

## QUICK-RELEASE NOZZLE ASSEMBLIES

- ◀ Uni-Spray Nozzles are injection molded from custom-blended polypropylene, a cost-effective material that is corrosion and heat-resistant and impervious to most chemicals.
- ◀ The tip design resists clogging and buildup due to its smooth shape and low coefficient of friction.
- ◀ A wide variety of Uni-Spray Clamp-On Nozzles are available to suit your application and are colour-coded for easy identification (see table below).
- ◀ All nozzles are available with a Single-Spring or an optional Double-Spring configuration for pressures over 4.0 bar.
- ◀ All nozzles are available in three spigot sizes, to fit 14 mm, 17 mm and 19 mm diameter holes in the riser.

### Mark 1 Adjustable Nozzle Assembly

- ◀ Permits directional adjustment of the nozzle tip anywhere within a 45° included angle.
- ◀ Interchangeable Nozzle Tips are available in Full Cone, Hollow Cone or Flat Spray styles with various combinations of spray angle and flow rate.
- ◀ The Mark 1 is also available with a Threaded Ball Connection in 1/8", 1/4", 3/8" and 1/2" BSPT, allowing the use of any threaded plastic, brass or steel nozzle.
- ◀ Refer to pages 4 and 5 for Assembly Details and Ordering Information, pages 11 and 14 for Tip Selection and page 15 for Replacement Parts.



### Mark 2 Fixed Nozzle Adapter

- ◀ Offers female threaded connections in 1/8", 1/4", 3/8" and 1/2" BSPT threads, allowing the use of any threaded plastic, brass or steel nozzle.
- ◀ See pages 6 and 7 for Assembly Details and Ordering Information.



### Available Sizes

The Mark 1 and Mark 2 Nozzle Assemblies are colour-coded for convenient identification, and are available to fit the following pipe sizes:

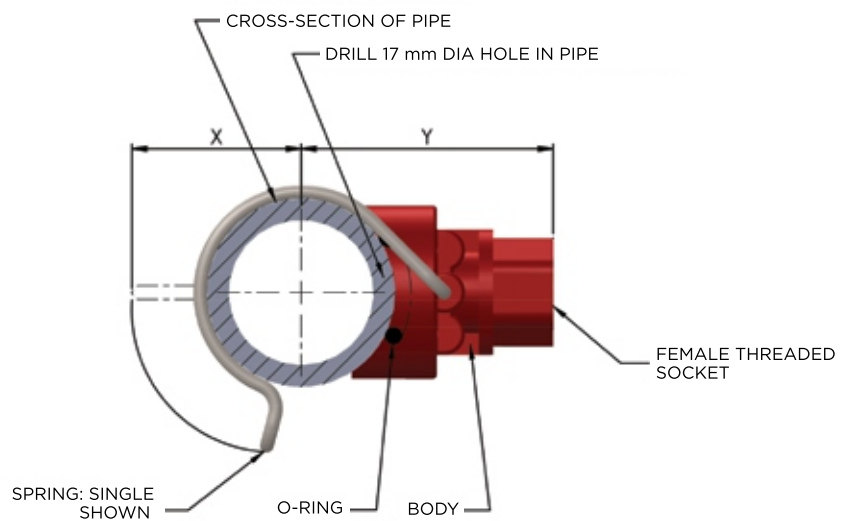
(mm)	Reg. Spigot (17 mm)	Sm. Spigot (14 mm)	Lg. Spigot (20 mm)
25 mm	Blue	Lt Blue	Lt Blue
32 mm	Red	Pink	Pink
40 mm	Purple	Mauve	Mauve
50 mm	Green	Lime green	Lime Green



## FEATURES

- Inexpensive
- Corrosion resistant
- Impervious to most chemicals
- Good heat resistance
- Injection-molded from custom-blended polypropylene
- Standard with Single Spring Clamp
- Optional Double Spring Clamps for pressures over 4.0 bar
- Available with threaded connection in 1/8", 1/4", 3/8" and 1/2" BSPT threads
- Nozzle bodies fit 17 mm diameter holes on the riser

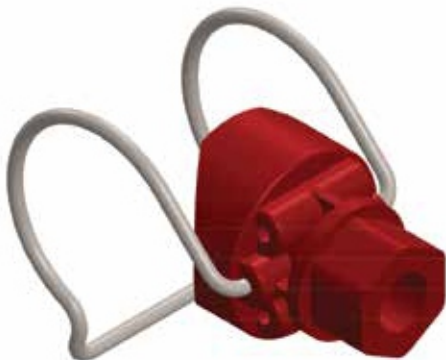
## Mark 2 Fixed Nozzle Adapter



## MAJOR DIMENSIONS

Pipe (mm)	X	Y	Reg. Spigot 17 mm
25 mm	43	51	Blue
32 mm	48	56	Red
40 mm	51	58	Purple
50 mm	57	64	Green

Also available with Double Springs for pressures from 4 to 10 bar.



