# SMCK – PITLESS KITS
# STAINLESS STEEL

## SPECIFICATION:

- Tested and approved by Pitless Adpater Standard PAS-1, PAS-2, PAS-97(2019) (R 2023), ASSE Standard #1093-2019(R 2023), and Illinois Code.
- By simply turning the stainless steel screw, it enables a positive mechanical seal. This assures reliable sealing and allows for easy disengagement for service without pulling the pump.
- No obstructions inside the well that may need to be removed before working on well, providing a simple and fast installation.
- Large thick O-ring seal assures a watertight seal around the hole cut in the casing, while the all stainless steel discharage hub clamps around the casing with a all stainless steel U-strap to prevent distortion of plastic casing if overtightened.
- The 3 part kit consists of discharge hub, internal parts, and ventilated or watertight cap.
- Allows use of existing plastic or steel casing with no restrictions on materials.
- The heavy duty galvanized iron support plate holds 160% more weight than aluminum support bar by other manufacturers, and holds more weight than slide together type pitless adapters. The weight of the pump, pipe, and water is supported by the bar, minimizing the danger of losing the pump or pipe down well. Merrill support bar also has a ground screw.
- Easily drain the water system by turning the stainless steel screw inside pull pipe, so the entire water system outside the well can be drained without pulling the pump.
- Stainless steel elbow fitting is available for discharge.

C.A. Certified

Note: Illinois State Approved



- Max Pressure: 120 PSI
- Max Temperature: 120°F

## CERTIFICATIONS:

- PAS-1, PAS-2, PAS-97(2019)(R 2023)
- ASSE Standard #1093-2019(R 2023)
- IAPMO CA. Certified
- Illinois Code

| MATERIAL LIST | |
|---|---|
| **Part Name** | **Material** |
| Support Bar | Galvanized Iron |
| Thumb Screw | Stainless Steel |
| Internal Pitless Body | Stainless Steel |
| Flipper | Stainless Steel |
| Pivot Pin | Stainless Steel |
| Discharge Hub w/O-Ring | Stainless Steel |
| O-Ring Seal | Buna |
| U-Strap w/Nuts | Stainless Steel |

| DIMENSIONS | | | | |
|---|---|---|---|---|
| **Part No.** | **Well Size I.D./O.D.** | **Drop Pipe & Discharge** | **Hole Saw** | **Weight (lbs)** |
| SMCK410 | 4.0”/4.5” | 1” | 1” | 7.7 |
| SMCK414 | 4.0”/4.5” | 1-1/4” | 1-1/4” | 7.5 |
| SMCK510 | 5.0”/5.6” | 1” | 1” | 9.3 |
| SMCK514 | 5.0”/5.6” | 1-1/4” | 1-1/4” | 8.9 |
| SMCK610 | 6.0”/6.6” | 1” | 1” | 11.1 |
| SMCK614 | 6.0”/6.6” | 1-1/4” | 1-1/4” | 10.3 |

MERRILL MANUFACTURING

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