

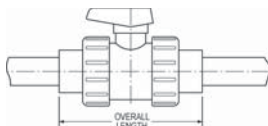


True Union 2000 Ball Valve Retrofit Kit INSTALLATION INSTRUCTIONS



RFK-3A-1000

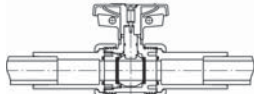
Retrofit Kit is designed for in-line replacement of other brand ball valves with Spears® True Union 2000 Ball Valves. Kit includes one pair (2) extended socket-type end connectors with O-rings installed. The following instructions are to be used in addition to installation instructions included with new valve. Read all instructions before proceeding.



**BALL VALVE FOR
REPLACEMENT**



**PIPE LAYING LENGTH
AFTER CUTTING**



**TRUE UNION 2000
BALL VALVE INSTALLED
WITH RETROFIT KIT**

Size	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
L	5-5/16	6-1/4	6-11/16	7-1/8	8-3/16	5-15/16	12	12-1/16	13-3/16

L ± 1/16

- Step 1: Mark and cut old valve from line according to specified "L" dimension in chart. Pipe ends must be cut square.
- Step 2: Deburr and bevel pipe ends. All burrs on the pipe O.D and I.D must be removed. The O.D should be beveled 10° to 15°.
- Step 3: Remove union nuts from new True Union 2000 Ball Valve and slide over pipe making sure the nut threads will face the valve when installed.
- Step 4: Install Retrofit Kit end connectors according to solvent cement welding procedures included with valve. End connector socket must be fully seated on pipe. Allow to properly cure before proceeding. **DO NOT** allow primer or cement to come in contact with the end connector O-ring face, union nuts, or other internal valve components.
- Step 5: Install new True Union 2000 Valve cartridge between newly installed retrofit end connectors according to installation instructions included with new valve. **DO NOT** use union nuts to draw together any gaps between end connector and valve. Free system components to compensate if necessary.



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