STANLEY

Security Solutions

# T SERIES

TUBULAR DEADBOLTS

STANLEY

BEST
ACCESS SYSTEMS

DEADBOLT FEATURES

1. No exposed mounting screws standard on 82T/83T double cylinder M function only (available as an option on 82T/83T K, L, and S function)
2. Full 1" stainless steel throw deadbolt
3. Free-turning, wrench-resistant, tapered cylinder ring
4. **82T/83T**-solid extruded brass or bronze cylinder **72T/73T**-solid cast zinc with brass or bronze shell
5. Stainless steel for strength and corrosion resistance
6. Simple installation; self-aligning and reversible strike
7. May be keyed into existing BEST® masterkeyed system
8. The original interchangeable core permits instant, economical re-lock
9. ADA turn lever
10. Deadbolt UL listed for use as auxiliary lock type on 3 hr. fire doors (GWXT). These locks also carry the C-UL mark which is officially accepted in all of Canada, indicating compliance with appropriate Canadian standards and codes. c (UL) us
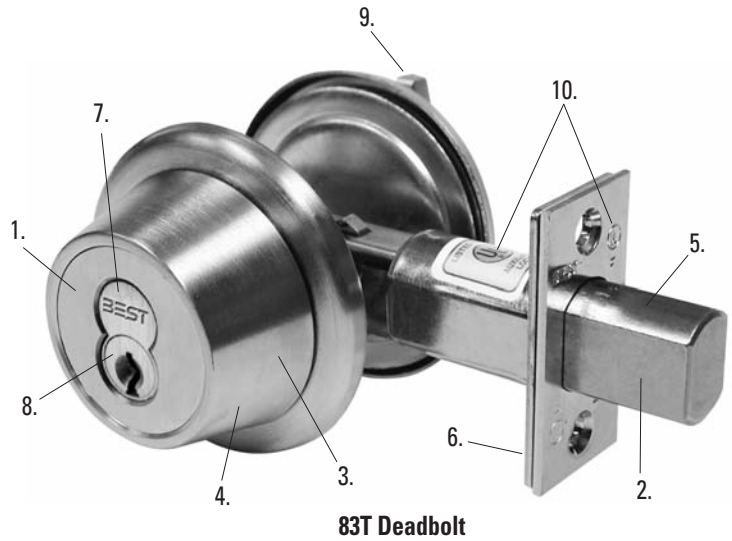
Products protected by one or more of the following patents:
4,301,667   D290,085   4,843,852   5,590,555   5,794,472
Other Patents Pending

83T Deadbolt

SPECIFICATIONS

Backset: 72T/82T– 2 ³⁄₈", **73T/83T**– 2 ¾"
Cylinders:
  82T/83T– ANSI A156.36-2010 Auxiliary Locks, **Grade 1 Operational, Strength and Security** with drill-resistant core (1CD/1CDP.1CDB/1CDF/1CDM/1CDX)
  72T/73T– ANSI A156.36-2010 Auxiliary Locks, **Grade 2 Operational, Strength and Security** with drill-resistant core (1CD/1CDP.1CDB/1CDF/1CDM/1CDX)
Deadbolt: 72T/73T– 1" throw, ⁵⁄₈"x ⁷⁄₈" bolt. Brass nickel plated, with concealed hardened steel free-turning pin. Housing fits 1" bore.
82T/83T– 1" throw, ⁵⁄₈"x ⁷⁄₈" solid stainless steel bolt. Housing fits 1" bore.
Door thickness: Fits 1 ¾" doors (standard)
  72T/73T: fits doors - from 1 ³⁄₈" to 2 ¹⁄₈"
  82T/83T: fits doors - from 1 ³⁄₈" to 3"

Faceplate: brass or bronze base material.
  72T/82T – 1"x 2 ¼", **73T/83T** – 1 ¹⁄₈"x 2 ¼"
Finishes:
  72T/73T: 612 – satin bronze, **626** – satin chromium,
  82T/83T: 605 – bright brass, **606** – satin brass, **611** – bright bronze, **612** – satin bronze, **613** – dark oxidized satin, **625** – bright chromium, **626** – satin chromium
Strikes:
  8TSTK – rectangular 1 ¹⁄₈"x 2 ¾" (ANSI A156.36-2010)
  8TS1 – curved lip 1 ¼"x 4 ⁷⁄₈" (ANSI A156.36-2010)
  8TS4 – curved lip 1 ¹⁄₈"x 2 ¾" (ANSI A156.36-2010)
  8TS5 – high security rectangular 1 ¼"x 4 ⁷⁄₈" (ANSI A156.36-2010)
Trim: wrought brass or bronze cylinder rose or turn lever rose, 2 ¾" dia. to cover 2 ¹⁄₈" bore. Machined brass or bronze cylinder ring.

