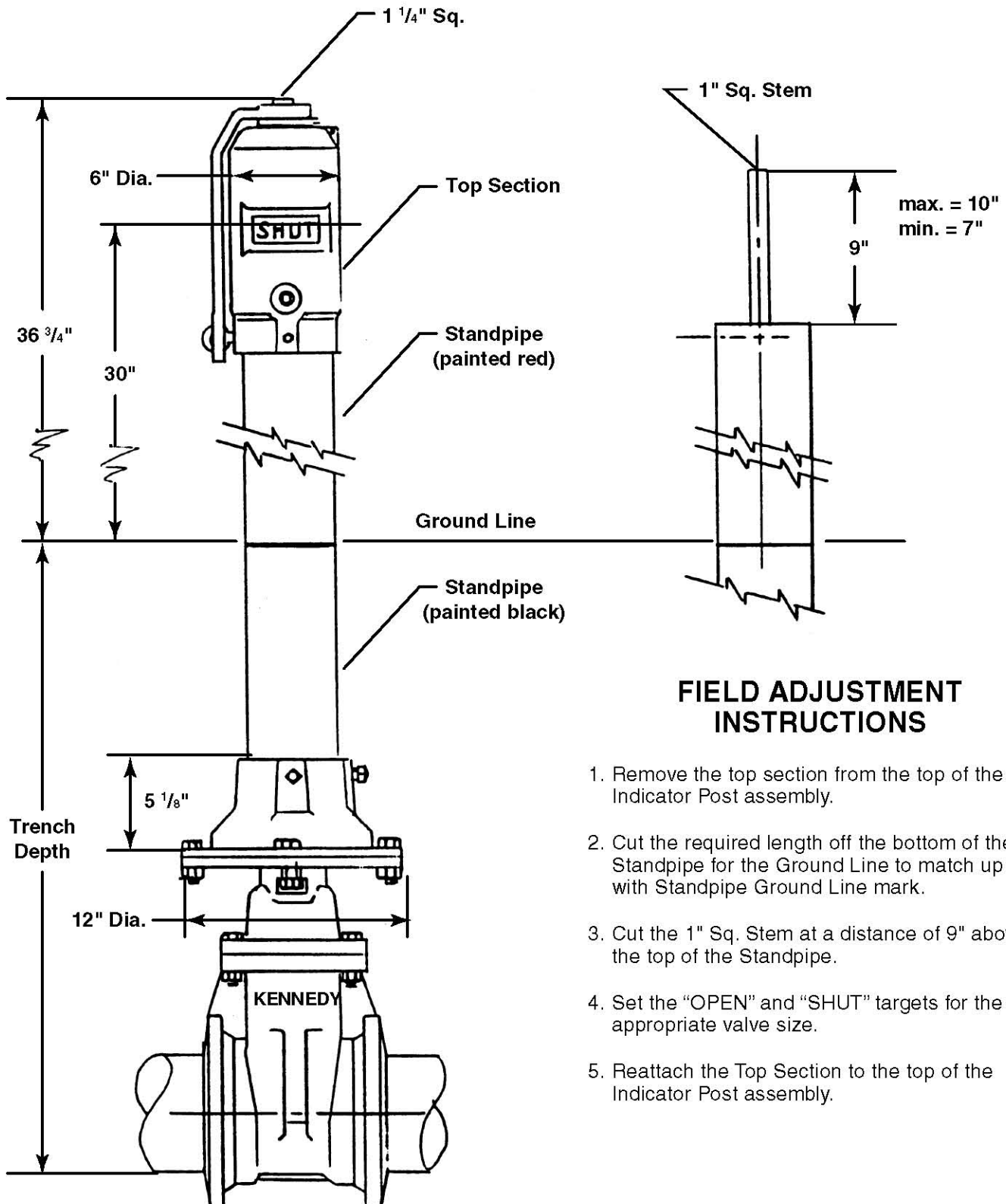


INDICATOR POST STYLE 2945 FIXED LENGTH UL/FM DIMENSIONS AND INSTRUCTIONS

KENNEDY VALVE

Available in Sizes F G H
See Page 6 for Dimensions



**INDICATOR POST
STYLE 2945 A (ADJUSTABLE) AND
STYLE 2945 (FIXED) - PARTS LIST**

KENNEDY VALVE

DET	QTY.	PART NO.	DESCRIPTION	MATERIAL
P-1	1	446127P	Locking Wrench	Cast Iron ASTM A-126 CI.B
P-2	1	3024872 (4-14")	Operating Nut	Bronze ASTM B584 Alloy 864
P-3	1	442639P	Retainer O-Ring #226	Buna N
P-4	1	3020912	Top Section	Cast Iron ASTM A-126 CI.B
P-5	2	441980P	Window Glass	Lexan - UV Stabilized
P-6	2	443370P	Open Target	Cast Aluminum
P-7	2	443371P	Shut Target	Cast Aluminum
P-8	1	—	Target Carrier Assem.	
	1	3005802 (4-14")	Target Carrier Nut	Bronze ASTM B584 Alloy 844
	2	443347P	Target Carrier Plate	1/16" Sheet Metal
	4	440736P	Clamp Target Retainer	16 Ga. 302 S.S.
	8	444171P	#10-24x1/2" Pan Head	Zinc Plated Steel
	4	442411P	#10-24 Hex Nut	Zinc Plated steel
P-9	1	443476P	1/2" NPT Pipe Plug	Mall. Iron
P-10	1	440254P	3/8" Eyebolt #23	Forged Steel
P-11A	1	444303P	3/8-16x1" Hex Capscrew (Adj. Post)	Zinc Plated Steel
P-11F	2	444306P	3/8-16x1 1/2" Hex Capscrew (Fixed Post)	Zinc Plated Steel
P-12	1	**	Stem 1" Sq.	AISI M1020 HRS
P-13	1	318035&	Crane Coupling	Cast Iron ASTM A-126 CI.B
P-14	1	442190P	Cotter Pin	Brass
P-15	2	444342P	3/4" Hex Hd. Screw	Zinc Plated Steel
P-16	1	3004772	Telescoping Barrel	Cast Iron ASTM A-126 CI.B
