G180-G181
MAGNETIC CATCHES	G182
MECHANICAL CATCHES	G183
DRAWER SLIDES	G184-G188
DRAWER PANS	G189
STAINLESS STEEL DRAWER ASSEMBLY	G190
CASH DRAWER ASSEMBLY	G191-G192
BUMPERS & GROMMETS	G193
BALL BEARING SYSTEMS	G194
FLAT BEARINGS	G195
CONCAVE & RUBBER TIRE BEARINGS	G196
BALL BEARING ASSEMBLIES, PULLY & WHEEL	G197
SLIDING DOOR COMPONENTS	G198

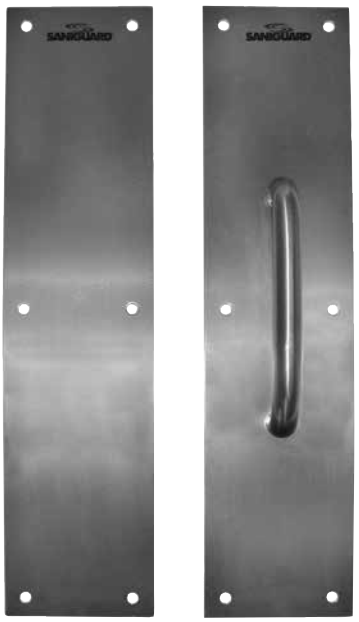
SANIGRASP™ DOOR HANDLE

- 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



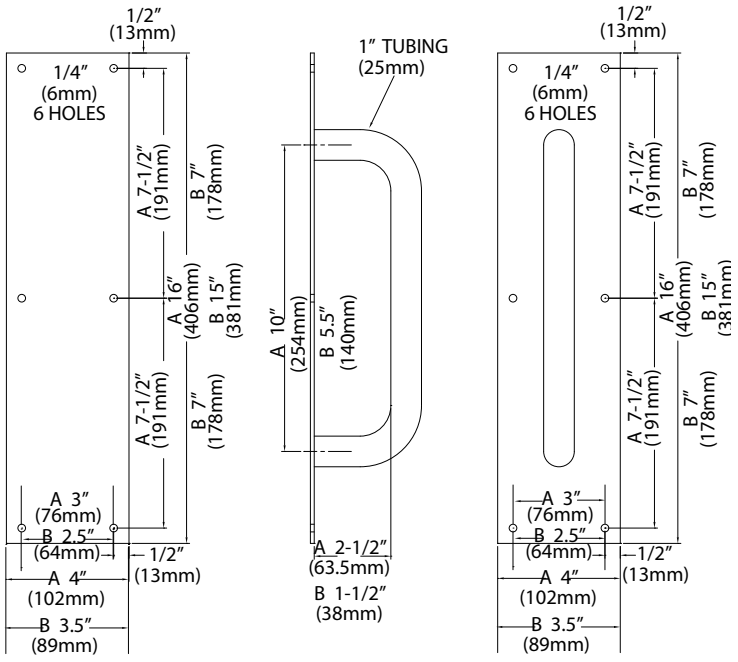




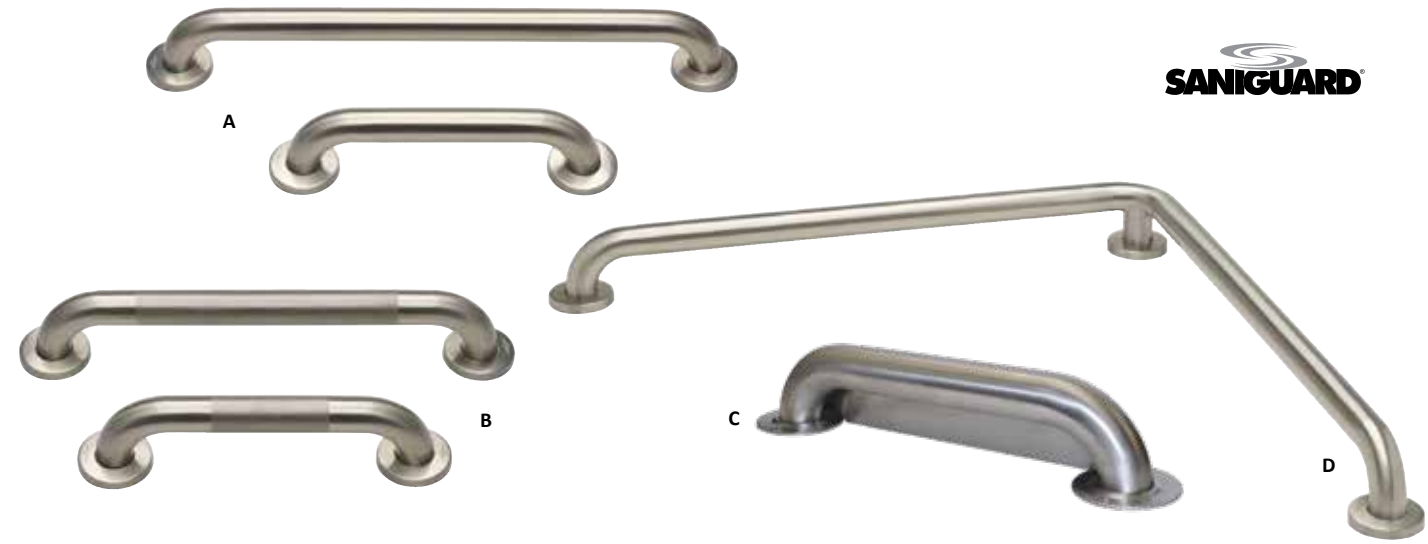
PULL/PUSH PLATES

- 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. P75-1000-Q (B)
MODEL NO. P75-5000 (A)



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.



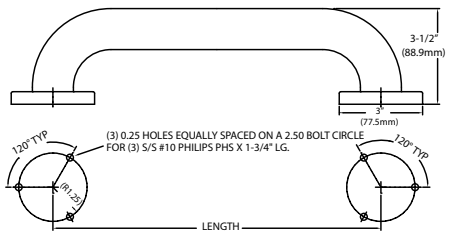
SANIGUARD®

GRAB BARS AND HAND RAILS

REF. A

SMOOTH FINISH GRAB BAR

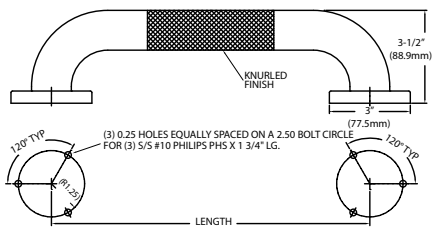
MODEL NO.	DIMENSION
GBS15-1112-Q	12” (305mm)
GBS15-1116-Q	16” (406mm)
GBS15-1118-Q	18” (457mm)
GBS15-1124-Q	24” (610mm)
GBS15-1130-Q	30” (762mm)
GBS15-1132-Q	32” (813mm)
GBS15-1136-Q	36” (914mm)
GBS15-1142-Q	42” (1067mm)
GBS15-1148-Q	48” (1219mm)



REF. B

KNURLED FINISH GRAB BAR

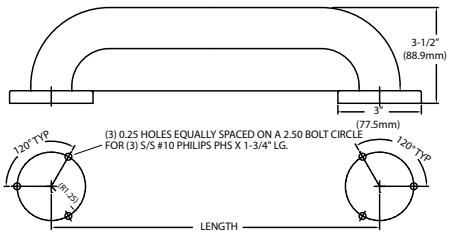
MODEL NO.	DIMENSION
GBS15-4112-Q	12” (305mm)
GBS15-4116-Q	16” (406mm)
GBS15-4118-Q	18” (457mm)
GBS15-4124-Q	24” (610mm)
GBS15-4130-Q	30” (762mm)
GBS15-4132-Q	32” (813mm)
GBS15-4136-Q	36” (914mm)
GBS15-4142-Q	42” (1067mm)
GBS15-4148-Q	48” (1219mm)



REF. C

PRISON ANTI-LIGATURE GRAB BAR

MODEL NO.	DIMENSION
GBS15-1112-QP	12” (305mm)
GBS15-1116-QP	16” (406mm)
GBS15-1118-QP	18” (457mm)
GBS15-1124-QP	24” (610mm)
GBS15-1130-QP	30” (762mm)
GBS15-1132-QP	32” (813mm)
GBS15-1136-QP	36” (914mm)
GBS15-1142-QP	42” (1067mm)
GBS15-1148-QP	48” (1219mm)



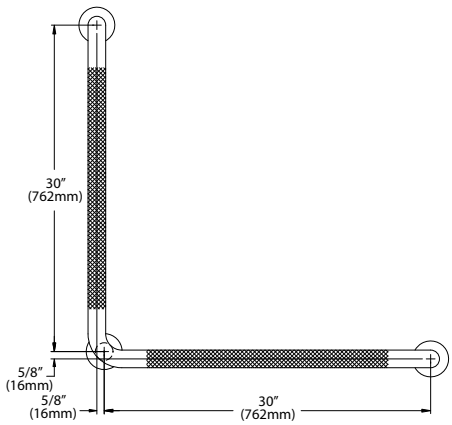
REF. D

SMOOTH L-SHAPED GRAB BAR

MODEL NO.	DIMENSION
GBS15-113030Q	30” x 30” (762mm x 762mm)
–	40” x 30” (1017mm x 762mm)

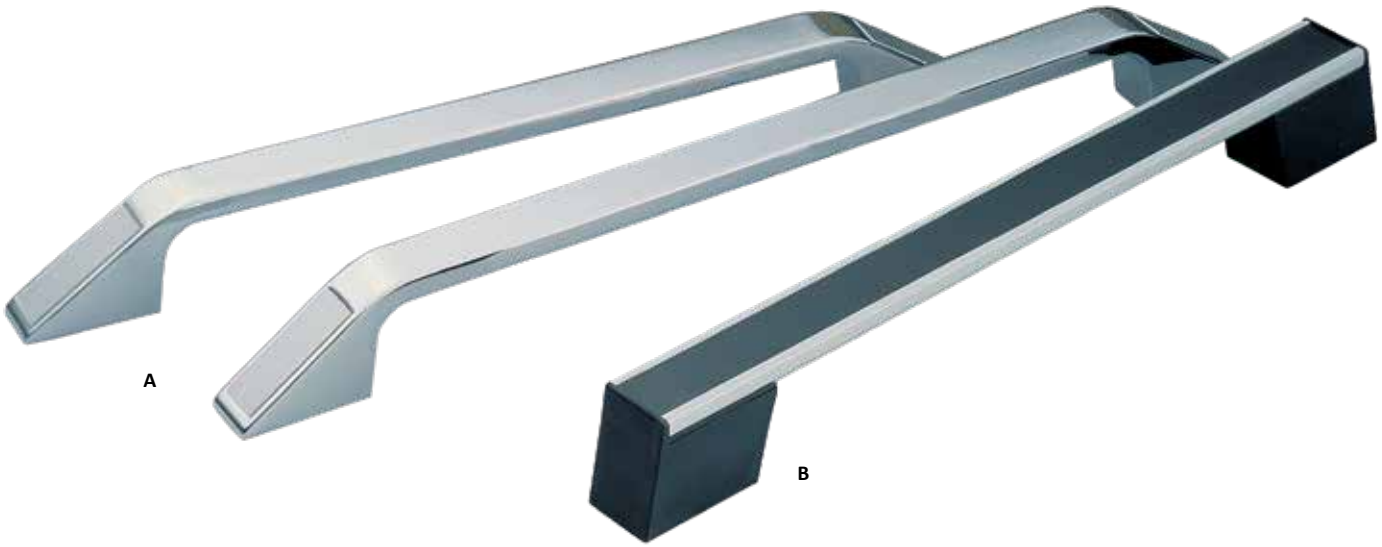
KNURLED L-SHAPED GRAB BAR

MODEL NO.	DIMENSION
GBS15-413030Q	30” x 30” (762mm x 762mm)
GBS15-414030Q	40” x 30” (1017mm x 762mm)



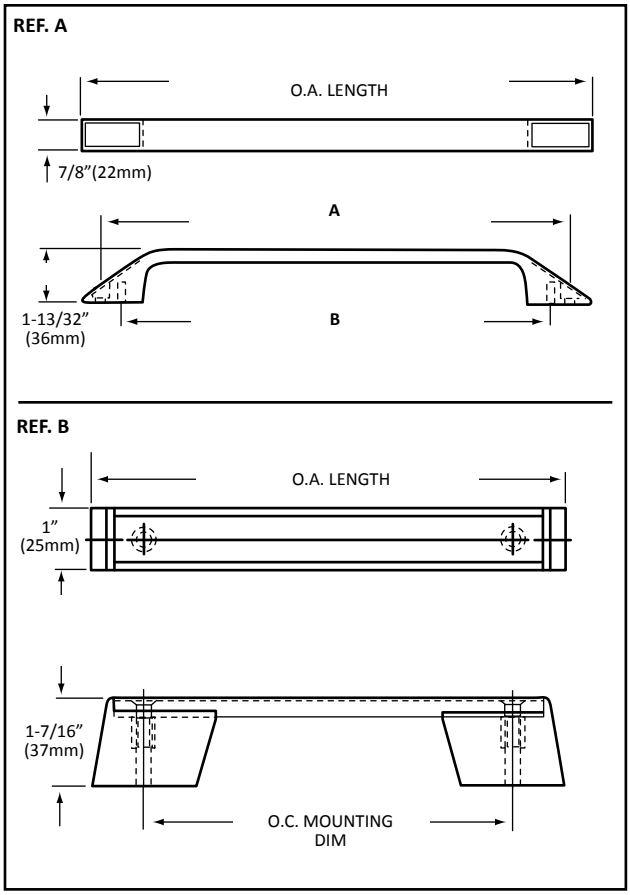
STAINLESS STEEL, 1-1/2” DIAMETER GRAB BARS. AVAILABLE IN SMOOTH OR KNURLED FINISH, COMPLETE WITH CONCEALED MOUNTING FLANGE AND PRESS-ON FLANGE COVER. ALL GRAB BARS ARE PERMANENTLY COATED WITH SANIGUARD® TREATMENT.

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.



HANDLES

REF. A



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

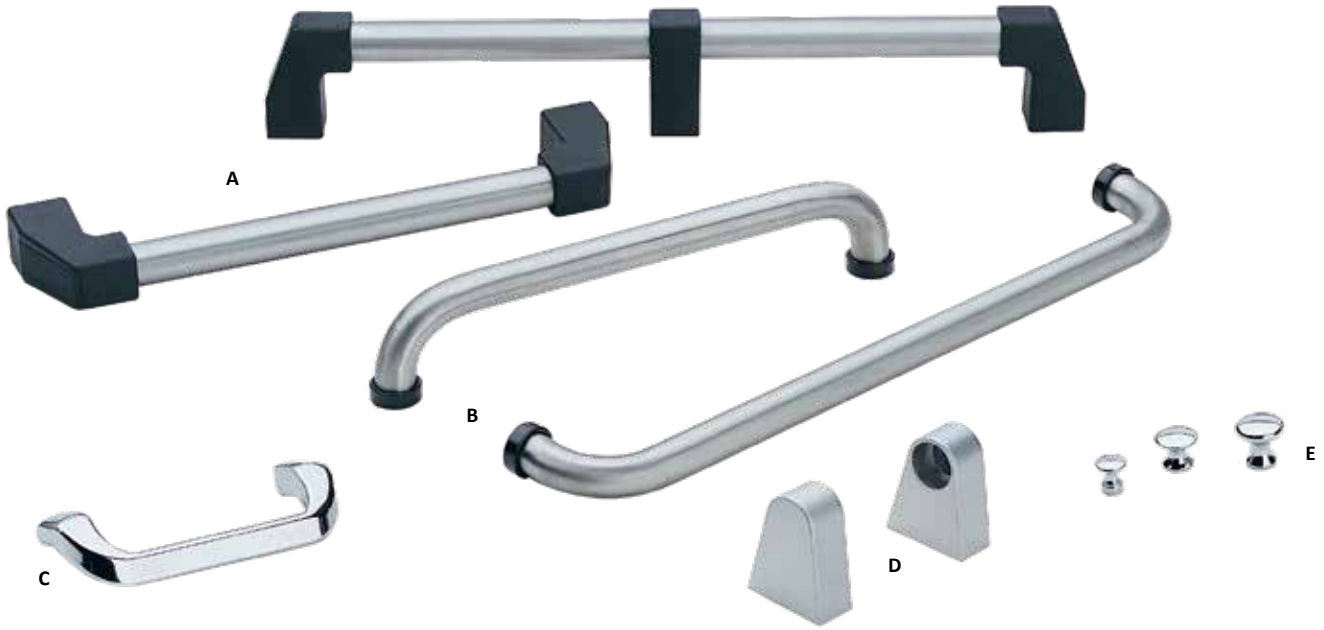
DECORATIVE HANDLES

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

REF. A

HANDLE BRACKETS

HEAVY-DUTY NYLON

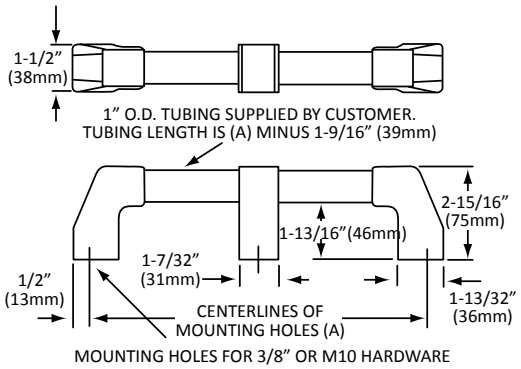
FIBERGLASS REINFORCED END BRACKETS (PR.)
AND CENTER SUPPORT BRACKET (EA.)

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)

NSF COMPONENT



REF. B

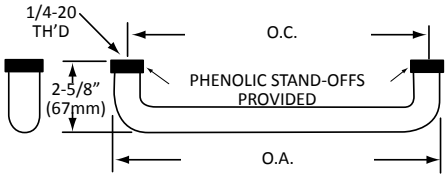
HEAVY- DUTY TUBULAR HANDLES

STAINLESS STEEL, SATIN FINISH

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.

MATERIAL: 7/8" (22mm)
O.D. STAINLESS STEEL FORMED TUBING



NSF COMPONENT

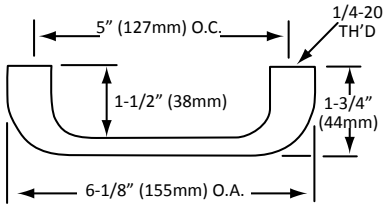
REF. C

OFFSET HANDLE

CHROME PLATED

MODEL NO. P40-1010

MATERIAL: CHROME PLATED DIE CAST METAL



NSF COMPONENT

REF. D

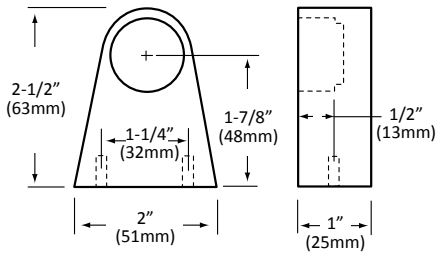
HANDLE SUPPORTS

ALUMINUM
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

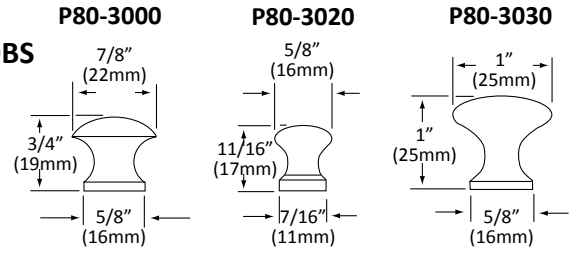


REF. E

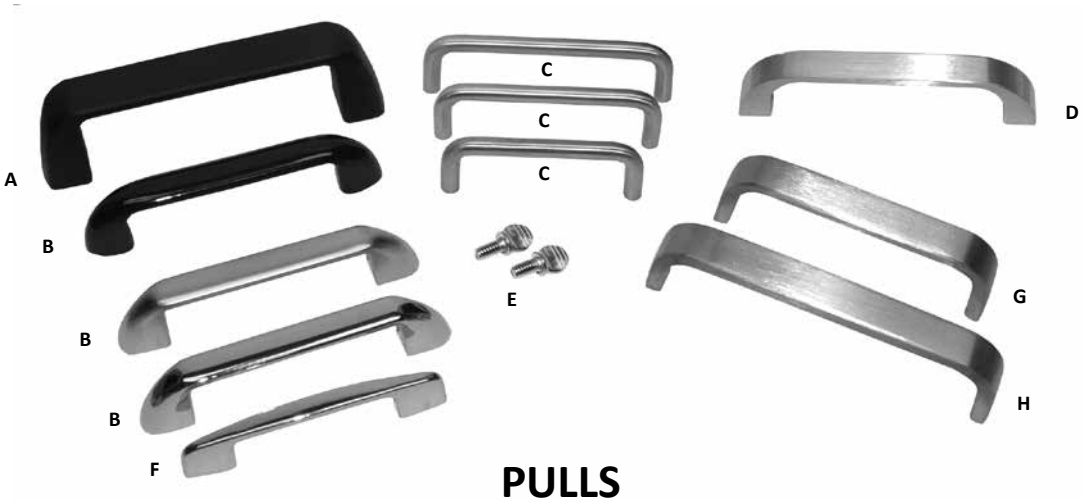
CHROME PLATED BRASS KNOBS

ALL KNOBS TAPPED TO
RECEIVE #8-32 SCREWS.

NSF COMPONENT



G



PULLS

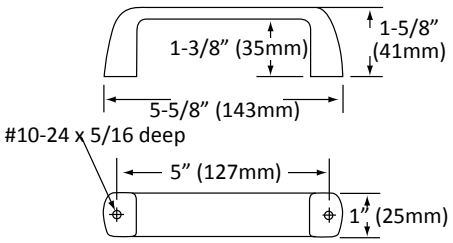
REF. A

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



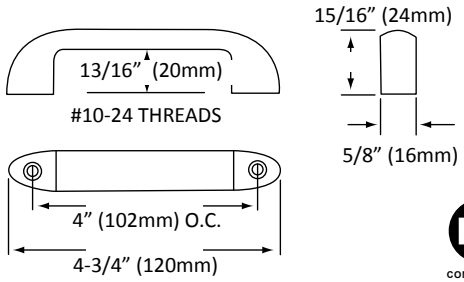
REF. B

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



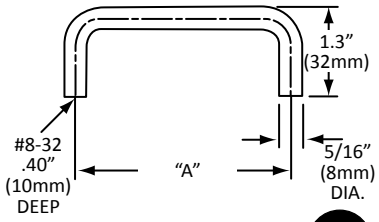
COMPONENT

REF. C

WIRE PULLS

SATIN CHROME FINISH

MODEL NO.	"A"
P45-3000	3" (76mm)
P45-3500	3-1/2" (89mm)
P45-4000	4" (102mm)



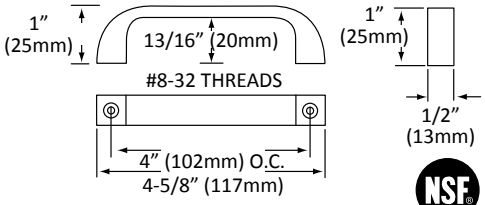
COMPONENT

REF. D

PULLS

ALUMINUM ALLOY SATIN FINISH

MODEL NO. P44-1010



COMPONENT

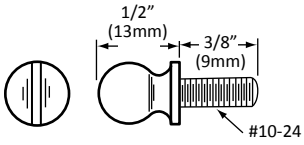
REF. E

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

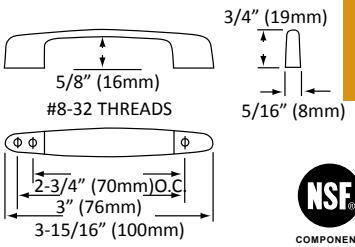


REF. F

PULLS

DIE CAST...CHROME PLATED

MODEL NO. P51-1010



COMPONENT

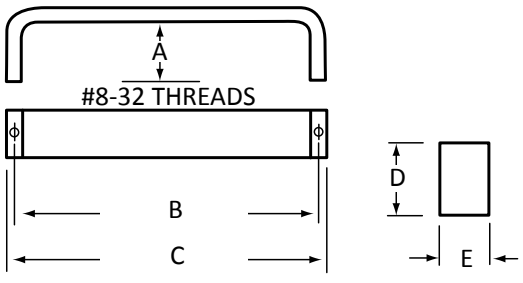
REF. G, H

BAR PULLS, STAINLESS STEEL...SATIN FINISH

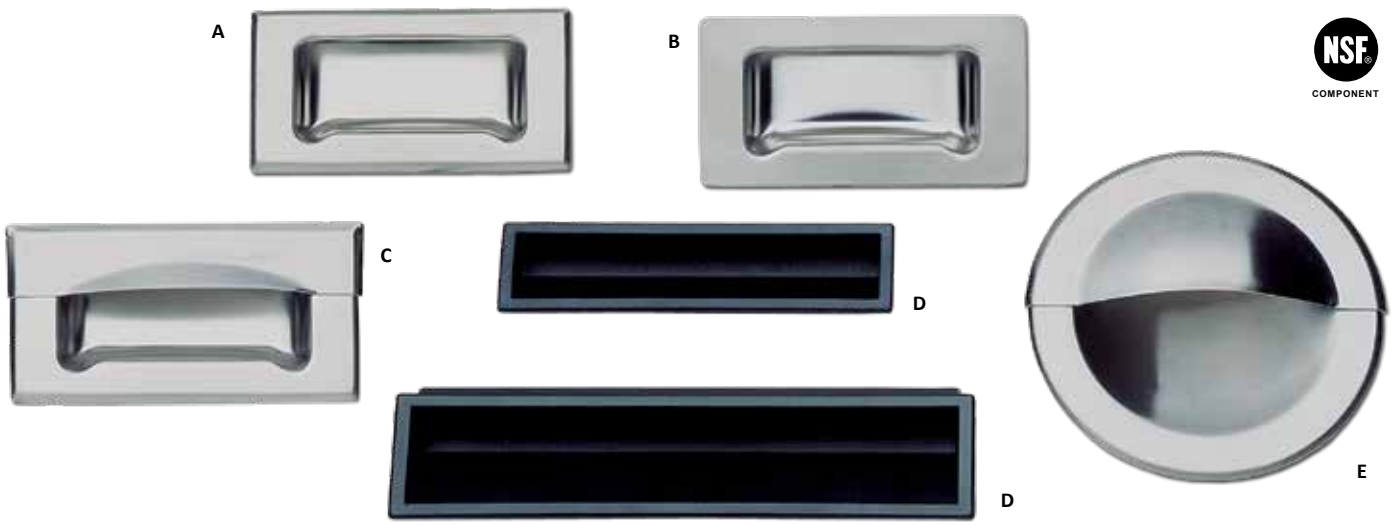
MATERIAL: 1/4" (6mm) THICK SOLID STAINLESS STEEL

COMPONENT

REF	REF. I 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)



G



RECESSED PULLS

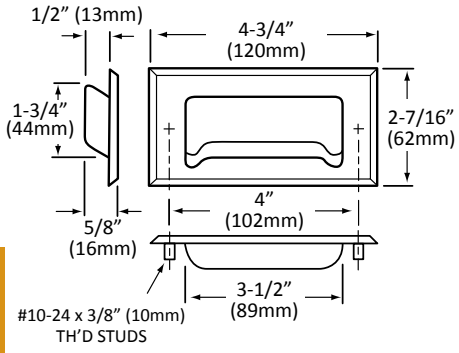
REF. A

DOOR PULL

STAINLESS STEEL
WITH FRAME BEVELED EDGE

MODEL NO. P62-1010

RETAINING LOCKNUTS PROVIDED

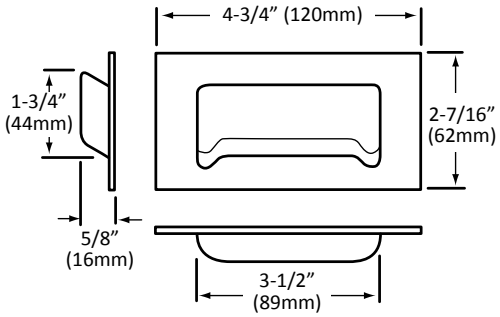


REF. B

DOOR PULL

STAINLESS STEEL
FLUSH TYPE FOR WELDING

MODEL NO. P62-1014



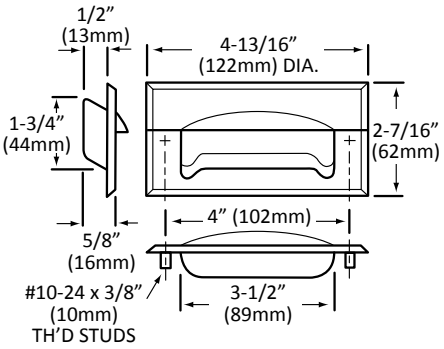
REF. C

DRAWER PULL

STAINLESS STEEL
FULL GRIP TYPE WITH
FRAME BEVELED EDGE

MODEL NO. P63-1012

RETAINING LOCKNUTS PROVIDED



G

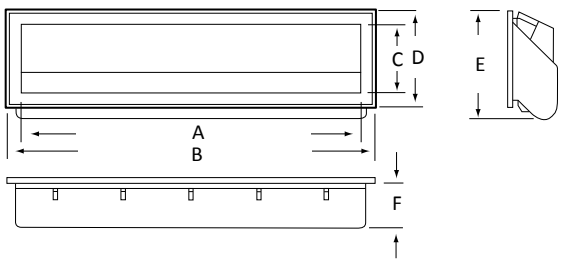
REF. D

RECESSED DOOR PULL

- BLACK ABS THERMOPLASTIC
- SHOCK RESISTANT • SNAP-IN STYLE

ONE PIECE CONSTRUCTION FOR FAST, EFFICIENT INSTALLATION

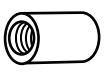
MODEL NO.	A	B	C	D	E	F
P73-1000	5" (127mm)	5-7/16" (138mm)	1" (25mm)	1-7/16" (37mm)	1-9/16" (40mm)	5/8" (16mm)
P73-2000	7" (178mm)	7-7/16" (189mm)	1-5/16" (33mm)	1-3/4" (44mm)	2-1/16" (52mm)	7/8" (22mm)



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

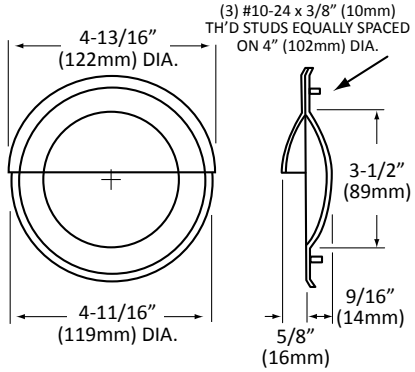
REF. E

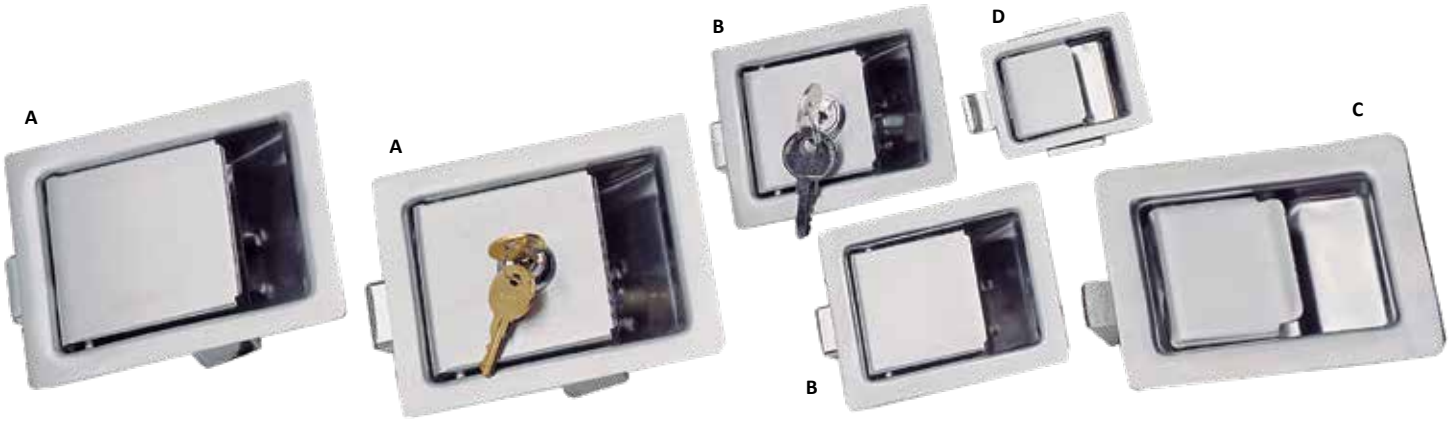
ROUND PULL

STAINLESS STEEL
WITH BEVELED EDGE MOUNT

MODEL NO. P60-1010

RETAINING LOCKNUTS PROVIDED





HEAVY- DUTY STAINLESS STEEL PADDLE LATCHES

NSF COMPONENT

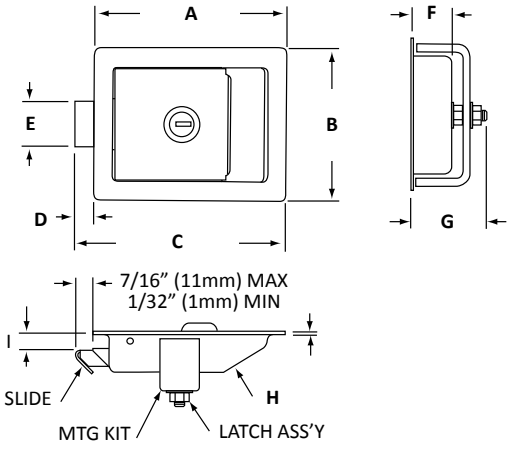
- BRUSHED STAINLESS STEEL FINISH
- RUGGED ALL STAINLESS CONSTRUCTION
- ALLOWS FOR CLEAN, FLUSH MOUNTING
- CONVENIENT SIZE LATCHES OFFER A WIDE RANGE OF APPLICATION
- ECONOMICALLY PRICED
- UNIQUE REAR MOUNTING BRACKET PROVIDES FAST INSTALLATION
- IDEAL FOR MOBILE CARTS AND ACCESS DOORS WHERE CONVENTIONAL SURFACE MOUNTED HARDWARE IS INAPPROPRIATE

REF. A
MODEL NO. P90-5000-C
WITH LOCK

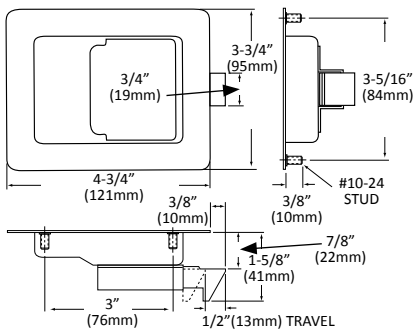
MODEL NO. P90-5000
W/O LOCK

REF. B
MODEL NO. P90-2000-C
WITH LOCK

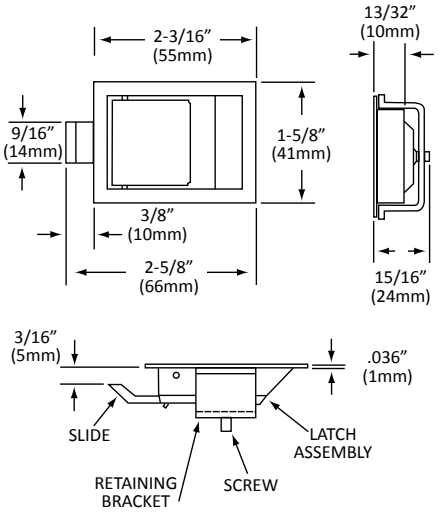
MODEL NO. P90-2000
W/O LOCK



REF. C
MODEL NO. P91-5000



REF. D
MODEL NO. P90-1000



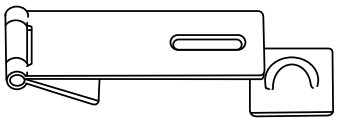
REF.	MODEL NO.	A	B	C	D	E	F	G	H	I
A	P90-5000 P90-5000-C	4-7/8" (124mm)	3-7/8" (98mm)	5-3/8" (137mm)	1/2" (13mm)	1-5/32" (29mm)	1-1/32" (26mm)	1-29/32" (48mm)	.63" (16mm)	7/16" (11mm)
B	P90-2000 P90-2000-C	3-5/16" (84mm)	2-11/16" (68mm)	3-5/8" (92mm)	5/16" (8mm)	3/4" (19mm)	3/4" (19mm)	1-13/32" (36mm)	.048" (2mm)	5/16" (8mm)

G

PULLS & CATCHES

REF. A

HASP & STAPLE, STAINLESS STEEL

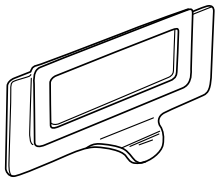


MODEL NO. M80-2500

2-1/2" x 1" x .072
(63mm x 25mm x 2mm)

REF. B

CARDHOLDER & PULL, STAINLESS STEEL



MODEL NO. P88-1010

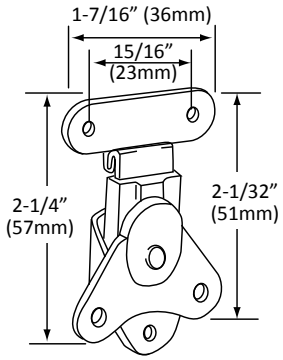
OVERALL SIZE:
2-15/16" x 1-5/16" (74mm x 33mm)
CARD SIZE:
2-1/8" X 1-1/8" (54mm x 28mm)

REF. C

LINK-LOCKING LATCH, STAINLESS STEEL

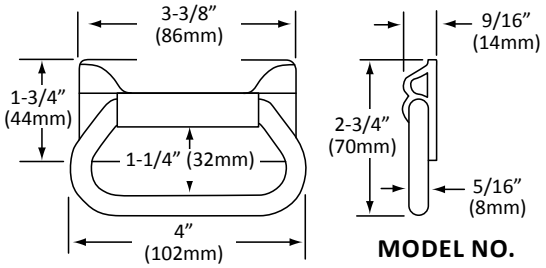
MODEL NO. M11-8201

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

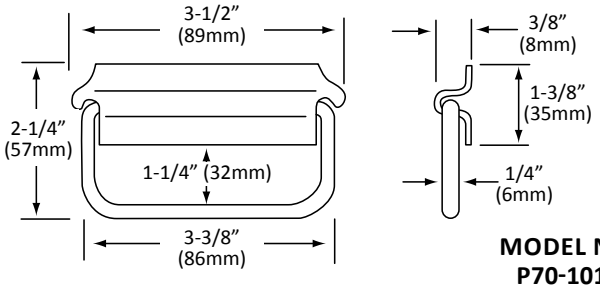
HEAVY DUTY, STRAIGHT BACK DROP HANDLE, STAINLESS STEEL



MODEL NO. P68-1010

REF. E

STRAIGHT BACK DROP HANDLE, STAINLESS STEEL



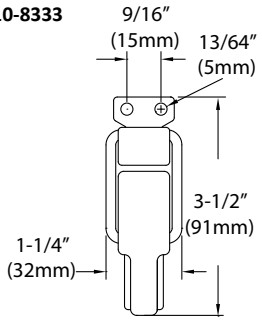
MODEL NO. P70-1010

REF. F

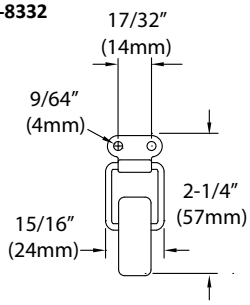
DRAWER-TITE ACTION CATCHES
STAINLESS STEEL

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)

M10-8333



M10-8332



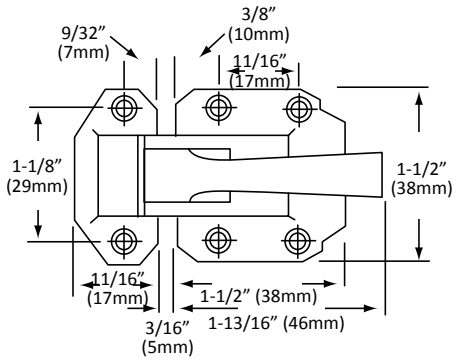
CABINET LATCHES, HANDLES LATCHES & CONTINUOUS HINGES

REF. A

CABINET LATCHES

NSF COMPONENT

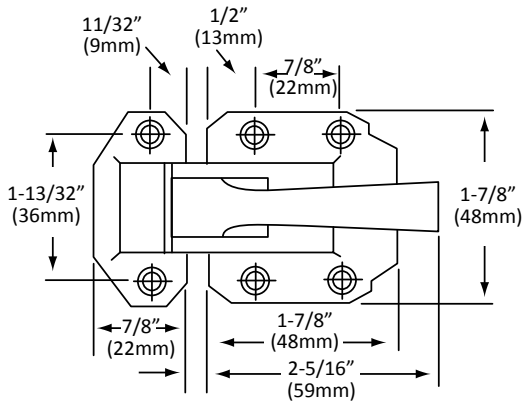
- PROVIDED WITH FLUSH, 1/8" (3mm) and 3/8" (10mm) KEEPERS
- CHROME PLATED DIE CAST ZAMAK



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

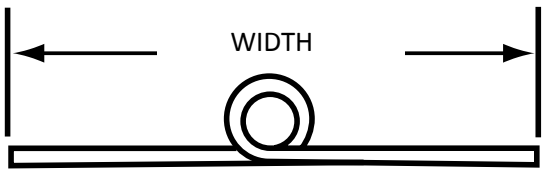
REF. B

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)
M48-0154	2-1/2" (64mm)	72" (1829mm)	.060 (1.6mm)	.187 (4.8mm)
M48-0134	1-1/2" (38mm)	72" (1829mm)	.060 (1.6mm)	.125 (3.2mm)

NOTE: HINGE FURNISHED WITHOUT HOLES. OTHER SIZES AVAILABLE UPON REQUEST.



