

BTS75V/P, 80/P x 75520 Pocket Pivot  
BTS75V/PF, 80/PF x 75523 Pocket Pivot  
Package P & PF  
Surface applied track and 3-hour rated

## Installation instructions

08083293 – 02-2021

| EN |

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# 1 Installation

## 1.1 Attach spindle and install closer

Fig.1

1.1.1 Slide washer over tapered square end of spindle until fully seated in groove.

1.1.2 Fasten spindle with spindle screw provided.

1.1.3 Tighten securely with 5mm hex key.

**CRITICAL:  
 WASHER MUST BE  
 INSTALLED**

1.1.4 Center closer in cement case.

1.1.5 Tighten fastening screws.

NOTE: Top of cement case must be flush with finished floor.  
 NOTE: Cement case must be level and installed **PERPENDICULAR** to frame.  
 NOTE: Spindle center line must be accurately located.  
 NOTE: Grout cement case in place.

## 1.2 Install slide block to arm

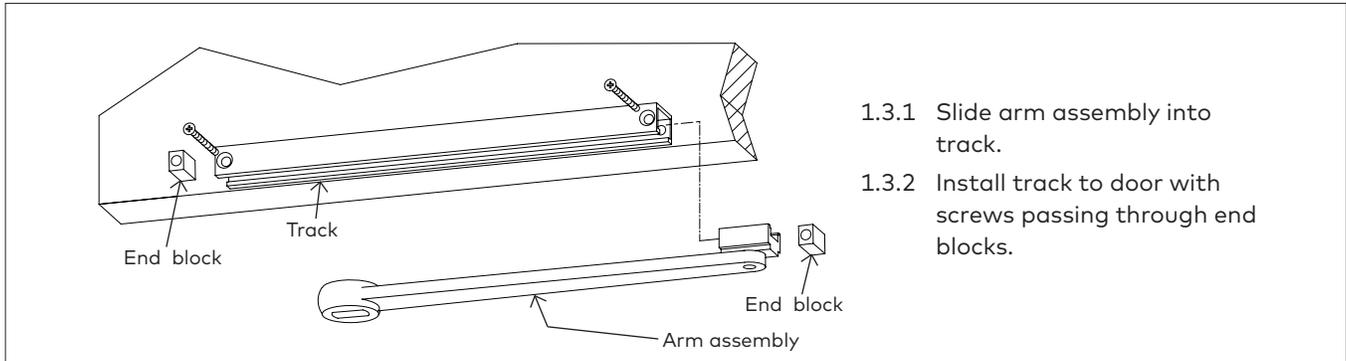
Fig.2

1.2.1 Orient arm so angle of slot appears as shown.

1.2.2 Attach slide block to arm with shoulder screw provided.

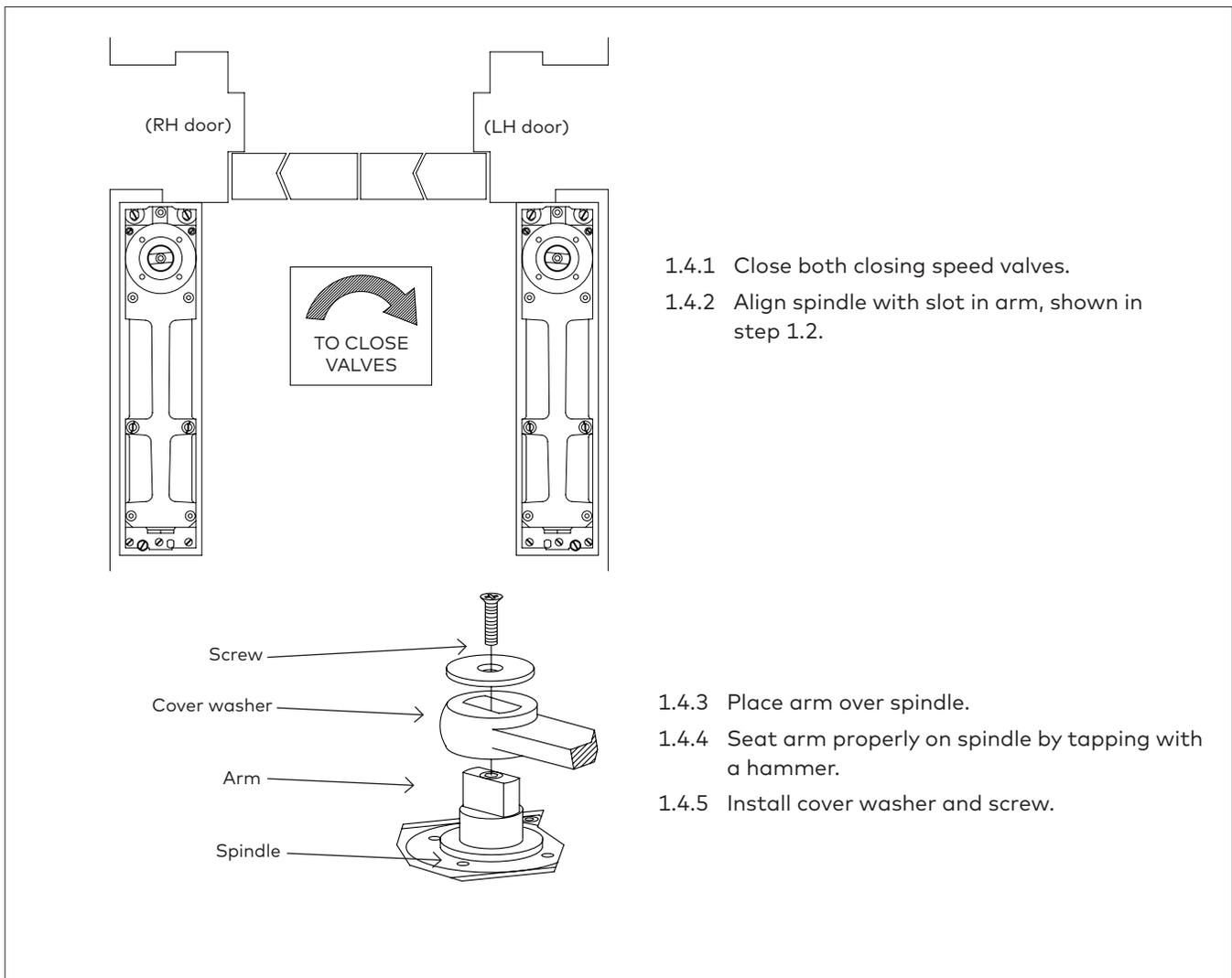
### 1.3 Install slide arm (7451) into track and install track

