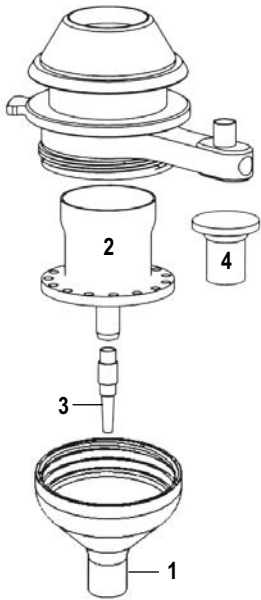




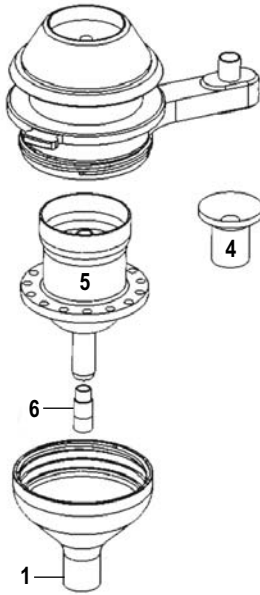
ONYX MICRO & STANDARD SITE CLEANING NOZZLE & CLEANING INSTRUCTIONS

NOTE: Certain DRS models use this style tool, based on the serial number of the machine.

1015.11.068 Micro Nozzle

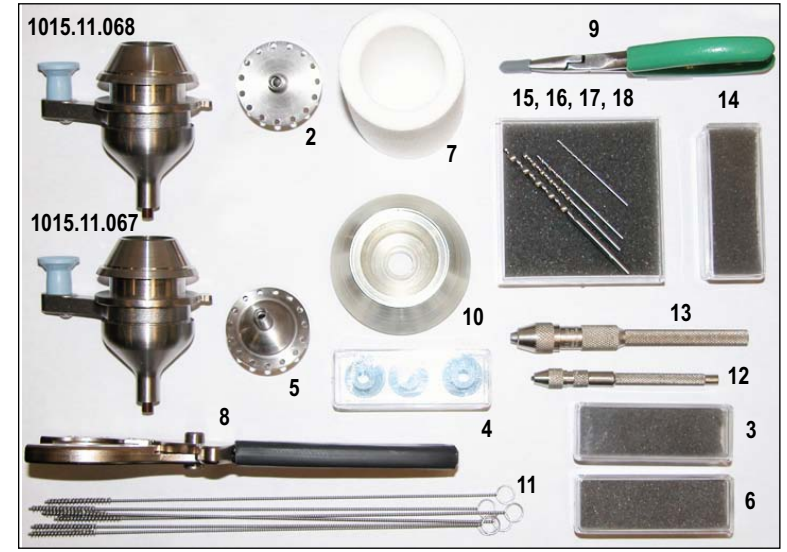


1015.11.067 Standard Nozzle



Item	Part No	Description
1	1015.11.102	Nose
2	1015.11.057	Collector Assembly
3	1015.11.127	Micro Tip (.09 x .06)
3	1015.11.136	Micro Tip (.074 x .042)
3	1015.11.134	Micro Tip (.05 x .025)
4	9001.09.060	Vacuum Cup
5	1015.11.055	Collector Assembly
6	1015.11.121	Large Tip (.188 x .125)
6	1015.11.122	Medium Tip (.125 x .089)
7	0001.11.101	Filter Element
8	1022.02.040	Nozzle Handling Tool
9	9008.99.982	Pliers
10	1015.11.113	Nozzle Stand
11	STB7	Brush
12	9008.99.983	Pin Vise (.0 - .04)
13	9008.99.984	Pin Vise (.05 - .125)
14	9007.99.046	Cleaning Drill (.0225 dia.)
15	9007.99.264	Cleaning Drill (.038 dia.)
16	9007.99.119	Cleaning Drill (.055 dia.)
17	9003.00.100	Cleaning Drill (.086 dia.)
18	9007.99.080	Cleaning Drill (.120 dia.)

