



WORLD LEADERS IN DOOR SAFETY

fingersafe[®]

DOOR SAFETY SYSTEMS

AN EVERYDAY HAZARD

With some **300,000** reported incidents of amputated, mutilated or damaged fingers in doors per year, **Fingersafe** designed products to specifically prevent fingers from being damaged at the dangerous hinged end of doors. Besides the cost in trauma, treatment and disability, the owner or manager of a facility could be held responsible and incur litigation and claim costs for personal injury. Having identified the need in the market, **Fingersafe** products are now accepted nationally and internationally as a world leader in door safety. Since 1996, **Fingersafe** has provided a simple, seamless door safety system designed for commercial use.



CONTENTS

About Us	2
Product Range Overview	3
MK1A: Hinge Opening Side	4
MK1B: Hinge Pin Side	5
MK1C: Bi-fold and Flush-Fit Doors	6
Toe Safe	7
Door Safety Checklist	8
Door Safety Standards	9
Testimonials	10
Warranty & Disclaimer	11
Product Overview Sheet	12
MK1A & MK1B Technical Specifications	13



fingersafe®

ABOUT US

Made in the USA, Fingersafe is retrofitted to existing doors, weatherproof, and is UL approved with a 4-hour fire door rating. Fingersafe is compatible with all types of standard hinged doors. Specific uses include: schools and other educational facilities, childcare and healthcare centers, homes for the elderly and infirm as well as residential use. It is commercially specified for restaurants, fast food outlets, as well as government and military buildings.

Safety and durability are primary benefits provided by Fingersafe. Unlike an inferior finger shield or wrap around devices, Fingersafe is aesthetically pleasing: the MK1A lies flat against the frame unobtrusively when the door is closed. It also offers draft exclusion and is a smoke inhibitor in the event of a fire. A secondary application is the MK1B as a sight seal or privacy guard, as well as an anti ligature device.

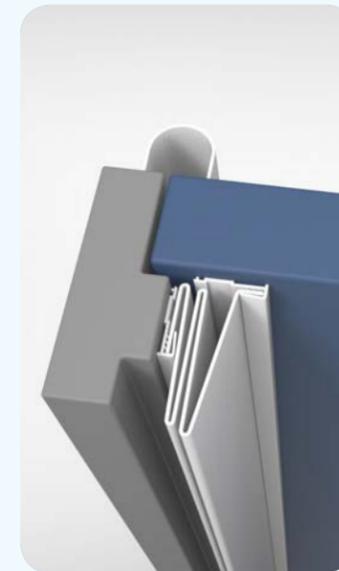
Building owners may contact their insurance agent, broker or company and request a premium reduction as a result of having eliminated a source of workers' compensations, medical, third party and employers' liability.



PRODUCT RANGE OVERVIEW

Fingersafe offers no resistance or restriction to the door operation and allows over 180 degrees of operation. It is available for use on each side of the hinged end of door. The MK1A is a flexible, accordion shaped fitting, positioned on the hinged end of the push side of the door and affixed to the door frame. When the door is closed the fitting is compressed, but when the door is opened the fitting extends and provides a protective covering over the hinged end

space. The removable MK1A units are installed via a fixing strip which allows easy access to the hinge for maintenance. The MK1B is a flexible, curved fitting, positioned on the outer hinge pin side of the door. When the door is closed the fitting forms a closed seal over the hinge. The MK1C units use the standard Fingersafe module together with a special fixing strip, allowing it to fit bi-fold doors, which are flush to the frames.



