# K. N. CROWDER MFG. INC. THRESHOLDS, WEATHERSTRIP, ASTRAGALS, AUTOMATIC DOOR BOTTOMS & STAIR NOSINGS PRODUCT CATALOGUE





"Prices and Designs subject to change without notice"

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#### **GENERAL INFORMATION**



Where else but in Canada with its extreme variations of climate could one better choose for the testing and use of Thresholds, Weatherstrip, Astragals, Automatic Door Bottoms, and Stair Nosings.

We at K. N. Crowder Mfg. Inc., with the help and concern of Architects and Architectural Hardware Consultants, are dedicated to supply products that meet or exceed these demands.

#### We have been doing this for over 60 years!



This symbol indicates products that are listed for use on metal doors and frames up to and including 1-1/2 hour locations. [The following products are also listed for use on metal doors and frames for installation in 3 hour locations: Weatherstrip W-23, W-24S, W-25. Astragal W-25]. Unless otherwise noted, products listed and labeled with this symbol have been evaluated for conformance to the following standards as a component part in a Door Assembly:

- ASTM-E152, Methods of Fire Tests of Door Assemblies
- CAN/ULC-S104, Standard Method for Fire Tests of Door Assemblies
- NFPA-252, Standard Methods of Fire Tests of Door Assemblies
- UBC-7-2-94, Uniform Building Code
- UL-10(b), Fire Tests of Door Assemblies

And are installed in accordance with the following: Code Requirements and Manufacturer's Installation Instructions. All assemblies are identified by a mark bearing the "Listed" WHI Certification Mark.

#### TESTED BY INTERTEK TESTING SERVICES.





SOUND/LIGHT - Products displaying this symbol are designed for use in openings where reduction of light and/or sound is necessary. Due to the variety of door and frame combinations, these products may vary in their performance. Tested ASTM E 90-90 and ASTM E-1408-91.



AIR INFILTRATION - Tested to ASTM E-283 and SDI 116. Products displaying this symbol have been Air Infiltration tested in accordance with the requirements of ASTM E-238 Rate of Air Leakage Through Exterior Windows, Curtain Walls & Doors and SDI 116 Test Procedure and acceptance of Rate of Air Flow Through Closed Steel Door and Frame Assemblies (Steel Door Institute). All products shown with this symbol are well below maximum leakage allowed.



This Product is Listed by: UNDERWRITERS LABORATORIES INC. and Bears the Mark

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W-2&W-2F   28     W-3   33     W-6   *   28     W-13   *   28 & 38     W-14   *   28     W-15   *   28 & 38     W-16N   *   29     W-16P   29     W-16S   *   29     W-16V   29     W-17N   29     W-17S   *   29     W-18   *   30 & 38     W-20P   30   30     W-23   *   27 & 30     W-27   30   30	WEATHERSTRIP	
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W-13   *   28 & 38     W-14   *   28     W-15   *   28 & 38     W-16N   *   29     W-16P   29     W-16S   *   29     W-16V   29     W-17N   29     W-17S   *   29     W-18   *   30 & 38     W-20P   30   30     W-23   *   27 & 30     W-27   30   30		
W-14   *   28     W-15   *   28 & 38     W-16N   *   29     W-16P   29     W-16S   *   29     W-16V   29     W-17N   29     W-17S   *   29     W-17S   *   29     W-18   *   30 & 38     W-20N   30   30     W-20S   *   30     W-23   *   27 & 30     W-27   30   30		
W-15   *   28 & 38     W-16N   *   29     W-16P   29     W-16S   *   29     W-16V   29     W-17N   29     W-17S   *   29     W-18   *   30 & 38     W-20N   30   30     W-20S   *   30     W-23   *   27 & 30     W-27   30   30		
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LISTOF AGENTS & OTHER PRODUCTS BY KNC

FASTENERS

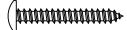
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- **THRESHOLDS:** ALL THRESHOLDS ARE SUPPLIED PRE-DRILLED AND COUNTER SUNK WITH 3/16" X 1-3/4" HILO-TAPPING THREAD, GREY, PHILLIPS DRIVE, CONCRETE SCREWS. (5/32" PRE-DRILL REQUIRED).
- **WEATHERSTRIP:** WHERE APPLICABLE, WEATHERSTRIP SEALS ARE SUPPLIED PUNCHED WITH OBROUND HOLES FOR ADJUSTMENT AND #8 X 3/4" SELF-DRILLING PAN HEAD, ROBERTSON DRIVE, TEK SCREWS.

**OPTIONAL:** OTHER FASTENERS, IN STANDARD ZINC PLATED, STAINLESS STEEL & TORX TAMPERPROOF SCREWS ARE AVAILABLE. SEE BELOW FOR DETAILS. CONTACT CUSTOMER SERVICE FOR PRICING & AVAILABILITY





#8 x 1" Pan Head,

Robertson Drive,

Self-Drilling Tek Screw

\*

\*

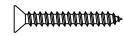
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28& 38

30& 38

34 & 38



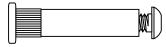
#10 x 1" Pan Head, Robertson Drive, Self-Drilling Tek Screw

#10 x 1-1/2" Flat Head, Robertson Drive, Type A Screw



<u>Adakakakakan interakakakan interakakan interakakan interakakan interakakan interakakan interakakan interakakan interakan interakan</u>





1/4"-20 x 3/4" Button Head Socket Cap Screw with Security Sleeve (For Astragals & W-19 Door Sweep only)