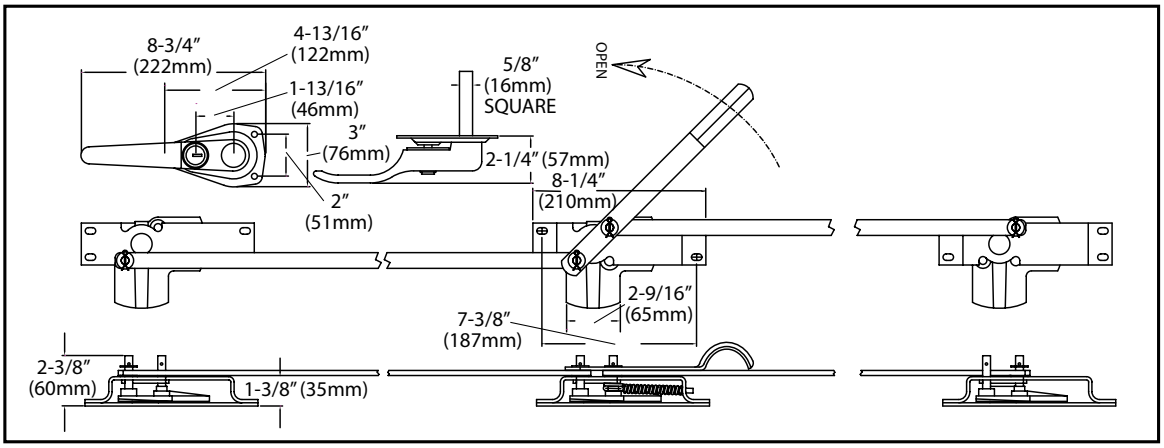
G

THREE POINT LATCH

STAINLESS STEEL

• ALL STAINLESS STEEL CONSTRUCTION • POSITIVE DEAD BOLT LOCKING
• HOLDS DOOR CLOSED IN 3 PLACES-TOP, CENTER, & BOTTOM TO MINIMIZE LEAKAGE AND SAVE ENERGY
• STRONGEST LATCH MADE • SPRING LOADED OVER-CENTER LATCHING • POSITIVE INSIDE RELEASE MECHANISM

MODEL NO. W37-3000-SS



LIFT-OFF HINGES

NSF COMPONENT

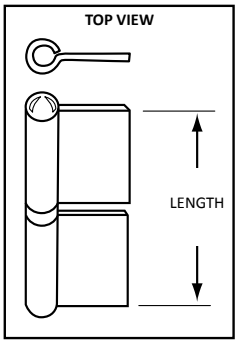
LIFT-OFF FLAG HINGE

• 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.

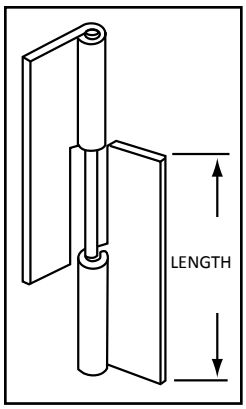
HEAVY DUTY
MODEL NO. M75-5003
3" (76mm) LG. x
1-3/8" (35mm) x .075 (2mm)
1/4" (6mm) PIN DIA.

NSF COMPONENT



LIFT-OFF FLAG HINGE, STAINLESS STEEL

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.



RIGHT HAND HINGE ILLUSTRATED

NOTES: ALL HINGES ARE FURNISHED WITHOUT HOLES

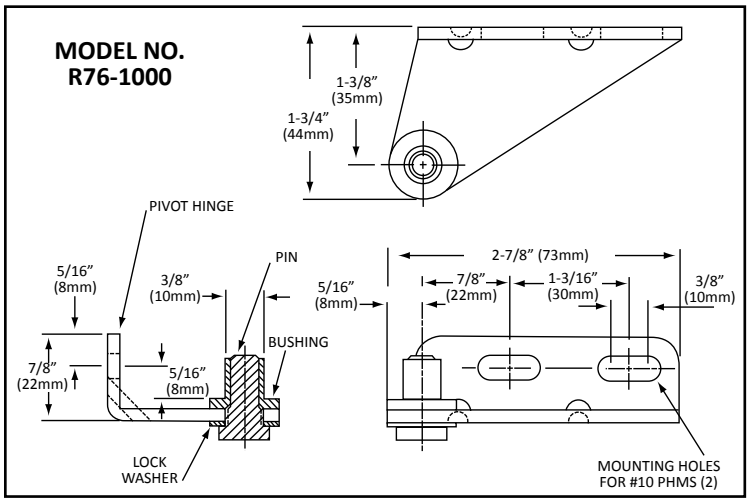
HINGES

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

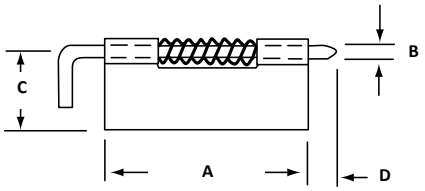
MODEL NO.
R76-1000



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)

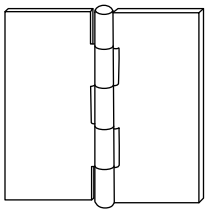
REF. C

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.

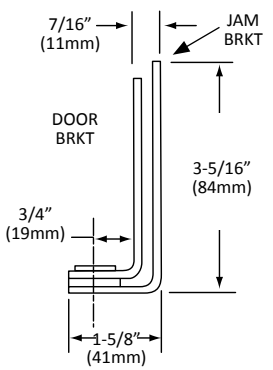
NOTE: HINGES ARE FURNISHED WITHOUT HOLES.

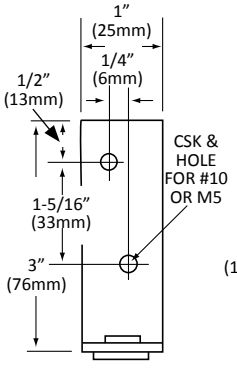


REF. D

PIVOT HINGES
NICKEL PLATED STEEL

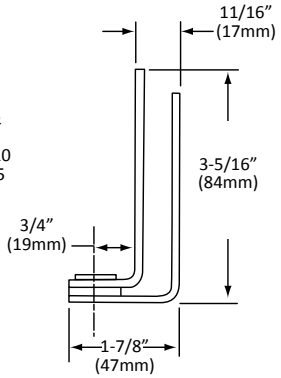
SMALL OFFSET
MODEL NO. R75-6661





SIDE VIEW

LARGE OFFSET
MODEL NO. R75-6662



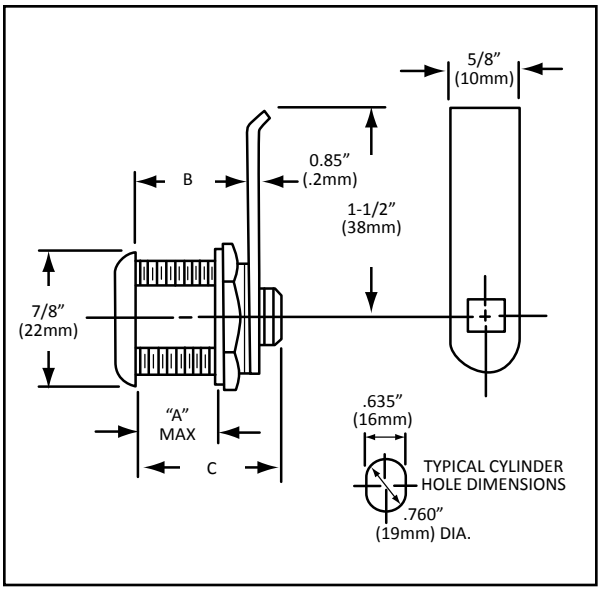
G

LOCKS

UTILITY LOCKS
STAINLESS STEEL FACED

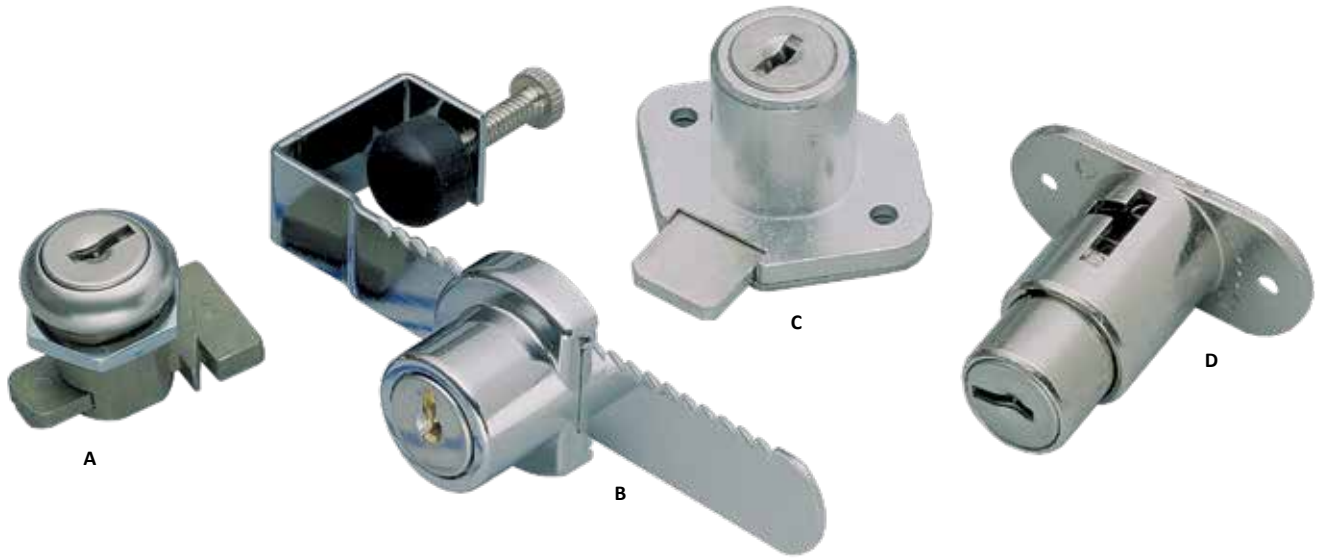
- DISC TUMBLER
- FOUR BARREL LENGTHS AVAILABLE
- PERMITS MATERIAL THICKNESS TO 1-3/16" (30mm)
- KEY REMOVABLE IN LOCKED OR UNLOCKED POSITION
- FURNISHED WITH TWO KEYS

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
P30-4752	9/32" (7mm)	5/8" (16mm)	7/8" (22mm)	Different & Master Keyed
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
P30-4762	11/16" (17mm)	7/8" (22mm)	1-1/8" (28mm)	Different & Master Keyed
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.



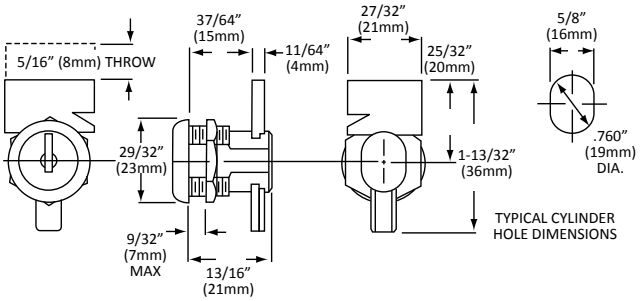
LOCKS

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

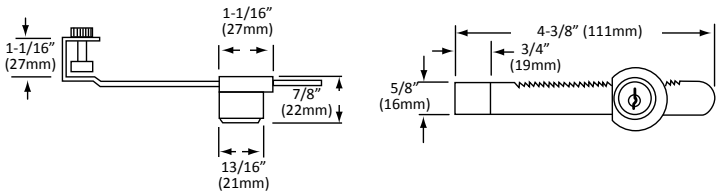


REF. B

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

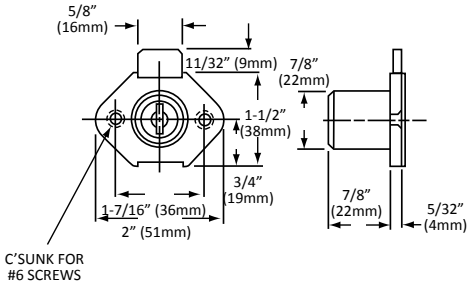


REF. C

DRAWER LOCK

• EASY TO INSTALL
• FIVE DISC TUMBLER
• NON FERROUS SATIN BRASS BARREL AND CASE
• FURNISHED WITH TWO BRASS KEYS

MODEL NO. P10-0370

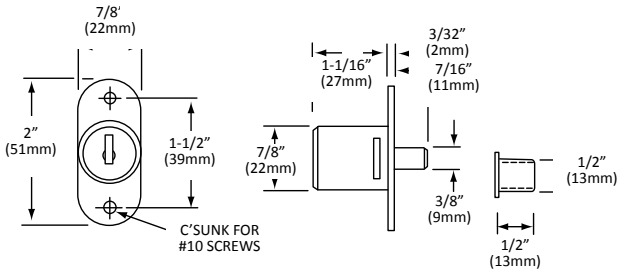


REF. D

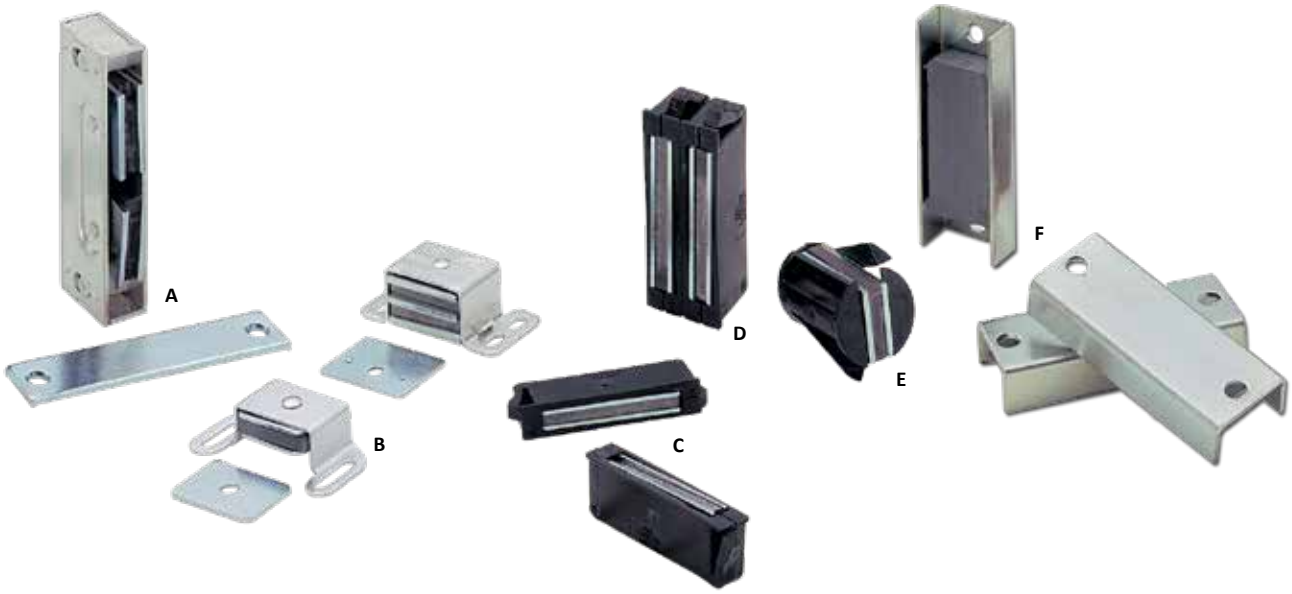
PLUNGER LOCK

• 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



G



MAGNETIC CATCHES

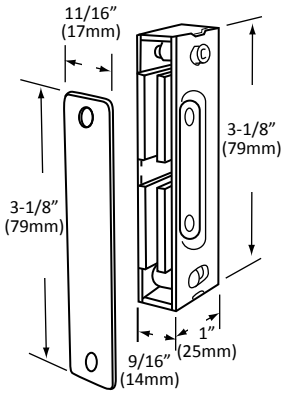
REF. A

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

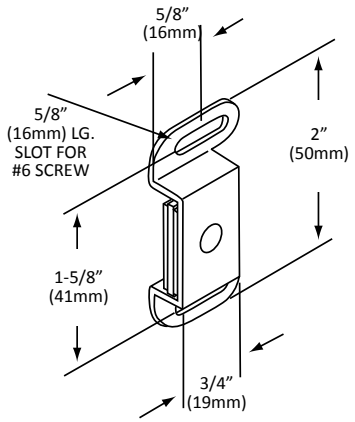
MODEL NO. M30-2400

SIZE: 2" x 1-1/16" X 1/2"
(51mm x 27mm x 13mm)
12 lbs (5 kg) PULL

DOUBLE MAGNET

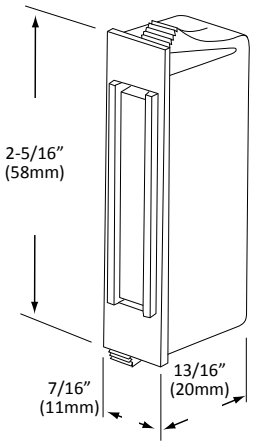
MODEL NO. M30-5920

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

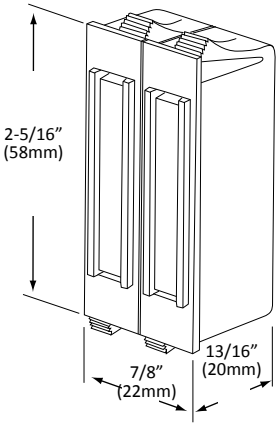


MODEL NO. M36-0201

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

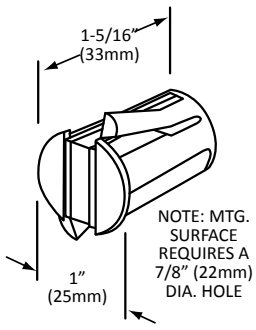


MODEL NO. M36-0801

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

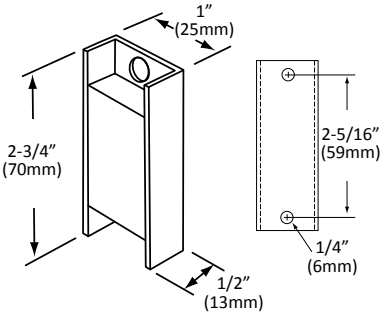


MODEL NO. M36-0611

MATERIAL: BLACK POLYPROPYLENE
WITH CONCEALED MAGNETS
13 lbs (6kg) PULL

REF. F

CABINET CATCH
MAGNETIC, CONCEALED TYPE



SINGLE CATCH MAGNET

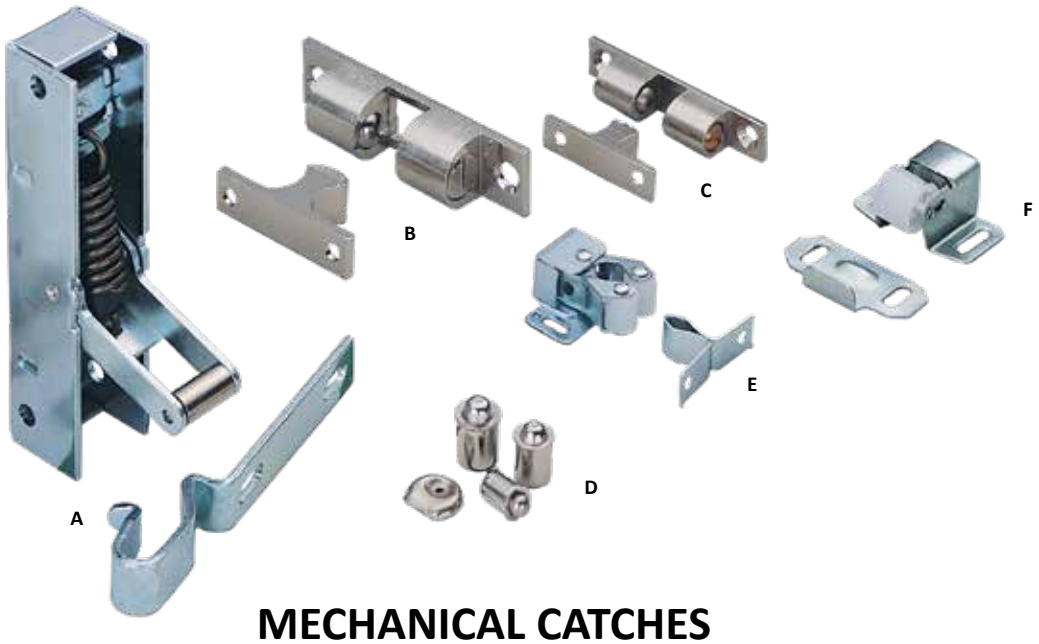
MODEL NO. M35-1000

14 lbs (6kg) PULL
(STEEL BACKING PLATE REQUIRED)

FURNISHED AS SET OF TWO WITH ATTRACTING POLARITY FOR A STRONGER PULL

MODEL NO. M35-2000

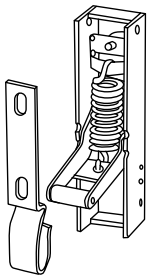
MATERIAL: ZINC PLATED STEEL WITH
CONCEALED MAGNETS
• 18 lbs (8kg) PULL



MECHANICAL CATCHES

REF. A

DOOR CATCH
HEAVY-DUTY
ADJUSTABLE TENSION

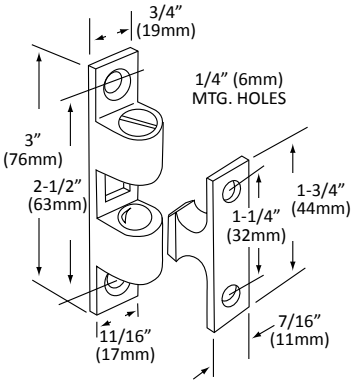


MODEL NO. M27-2490

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

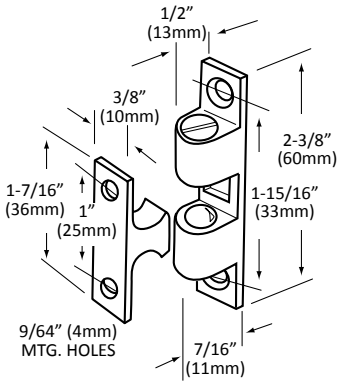


MODEL NO. M22-2430

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

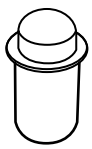


MODEL NO. M22-2420

MATERIAL: SOLID BRASS
WITH SATIN NICKEL FINISH
STAINLESS STEEL BALLS
AND SPRINGS

REF. D

BULLET CATCHES
WITH FIXED TENSION

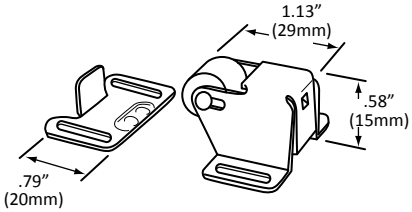


MODEL NO. M25-9469

SIZE: 3/8" X 7/16" (10mm x 11mm)
DIA. x LENGTH
MATERIAL: STEEL, NICKEL PLATED
FURNISHED WITH STRIKE

REF. E

SURFACE BOX CATCH
WITH SPRING LOADED NYLON ROLLER

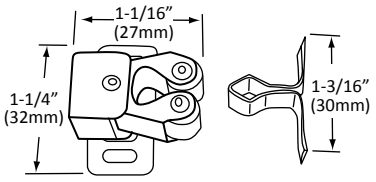


MODEL NO. M24-2260

MATERIAL: ZINC PLATED STEEL

REF. F

CABINET CATCH
FRICTION TYPE
WITH SPRING ACTION NYLON ROLLERS



MODEL NO. M21-2580

MATERIAL: ZINC PLATED STEEL

G

Fully welded end plates
with rubber bumber stops

DRAWER SLIDES, EXTRA HEAVY -DUTY

S52 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

G

SPECIFICATIONS

MOUNTING	SIDE
SPACE REQUIRED	25/32” (20mm)
HEIGHT	2-7/16” (62mm)
DRAWER EXTENSION	FULL TRAVEL
LOAD CAPACITY	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

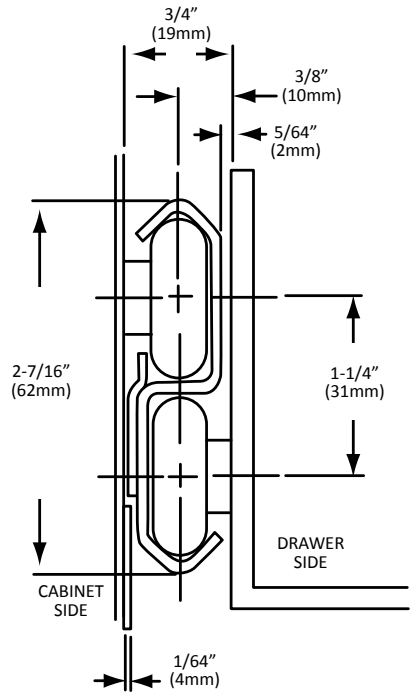
S52 SERIES STAINLESS STEEL FULL EXTENSION DRAWER SLIDES WITH STAINLESS STEEL BEARINGS

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



CROSS SECTION

WHEN ORDERING...MEASURE FROM INSIDE FACE TO EXTREME REAR OF DRAWER

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

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 ECONOMICAL 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

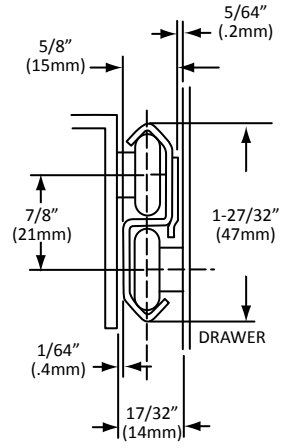
G

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)



CROSS SECTION

WHEN ORDERING...MEASURE FROM INSIDE FACE TO EXTREME REAR OF DRAWER

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)
S10-0024	24" (610mm)
S10-0026	26" (660mm)

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)

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

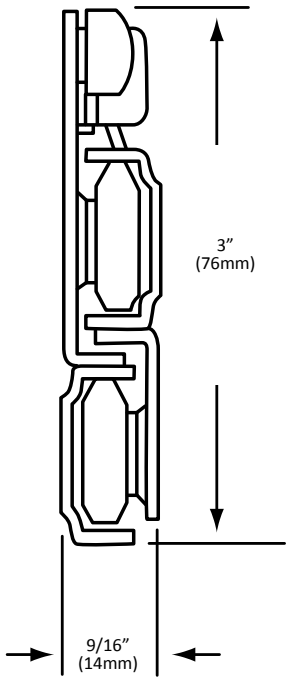
***S25 SERIES STAINLESS STEEL DRAWER SLIDES WITH STAINLESS STEEL BEARINGS**

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)
S25-0028	28” (711mm)

***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)
S25-2028	28” (711mm)

S25-SERIES



CROSS SECTION

*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

NSF COMPONENT

- ZINC PLATED STEEL
- 75 lbs (40kg) LOAD CAPACITY
- ALLOWS DRAWER TO BE EASILY REMOVED

SPECIFICATIONS

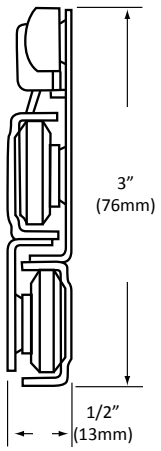
MOUNTING	SIDE
SPACE REQUIRED	1/2” (13mm)
HEIGHT	3” (76mm)
DRAWER EXTENSION	LENGTH OF SLIDE MINUS 4-1/4” (107mm)
LOAD CAPACITY	75 lbs (40kg) PER PAIR
MATERIAL	COLD ROLLED STEEL, ZINC PLATED, CLEAR CHROMATE
ACTION	NYLON BALL BEARING ROLLERS
ADDITIONAL	POSITIVE STOPS, FINGER TIP RELEASE, REMOVABLE

NOTE: LOAD RATING BASED ON 18” (457mm) SLIDE LENGTH
PACKAGED 10 PAIR PER CARTON

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
- 100 lbs (50kg) LOAD CAPACITY • NO DEFLECTION
- ALLOWS DRAWER TO BE EASILY REMOVED

SPECIFICATIONS

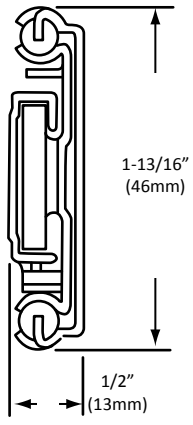
MOUNTING	SIDE
SPACE REQUIRED	1/2” (13mm)
HEIGHT	2-3/8” (60mm)
DRAWER EXTENSION	FULL TRAVEL
LOAD CAPACITY	100 lbs (50kg) PER PAIR
MATERIAL	COLD ROLLED STEEL, ZINC PLATED, CLEAR CHROMATE
ACTION	FRONT INTERMEDIATE WHEEL: NYLON ROLLER OUTER CHANNEL ASSEMBLY: STEEL BALL BEARING
ADDITIONAL	POSITIVE MECHANICAL STOP, FULL EXTENSION WITH VIRTUALLY NO DEFLECTION, REMOVABLE

NOTE: LOAD RATING BASED ON 18” (457mm) SLIDE LENGTH
PACKAGED 10 PAIR PER CARTON

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.



G

DRAWER SLIDES, 3/4”(19mm) CLEARANCE

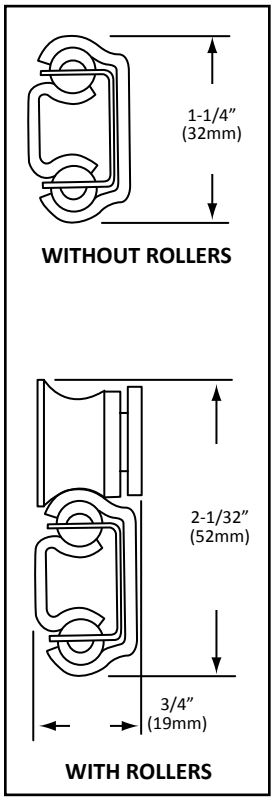
S30 SERIES

- ZINC PLATED STEEL
- FULL EXTENSION
- 75 lbs (40kg) LOAD CAPACITY
- ALLOWS DRAWER TO BE EASILY REMOVED

SPECIFICATIONS

MOUNTING	SIDE
SPACE REQUIRED	3/4” (19mm)
HEIGHT	2-1/32” (52mm) WITH ROLLERS 1-1/4” (32mm) WITHOUT ROLLERS
DRAWER EXTENSION	FULL TRAVEL, CONTROLLED BY ROLLER REPLACEMENT
LOAD CAPACITY	75 lbs (40kg) PER PAIR
MATERIAL	ZINC PLATED STEEL
ACTION	NYLON OR NON-CORROSIVE METAL ROLLERS
ADDITIONAL FEATURES	NON-HANDED, REMOVABLE (WITH ROLLERS), RUBBER STOPS

NOTE: LOAD RATING BASED ON 18”(450mm) SLIDE LENGTH
PACKAGED 10 PAIR PER CARTON



S30 SERIES ZINC PLATED STEEL FULL EXTENSION DRAWER SLIDES

SIZE	MODEL NO. WITH NYLON ROLLERS	MODEL NO. WITH METAL ROLLERS	MODEL NO. WITHOUT ROLLERS
18”(457mm)	**S30-1018**	**S30-3018**	**S30-2018**
20”(508mm)	**S30-1020**	**S30-3020**	**S30-2020**
22”(559mm)	**S30-1022**	**S30-3022**	**S30-2022**
24”(610mm)	**S30-1024**	**S30-3024**	**S30-2024**

ACCESSORIES:

S30-Y001	NYLON ROLLER (EA)
S30-Y002	Metal Roller (ea) (4 rollers required per pair)

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

NSF COMPONENT

HEAVY DUTY S90 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

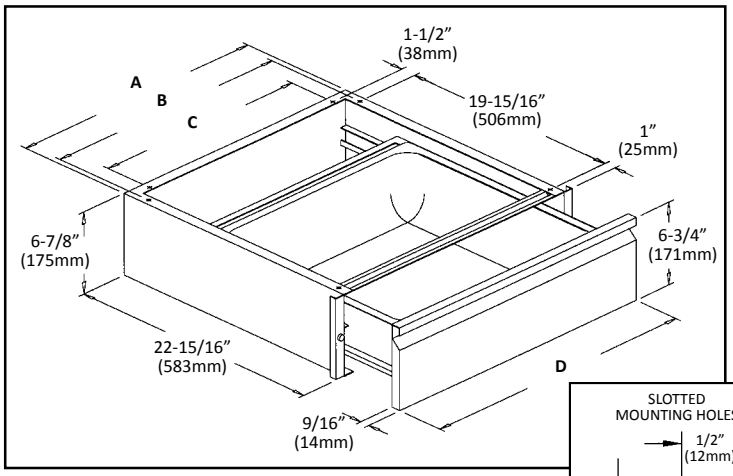
MODEL NO.	DESCRIPTION	LOCK	PAN
***S90-0015-N**	15" (381mm) Pan	-	S/S
***SE90-0015-N**			
***S90-0015-C-N**	15" (381mm) Pan	Cylinder	S/S
***SE90-0015-C-N**			

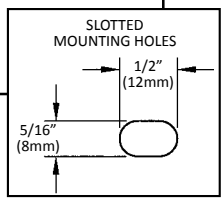
MODEL NO.		A	B	C	D
S90-0015 **SE90-0015**	DIM. FOR 15" ASS'Y	17-3/4" (451mm)	16-1/2" (419mm)	13-5/8" (346mm)	19-5/16" (497mm)
S90-0020 **SE90-0020**	DIM. FOR 20" ASS'Y	23-3/8" (594mm)	22-1/8" (562mm)	19-1/4" (489mm)	25-1/16" (636mm)

20" S/S DRAWER ASSEMBLY

MODEL NO.	DESCRIPTION	LOCK	PAN
***S90-0020-N** ***SE90-0020-N**	20" (508mm) PAN	-	S/S
***S90-0020-C-N** ***SE90-0020-C-N**	20" (508mm) PAN	Cylinder	S/S

*NSF LISTING APPLIES TO DRAWER ASSEMBLIES UTILIZING STAINLESS STEEL PANS ONLY.