MK1A

for hinge opening side



MK1B

for hinge pin side



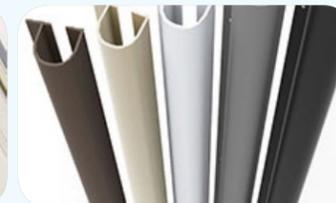
MK1C

for flush fit



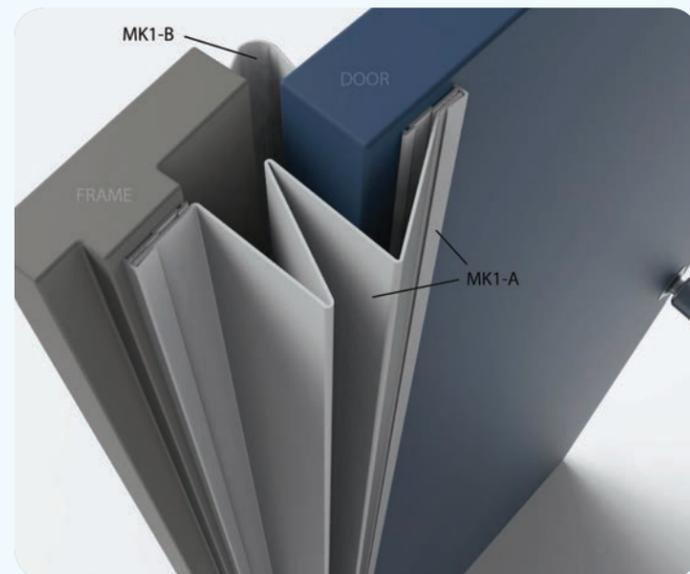
ToeSafe

Toe Guard



MK1A Hinged End "Push Side" for Standard Doors

The MK1A Accordion piece is designed to actually eject fingers from being trapped or crushed in the "push" side of doors.



Product Details:

- Accordion piece lies flat against the frame for aesthetically pleasing design.
- Mounted to a fixing strip for easy installation.
- Easily repaired and replaced without reinstallation.
- Can be installed on interior or exterior doors. (Wood, Metal, Particle Board)
- Easy modification for doors with push bars and kick plates.
- Available in 80", 84", and 96" and can be custom cut to accommodate any door or gate.
- Compliant for commercial ADA applications and has a UL 4-hour fire door rating.

Available Colors:

White
Gray
Brown
Black
Almond



MK1B Hinged End "Pull Side" for Standard Doors

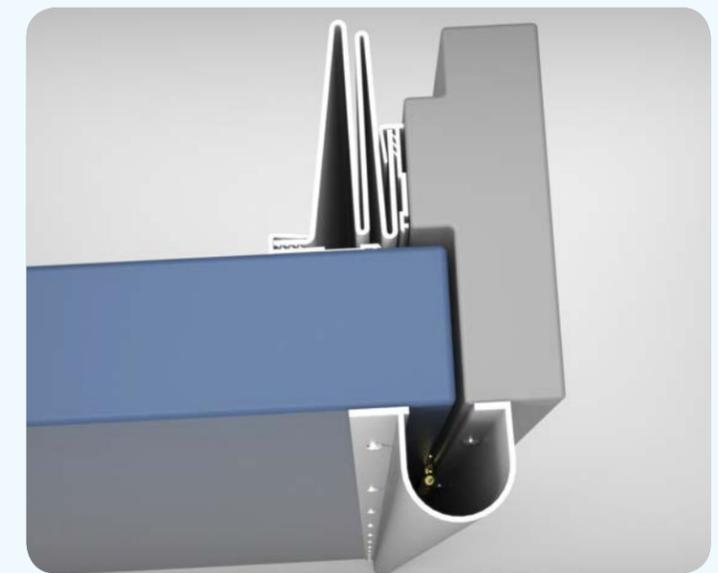
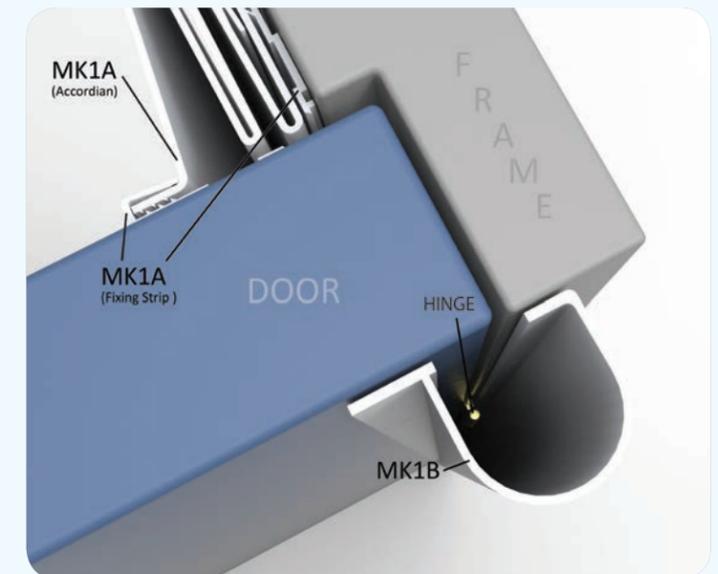
The MK1B is installed on the hinge-pin side or "pull" side. As with all Fingersafe products, this hinge guard protects fingers from the full length of the door.