P-17	1	**	Lower Standpipe (Adjustable Post)	4" D.I. CI 52 ANSI A21.51
P-18	1	3180402 (3-12")	Base Flange	Cast Iron ASTM A-126 CI.B
P-19	3	444355P	5/8"x1" Hex Hd. Screw	Zinc Plated Steel
P-20	4	444357P	5/8"x2 1/4" Hex Capscrew	Zinc Plated steel
P-21	4	442484P	5/8" Hex Nut	Zinc Plated Steel
P-22	1	**	Standpipe Section (Fixed Post)	4" D.I. CI 52 ANSI A21.51
P-23	1	3004762	Spacer Sleeve (Fixed Post)	5" D.I. CI 52 ANSI A21.51

**Part numbers change based on post furnished.

**INDICATOR POST STYLE 2945A & 2945
TRENCH DEPTHS FOR GATE VALVES
UL & FM APPROVED**

KENNEDY VALVE

**TELESCOPING BARREL 2945A
TRENCH DEPTH LIMITS**

Valve Size	B Size		C Size		D Size		E Size	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
4"	31"	51"	49"	69"	67"	87"	88"	111"
6"	35"	55"	53"	73"	71"	91"	92"	115"
8"	42"	62"	60"	80"	78"	98"	99"	122"
10"	45"	65"	63"	83"	81"	101"	102"	125"
12"	49"	69"	67"	87"	85"	105"	106"	129"
14"	58"	78"	76"	96"	94"	114"	115"	138"

**FIXED LENGTH POSTS 2945
MAXIMUM TRENCH DEPTH**

Valve Size	F Size	G Size	H Size
4"	45 ¹ / ₂ "	63 ¹ / ₂ "	87 ¹ / ₂ "
6"	49 ¹ / ₂ "	67 ¹ / ₂ "	91 ¹ / ₂ "
8"	54 ¹ / ₂ "	72 ¹ / ₂ "	96 ¹ / ₂ "
10"	59"	77"	101"
12"	64"	82"	106"
14"	69"	87"	111"

INDICATOR POST MODEL 2945A AND 2945 UL/FM INSTALLATION INSTRUCTIONS

KENNEDY VALVE

Installation - The valve should be opened to the fully open position before proceeding with the Indicator Post installation.