Micro & Standard Nozzle Kit 1015.11.012



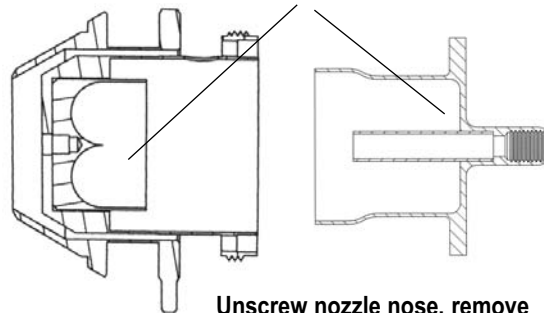
CLEANING INSTRUCTIONS

CAUTION: NOZZLE IS HOT DURING OPERATION. NOZZLE MUST BE COOL BEFORE DISASSEMBLY & CLEANING

Any solder accumulation on the flat surface can be scraped off.



Remove nozzle from ONYX using nozzle handling tool and place in nozzle stand when not in use and prior to cleaning.



Unscrew nozzle nose, remove collector and unscrew tip.



Check condition of vacuum cup for wear and tear - replace when required. Vacuum cup must provide adequate seal for auto height adjustment. Program should provide means to test.

Micro or Standard Tip

BE CAREFUL OF THREADS

Use STB7 brush to clean inside tube of collector assembly.

TIP ID WILL REQUIRE CLEANING TO INSURE PROPER RESULTS.

- A pin vise and various drill sizes are supplied for cleaning
- Be careful to use the correct cleaning drill for each tip
- Small micro tips are fragile. Broken tips will effect performance.

IT IS ADVISABLE TO HAVE SPARE TIPS

- When tips require cleaning they should be removed, replaced with new spare tips and cleaned at the end of the day.
- The replacement tip must be fully engaged to the collector thread.



MICRO TIPS
 1015.11.127 (.09 x .06)
 1015.11.136 (.074 x .042)
 1015.11.134 (.050 x .025)

CLEANING DRILLS
 9007.99.119 (.055 dia.)
 9007.99.264 (.038 dia.)
 9007.99.046 (.0225 dia.)



STANDARD TIPS
 1015.11.121 (.188 x .125)
 1015.11.122 (.125 x .089)

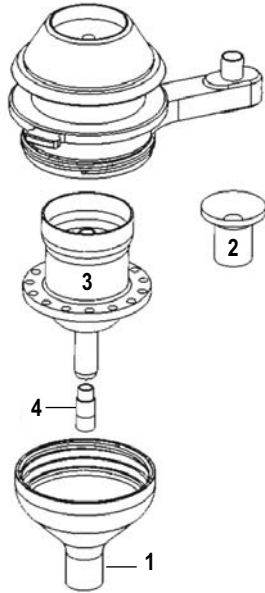
CLEANING DRILLS
 9007.99.218 (.120 dia.)
 9003.00.046 (.086 dia.)



ONYX STANDARD SITE CLEANING NOZZLE & CLEANING INSTRUCTIONS

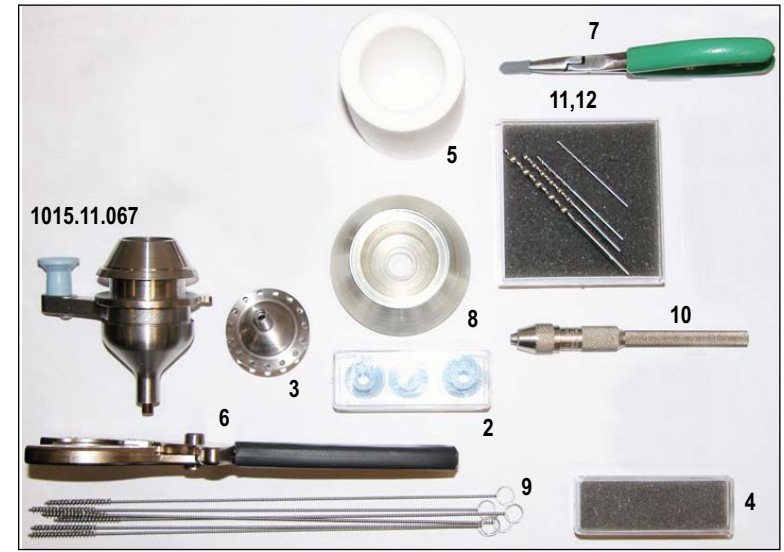
NOTE: Certain DRS models use this style tool, based on the serial number of the machine.

