Concealed Vertical Rod Exit Devices

Precision 2800 Series - Reversible
Precision FL2800 Fire Exit Series - Reversible

S519



S460

Doors – For all types of single and double door applications. Available for 1-3/4" to 2-1/4" thick, up to 4'-0" wide by 10'-0" high openings. For thicker doors, consult factory. Furnished standard for 1-3/4" thick, 3'-0" wide by 6'-8"to 8'-0" high openings.

Functions – Functions are field selectable. The device is furnished for a desired function if specified. If not specified the "03" function is furnished standard.

Base Material – The Cover, Touchbar, Device Channel, Lock/Hinge Side Filler and End Cap are furnished of heavy wrought Brass, Bronze or Stainless Steel. US28 Devices are furnished with Aluminum, Brass, Bronze and Stainless Steel components. See "Base Material and Finish Chart" on page 3.

Chassis – Lock Stile Assembly - Investment Cast Steel, Zinc Dichromated.

Vertical Rods – Steel, plated. Top Rod is adjustable from 6'-8" to 8'-0" or from 8'-1" to 10'-0".

Top Latchbolt – Stainless Steel, Deadlocking, 3/4" throw.

Bottom Bolt – Steel plated, independent action 5/8" throw, with adjustment range to suit 3/4" door undercut.

Top Strike – No. S519 Surface applied, Investment Cast Stainless Steel, Black Powder Coated.

Center Chassis – Steel plated, heavy wrought Steel Assembly with lock in place Top and Bottom Latch Adjustors. Adjustment accessible through the door after installation.

Bottom Strike – No. S460, Flush mounted, Steel, Black Powder Coated.

Dogging – 1/4" turn hex key dogging standard.
NOT available on Fire Exit Hardware.

Touchbar Height – 39-15/16" from floor standard. Specify required height if other than standard.

Reversible – Reversible for all functions and trims.Standard packaging RHRB.

UL Listed – Panic and Fire Exit Hardware. For FIRE EXIT HARDWARE Ratings see page 34. Conforms to UL10C and UBC 7-2.

ANSI/BHMA – Devices are BHMA certified for ANSI 156.3, Grade 1.

Finishes –

605	606	612	613	622
625	626W	628	630	690

For Finish description see page 3.

Cylinders – Rim Type, not furnished standard. Specify when required. For cylinder details see page 19.

Stile Width – See Stile Information on page 37.

Less Bottom Rod (LBR) Option – Specify suffix "LBR" (e.g. 2703LBR). See UL FIRE LABEL RATING Chart on page 34. Fire Rated Devices include FB277 Fire Bolt Assembly. For Fire Bolt Assembly image see page 36.



Device Options

Prefix	Description	Page
C	Quick Connect Plugs	40
DE	Delayed Egress	25
E	Electric Device	29
ELR	Electric Latch Retraction	23
FL	Fire Exit Hardware	16
HC	Windstorm and Hurricane Code Device	21
LS	Latchbolt Monitoring Switch	30
MLR	Motorized Latch Retraction	41
TDS	Touchbar Monitoring Double Switch	30
TS	Touchbar Monitoring Switch	30
WTDS	Weatherized Touchbar Mon. Dbl. Switch	30
WTS	Weatherized Touchbar Monitoring Switch	30

To specify add Prefix to Device No. (e.g. TS2103)

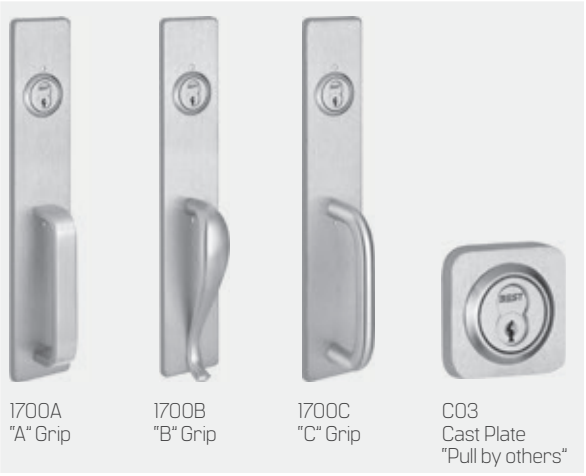
Suffix	Description	Page
ALK	Exit Alarm: battery operated	28
ALW	Exit Alarm: remote power	28
BRL	Braille Touchbar	36
CD	Cylinder Dogging	19
DS	Door Position Monitoring Switch	30
LBR	Less Bottom Rod	12
LD	Less Dogging	19
SEC	Security Screws	3
SNB	Sex Nut and Bolt	3
WALW	Weatherized Exit Alarm: remote power	28

To specify add Suffix to Device No. (e.g. 2103CD)

Trims

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 C1700 Series Trim)
3. 630 Trim is furnished for 628 Devices.
4. 626 Trim is furnished for 626W Devices

The CVR2803 with "Pull by Other" must be specified with No. C03 Cylinder Attachment Trim to secure the Rim Cylinder. Specify finish.