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

A

B

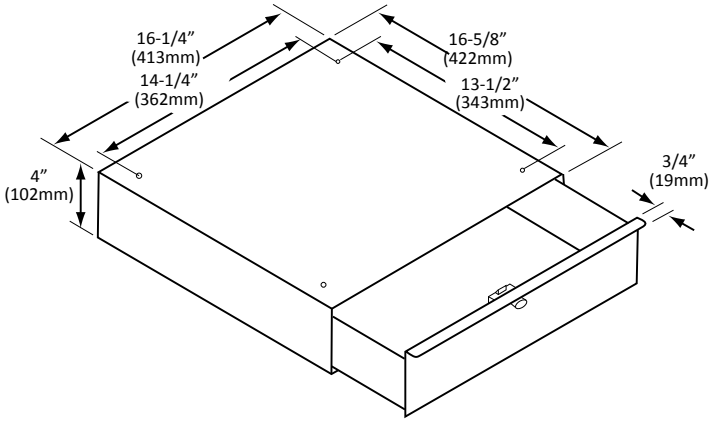
STAINLESS STEEL CASH DRAWER ASSEMBLY

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



G

REF. B

CURRENCY TRAY WITH COVER

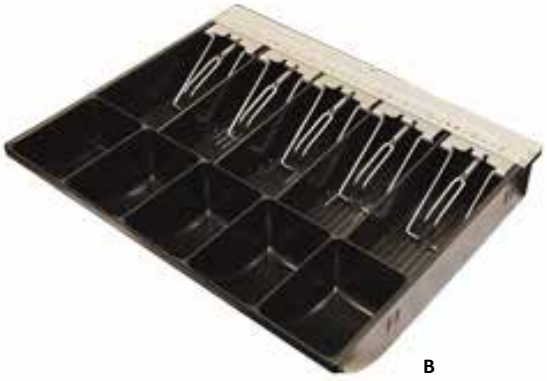
MODEL NO. S95-Y002

- 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

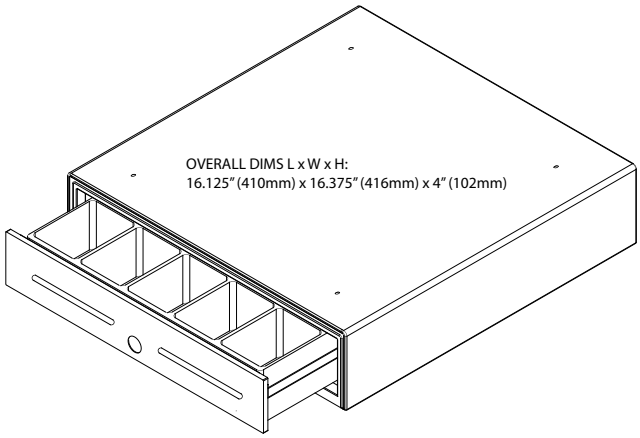
STAINLESS STEEL CASH DRAWER ASSEMBLY

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

BUMPERS & 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)

GROMMETS

FIG.	MODEL NO.	A	B	C	D	E
3	Q24-0220	9/16" (14mm)	1/4" (6mm)	1/4" (6mm)	1/16" (2mm)	3/8" (10mm)
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)
4	Q24-0320	9/16" (14mm)	1/4" (6mm)	5/16" (8mm)	1/8" (3mm)	3/8" (10mm)

LARGE DIAMETER GROMMETS

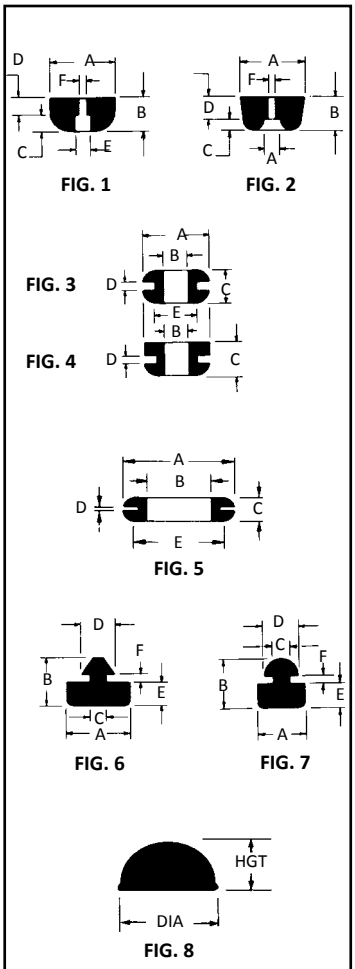
FIG.	MODEL NO.	A	B	C	D	E
5	Q24-0420	1-7/8" (48mm)	1-1/8" (29mm)	3/8" (10mm)	1/16" (2mm)	1-1/2" (38mm)
5	Q24-0520	2-7/8" (75mm)	2-1/8" (54mm)	7/16" (11mm)	1/16" (2mm)	2-1/2" (64mm)

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)



G

BALL BEARING SYSTEMS

BALL BEARING SYSTEMS - A COMPREHENSIVE GUIDE TO BEARING SELECTION SPECIFICALLY FOR FOOD SERVICE EQUIPMENT APPLICATIONS

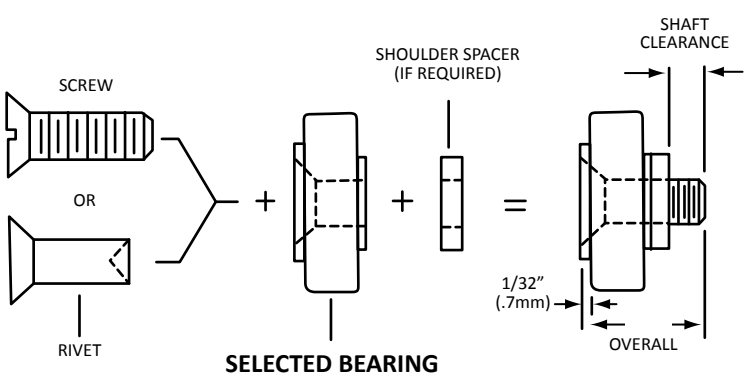
COMPONENT HARDWARE HAS DESIGNED AN INNOVATIVE BALL BEARING SYSTEM WITH A DUAL FEATURE.

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.

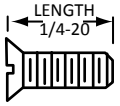
INSTRUCTIONS: SELECT ANY BEARING WITH HOLE. IF SHOULDER IS REQUIRED CHOOSE SHOULDER SPACER(S) AS REQUIRED. SELECT THE RIVER OR SCREW STUD WITH LENGTH TO SATISFY SHOULDER, SHAFT CLEARANCE AND THICKNESS OF BEARINGS. (SEE ILLUSTRATION)



SELECTED BEARING

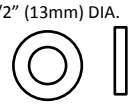
B20-1013

B20-1019	**B20-1230**
B20-1028	**B20-1819**
B20-1032	**B23-1013**
B20-1219	**B24-1013**



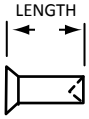
STAINLESS STEEL SCREW STUDS

MODEL NO.	TH'K
B30-X003	1" (25mm)
B30-X004	5/8" (16mm)
B30-X008	3/4" (19mm)



STAINLESS STEEL SHOULDER SPACERS

MODEL NO.	TH'K
B10-X004	7/32" (6mm)
B10-X008	3/32" (2mm)
B10-X009	1/32" (1mm)

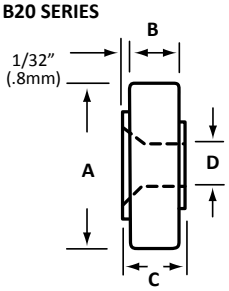


STAINLESS STEEL RIVETS

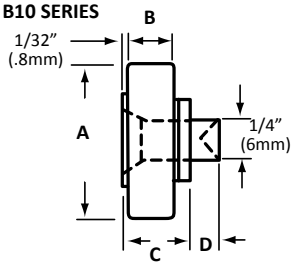
MODEL NO.	TH'K
B10-X012	1/2" (13mm)
B10-X013	3/4" (19mm)

FLAT BEARINGS

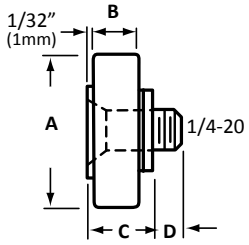
B20 SERIES



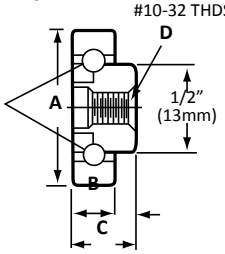
B10 SERIES



B30 SERIES



B40 SERIES

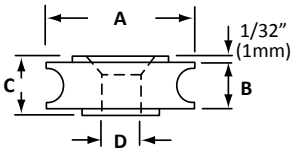


FLAT BEARINGS WITH HOLE

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)

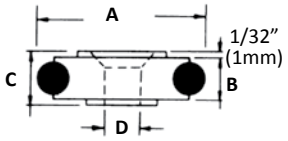
*BEARING LOAD RATINGS BASED ON 600 R.P.M.

CONCAVE & RUBBER TIRE BEARINGS



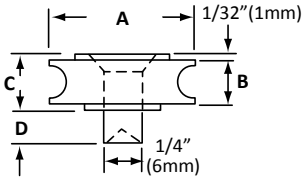
CONCAVE BEARING WITH HOLE STEEL INNER AND OUTER RACE

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)



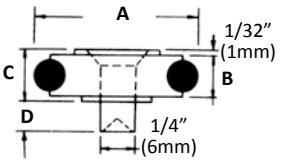
RUBBER TIRE BEARING WITH HOLE STEEL INNER AND OUTER RACE

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)



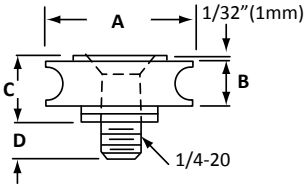
CONCAVE BEARING WITH RIVET STUD STEEL INNER AND OUTER RACE

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)



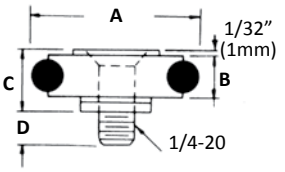
RUBBER TIRE BEARING WITH RIVET STUD STEEL INNER AND OUTER RACE

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

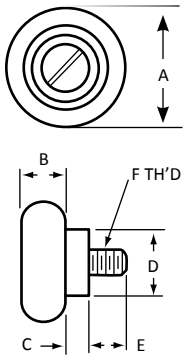
MODEL NO.	A	B	C	D	LOAD*
B33-1010	1-5/16" (33mm)	5/16" (8mm)	3/8" (10mm)	3/8" (10mm)	87 lbs (39kg)
B33-1016	1-5/16" (33mm)	5/16" (8mm)	19/32" (15mm)	3/8" (10mm)	87 lbs (39kg)

BALL BEARING ASSEMBLIES, PULLEY & WHEELS

REF A

DELRIN BEARING AND STAINLESS STEEL BALL BEARING ASSEMBLY WITH REMOVABLE THREADED FASTENER

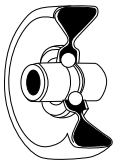
MODEL NO.	MAT'L.	TYPE	A	B	C	D	E	F
S26-Y001	Stainless Steel	Ball Bearing	.760 (19mm)	.250 (6mm)	.187 (5mm)	.420 (11mm)	.300 (8mm)	10-24
S10-Y001	Zinc Plated Stainless	Ball Bearing	.760 (19mm)	.250 (6mm)	.187 (5mm)	.420 (11mm)	.300 (8mm)	10-24
S52-X101	Delrin	Solid	1.070 (27mm)	.375 (10mm)	.187 (5mm)	.500 (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

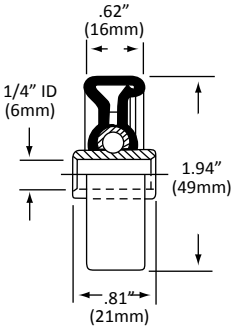


STAINLESS STEEL WHEEL

MODEL NO. IR-0031

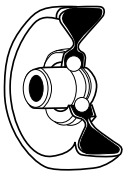
STEEL WHEEL ZINC PLATED

MODEL NO. IR-2263



REF C

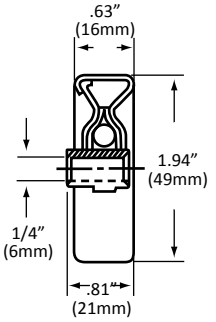
STAINLESS STEEL WHEEL



MODEL NO. IR-1061

ZINC PLATED STEEL with OFFSET BUSHING

MODEL NO. IR-2112

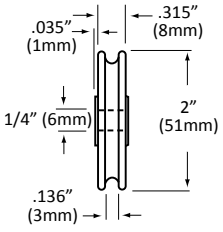


REF D

NYLON WHEEL PULLEY with STEEL RACES

NYLON/STEEL WHEEL PULLEY

MODEL NO. B25-1810

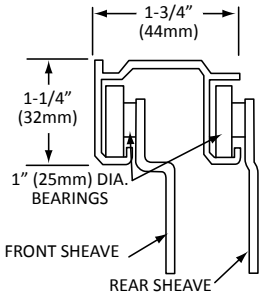


G

SLIDING DOOR COMPONENTS

OVERHEAD TRACK COMPONENTS FOR SLIDING DOORS

REF A



NSF COMPONENT

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

NSF COMPONENT

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

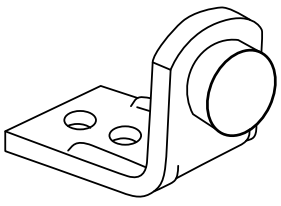
REF D

MATERIAL:
STEEL, ZINC PLATED

BUMPER:
SOLID RUBBER

DOOR STOP

MODEL NO.
B60-1086

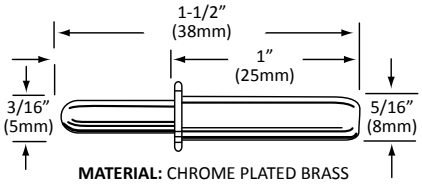


REF E

GUIDE PINS

MODEL NO. B56-1096

SPRING LOADED with PUSH-ON SPEED NUTS



MATERIAL: CHROME PLATED BRASS

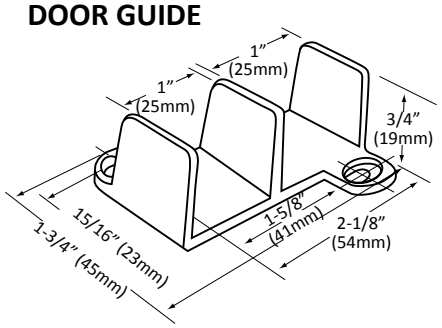
REF F

DOOR GUIDE

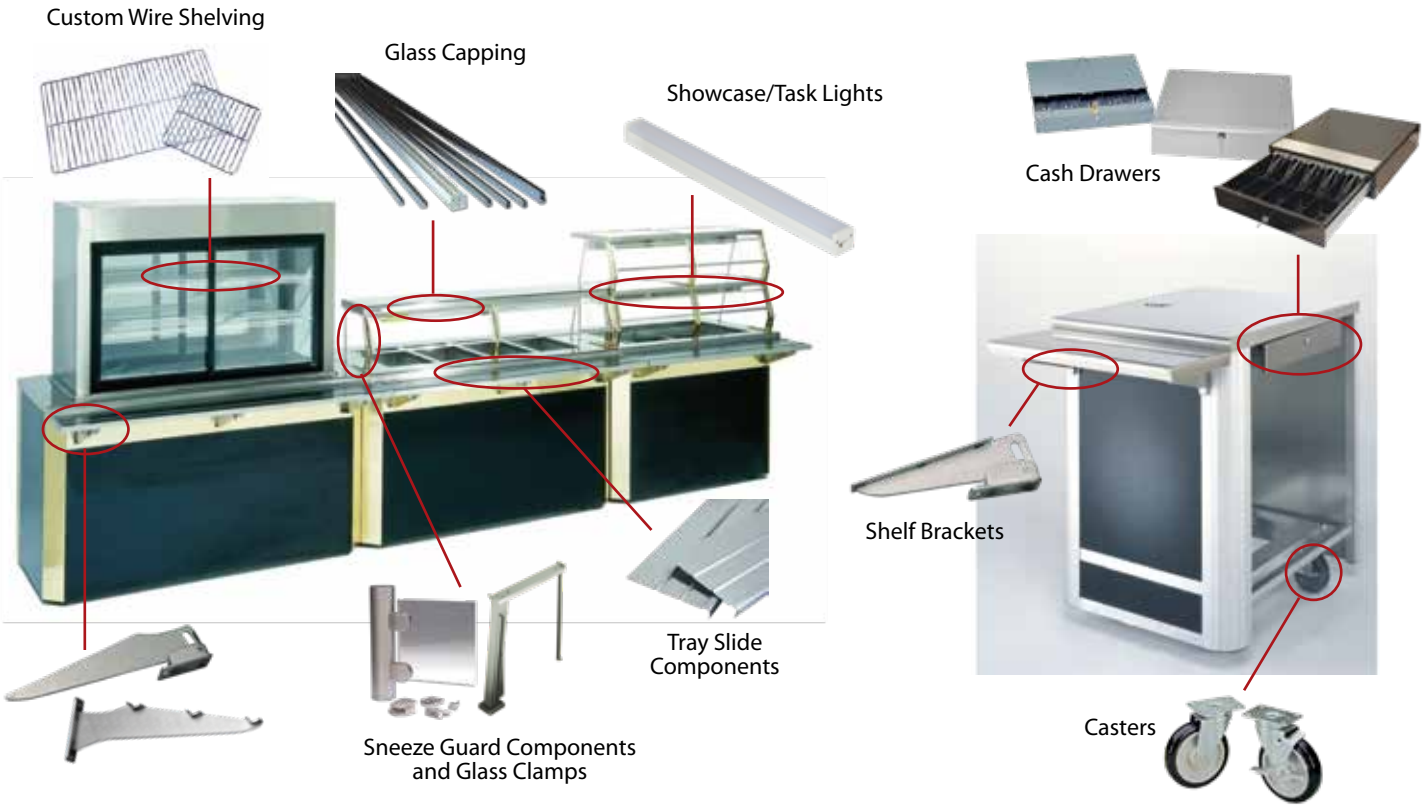
MODEL NO.
B62-1093

FOR 3/4" (19mm)
SLIDING DOORS

MATERIAL: NYLON
O.A. SIZE: 1-3/4" X 2-1/8"
(44mm x 54mm)



G



TRAY SLIDE COMPONENTS	H200	DRIP PLATE	H210
TRAY SLIDE & SHELF BRACKETS	H201	END CAPS & LID COVER BRACKETS	H211
FOLD DOWN/REMOVABLE SHELF BRACKETS	H202	SINK/TABLE/BAR ACCESSORIES	H212
PROTECTOR & SNEEZE GUARD COMPONENTS	H203	CORNER INSERTS	H213
GLASS CLAMPS, GLASS CAPPING & CHANNEL	H204	BRITE GARD™ CLEANING PRODUCTS	H214
CAP STRIPS & DIVIDER BARS	H205	ROLLER ASSEMBLIES. CONVEYOR ROLLER COMPONENTS & WHEELS	H215
MOULDINGS & DIVIDERS	H206	CONVEYOR ROLLER ASSEMBLIES	H216
POT RACK COMPONENTS	H207	ORDER FORM-CUSTOM CONVEYOR ROLLERS	H217
TUBING ACCESSORIES	H208		
WALL SHELVING	H209		

For Lighting Components, please see Lighting & Electrical on pages D97- D115

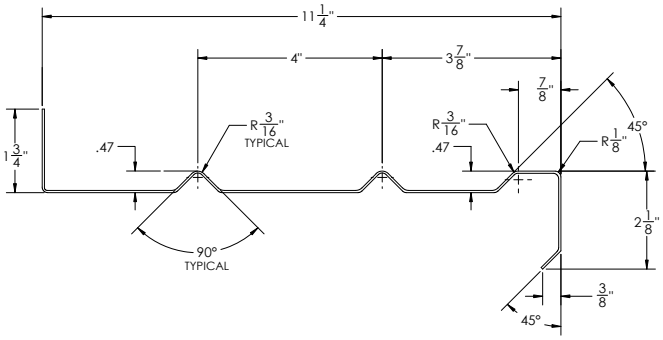
TRAY SLIDE COMPONENTS

REF. A

STAINLESS STEEL • ROLL FORMED
CONTINUOUS TRAY SLIDE
• PROVIDED WITH 90º ANGLE FOR EASY INSTALLATION
• CONTINUOUS...PERFECT ALIGNMENT • SATIN POLISHED FINISH

MODEL NO.	GAUGE	LENGTH	PKG.
J12-1601	16 ga (1.6mm)	10 ft (3000mm)	2/CTN

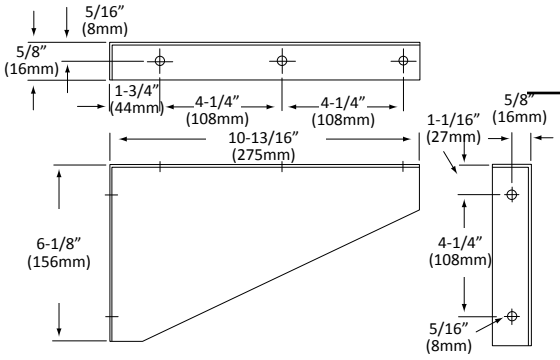
NSF COMPONENT



REF. B

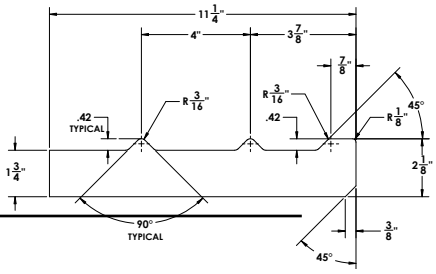
HEAVY 14 GAUGE
STAINLESS STEEL BRACKET
MODEL NO. J19-1400

• ECONOMICAL
• POLISHED TO A #4 SATIN FINISH
• PROVIDED WITH 91° ANGLE TO PREVENT TRAY SLIDE SAG
• PRE-DRILLED MOUNTING HOLES FOR FAST CONVENIENT INSTALLATION
• IDEAL FOR USE WITH CONTINUOUS TRAY SLIDE
• SOLD BY PAIR ONLY



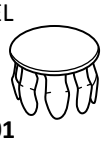
REF. C

STAINLESS STEEL
END PLATE
MODEL NO. J12-1402
14 ga (1.9mm) POLISHED STAINLESS STEEL FINISH



REF. D

NICKEL PLATED STEEL
END CAP
FOR 1" (25mm) O.D. TUBING
MODEL NO. J16-0201



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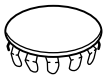


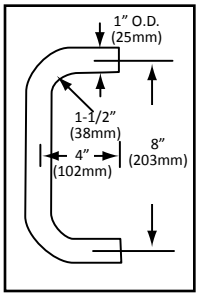
NICKEL PLATED STEEL
END CAP
FOR 1-5/8" (41mm) O.D. TUBING
MODEL NO. J16-0158

REF. F

SOLID STAINLESS STEEL
END CAP
FOR 1" (25mm) O.D.
18 ga (1.2mm) TUBING
(WELD APPLICATION)
MODEL NO. J16-0100

REF. G

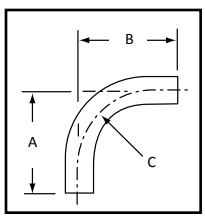
STAINLESS STEEL
SCREENED HOLE PLUG
FOR 1-5/8" (41mm) O.D. HOLE
MODEL NO. J16-0158-SPSS



REF. H

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

NSF COMPONENT



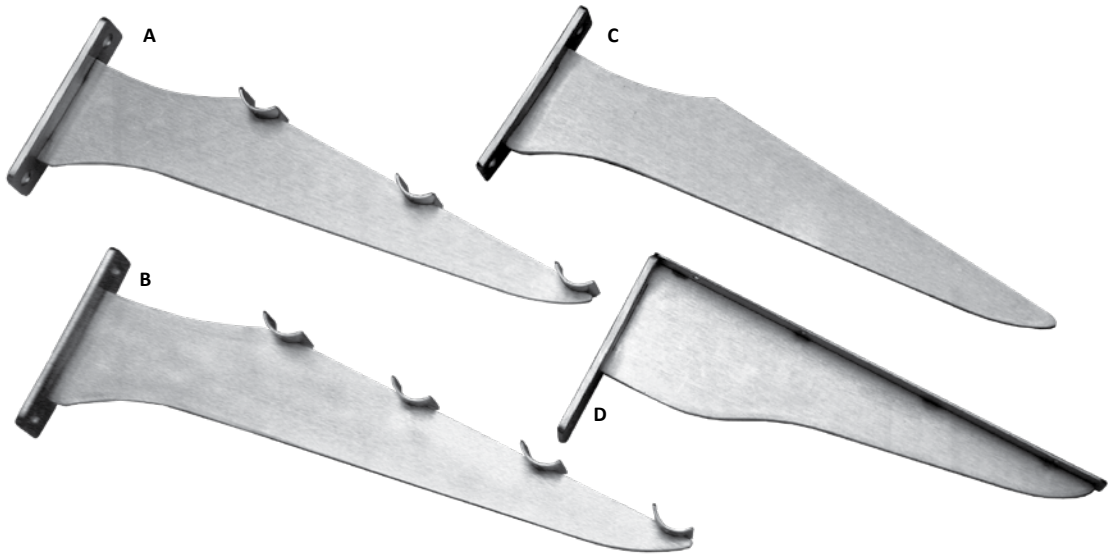
REF. I

STAINLESS STEEL
90° ELBOWS
• 16 ga (1.5mm) • FOR 1" (25mm) & 1-5/8" (41mm) TUBING DESIGNED FOR RAILS, SUPPORTS, ETC.

NSF COMPONENT

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



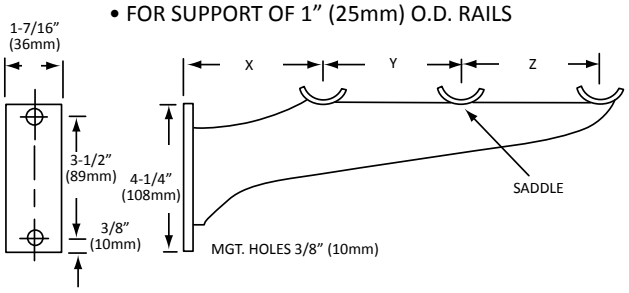
TRAY SLIDE and SHELF BRACKETS

REF. A

STAINLESS STEEL 3-RAIL TRAY SLIDE BRACKET

NSF COMPONENT

- 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)

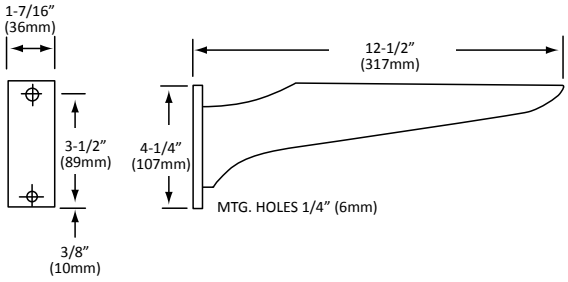
REF. C

NSF COMPONENT

STAINLESS STEEL TRAY SLIDE BRACKET WITHOUT SADDLES

MODEL NO. J19-4960-LT

LOAD CAPACITY: 150 lbs PER 2 BRACKETS

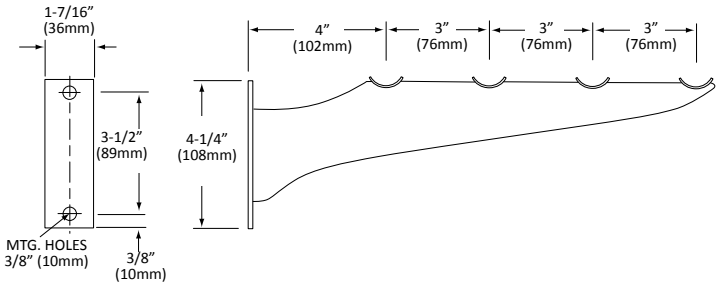


REF. B

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

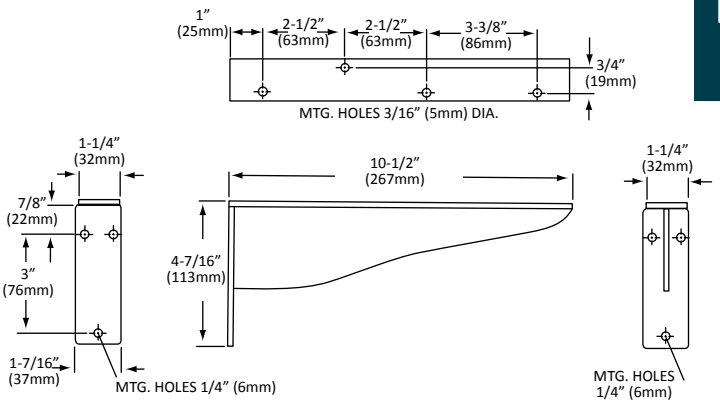


REF. D

STAINLESS STEEL FIXED SHELF BRACKET

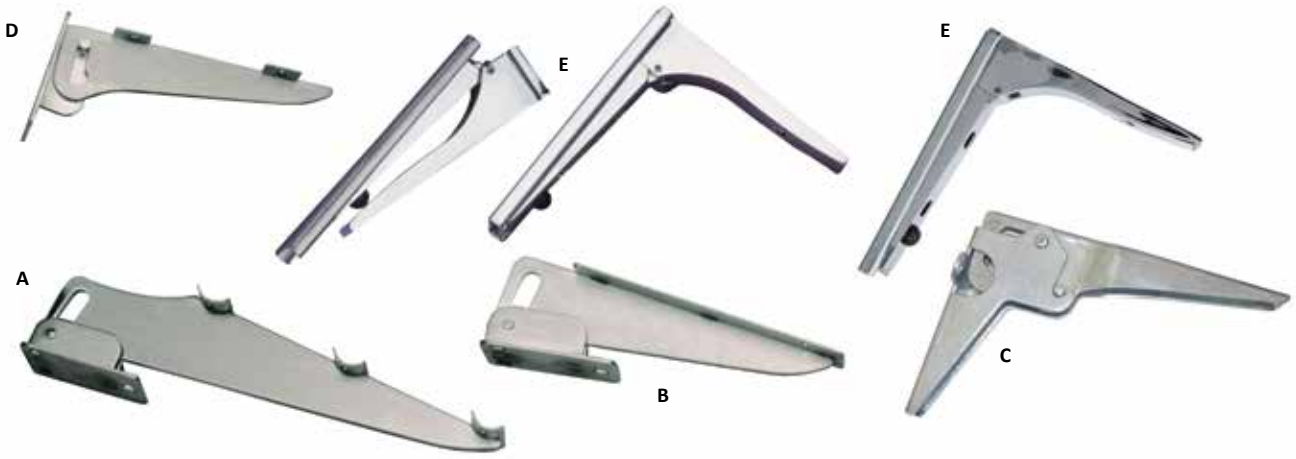
MODEL NO. J19-4966

LOAD CAPACITY: 200 lbs PER 2 BRACKETS



ALL BRACKETS SHOWN ARE 8 GAUGE (.170" - 4.5mm), STAINLESS STEEL POLISHED TO A #4 SATIN FINISH

H



FOLD DOWN / REMOVABLE SHELF BRACKETS

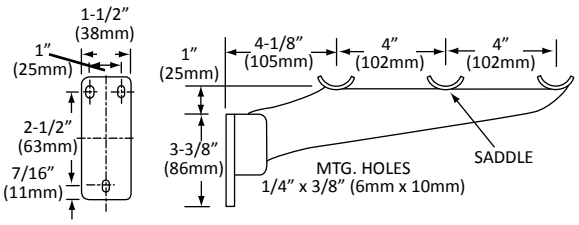
REF. A

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**

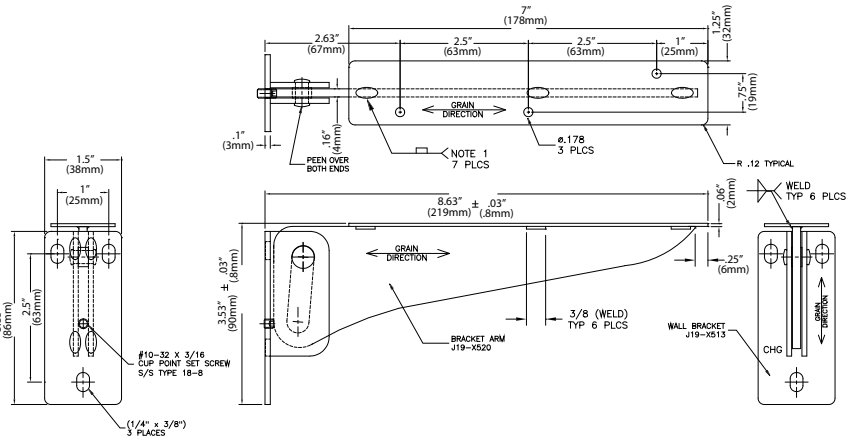


REF. B

STAINLESS STEEL FOLD DOWN SHELF BRACKET

MODEL NO. J19-4967

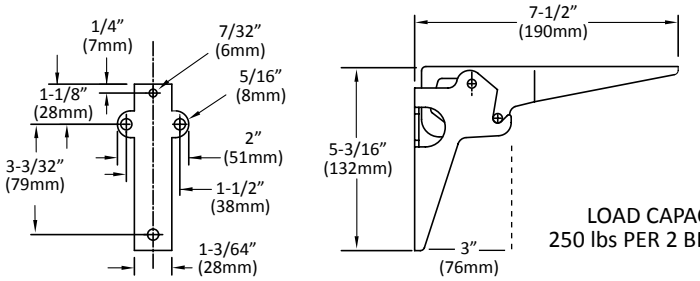
LOAD CAPACITY: 200 lbs PER 2 BRACKETS



REF. C

HEAVY DUTY ZINC PLATED STEEL FOLD DOWN SHELF BRACKET

MODEL NO. J18-2000



LOAD CAPACITY:
250 lbs PER 2 BRACKETS

REF. D

STAINLESS STEEL FOLD DOWN REMOVABLE SHELF BRACKET

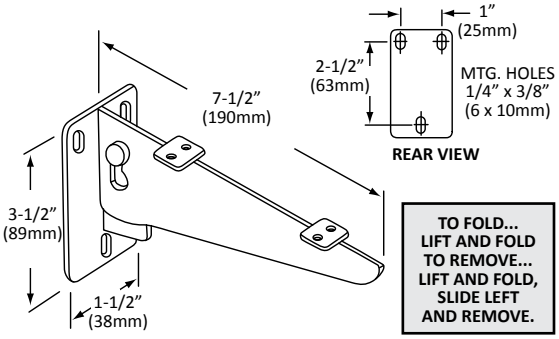
NSF COMPONENT

• SATIN FINISH • HEAVY DUTY

MODEL NO. J19-5000*

*SOLD AS A PAIR, KEYHOLE BASE WITH BRACKET AND STRAIGHT PIN BASE WITH BRACKET

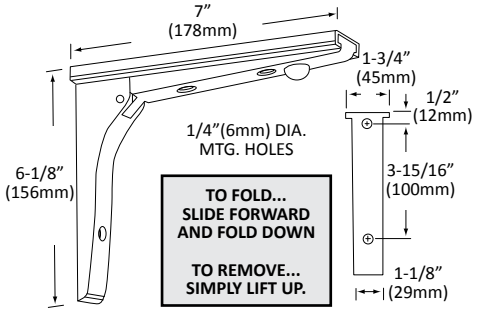
MATERIAL: STAINLESS STEEL WITH A #4 FINISH
LOAD CAPACITY: 150 lbs PER 2 BRACKETS



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

H

PROTECTOR AND SNEEZE GUARD COMPONENTS

STAINLESS STEEL PROTECTOR ASSEMBLY

- **STAINLESS STEEL CONSTRUCTION**
- **FOLD DOWN BRACKET DESIGN**
- **RIGID SUPPORT POST**
- **STURDY BASES**

SPECIFICATIONS:

