

SWITCH BLADE™

STATIC, ZERO-DEGREE HYDRO-EXCAVATION NOZZLE

**DIG FASTER.
SAVE WATER.**

PERFORMANCE – Complete jobs faster with more runtime and less downtime. A combination of (1), (2), or (4) 0° solid stream nozzles provide greater impingement, allowing you to cut through soil faster while using dramatically less water. The Switchblade's long, linear flow path is ideally suited for trenching applications.

DURABILITY – These heavy duty, high impact nozzles are constructed with stainless steel housings and tungsten carbide wear surfaces to withstand harsh environments and provide longer life than stainless steel nozzle tips.

SAFETY – Non-conductive urethane coating on the nozzle body protects the operator and sensitive underground utilities.

FLEXIBILITY – Individual, replaceable, color-coded nozzle pills allow you to change water flow rate and pattern based on current soil conditions.



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CUSTOMIZE YOUR NOZZLE

Select nozzle body and 1, 2, or 4 nozzle pills or plugs depending on which body you chose.

| PART NUMBER | DESCRIPTION | COLOR | CONNECTION THREAD | FLOW RATE (EACH PILL) (GPM) | | | | | |
|-------------|---------------------------------------|--------|--------------------------------|-----------------------------|------------|------------|------------|------------|------------|
| | | | | @ 1000 PSI | @ 1500 PSI | @ 2000 PSI | @ 2500 PSI | @ 3000 PSI | @ 3200 PSI |
| 1002036 | Switchblade Ace Body - 1 Pill Port | - | 1/2" NPT Inlet, 30 Mesh Screen | - | - | - | - | - | - |
| 1002035 | Switchblade Deuce Body - 2 Pill Ports | - | 1/2" NPT Inlet, 30 Mesh Screen | - | - | - | - | - | - |
| 1001779 | Switchblade Quad Body - 4 Pill Ports | - | 1/2" NPT Inlet, 30 Mesh Screen | - | - | - | - | - | - |
| 1001780-010 | 1.0 Nozzle Pill | Blue | 1/8" NPT | 0.5 GPM | 0.6 GPM | 0.7 GPM | 0.8 GPM | 0.9 GPM | 0.9 GPM |
| 1001780-020 | 2.0 Nozzle Pill | Yellow | 1/8" NPT | 1.0 GPM | 1.2 GPM | 1.4 GPM | 1.6 GPM | 1.7 GPM | 1.8 GPM |
| 1001780-030 | 3.0 Nozzle Pill | Green | 1/8" NPT | 1.5 GPM | 1.8 GPM | 2.1 GPM | 2.4 GPM | 2.6 GPM | 2.7 GPM |
| 1001780-040 | 4.0 Nozzle Pill | Orange | 1/8" NPT | 2.0 GPM | 2.4 GPM | 2.8 GPM | 3.2 GPM | 3.5 GPM | 3.6 GPM |
| 1001780-050 | 5.0 Nozzle Pill | Purple | 1/8" NPT | 2.5 GPM | 3.1 GPM | 3.5 GPM | 4.0 GPM | 4.3 GPM | 4.5 GPM |
| 1001780-060 | 6.0 Nozzle Pill | Red | 1/8" NPT | 3.0 GPM | 3.7 GPM | 4.2 GPM | 4.7 GPM | 5.2 GPM | 5.4 GPM |
| 1001780-080 | 8.0 Nozzle Pill | Black | 1/8" NPT | 4.0 GPM | 4.9 GPM | 5.7 GPM | 6.3 GPM | 6.9 GPM | 7.2 GPM |
| 1001780-100 | 10.0 Nozzle Pill | White | 1/8" NPT | 5.0 GPM | 6.1 GPM | 7.1 GPM | 7.9 GPM | 8.7 GPM | 8.9 GPM |
| 1001780-120 | 12.0 Nozzle Pill | Pink | 1/8" NPT | 6.0 GPM | 7.3 GPM | 8.5 GPM | 9.5 GPM | 10.4 GPM | 10.7 GPM |
| 3000795 | SST Plug | - | 1/8" NPT | - | - | - | - | - | - |

OR CHOOSE A NOZZLE KIT

| PART NUMBER | DESCRIPTION | FLOW RATE (TOTAL KIT) (GPM) | | | | | |
|-------------|---|-----------------------------|------------|------------|------------|------------|------------|
| | | @ 1000 PSI | @ 1500 PSI | @ 2000 PSI | @ 2500 PSI | @ 3000 PSI | @ 3200 PSI |
| 1001927 | 2222 Nozzle Kit - Includes Switchblade Quad Body, (4) 2.0 Nozzle Pills, And Stainless Steel Thread Tape | 4.0 GPM | 4.9 GPM | 5.7 GPM | 6.3 GPM | 6.9 GPM | 7.2 GPM |
| 1001928 | 2332 Nozzle Kit - Includes Switchblade Quad Body, (2) 2.0 Nozzle Pills, (2) 3.0 Nozzle Pills, And Stainless Steel Thread Tape | 5.0 GPM | 6.1 GPM | 7.1 GPM | 7.9 GPM | 8.7 GPM | 8.9 GPM |
| 1001929 | 3443 Nozzle Kit - Includes Switchblade Quad Body, (2) 3.0 Nozzle Pills, (2) 4.0 Nozzle Pills, And Stainless Steel Thread Tape | 7.0 GPM | 8.6 GPM | 9.9 GPM | 11.1 GPM | 12.1 GPM | 12.5 GPM |

SPECIFICATIONS:

Maximum Inlet Pressure: 3,200 PSI (220 bar)
Maximum Water Temperature: 180°F (+82°C)
Housing Material: Stainless Steel
Coating Material: Urethane
Nozzle Tip Material: Tungsten Carbide
Nozzle Dimensions:

- Switchblade Ace™ 3.4" L x 2" W
- Switchblade Deuce™ 3.4" L x 2" W
- Switchblade Quad™ 3.4" L x 3.4" W

COLOR-CODED NOZZLE PILLS:



*Stainless steel thread tape required for pill assembly (included).