STRIKES

8TSTK Standard Strike Dimensions– 1 ¹⁄₈"x 2 ¾" (Supplied with box and screws) To order with unit– STK To order without unit– 8TSTK and finish

8TS4 Strike Dimensions– 1 ¹⁄₈"x 2 ¾" with curved lip. (Supplied with box and screws). To order with unit– S4 To order without unit– 8TS4 and finish.

8TS1 Strike Dimensions– 1 ¼"x 4 ⁷⁄₈" (ANSI 115.1) (Supplied with box and screws). To order with unit– S1 To order without unit– 8TS1 and finish.
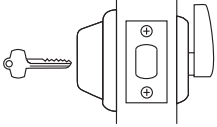
8TS5 High Security Strike Dimensions– 1 ¼"x 4 ⁷⁄₈" (Supplied with box and long screws). To order with unit– S5 To order without unit– 8TS5 and 630 *finish ONLY.*

STANLEY BEST ACCESS SYSTEMS TUBULAR DEADBOLTS

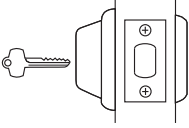| Function & Diag. ANSI (Fed. No.) **K-Turnknob**	Deadbolt operated by...
E2151, E2152 (181K)	• Turning the key in the outside cylinder • Turning the inside turn lever.
L-One-Way Deadbolt E2161, E2162 (181L)	Turning the key in the outside cylinder; the inside cylinder is blank
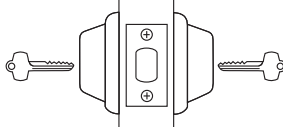
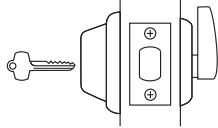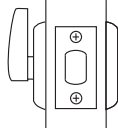| Function & Diag. ANSI (Fed. No.) ***M-Double-Cylinder**	Deadbolt operated by...
E2141, E2142 (181M)	• Turning the key in the inside or outside cylinder. The inside mounting screws are concealed.
S-Classroom E2171 (181S)	• Turning the key in the outside cylinder • Turning the inside turn lever only retracts the deadbolt (available ONLY in 82T/83T) **Note:** *Can't throw the deadbolt.*
KL-Closet (available ONLY in 82T/83T)	Turning the turn lever only.

*ATTENTION: *Locksets that secure both sides of the door are controlled by building codes and the Life Safety Code. In an emergency exit situation, failure to quickly unlock the deadbolt could be hazardous or even fatal.*

82TDB Deadbolt Tube Assembly
> **Bolt throw** – 1"
> **Backset** – 2 ⅜"
> **Faceplate** – brass or bronze, 1" x 2 ¼". self-adjusting and reversible for either door hand.
> **Tube** – steel, fits 1" diameter bore

To order without trim:
> **82TDB and finish**

82TDB

83TDB Deadbolt Tube Assembly
> **Bolt throw** – 1"
> **Backset** – 2 ¾"
> **Faceplate** – brass or bronze, 1 ⅛" x 2 ¼", self-adjusting and reversible foreither door hand.
> **Tube** – steel, fits 1" diameter bore.

To order without trim:
> **83TDB and finish**

83TDB

82TD5 Drive-in Bolt Tube Assembly
> **Bolt throw** – 1"
> **Backset** – 2 ⅜"
> **Faceplate** – brass or bronze, circular
> **Tube** – steel, fits 1" diameter bore

To order without trim:
> **82TD5 and finish**

82TD5

83TD5 Drive-in Bolt Tube Assembly
> **Bolt throw** – 1"
> **Backset** – 2 ¾"
> **Faceplate** – brass or bronze, circular.
> **Tube** – steel, fits 1" diameter bore.