#10 x 1-1/2" Truss Head, Robertson Drive, Type A Screw

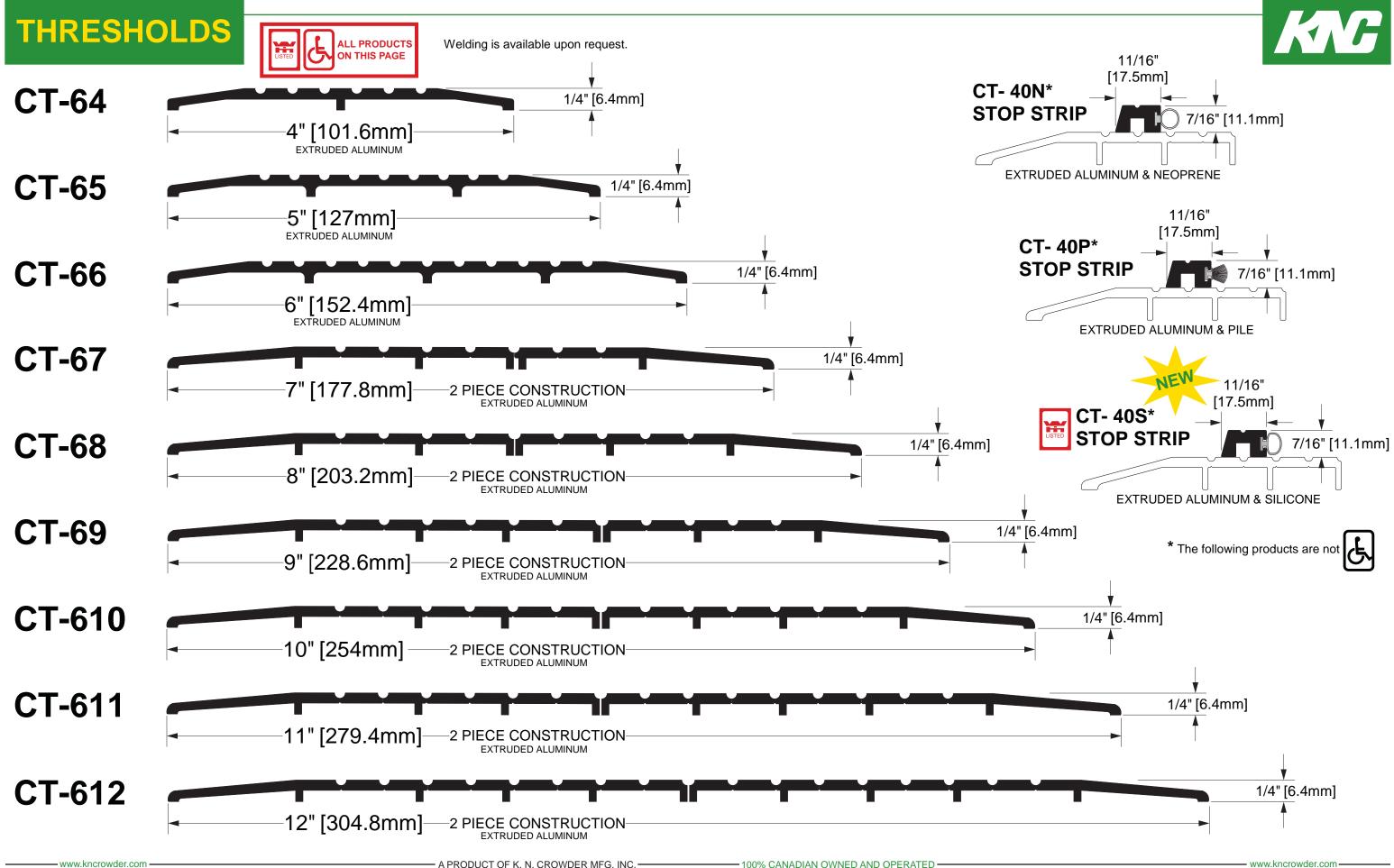
- 100% CANADIAN OWNED AND OPERATED -

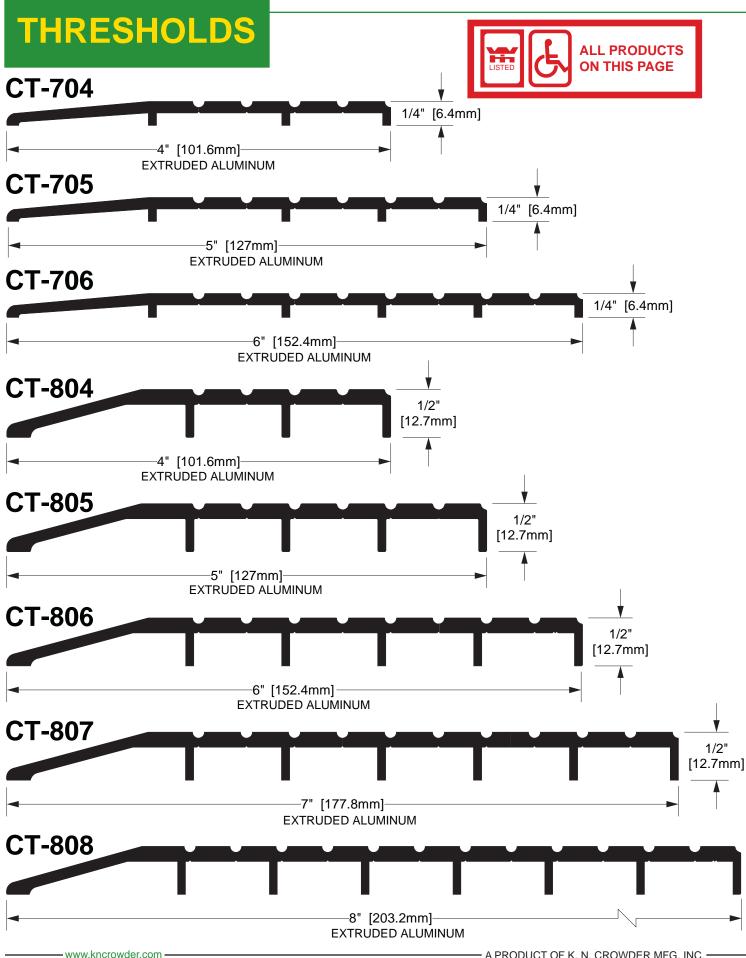
- www.kncrowder.com-

39

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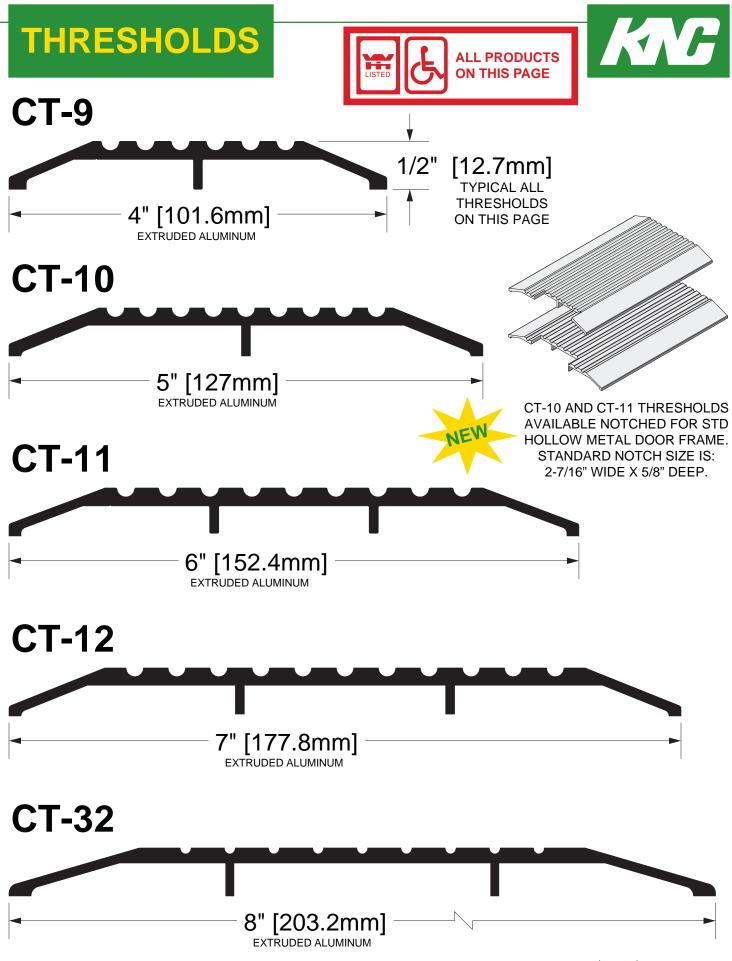
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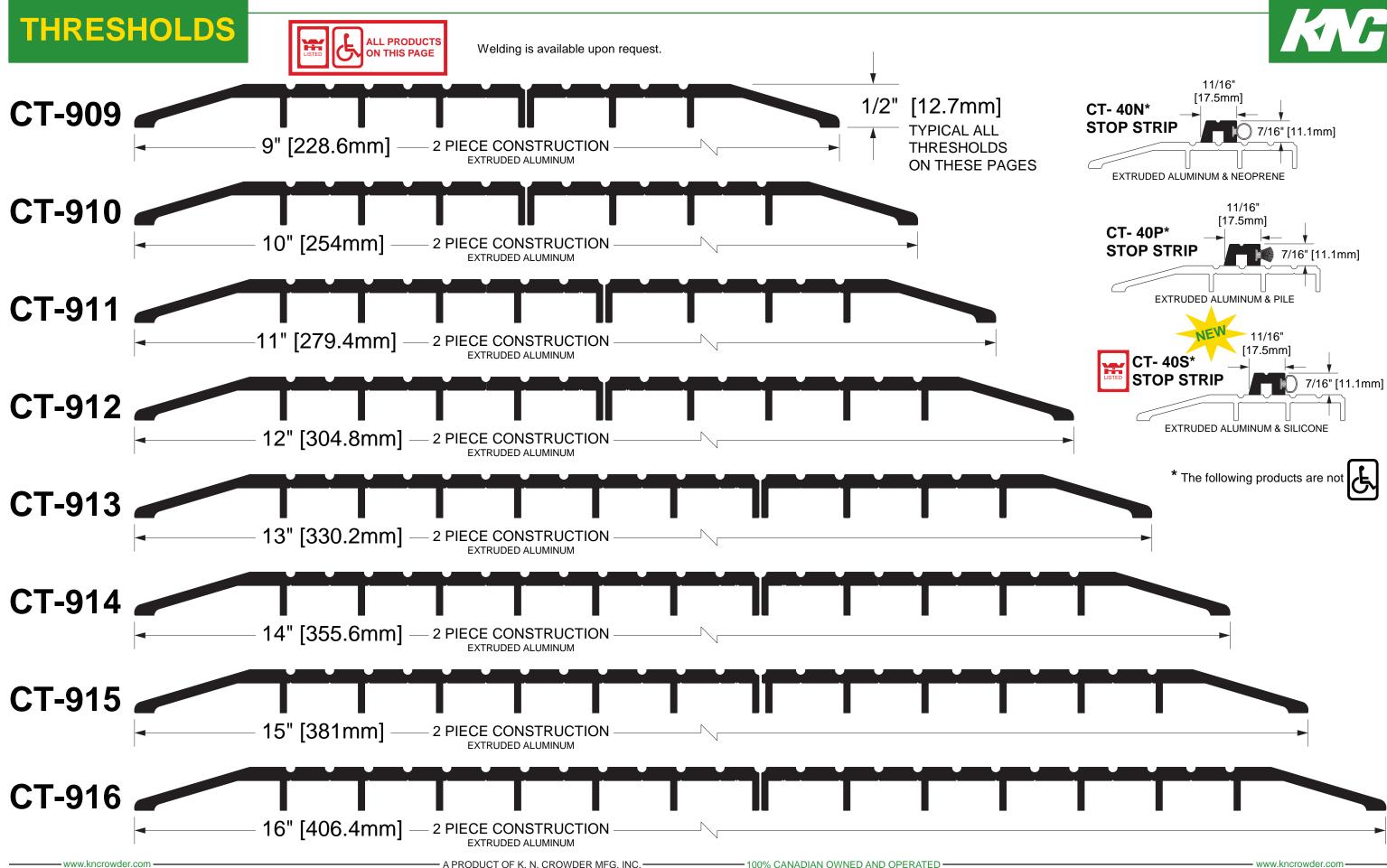




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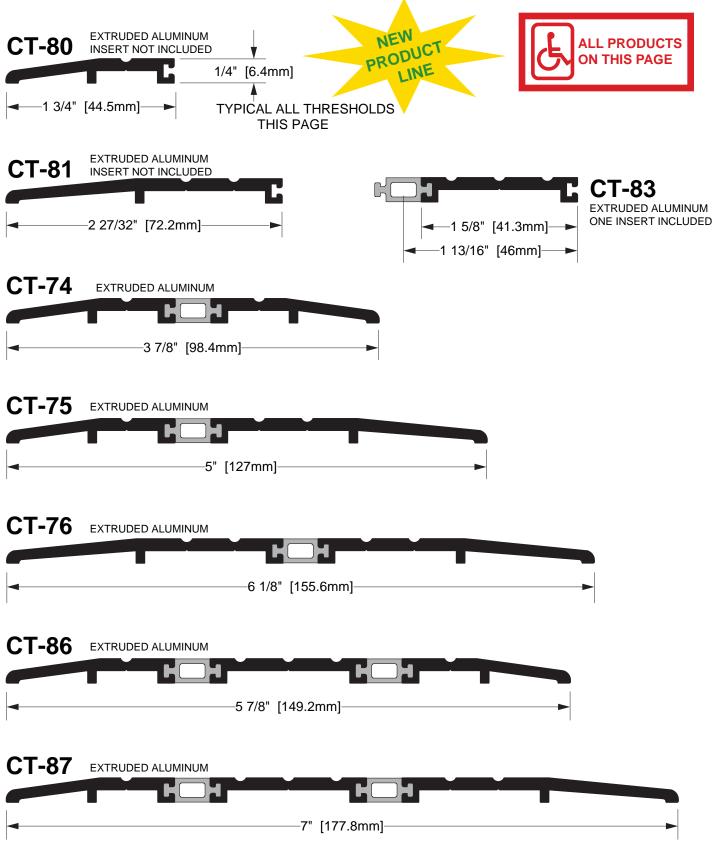
- A PRODUCT OF K. N. CROWDER MFG. INC. -