Product Details:

- Initially developed for the US Government, this model affixes to the door frame and outside edge of the door forming a protective seal over the hinge-pins.
- Can be installed as a sight guard in bathrooms and medical facility doors.
- Can be installed on interior or exterior doors.
- Available in 80", 84", and 96" and can be custom cut to accommodate any door or gate.
- Compliant for commercial applications and has a 4-hour fire door rating.

Available Colors:

White
Gray
Brown
Black
Almond



The MK1-C is designed for bi-fold and flush mount doors.



Product Details:

- Fits doors which are flush with the frame.
- Uses the MK1A module but has a unique fixing strip which keeps the product flat against the door and ejects fingers every time.
- Also used in utility trucks, the marine industry and industrial situations where doors close unexpectedly and are prone to injury.
- This product allows a full 5 inch door opening and can be modified to accommodate wider openings up to 8.5 inches.
- Only available in 80" white.

Available Colors:

White



Product Details:

- Model affixes to the bottom of the door with screws or 3-M adhesive provided.
- Recommended for all aquatic center doors.
- Can be installed on interior or exterior doors.
- Available in 36" length and can be custom cut to accommodate any door.
- Compliant for commercial applications and has a 4-hour fire door rating.

Available Colors:

White

Gray

Brown

Black

Almond



Developed by request from our child care customers, the Toe Guard is a safe alternative to a door sweep.



DOOR SAFETY CHECKLIST

Doors are important, for without them there would be no security, no environmental control, no storage, no privacy; BUT doors can be inherently dangerous and there needs to be a degree of responsibility exercised by those who have control over those doors.

- ✔ Ensure that the hinges are firmly installed and that the door is not “wobbly”.
- ✔ Ensure that any door closers are correctly adjusted so that they pause for long enough to allow anything in the latch (doorknob) area, including hands, fingers and feet, to be removed quickly prior to that final slam.
- ✔ If the door is fitted with a panic bar, the ends of which are so close to the door jambs when the door is closed that they create pinch hazards, consider having the panic bar shortened or replaced, so as to remove the pinch hazard.
- ✔ If the door handle is of the type that the door may be easily opened by a young child, thereby allowing the child to leave the room unnoticed by the caregiver, you should consider replacing those handles or installing alarms, such as travel alarms, to sound if the door is opened.
- ✔ When fitting door hinge guards, do ensure that they allow the door to open to its fullest extent. Remember that some doors open to 180° and any hinge guard that does not allow this is likely, nay, certain to pull away from the door, leaving the finger-pinch hazard still there! Try to avoid hinge guards that use glue as the method of attachment. If the surfaces to which these are attached are not properly prepared the hinge guards can easily become detached. Also many glues cannot stand up to the wide extremes of temperature that may be encountered in some geographic areas.
- ✔ Both the opening hinge side and the hinge pin side (where the hinges protrude), must be protected. Injuries at the hinge pin side do not just include amputations

ALL DOORS IN YOUR FACILITY SHOULD OPERATE SMOOTHLY. THEY SHOULD OPEN, CLOSE AND LOCK WITH LITTLE EFFORT.

and crushings, but also head lacerations if the child should fall hitting his or her head on the protruding hinges.

- ✔ If there are glass doors, ensure that:
 - ✔ The glass is shatterproof or of the wired glass variety.
 - ✔ There is some warning on the glass to prevent somebody walking straight into it, unaware that there is plain glass in front of them. Use vinyl window decoration or children’s artwork.

IF YOUR FACILITY IS ALREADY FITTED WITH Fingersafe® DOOR HINGE GUARDS YOU SHOULD INSPECT THEM PERIODICALLY TO CHECK FOR THE FOLLOWING:

- ✔ Make sure that, on the MKIA's, the accordion pieces are firmly snapped into the fixing strips. If there is heavy traffic through any particular door, screw three or four screws through the fixing strip and accordion where they meet.
- ✔ Make sure that they are not damaged. If they are, please contact us for replacement pricing. The accordion piece is designed to be removable. If you have a damaged one, it can be easily replaced.

a selection of DOOR SAFETY STANDARDS

“Caring for our Children-National Health and Safety Performance Standards: Guidelines for Out-of-Home Child Care Programs,” produced by National Resource Center for Health and Safety in Child Care, (2nd Edition) published in January 2002.) STANDARD 5.017 Finger-pinch Protection Devices. Applicable to Centers, Large Family Child Care Home, Small Family Child Care Home:

“Finger pinch protection devices shall be installed wherever doors are accessible to children...”