Fig.3



### 1.4 Install arm to closer

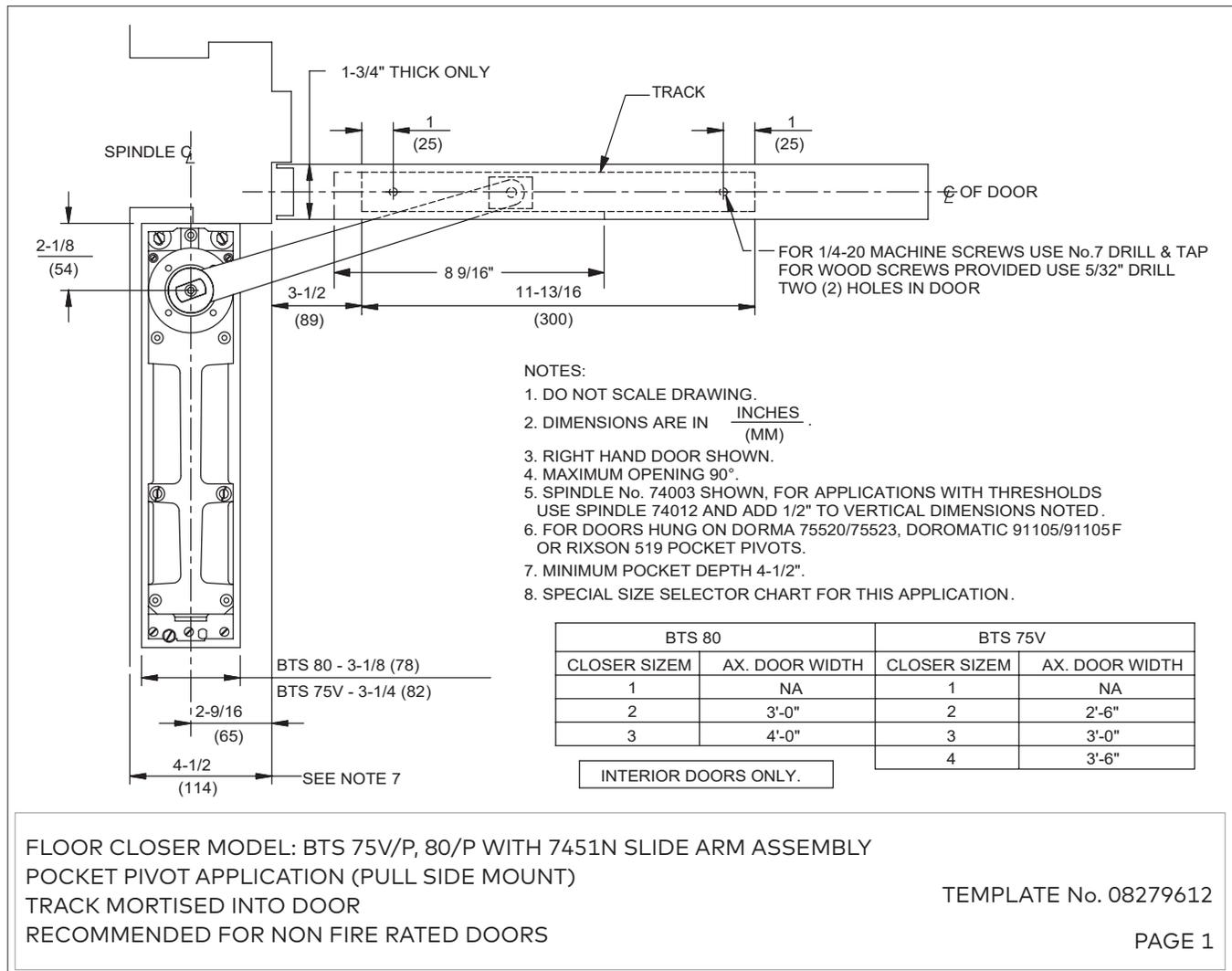
Fig.4



# 2 Templates

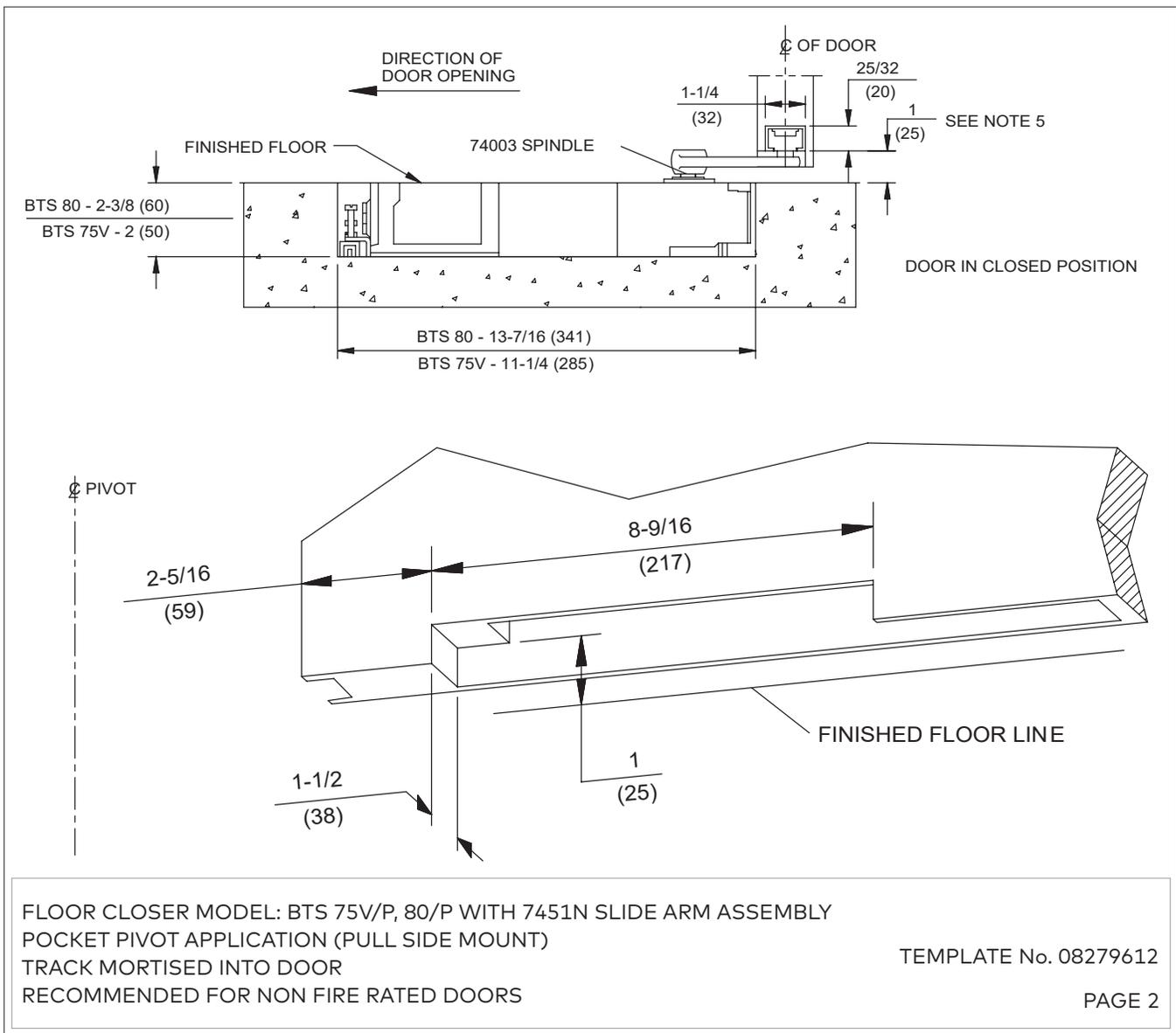
## 2.1 Closer template

Fig.5



## 2.2 Closer template (continued)