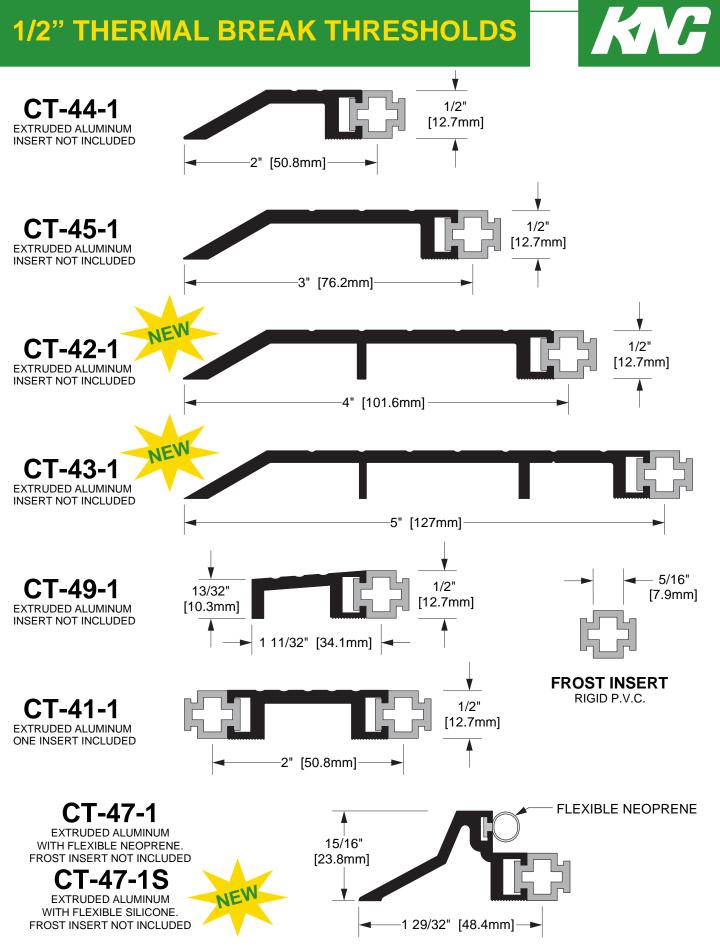




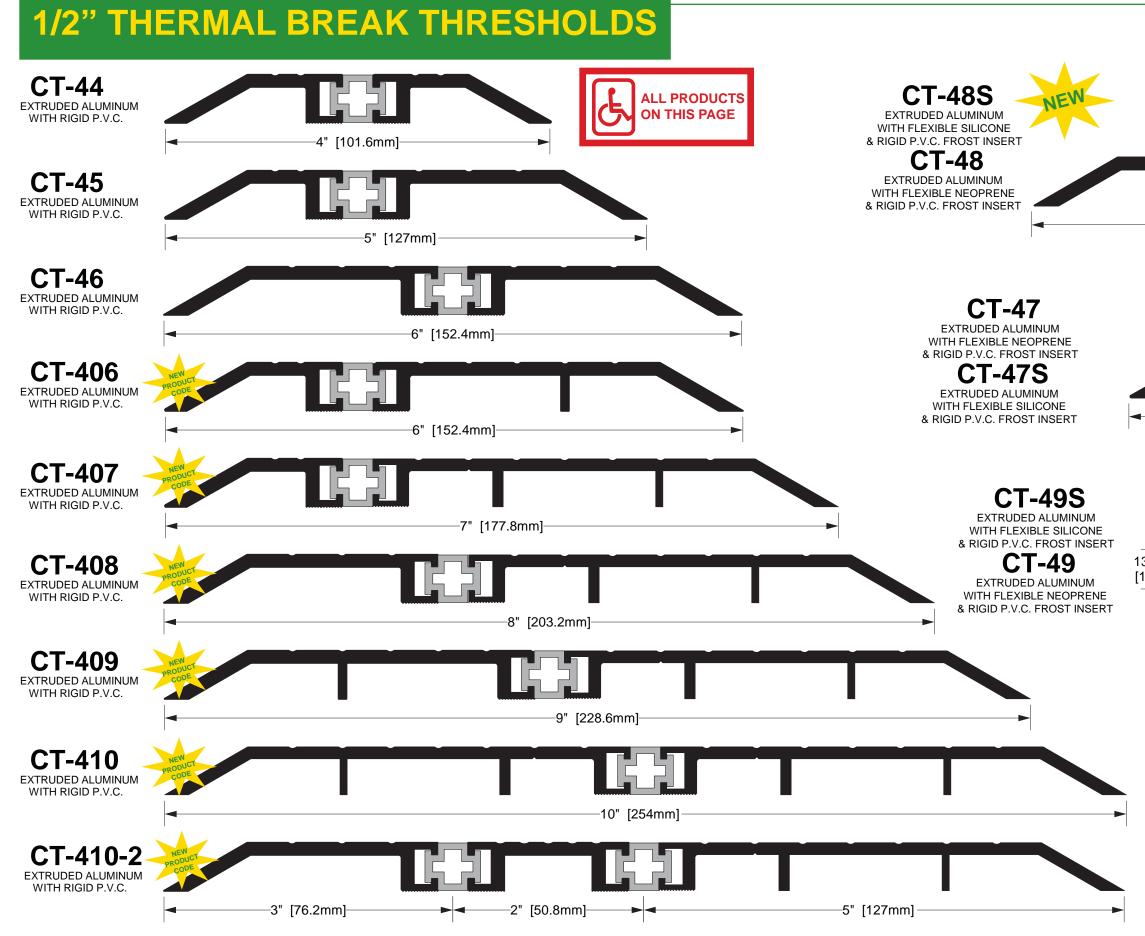


### 1/4" THERMAL BREAK THRESHOLDS

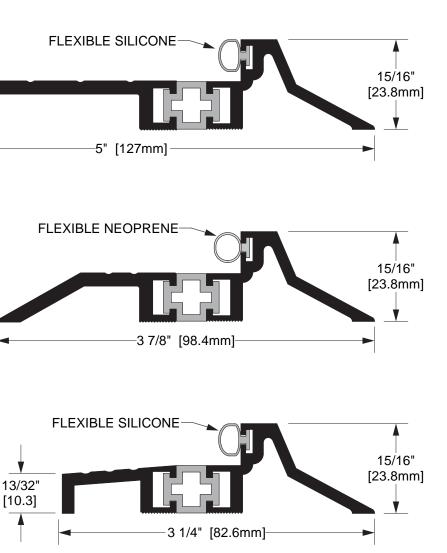




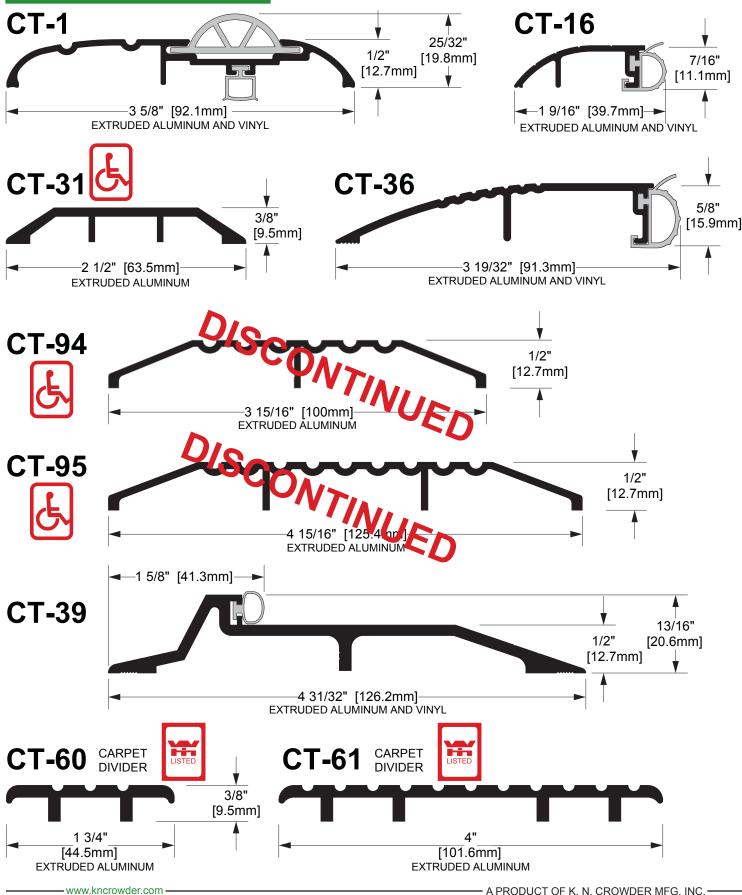
- www.kncrowder.com-

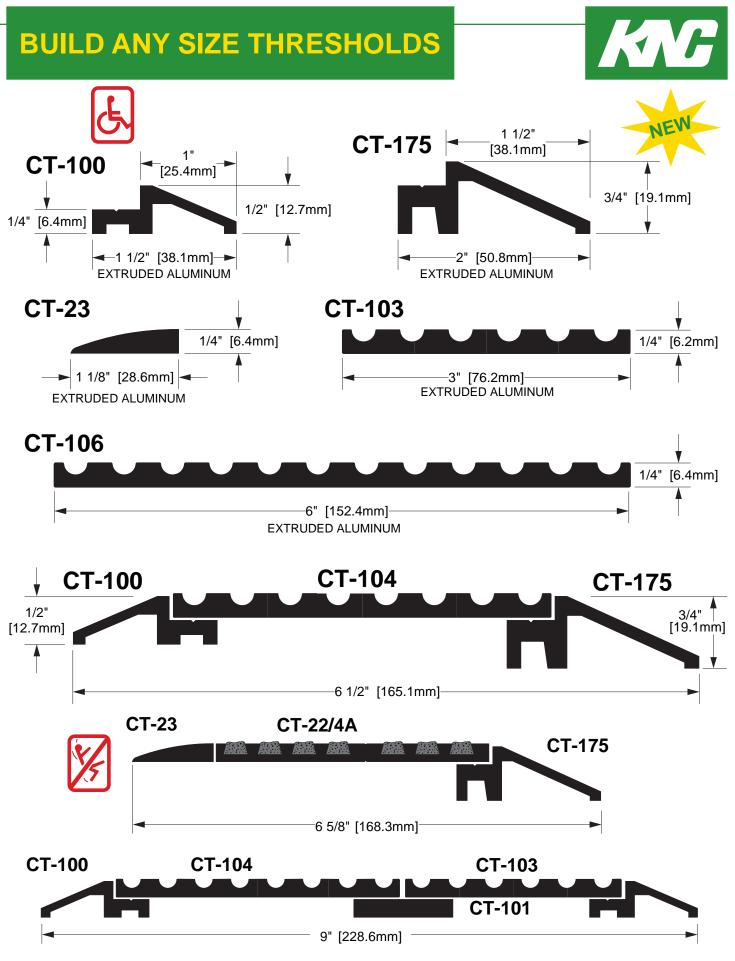




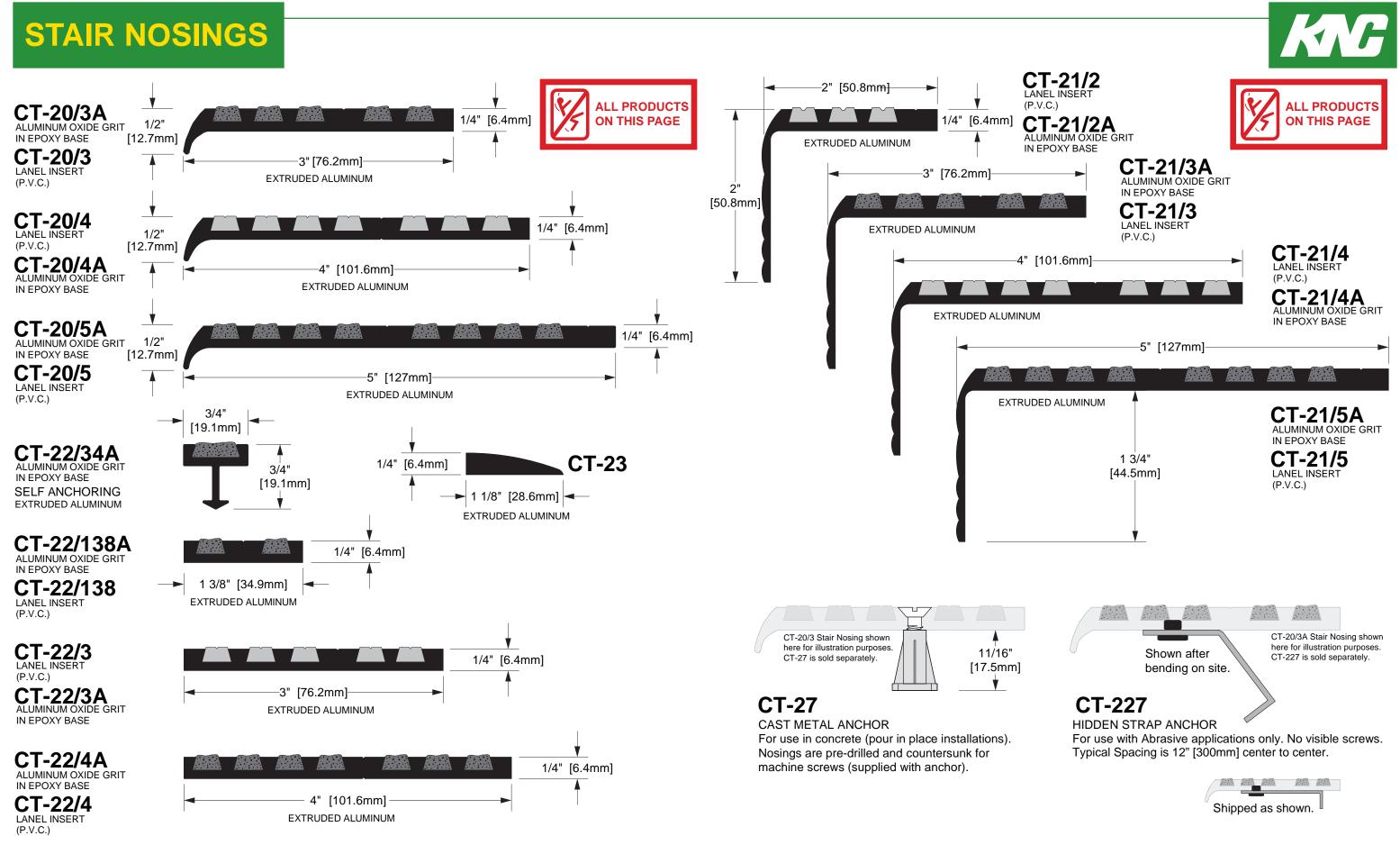


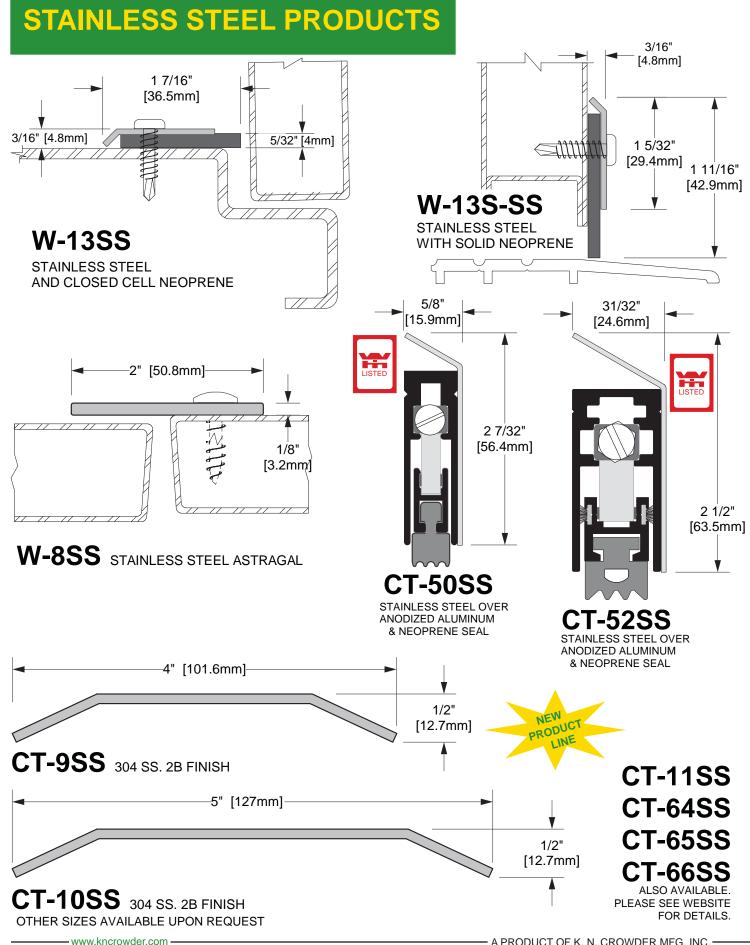
## **THRESHOLDS**





## **STAIR NOSINGS**





### **AUTOMATIC DOOR BOTTOMS**



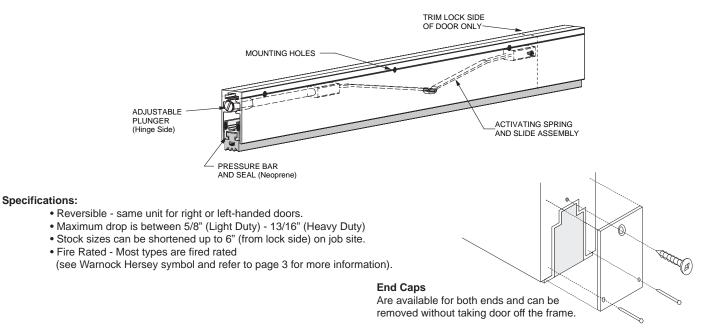
