





<b>Product Comparison</b> <b>GRADE 1 - Exit Devices</b>		 	 
<b>Precision Hardware - Apex 2000 Series</b> <b>VS</b> <b>Sargent - 80 Series</b>			
<b>Certification &amp; Warranty</b>		<b>80 Series (Specified)</b>	<b>Apex 2000 Series (Proposed)</b>
ANSI A156.3-2001 Grade 1		Yes	Yes
Panic Listed		Yes	Yes
UL10C / UBC 7-2		Yes	Yes
Hurricane Rated		Yes	Yes
Warranty		5 Year	5 Year
Extended Cycle Test		Yes	Yes (10 Million+)
<b>Construction</b>		<b>80 Series (Specified)</b>	<b>Apex 2000 Series (Proposed)</b>
Base Metals on Finished Parts		Stainless Steel, Brass & Bronze	Stainless Steel, Brass & Bronze
Antimicrobial Protection Available		Yes	Yes
AntiVandal Trim		Yes	Yes
Deadlocking Latchbolt		Standard	Standard
Latchbolt Projection		3/4"	3/4"
Active Case Assembly		N/A	Investment Cast Steel
Sound Dampening		N/A	Rubber Sound Dampeners
Beveled Touchpad End Caps		No	Yes
Projection (Neutral)		3 "	3 - 1/4"
Projection (Depressed)		2 - 1/8"	2 - 3/8"
Dogging Feature		Hex Dogging Standard	Hex Dogging Standard
<b>Installation</b>		<b>80 Series (Specified)</b>	<b>Apex 2000 Series (Proposed)</b>
Mullion Stabilizers		Standard	Standard
Field Reversible		Yes	Yes
Retrofits to Other Devices		No	Yes
Standard Strike		Roller Type	Investment Cast Stainless Steel
Device Functions		Field Selectable	Field Selectable
Shim Kit Required for 1/4" Frame		Yes	No
Fasteners		Wood and Metal Screws Std.	Wood and Metal Screws Std.
<b>Notes</b>			
N/A means either Not Available or Information has not been located			
This is a general comparison of like products.			
Consult Manufacturer Catalog for Detail and Accuracy			

## WARRANTY

**What is Covered:** Stanley Security Solutions, Inc. ("Stanley") warrants that all Products manufactured by Stanley and sold under its trade name "PRECISION HARDWARE" are free of defects in materials and workmanship as outlined below. The sole and exclusive liability of Stanley under this warranty is limited to the repair or replacement of any Product or component part covered by the warranty at the sole discretion of Stanley.

**Who is Covered:** This warranty is extended only to Stanley's distributors of products and the end user who purchases products for purposes other than resale (collectively, "Purchaser").

**Hardware Warranty Period:**

- **Precision Hardware Exit Devices mechanical products** shall be warranted for (5) years from the date of sale.
- **Precision Hardware Exit Devices electrical products** shall be warranted for one (1) year from the date of sale.
- **Finishes** shall be warranted for three (3) years from the date of sale excluding US10B/613 "Oil Rubbed Bronze" finish.

**Stanley Wi-Q™ Technology and B.A.S.I.S. Software:**

- Stanley warrants that all software shall be free from defects in materials and workmanship and will function in substantial accordance to the specifications for a period of one (1) year from the date of installation.
- Specific Limitations:
  - This warranty does not cover any post-sales technical support under the following circumstances:
    - Problems caused by misuse of software or hardware
    - Failure to provide a network connection or site phone line for a modem connection, if deemed necessary by Stanley
    - Technical support for network software products
    - Technical support for software installed on computer hardware or computer operating system that is no longer commercially available for purchase.

**Warranty Claims:** Any Products believed to be defective as covered by this warranty may not be returned without prior written Returned Materials Authorization (RMA) from Stanley Product Support (800) 392-5209 covering specific items and quantities within thirty (30) days from the discovery of the alleged defect(s). Stanley will inform the purchaser where to ship said Product(s), shipping charges prepaid by you, for examination. In the event such examination reveals a defect covered by this warranty, Stanley will, at its sole option, repair or replace the Product, and return it or its replacement to the purchaser, with charges only for shipping.