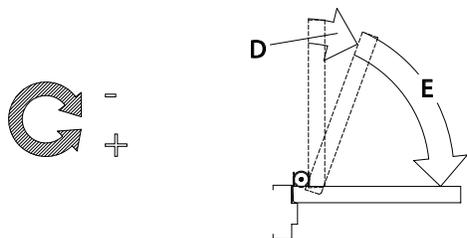
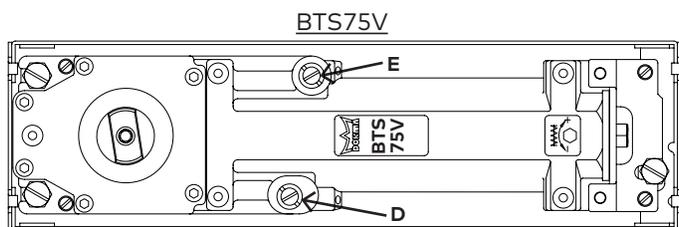
Fig.6



# 3 Adjustments

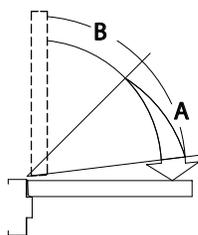
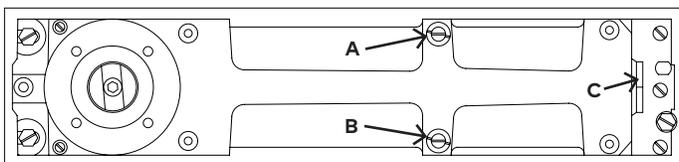
## 3.1 Adjust closing speeds