(408 CT 52 Shoun with CT 10 Theshoug

#### K. N. Crowder Mfg. Inc.

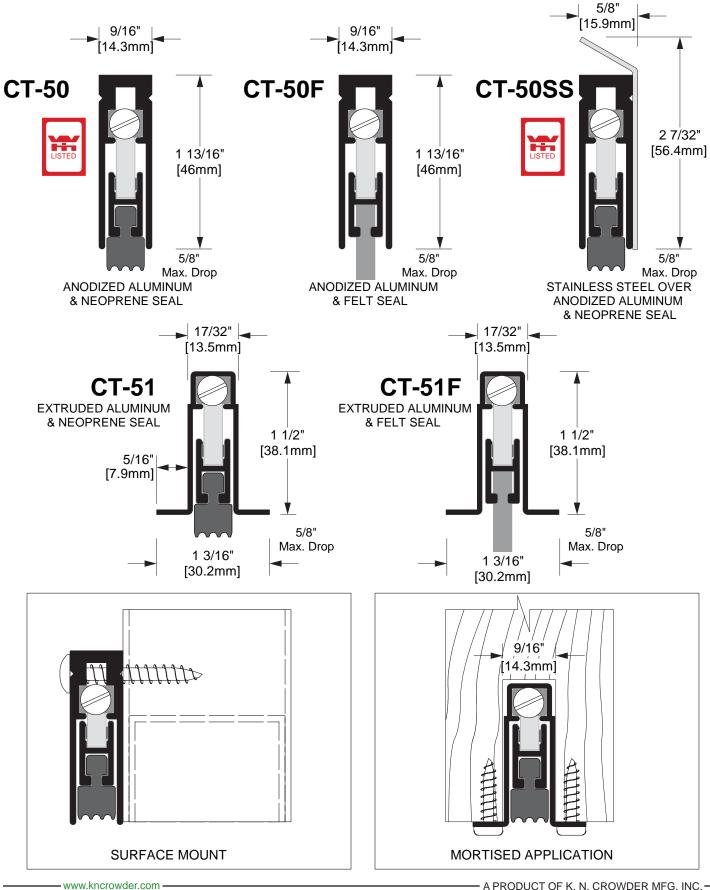
Where else but in Canada with its extreme variations of climate could one better choose for the testing and the use of Automatic Door Bottoms. We at K. N. Crowder with the help and concern of Architects and Contract Hardware Consultants, are dedicated to supply products that meet or exceed these demands. We have been doing it for over 65 years!