U.S. General Services Administration “Child Care Center Design Guide” (June 1998) Chapter 10, Technical Criteria (10.7.3 Doors):

“...It is essential that children’s fingers be protected from being crushed or otherwise injured in the hinge space of a swinging door or gate. There are simple devices available to attach to the hinge side, ensuring that this type of injury does not occur. As the door closes, the hand is pushed out of the opening, away from harm. In addition, young children are vulnerable to injury when they fall against the other (hinged) side of doors and gates, striking projected hinges. Piano hinges are not recommended to alleviate this problem as they tend to sag over time with heavy use. Instead, an inexpensive device fitting over hinges is available on the market and should be used to ensure safety.”

Department of Defense “Handbook on Child Development Centers”, modified 8/29/97 (MIL-HDBK-1037/2A), Section 5.3(e):

“...Provide protection hardware for the hinge open area up to 1524mm (60 inches) minimum above finished floor at doors in children’s activity rooms”

U.S. Air Force “AFI34-248 1 October 1999” Chapter 10.7 Other Dangers (10.7.6):

“Have finger guards on activity room doors”

U.K. Government Regulation 18-1 of the “Workplace (Health, Safety and Welfare) Regulations 1992”:

“Doors and gates shall be suitably constructed (including being fitted with any necessary safety devices)”



"We ordered the Fingersafe products after having a small child lose the tip of one of his fingers. We now have your products on every classroom door in our child care center. We love this product! The design is flawless and the safety this product provides is wonderful! The protectors were easy to install and match our doors beautifully. We had a quality committee encourage us to find a product such as this and are very pleased with our decision to go with Fingersafe USA. Thank you for creating and providing such a great product to keep our children's fingers safe!"

Tiffany Hardy | Director, Child Care Services | Memorial Health System | November 19, 2013

"A 20-month-old child lost the tip of his finger after getting it caught in the hinge-side of a large metal door. Multiple employees were working at the child care center and all children were well supervised at the time of the incident. As one employee began taking another child outside, the 20-month-old followed and was trapped by the door. Even though the door was equipped with a slowing mechanism, the child was unable to avoid injury. Several surgeries were required because the child's bone continued to grow through the finger. Eventually, the entire nail was removed and the tip was amputated."

"Real Life Finger Injury" | West Bend Insurance Group

"Hundreds of thousands of people suffer from door related injuries every year, according to the National Safety Council 'Accident Facts'. These injuries range from the simply painful to the disfiguring. People lose fingers in the hinges of closing doors more often than you think. A new device called FingerSafe® is an easy-to-install strip that covers the entire hinge area, so anything caught between the door and frame is pushed away."

"Hinge Safety" | Risk Management Magazine | January 1998

Warranty and Disclaimers

Fingersafe® USA, Inc., hereinafter "Fingersafe®", warrants all merchandise manufactured by it and bearing its name to be free from defects in material and workmanship on the date of sale by an authorized Fingersafe® distributor to the original purchaser for use. As purchaser's sole remedy for breach of this warranty, Fingersafe® will, for a period of 2 years from the date of sale. Repair or replace any part of the merchandise proven defective. This warranty applies only when the merchandise is installed, operated and maintained in accordance with Fingersafe®'s written recommendations.

This warranty does not cover, and Fingersafe® shall not be liable for, any malfunction, damage or wear caused by faulty installation, misapplication, abrasion, corrosion, inadequate or improper maintenance, negligence, accident, tampering, or substitution with non-Fingersafe® component parts. Nor shall Fingersafe® be liable for malfunction, damage or wear caused by the incompatibility with Fingersafe® equipment of structures, accessories, equipment or materials not supplied by Fingersafe®, or the improper design, manufacture, installation, operation or maintenance of structures, accessories, equipment or materials not supplied by Fingersafe®.