STOCK SIZE: 14” (357mm) HIGH, 10” (254mm) SHELF, 10° SLANT FRONT

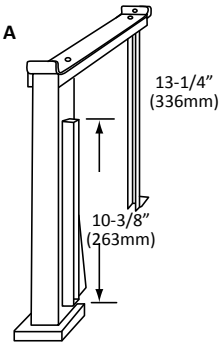
POSTS: SEAMLESS STAINLESS STEEL

BRACKETS: STAINLESS STEEL
DIE FORMED FURNISHED WITH LOCKING FEATURE TO HOLD BRACKET ASSEMBLY IN CLOSED POSITION ...NYLON ROLLER AND END CHANNEL TO ACCEPT WRAPPED GLASS FOR NOMINAL 1/4” (6mm) GLASS

MOUNTING: 5/16” x 2-1/4” (8mm x 57mm) BOLT FURNISHED FOR FASTENING FROM UNDERSIDE

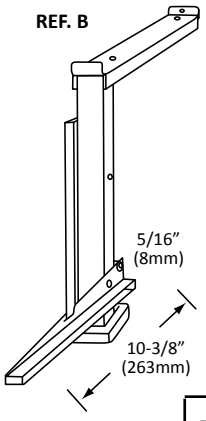
STAINLESS STEEL PROTECTOR ASSEMBLY WITH FOLD DOWN BRACKETS

REF. A



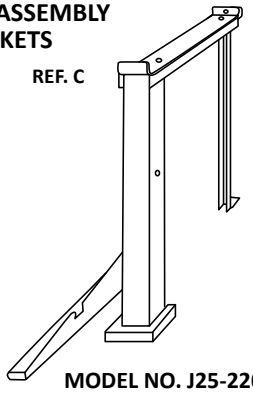
MODEL NO. J25-2100
(LEFT HAND)

REF. B



MODEL NO. J25-2300
(CENTER)

REF. C



MODEL NO. J25-2200
(RIGHT HAND)

NSF COMPONENT

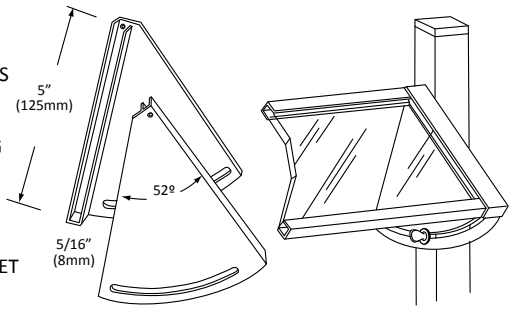
REF. D

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



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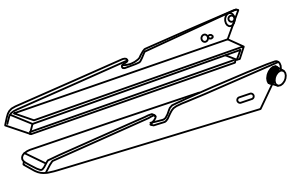
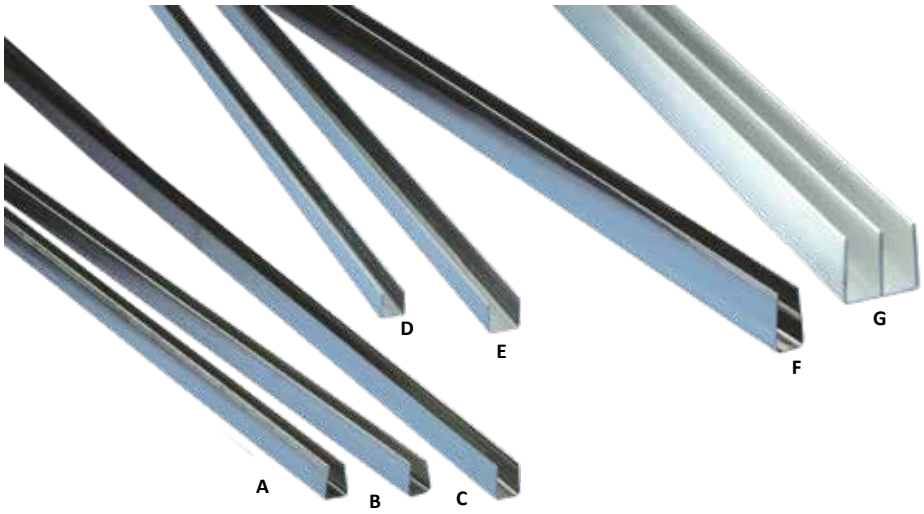


10-3/8”L STAINLESS STEEL FOLD DOWN SNEEZE GUARD PROTECTOR BRACKET - PAIR

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

H



GLASS CLAMPS, GLASS CAPPING AND CHANNEL

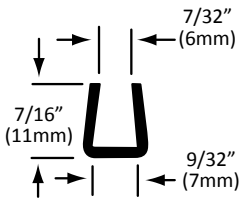
STAINLESS STEEL GLASS CAPPING

• 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. A



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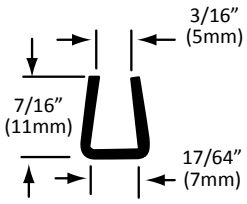

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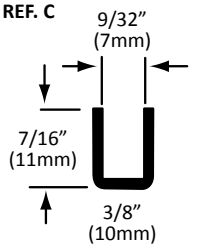

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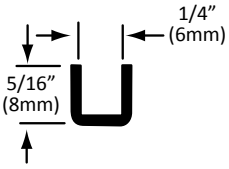

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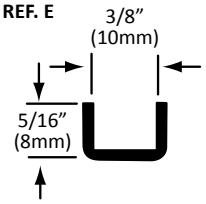

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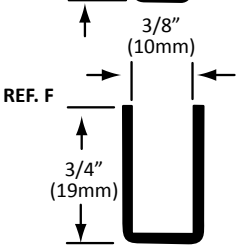
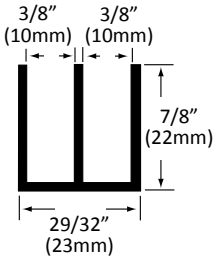


REF. G

EXTRUDED ALUMINUM
DOUBLE CHANNEL
TRACK COMPONENT
MODEL NO. B74-0011
STOCK LENGTH 12 ft (3.6m)



H

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

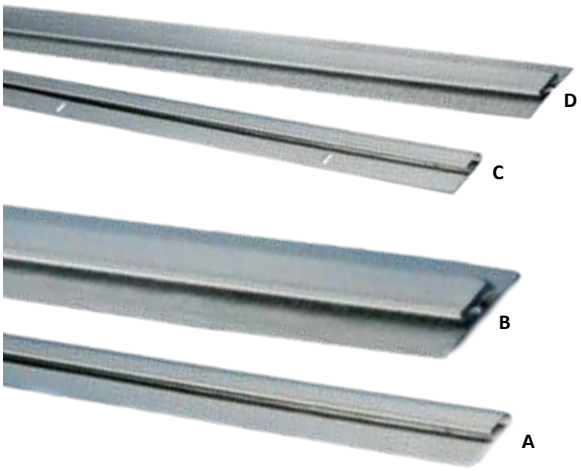
NOTE: MOUNTING SCREW NOT PROVIDED

- 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 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

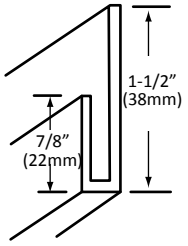
REF. A

EXTENDED WIDE
STAINLESS STEEL
CAP STRIP

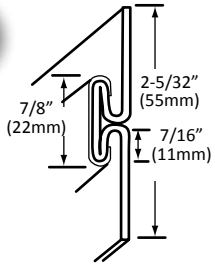
FOR 1/16" (1.6mm) MATERIAL
SATIN FINISH

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

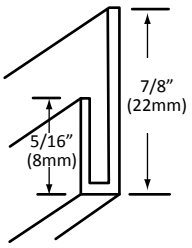
MODEL NO. J63-1451
7 ft (2.1m) LENGTH

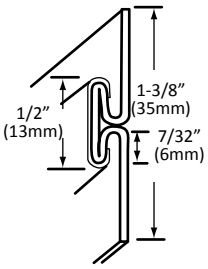
MODEL NO. J63-1451-8*
8 ft (2.4m) LENGTH

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

H

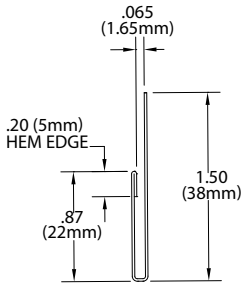
REF. E

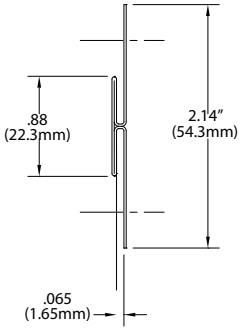
EXTENDED WIDE
304 STAINLESS STEEL
CAP STRIP

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

REF. E

- 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

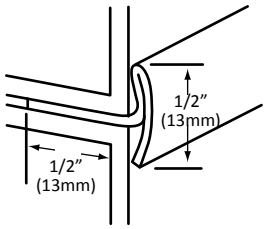
REF. F

STAINLESS STEEL
LINE UP DIVIDER

MODEL NO. J65-4110

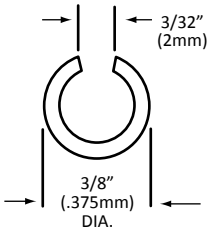
1/2" (13mm) FACE
12 ft (3.6m) LENGTH

STOCK LENGTH 12 ft (3.6m)



H

REF. G

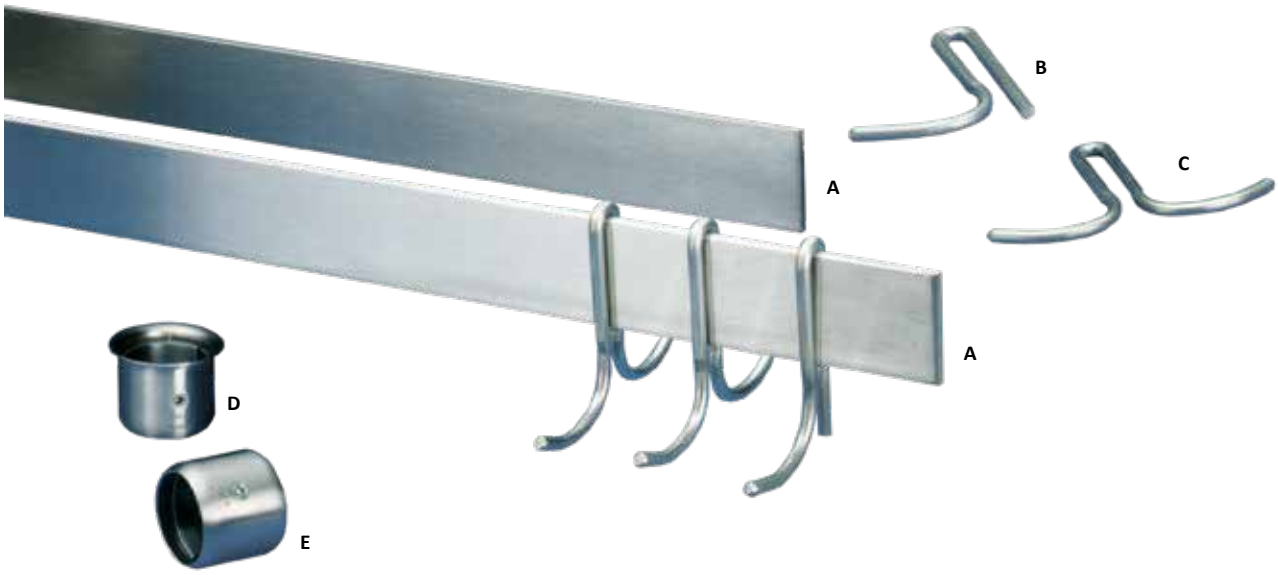


STAINLESS STEEL
SPLIT TUBE MOULDING

• 20 ga (1mm) • 2B FINISH

MODEL NO. J62-0012

12 ft (3.6m) LENGTH, IDEAL FOR HEMMING/EDGING
MINIMUM ORDER 12 PIECES



POT RACK COMPONENTS

REF. A

NSF COMPONENT

STAINLESS STEEL POT RACK BAND

- STAINLESS STEEL
- POLISHED (180 GRIT)
- PAPER INTERLEAVED
- AVAILABLE IN TWO STOCK SIZES

MODEL NO. J95-2250

1/4" (6mm) x 2" (51mm) x 10 FT. (3000mm)
200 ft /CTN., (60 meters),
TWENTY 10 ft (3000mm) LGTHS.

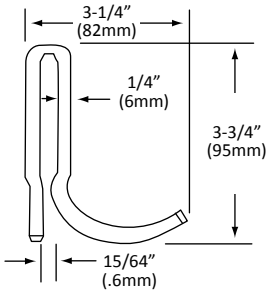
MODEL NO. J95-2187

3/16" (4.7mm) x 2" (51mm) x 10 FT. (3000mm)
200 ft/CTN., (60 meters),
TWENTY 10 ft (3000mm) LGTHS.

REF. B

NSF COMPONENT

STAINLESS STEEL
SLIDING POT RACK HOOK
SINGLE PRONG

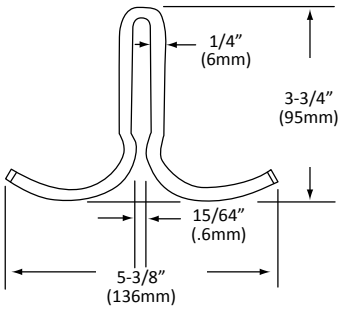


MODEL NO. J79-4115

REF. C

NSF COMPONENT

STAINLESS STEEL AND
ZINC PLATED STEEL
SLIDING POT RACK HOOKS
DOUBLE PRONG

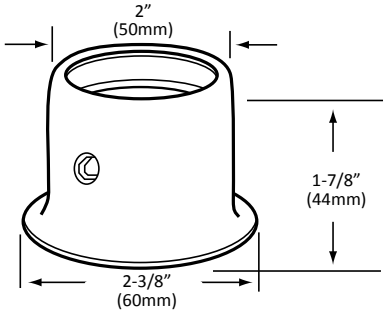


STAINLESS STEEL MODEL NO. J77-4401
ZINC PLATED STEEL MODEL NO. J77-4420

REF. D

NSF COMPONENT

STAINLESS STEEL
SUPPORT COLLAR
FOR 1-5/8" (41mm) O.D. TUBING

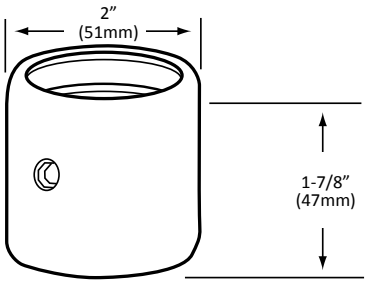


MODEL NO. A16-0206-C

REF. E

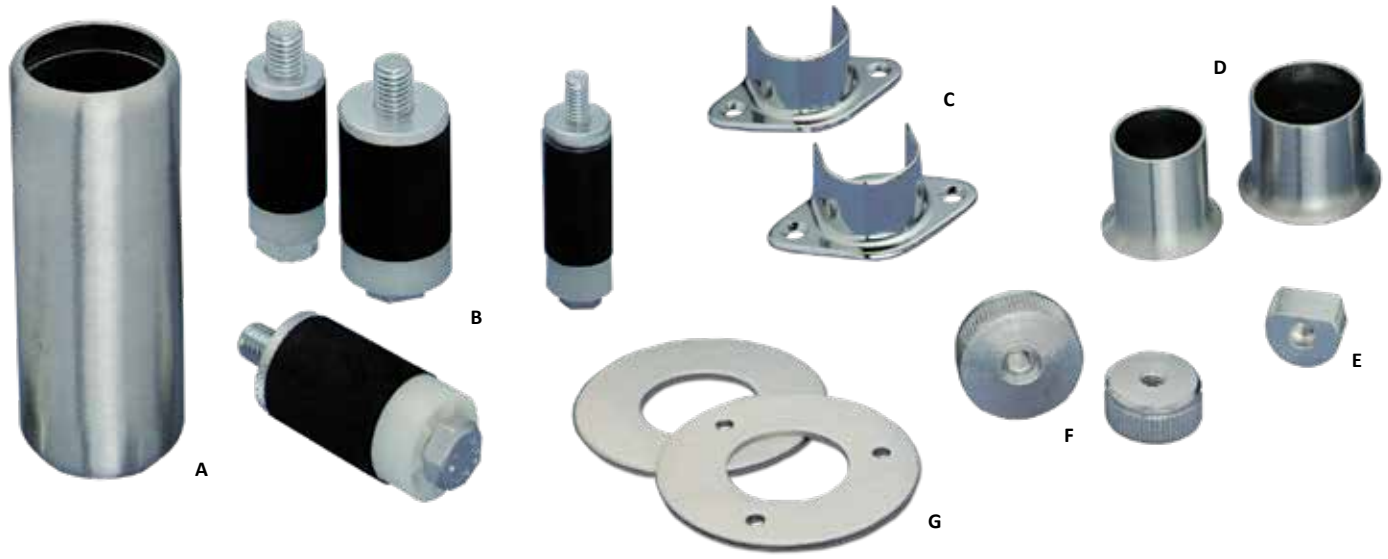
NSF COMPONENT

STAINLESS STEEL
TUBULAR COLLAR
FOR 1-5/8" (41mm) O.D. TUBING



MODEL NO. A24-0206-C

H



TUBING ACCESSORIES

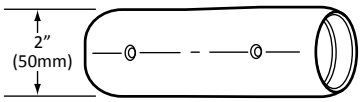
REF. A

STAINLESS STEEL
TUBULAR SHELF SUPPORT
FOR 1-5/8" (41mm) O.D. TUBING

NSF COMPONENT

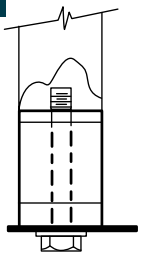
- LONG LENGTH • ADJUSTABLE
- DOUBLE SET SCREW LOCKING
- PLATED INSIDE LINER
- SUITABLE FOR A WIDE ARRAY OF CUSTOM APPLICATIONS

MODEL NO. A24-0207-C
5-1/4" (133mm) LG.



REF. B

RUBBER EXPANDING FASTENERS
- FOR FAST KD INSTALLATION
- FOR ROUND OR SQUARE TUBING



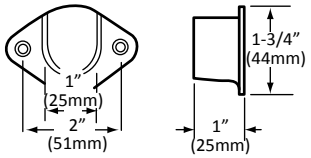
MODEL NO.	TUBING SIZE
J57-7100	1"(25mm)
J57-7125	1-1/4"(32mm)
J57-7150	1-1/2"(38mm)
J57-7158	1-5/8"(41mm)

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

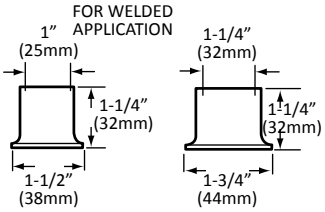
MODEL NO. J53-0125



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
16 GAUGE ONLY

FURNISHED WITH 1/4-20 TH'D

REF. F

PLATED STEEL
KNURLED BUSHING
- PERMITS POSITIVE CONCEALED FASTENING

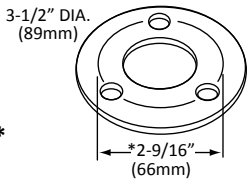
FOR 1-1/4" (32mm) O.D. TUBING... **MODEL NO. J58-0014***
FOR 1-5/8" (41mm) O.D. TUBING... **MODEL NO. J58-0158***
*16 GAUGE ONLY

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**



H

Without Pot Rack

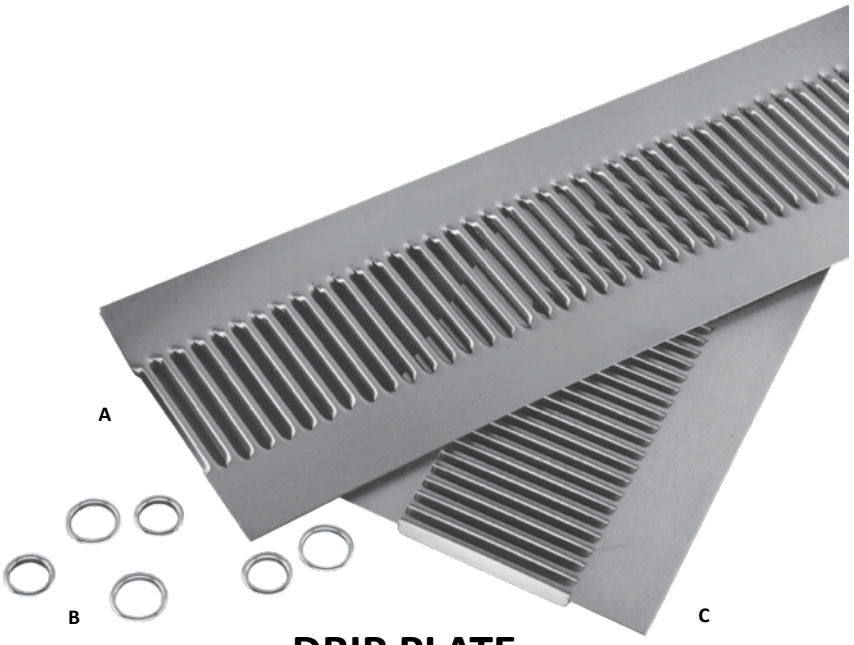
With Pot Rack and Hooks

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

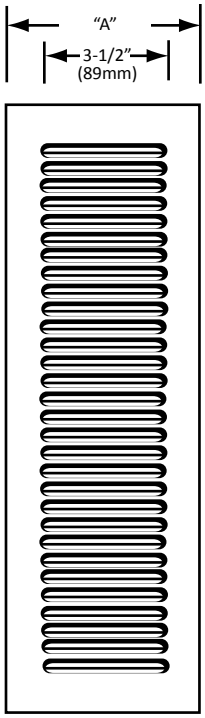
OPTIONAL ACCESSORIES

MODEL NO.	DESCRIPTION
J79-4115	Single Pot Hook, Stainless Steel
J77-4401	Double Pot Hook, Stainless Steel



DRIP PLATE

REF. A



STAINLESS STEEL
DRIP PLATE
ECONOMY TYPE

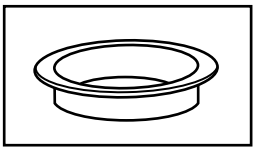
- ECONOMY DESIGN
- 24 ga (.6mm) WITH #4 FINISH

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)
J81-5209-6-C	9" (229mm)	72" (1829mm)

PACKAGED 5 PCS. PER BOX

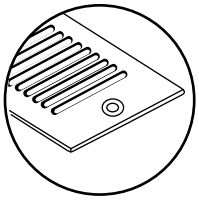
REF. B



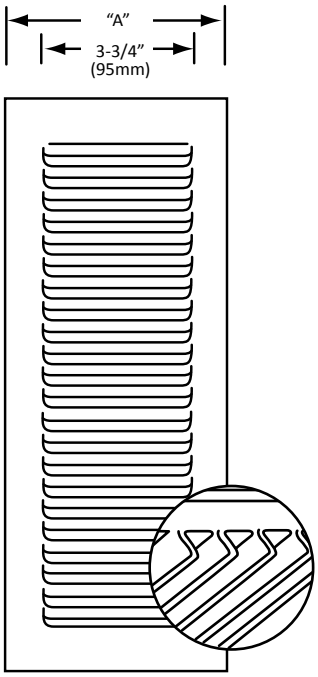
NICKEL PLATED BRASS
FINISHING RINGS

MODEL NO.
J86-4300
FOR 7/8" (22mm) DIA. HOLE

MODEL NO.
J86-4301
FOR 1" (25mm) DIA. HOLE



REF. C



STAINLESS STEEL
DRIP PLATE
NON-SPLASH

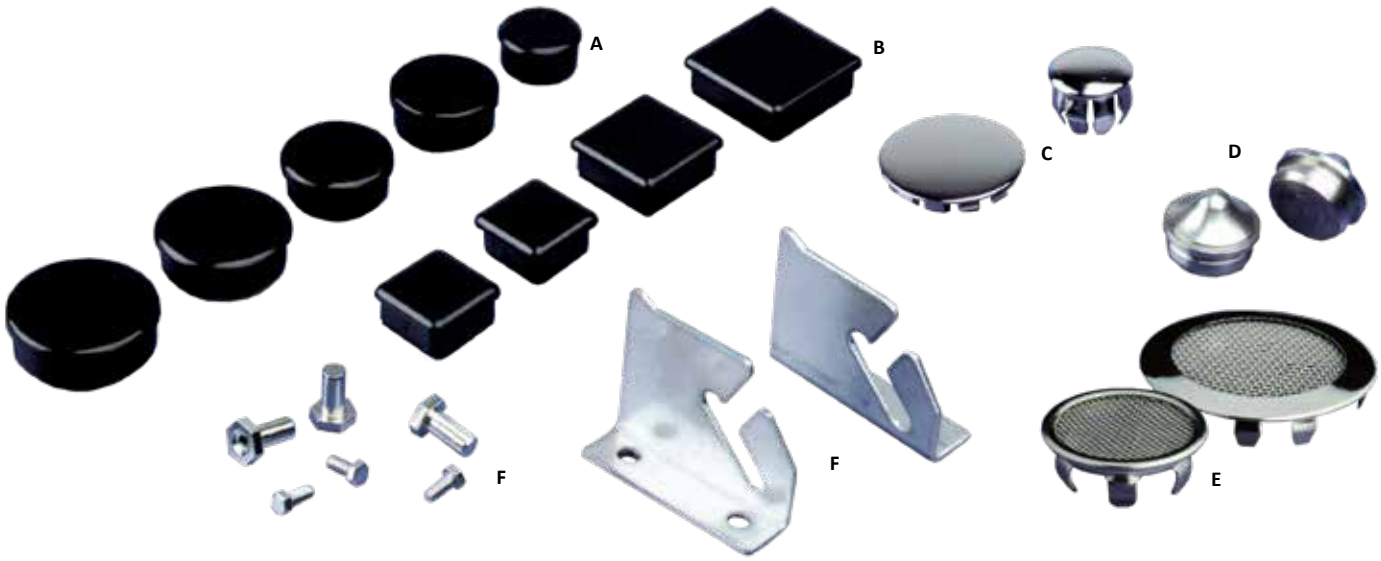
- HEAVY DUTY DESIGN
- 21 ga (.8mm) WITH #4 FINISH

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

H



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

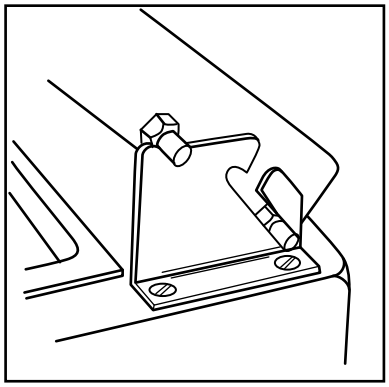
MODEL NO. J16-0158
FOR 1-5/8" (41mm) O.D. TUBING

REF. D SOLID STAINLESS
END CAPS
MODEL NO. J16-0100
18 ga (1mm)
FOR 1" (25mm) O.D. TUBING
(WELD APPLICATION)

REF. E 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. F

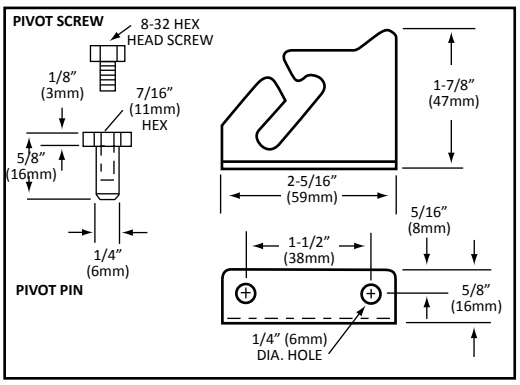
STAINLESS STEEL
LID COVER BRACKET ASSEMBLY

- 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**

H

A

B

C

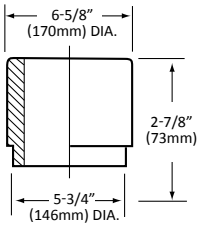
D

SINK / TABLE / BAR ACCESSORIES

REF. A

NSF COMPONENT

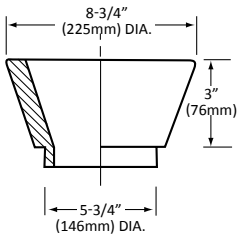
GREY SOLID RUBBER
SCRAP BLOCK
FITS STANDARD 5-3/4" (146mm) DIA. OPENING
MODEL NO. J92-9360



REF. B

NSF COMPONENT

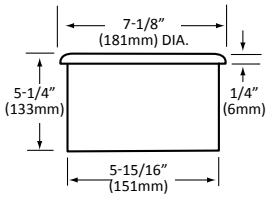
GREY SOLID RUBBER
SCRAP BLOCK
FUNNEL SHAPED
FITS STANDARD 5-3/4" (146mm) DIA. OPENING
MODEL NO. J92-5000



REF. C

NSF COMPONENT

STAINLESS STEEL
SCRAP CHUTE
FITS STANDARD 6" (152mm) DIA. OPENING
MODEL NO. J92-1000



PLATED CAST IRON
BOTTLE OPENER
MODEL NO. T80-0485

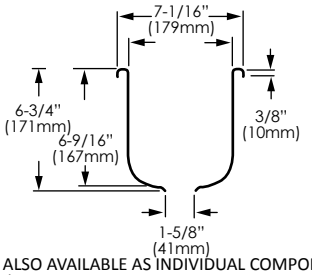
REF. D

NSF COMPONENT

STAINLESS STEEL
DIPPERWELL ASSEMBLY

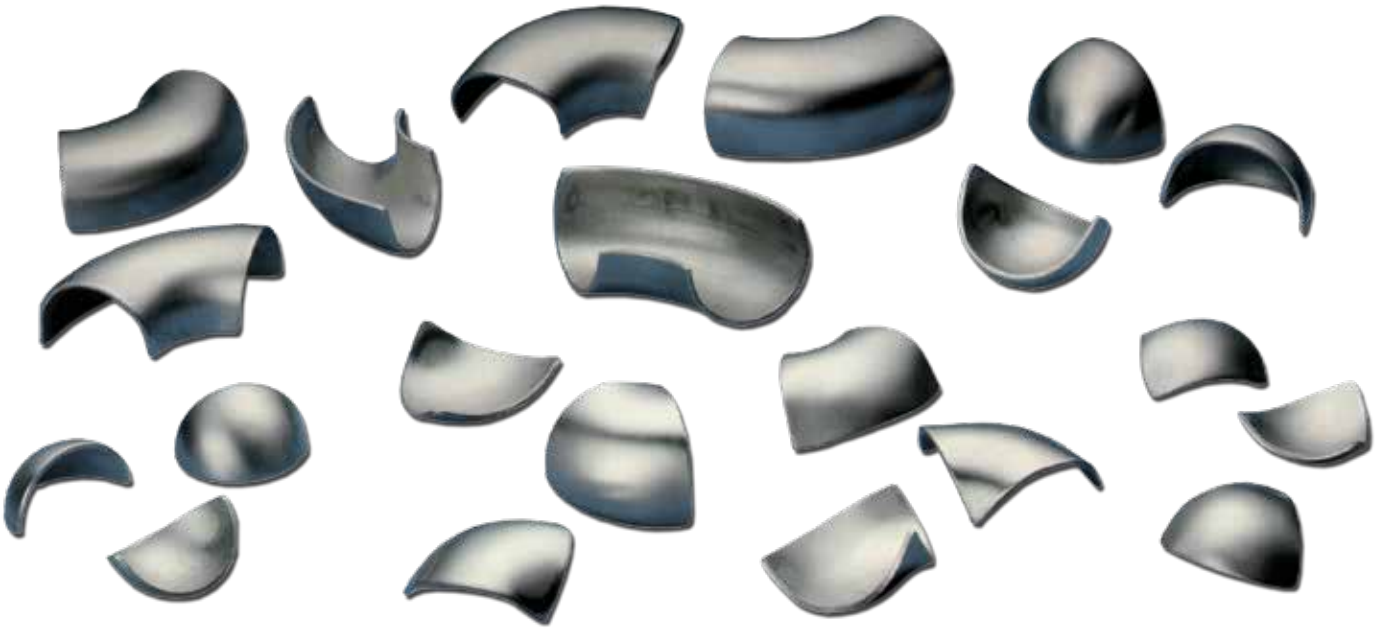
- FITS INTO 6"(152mm) DIA. OPENING
- TYPE 18-8 STAINLESS STEEL INNER AND OUTER SHELL
- 9-1/2"(241mm) OVERALL LENGTH
- COMPLETE WITH STAINLESS STEEL DRAIN AND 1-1/2"(38mm) O.D. X 4"(102mm) LONG BRASS NICKEL PLATED TAILPIECE

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

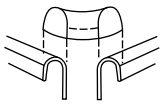
H

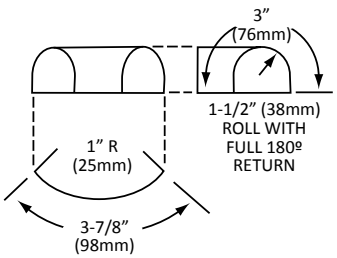


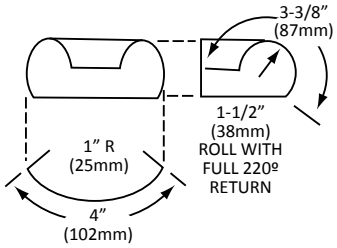
WELD-IN CORNER INSERTS

• IDEAL FOR STAINLESS STEEL SINKS, COUNTERS AND WORK TABLES

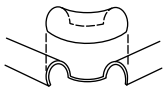
STAINLESS STEEL
COVE CORNER INSERT
14 ga (1.8mm)
MODEL NO. J70-4701
FOR NOMINAL 1-1/2" (38mm) ROLLS WITH 1" (25mm) INSIDE RADIUS



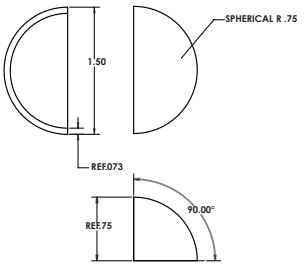


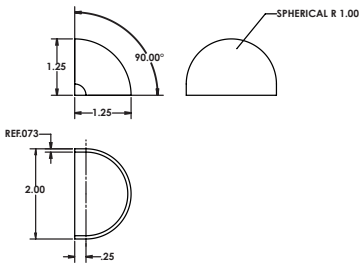


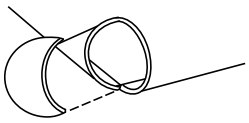
STAINLESS STEEL
COVE CORNER INSERT
14 ga (1.8mm)
MODEL NO. J70-4691
FOR NOMINAL 1-1/2" (38mm) ROLLS WITH 1" (25mm) INSIDE RADIUS



STAINLESS STEEL
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

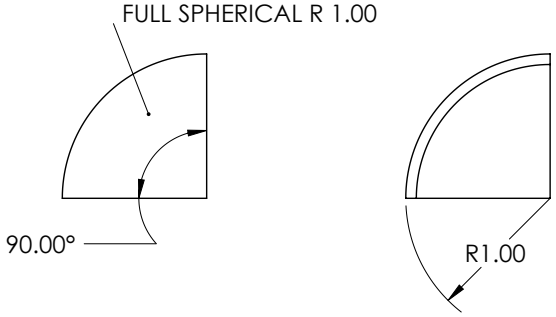


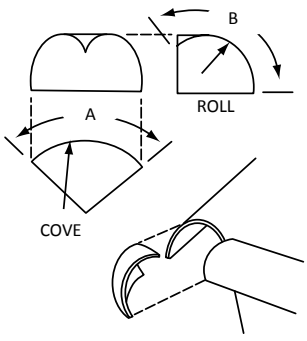




QUARTER SPHERES FOR NOMINAL 1-1/2" (38mm) AND 2" (51mm)

STAINLESS STEEL
TRIANGULAR INSERT
14 ga (1.8mm)
MODEL NO. J70-4801





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

H

MODEL NO.
Q85-2128

MODEL NO.
Q85-2004

MODEL NO.
Q85-2016

Biodegradable
100% Recyclable

Brite Gard™

STAINLESS STEEL CLEANER/PROTECTANT

- CLEANS, SHINES & PROTECTS
- DOES NOT LEAVE OILY RESIDUE
- ENVIRONMENTALLY FRIENDLY – USES MANUAL PUMP SPRAYER, NOT AEROSOLS
- VIRTUALLY ELIMINATES FINGERPRINTS & SMUDGES
- SPECIFICALLY FORMULATED FOR USE ON INDOOR/OUTDOOR STAINLESS STEEL APPLIANCES
- SAFE – USES FOOD GRADE INGREDIENTS

MODEL NO.	DESCRIPTION	WT. PER BOTTLE	BOX/CASE QTY
Q85-2004	Pump Spray	4 fl. oz. (118ml)	Each
Q85-2016	Pump Spray	16 fl. oz. (474ml)	Each
MODEL NO.	**DESCRIPTION**	**WT. PER REFILL**	**BOX QTY**
Q85-2128 (shown)	Refill	1 gal. (3.8ml)	Each
Q85-212804	Refill	1 gal. (3.8ml)	4/Box

MODEL NO.
Q85-8000
Q85-8500

Brite Gard®

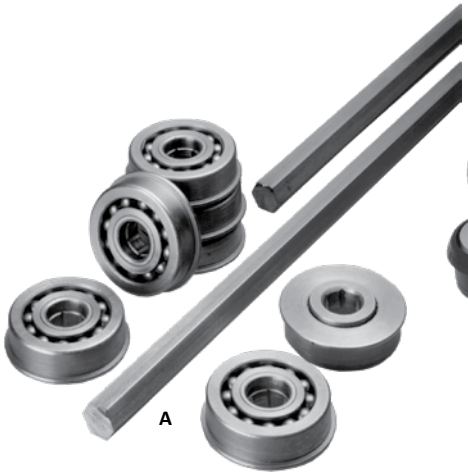
ALL PURPOSE WIPERS

- 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

MODEL NO.
Q85-7000
Q85-7500

CHG go green
Wipers Contain
25%
Recycled Fibers

HEAVY-WEIGHT QUARTERFOLD (60 count) MODEL NO. Q85-7000		LIGHT-WEIGHT QUARTERFOLD (90 count) MODEL NO. Q85-7500		SUPER STRENGTH INTERFOLD (126 count) MODEL NO. Q85-8000		LIGHT-WEIGHT INTERFOLD (135 COUNT) MODEL NO. Q85-8500	
Sheet Size:	12-1/2" x 13" (138mm x330mm)	Sheet Size:	12-1/2" x 13" (138mm x 330mm)	Sheet Size:	9-1/2" x 16-1/2" (241mm x419mm)	Sheet Size:	9-1/2" x 16-1/2" (241mm x419mm)
Sheet Per Case:	720	Sheet Per Case:	1080	Sheet Per Case:	1008	Sheet Per Case:	1080
Case Quantity:	12	Case Quantity:	12	Case Quantity:	8	Case Quantity:	8
Case Weight:	15lbs (7kg)	Case Weight:	15lbs (7kg)	Case Weight:	18lbs (8kg)	Case Weight:	20lbs (9kg)



CONVEYOR ROLLER COMPONENTS

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. B

PLASTIC CONVEYOR ROLLER BEARINGS

- STOCKED FOR 1.90" (48mm) O.D. TUBING
- MOLDED POLYPROPYLENE • DOUBLE LABYRINTH SEALS
- STAINLESS STEEL (18-8) BALLS • APPROVED FOR FOODSERVICE USE
- MAY BE STEAM CLEANED
- OPERATES AT TEMPERATURES UP TO 150°F (66° C)

MODEL NO.	SHAFT SIZE
IR-0312RD	5/16" (8mm) DIA.
IR-0312HX	5/16" (8mm) HEX
IR-0375HX	7/16" (11mm) HEX

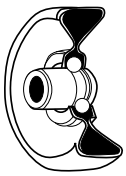
REF. C

PVC ROUND TUBING (GRAY)
FOR CONVEYOR ROLLERS

- 1.90" (48mm) O.D. FOR 1100 SERIES ROLLERS

MODEL NO. IR-1190
4 ft (1220mm) LENGTH

REF. D

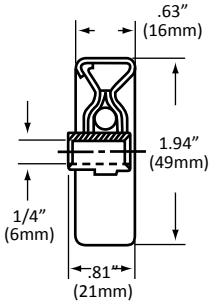


STAINLESS STEEL WHEEL

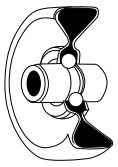
MODEL NO. IR-1061

ZINC PLATED STEEL with
OFFSET BUSHING

MODEL NO. IR-2112



REF. E

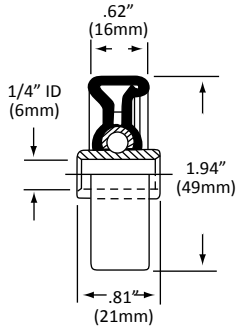


STAINLESS STEEL and STEEL WHEELS

- 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



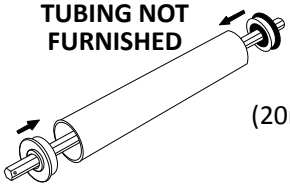
H

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. (5mm, 6mm, 8mm) **AND** **5/16" OR 7/16" HEX** (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.