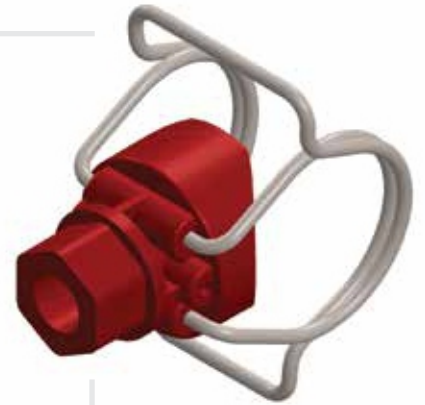
Uni-Spray manufactures all its high-quality spray systems in Canada. These products are available globally and distributed in 65 countries.

## Mark 2 Fixed Nozzle Adapter ORDERING INSTRUCTIONS

### How to order a Mark 2 Fixed Nozzle Adapter:

The complete Part Number tells us exactly what assembly you want.

For example, let's say that you want to order a Mark 2 Fixed Nozzle Adapter to fit onto a 32 mm (1 1/4") pipe, with Double Springs for high pressure, and a 1/4" NPT female threaded connection for use with your standard threaded nozzle tips:



#### STEP 1

The Part Number begins with UNI, followed by the pipe:

- UNI 100= 25 mm (1") pipe
- UNI 125= 32 mm (1 1/4") pipe
- UNI 150= 40 mm (1 1/2") pipe
- UNI 200= 50 mm (2") pipe

So in our example, we would have so far

UNI 125

#### STEP 2

The Thread Sizes are shown as follows:

NPT	BSPT
18 N= 1/8" NPT	18 B= 1/8" BSPT
14 N= 1/4" NPT	14 B= 1/4" BSPT
38 N= 3/8" NPT	38 B= 3/8" BSPT
12 N= 1/2" NPT	12 B= 1/2" BSPT

In our example we now have

UNI 125 14 N

#### STEP 3

Add M2 D to denote the Style, where D stands for Double Spring. If you wanted a Single Spring, the Style would be M2 S.

So in our example, we end up with

UNI 125 14 N M2 D

# SPRAY NOZZLE COMPONENTS



**MARK 1 ASSEMBLY (NO TIP) SINGLE CLAMP**  
 UNI 100 BSOC  
 UNI 125 BSOC  
 UNI 150 BSOC  
 UNI 200 BSOC



**MARK 1 BODY, CAP AND O-RING**  
 UNI 100 BCO  
 UNI 125 BCO  
 UNI 150 BCO  
 UNI 200 BCO



**MARK 1 BODY, SINGLE CLAMP AND O-RING**  
 UNI 100 BCO  
 UNI 125 BCO  
 UNI 150 BCO  
 UNI 200 BCO



**MARK 1 BODY ONLY**  
 UNI 100 B  
 UNI 125 B  
 UNI 150 B  
 UNI 200 B



**MARK 1 CAP**  
 UNI RC



**MARK 1 ASSEMBLY (NO TIP) DOUBLE CLAMP**  
 UNI 100 BSOC  
 UNI 125 BSOC  
 UNI 150 BSOC  
 UNI 200 BSOC



**MARK 1 OR MARK 2 SINGLE CLAMP**  
 UNI 100 SS  
 UNI 125 SS  
 UNI 150 SS  
 UNI 200 SS



**MARK 1 OR MARK 2 DOUBLE CLAMP SET**  
 UNI 100 SS *plus* UNI 100 DW  
 UNI 125 SS *plus* UNI 125 DW  
 UNI 150 SS *plus* UNI 150 DW  
 UNI 200 SS *plus* UNI 200 DW



**MARK 1 OR MARK 2 O-RING**  
 UNI ODM EPDW  
 UNI OVT VITON



**NOZZLE TIP**  
 SEE PAGES 11 and 14



**THREADED BALL**  
 SEE PAGE 14



**MARK 2 ADAPTER BODY**  
 UNI 100 M2 B  
 UNI 125 M2 B  
 UNI 150 M2 B  
 UNI 200 M2 B



**MARK 3 ASSEMBLY BASE**  
 SEE PAGES 8 and 9



**QUICK CHANGE TIP**  
 SEE PAGES 12 and 13



**QUICK CHANGE BALL**  
 SEE PAGES 12 and 13