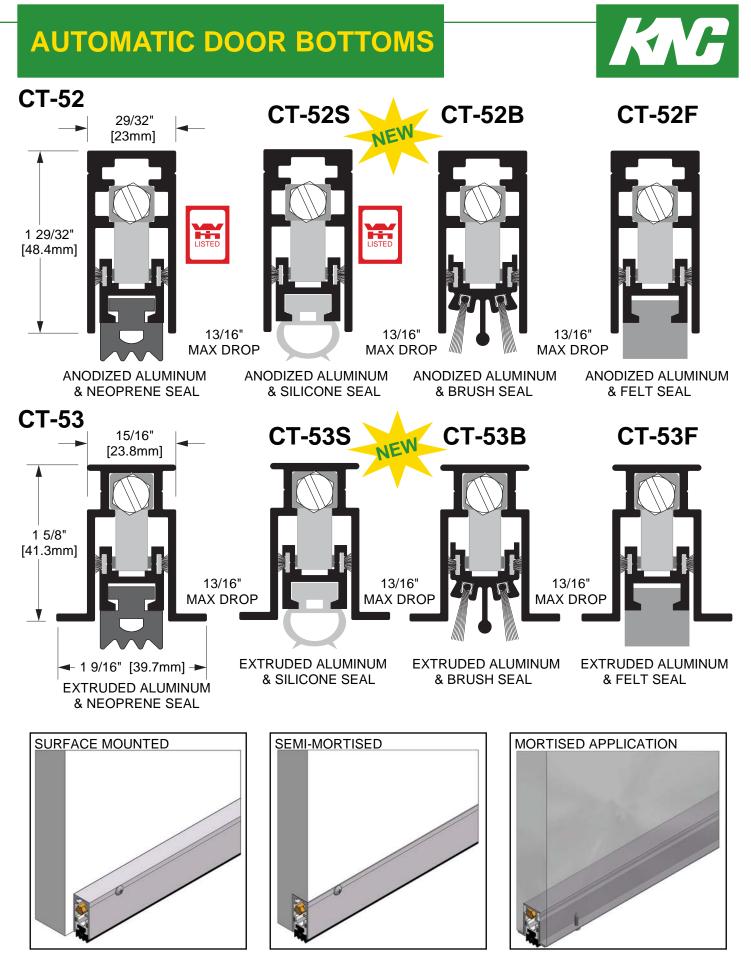
When nothing but the best will do...for the bottom of your doors...

Our Automatic Door Bottoms (ADB) are made from extruded aluminum combined with closed cell sponge neoprene, silicone, felt, or brush. Activation occurs when the plunger is depressed against the door frame, sealing out draft, sound and light. When the door is opened the seal immediately retracts.



### **AUTOMATIC DOOR BOTTOMS**





- 100% CANADIAN OWNED AND OPERATED -

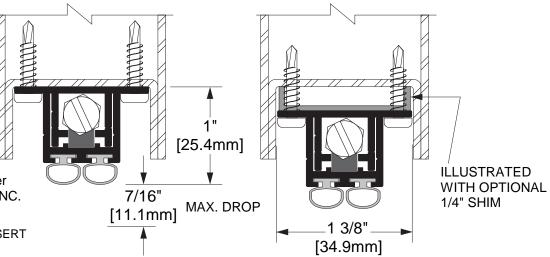
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### **AUTOMATIC DOOR BOTTOMS**

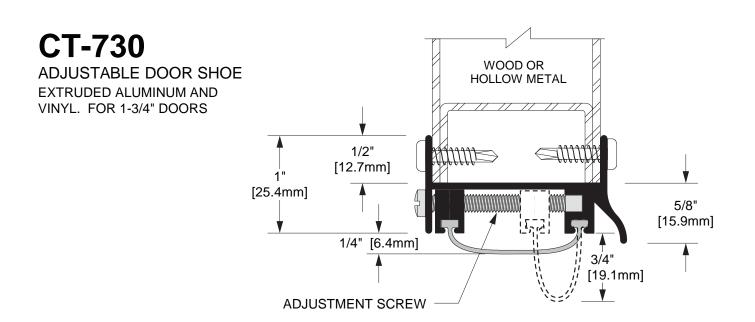


Designed to fit the recess of a standard hollow metal door. Available from stock sizes of 24", 30", 36", 42" and 48". Stock sizes can be shortened up to 6" except 24" which can be shortened to 21". Longer and shorter sizes fabricated to order - contact KNC.

CT-54N C/W NEOPRENE INSERT (NOT FIRE RATED)



### ADJUSTABLE DOOR SHOE



1 3/16" FOR [30.2mm] 1-3/4" DOORS ONLY 1 1/16" 🥬 7/8" [27mm] 1 3/8" 5/8" 1 1/8" [22.2mm] [34.9mm] [15.9mm] [28.6mm] 1/2" 1/4" [12.7mm] SSIE 3/8" 3/8" [6.4mm] [9.5mm] 1/2" [9.5mm] [12.7mm] CT-745 EXTRUDED ALUMINUM & VINYL CT-746 EXTRUDED ALUMINUM & VINYL 3/4' **\_111** [19.1mm] 1 1/16" 1 1/4" [27mm] [31.8mm] 1/4" [6.4mm] 1/2" V [12.7mm] 1/4" 1/2" SSIFIE [12.7mm] [6.4mm] CT-748 EXTRUDED ALUMINUM & VINYL CT-747 EXTRUDED ALUMINUM & VINYL 100% CANADIAN OWNED AND OPERATED www.kncrowder.com-

1 3/8" [34.9mm]

CT-55 EXTRUDED ALUMINUM & PILE

1/8"

[3.2mm]

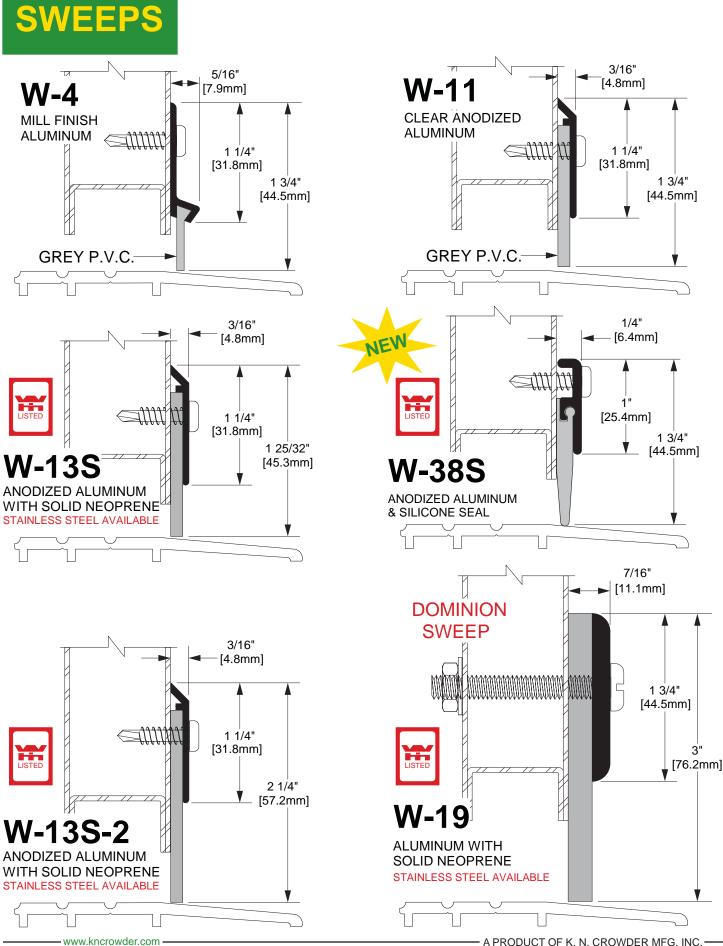
3/8"

[9.5mm]