This warranty is conditioned upon the prepaid return of the product claimed to be defective to an authorized Fingersafe® distributor for verification of the claim or other arrangement agreed to in writing by an authorized Fingersafe® distributor. If the claimed defect is verified, Fingersafe® will repair or replace free of charge any defective merchandise. The merchandise will be returned to the original purchaser FOB Origin. If inspection of the merchandise does not disclose any defect in material or workmanship, repairs will be made at a reasonable charge, which charges may include the costs of parts, labor and transportation.

Disclaimers and Limitations

The terms of this warranty constitute purchaser's sole and exclusive remedy and are in lieu of any other warranties (express or implied), including warranty of merchantability or warranty of fitness for a particular purpose, and of any non-contractual liabilities, including product liabilities, based on negligence or strict liability. Every form of liability for direct, special or consequential damages or loss is expressly excluded and denied. In no case shall Fingersafe®'s liability exceed the amount of purchase price. Any action for breach of warranty must be brought within two (2) years of the date of sale.

Merchandise Not Covered by Fingersafe® Warranty

Fingersafe® makes no warranty, and disclaims all implied warranties of merchantability and fitness for a particular purpose with respect to accessories, equipment, materials, or components sold but not manufactured by Fingersafe®. Items sold, but not manufactured by Fingersafe®, are subject to the warranty, if any, of their manufacturer. Fingersafe® will provide purchaser with reasonable assistance in making any claim for breach of their warranties.

PRODUCT OVERVIEW SHEET

FINGERSAFE DOOR SAFETY SYSTEMS

A unique, inconspicuous and easy to install protection system designed to prevent fingers being trapped in opening and closing doors.

Introduction

With some 300,000 reported incidents of amputated, mutilated or damaged fingers in doors per year, Fingersafe is designed specifically to prevent fingers from damaged in the hinged end of doors. Besides the cost in trauma, treatment and disability, the owner or manager of a facility could be held responsible and incur litigation for personal injury. Having identified the need in the market, Fingersafe was developed as the original door hinge guard. Since 1996, Fingersafe has closed the door on injuries in the US.

Applications

Fingersafe is compatible with all types of standard hinged doors including: fire doors, wood, metal, aluminum, YKK type openings and dutch doors. Resistant to UV light, Fingersafe is designed for interior or exterior use. Specific uses include schools and other educational facilities, childcare and healthcare centers, homes for the elderly and infirm as well as residential use. It is commercially specified for restaurants, fast food outlets, as well as government and military buildings.

Compliance

ASTM E 152 - Methods of Fire Tests of Door Assemblies. NFPA 25 - Standard For The Inspection, Testing, And Maintenance Of Water-Based Fire Protection Systems. UL 10B - Fire Tests of Door Assemblies. UL10C - Positive Pressure Fire Tests of Door Assemblies. CAN4 S-104 - Standard Method for Fire Tests of Door Assemblies. UBC 7-2 - Fire Tests of Door Assemblies. Complaint for commercial ADA applications.

Description

Fingersafe offers no resistance or restriction to the door operation and allows over 180 degrees of operation. It protects the full length of the door on each side of the hinged end of door. The MK1A is a flexible, accordion shaped fitting designed to actually eject fingers from being trapped or crushed in the "push" side of doors. When the door is closed the fitting is compressed, but when the door is opened the fitting extends and provides a protective covering over the hinged end space. The accordion piece lies flat against the frame when the door is closed for aesthetically pleasing design. MK1A units are installed via a fixing strip which allows easy access to the hinge for maintenance. MK1B is a flexible, curved fitting, positioned on the outward side of the door and fixed to the door frame and the outside edge of the door. When the door is closed the

fitting forms a closed seal over the hinge. When the door is opened this fitting compresses and provides a stiff protective covering to the hinge and the space between door and frame. The MK1C units use the standard Fingersafe module together with a new fixing strip, allowing it to fit bi-fold doors, which are flush to the frames.

Materials and Finishes

Made in the USA. PVC (UL V-O rated) with TPE hinges designed for commercial use.

Dimensions Stock lengths are 80 inches, 84 inches, 96 inches
Appearance Available in White (default), Black, Brown, Grey and Almond at no extra cost

Performance

Unlike an inferior finger shield or wrap around device, Fingersafe allows even a fire door to open to 180 degrees and actually ejects the finger before an injury can occur. Fingersafe is aesthetically pleasing: the MK1A lies flat against the frame unobtrusively when the door is closed. It also offers draft exclusion and is a smoke inhibitor. A secondary application is the MK1B as a sight seal or privacy guard, as well as anti ligation device.