1015.11.067 Standard Nozzle



Item	Part No	Description
1	1015.11.102	Nose
2	9001.09.060	Vacuum Cup
3	1015.11.055	Collector Assembly
4	1015.11.121	Large Tip (.188 x .125)
4	1015.11.122	Medium Tip (.125 x .089)
5	0001.11.101	Filter Element
6	1022.02.040	Nozzle Handling Tool
7	9008.99.982	Pliers
8	1015.11.113	Nozzle Stand
9	STB7	Brush
10	9008.99.984	Pin Vise (.05 - .125)
11	9003.00.100	Cleaning Drill (.086 dia.)
12	9007.99.080	Cleaning Drill (.120 dia.)

Standard Nozzle Kit 1015.11.015

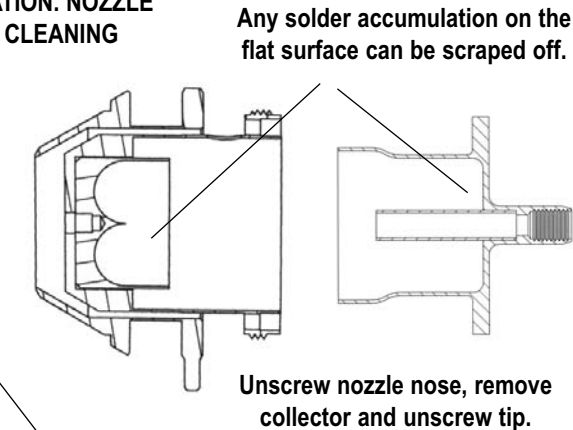


CLEANING INSTRUCTIONS

CAUTION: NOZZLE IS HOT DURING OPERATION. NOZZLE MUST BE COOL BEFORE DISASSEMBLY & CLEANING



Remove nozzle from ONYX using nozzle handling tool and place in nozzle stand when not in use and prior to cleaning.



Check condition of vacuum cup for wear and tear - replace when required. Vacuum cup must provide adequate seal for auto height adjustment. Program should provide means to test.

Standard Tip

BE CAREFUL OF THREADS

Use STB7 brush to clean inside tube of collector assembly.

TIP ID WILL REQUIRE CLEANING TO INSURE PROPER RESULTS.

- A pin vise and various drill sizes are supplied for cleaning
- Be careful to use the correct cleaning drill for each tip
- Small micro tips are fragile. Broken tips will effect performance.

IT IS ADVISABLE TO HAVE SPARE TIPS

- When tips require cleaning they should be removed, replaced with new spare tips and cleaned at the end of the day.
- The replacement tip must be fully engaged to the collector thread.

STANDARD TIPS
 1015.11.121 (.188 x .125)
 1015.11.122 (.125 x .089)

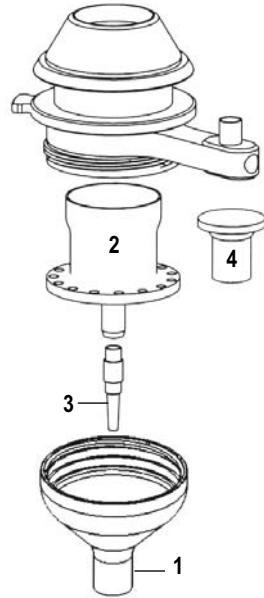
CLEANING DRILLS
 9007.99.218 (.120 dia.)
 9003.00.046 (.086 dia.)