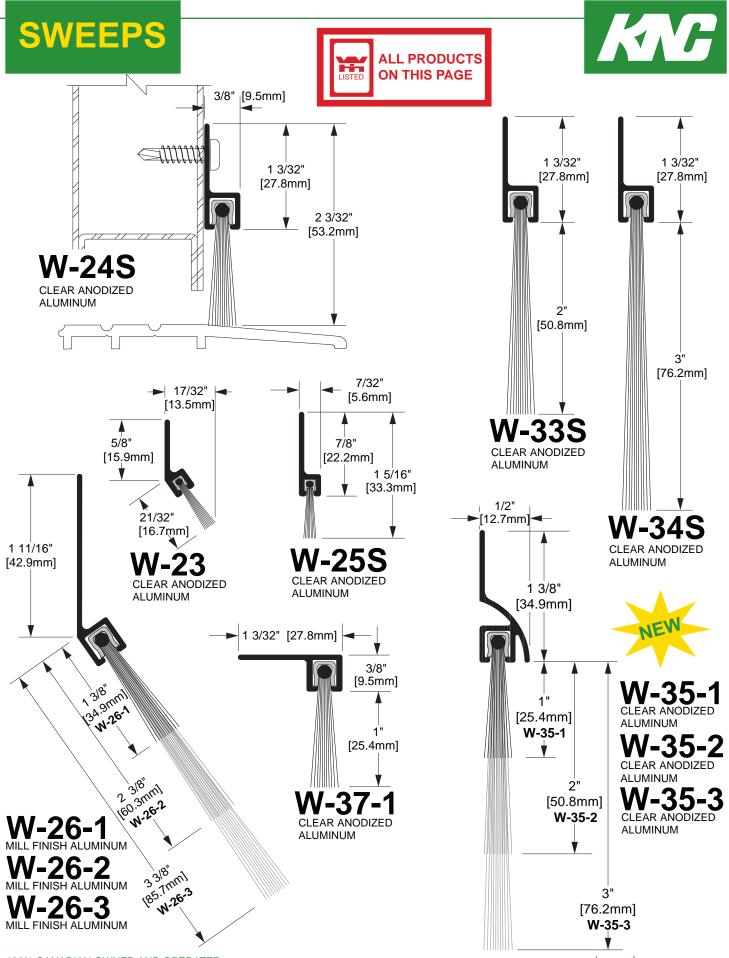
## **DOOR SHOES**

NEW PRODUCT



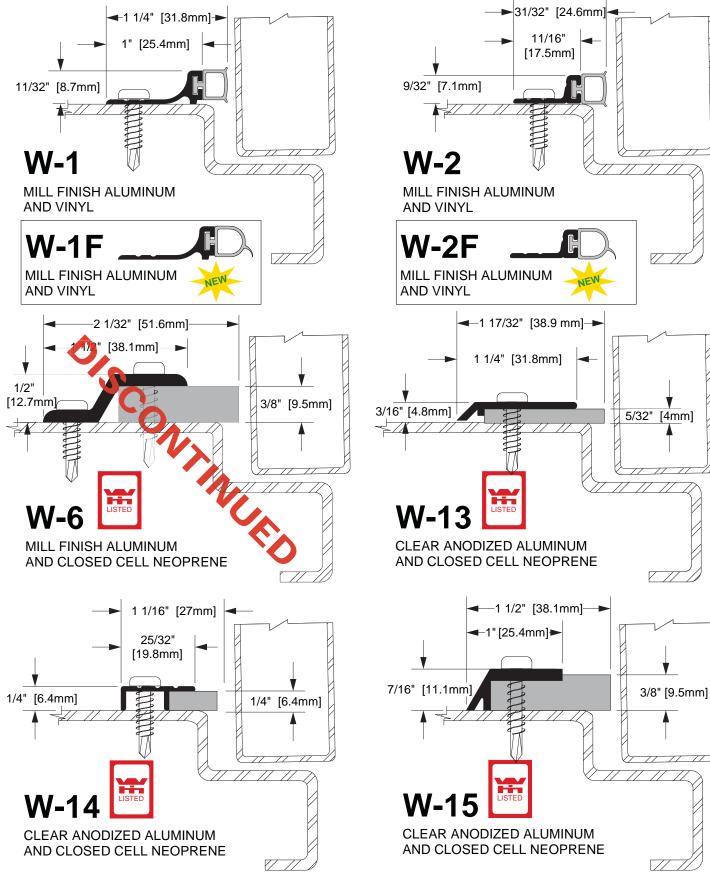


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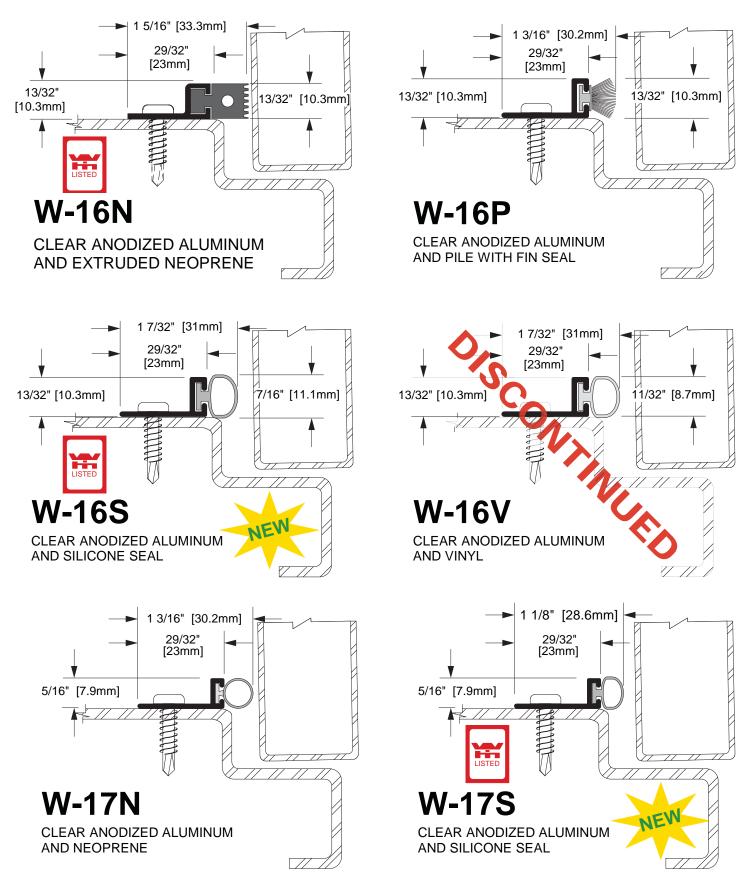


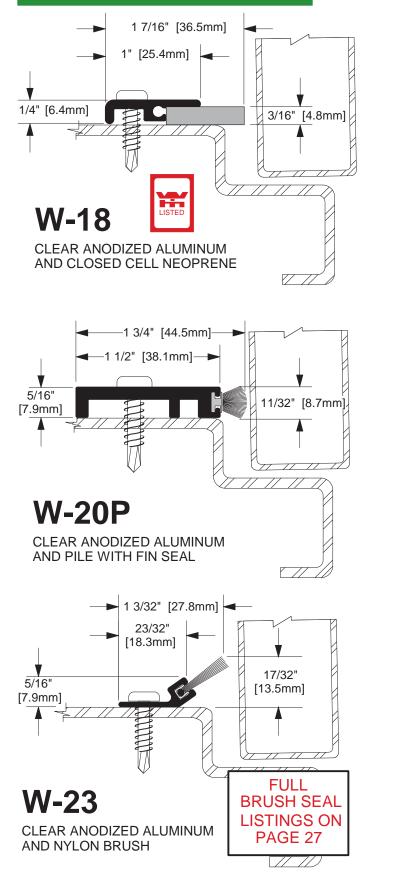
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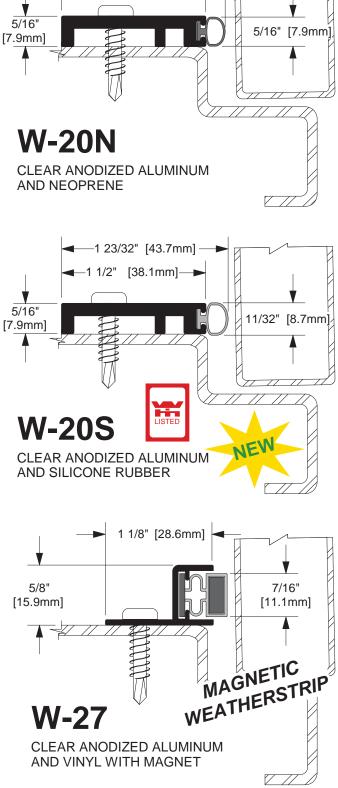
www.kncrowder.com-







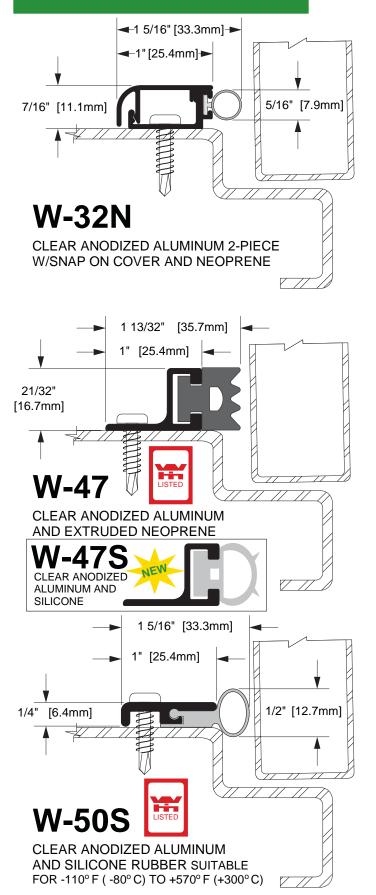


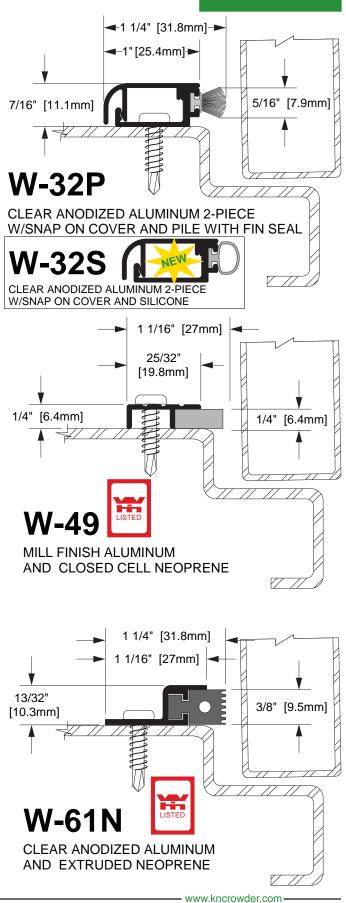


1 11/16" [42.9mm]

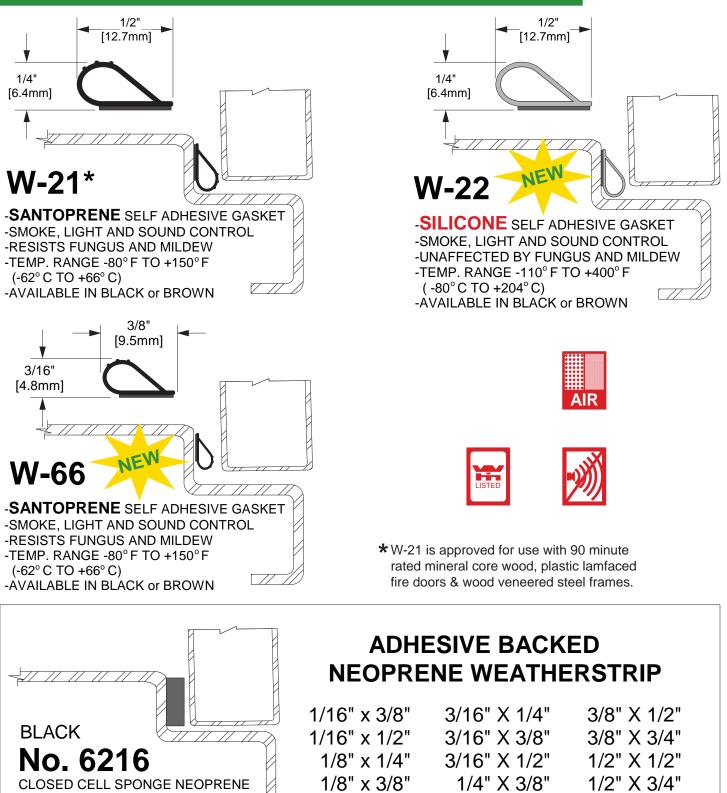
1/2" [38.1mm]







## **SELF ADHESIVE WEATHERSTRIP**



1/8" x 1/2"

CLOSED CELL SPONGE NEOPRENE OIL RESISTANT, LOW WATER ABSORPTION TEMPERATURE RANGE: -70°F TO +250°F (-57°C TO +121°C)