To order without trim:
> **83TD5 and 626 finish**

83TD5

83T	7	K	STK	606		**
Backset	**Core Housing**	**Function Code**	**Strike**	**Standard Finishes**	**Options**	
72T– 2 ⅜" **73T**– 2 ¾" **82T**– 2 ⅜" **83T**– 2 ¾"	**7**– 7 pin housing accepts all Best cores	see above	**STK**– standard deadbolt **82T/83T only** **S1**– high security **S4**– curved lip **S5**– high security deadbolt *(630 finish only)*	**72T/73T:** 612 626 **82T/83T:** 605 606 611 612 613 625 626 690	**CS**– concealed screws *(82T/83T only)* **D5**– drive-in bolt *(82T/83T only)* **LL**– lead lined *(83T only)* **NF**– narrow face 1" *(std. 82T)* **SH**– security head screws *(82T/83T only)* **WF**– wide face 1 ⅛" *(std. 83T)* **Door thickness**– specify if other than 1 ¾" *(82T/83T only)*	

**Must specify key mark and number of keys or designate L/C for less core.

TUBULAR DEADBOLTS

STANLEY

BEST ACCESS SYSTEMS

SERVICE EQUIPMENT

KD304A Boring Jig Kit

The KD304A jig kit is made for boring cut-outs in wooden doors for Fed. Spec. 160 and 161 series cylindrical/tubular locksets, doors $1\frac{3}{8}$" to $2\frac{1}{4}$"thick. The KD304A kit includes the boring jig (to drill wood doors for $2\frac{3}{8}$", $2\frac{3}{4}$", $3\frac{3}{4}$", and 5" backsets), a quick-release adaptor for $\frac{3}{8}$"drill chuck, a $2\frac{1}{8}$" bit, and a 1" diameter x 9" bit.

The following kit items can also be purchased separately.

KD309 – $2\frac{1}{8}$"bit
KD318 – 1"dia. x 9" bit
KD319 – $\frac{3}{8}$", quick release adaptor

To order complete kits specify:
KD304A Kit

KD304A parts   **KD304A with case**

KD312 and KD315 Face Plate Marking Chisel
KD325 Strike Plate Location Pin

The KD315 face plate marking chisel (which locates the mortising for the face plate) and the KD325 strike locating pin (which centers the strike for proper installation) and is used for Fed. Spec. 161 cylindrical lockset, ($1\frac{1}{8}$"x $2\frac{1}{4}$"), and BEST® series 82T & 83T tubular locks. The KD312 face plate marking chisel is available for Fed. Spec. 160 (1"x $2\frac{1}{4}$") preparation.

To order specify:
KD312– face plate marking chisel 1" (160)
KD315– face plate marking chisel 1 $\frac{1}{8}$" (161)
KD325– strike plate locating pin

KD315   **KD325**
(Fed. Spec. 161)

CORMAX™ PATENTED KEYING SYSTEM

BEST® CORMAX™ is the premier patented keying system offered by Stanley Security Solutions. CORMAX will meet your needs for security, key control, and convenience. A simple solution with no compromising allowed.

CORMAX is the upgrade path for existing BEST Standard, Premium, and MX8 customers; and it is an essential element of non-residential access control as security administrators strive to eliminate the unauthorized duplication of keys.

CORMAX offers the following features and benefits:

CORMAX™
Patented Keying System

- A long-term US utility patent that guarantees the extended useful life of the system through 2027.
- A second, independent locking mechanism that utilizes a patented set of built-in side pins to provide higher security.
- Several levels of geographical exclusivity, including national exclusivity, are available via the patented side pin feature.
- CORMAX cores and keys are available exclusively through Stanley sales offices. Key blanks are only sold to individuals authorized by the customer to ensure key blanks do not end up in the possession of unauthorized personnel either inside or outside the customer's facility.
- CORMAX cores are certified to meet the security, safety, and reliability requirements of BHMA A156.5 Grade 1.
- Picking and drilling resistance options are available if higher levels of security are desired.
- Complete factory masterkeying service offered, and at no charge with purchase of BEST locksets and PHI exit devices.
- Keyways are organized in families of four keyways each, with double-milled and quad-milled key levels to facilitate the design of masterkey systems in multi-building campuses.
- BEST CORMAX cores are compatible with all existing BEST interchangeable core housings, eliminating the need for new or modified locksets.