CUSTOM CONVEYOR ROLLER ORDER FORM

INDICATE ROLLER SPECIFICATIONS BELOW.
NOTE: REFER TO THE MATRIX FOR AVAILABLE TUBING/SHAFT COMBINATIONS.

STANDARD LEAD TIME – 4 WEEKS ARO

CUSTOM ROLLERS ARE NOT RETURNABLE.

QUANTITY: _____

TUBE DIAMTER (in):

- 0.62 ____
- .075 ____
- 0.78 ____
- 1.12 ____
- 1.18 ____
- 1.90 ____

TUBE MATERIAL:

- STAINLESS STEEL ____
- GRAY PVC ____
- ANODIZED ALUMINUM ____
- MILL FINISH ALUMINUM ____
- GALVANIZED STEEL ____

SHAFT TYPE:

- SPRING LOADED ____
- THREADED ____
- END DRILLED AND TAPPED ____

SHAFT THREAD SIZE:

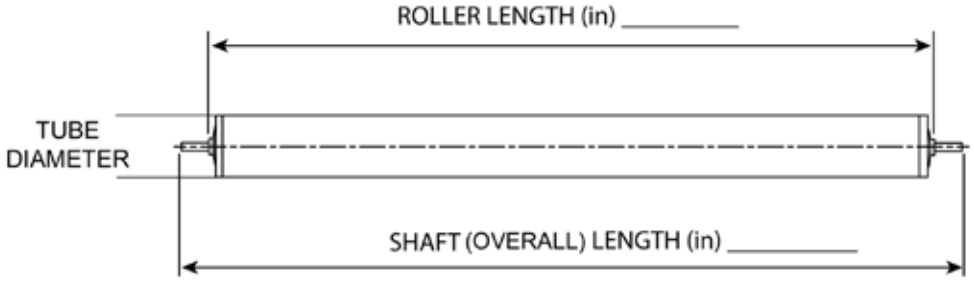
- 10-32 ____
- 1/4-20 ____
- 5/16-18 ____

SHAFT MATERIAL:

- CARBON STEEL ____
- STAINLESS STEEL ____

SHAFT SIZE:

- .192 DIA. ____
- .250 DIA. ____
- .312 DIA. ____
- .312 HEX ____
- .437 HEX ____



Tube Diameter	Tube Material	Wall Thickness	0.192" round C/S or S/S spring loaded	0.192" round C/S or S/S threaded 10-32	¼" round C/S or S/S or aluminum spring loaded	¼" round C/S or S/S threaded ¼ - 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 or S/S end drilled and tapped ¼ - 20 x 5/8 deep
0.62"	Polished S/S	.035"	•	•								
0.75"	Polished S/C	.035"			•	•						
	Anodized Aluminum	.035"			•	•						
0.78"	Gray PVC	.060"			•	•						
1.12"	Anodized Aluminum	.050"	•	•	•	•	•	•	•			
1.18"	Gray PVC	.070"	•	•	•	•	•	•	•			
1.9"	Mill Finish Aluminum	.065"					•	•	•	•	•	•
	Galvanized Carbon Steel	.065"					•	•	•	•	•	•
	Polished S/S	.065"					•	•	•	•	•	•
	Gray PVC	.11"					•	•	•	•	•	•

COMPANY NAME: _____

CONTACT: _____

PHONE: _____

EMAIL: _____

STREET: _____

CITY/STATE/ZIP: _____

P.O. #: _____

ORD-CHG-CONROLL Rev.11/2015

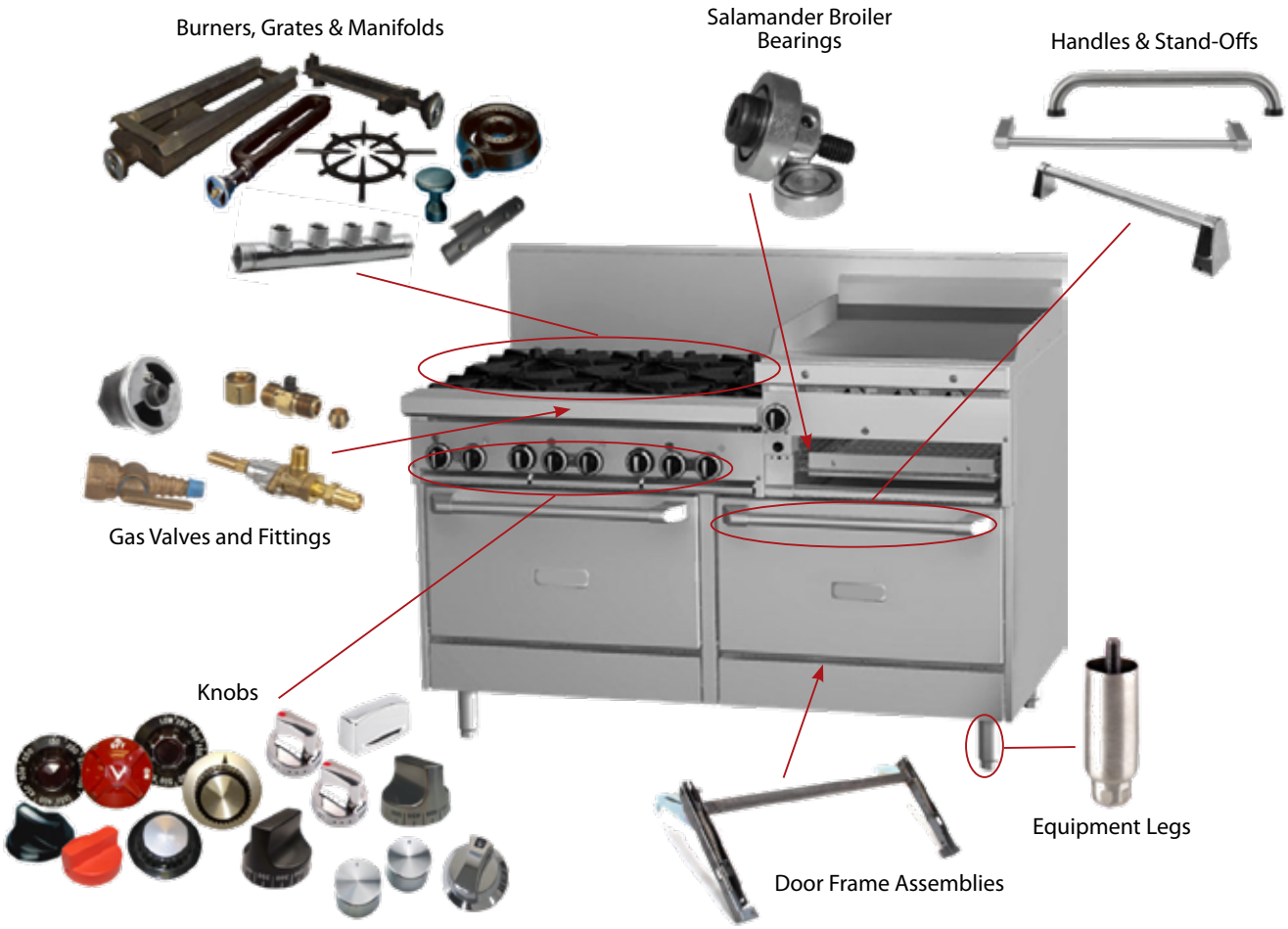
COMPONENT HARDWARE

1890 Swarthmore Avenue • PO Box 2020 • Lakewood, NJ 08701
Tel 800-526-3694 • 732-363-4700 • Fax 732-364-8110
www.componenthardware.com

COMPONENT HARDWARE

US 800-526-3694 • CANADA 800-513-3078

HOT SIDE

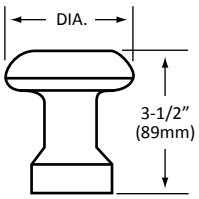


GAS & RING BURNERS	I219
GAS BURNER COMPONENTS	I220
HOT FOOD WELLS	I221
OVEN LATCHES & HINGES	I221
FRYER SPLASH GUARD	I221

I

CAST IRON GAS BURNERS

MUSHROOM BURNERS WITH INTEGRAL AIR MIXING CHAMBER



REF.	MODEL NO.	DIA.	BTU/HR	REC. FOR
A	**G22-4310**	3" (76mm)	5,000	1-3 gal (3.8-11 lit)
B	**G22-4320**	4" (102mm)	7,000	3-4 gal (11-15 lit)

NOTE: ORDER AIR MIXING PLATE SEPARATELY AS G44-4360

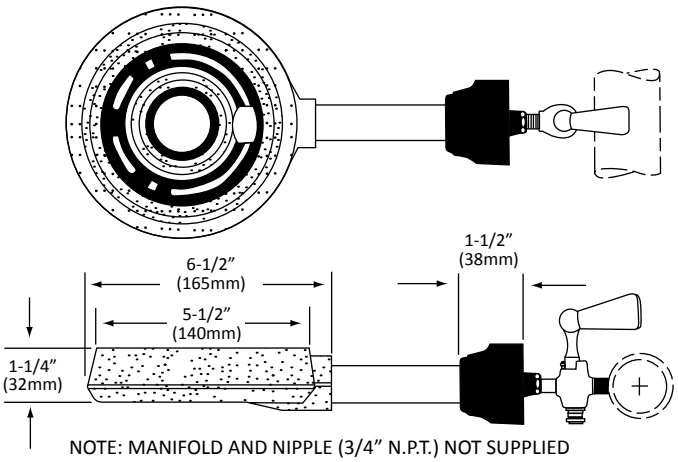
REF. C

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

MODEL NO. G12-6550
RATING: 22,000 BTU/HR



NOTE: MANIFOLD AND NIPPLE (3/4" N.P.T.) NOT SUPPLIED
6" RING BURNER ONLY **MODEL NO. G12-X001**

CAST IRON RING BURNER ASSEMBLIES

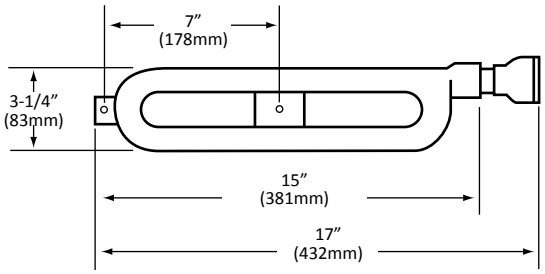
REF. D

LOOP BURNER

CAST IRON END INLET LOOP BURNER WITH AIR MIXING CHAMBER AND ORIFICE

• DURABLE BLACK CAST IRON CONSTRUCTION
• 17" L X 3-1/2" W OVERALL • 30,000 BTU/HR
• FURNISHED WITH AIR MIXING CHAMBER, ADJUSTABLE AIR MIXING COVER PLATE AND ORIFICES FOR BOTH LP AND NATURAL GAS

MODEL NO. G27-1250



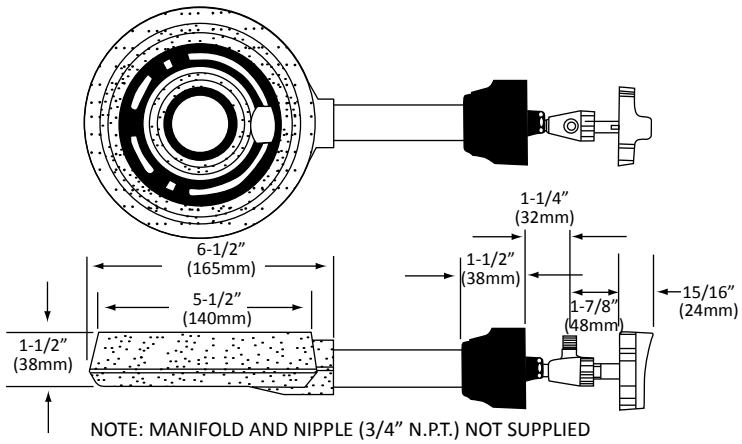
REF. E

RING BURNER

CAST IRON RING BURNER ASSEMBLY WITH VALVE, AIR MIXING CHAMBER AND BLACK CONTROL KNOB

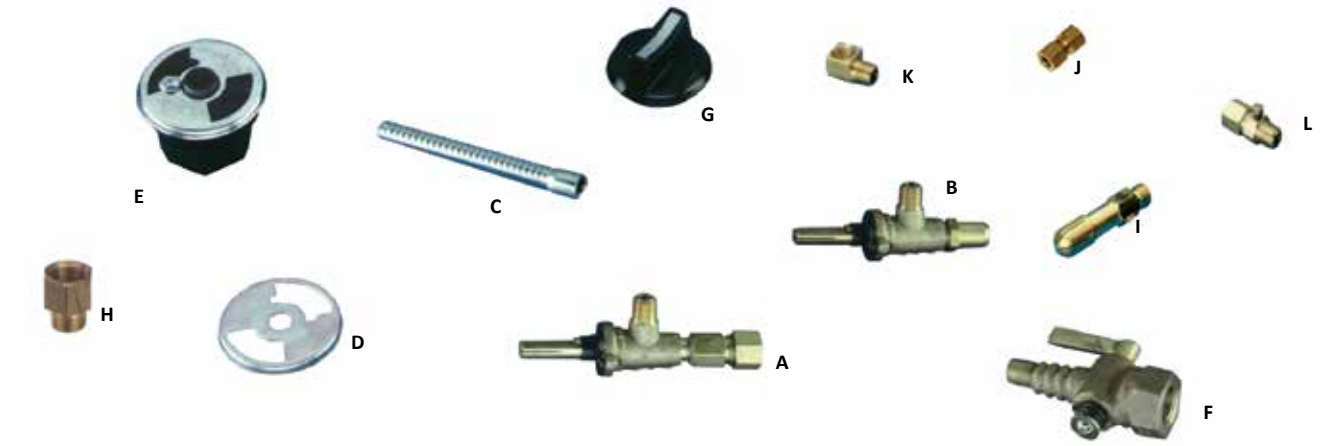
• 22,000 BTU PER HOUR • 6" BURNER DIAMETER
• INCLUDES AIR MIXING CHAMBER, SLIP FIT BURNER VALVE AND BLACK THERMOPLASTIC CONTROL KNOB

MODEL NO. G10-6550
RATING: 22,000 BTU/HR



NOTE: MANIFOLD AND NIPPLE (3/4" N.P.T.) NOT SUPPLIED

I



REF. A

BURNER VALVES

1/8" NPT MALE INLET BRASS COMPRESSION FIT BURNER VALVE

• 1/8" N.P.T. MALE INLET

• FOR 5/16" OD TUBING

MODEL NO. G40-6451

REF.B

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 ORAFICE

MODEL NO. G40-6452

REF. C

BURNER VALVE EXTENSION

ZINC PLATED STEEL BURNER VALVE EXTENSION

• PERMITS UP TO 3" EXTENSION OF THE BURNER VALVE POST

• FITS MOST STANDARD, SLOTTED, D-SHAPED BURNER VALVE HANDLES

MODEL NO. G48-0005

REF. D

AIR MIXING PLATE

ZINC PLATED STEEL AIR MIXING PLATE

• FOR USE WITH G46 SERIES AIR MIXING CHAMBERS

MODEL NO. G44-4360

REF. E

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. F

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. G

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. H

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. I

JET BURNER, BRASS

• FOR USE WITH LP GAS • #77 ORIFICE

• 7/16-24 THREAD • 2-1/16" LONG

MODEL NO. G28-6491

REF. J

COUPLING, BRASS

1/8" N.P.T. FEMALE INLET FOR 5/16" (8mm) O.D. TUBING

MODEL NO. G32-6470

REF. K

ELBOW, BRASS

1/8" N.P.T. FOR USE WITH G28-6491

MODEL NO. G30-6480

REF. L

PILOT VALVE, BRASS

ADJUSTABLE

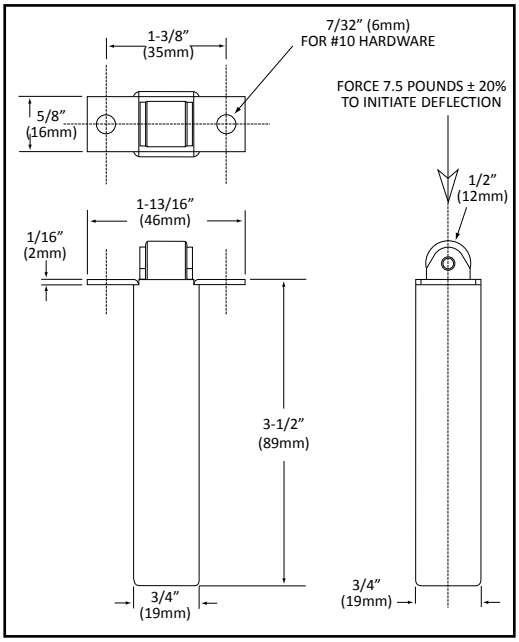
1/8" N.P.T. MALE INLET FOR 1/4" (6mm) O.D. TUBING

MODEL NO. G34-6460

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: 400ºF
- MAX TEMPERATURE: 600ºF

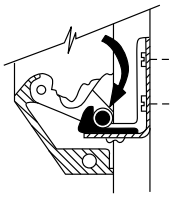


SINGLE ACTION

EDGEMOUNT OVEN LATCHES

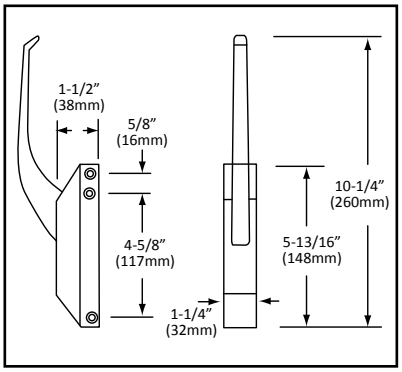
SINGLE ACTION DESIGN FOR OVEN USE. FURNISHED WITH HEAT RESISTANT BRONZE ROLLER AND INSULATED HANDLE.

MODEL NO. R35-3105-X



SINGLE ACTION

FEATURES POSITIVE PRESSURE SEAL.



SPECIFICATIONS:

CASE & HANDLE:	DIE CAST METAL
STRIKE PLATE:	PLATED STEEL
FINISH:	CHROME PLATE DRILLED AND COUNTERSUNK FOR NO. 10 SCREWS

NON-RISE / ADJUSTABLE

HIGH TEMP HINGE

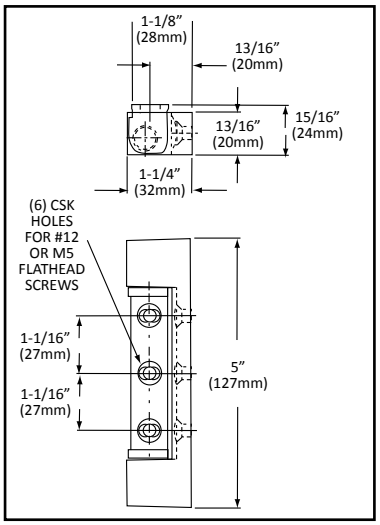
FOR HEATED CABINETS & COMMERCIAL OVENS

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 COUTERSUNK FOR NO.10 SCREWS

HOT FOOD WELLS

- ALL STAINLESS STEEL • STANDARD 12 X 20 SIZE
- AVAILABLE WITH OR WITHOUT DRAIN HOLE

A

B

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

FABRICATION SUPPLIES

POLISH & CLEANING PRODUCTS	J223	TAPES, BRAKE FILM & PADS	J233
COMPOUNDS & SEALERS	J224	PAINT, SPRAYS & FOGGERS	J234
WELD STUDS, FASTENERS & RIVITS	J225		
PORTABLE STUD WELDER	J226		
ABRASIVE DISCS & PADS	J227		
CARTRIDGE ROLLS & MOUNTED STONES	J228		
BRUSHES, TOOLS & MARKING PENS	J229		
TAPS, DRILLS & SAW BLADES	J230		
DRILL BIT DECIMAL EQUIVALENTS	J231		
TAP DRILL SIZES	J232		

A B C

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
Q85-2128	1 gal Refill	Each
Q85-212804	1 gal Refill	4/Box

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

CHG go green Wipers Contain 25% Recycled Fibers

• 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

HEAVY-WEIGHT QUARTERFOLD (60 count) MODEL NO. Q85-7000		LIGHT-WEIGHT QUARTERFOLD (90 count) MODEL NO. Q85-7500		SUPER STRENGTH INTERFOLD (126 count) MODEL NO. Q85-8000		LIGHT-WEIGHT INTERFOLD (135 COUNT) MODEL NO. Q85-8500	
Sheet Size:	12-1/2" x 13" (138mm x330mm)	Sheet Size:	12-1/2" x 13" (138mm x 330mm)	Sheet Size:	9-1/2" x 16-1/2" (241mm x419mm)	Sheet Size:	9-1/2" x 16-1/2" (241mm x419mm)
Sheet Per Case:	720	Sheet Per Case:	1080	Sheet Per Case:	1008	Sheet Per Case:	1080
Case Quantity:	12	Case Quantity:	12	Case Quantity:	8	Case Quantity:	8
Case Weight:	15lbs (7kg)	Case Weight:	15lbs (7kg)	Case Weight:	18lbs (8kg)	Case Weight:	20lbs (9kg)

J

REF. A

SILICONE SEALER

NSF COMPONENT

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. Q77-1240 THERMAL MASTIC COATING
1 GALLON (3.7 LITER) CONTAINER

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

10.3 Oz. (305ml.) CAULKING GUN

- BLUE PAINTED STEEL CONSTRUCTION INCLUDES METAL ROD FOR CLEARING HARDENED PLUGS OR PIERCING METAL FOIL SEAL ON TUBES
- FURNISHED WITH INTEGRAL BLADE TO CUT TIP OF TUBE
- QUICK RELEASE TAB ON HANDLE IMMEDIATELY RELEASES PRESSURE ON BASE OF TUBE TO STOP FLOW

MODEL NO. Q99-1000
THERMAL MASTIC CAULKER

REF. D

LATEX SOUND DEADENER

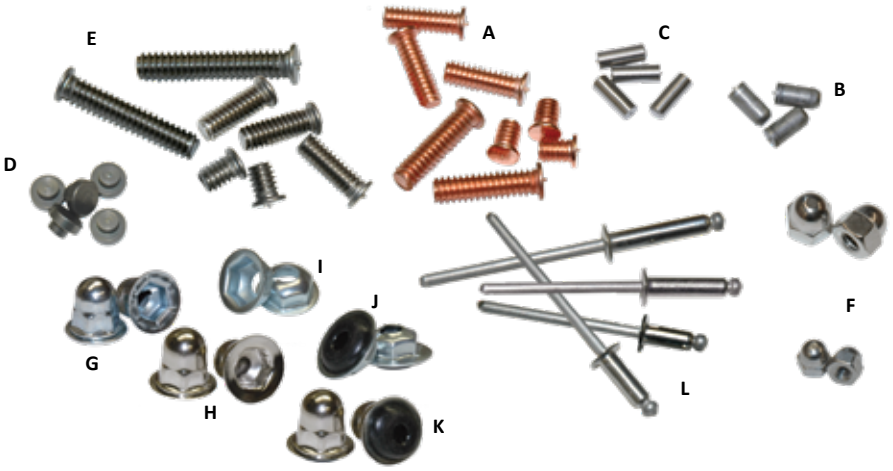
NSF COMPONENT

- 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)



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)
Q36-1018	10-24	1-1/2" (38mm)
Q36-1310	1/4-20	3/8" (9mm)
Q36-1312	1/4-20	1/2" (13mm)
Q36-1314	1/4-20	3/4" (19mm)
Q36-1316	1/4-20	1"(25mm)

NOTE: OTHER SIZES (IN QUANTITY)

THREADLESS WELD STUDS 18-8 STAINLESS STEEL

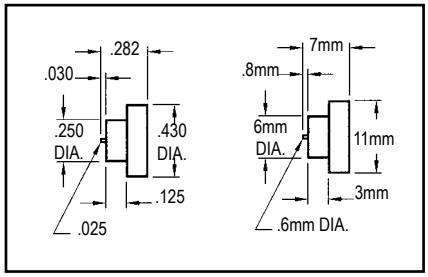
REF. B
MODEL NO. Q37-1412
1/4" DIA. X 1/2" LG.
(6mm DIA. X 13mm LG.)

REF. C
MODEL NO. Q37-3162
3/16" DIA. X 1/2" LG.
(4.7mm DIA. X 13mm LG.)

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)

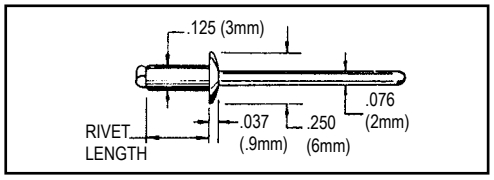
REF. L

STAINLESS STEEL BLIND RIVETS

1/8"(3mm) DIA. DOMED HEAD

MODEL NO.	GRIP RANGE	RIVET LENGTH
Q45-4200	.062 - .125 (1.5mm - 3mm)	.275 (7mm)
Q45-4300	.126 - .187 (3mm - 5mm)	.337 (8.5mm)
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



STUD WELDING COLLETS

• CASE HARDENED

REF	MODEL NO.	USED WITH:
A	***QTC-1024**	10-24 Weld Stud
A	***QTC-1420**	1/4-20 Weld Stud
A	***QTC-0716**	7/16 Weld Stud
B	**QIC-1024**	10-24 Weld Stud
B	**QIC-1420**	1/4-20 Weld Stud
C	**QOR-1024**	10-24 Weld Stud
C	**QOR-1420**	1/4-20 Weld Stud
C	**QOR-0716**	7/16 Keyhole Stud
D	**QBC-1024**	10-24 Threaded Base Stud Welding Collet
E	**QBC-0716**	10-24 Threaded Base Stud Welding Collet

*MODEL NO'S QTC-1024, QTC-1420, QTC-0716 AND QTC-0012 (REF. A) FIT PORTABLE STUD WELDERS NO. Q36-0001 AND Q36-0028.

PORTABLE STUD WELDERS

MODEL NO. Q36-0001

• PORTABLE, LIGHTWEIGHT, RUGGED AND EASY TO USE, PERFECT FOR HIGH FREQUENCY PRODUCTION OR FIELD USE

• CONVENIENT 110 VOLT FOR UNIVERSAL APPLICATION AND VERSATILITY

• FAST POWER RECOVERY, IMMEDIATE RECHARGE, CAPACITY TO 5/16"(8mm) DIAMETER STUDS

• WELD RATE 15 STUDS PER MINUTE

• TROUBLE FREE SOLID STATE DESIGN, SINGLE VOLTAGE CONTROL KNOB, SIMPLE SETTING, DIGITAL POWER DISPLAY

• SAFE, AUTOMATIC POWER DISCHARGE ON ANY POWER FAILURE STUD CONTACT REQUIRED TO FIRE CIRCUIT

INCLUDES

• SINGLE FIRE TRIGGER

• 16 FT.(4.8m) CORDSET AND EASY TO USE GROUND CLAMP

18" STUD GUN EXTENSION

MODEL NO. Q36-X100

• CONVENIENT FOR REMOTE AREAS WHERE A STANDARD GUN CANNOT REACH

MODEL NO. Q36-0028

• FAST POWER RECOVERY, IMMEDIATE RECHARGE, CAPACITY TO 1/4"(6mm) DIAMETER STUDS

• WELD RATE 12 STUDS PER MINUTE

• LIGHTWEIGHT AND VERSATILE- WEIGHS ONLY 28 LBS - IDEAL FOR WELDING AT INSTALLATION SITE OR WHERE ONE STUD WELDER MAY BE REQUIRED IN SEVERAL WORK AREAS

• SAFE AND TROUBLE FREE...INCORPORATES THE SAME SOLID STATE TECHNOLOGY AND SAFETY FEATURES AS OUR LARGER UNIT

REF. A

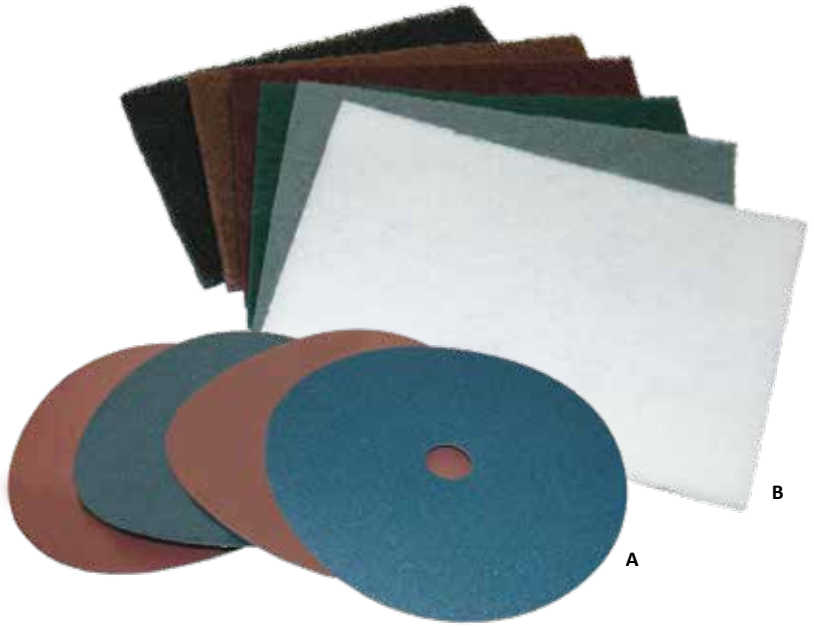
SAIT ZIRCONIA FIBRE SANDING DISCS

BLUE SAIT ZIRCONIA ALUMINA FIBRE SANDING DISC

• FOR HEAVY STOCK REMOVAL
• FOR STAINLESS STEEL OR FLAT GRINDING OF MILD STEEL
• COOL CUTTING AND LONG LASTING

MODEL NO.	GRIT	DIA.	ARBOR
AN-5080	80	5" (125mm)	7/8" (22mm)
AN-7080	80	7" (178mm)	7/8" (22mm)

PACKAGED 100 DISCS PER PACK



REF. A

4" SAIT ALUMINUM OXIDE ABRASIVE DISCS

RED SAIT RESIN FIBRE ALUMINUM OXIDE SANDING DISCS (3A)

• SPECIFICALLY DESIGNED for STAINLESS STEEL APPLICATIONS
• RUNS COOLER with HIGHER STOCK REMOVAL

MODEL NO.	GRIT	DIA.	ARBOR
AK-4036	36	4" (102mm)	7/8" (22mm)
AK-4060	60	4" (102mm)	7/8" (22mm)
AK-4080	80	4" (102mm)	7/8" (22mm)
AK-4120	120	4" (102mm)	7/8" (22mm)

PACKAGED 100 DISCS PER PACK

REF. A

5" SAIT ALUMINUM OXIDE ABRASIVE DISCS

RED SAIT RESIN FIBRE ALUMINUM OXIDE SANDING DISCS (3A)

• SPECIFICALLY DESIGNED FOR STAINLESS STEEL APPLICATIONS
• RUNS COOLER WITH HIGHER STOCK REMOVAL

MODEL NO.	GRIT	DIA.	ARBOR
AK-5036	36	5" (125mm)	7/8" (22mm)
AK-5060	60	5" (125mm)	7/8" (22mm)
AK-5080	80	5" (125mm)	7/8" (22mm)
AK-5100	100	5" (125mm)	7/8" (22mm)
AK-5120	120	5" (125mm)	7/8" (22mm)

5" (125mm) SPIRALCOOL BACKING PAD AVAILABLE. SPECIFY **AZ-95016**

PACKAGED 100 DISCS PER PACK

REF. A

7" SAIT ALUMINUM OXIDE ABRASIVE DISCS

RED SAIT RESIN FIBRE ALUMINUM OXIDE SANDING DISCS (3A)

• SPECIFICALLY DESIGNED FOR STAINLESS STEEL APPLICATIONS
• RUNS COOLER WITH HIGHER STOCK REMOVAL

MODEL NO.	GRIT	DIA.	ARBOR
AK-7080	80	7" (178mm)	7/8" (22mm)
AK-7100	100	7" (178mm)	7/8" (22mm)
AK-7120	120	7" (178mm)	7/8" (22mm)

7" (178mm) SPIRALCOOL BACKING PAD AVAILABLE. SPECIFY **AZ-95018**

PACKAGED 100 DISCS PER PACK

ABRASIVE DISC CUTTER

MODEL NO. ACD-8100
PROLONGS THE LIFE OF 7" (178mm) FIBRE DISCS BY CREATING A NEW SURFACE. ADJUSTABLE FOR DIAMETERS FROM 3" (76mm) TO 9" (229mm).