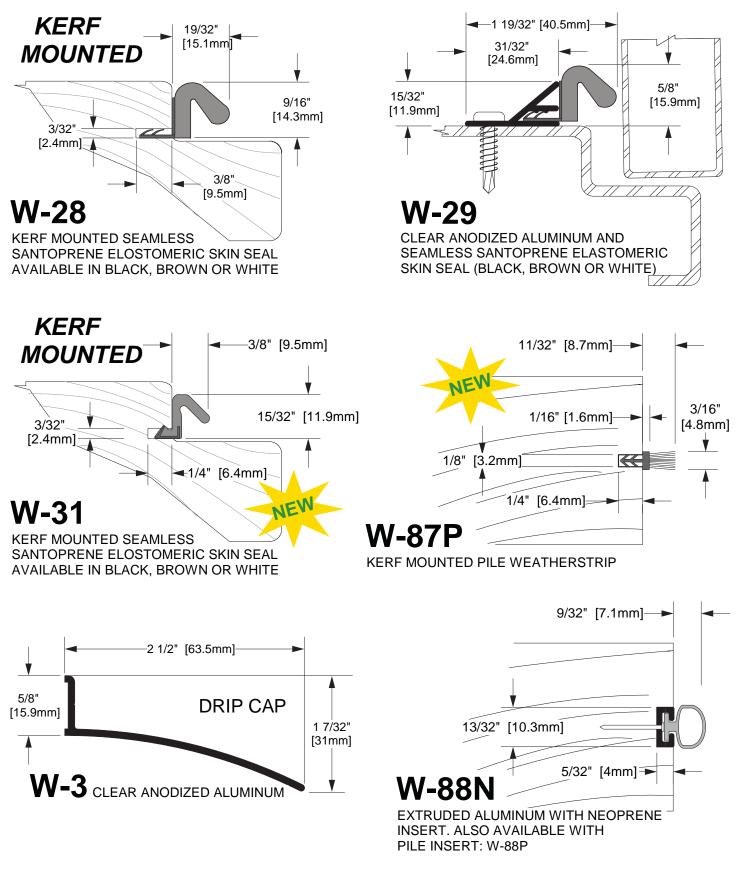
www.kncrowder.com

OTHER SIZES/COLOURS, SPECIAL ORDER: CONTACT OFFICE

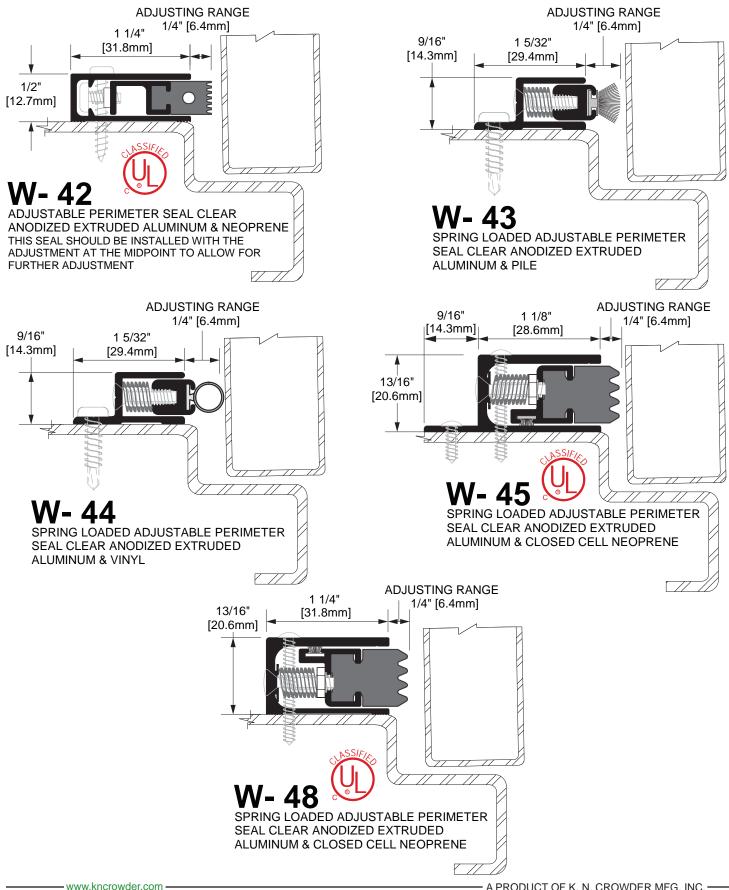
1/4" X 1/2"

1/4" X 3/4"