1700A "A" Grip | 1700B "B" Grip | 1700C "C" Grip | C03 Cast Plate "Pull by others"

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 Precision Series Devices.
Consult factory for details.



4900A "A" Lever | 4900B "B" Lever | 4900C "C" Lever | 4900D "D" Lever | 4900K "K" Knob

- For Trim dimensions see page 39
- 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.

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 626W, 628 and 630 Devices

ANSI Function	01 Exit Only (cover plate)	02 Dummy Trim	03 Key Retracts Latchbolt	05 Key Locks/Unlocks Thumbpiece	08 Key Locks/Unlocks Lever/Knob	14 No Cylinder Lever/ Knob Always Active	15 No Cylinder Thumbpiece Always Active
Device Nos.	2801 FL2701	2802	2803* FL2803*	2805 FL2805	2808 FL2808	2814 FL2814	2815 FL2815
Trim Nos.	C1701, 4901	C1702A, 4902A	C03, C1703A, 4903A	1705A	4908A, V4908A	4914A	C1715A

Device with Trim:

Device No.

Add **Prefix**: for options, see page 16.

Add **Suffix**: for options, see page 16.

Add **Prefix**: "V" Vandal Resistant Lever Trim, "C" Concealed Vertical Rod – Pull Trim, "R" Retrofit Trim

Add **Suffix**: Lever or Knob Design (A,B,C,D,K) Grip Design (A,B,C)

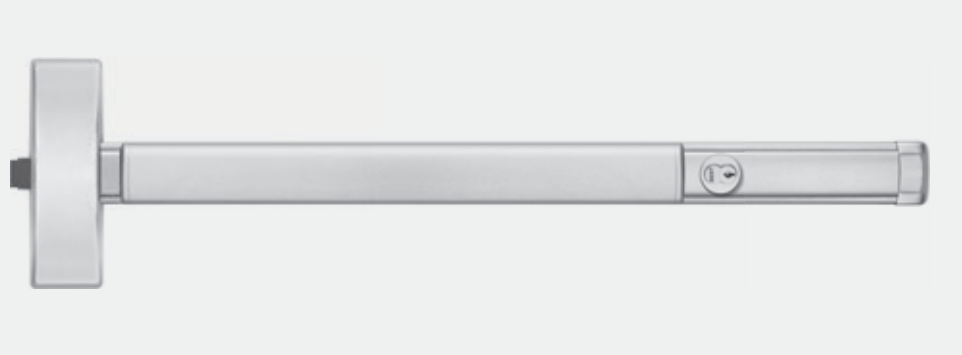
Add **Suffix**: "KNR" Knurled Lever or Grip

TS 2808 CD x V 4908 AKNR 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. TS2808CD x RHRB x 630 x 3'-0" x7'-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")
* 2803 & FL2803 x Cylinder Only Application requires C03 trim.

Cylinder Functions





Cylinder Dogging

Available for all Precision Series Devices except Fire Exit Hardware and Delayed Egress Devices.

Cylinder Dogging provides the ability to lock down the touch bar with a key cylinder so the door can be used in the push/pull mode. To order, specify suffix "CD" (e.g. 2103CD). Requires the use of a 1-1/4" mortise cylinder, not furnished standard. Specify when required.

Less Dogging

Available for all Precision Series Devices except Fire Exit

Cylinder Dogging Kit

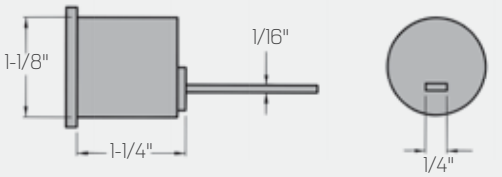
To convert from hex key dogging to cylinder dogging in the field, a cylinder dogging kit is available. The kit consists of a channel filler, blocking ring, cylinder locator and lock nut. Requires the use of a 1-1/4" mortise cylinder, not furnished standard. Specify when required.

To Order: specify CDK-3, NCDK-3 for up to 3-0 and CDK4, NCDK-4 for devices up to 4-0.

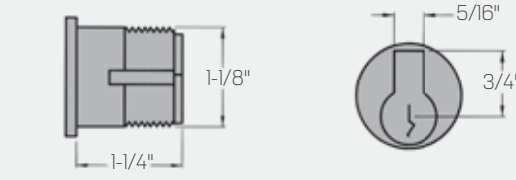
Note: The channel fillers are different lengths for narrow and wide stile devices. "NCDK" - Narrow Cylinder Dogging Kit.

Cylinders

Cylinders are not furnished standard with the device or trim. BEST 7 pin standard. Specify Type and finish when ordering. (e.g. 1E74 x 630)



Rim Cylinder - 1E72 x Finish



Mortise Cylinder - 1E74-C4 x Finish