ONYX MICRO SITE CLEANING NOZZLE & CLEANING INSTRUCTIONS

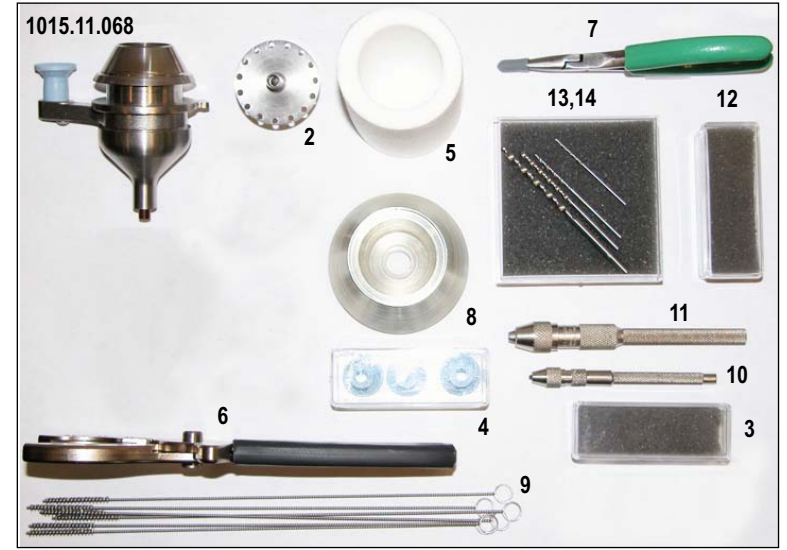
NOTE: Certain DRS models use this style tool, based on the serial number of the machine.

1015.11.068 Micro Nozzle



Item	Part No	Description
1	1015.11.102	Nose
2	1015.11.057	Collector Assembly
3	1015.11.127	Micro Tip (.09 x .06)
3	1015.11.136	Micro Tip (.074 x .042)
3	1015.11.134	Micro Tip (.05 x .025)
4	9001.09.060	Vacuum Cup
5	0001.11.101	Filter Element
6	1022.02.040	Nozzle Handling Tool
7	9008.99.982	Pliers
8	1015.11.113	Nozzle Stand
9	STB7	Brush
10	9008.99.983	Pin Vise (.0 - .04)
11	9008.99.984	Pin Vise (.05 - .125)
12	9007.99.046	Cleaning Drill (.0225 dia.)
13	9007.99.264	Cleaning Drill (.038 dia.)
14	9007.99.119	Cleaning Drill (.055 dia.)

Micro Nozzle Kit 1015.11.014

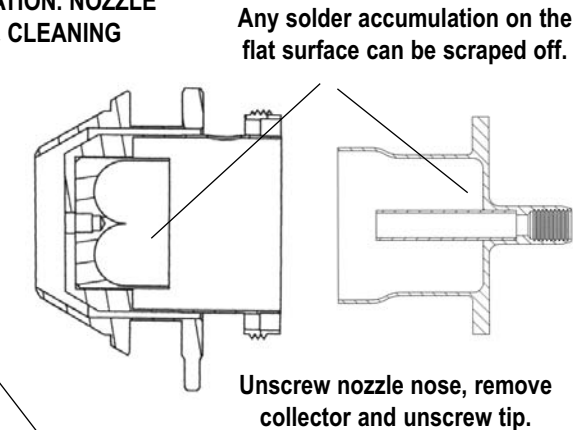


CLEANING INSTRUCTIONS

CAUTION: NOZZLE IS HOT DURING OPERATION. NOZZLE MUST BE COOL BEFORE DISASSEMBLY & CLEANING



Remove nozzle from ONYX using nozzle handling tool and place in nozzle stand when not in use and prior to cleaning.



Check condition of vacuum cup for wear and tear - replace when required. Vacuum cup must provide adequate seal for auto height adjustment. Program should provide means to test.

Micro Tip

BE CAREFUL OF THREADS

Use STB7 brush to clean inside tube of collector assembly.

TIP ID WILL REQUIRE CLEANING TO INSURE PROPER RESULTS.

- A pin vise and various drill sizes are supplied for cleaning
- Be careful to use the correct cleaning drill for each tip
- Small micro tips are fragile. Broken tips will effect performance.

IT IS ADVISABLE TO HAVE SPARE TIPS

- When tips require cleaning they should be removed, replaced with new spare tips and cleaned at the end of the day.
- The replacement tip must be fully engaged to the collector thread.

MICRO TIPS

1015.11.127 (.09 x .06)
 1015.11.136 (.074 x .042)
 1015.11.134 (.050 x .025)

CLEANING DRILLS

9007.99.119 (.055 dia.)
 9007.99.264 (.038 dia.)
 9007.99.046 (.0225 dia.)