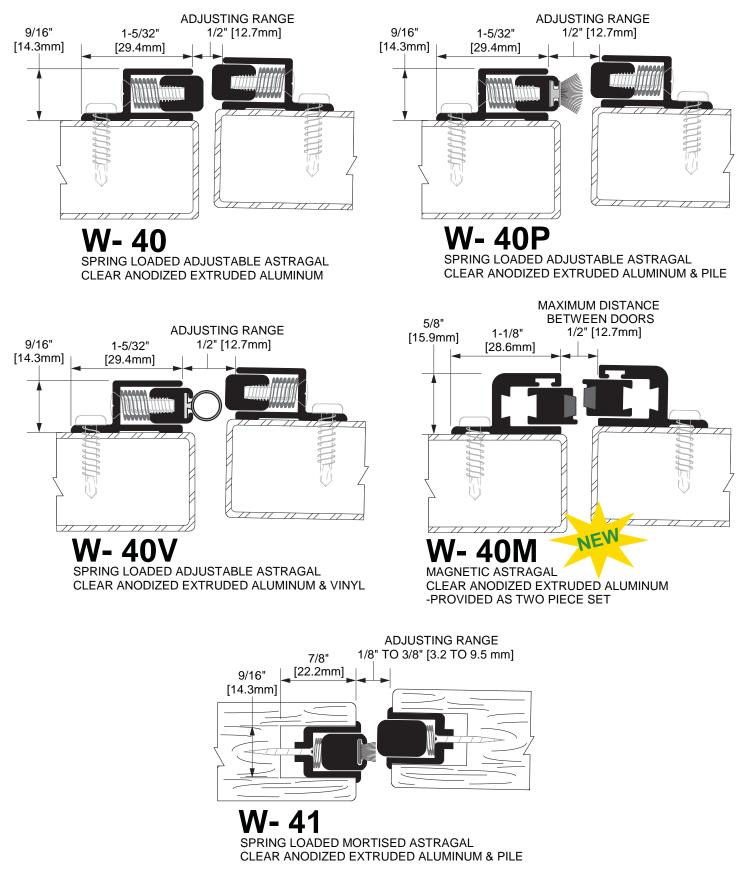


### SPRING LOADED AND USTABLE WEATHERSTRIP

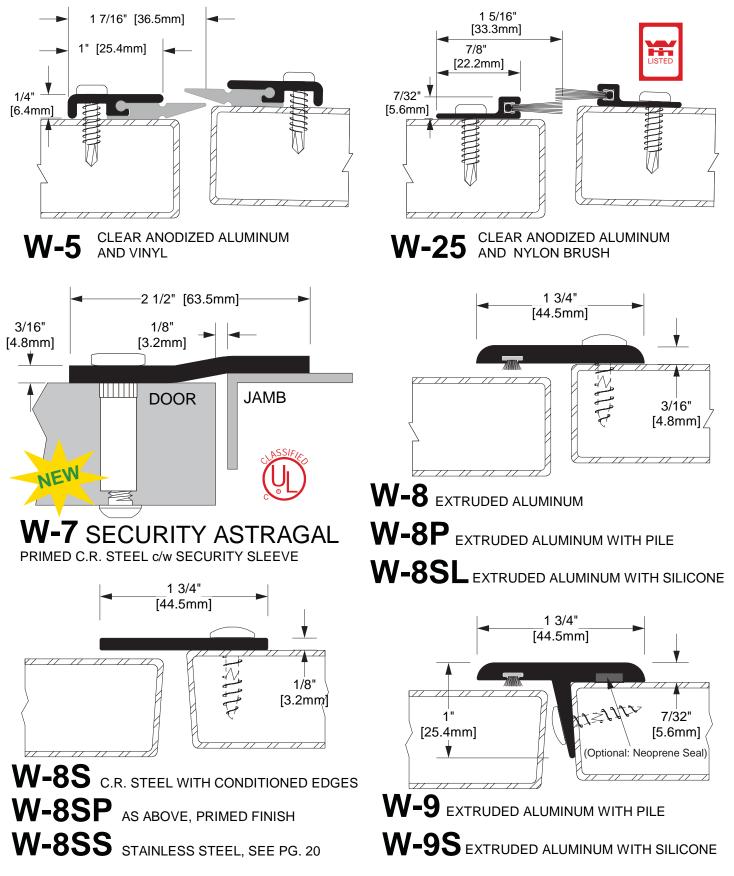


### SPRING LOADED AND ADJUSTABLE ASTRAGALS



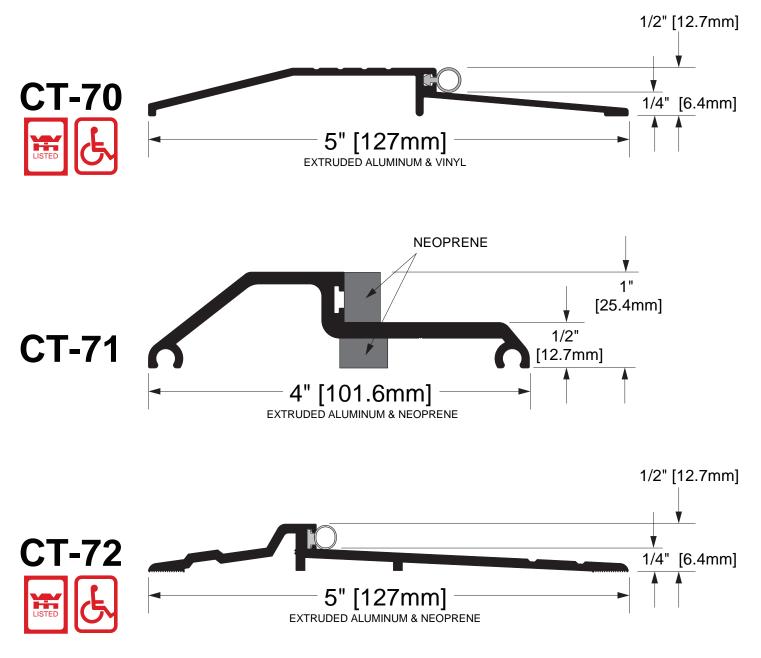


# ASTRAGALS

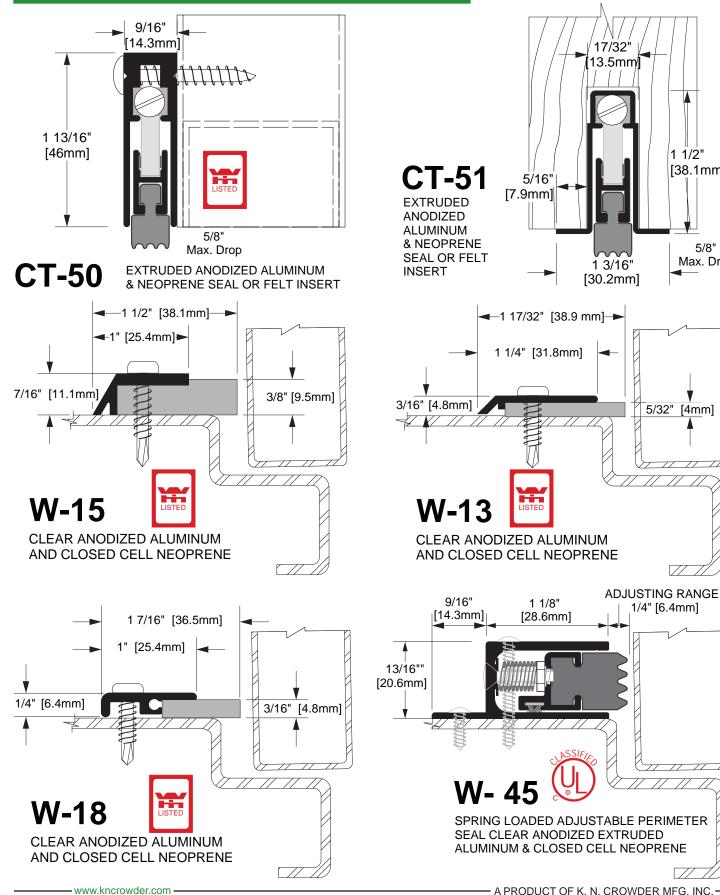




SEALED DOOR STC 30 40 50 60	THRESHOLD	AUTOMATIC DOOR BOTTOM	GASKET/SEAL
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	CT-72	CT-50	W-15
	CT-71	CT-51	W-13



#### **KNC SOUND CONTROL SYSTEM**



- A PRODUCT OF K. N. CROWDER MFG. INC.

1 1/2" [38.1mm]

5/8"

Max. Drop

5/32" [4mm]

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CT-50F	22 & 38

PRODUCT#     PAGE#       CT-51     22 & 33       CT-51F     22       CT-52     23       CT-52B     23       CT-52S     23       CT-52S     23       CT-52S     23       CT-53B     23       CT-53B     23       CT-54     24       CT-55     25       CT-60     16       CT-61     16       CT-61     6       CT-61     6       CT-61     6       CT-64     6       CT-61     6       CT-61     6       CT-63     6       CT-64     6       CT-65     6       CT-66     7       CT-70     37       CT-70     37       CT-70     7       CT-70     8       CT-70     7       CT-70     8       CT-71     37       CT-72     37       CT-74     12	INDE	×.
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CT-69   6     CT-70   37     CT-704   8     CT-705   8     CT-706   8     CT-71   37     CT-72   37     CT-74   12     CT-74   12     CT-745   25     CT-746   25     CT-748   25     CT-75   12     CT-76   12     CT-80   12     CT-80   12     CT-80   12     CT-804   8     CT-81   12     CT-83   12     CT-81   12     CT-83   12     CT-87   12     CT-87   12     CT-80   12     CT-81   12     CT-83   12     CT-80   12     CT-81   12     CT-85   12     CT-9   9     CT-9   9     CT-910   10     CT-911   10     CT-912   10	CT-67	6
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CT-705     8       CT-706     8       CT-71     37       CT-72     37       CT-730     24       CT-74     12       CT-745     25       CT-746     25       CT-748     25       CT-75     12       CT-76     12       CT-80     12       CT-80     12       CT-804     8       CT-805     8       CT-806     8       CT-81     12       CT-83     12       CT-87     12       CT-87     12       CT-87     12       CT-87     12       CT-87     12       CT-9     9       CT-910     10       CT-911     10       CT-912     10       CT-913     10       CT-94     16       CT-95     16       CT-94     16       CT-95     16       CT-95     16	CT-70	37
CT-706     8       CT-71     37       CT-72     37       CT-730     24       CT-74     12       CT-745     25       CT-746     25       CT-748     25       CT-75     12       CT-76     12       CT-80     12       CT-80     12       CT-804     8       CT-805     8       CT-806     8       CT-81     12       CT-83     12       CT-83     12       CT-87     12       CT-9     9       CT-9     9       CT-910     10       CT-911     10       CT-913     10       CT-94     16       CT-95     16       CT-94     16       CT-95     28       W-1 & W-1F     28       W-2 & W-2F     28       W-3     33       W-4     26		8
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CT-805   8     CT-806   8     CT-807   8     CT-808   8     CT-81   12     CT-83   12     CT-86   12     CT-9   9     CT-90   10     CT-910   10     CT-911   10     CT-913   10     CT-914   10     CT-915   10     CT-95   16     CT-95   16     CT-95   20     W-1 & W-1F   28     W-2 & W-2F   28     W-3   33     W-4   26     W-5   36		
CT-806   8     CT-807   8     CT-808   8     CT-81   12     CT-83   12     CT-86   12     CT-9   9     CT-909   10     CT-910   10     CT-912   10     CT-913   10     CT-914   10     CT-95   16     CT-95   16     CT-95   16     CT-95   20     W-1 & W-1F   28     W-2 & W-2F   28     W-3   33     W-4   26     W-5   36		-
CT-807   8     CT-808   8     CT-81   12     CT-83   12     CT-86   12     CT-9   9     CT-90   10     CT-910   10     CT-911   10     CT-913   10     CT-914   10     CT-915   10     CT-94   16     CT-95   16     CT-95   20     W-1 & W-1F   28     W-2 & W-2F   28     W-3   33     W-4   26     W-5   36		-
CT-808   8     CT-81   12     CT-83   12     CT-86   12     CT-87   12     CT-9   9     CT-909   10     CT-910   10     CT-911   10     CT-913   10     CT-914   10     CT-915   10     CT-94   16     CT-95   16     CT-95   20     W-1 & W-1F   28     W-2 & W-2F   28     W-3   33     W-4   26     W-5   36		
CT-81   12     CT-83   12     CT-86   12     CT-87   12     CT-9   9     CT-909   10     CT-910   10     CT-912   10     CT-913   10     CT-915   10     CT-944   16     CT-95   16     CT-95S   20     W-1 & W-1F   28     W-2 & W-2F   28     W-3   33     W-4   26     W-5   36		
CT-83   12     CT-86   12     CT-87   12     CT-9   9     CT-909   10     CT-910   10     CT-912   10     CT-913   10     CT-915   10     CT-944   16     CT-95   16     CT-95   20     W-1 & W-1F   28     W-2 & W-2F   28     W-3   33     W-4   26     W-5   36		
CT-86   12     CT-87   12     CT-9   9     CT-909   10     CT-910   10     CT-912   10     CT-913   10     CT-914   10     CT-915   10     CT-95   16     CT-95   16     CT-95   20     W-1 & W-1F   28     W-2 & W-2F   28     W-3   33     W-4   26     W-5   36		
CT-87   12     CT-9   9     CT-909   10     CT-910   10     CT-911   10     CT-912   10     CT-913   10     CT-914   10     CT-915   10     CT-94   16     CT-95   16     CT-9SS   20     W-1 & W-1F   28     W-2 & W-2F   28     W-3   33     W-4   26     W-5   36		
CT-9   9     CT-909   10     CT-910   10     CT-911   10     CT-912   10     CT-913   10     CT-914   10     CT-915   10     CT-94   16     CT-95   16     CT-9SS   20     W-1 & W-1F   28     W-2 & W-2F   28     W-3   33     W-4   26     W-5   36		
CT-909   10     CT-910   10     CT-911   10     CT-912   10     CT-913   10     CT-914   10     CT-915   10     CT-94   16     CT-95   16     CT-9SS   20     W-1 & W-1F   28     W-2 & W-2F   28     W-3   33     W-4   26     W-5   36		
CT-910   10     CT-911   10     CT-912   10     CT-913   10     CT-914   10     CT-915   10     CT-916   10     CT-95   16     CT-95   16     CT-9SS   20     W-1 & W-1F   28     W-2 & W-2F   28     W-3   33     W-4   26     W-5   36		
CT-911   10     CT-912   10     CT-913   10     CT-914   10     CT-915   10     CT-916   10     CT-94   16     CT-95   16     CT-9SS   20     W-1 & W-1F   28     W-2 & W-2F   28     W-3   33     W-4   26     W-5   36		
CT-912   10     CT-913   10     CT-914   10     CT-915   10     CT-916   10     CT-94   16     CT-95   16     CT-9SS   20     W-1 & W-1F   28     W-2 & W-2F   28     W-3   33     W-4   26     W-5   36		
CT-913   10     CT-914   10     CT-915   10     CT-916   10     CT-94   16     CT-95   16     CT-9SS   20     W-1 & W-1F   28     W-2 & W-2F   28     W-3   33     W-4   26     W-5   36		
CT-915   10     CT-916   10     CT-94   16     CT-95   16     CT-9SS   20     W-1 & W-1F   28     W-2 & W-2F   28     W-3   33     W-4   26     W-5   36		
CT-915   10     CT-916   10     CT-94   16     CT-95   16     CT-9SS   20     W-1 & W-1F   28     W-2 & W-2F   28     W-3   33     W-4   26     W-5   36	CT-914	10
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CT-95   16     CT-9SS   20     W-1 & W-1F   28     W-2 & W-2F   28     W-3   33     W-4   26     W-5   36	CT-916	10
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