1. Disassembly of the Indicator Post Unit

Telescoping Barrel Units

- Remove the Top Section from the end of the barrel.
- Loosen the two screws on the barrel and slide off the top of the standpipe.

Fixed Length Units

- Remove the Top Section from the end of the standpipe.

2. Base Flange Installation:

- Attach the base flange along with the standpipe to the valve plate using the four 5/8" bolts and nuts provided.

3. Grade Line Adjustments:

Telescoping Barrel Units

- Lower the barrel over the standpipe until the grade line mark on the barrel is at ground line height and then tighten the two screws securely.

Fixed Length Units

- Cut the required length off the bottom of the standpipe so that the indicated grade line of the standpipe is at the ground line height and then secure to the base flange by tightening the two screws.

4. Extension Rod Adjustments:

Lower the stem into the barrel/standpipe, placing the crane coupling over the valve operating nut.

It is necessary that the stem engage the operating nut a minimum of 2 inches, but not more than 5 inches.

To check for correct engagement, the end of the stem should be from 7 inches to 10 inches above the top of the standpipe (Fixed Length Units) or the top of the telescoping barrel.

5. Target (Open and Shut) Adjustments

Remove the target assembly from inside the body by rotating the operating nut counterclockwise.

Loosen the target retainer screws, but do not remove them.

INDICATOR POST MODEL 2945A AND 2945 UL/FM INSTALLATION INSTRUCTIONS

KENNEDY VALVE

5. Cont'd

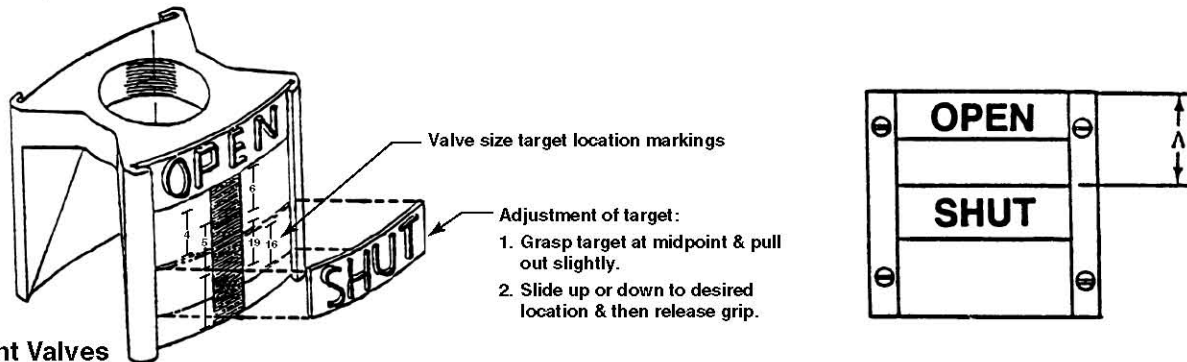
Open Left Valves

Move the OPEN target to the top of the plate.

Note: Position of the SHUT target can be determined by the following chart:

Valve Size	4"	6"	8"	10"	12"	14"
Gate Valve "A"	1"	1 ³ / ₈ "	1 ³ / ₁₆ "	2 ³ / ₁₆ "	2 ⁵ / ₈ "	3"
RW Valve "A"	7/ ₈ "	1 ⁵ / ₁₆ "	1 ¹¹ / ₁₆ "	2 ¹ / ₈ "	2 ¹ / ₂ "	2 ⁷ / ₈ "

Position the SHUT target as indicated below and tighten the retainer screws until snug. Avoid over tightening. Repeat the procedure for the other side.



Open Right Valves

The procedure is similar as for open left, but with two differences:

A: The open target is placed **below** the shut target.

B: The open target is placed at the very **bottom** of the plate.

The position of the shut target above the open target is then determined and set as described above.

Maintenance

1. Lubrication

Oil upper bearing at least once per year, adding several drops of oil in the hole located on the top of the main stem flange.

Access to lubrication hole is gained by raising the locking wrench off the main stem nut.

2. Operation

The target mechanism will travel off the threads of the operating nut in both directions should the targets or target mechanism be positioned incorrectly. Should this happen, readjust targets. If the target mechanism falls from the operating nut, it will be stopped a short distance below the window.