MODEL NO. ACD-8102
REPLACEMENT UPPER CUTTER BLADE

MODEL NO. ACD-8104
REPLACEMENT LOWER CUTTER BLADE

REF. B

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

REF. A

PREMIUM RESIN BONDED STRAIGHT CARTRIDGE ROLLS

- EXTREMELY HIGH QUALITY AND LONG LASTING
- MANUFACTURED OF ALUMINUM OXIDE RESIN BOND CLOTH
- SPECIFICALLY DESIGNED FOR STAINLESS STEEL APPLICATIONS
- PROVIDES FOR FAST DEBURRING AND FINISHING OF ALL STAINLESS STEEL
- SPECIALLY FORMED WITH A HIGH PERFORMANCE PHENOLIC RESIN WITHSTANDING EXTREME HEAT AND MOISTURE

MODEL NO.	DIA.	LENGTH	SHANK DIA.	GRIT	MAX RPM
AC-3011	5/8" (16mm)	2" (51mm)	1/4"	50	18000
AC-3019	5/8" (16mm)	2" (51mm)	1/4"	60	18000
AC-3014	1" (25mm)	2" (51mm)	1/4"	50	15000
AC-3018	3/8" (9mm)	1-1/2" (38mm)	1/8"	60	26000
AC-3015	1-1/2" (38mm)	2" (51mm)	1/4"	50	15000
AC-3022	1-1/2" (38mm)	2" (51mm)	1/4"	60	15000
AC-3718	1" (38mm)	2" (51mm)	1/4"	60	15000
AC-2226	1/4" (6mm)	Cartridge Roll Mandrel			

- PACKED 100 PER CARTON
- OTHER SIZES AVAILABLE UPON REQUEST

REF. B

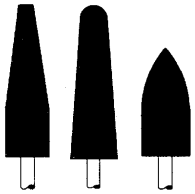
PREMIUM RESIN BONDED MOUNTED STONES

- MANUFACTURED OF ALUMINUM OXIDE GRAIN FOR FAST DEBURRING AND FINISHING OF STAINLESS STEEL
- PERFORMS WITHOUT VIBRATION OR RUN-OUT
- EASY TO IDENTIFY AND MAINTAIN INVENTORY
- SUPPLIED WITH COARSE 36 GRIT

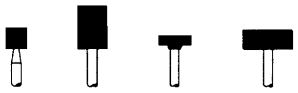
MODEL NO.	DIA.	LENGTH	SHANK DIA.	MAX RPM 0= 1/2"	TYPE
AQ-7401	3/4" (19mm)	2" (51mm)	1/4"	19,800	A1
AQ-7402	1" (25mm)	2" (51mm)	1/4"	16,100	A3
AQ-7405	7/8" (22mm)	2-1/2" (64mm)	1/4"	19,860	A11
AQ-7408	3/8" (9mm)	1-1/4" (31mm)	1/4"	45,750	W179
AQ-7411	3/4" (19mm)	2-3/4" (70mm)	1/4"	24,000	W208
AQ-7413	1" (25mm)	2" (51mm)	1/4"	18,750	W222
AQ-7409	1/2" (12mm)	2" (51mm)	1/4"	15,900	W189

PACKED 10 PER CARTON - OTHER SIZES AVAILABLE UPON REQUEST

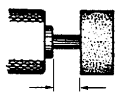
SILHOUETTES DO NOT REPRESENT ACTUAL DIMENSIONS



"W" SHAPES ARE FOR MEDIUM TO HEAVY STOCK REMOVAL



MANDREL OVERHANG "O" MUST ALWAYS BE THE LOWEST POSSIBLE. MAXIMUM SPEEDS GIVEN REFER TO OVERHANG "O" EQUAL TO 1/2".



REF. A

MARKING PENS AND PENCILS

SPECIFICALLY DESIGNED FOR LAYOUT
WORK ON STAINLESS STEEL

RED MARKING PENCILS
BRILLIANT COLOR FOR CODING AND LAYOUT
HIGHLY VISIBLE, ERASABLE, WON'T SMEAR OR FADE
MODEL NO. Q90-2126

MARKING PENS
EXTRA FINE POINT, 0.4MM LINE WIDTH ON NON-POROUS SURFACES. PERMANENT ON MOST SURFACES. WATER RESISTANT.
BLUE MODEL NO. Q91-3503 (DOZEN)
RED MODEL NO. Q91-3505 (DOZEN)

REF. B

STAINLESS STEEL WIRE BRUSHES

IDEAL FOR CLEANING WELDING TIPS AND CASTINGS REMOVES WELD BURNS, SCALE, PAINT AND RUST FROM ALL METAL SURFACES. CUSTOM HARDWOOD SHAPED HANDLES

MODEL NO.	HANDLE LENGTH	WIRE CONFIG.
Q59-4440	10-1/4" (260mm)	Rows: 4 x 16
Q59-1500	7-5/8" (190mm)	20 Tufts*

*LACED THRU HANDLE

REF. C

ACID BRUSHES

1-3/8" (9mm) WIDE
• HORSE HAIR BRISTLES • 3/8" WIDE
• 6" LONG • TIN HANDLE

MODEL NO. Q58-0001
PACKED 144 PER BOX

REF. D

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

REF. E
REPLACEMENT ROLLERS (PAIR)
MODEL NO. DBR-1000-RR

REF. F
REPLACEMENT ROLLER SCREW
MODEL NO. DBR-1000-RS

J

HACKSAW BLADES

REF. A

- 12”LG. x 1/2” WIDE (300mm x 13mm)
- EXCELLENT FOR STAINLESS STEEL
- PRECISION GROUND TEETH FOR ALL KINDS OF METAL SAWING
- BLADE BACK MADE OF STRONG, FLEXIBLE SPRING STEEL WITH A TOOTH LINE OF HIGH-ALLOYED SUPER HIGH-SPEED STEEL CONSTRUCTION GUARANTEES THE BLADE TO KEEP ITS SHARPNESS FOR A LONG TIME
- COMBINE EXTREME CUTTING PERFORMANCE AND WEAR RESISTANCE WITH A HIGH DEGREE OF FLEXIBILITY
- 12” L X 1/2” W X .025” H BI-METAL BLADE

MODEL NO.	TEETH PER INCH (25mm)	THICKNESS
FR-1218	18	.025 (.6mm)
FR-1224	24	.025 (.6mm)

PACKAGED 100 BLADES PER PACK

RECIPROCATING SAW BLADES

REF. B

- BI-METAL BLADE FOR ALL MATERIALS AND TYPES OF CUTS
- SPECIFICALLY DESIGNED FOR CUTTING METAL
- STANDARD SHAPE WITH IMPROVED PERFORMANCE AND PRECISION GROUND TEETH FOR FAST AND AGGRESSIVE STRAIGHT CUTS

MODEL NO.	SIZE	TEETH PER INCH (25mm)
FR-88162	4” (102mm)	18
FR-88163	4” (102mm)	24
FR-88178	6” (152mm)	18
FR-88179	6” (152mm)	24

PACKAGED 5 BLADES PER PACK

TAPS

REF. C

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

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	**1904-10-24**	10-24
1902-10-32	10-32	**1904-10-32**	10-32
1902-1/4-20	1/4-20	**1904-1/4-20**	1/4-20

NOTE: Other sizes available on application

DRILL BITS

REF. D

HEAVY DUTY DRILLS HAVE A 135º 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

TUNGSTEN ELECTRODES

REF. E

2% THORIATED, GROUND

MODEL NO. MK-1600-E	MODEL NO. MK-3320-E	MODEL NO. MK-1800-E
1/16” DIA. x 7” LG. (2mm x 180mm)	3/32” DIA. x 7” LG. (2mm x 180mm)	1/8” DIA. x 7” LG. (3mm x 180mm)

NOTE: EACH PACKAGE CONTAINS 10 ELECTRODES

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		

DRILL SIZE BASED ON APPROXIMATELY 72% - 77% FULL THREAD

TAP SIZE	PITCH FORM	TAP DRILL SIZE	ALT. TAP DRILL
UNIFIED TAPS			
0	80 (U)NF	3/64"	1.25
1	64 (U)NC	53	1.55
	72 (U)NF	53	1.55
2	56 (U)NC	50	1.85
	64 (U)NF	50	1.90
3	48 (U)NC	47	2.10
	56 (U)NF	45	2.15
4	40 (U)NC	43	2.35
	48 (U)NF	42	2.40
5	40 (U)NC	38	2.65
	44 (U)NF	37	2.70
6	32 (U)NC	36	2.85
	40 (U)NF	33	2.95
8	32 (U)NC	29	3.50
	36 (U)NF	29	3.50
10	24 (U)NC	25	3.90
	32 (U)NF	21	4.10
12	24 (U)NC	16	4.50
	28 (U)NF	14	4.70
1/4"	20 (U)NC	7	5.10
	28 (U)NF	3	5.50
5/16"	18 (U)NC	F	6.60
	24 (U)NF	I	6.90
3/8"	16 (U)NC	5/16"	8.00
	24 (U)NF	Q	8.50
7/16"	14 (U)NC	U	9.40
	20 (U)NF	25/64"	9.90
1/2"	13 (U)NC	27/64"	10.80
	20 (U)NF	29/64"	11.50
9/16"	12 (U)NC	31/64"	12.20
	18 (U)NF	33/64"	12.90
5/8"	11 (U)NC	17/32"	13.50
	18 (U)NF	37/64"	14.50
3/4"	10 (U)NC	21/32"	16.50
	16 (U)NF	11/16"	17.50
7/8"	9 (U)NC	49/64"	19.50
	14 (U)NF	13/16"	20.40
UNIFIED TAPS (CONT.)			
1"	8 (U)NC	7/8"	22.25
1"	12 (U)NF	59/64"	23.25
	14 (U)NS	15/16"	23.50
1-1/8"	7 (U)NC	63/64"	25.00
	12 (U)NF	1-3/64"	26.50
1-1/4"	7 (U)NC	1-7/64"	28.00
	12 (U)NF	1-11/64"	29.50
1-3/8"	6 (U)NC	1-7/32"	30.75
	12 (U)NF	1-19/64"	32.75
1-1/2"	6 (U)NC	1-11/32"	34.00
	12 (U)NF	1-27/64"	36.00
1-3/4"	5 (U)NC	1-9/16"	39.50
2"	4-1/2 (U)NC	1-25/32"	45.00
TAPER PIPE TAPS NPT			
1/16"	27 NPT	D	6.30
1/8"	27 NPT	R	8.70
1/4"	18 NPT	7/16"	11.10
3/8"	18 NPT	37/64"	14.50
1/2"	14 NPT	23/32"	18.00
3/4"	14 NPT	59/64"	23.25
1"	11-1/2 NPT	1-5/32"	29.00
1-1/4"	11-1/2 NPT	1-1/2"	38.00
1-1/2"	11-1/2 NPT	1-47/64"	44.00
2"	11-1/2 NPT	2-7/32"	56.00
2-1/2"	8 NPT	2-5/8"	67.00
3"	8 NPT	3-1/4"	82.50
STRAIGHT PIPE TAPS NPS			
1/8"	27 NPS	S	8.80
1/4"	18 NPS	29/64"	11.50
3/8"	18 NPS	19/32"	15.00
1/2"	14 NPS	47/64"	18.50
3/4"	14 NPS	15/16"	23.75
1"	11-1/2 NPS	1-3/16"	30.25
1-1/4"	11-1/2 NPS	1-33/64"	38.50
1-1/2"	11-1/2 NPS	1-3/4"	44.50
2"	11-1/2 NPS	2-7/32"	56.00

PRESSURE SENSITIVE INDUSTRIAL TAPE

MODEL NO.	DESCRIPTION	SIZE	CASE QTY
Q84-1075	Masking Tape	3/4" x 60 yds (19mm x 54m)	48 Case
Q84-1100	Masking Tape	1" x 60 yds (25mm X 54m)	36 Case
Q84-1200	Masking Tape	2" x 60 yds (51mm x 54m)	24 Case
Q84-3200	Duct Tape	2" x 60 yds (51mm x 54m)	24 Case
Q84-4250	Foil Tape Hi-Strength Aluminum	2-1/2" x 50 yds (60mm x 45m) 4.2 ml	16 Case
Q84-5075	Filament Tape Glass Renforced	3/4" x 60 yds (19mm x 54m)	48 Case

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)

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

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)

SPRAY ENAMEL

• FAST DRYING • LEAD FREE
• INDOOR AND OUTDOOR USE • PREVENTS RUST

MODEL NO. M92-1010 FLAT BLACK

MODEL NO. M92-1012 CHROME ALUMINUM

FURNISHED IN 16 oz (453g) AEROSOL CANS
NET WEIGHT: 12 oz (340g) PACKAGED 6 CANS PER CARTON

A

B

ROOM FOGGERS

SANIGUARD TOTAL RELEASE FOGGER ENABLES YOU TO SANITIZE ENTIRE ROOMS IN JUST MINUTES WITH THE SAME "KILL ON CONTACT" POWER OF THE CONVENTIONAL SANIGUARD SPRAYS. EACH 8 oz. FOGGER TREATS UP TO 625 sq. ft. IN ONE APPLICATION, ALMOST INSTANTLY GETTING RID OF DISEASE CAUSING MICROBES! THE 3 oz. SANIGUARD FOGGER IS PERFECT FOR DORM ROOMS, HOTELS, CRUISE SHIP CABINS, AIRPLANES AND MORE.

• SANIGUARD® TOTAL RELEASE SANITIZING ROOM FOGGER KILLS AIRBORNE PARTICLES IN A ROOM OR CONFINED AREA - WALLS, CEILING, FLOOR AND EVERY NOOK AND CRANNY - IN JUST 15 MINUTES

• SANIGUARD SURFACE SPRAY DRIES ON CONTACT - NO WAITING, NO WIPING, NO MESS

• SANIGUARD SANITIZING PRODUCTS ARE EPA REGISTERED, PATENTED, AND HAVE BEEN PROVEN TO KILL 99.99% OF INFLUENZA AND 39 OTHER VARIOUS GERMS, BACTERIA, FUNGUS, AND VIRUSES IN MERE SECONDS; INCLUDING: MRSA, RINGWORM, HIV, E-COLI, SALMONELLA, NOROVIRUS AND HERPES

• 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

COMPONENT HARDWARE®

EUROPE CATALOG

Your Global Partner for Innovative Solutions

Items represented in European Catalogue section are for European market and not in inventory in North America.
Contact your CHG representative for further details.

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SYMBOLS EXPLAINED

Diameter	Ø
Width	↔
Height	↕
Vertical Adjustment	
Horizontal Adjustment	
Weight	
Electrical	
Battery	

NOTE: All dimensions are in MM.

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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 time, money, and giving peace of mind
- **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 9,000 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

- The Europe Office and Warehouse is located in Breda, the Netherlands.
- Headquartered in Lakewood, NJ, USA with warehouses and sales offices located throughout the United States, Canada, and Asia
- 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.componenthardware.com

Breda, Netherlands

Fullerton, California

Dallas, Texas

Markham, Ontario

Lakewood, New Jersey

EU238

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.

EU239

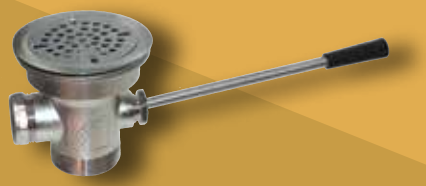
GLOBAL MANUFACTURING CAPABILITIES

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 and 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

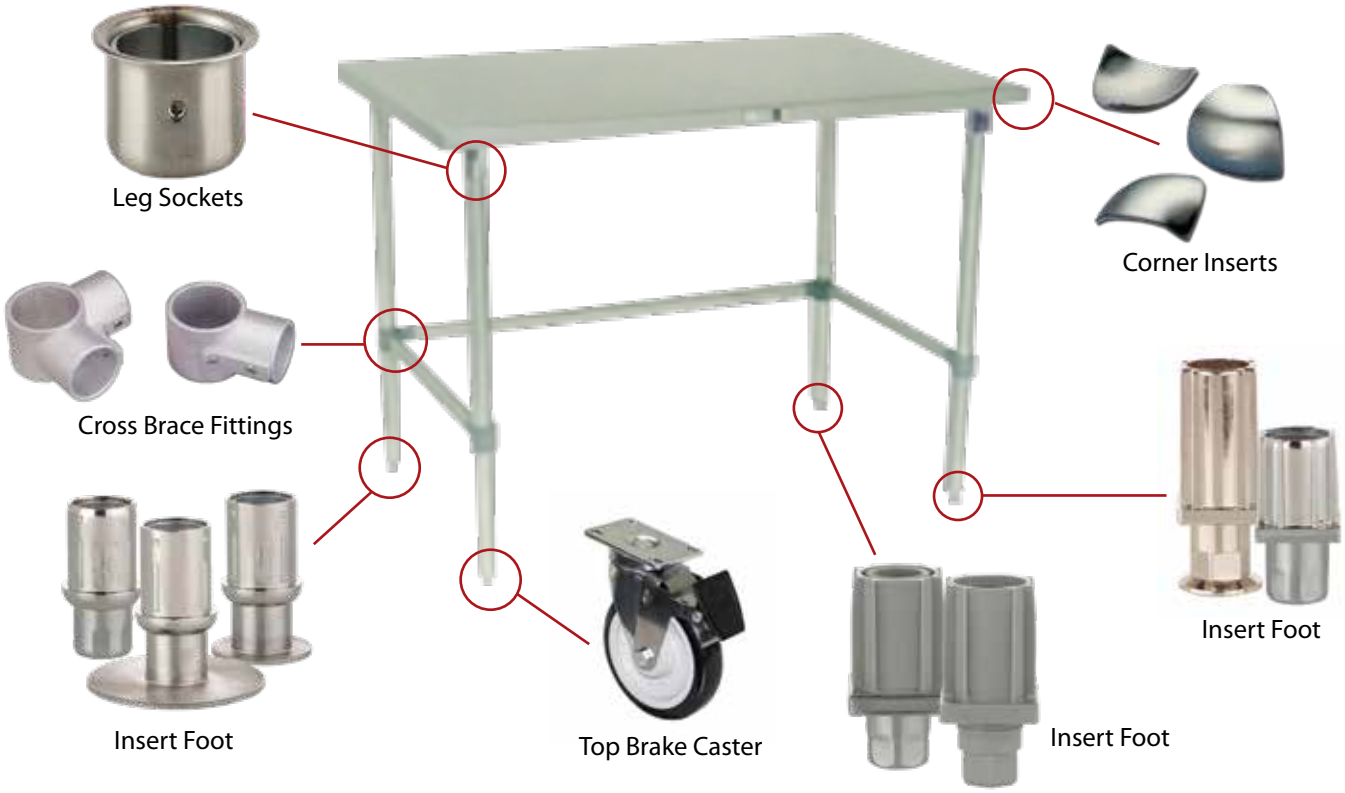
Also referred to as wire forming or fabrication, metal forming involves bending and stamping wires into fabricated forms to create a wide range of items. Common products include wire racks, hooks, specialty pins, springs, clips, and other customized products. Our engineers perform wire forming processes 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 plumping component manufacturing is tougher and harder than that of paint.

EU241

WORK TABLES



- ✓ INSERT FEET ARE AVAILABLE IN A WIDE VARIETY OF SIZES FOR SQUARE AND ROUND TUBES
- ✓ COME IN A GREAT VARIETY OF FINISHES, PLASTIC, ZAMAK, NICKEL PLATED AND STAINLESS STEEL
- ✓ A SUBSTANTIAL RANGE OF ADJUSTABLE INSERT LEGS
- ✓ NSF CERTIFIED MODELS AVAILABLE
- ✓ AVAILABLE FROM STOCK

- ✓ STELPOTEN VERKRIJGBAAR VOOR MEERDERE AFMETINGEN, VOOR RONDE EN VIERKANTE BUIZEN
- ✓ VERKRIJGBAAR IN VERSCHILLENDE MATERIALEN; PLASTIC, ZAMAK, VERCHROOMD EN RVS
- ✓ EEN UITGEBEIDE RANGE IN HOOGTE VERSTELBARE POOTJES
- ✓ NSF GECERTIFICEERDE MODELLEN VERKRIJGBAAR
- ✓ UIT VOORRAAD LEVERBAAR

- ✓ EINSCHLAGFÜSSE SIND ERHÄLTLICH IN VIELEN VERSCHIEDENEN GRÖSSEN, FÜR RUND- UND VIERKANT ROHRE
- ✓ VERFÜGBAR IN UNTERSCHIEDLICHEN MATERIALIEN WIE ZAMAK (ALUMINIUM), KUNSTSTOFF, EDELSTAHL UND VERNICKELT
- ✓ DER WESENTLICHE BEDARF AN EINSCHLAGFÜSSEN WIRD ABGEDECKT
- ✓ NSF ZERTIFIZIERTE MODELLE SIND ERHÄLTLICH
- ✓ LAGERWARE, DAHER KURZFRISTIG VERFÜGBAR

Items shown are for European market only, contact your CHG representative for further details

INP SERIES

INSERT FOOT, PLASTIC

EINSCHLAGFUSS, KUNSTSTOFF

VERINS POUR TUBES CARRÉS

STELPOOT, KUNSTSTOF

*OTHER COLORS AVAILABLE

ITEM	Ø	↔	↕	⤓	⤒	
INP 030 H	30	30	22	32		200
INP 035 H	35	35	32	36		200
INP 035 H-SC	35	35	32	36		200
INP 040 H	40	40	32	36		200
INP 040 H-SC	40	40	32	36		200
INP 070 H-B	70	70	153	54		450
INP 070 H-G	70	70	153	54		450
INP 424H-BLK	45	45	94	53		450

IN - H SERIES

INSERT FOOT, ZAMAK, NICKEL PLATED, TUBE THICKNESS 1.2 TO 1.5MM

EINSCHLAGFUSS, VERZINKT, ZAMAK, WANDSTÄRKE 1.2 TO 1.5MM

VERINS POUR TUBES CARRÉS, GALVANISÉS, CHROMÉS, POUR ÉPAISSEUR DE TUBE DE 1.2 À 1.5 MM

STELPOOT, VERZINKT, VERNIKKELD, WAND DIKTE 1.2 TO 1.5MM

ITEM	Ø	↔	↕	⤓	⤒	
IN 025	25	25	20	30		200
IN 025-NP	25	25	20	30		200
IN 030 H	30	30	30	30		300
IN 030 H-NP	30	30	30	30		300
IN 035 H	35	35	25	30		450
IN 035 H-NP	35	35	25	30		450
IN 040 H	40	40	35	30		450
IN 040 H-2 (2MM)	40	40	35	30		450

IN - F SERIES

INSERT FOOT WITH FLANGE , ZAMAK, NICKEL PLATED

EINSCHLAGFUSS MIT FLANSCH, VERZINKT, ZAMAK

VERINS POUR TUBES CARRÉS, GALVANISÉS

STELPOOT MET FLENS, VERZINKT, VERNIKKELD

ITEM	Ø	↔	↕	⤓	⤒	
IN 030 F	30	30	20	30		300
IN 030 F-NP	30	30	20	30		300
IN 035 F	35	35	20	30		450
IN 030 F-SP30	30	30	20	32		300
IN 030 F-SP50	30	30	20	50		300
IN 040 F	40	40	31	31		450
IN 035 F-NP	35	35	20	20		450
IN 040 F-NP	40	40	31	31		450

IN - HSS SERIES

INSERT FOOT, NICKEL PLATED, STAINLESS STEEL

EINSCHLAGFUSS, VERNICKELT, EDELSTAHL

VERINS POUR TUBES, GALVANISÉS, INOX

STELPOOT, VERNIKKELD, RVS

ITEM	Ø	↔	↕	⤓	⤒	
IN 035 H-SS	35	35	25	30		450
IN 040 H-SS	40	40	35	30		450
IN 040 H-SS-2	40	40	35	30		450

Items shown are for European market only, contact your CHG representative for further details

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COMPONENT HARDWARE®

WORK TABLES

IN & INR SERIES

INSERT FOOT, SQUARE OR ROUND, ZAMAK WITH OR WITHOUT FLANGE, NICKEL PLATED OR S/S

STELLFUSS, 4-ECKIG ODER RUND, ZAMAK, MIT ODER OHNE FLANGE, NICKEL ODER EDELSTAHL

VERINS CARRÉ OU ROND, ZAMAK NICKELÉ, EMBOUT INOX AVEC OU SANS FLANGE

STELPOOT, VIERKANT OF ROND, ZAMAK MET EN ZONDER FLENS, VERNIKKELD OF RVS

ITEM	SQUARE, 4-ECKIG, CARRÉ, VIERKANT					
	Ø	↔	↕	↓	↑	
IN 040 F-SS		40	40	30		450
IN 040 F-SS50		40	40	30		450
	ROUND, RUND, ROND, ROND					
INR 040 F-SS	40		40	30		450
INR 040 F-SS50	40		40	30		450
INR 040 H-NP	40		35	35		450
INR 040 H-SS	40		35	35		450

A59 SERIES

EQUIPMENT LEG, STAINLESS STEEL, M10

ANSCHRAUBFUSS, EDELSTAHL, M10

PIED RÉGLABLE, INOX, M10

STELPOOT, RVS, M10

*MOUNTING PLATE

NOTE: OTHER CONFIGURATIONS AVAILABLE ON REQUEST

ITEM	Ø	↕	↓	↑	
A59-1000*	59	120/150	30		700
A59-1100*	59	120/180	60		700
A59-1150	59	120/150	60		700
A59-1250	59	120/180	30		700
A59-0090	59	100/160	60		700
A59-1150-55	59	120/180	60		700
A59-1650	59	160/255	95		700

A65 SERIES

EQUIPMENT LEG, STAINLESS STEEL, M10

ANSCHRAUBFUSS, EDELSTAHL, M10

PIED RÉGLABLE, INOX, M10

STELPOOT, RVS, M10

*MOUNTING PLATE

NOTE: OTHER CONFIGURATIONS AVAILABLE ON REQUEST

ITEM	Ø	↕	↓	↑	
A65-2000	65	120/150	30		700
A65-2100	65	120/180	60		700
A65-2200	65	120/150	30		700
A65-2300	65	120/180	60		700
A65-2000-IT*	65	120/150	30		700
A65-2400*	65	155/205	50		700
A65-2600-IT*	65	140/240	100		700
A65-2700*	65	155/205	50		700

CUSTOM LEGS

CUSTOM LEGS AVAILABLE ON REQUEST IN ANY CONFIGURATION REQUIRED

MASSGESCHNEIDERT ANSCHRAUBFÜSSE AUF ANFRAGE IN JEDER ERFORDERLICHEN KONFIGURATION VERFÜGBAR

TAILLEUR SPÉCIFIQUE PIED RÉGLABLE DISPONIBLE SUR DEMANDE DANS TOUTE CONFIGURATION REQUISE

STELPOTEN IN IEDERE SPECIFIEKE CONFIGURATIE OP AANVRAAG VERKRIJGBAAR

Contact us with your request

Items shown are for European market only, contact your CHG representative for further details

INA 030, 040 SERIES

INSERT FOOT, ALUMINIUM

EINSCHLAGFUSS, ALUMINIUM

VERINS POUR TUBES CARRÉS ALUMINIUM

STELPOOT, ALUMINIUM

ITEM	SQUARE, 4-ECKIG, CARRÉ, VIERKANT					
	Ø	↔	↕	↓	↓	
INA 030 F	30	30	22	33		300
INA 030 H	30	30	17	33		300
INA 040 F	40	40	28,5	31,5		450
INA 040 H	40	40	31	31		450

A48, 50 SERIES

EQUIPMENT LEG, STAINLESS STEEL , M12

ANSCHRAUBFUSS, EDELSTAHL , M12

PIED RÉGLABLE, INOX , M12

STELPOOT, RVS, M12

*ALL A48, 50 MODELS CAN BE PLATED MOUNTED BY FITTING THE MP1/SS ON TOP.

ITEM	Ø	↔	↕	↓	↓	
A48-5032-M	41		100	44		900
A48-5048-M	41		150	44		900
A50-5032-M	41	STUD	100	44		900
A50-5048-M	41	STUD	150	44		900
MP1/SS*		102 x 80				

A84, 86 SERIES

EQUIPMENT LEG, STAINLESS STEEL , M12

ANSCHRAUBFUSS, EDELSTAHL , M12

PIED RÉGLABLE, INOX , M12

STELPOOT, RVS, M12

*ALL A84, 86 MODELS CAN BE PLATED MOUNTED BY FITTING THE MP1/SS ON TOP.

ITEM	Ø	↔	↕	↓	↓	
A84-5032-M	50		100	44		900
A84-5048-M	50		150	44		900
A86-5032-M	50	STUD	100	44		900
A86-5048-M	50	STUD	150	44		900
MP1/SS*		102 x 80				

CASTERS

CASTERS FOR YOUR APPLICATION, WIDE RANGE AVAILABLE BRAKED AND UNBRAKED, SWIVEL OR FIXED, PLATE OR (EXPANDING) STEM

ROLLEN FÜR IHRE ANWENDUNG, GROSSE AUSWAHL VERFÜGBAR. GEBREMST UND UNGEBREMST, DREHBAR ODER FESTSTEHEND, PLATTE ODER (SPREIZ-) VORBAU

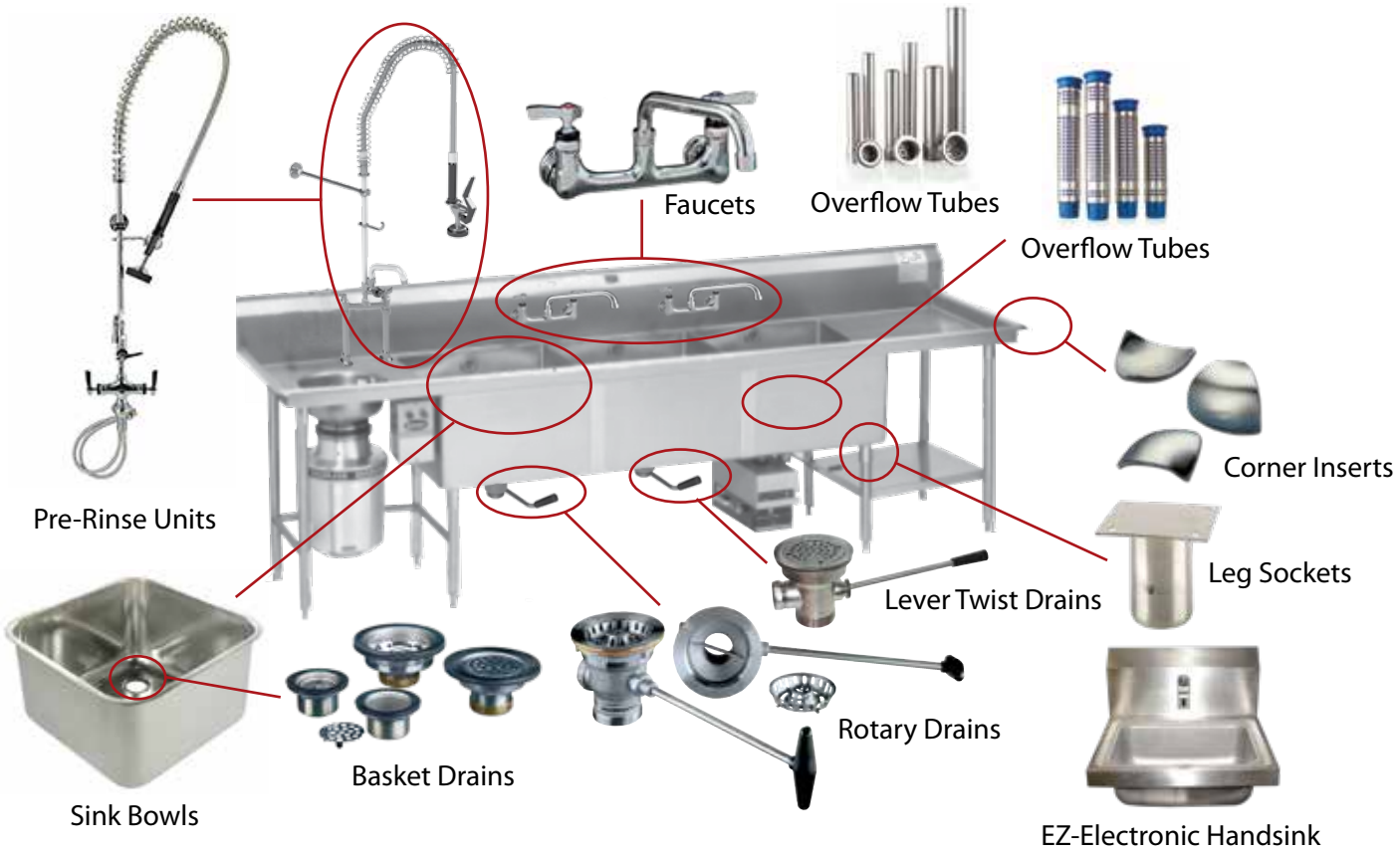
ROUES POUR VOTRE APPLICATION, LARGE GAMME DISPONIBLE. FREINÉS ET NON FREINÉS, PIVOTANTS OU FIXES, À TÔLE OU À TIGE (EXPANSIBLE)

WIELEN VOOR UW TOEPASSING, BREED ASSORTIMENT BESCHIKBAAR. GEREMD EN ONGEREMD, DRAAIBAAR OF VAST, PLAAT OF (UITZETTENDE) STEEL

SEE PAGE EU253

Items shown are for European market only, contact your CHG representative for further details

PLUMBING COMPONENTS



- ✓ ALL FAUCETS AND PRE-RINSES ARE CERTIFIED BY NSF
- ✓ FAUCETS AND PRE-RINSES ARE INDIVIDUALLY PRESSURE TESTED TO 400 PSI
- ✓ ALL FAUCETS AND PRE-RINSES ARE MANUFACTURED IN SOLID BRASS AND ARE MULTIPLE CHROME PLATED
- ✓ PRE-RINSES COME WITH A NYLON-REINFORCED SANTOPRENE® INNER HOSE FOR MAXIMUM DURABILITY
- ✓ IMMEDIATE SHIPMENT FROM STOCK IS ASSURED

- ✓ ALLE KRANEN EN VOORSPOELDOUCHES ZIJN GECERTIFICEERD VOLGENS NSF
- ✓ ELKE KRAAN EN VOORSPOELDOUCHE ONDERGAAT STANDAARD EEN DRUKTEST TOT 400 PSI
- ✓ ALL KRANEN EN VOORSPOELDOUCHES WORDEN GEFABRICEERD UIT MASSIEF BRONS EN MEERVOUDIG VERCHROOMD
- ✓ DE VOORSPOELDOUCHES HEBBEN EEN NYLON VERSTERKTE SANTOPRENE BINNENSLANG VOOR MAXIMALE LEVENSDUUR
- ✓ LEVERING UIT VOORRAAD GEGARANDEERD

- ✓ ALLE ARMATUREN UND GESCHIRRWASCHBRAUSEN SIND NSF ZERTIFIZIERT
- ✓ ALLE ARMATUREN UND GESCHIRRWASCHBRAUSEN SIND DRUCKGEPRÜFT BIS 400PSI
- ✓ ALLE ARMATUREN UND GESCHIRRWASCHBRAUSEN SIND AUS MASSIVEM MESSING GEFERTIGT UND MEHRFACH VERCHROMT
- ✓ GESCHIRRWASCHBRAUSEN SIND MIT NYLON VERSTÄRKTEM SCHLAUCH AUS SANTOPRENE AUSGESTATTET, DAS GARANTIERT MAXIMALE LEBENSDAUER
- ✓ SCHNELLE LIEFERUNG AUS LAGERVORRAT IST GEWÄHRLEISTET

Items shown are for European market only, contact your CHG representative for further details

KL50, 56, 60, 66 SERIES

ENCORE, DECK MOUNT PRE-RINSE UNIT, WITH AND WITHOUT ADD ON FAUCET, 10 MM WATER CONNECTIONS

ENCORE GESCHIRRSPÜLBRAUSE MIT UND OHNE SCHWENKAUSLAUF, 10 MM WASSERANSCHLUSS

ENCORE DOUCHETTES DE PRÉLAVAGE,MONO-TROU, MONTAGE SUR TABLE, SANS ET AVEC ROBINET INTERMÉDIAIRE, 10 MM CONNECTION

ENCORE VOORSPOELDOUCHE , ENKELGAT , TAFELMODEL, 10 MM WATER AANSLUITINGEN

ITEM	Ø	↔	↕			
KL50-1100-BS	38	380	1009			
KL50-1155-BS10	38	380	1009			
KL50-MINI-EU		242	716			
KL55-7008		203	219			
KL55-7010		254	230			
KL55-7012		305	242			

KL53 SERIES

ENCORE WALL MOUNT DOUBLE HOLE PRE-RINSE UNIT WITH AND WITHOUT ADD ON FAUCET

ENCORE GESCHIRRWASSCHBRAUSE DOPPELLOCH WANDMODEL, MIT UND OHNE SCHWENKAUSLAUF

ENCORE DOUCHETTES DE PRÉLAVAGE, BI-TROU, FIXATION MU-RALE, SANS ET AVEC ROBINET INTERMÉDIAIRE

ENCORE, VOORSPOELDOUCHE DUBBELGATS WANDMODEL, MET EN ZONDER TUSSENKRAAN

ITEM	Ø	↔	↕			
KL53-1000-BS		448	902		200	
KL53-1020-BS		468	902		150	
KL53-1000-AF3MK		448	1009			
KL55-7008		203	219			
KL55-7010		254	230			
KL55-7012		305	242			

TOP-LINE SERIES

TOP-LINE, DECK MOUNT PRE-RINSE UNIT, WITHOUT ADD ON FAUCET, 10 MM WATER CONNECTIONS

TOP-LINE GESCHIRRSPÜLBRAUSE OHNE SCHWENKAUSLAUF, 10 MM WASSERANSCHLUSS

TOP-LINE DOUCHETTES DE PRÉLAVAGE, MONO-TROU MONTAGE SUR TABLE, SANS ROBINET INTERMÉDIAIRE, 10 MM CONNECTION

TOP-LINE VOORSPOELDOUCHE, ENKELGAT, TAFELMODEL, 10 MM WATER AANSLUITINGEN

ITEM	Ø	↔	↕			
TLL50-1100-AF3		380	1076			
TLL50-1100-BR		380	1076			

KL51 SERIES

ENCORE, DOUBLE PANTRY FAUCET, WITH SWIVEL AND DOUBLE JOINTED SPOUTS

ENCOREDOPPELMISCHARMATUR MIT SCHWENKBAREM AUSLAUF

ENCORE ROBINET PROFESSIONEL, MONO-TROU POUR TABLE, ROTATION COMPLÈTE AVEC COL DE CYGNE

ENCORE PROFESSIONELE KRAAN, ENKELGAT, TAFELMODEL, ZWENKBARE UITLOOP, 10 MM WATER AANSLUITING

AVAILABLE WITH DIFFERENT SPOUT STYLES

ITEM	Ø	↔	↕			
KL51-9106	38	152	211			
KL51-9108	38	203	224			
KL51-9110	38	254	235			
KL51-9112	38	305	246			
KL51-9114	38	356	257			
KL51-9116	38	406	268			
KL51-9118	38	457	255			

Items shown are for European market only, contact your CHG representative for further details

PLUMBING COMPONENTS

K77 SERIES

ENCORE 8” SERVICE SINK FAUCET 63MM SPOUT, WITH OPTIONAL (SS) VACUUM BREAKER

ENCORE 8” SERVICE SPÜLE-WASSERHAHN 63MM AUSLAUF MIT OPTIONALEM (EDELSTAHL) VAKUUM-UNTERBRECHER

ENCORE 8” ROBINET DE SERVICE, 63MM COL DE CYGNE, AVEC (SS) CLAPET CASSE-VIDE EN OPTION

ENCORE 8” SERVICE KRAAN, 63MM UITLOOP MET OPTIONELE (RVS) VACUUM BREAKER

ITEM	Ø	↔	↕			
K77-8102-SD		130	98	VACUUM BREAKER SS		
K77-8102		130	98	VACUUM BREAKER		
K77-8002		130	98	NO VACUUM BREAKER		

SERVICE PARTS

ENCORE SERVICE PARTS, COMPRESSION VALVES, SPRAY ASSEMBLY, BUTTON VALVE, HOSE AND GRIP.