Fig.7



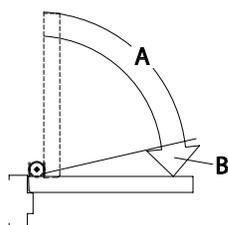
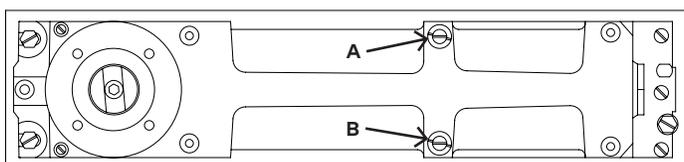
Valve "D"	Controls closing speed from 90° to 70°
Valve "E"	Controls closing speed from approximately 70°-0°

BTS80



Valve "A"	Controls closing speed from approximately 20° to 0°
Valve "B"	Controls closing speed from approximately 90°-20°
Hold open	Turn valve "B" completely CW. Door will hold at any point beyond approx. 20°. Allow for approx. 4° fall away when considering hold open position. To release door, manually pull door closed a few inches.
Valve "C"	Controls position of latch range. CW turns increase latch range to a maximum of 45°-0°. CCW turns decrease latch range to a minimum of 7°-0°.

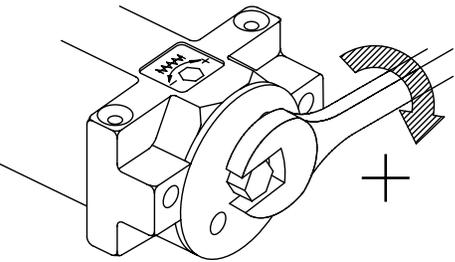
BTS80F



Valve "A"	Controls closing speed from approximately 90° to 0°. CW turns decrease closing speed. CCW turns increase closing speed.
Valve "B"	Increases closing speed from approximately 7°-0°. CCW turns increase closing speed. CW turns return speed to that set by valve "A".

### 3.2 Adjust spring tension (if necessary)

Fig.8



Spring tension			
	Door width		Full turns
	Interior	Exterior	
BTS75V	2'-6" [762]	---	+5
	3' [914]	2'-6" [762]	+8
	3'-6" [1067]	3' [914]	+12

**NOTE: Max 12 turns from minimum setting.**

### 3.3 Sealing compound (optional)

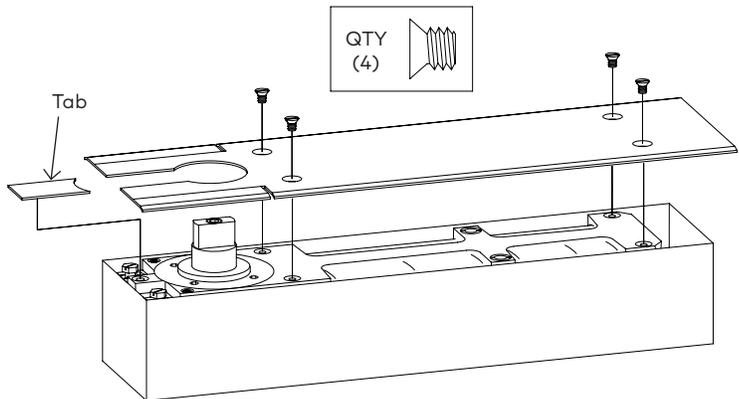
Fig.9

Sealing compound is recommended for exterior doors or areas with excessive moisture. Make all final adjustments before adding compound. Refer to instructions packed with compound for full details.

## 4 Covers

### 4.1 Install cover

Fig.10



- 4.1.1 Trim cover plate as required.
- 4.1.2 Fasten with four screws provided.
- 4.1.3 Press tab into place behind closer.

