

Nozzle brand Characteristics	Angle	Fluidics type SF (solid spray cone)			Fluidics type HF (hollow spray cone)			Remarks
		45°	60°	80°	45°	60°	80°	
<b>Danfoss OD</b> Solid spray cone type S / SR	45°	●						
	60°		●					
	80°			●				
Solid spray cone type S LE	45°	●						Please use Fluidics type SF with FixDrip nozzle valve
	60°		●					
	80°			●				
Hollow spray cone type H / HR	45°				●			
	60°					●		
	80°						●	
Hollow spray cone type H LE	45°				●			Please use Fluidics type HF with FixDrip nozzle valve
	60°					●		
	80°						●	
Semi hollow spray cone type B	45°	●			●			Up to size of 1.00 gph please use HF nozzles, above SF nozzles.
	60°		●			●		
	80°			●			●	
<b>Delavan CT</b> Solid spray cone type B	45°	●						
	60°		●					
	80°			●				
Universal type W	45°	●						Please use the next smaller nozzle size and increase pressure accordingly.
	60°		●					
	80°			●				
Hollow spray cone type A	45°				●			
	60°					●		
	80°						●	
Semi hollow spray cone type E	45°	●						Up to 1.00 gph please use HF nozzles, above SF nozzles.
	60°		●					
<b>Monarch</b> Solid spray cone type R	45°	●						Up to 3.50 gph this is Monarch's standard solid spray cone, then type PLP.
	60°		●					
	80°			●				
Hollow spray cone type NS	45°				●			Up to 2.00 gph type NS represents a hollow spray cone HF, then type PLP.
	60°					●		
	80°						●	
Hollow spray cone type PL	45°				●			From 2.25 gph type PL represent a typical hollow spray cone HF, for smaller sizes type NS is an equivalent type.
	60°					●		
	80°						●	
Semi hollow spray cone type PLP	45°	●						From 2.25 gph type PLP represents a typical solid spray nozzle SF of this size.
	60°		●					
	80°			●				
<b>Steinen</b> Solid spray cone type MST	45°	●						Steinen Micro-Flo™, solid spray cone.
	60°		●					
	80°			●				
Solid spray cone type ST	45°	●						Steinen Twin Filter, solid spray cone.
	60°		●					
	80°			●				
Solid spray cone type S	45°	●						This is Steinen's standard solid spray cone up to 4.00 gph, then type type SS.
	60°		●					
	80°			●				
Solid spray cone type SS	45°	●						Standard solid spray cone from 4.50 gph, below please see type S.
	60°		●					
	80°			●				
Hollow spray cone type MHT	45°				●			Steinen Micro-Flo™, hollow spray cone.
	60°					●		
	80°						●	
Hollow spray cone type HT	45°				●			Steinen Twin Filter, hollow spray cone.
	60°					●		
	80°						●	
Hollow spray cone type H	45°				●			This is Steinen's standard hollow spray cone up to 2.25 gph, then type PH.
	60°					●		
	80°						●	
Hollow spray cone type PH	45°				●			Standard hollow spray cone from 2.50 gph, below please see type H.
	60°					●		
	80°						●	

Please ask for our assistance in case of special spray pattern or spray angles.

This spread sheet shows the standard according to the manufacturers data. In case of batch variation of other nozzle brands results may differ from the theoretical data.

**Please note also:**

<i>Increasing pressure will</i>	increase spray angle decrease droplet size make pattern more hollow	<i>Decreasing pressure will</i>	decrease spray angle increase droplet diameter make pattern more solid
---------------------------------	---	---------------------------------	--