**Exclusions:** This warranty specifically excludes, and Stanley shall not be held responsible for the following:

- a) **COSTS ASSOCIATED WITH INSTALLING, REMOVING OR REINSTALLATION OF THE PRODUCT.**
- b) Damage caused by Product malfunction or failure attributable to acts of God.
- c) Improper use or installation.
- d) Poor or no maintenance.
- e) Work performed by other than an Authorized Stanley technician.
- f) Failure to follow Stanley's operating instructions or environmental specifications.
- g) Incorrect application, modification, vandalism, erosion or corrosion, shipping and/or handling, improper storage, accident, misuse, abuse or any other cause not within the control of Stanley other than ordinary wear and tear.
- h) This warranty is void if any modification is made to the warranty product, regardless of whether the modification causes or contributes to the alleged defect. All modifications are made at the risk and expense of the party making the modifications.
- i) The company shall not be liable for any repairs, replacements, or adjustments to the product or any costs of labor performed by the purchasers or others without the Company's prior written approval.
- j) Stanley provides no warranty or guarantee that its cores and/or cylinders will function properly or be mechanically compatible with products not manufactured by Stanley.
- k) The US10B/613 finish is considered to be a living finish that will change over time with use and age and is expressly excluded from this warranty. The finish changes that occur are indicative of normal wear and tear and reflect the essence of a living finish. The finish changes are not considered manufacturing defects and are not covered by this warranty.

**Third Party Warranty:** Except as otherwise provided above, Stanley makes no warranty, express or implied, with regard to third party hardware or software and expressly disclaims the implied warranties or conditions of merchantability or merchantable quality, fitness for a particular purpose, title, infringement and those arising by statute or otherwise in law. Customer's sole recourse for warranty claims is with the manufacturer of the Product. However, Stanley agrees to pass through any third party warranty that Stanley receives from the manufacturer of the Products to buyer. The extent of any third party warranty details, terms and conditions, remedies and procedures may be expressly stated on, or packaged with, or otherwise accompanying the Products.

**LIMITATION OF WARRANTIES:** THIS WARRANTY IS GIVEN EXPRESSLY AND IN PLACE OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. THERE ARE NO UNDERSTANDINGS, AGREEMENTS, REPRESENTATIONS, OR WARRANTIES NOT SPECIFIED HEREIN.

STANLEY SHALL NOT, IN ANY EVENT, BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, INDIRECT, SPECIAL OR PUNITIVE DAMAGES SUFFERED BY PURCHASER OR ANYONE CLAIMING BY, THROUGH OR UNDER PURCHASER, AS A RESULT OF THE CONDITION OF THIS PRODUCT, OR ANY PART OR PORTION THEREOF.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR PROHIBIT THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION AND EXCLUSIONS MAY NOT APPLY IN YOUR STATE.

THIS WARRANTY IS GOVERNED BY THE LAW OF THE STATE OF INDIANA WITHOUT REGARD TO ITS CONFLICTS OF LAW PRINCIPLES. STANLEY AND PURCHASER AGREE THAT THE UNITED NATIONS CONVENTION ON CONTRACTS FOR THE INTERNATIONAL SALE OF GOODS SHALL NOT APPLY TO SALE OF THE PRODUCTS COVERED BY THIS WARRANTY.

# 10 MILLION CYCLES

## SIMPLY OUTSTANDING



**Precision Hardware Exit Devices**

### **Recent testing has confirmed what many industry professionals have known for years.**

The Precision Hardware Apex 2000 Series is the most reliable exit device product available. Incorporating unmatched design and construction features, the Precision Hardware Apex 2000 Series exit devices have been the preferred products for many of the nation's educational, healthcare, retail, transportation and hospitality facilities. Since 1946, architectural hardware consultants and facility managers have come to rely on the dependable performance of the Precision Hardware product offering.