ENCORE-SERVICETEILE, KOMPRESSIONSVENTILE, VORSPÜLSPRAY, KNOPFVENTIL, SCHLAUCH UND GRIFF

ENCORE PIÈCES DE RECHANGE, VANNES DE COMPRESSION, ENSEMBLE DE PULVÉRISATION DE PRÉRINÇAGE, VANNE À BOUTON, TUYAU ET POIGNÉE

ENCORE SERVICE-ONDERDELEN, COMPRESSIEKLEPPEN, VOORSPOELSPRAY, KNOPVENTIEL, SLANG EN GREEP

ITEM	Ø	↔	↕			
KL50-Y006	COMPRESSION VALVE COLD					
KL50-Y007	COMPRESSION VALVE HOT					
KL50-Y002-16Z	PRE-RINSE SPRAY ASSEMBLY					
KL50-Y004-44Z	FLEXIBLE S/S HOSE 44” WITH GRIP					
KN50-X025-Z	GRIP					
KL50-Y027-Z	BUTTON VALVE					
KS11-12-X010		245	SPOUT			

QUIK-FIL SERIES

ENCORE QUIK-FIL WALL MOUNT / PILLAR FAUCET WITH SWING SPOUT

ENCORE QUIK-FIL WAND MONTAGE / SOCKEL DOPPELMISCHARMATUR MIT SCHWENKBAREM AUSLAUF

ENCORE QUIK-FIL ROBINET PROFESSIONEL, BI-TROU FIXATION MURALE / COLONNE, ROTATION COMPLÈTE AVEC COL DE CYGNE

ENCORE QUIK-FIL PROFESSIONELE KRAAN, WANDMONTAGE / PILAAR DUBBELGATS VERSTELBAAR, ZWENKBARE UITLOOP

ITEM	Ø	↔	↕			
KL34-3012-SE2		508	696			
KL34-8014		355	235			
KL34-Y006	QUIK-FIL VALVE COLD					
KL34-Y007	QUIK-FIL VALVE HOT					
KL34-Y014	QUIK-FIL SPOUT 14”					

KL56/60/66 SERIES

ENCORE DECK MOUNT ELEVATED BRIDGE DOUBLE HOLE PRE-RINSE UNIT WITH AND WITHOUT ADD ON FAUCET

ENCORE GESCHIRRWASSCHBRAUSE DOPPELLOCH DECK MONTIERT ERHÖHTE BRÜCKE, MIT UND OHNE SCHWENKAUSLAUF

ENCORE DOUCHETTES DE PRÉLAVAGE, BI-TROU, PONT SURÉLEVÉ, MONTÉ SUR LE PONT, AVEC ET SANS ROBINET INTERMÉDIAIRE

ENCORE, VOORSPOELDOUCHE DUBBELGATS BLAD MODEL,VERHOOGDE BRUG, MET EN ZONDER TUSSENKRAAN

AVAILABLE WITH ELEVATION SET

ITEM	Ø	↔	↕			
KL56-1000-BS		102	978			
KL60-1000-BS		203	978			
KL66-1000-BS		152	978			
KL55-7008		203	219			
KL55-7010		254	230			
KL55-7012		305	242			
KL60-Y200			200			
TLL60-Y200			200			

Items shown are for European market only, contact your CHG representative for further details

KL54 SERIES

ENCORE, WALL MOUNT FAUCET WITH SWING SPOUT

ENCORE WAND MONTAGE DOPPELMISCHARMATUR MIT SCHWENKBAREM AUSLAUF

ENCORE ROBINET PROFESSIONEL, BI-TROU FIXATION MURALE,

ROTATION COMPLÈTE AVEC COL DE CYGNE

ENCORE PROFESSIONELE KRAAN, DUBBELGATS VERSTELBAAR, ZWENKBARE UITLOOP

ITEM	ø	↔	↕			
KL54-8006		152	141			
KL54-8008		203	154			
KL54-8010		254	165			
KL54-8012		305	176			
KL54-8014		356	187			
KL54-8016		406	200			

KL61 SERIES

ENCORE 8" DOUBLE DECK MOUNT FAUCET WITH SWIVEL SPOUT

ENCORE 8" DOPPELMISCHARMATUR MIET SCHWENKBAREN AUSLAUF

ENCORE 8" ROBINET PROFESSIONEL, BI-TROU POUR TABLE, ROTATION COMPLÈTE AVEC COL DE CYGNE

ENCORE 8" PROFESSIONELE KRAAN, DUBBELGATS VERSTELBAAR, TAFELMODEL, ZWENKBARE RECHTE UITLOOP

* ALSO AVAILABLE IN 4,6 AND 7" BODY WIDTH.

ITEM	ø	↔	↕			
KL61-8010		254	108			
KL61-8012		305	120			
KL61-8014		356	131			
KL61-8016		406	143			
KL61-8018		457	160			

THE ULTIMATE TOUCH FREE HANDWASH SOLUTION

- INDUSTRY FIRST – 750,000 CYCLE BATTERY LIFE (375,000 HAND WASHES)
- ENERGY-EFFICIENT "LATCHING" (BI-STABLE) SOLENOID ONLY USES POWER TO OPEN OR CLOSE
- AUTO-RANGING FEATURE AUTOMATICALLY ADJUSTS SENSING RANGE
- ARMORED/VANDAL-RESISTANT DC INPUT POWER CABLE
- (2) 18" BRAIDED STAINLESS STEEL SUPPLY LINES INCLUDED
- DC MODELS POWERED WITH (4) 1.5V AA BATTERIES (INCLUDED)
- INFRARED SENSOR ACTIVATED
- SELF-ADAPTING SENSOR DISTANCE ADJUSTMENT
- 1 SECOND SHUT-OFF DELAY
- 20 SECOND ADJUSTABLE AUTOMATIC TIME-OUT FEATURE (COMPLIES WITH FDA FOOD CODE)
- ADJUSTABLE RANGE OF ACTION

ITEM
KE24-B031-CA0
KE24-B131-CA0
KE24-B031-CB0
KE24-B131-CB0
KE25-B031-CA0
KE25-B131-CA0
KE25-B031-CB0
KE25-B131-CB0

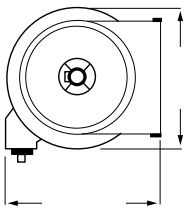
KHR SERIES

HOSE REELS, GRAY POWDER COATED (A) AND STAINLESS STEEL (B)

SCHLAUCHAUFROLLER, GRAU PULVERBESCHIVCHTET UND EDELSTAHL

DÉVIDOIR MURAL, COUCHE DE PEINTURE EN POUDRE OU EN INOX

SLANGHASPELS, GECOAT (A) EN RVS (B)



10 METERS/15 METERS

ITEM	ø	↔	↕			
	OPEN HOSE REELS					
KHR-5635-O		368	349			
KHR-5635-OSS		368	349			
	CLOSED HOSE REELS					
KHR-5635-E		470	381			
KHR-5635-ESS		470	381			

Items shown are for European market only, contact your CHG representative for further details

+31 (0)76-596 8699

COMPONENT HARDWARE®

PLUMBING COMPONENTS

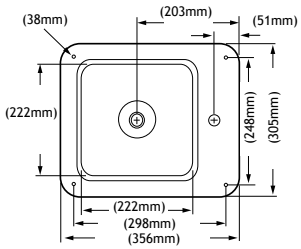
K27-1000

WATER STATION FILLER, CHROME PLATED, STAINLESS STEEL

WASSERSTATION GLASFÜLLER, VERCHROMT EDELSTAHL

STATION D'EAU AVEC ROBINET COLONNE, INOX

WATERSTATION GLASVULLER, VERCHOOMD RVS



ITEM	Ø	↔	↕	↓	⇆	
K27-1000		356	305	248		
K27-Y001	SINK WITH GRID					
K26-5000	GLASS FILLER					
K26-0010-Z	REPAIR KIT					

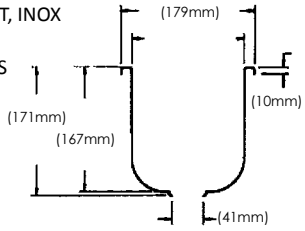
K30-1010

DIPPERWEL ASSEMBLY WITH FAUCET, STAINLESS STEEL

PORTIONIERERSPÜLE MIT AUSLAUFHAHN, EDELSTHAL

RINCE DOSEUR AVEC ROBINET, INOX

IJSLEPELBAK MET KRAAN, RVS



ITEM	Ø	↔	↕	↓	⇆	
K30-1010		180	166			
K30-1000	WITHOUT FAUCET					
K30-Y001	INNER SHELL					
K30-Y002	OUTER SHELL					
KL22-3100-Z	DIPPERWELL FAUCET					

D50 SERIES

TWIST HANDLE WASTE OUTLET WITH FLAT STRAINER

ABLAUFVENTIL SPUHLBECKEN MIT GEBOGENEM HEBEL MIT FLACHEM SIEB

EVACUATION D'EVIER AVEC LEVIER ROTATIVE

AFVOER SPOELBAK MET GEBOGEN DRAAIHENDEL MET VLAKKE ZEEF

ALL MODELS AVAILABLE WITH LEVER HANDLE

ALL MODELS WITH 76MM SINK OPENING AVAILABLE WITH BOX PATTERN DRAIN (D23/D63 SERIES)

ITEM	Ø	↔	OVERFLOW OUTLET	OVERFLOW ASSY
D50-4161 (1-1/2" NPS)	76	101		
D50-7100 (1-1/2" NPS)	89	114		
D50-4151 (1-1/2" NPS)	76	101	YES	
D50-7110 (1-1/2" NPS)	89	114	YES	
D50-4591 (1-1/2" NPS)	76	101		YES
D50-7115 (1-1/2" NPS)	89	114		YES
D50-4160 (2" NPS)	76	101		
D50-7200 (2" NPS)	89	114		
D50-4150 (2" NPS)	76	101	YES	
D50-7210 (2" NPS)	89	114	YES	
D50-4590 (2" NPS)	76	101		YES
D50-7215 (2" NPS)	89	114		YES

D53 SERIES

TWIST HANDLE WASTE OUTLET WITH CRUMB CUP

ABLAUFVENTIL SPUHLBECKEN MIT GEBOGENEM HEBEL MIT TOPSIEB

EVACUATION D'EVIER AVEC LEVIER ROTATIVE

AFVOER SPOELBAK MET GEBOGEN DRAAIHENDEL MET ZEEF

ALL MODELS AVAILABLE WITH LEVER HANDLE

ITEM	Ø	↔	OVERFLOW OUTLET	OVERFLOW ASSY
D53-7100 (1-1/2" NPS)	89	114		
D53-7200 (2" NPS)	89	114		
D53-7110 (1-1/2" NPS)	89	114	YES	
D53-7210 (2" NPS)	89	114	YES	
D53-7115 (1-1/2" NPS)	89	114		YES
D53-7215 (2" NPS)	89	114		YES

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E13 & E18 SERIES

OVERFLOW TUBE, STAINLESS STEEL

STANDROHR, EDELSTAHL

TROP-PLEINS, INOX

STANDPIJP, RVS

ITEM	Ø	↔	↕			
E13-1240 (1-1/4")	31		240			
E18-1250 (1-1/4")	31	DRAIN				
E13-0242 (1-1/2")	38		254			
E13-0244 (1-1/2")	38		305			
E13-0245 (1-1/2")	38		125			
E13-0246 (1-1/2")	38		170			
E13-0247 (1-1/2")	38		200			
E13-0248 (1-1/2")	38		220			
E13-0250 (1-1/2")	38		270			
E18-1500/4 (1-1/2")	38	DRAIN				
E13-2130 (2")	50		130			
E13-2150 (2")	50		170			
E13-2200 (2")	50		200			
E13-2250 (2")	50		250			
E13-2300 (2")	50		300			
E13-2350 (2")	50		350			
E18-2000 (2")	50	DRAIN				

SS SERIES

OVERFLOW TUBE, STAINLESS STEEL

SIEBSTANDROHRE, EDELSTAHL

TROP-PLEINS, INOX

STANDPIJPEN, RVS

ITEM	Ø	↔	↕			
SS 08	38		155			
SS 10	38		205			
SS 12	38		255			
SS 14	38		305			
E18-1500/4 (1-1/2")	38	DRAIN				

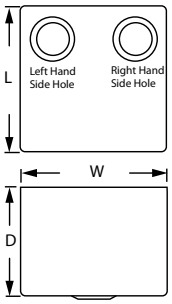
SBM SERIES

SINK BOWLS, STAINLESS STEEL

WASCHBECKEN, EDELSTAHL

ÉVIERS, INOX

SPOELBAKKEN, RVS



ITEM	Ø	↔	↕			
SBM-404020-TF		400	400	200		
SBM-404025-TF		400	400	250		
SBM-404030-TF		400	400	300		
SBM-504025-TFL		500	400	250		
SBM-504025-TFR		500	400	250		
SBM-504030-TFL		500	400	300		
SBM-504030-TFR		500	400	300		
SBM-505025-TF		500	500	250		
SBM-505030-TF		500	500	300		
SBM-604530-TFL		600	450	300		
SBM-604530-TFR		600	450	300		
SBM-605030-TFL		600	500	300		
SBM-605030-TFR		600	500	300		

Items shown are for European market only, contact your CHG representative for further details

CAFETERIA COMPONENTS

- ✓ A VERY EXTENSIVE RANGE OF COMPONENTS TO ALLOW OUR CUSTOMERS TO DO ONE-STOP SHOPPING
- ✓ HEAVY DUTY STAINLESS STEEL SHELF BRACKETS AVAILABLE IN VARIOUS SIZES AND MODELS
- ✓ GLASS CLAMPS FOR ROUND AND SQUARE TUBING FOR 6 AND 8MM GLASS
- ✓ LED FIXTURES UTILIZE LONG-LASTING, ENERGY EFFICIENT LED LAMPS

- ✓ EEN ZEER UITGEBREIDE RANGE COMPONENTEN DIE 'ONE-STOP SHOPPING' MOGELIJK MAAKT
- ✓ HEAVY DUTY RVS DRAGERS VERKRIJGBAAR IN MEERDERE MODELLEN EN AFMETINGEN
- ✓ GLASHOUDERS VOOR ZOWEL RONDE ALS VIERKANTE BUIZEN VOOR 6 EN 8 MM GLAS
- ✓ LED ARMATUREN MAKEN GEBRUIK VAN DUURZAME, ENERGIEZUINIGE LED LAMPEN

- ✓ EINE SEHR GROSSE AUSWAHL VON KOMPONENTEN, DIE ES UNSEREN KUNDEN MÖGLICH MACHT ALLES AUS EINER HAND ZU ERHALTEN (ONE-STOP SHOPPING)
- ✓ SCHWERLAST (KLAPP)-KONSOLEN AUS EDELSTAHL, ERHÄLTLICH IN VERSCHIEDENEN GRÖSSEN UND MODELLEN
- ✓ GLASHALTER AUS EDELSTAHL FÜR RUND UND VIERKANTROHR FÜR 6 UND 8MM GLAS, AUCH IN V4A LIEFERBAR
- ✓ LED LAMPEN FÜR LANGLEBIGEN UND ENERGIESPARENDEN EINSATZ

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CASTERS

CASTERS FOR YOUR APPLICATION, WIDE RANGE AVAILABLE BRAKED AND UNBRAKED, SWIVEL OR FIXED, PLATE OR (EXPANDING) STEM

ROLLEN FÜR IHRE ANWENDUNG, GROSSE AUSWAHL VERFÜGBAR. GEBREMST UND UNGEBREMST, DREHBAR ODER FESTSTEHEND, PLATTE ODER (SPREIZ-) VORBAU

ROUES POUR VOTRE APPLICATION, LARGE GAMME DISPONIBLE. FREINÉS ET NON FREINÉS, PIVOTANTS OU FIXES, À TÔLE OU À TIGE (EXPANSIBLE)

WIELEN VOOR UW TOEPASSING, BREED ASSORTIMENT BESCHIKBAAR. GEREMD EN ONGEREMD, DRAAIBAAR OF VAST, PLAAT OF (UITZETTENDE) STEEL

ITEM	Ø	↔	↕			
CSS30-4RPN	30 SQUARE		130			
CSS30-4RLN	30 SQUARE		130			

J19 SERIES

SHELF AND TRAY SLIDE BRACKET, FOLD DOWN, STAINLESS STEEL

KLAPPKONSOLE ODER FESTE KONSOLE FÜR TABLETTRUTSCHEIBE, EDELSTAHL

CONSOLE RABATTABLE OU FIXE POUR RAMPE A PLATEAU, INOX

VASTE OF NEERKLAPBARE DRAGERS VOOR CAFETERIA SYSTEMEN, RVS

ITEM	Ø	↔	↕			
J19-4355		321	86		102	
J19-4360		318	89		102	
J19-4967		219	90			
J17-4270		178	156	ZINC PLATED		
J17-4273		178	156	STAINLESS STEEL		
J19-4955-LT		309	111	NO TUBES		
J19-4960-LT		306	108	NO TUBES		
J19-4966		267	113	SHELF		
J19-4960		306	108			

JE31 SERIES

GLASS CLAMP FOR SQUARE AND ROUND TUBING, STAINLESS STEEL

GLASHALTER FÜR RUND UND 4-KANT ROHR, EDELSTAHL

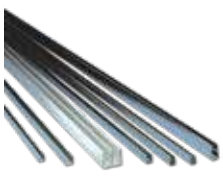
CRAMPON VITRE POUR TUBES RONDES ET CARRÉS, INOX

GLASHOUDER VOOR RONDE EN VIERKANTE BUIS, RVS

ALSO AVAILABLE IN SS 316

ITEM	Ø	↔	↕			
JE31-2900		25	33.5		6	
JE31-2902	30	25	33.5		6	
JE31-2905		29	35		6	
JE31-2906	30	29	35		6	
JE31-2907		29	35		8	
JE31-2908	30	29	35		8	

B70 SERIES

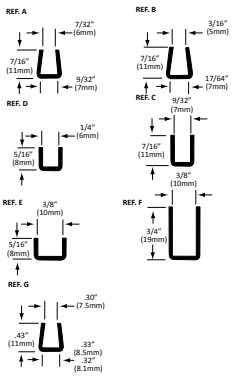


GLASS CAPPING, STAINLESS STEEL

GLASEINFASSPROFIL, EDELSTAHL

PROFIL POUR VITRE, INOX

GLASDEURPROFIEL, RVS



ITEM	Ø	↔	↕			
B70-1001 (A)		3650	11		7	
B70-1002 (B)		3650	11		7	
B70-1003 (C)		3650	11		7	
B70-1005 (D)		3650	8		6	
B70-1007 (E)		3650	8		10	
B70-1008 (F)		3650	19		10	
B70-1009 (G)		3650	11		9	

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CAFETERIA COMPONENTS

L82 SERIES

LED LIGHT, CE, IP 66 RATED, STAINLESS STEEL FACE

LED EINBAULEUCHTE, CE, IP 66, EDELSTAHL

LED ECLAIRAGE ENCASTRABLE POUR HOTTE, CE, IP 66, FACE INOX

LED INBOUW VERLICHTINGSARMATUUR, CE, IP 66, RVS AFWERKING

TEMPERATURE RATING OF 75ºC

ITEM	ø	↔	↕			
L82-1020-CE		610	150			
L82-1030-CE		914	150			
L82-1040-CE		1219	150			
L82-1030-LED-CE-N		914	150	NATURAL		
L82-1030-LED-CE-W		914	150	WARM		
L82-1040-LED-CE-N		1219	150	NATURAL		
L82-1040-LED-CE-W		1219	150	WARM		

CUP DISPENSERS

CUP DISPENSER, STAINLESS STEEL

BECHERSPENDER VERSTELLBAR, EDELSTAHL

DISTRIBUTEURS DE GOBELETS, INOX

BEKERVERDELERS, RVS

ITEM	ø	↔	↕			
C3200CH	135		610	HORIZONTAL		
C3200CV	135		610	VERTICAL		
C3400CH	150		610	HORIZONTAL		
C3400CV	150		610	VERTICAL		
C3450SS	135		610			
C3500CH	170		610	HORIZONTAL		

CONTEMPO SERIES

CORNER BUMPERS AND STRIPS, BLACK, GREY

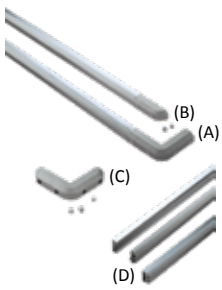
STOSSECKE UND STOSSSTREIFEN, SCHWARZ, GRAU

PARE CHOCS ET BANDE PARE CHOCS, NOIRE, GRIS

STOOTBUMPERS EN STRIPS, ZWART EN GRIJS

ITEM	ø	↔	↕			
C60-1010	127		19			
C60-1030		88	23			
C60-1040		104	23			
C60-1050		111	32			
C60-5010		7600	22			
C60-1040-B		104	23			
C60-1050-B		111	32			

C65 SERIES



CORNER BUMPERS AND STRIPS, BLACK, GREY

STOSSECKE UND STOSSSTREIFEN, SCHWARZ, GRAU

PARE CHOCS ET BANDE PARE CHOCS, NOIRE, GRIS

STOOTBUMPERS EN STRIPS, ZWART EN GRIJS

ITEM		ø	↔	↕			
C65-1010	**(C)**		97	25			
C65-2120	**(D)**		3050	22			
C65-3120	**(D)**		3050				
C65-5090	**(A)**		85	22			
C65-5000	**(B)**		76	22			

Items shown are for European market only, contact your CHG representative for further details

BRITE GARD

BRITE GARD STAINLESS STEEL CLEANER / PROTECTANT

BRITE GARD EDELSTAHLREINIGER / SCHUTZMITTEL

BRITE GARD INOX NETTOYANT / PROTECTANT

BRITE GARD RVS REINIGER / BESCHERMER

ITEM	Ø	↔	↕			
Q85-2004	118ML SPRAY					
Q85-2016	474ML SPRAY					
Q85-2128	3,8LTR CAN					

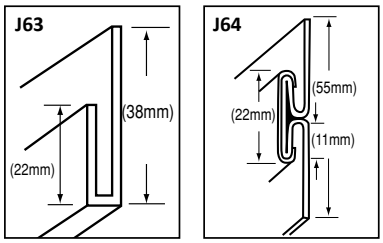
J63 & J64 SERIES

CAP STRIP AND DIVIDER BAR, STAINLESS STEEL

ABDECKUNG, EDELSTAHL

MOULURE, INOX

AFDEKLIJST, RVS



ITEM	Ø	↔	↕			
J63-1451-8.2		2500		CAP STRIP		
J64-1450-8.2		2500		DIVIDER BAR		

6350 & J92 SERIES

SCRAP RING SOLID RUBBER, BLACK, GREY DROP IN SCRAP CHUTE, STAINLESS STEEL

GUMMI ABFALLROHRE FLACH SCHWARZ, GRAU ABFALLROHRRING, EDELSTAHL

JOINTS VIDE ORDURES EN CAOUTCHOUC, NOIRE, GRIS JOINTS VIDE ORDURE EN, INOX A ENCASTRER

RUBBEREN AFVALKOKERRING, ZWART, GRIJS DROP IN AFVALKOKERRING, RVS

ITEM	Ø	↔	↕			
6350-B	200	235	50			
6350-G	200	235	50			
6351		238	SCRAP RING			
6360	207	268	WELDING RING			
6352-G	251	279	68			
6352-Z	251	279	68			
J92-1000	152		133			
J92-5000	146		133			

J70 SERIES

COVE CORNER, SQUARE AND BULL NOSE INSERTS, STAINLESS STEEL

ECK EINSATZSTÜCKEN, EDELSTAHL

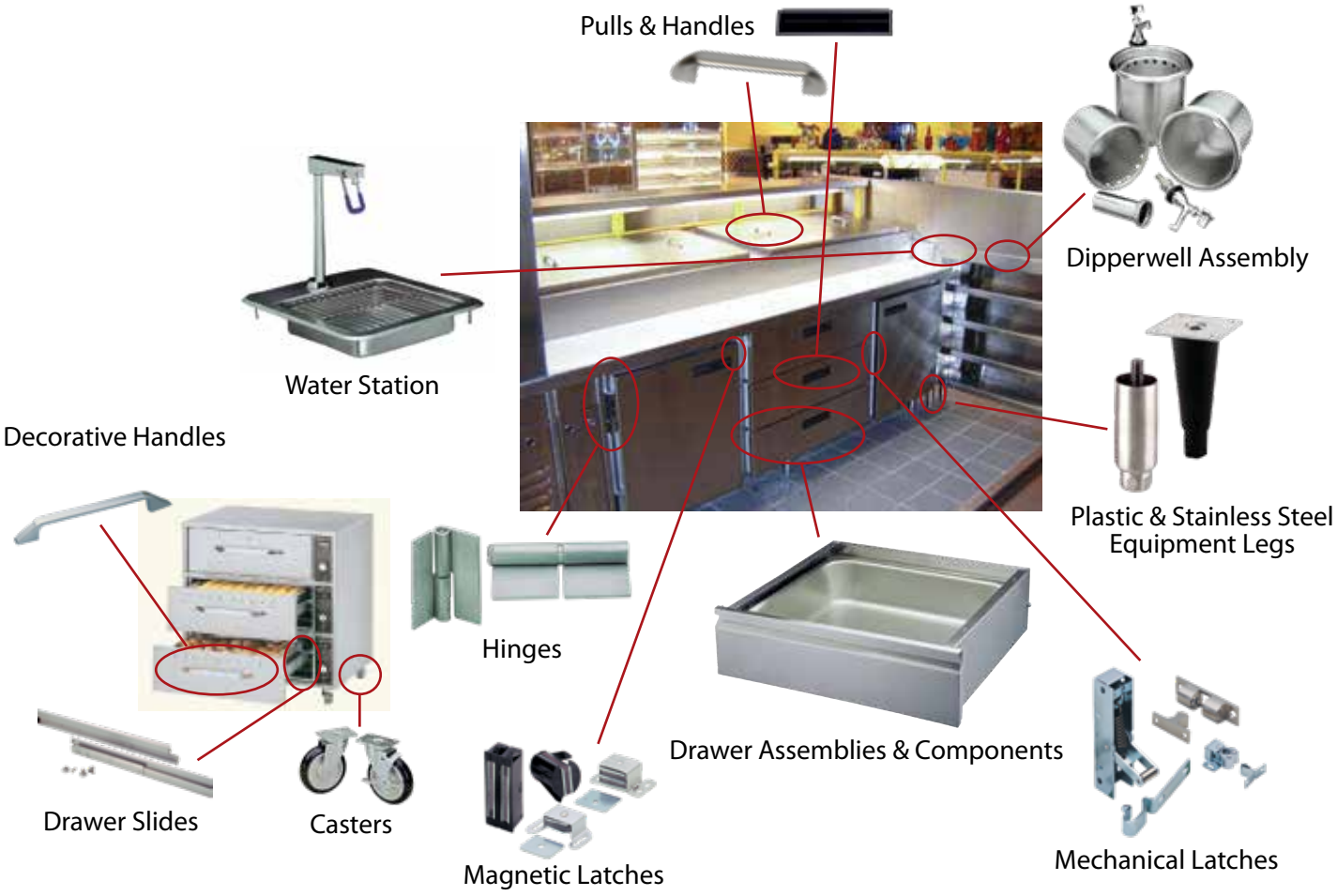
COIN A SOUDER EN ACIER, INOX

HOEK EN BUIS INLASSTUKKEN, RVS

ITEM	Ø	↔	↕			
J70-4691	25					
J70-4701	25					
J72-4711	38					
J72-4731	50					
J74-4721	38					
J74-4723	44					
J74-4725	41					

Items shown are for European market only, contact your CHG representative for further details

CABINET HARDWARE



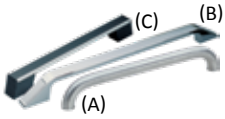
- ✓ A VERY EXTENSIVE RANGE OF COMPONENTS TO ALLOW OUR CUSTOMERS TO DO ONE-STOP SHOPPING
- ✓ DECORATIVE HANDLES AND KNOBS AND PULLS COME IN A WIDE VARIETY OF MODELS AND SIZES
- ✓ NSF LISTED FULL EXTENSION DRAWER SLIDES WITH 50 AND 100 KG LOAD CACAPACITY
- ✓ DRAWER ASSEMBLIES HAVE A HEAVY DUTY WELDED CONSTRUCTION

- ✓ EEN ZEER UITGEBREIDE RANGE COMPONENTEN DIE 'ONE-STOP SHOPPING' MOGELIJK MAAKT
- ✓ DECORATIEVE HENDELS, KNOPPEN EN GREPEN VERKRIJGBAAR IN EEN GROOT AANTAL MODELLEN EN AFMETINGEN
- ✓ NSG GECERTIFICEERDE VOLLEDIG UITSCHUIFBARE TELESCOOP LADENGELEIDERS MET 50 EN 100 KG DRAAGKRACHT
- ✓ SCHUIFLADES HEBBEN EEN 'HEAVY DUTY' GELASTE CONSTRUCTIE

- ✓ EINE SEHR GROSSE AUSWAHL VON KOMPONENTEN, DIE ES UNSEREN KUNDEN MÖGLICH MACHT ALLES AUS EINER HAND ZU BEKOMMEN (ONE-STOP SHOPPING)
- ✓ DEKORATIVE GRIFFE, KNÖPFE UND SCHLÖSSER IN EINER GROSSEN AUSWAHL VON MODELLEN UND GRÖSSEN
- ✓ NSF ZERTIFIZIERTE SCHUBLADENFÜHRUNGEN MIT 50 UND 100 KG TRAGLAST

Items shown are for European market only, contact your CHG representative for further details

P47, P48 & P49 SERIES



TUBULAR HANDLES STAINLESS STEEL, HANDLES CHOME PLATED

ROHRGRIFFE EDELSTAHL, GRIFFE VERCHROMT

POIGNÉES TUBULAIRES, POIGNÉES CHROMÉES

BUISHANDGREPEN RVS, HANDGREPEN VERCHROOMD

ITEM		Ø	↔	↕			
P47-0300	**(A)**		300	60			
P47-0450	**(A)**		450	60			
P48-1010	**(B)**		371	36			
P48-1012-M	**(B)**		325	36			
P49-1500	**(C)**		311	37			
P49-1500-6	**(C)**		195	37			

P49 SERIES

HANDLE SUPPORT & BRACKET

HANDGRIFFSTÜTZEN & BEFESTIGUNGEN

SUPPORTS POUR TUBE

HANDGREEPSTEUNEN EN BEVESTIGINGEN

ITEM	Ø	↔	↕			
P49-1010		25	63			
P49-2100		36	75			
P49-2200		36	75			

P40 & P50-53 SERIES

HANDLES & PULLS

AUFBAUHANDGRIFFE

POIGNÉES ET TIRANTS

OPBOUWHANDVATEN

ITEM	Ø	↔	↕	FINISH
P40-1010		155	44	CHROME PLATED
P50-1010-M		120	24	CHROME PLATED
P50-1011		120	24	BUFFED SATIN
P50-1011-M		120	24	BUFFED SATIN
P51-1010		100	19	CHROME PLATED
P52-1010		120	24	BLACK NYLON
P53-1012		143	41	BLACK NYLON

P44 & P45 SERIES

PULLS, ALUMINUM, SATIN CHROME FINISH

AUFBAUHANDGRIFFE ALU, VERCHROMT

TIRANTS POUR MONTAGE ALU, CHROMÉS

HANDVATEN ALUMINIUM, VERCHROOMD

ITEM	Ø	↔	↕			
P44-1010		117	25			
P45-3000		76	32			
P45-3500		89	32			
P45-4000		102	32			

Items shown are for European market only, contact your CHG representative for further details

CABINET HARDWARE

P46 SERIES

BAR PULL, STAINLESS STEEL

GRIFFE, EDELSTAHL

TIRANTS POUR MONTAGE, INOX

OPBOUWHANDVATEN, RVS

ITEM	Ø	↔	↕			
P46-1010		133	25			
P46-1010-M		133	25			
P46-1012		108	25			
P46-1012-M		108	25			

P60, P62 & P63 SERIES

RECESSED PULLS, STAINLESS STEEL

MUSCHELGRIFFE, EDELSTAHL

POIGNÉES À ENCASTRER, INOX

INBOUWHANDVATEN, RVS

ITEM	Ø	↔	↕			
P60-1010-M	122					
P62-1010-M		120	62			
P62-1014		120	62			
P63-1012-M		120	62			

P73 SERIES

SNAP-IN HANDLE, BLACK ABS

MUSCHELGRIFFE AUS KUNSTSTOFF SCHWARZ

POIGNÉES À ENCASTRER, ABS NOIR

INBOUWHANDVATEN, ABS ZWART

ITEM	Ø	↔	↕			
P73-0500		93	35			
P73-1000		138	37			
P73-2000		189	44			

P90 SERIES

PADDLE LATCH, STAINLESS STEEL

MUSCHEL VERSCHLÜSSE, EDELSTAHL

POIGNÉES À CLAQUET, INOX

GREEPSLUITINGEN, RVS

ITEM	Ø	↔	↕			
P90-1000		55	41			
P90-2000		84	68			
P90-2000-C		84	68			
P90-5000		124	98			
P90-5000-C		124	98			

Items shown are for European market only, contact your CHG representative for further details

M15 SERIES

CABINET HINGE AND LATCH, CHROME PLATED

SCHARNIERE UND VERSCHLÜSSE, VERCHROMT

VERROUX ET POIGNÉES, CHROMÉS

GRENDELSCHARNIEREN EN SLUITINGEN, VERCHROOMD

ITEM	Ø	↔	↕	OFFSET
M15-9210		46	27	3 MM AND 10 MM
M15-9211		59	59	3 MM AND 10 MM

R74 SERIES

LIFT-OFF HINGE, STAINLESS STEEL

SCHARNIERE, AUSHEBBAR, EDELSTAHL

PAUMELLES DÉGONDABLE, INOX

AFNEEMBARE SCHARNIEREN, RVS

ITEM	Ø	↔	↕			
R74-8000-RH		44	50			
R74-8001-LH		44	50			
R74-8100-RH		50	75			
R74-8101-LH		50	75			
R74-9000-RH		32	50			
R74-9001-LH		32	50			

M48 SERIES

CONTINUOUS HINGE WITH STAINLESS STEEL PIN, STAINLESS STEEL

KLAVIERBAND, EDELSTAHL

CHARNIÉRES PIANO A SOUDER, INOX

PIANOSCHARNIER MET ROESTVRIJSTALEN PIN, RVS

ITEM	Ø	↔	↕			
M48-0112	2,2	19	1830	0,9 GAUGE		
M48-0122	2,0	27	1830	1,0 GAUGE		
M48-0132	2,3	38	1830	0,9 GAUGE		
M48-0134	3,2	38	1830	1,6 GAUGE		
M48-0143	3,0	51	1830	1,3 GAUGE		
M48-0144	3,0	51	1830	1,5 GAUGE		
M48-0154	4,8	64	1830	1,6 GAUGE		

M12, M75, M76 SERIES

CABINET HINGE AND LATCH, STAINLESS STEEL

SCHARNIERE UND VERSCHLUSSE, EDELSTAHL

VERROUX ET POIGNÉES, INOX

GRENDELSCHARNIEREN EN SLUITINGEN, RVS

CORNER SHAPED HINGES, STAINLESS STEEL

ABNEHMBARES FLAGGESCHARNIER, EDELSTAHL

CHARNIÉRE DÉGONABLE SUR AIGUI OU AIGUI COIN, INOX

DEMONTEERBAAR SCHARNIER RECHT OF IN HOEKMODEL, RVS

ITEM	Ø	↔	↕			
M12-9293	1		35			
M12-9294	1.2		50			
M12-9295	1.5		70			
M75-1002		28	52			
M75-5003		35	76			

Items shown are for European market only, contact your CHG representative for further details