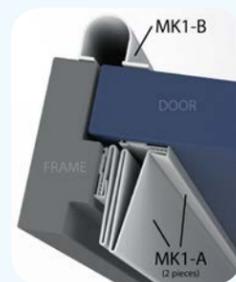
Compatibility Fingersafe is compatible with all types of doors except double pivot.

Maintenance Fingersafe is resistant to most household chemicals such as bleach, alcohol and other multi surface disinfectants and may be cleaned with any readily available cleaning products.

Installation Simple to install in minutes. Retrofitted to existing doors using self tapping screws and installation accessories are included.

Availability and Cost

Fingersafe products are stocked in 80", 84", and 96" with a one week turn around. A two year warranty is offered on fair wear and tear, supply only. Samples may be supplied on request to a potential client for evaluation purposes.



FINGERSAFE USA, INC.
115 West Oglethorpe Ave.
Savannah, GA 31401

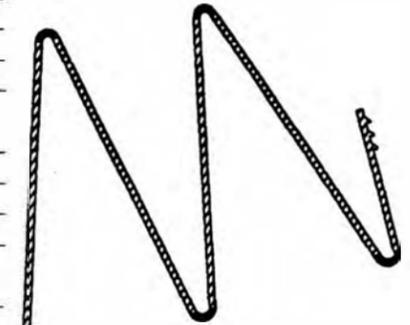
TEL: 912.234.6120
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Website: www.fingersafeUSA.com

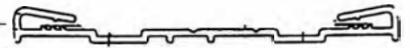
TECHNICAL SPECIFICATIONS MK1A & MK1B

FINGERSAFE MK1A – open hinge protection - Push Side

	Pleated Guard (a.k.a. fingersafe)
Material:	Rigid PVC with TPE hinges
Manufacture:	Dual Durometer Extrusion
Thickness:	0.04" (typ.)
Panel Widths:	2.3", 1.9", 1.8", 1.8"
2 Retaining Strips:	.98", .34" with retaining serrations
Length:	Stocked in 6'8", 7', 8'
Color:	Stocked in Black, White, Brown, Grey and Almond
Fire Rating:	UL V-0 Rated Rigid PVC (see ratings below)
Durability:	U.V. and High Impact Resistance. Easy cleaning with typical household cleaners.



	Retaining Plate (a.k.a. Fixing Strip)
Material:	Rigid PVC
Manufacture:	Extrusion
Overall Width:	2.4" before installation
Length:	Stocked in 6'8", 7', 8'
Color:	Stocked in Black, White, Brown, Grey and Almond
Fire Rating:	UL V-0 Rated Rigid PVC (see ratings below)
Durability:	U.V. and High Impact Resistance. Easy cleaning with typical household cleaners.



FINGERSAFE MK1B – closed hinge/hinge pin - Pull Side protection

Material:	Rigid PVC with TPE
Manufacture:	Extrusion
Overall Width:	1.1" depending on installation configuration
Length:	Stocked in 6'8", 7', 8'
Color:	Stocked in Black, White, Brown, Grey and Almond
Fire Rating:	UL V-0 Rated Rigid PVC (see ratings below)
Durability:	U.V. and High Impact Resistance. Easy cleaning with typical household cleaners.

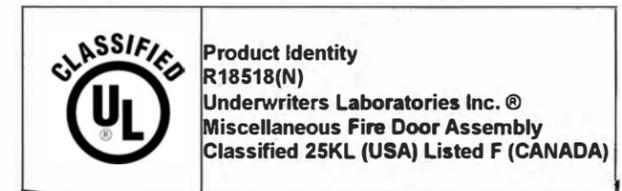


Fingersafe compliances with the following standards:

- NFPA 252
- UL 10B, UL 10C
- ASTM E-152
- CAN4 S-104
- UBC7-2 (1997)

This product has a UL four hour fire rating compliance in any door assembly

DOOR OPERATION 180° UNIMPEDED AS TO MK1A AND MK1B



US, Canadian and world-wide patent numbers available upon request
Made in the U.S.A.

Master code format Division: Section 8



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