[PRECISIONHARDWARE.COM](http://PRECISIONHARDWARE.COM)

Customer Service 1-800-392-5209

**STANLEY**

**phi**

# PRECISION HARDWARE APEX 2000 SERIES

## Universal Function

Stock Friendly/Field Reversible

## Smooth Contour

No exposed fasteners

## Low Profile End Caps

No Pinch Point/Garment Snags

## True Architectural Finishes

Durable and Aesthetically Pleasing

## Rubber Bumpers

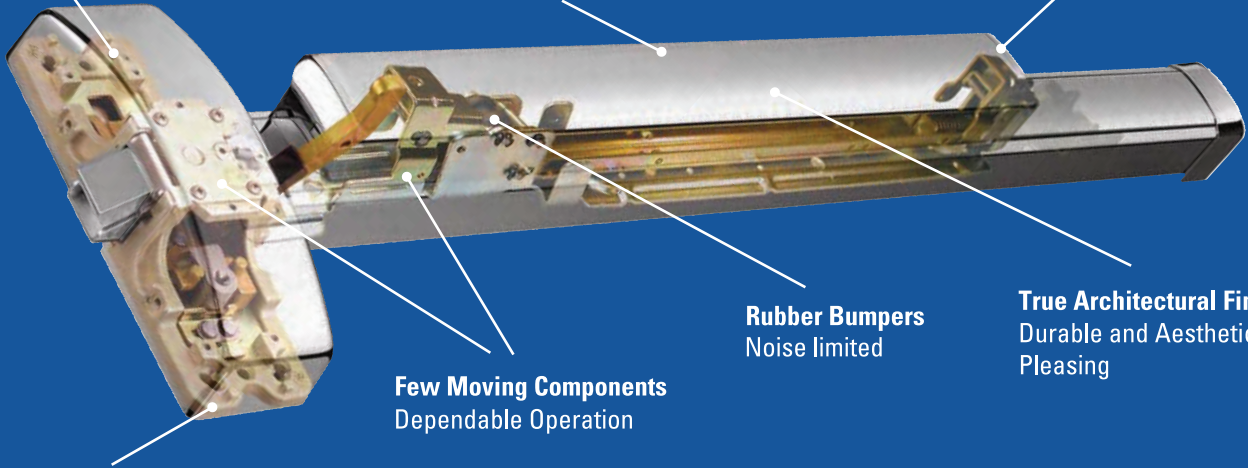
Noise limited

## Few Moving Components

Dependable Operation

## Investment Cast Construction

Maximum protection against forced entry



## Precision Hardware Exit Devices

**Precision Hardware offers a comprehensive line of UL Listed and ANSI/BHMA Grade 1 exit devices for a variety of egress applications.** Precision Hardware exit devices have a solid reputation for strength and reliability; all working mechanisms are encased in a heavy-duty solid brass, bronze, aluminum or stainless steel housing incorporating true architectural finishes.

During recent testing, the Apex 2100 rim type exit device successfully completed TEN MILLION operational cycles far exceeding the minimum 500,000 cycles required by Grade 1 standards. Prior to the initial testing and after each subsequent millionth cycle, a test audit was performed by an authorized UL inspector. In doing so, the Apex 2100 was confirmed to have maintained the necessary loaded and unloaded operational force requirements as defined in the ANSI/BHMA 156.3 Grade 1 test procedures.