CABINET HARDWARE

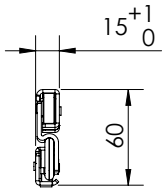
F81 SERIES

FULL EXTENSION DRAWER SLIDE, S/S

LADEGELEIDER VOLLEDIG UITTREKBAAR STAINLESS STEEL

VOLLAUSZUG EDELSTAHL

COULISSES TÉLESCOPIQUES INOX



ITEM	↔	MAX	↕	LOAD CAPACITY
F81-0016	400	845	60	50 KG
F81-0020	500	1045	60	50 KG
F81-0022	550	1145	60	50 KG

S26 & 52 Series

DRAWER SLIDE FULL EXTENSION, STAINLESS STEEL

SCHUBLADENFÜHRUNGEN VOLLAUSZUG, EDELSTAHL

GLISSIÈRES TÉLESCOPIQUES, INOX

TELESCOPISCHE LADENGELEIDERS, RVS

AVAILABLE WITH DELRIN BEARINGS AND SS BEARINGS

ITEM	Ø	↔	↕	LOAD CAPACITY
S26-0016		400	21.4	50 KG
S26-0018		450	21.4	50 KG
S26-0020		500	21.4	50 KG
S26-0022		550	21.4	50 KG
S26-0024		600	21.4	50 KG
S26-0026		650	21.4	50 KG
S52-0020		500	62	100 KG
S52-0022		550	62	100 KG
S52-0024		600	62	100 KG
S52-0026		650	62	100 KG

GASTRO SERIES

WIRE SHELVES, STAINLESS STEEL

GITTERROST GASTRONORM, EDELSTAHL

RAYONNAGE GASTRONORM, INOX

DRAADROOSTER, RVS

ALSO AVAILABLE IN OTHER TYPES

ITEM	Ø	↔	↕			
GASTRO 2/1		650	530			
GASTRO 1/1		530	325			
GASTRO 2/3		354	325			

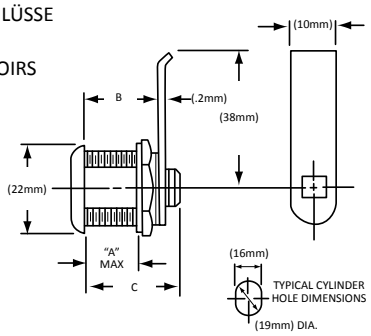
P30 SERIES

UTILITY LOCK

DREHRIEGEL VERSCHLÜSSE

SERRURES POUR TIROIRS

TUIMELSLOTEN



ITEM	Ø	↔	↕	KEYING
P30-4750	7	16	22	ALIKE
P30-4751	7	16	22	DIFFERENT
P30-4752	7	16	22	DIFFERENT & MASTER KEYED
P30-4760	17	22	28	ALIKE
P30-4761	17	22	28	DIFFERENT
P30-4762	17	22	28	DIFFERENT & MASTER KEYED
P30-4770	24	28	35	ALIKE
P30-4771	24	28	35	DIFFERENT
P30-4772	24	28	35	DIFFERENT & MASTER KEYED
P30-4780	28	35	41	ALIKE
P30-4781	28	35	41	DIFFERENT
P30-4782	28	35	41	DIFFERENT & MASTER KEYED

Items shown are for European market only, contact your CHG representative for further details

S90 SERIES

DRAWER ASSEMBLY, INCLUDING PAN, STAINLESS STEEL

SCHUBLADEN EINBAUELEMENT, MIT BEHÄLTER, EDELSTAHL

TIROIRS NEUTRES, AVEC RÉCIPIENTS, INOX

LADE INBOUWELEMENT, INCLUSIEF LEKBAK, RVS

DIFFERENT SIZES ON REQUEST

ITEM	Ø	↔	↕			
S90-0015-N		497	171			
S90-0015-C-N		497	171			
S90-0020-N		636	171			
S90-0020-C-N		636	171			

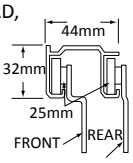
B57 & B58 SERIES

DOOR SHEAVES, ZINC PLATED, STAINLESS STEEL

SCHIEBETÜR ROLLEN, GALVANISIERT, EDELSTAHL

ROULETTE RÉGLABLE POUR PORTE GLISSANTE, GALVANISÉE, INOX

SCHUIFDEURWIELEN INSTELBAAR, GEGALVANISEERD, RVS



ITEM	Ø	↔	↕			
B58-5511	25	25.5	69		STEEL	FRONT
B58-5513	25	25.5	69		NYLON	FRONT
B58-5515-SS	22.5	30	65	8.5	NYLON	FRONT
B58-5521	25	25.5	69		STEEL	REAR
B58-5523	25	25.5	69		NYLON	REAR
B58-5525-SS	22.5	30	32.5	8.5	NYLON	REAR
B57-2000		2000	32			
B57-3000		3000	32			
B57-6000		6000	32			

BEARINGS

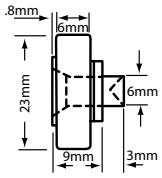
BALL BEARINGS, STAINLESS STEEL, STEEL, NYLON

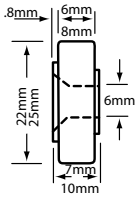
FLACHES KUGELLAGERS, EDELSTAHL, STAHL, NYLON

ROULEMENT A BILLES, INOX, ACIER

VLAKKE KOGELLAGERS, RVS, STAAL, NYLON

AVAILABLE WITH DIFFERENT SIZE SCREWS





ITEM	Ø	↔	↕			
B10-1210	23	6.3				
B20-1013	22	5.5				
B20-1019	25.4	7.9				

BEARINGS

BALL BEARINGS, STAINLESS STEEL, STEEL, NYLON

FLACHES KUGELLAGERS, EDELSTAHL, STAHL, NYLON

ROULEMENT A BILLES, INOX, ACIER

VLAKKE KOGELLAGERS, RVS, STAAL, NYLON

ITEM	Ø	↔	↕			
B20-1028	33.3	7.9				
B20-1032	25.4	5.5				
B20-1219	33.3	7.9				
B20-1230	23	6.3				
B20-1819	25.4	5.5				
B23-1013	33,3	7,9				
B24-1013	30	7,9				

Items shown are for European market only, contact your CHG representative for further details

OEM

- ✓ EQUIPMENT LEGS AVAILABLE IN VARIOUS SIZES WITH MOUNTING PLATE OR PROTRUDING STUD
- ✓ WIDE RANGE OF LATCHES AND HINGES FOR REFRIGERATION APPLICATIONS
- ✓ CE CERTIFIED SELF REGULATING CONDENSATE EVAPORATORS
- ✓ CONCEALED SELF CLOSING CARTRIDGE, HINGES ENSURE SILENT & SMOOTH OPERATION

- ✓ RVS STELPOTEN VERKRIJGBAAR IN VERSCHILLENDE AFMETINGEN MET SCHROEFDRAAD OF MONTAGEPLAAT
- ✓ EEN UITGEBREID ASSORTIMENT SCHARNIEREN EN SLUITINGEN VOOR KOELKASTEN EN INLOOP-KOELINGEN
- ✓ CE GECERTIFICEERDE ZELFREGULERENDE VERDAMPINGSBAKJES
- ✓ ZELFSLUITENDE PIVOTSCHARNIEREN VERZEKEREN EEN GERUISLOZE EN SOEPELE WERKING

- ✓ ANSCHRAUBFÜSSE IN VERSCHIEDENEN GRÖSSEN ERHÄLTLICH. MIT ANSCHRAUBPLATTE ODER METRISCHEM GEWINDE
- ✓ GROSSE AUSWAHL AN SCHARNIEREN UND VERSCHLÜSSEN FÜR DIE KÄLTE- UND KÜHLTECHNIK
- ✓ CE GEPRÜFTE SELBST REGULIERENDE KONDENSWASSERVERDUNSTER
- ✓ SELBSTSCHLIESSENDE SCHARNIERE GARANTIEREN RUHIGEN UND SANFTEN BETRIEB

Items shown are for European market only, contact your CHG representative for further details

A59 SERIES

EQUIPMENT LEG, STAINLESS STEEL, M10

ANSCHRAUBFUSS, EDELSTAHL, M10

PIED RÉGLABLE, INOX, M10

STELPOOT, RVS, M10

*MOUNTING PLATE

ITEM	Ø	↔	↕	↓	↓	
A59-1000*	59	120/150		30		700
A59-1100*	59	120/180		60		700
A59-1150	59	120/150		60		700
A59-1250	59	120/180		30		700
A59-0090	59	100/160		60		700
A59-1150-SS	59	120/180		60		700
A59-1650	59	160/255		95		700

A65 SERIES

EQUIPMENT LEG, STAINLESS STEEL, M10

ANSCHRAUBFUSS, EDELSTAHL, M10

PIED RÉGLABLE, INOX, M10

STELPOOT, RVS, M10

*MOUNTING PLATE

ITEM	Ø	↔	↕	↓	↓	
A65-2000	65	120/150		30		700
A65-2100	65	120/180		60		700
A65-2200	65	120/150		30		700
A65-2300	65	120/180		60		700
A65-2000-IT*	65	120/150		30		700
A65-2400*	65	155/205		50		700
A65-2600-IT*	65	140/240		100		700
A65-2700*	65	155/205		50		700

A48, 50, 84 & 86 SERIES

EQUIPMENT LEG, STAINLESS STEEL, M12

ANSCHRAUBFUSS, EDELSTAHL, M12

PIED RÉGLABLE, INOX, M12

STELPOOT, RVS, M12

*ALL A48, 50, 84 AND 86 MODELS CAN BE PLATED MOUNTED BY FITTING THE MP1/SS ON TOP.

ITEM	Ø	↔	↕	↓	↓	
A48-5032-M	41		100	44		900
A48-5048-M	41		150	44		900
A50-5032-M	41		100	44		900
A50-5048-M	41		150	44		900
A84-5032-M	50		100	44		900
A84-5048-M	50		150	44		900
A86-5032-M	50	STUD	100	44		900
A86-5048-M	50	STUD	150	44		900
MP1/SS*			102 x 80			

Q77 SERIES

THERMAL MASTIC COATING

WÄRMELEITPASTE

PATE CONDUCTRICE

WARMTEGELEIDENDE PASTA

ITEM	
Q77-1000	305 ML
Q77-1240	3,68 L
Q77-1250	19 L
Q77-1260	200 L

Items shown are for European market only, contact your CHG representative for further details

Q75 & Q76 SERIES

SOUND DEADENER/ SOUND DEADENING PAD

SCHALLDÄMPFER/ SCHALLSCHUTZ POLSTER

PRODUITS D'INONORISATION/ PLAQUES D'INONORISATION

GELUIDSDEMPENDE LATEX & PASTA/ GELUIDSDEMPENDE PADS PASTA

ITEM	Ø	↔	↕			
Q75-1366		3,68 L - LATEX				
Q76-1250		90	250			

R24 SERIES

MAGNETIC/MECHANICAL EDGEMOUNT LATCH, CHROME PLATED

MAGNETISCHER VERSCHLUSS, VERCHROMT

LOQUETEAUX AVEC AIMANT, CHROMÉES

MAGNEETSLUITINGEN, VERCHROOMD

ITEM	Ø	↔	↕			
R24-9175		273	38			
R24-9175-C		273	38	CYLINDER LK		
R24-9175-X		273	38	OFFSET HDL		
R24-9175-XC		273	38	CYL LK, OFFSET HDL		

R25 SERIES

MAGNETIC EDGEMOUNT LATCH, CHROME PLATED

MAGNETISCHER VERSCHLUSS, VERCHROMT

LOQUETEAUX AVEC AIMANT, CHROMÉES

MAGNEETSLUITINGEN, VERCHROOMD

ITEM	Ø	↔	↕			
R25-1700-C		292	49	CYLINDER LK		
R25-1700-NC		292	49	CYLINDER LK		
R25-1700-XC		292	49	CYL LK, OFFSET HDL		
R25-1700-XNC		292	49	CYL LK, OFFSET HDL		

R30 SERIES

LATCH, SURFACE MOUNT, CHROME PLATED

VERSCHLÜSSE, VERCHROMT

LOQUETEAUX, CHROMÉES

SLUITINGEN, VERCHROOMD

ITEM	Ø	↔	↕			
R30-9140-5/8		178	53			
R30-9140-FL		172	53			

Items shown are for European market only, contact your CHG representative for further details

R35 SERIES

EDGEMOUNT LATCH, CHROME PLATED

ZUGVERSCHLÜSSE, RECHTS, VERCHROMT

FERMETURES POIGNÉES DROITE, CHROMÉES

WERPSLUITINGEN, RECHTE HENDEL, VERCHROOMD

ITEM	Ø	↔	↕			
R35-1105		260	38			
R35-1105-C		260	38	CYLINDER LOCK		
R35-1105-X		260	38	OFFSET HANDLE		
R35-1105-XC		260	38	CYL LK, OFFSET HDL		
R35-3105-X		260	38	HIGH TEMPERATURE		

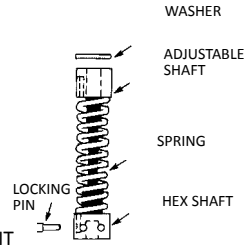
R42 SERIES

EDGEMOUNT HINGE

KANTENSCHARNIERE FÜR KÜHLMÖBELTÜREN

CHARNIÈRES À RAMPE

HOEKSCHARNIEREN



*AVAILABLE WITH POWER SPRING KIT

ITEM	Ø	↔	↕	OFFSET
R42-2000		31	140	35 MM
R42-2840		21	127	22 MM
R42-2842*		24	127	28 MM
R42-2843		24	127	28 MM
R42-2844*		24	127	41 MM
R42-2855		31	140	28 MM
R42-2800	POWER SPRING KIT			
R42-2810	POWER SPRING KIT			

R45 & 50 SERIES

LIFT OFF EDGEMOUNT HINGES

KANTENSCHARNIERE FÜR KÜHLMÖBELTÜREN

CHARNIÈRES À RAMPE

AFNEEMBARE HOEKSCHARNIEREN

ITEM	Ø	↔	↕	OFFSET
R45-1010		28	110	30 MM
R50-2850		30	146	41 MM
R50-2850 SPO		30	146	35 MM
R50-2850-BLK		30	146	41 MM
R50-2850-SS		30	146	41 MM

R56 SERIES

CARTRIDGE HINGE

SELBSTSCHLIESSENDE SCHARNIERE

CHARNIÈRES PIVOT

PIVOT SCHARNIEREN

ALL ITEMS AVAILABLE IN LEFT HAND VERSION

ITEM	
R56-1010	75 X 98
	PIVOT BRACKETS
R56-5010	79 X 25 - RH CARTRIDGE VERTICAL
R56-5011	79 X 25 - RH CARTRIDGE HORIZONTAL
R56-5017	79 X 25 - RH PIVOT HORIZONTAL
R56-7011	79 X 25 - RH PIVOT VERTICAL
R56-7040	79 X 25 - RH DOUBLE PIVOT HORIZONTAL
R56-MINI	38 X 76

Items shown are for European market only, contact your CHG representative for further details

R60 SERIES

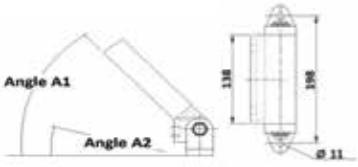
HEAVY DUTY LID HINGE FOR LARGE COOKING KETTLE

DECKEL-DREHGELENKE, FÜR GROSSE KOCHKESSELS

CHARNIÈRE SANS BRAS SUPPORT, POUR LES GRANDES BOUILLOIRES

ZWAAR DEKSEL SCHARNIER, VOOR GROTE KETELS

ITEM	
R60-1080030-C90	Aperture angle A1 = 90°
	Available on request: 65, 70, 80 or 85°
	Angle of decent A2 = about 10°
	Data only applicable for horizontal supporting surfaces



T12 SERIES

CONDENSATE EVAPORATOR

TAUWASSERVERDUNSTER

BACS ÉVAPORATEURS

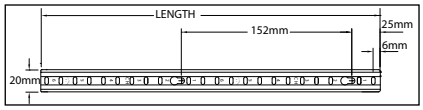
VERDAMPINGSBAKJES

ITEM	↔	↕	
T12-0372	120 X 317	70	160 WATT
T12-0372-CE	120 x 317	70	160 WATT
T12-5200	120 x 317	70	300 WATT
T12-5200-CE	120 x 317	70	300 WATT
T12-0372-P	120 x 317	70	160 WATT
T12-5200-P	120 x 317	70	300 WATT
T12-3390*	150	82	BRACKET

T21 & T22 SERIES

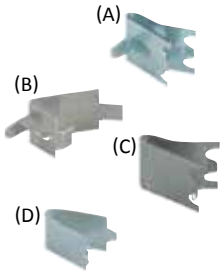
PILASTERS, ALUMINUM
LOCHSCHIENE ALUMINIUM
CRÉMAILLÈRES ALUMINIUM
STELLIJSTEN ALUMINIUM

PILASTERS, STAINLESS STEEL
LOCHSCHIENE EDELSTAHL
CRÉMAILLÈRES INOX
STELLIJSTEN RVS



ITEM	Ø	↔	↕			
T22-0016			406			
T22-0018			457			
T22-0024			610			
T22-0048			1219			
T22-0072			1828			
T22-1024			610			
T22-1048			1219			
T22-1060			1524			
T22-1072			1828			

T30 SERIES



SNAP-IN SHELF SUPPORT

KLAMMER

TAQUETS

CLIPS VOOR STELLIJSTEN

*STAINLESS STEEL

ITEM		Ø	↔	↕			
T30-5030*	**(C)**		22				
T30-5031	**(D)**		16				
T30-5032 *	**(D)**		16				
T30-5055*	**(B)**		19				
T30-5130 *	**(A)**		22				
T30-5131	**(A)**		22				

Items shown are for European market only, contact your CHG representative for further details

W19 SERIES

WALK-IN LATCH

SICHERHEITSVERSCHLÜSSE

LOQUETEAUX DE SÉCURITÉ

SCHARNIEREN VOOR INLOOPKOELING

- C MEANS WITH CYLINDER LOCK
- CHOOSE APPROPRIATE SAFETY RELEASE, W28 SERIES

ITEM	Ø	↔	↕	OFFSET
W19-1000		266	51	0 MM - 19 MM
W19-1000-C		266	51	0 MM - 19 MM
W19-1500		266	51	19 MM - 41 MM
W19-1500-C		266	51	19 MM - 41 MM
W19-2000		266	51	41 MM - 64 MM
W19-2000-C		266	51	41 MM - 64 MM

W38 SERIES

HEAVY DUTY WALK-IN LATCH, CHROME PLATED

VERSCHLÜSSE, VERCHROMT

LOQUETEAUX, CHROMÉES

SLUITINGEN, VERCHROOMD

- C MEANS WITH CYLINDER LOCK
- CHOOSE APPROPRIATE SAFETY RELEASE, W28 SERIES

ITEM	Ø	↔	↕	OFFSET
W38-1000		283	51	0 MM - 19 MM
W38-1000-C		283	51	0 MM - 19 MM
W38-1500		283	51	19 MM - 41 MM
W38-1500-C		283	51	19 MM - 41 MM
W38-2000		283	51	41 MM - 64 MM
W38-2000-C		283	51	41 MM - 64 MM

W99 SERIES

WALK-IN LATCH, STAINLESS STEEL 316

VERSCHLÜSSE, EDELSTAHL 316

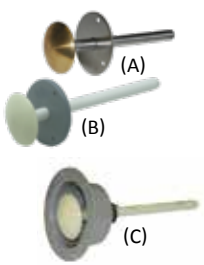
LOQUETEAUX, INOX 316

SLUITINGEN, RVS 316

- C MEANS WITH CYLINDER LOCK
- CHOOSE APPROPRIATE SAFETY RELEASE, W28 SERIES

ITEM	Ø	↔	↕			
W99-3800-SS		283	50			
W99-3800-SS-C		283	50			
W99-3805-SS		283	50			

W28 SERIES



SAFETY RELEASE / SS

SICHERHEITSINNENÖFNER

DÉCONDAMNATIONS

NOODONTGRENDELINGEN

ITEM		Ø	↔	↕			
W28-2325	**(B)**		82.5				
W28-2400X	**(B)**		100				
W28-2400-SS	**(A)**		100				
W28-2600X	**(B)**		150				
W28-2600-SS	**(A)**		150				
W28-3400X	**(C)**		102				
W28-2800X	**(B)**		200				

Items shown are for European market only, contact your CHG representative for further details

W99 SERIES

HINGE ASSEMBLY, STAINLESS STEEL 316

TÜRBAND, EDELSTAHL 316

CHARNIÈRES, INOX 316

VLAGSCHARNIER, RVS 316

ITEM	Ø	↔	↕			
W99-4100-SSLH		263	108			
W99-4100-SSRH		263	108			
W99-6015-SS		387	128			

W59 & W60 SERIES

WALK-IN DOOR HINGES, CHROME PLATED

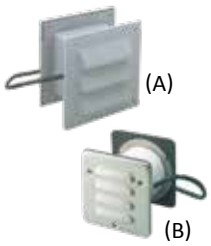
SCHARNIERE, VERCHROMT

CHARNIÈRES, CHROMÉES

SCHARNIEREN, VERCHROOMD

ITEM	Ø	↔	↕			
W60-1000		254	143			
W60-1000-S		175	143			
W59-1000		236	143			

VENT PORTS



ROUND OR SQUARE VENT PORT

DRUCKAUSGLEICHS VENTIL RUND ODER VIERECKIG

SOUPAPES D'ÉQUILIBRAGE DE PRESSION, RONDE OU CARRÈ

DRUKVEREFFENINGSVENTIEL ROND OF VIERKANT

ITEM		⊙	↔	↕		
W86-1010	**(A)**	120V/8W	165	165	76-108	
W86-1012	**(A)**	220V/8W	165	165	76-108	
W86-2010	**(A)**	NON HEAT	165	165	76-108	
W88-1010	**(B)**	120V/23W	127	127	102	
W88-1012	**(B)**	220V/23W	127	127	102	
W88-1010-6000	**(B)**	120V/23W	127	127	150	
W88-2010	**(B)**	NON HEAT	127	127	102	

SAFE-T-VU WINDOW

SAFE-T-VU WINDOW

SAFE-T-VU SICHERHEITSFENSTER

FENÊTRE SAFE-T-VU

SAFE-T-VU RAAM

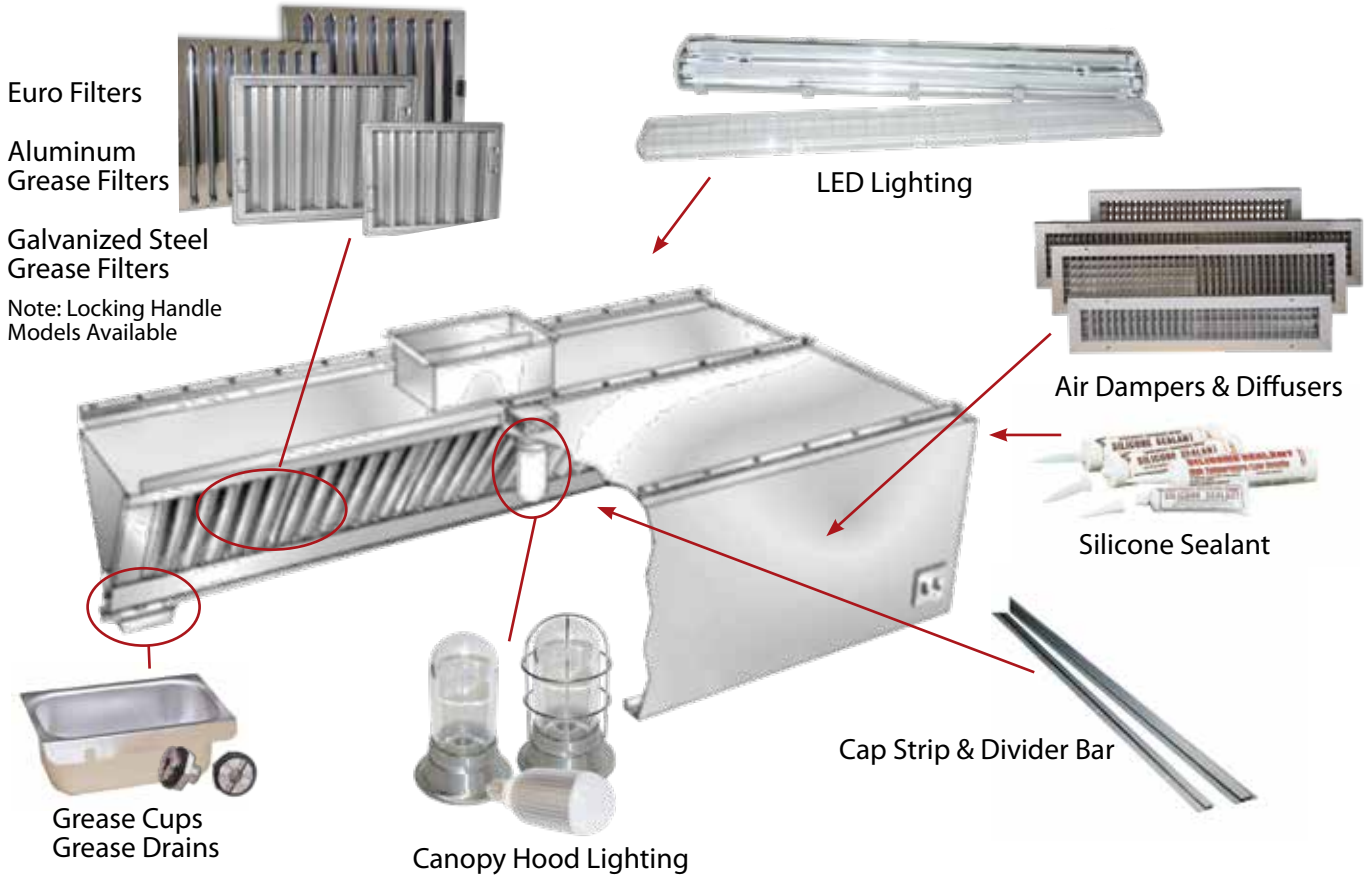
ITEM	Ø	↔	↕			
W90-1424-4AG		413	667		102	
W90-1424-4HA		356	610		102	

HA = HEATED

G = NON HEATED

Items shown are for European market only, contact your CHG representative for further details

CANOPY HOOD



- ✓ EASY TO INSTALL ALL STAINLESS STEEL GREASE FILTERS IN A WIDE VARIETY OF DIMENSIONS
- ✓ EFFICIENTLY REMOVE A SIGNIFICANT AMOUNT OF GREASE BEFORE IT CAN ENTER THE VENTILATION SYSTEM
- ✓ EASY TO INSTALL CANOPY LIGHTING FIXTURES, GREASEPROOF, WATERPROOF AND HEATPROOF

- ✓ EENVOUDIG TE INSTALLEREN VETFILTERS VERKRIJGBAAR IN VELE AFMETINGEN
- ✓ VETFILTERS VANGEN EEN GROOT GEDEELTE VAN HET VET OP VOORDAT HET IN HET VENTILATIESYSTEEM KAN TERECHT KOMEN
- ✓ EENVOUDIG TE MONTEREN LICHTARMATUREN, RESISTENT TEGEN VET, WATER EN HITTE

- ✓ EINFACH ZU INSTALLIERENDE FLAMMSCHUTZFILTER IN ALLEN GÄNGIGEN GRÖSSEN
- ✓ EFFIZIENTE FETTFILTERUNG BEVOR DAS DAS BELÜFTUNGSSYSTEM ERREICHT WIRD
- ✓ EINFACH ZU INSTALLIERENDE, HITZE,-WASSER UND FETTBESTÄNDIGE HAUBENBELEUCHTUNG

Items shown are for European market only, contact your CHG representative for further details

CANOPY HOOD

FLAMEGARD TYPE IV

FLAME GARD BAFFLE FILTER, STAINLESS STEEL, 20MM

FLAME GARD FETTFANGFILTER, EDELSTAHL, 20MM

FLAME GARD FILTRES POUR HOTTES, INOX, 20MM

FLAME GARD VETFILTER, RVS, 20MM

ITEM	Ø	↔	↕			
FG20-300500		300	500			
FG20-400400		400	400			
FG20-400500		400	500			
FG20-495495		495	495			
FG20-500300		500	300			
FG20-500400		500	400			
FG20-500500		500	500			
DIN 18869-5:2007-08 A CLASS RATING						
FGA20-500500		500	500	(BAUART A)		
FGA20-400400		400	400	(BAUART A)		

FLAMEGARD TYPE VI

FLAME GARD BAFFLE FILTER, STAINLESS STEEL, 45MM

FETTFANGFILTER, EDELSTAHL, 45MM

FILTRES POUR HOTTES, INOX, 45MM

VETFILTERS, RVS, 45MM

ITEM	Ø	↔	↕			
FR51-1016		254	406			
FR51-1020		254	508			
FR51-1216		305	406			
FR51-1220		305	508			
FR51-1616		406	406			
FR51-1620		406	508			
FR51-1625		406	635			
FR51-2016		508	406			
FR51-2020		508	508			
FR51-2025		508	635			

L55 SERIES

CANOPY LIGHT FIXTURES WITH THERMAL AND CLEAR GLASS INCLUDING WIRE PROTECTION GUARD

DECKENBELEUCHTUNG LICHTARMIERUNG, UND THERMO ODER KLARES GLAS, MIT ODER OHNE WARMESCHUTZ

ARMATURE D'ECLAIRAGE AVE PROTECTION THERMIQUE

VERLICHTINGSARMATUUR MET THERMISCH EN HELDER GLAS, MET METALEN BESCHERMING

ITEM	Ø	↕	
L55-1004	140	222	TUFF SKIN
L55-1024	140	222	TUFF SKIN WIRE GUARD
L55-2004	140	222	CLEAR
L55-2024	140	222	CLEAR WIRE GUARD
LED-40001N	70	157	WITH GLOBE

L82 SERIES

LED LIGHT, CE, IP 66 RATED, STAINLESS STEEL FACE

LED EINBAULEUCHTE, CE, IP 66, EDELSTAHL

LED ECLAIRAGE ENCASTRABLE POUR HOTTE, CE, IP 66, FACE INOX

LED INBOUW VERLICHTINGSARMATUUR, CE, IP 66, RVS AFWERKING

TEMPERATURE RATING OF 75°C

ITEM	Ø	↔	↕			
L82-1020-CE		610	150			
L82-1030-CE		914	150			
L82-1040-CE		1219	150			
L82-1030-LED-CE-N		914	150	NATURAL		
L82-1030-LED-CE-W		914	150	WARM		
L82-1040-LED-CE-N		1219	150	NATURAL		
L82-1040-LED-CE-W		1219	150	WARM		

Items shown are for European market only, contact your CHG representative for further details

CANOPY HOOD

LED-PL35 SERIES

LED CANOPY HOOD LIGHT 3,5 WATT 270 LUMEN

LED AFZUIGKAPLAMP 3,5 WATT 270 LUMEN

LED HAUBENLAMPE, 3,5 WATT 270 LUMEN

LED LAMPE POUR HOTTE, 3,5 WATT 270 LUMEN

3.5 WATT LIGHT PRODUCES 270 LUMENS, 2800 TO 3200 KELVINS, SATIN SINISH BEZEL MATCHES HOOD, 120 DEGREE ADJUSTABLE BEAM ANGLE

ITEM	
LED-PL35-N	LED CEILING LIGHT, 240V - 4 W
	NATURAL WHITE 4000 - 4500K
LED-PL35-W	LED CEILING LIGHT, 240V - 4 W
	WARM WHITE 2800 - 3200K
LED-PL35-W-IP65	LED CEILING LIGHT, 240V - 4 W
	WARM WHITE 2800 - 3200K, IP65

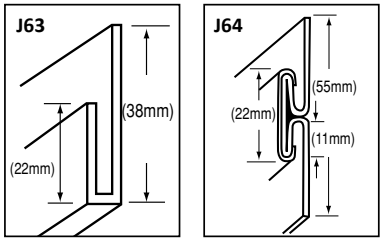
J63 & 64 SERIES

CAP STRIP AND DIVIDER BAR, STAINLESS STEEL

ABDECKUNG, EDELSTAHL

MOULURE, INOX

AFDEKLIJST, RVS



ITEM	Ø	↔	↕			
J63-1450-8.2		2500		CAP STRIP		
J64-1451-8.2		2500		DIVIDER BAR		

90 VML SERIES

REGISTER, MULTI DAMPER, ALUMINUM

LUFTEIN-/AUSLASSGITTER VERSTELLBAR, ALUMINIUM

MULTI VALVE DAMPER, ALUMINUM

MULTI VALVE DAMPER, ALUMINUM

ITEM	Ø	↔	↕			
90VML-20X4		500	100			
90VML-20X6		500	150			
90VML-24X12		600	300			
90VML-24X4		600	100			
90VML-24X6		600	150			
90VML-24X8		600	200			
90VML-30X6		750	150			
90VML-36X6		900	150			

M90 SERIES

SILICONE SEALANT, FOODGRADE, HIGH TEMPERATURE RESISTANCE, 5 DIFFERENT COLORS

HOCH TEMPERATURSILIKONE, 5 FARBEN

SILICONE HAUT TEMPERATURE, 5 COULEURS

TEMPERATUURSBESTENDIG SILICONENKIT, FOODGRADE, 5 KLEUREN

ITEM	
M90-1010	CLEAR 305 ML
M90-1012	ALUMINUM 305 ML
M90-1014	WHITE 305 ML
M90-1016	BLACK 305 ML
M90-1018	HI TEMP RED 305 ML

Items shown are for European market only, contact your CHG representative for further details

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Cabinet hinge	EU259	Refrigeration Components
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Cap strip and divider bars	EU255, 271	Cafeteria Component
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Continious hinge	EU259	Cabinet Hardware
Cartridge hinges	EU265	OEM
Casters	EU253	Cafeteria Component
Corner bumpers and strips	EU254	Cafeteria Component
Cove Corners	EU255	Cafeteria Component
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Overflow tubes	EU251	Plumbing Components
Paddle latch	EU258	Cabinet Hardware
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Register, multi damper	EU271	Canopy Hood

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Safe-T-VU window	EU268	OEM
Service sink	EU249	Plumbing Components
Scrap rings	EU255	Cafeteria Component
Silicone sealant	EU271	Canopy Hood
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Snap-in shelf support	EU266	OEM
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Highlighted Models Are Our Top Sellers

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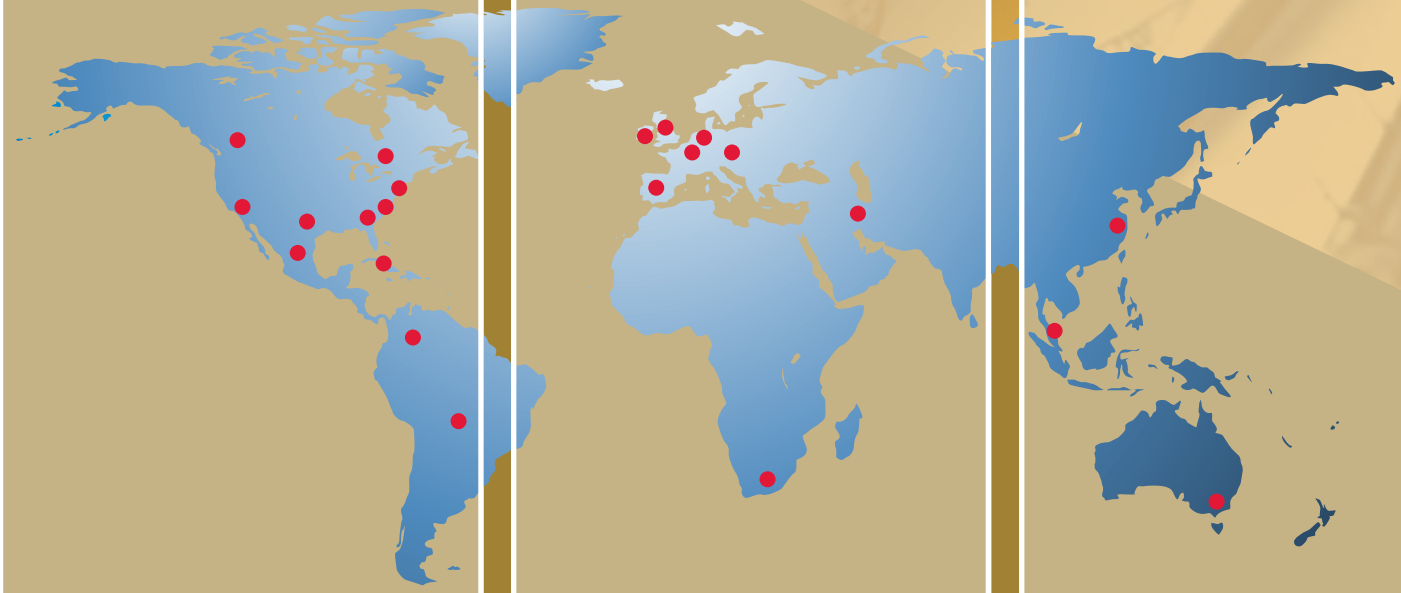

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