*Our continued commitment to providing the best quality builders hardware has been achieved through collaborative customer feedback and a continued commitment towards product improvement.*



- BHMA Certified ANSI 156.3 Grade 1
- U.L. Listed 3 Hour Fire Label
- ADA Compliant
- True Architectural Finishes on Brass, Bronze, and Stainless Steel Base Materials
- Investment Cast Construction
- Vandal Resistant Lever Trim – *No Lever Reset Required*
- Multiple Functions and Styles with a Complete Range of Electro-Mechanical Features

PRECISIONHARDWARE.COM

Customer Service 1-800-392-5209





**1700A**

"A" Grip

**1700B**

"B" Grip

**1700C**

"C" Grip

**2000C**

"C" Grip



1. All Trims are furnished with wrought plates and extruded or cast solid grips.
2. Specify Grip Design (A,B,C) ("A" Grip furnished standard for 1700 Series Trim, "C" Grip furnished standard for 2000 Series Trim)
3. 630 Trim is furnished for 628 Devices.

**Retrofit Applications**

The R1700 Series Trim is designed to retrofit into other manufacturers' installations when used with the wide stile Apex Series Devices.

**Consult factory for details.**

**4900A**

"A" Lever

**4900B**

"B" Lever

**4900C**

"C" Lever

**4900D**

"D" Lever

**4900K**

"K" Knob

**V4908A****Vandal Resistant Trim**

A heavy duty lever trim designed to withstand abuse and vandalism. Composed of extra strength shock-absorbing "overload" springs and heavy duty investment cast stainless steel internal components. Lever returns to the "home" position eliminating the need to reset the lever.

**Retrofit Applications**

The R4900 Series Trim is designed to retrofit into other manufacturers' installations when used with the wide stile Apex Series Devices.

**Consult factory for details.**

1. All the escutcheons and levers are castings or forgings.
2. Specify Lever or Knob Design (A,B,C,D,K) and Handing ("A" Lever x RHRB furnished standard)
3. 626 Trim furnished for 628 and 630 Devices.
  - For Trim dimensions see page 38.
  - Trims are BHMA certified for ANSI 156.3, Grade 1.
  - Trims are through bolted and will cover 161 and 86 cutouts (except for 2000C Trim).
  - Cylinder, Rim Type, not furnished standard. For cylinder details see page 19.

ANSI Function	01	02	03	05	08	10*	14	15
	Exit Only (cover plate)	Dummy Trim	Key Retracts Latchbolt	Key Locks/Unlocks Thumbpiece	Key Locks/Unlocks Lever/Knob	Double Cylinder Inside Key Locks/Unlocks Lever/Knob	No Cylinder Lever/Knob Always Active	No Cylinder Thumbpiece Always Active
<b>Device Nos.</b>	2101 FL2101	2102	2103** FL2103**	2105 FL2105	2108 FL2108	2110 FL2110	2114 FL2114	2115 FL2115
<b>Trim Nos.</b>	1701 R1701	1702A R1702A	1703A R1703A	1705A R1705A	4908A V4908A	4908A V4908A	4914A R4914A	1715A R1715A
	2101	2102C	2103C	2105C	R4908A	R4908A		2015C
	4901 R4901	4902A R4902A	4903A R4903A		RV4908A	RV4908A		

**Device with Trim:**

Device No. \_\_\_\_\_

Add **Prefix** for options,  
see page 4.Add **Suffix**: for options, see page 4.Add **Prefix**: "V" Vandal Resistant Lever Trim  
"R" Retrofit TrimAdd **Suffix**: Lever or Knob Design (A,B,C,D, K)  
Grip Design (A,B,C)Add **Suffix**: "KNR" Knurled Lever or Grip**TS2108CD x V4908AKNR x RHRB x 630 x S300 x 3'-0" x 7'-0" x 1-3/4"**

Device w/options

Trim No.

Hand

Finish

Strike

Door Size

**Device Only:** Device no., hand, finish, strike, and door size including thickness:  
(e.g. TS2108CD x RHRB x 630 x S300 x 3'-0" x 7'-0" x 1-3/4")

**Trim Only:** Trim no., hand, finish, strike, and door size including thickness: (e.g. V4908A x RHRB x 626 x 1-3/4")

\* "10" Function is handed

\*\* 2103 & FL2103 x Cylinder Only Application includes Cylinder Attachment Kit "CA-03"