



THE
SPRAY NOZZLE
PEOPLE

Uni MK1

Nozzle Holder
Clamp On
Adjustable

Uni-Spray
Systems Inc.

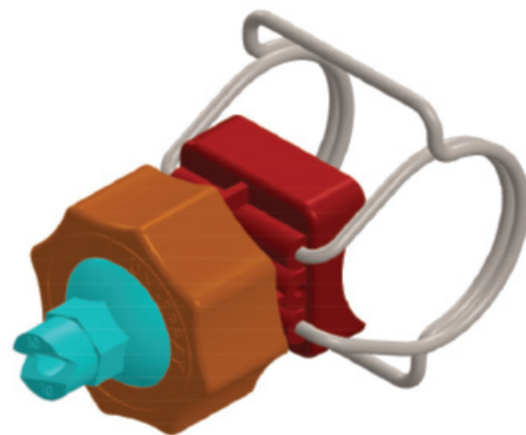
NOZZLE HOLDERS

DESIGN FEATURES

- ✓ Adjustable holder for ball socket nozzles
- ✓ Single clamp for up to 4 bar liquid pressure
- ✓ Double clamp for up to 6 bar liquid pressure
- ✓ Chemically inert materials
- ✓ Three spigot sizes available 14mm, 17mm and 19mm
- ✓ Clamp on holder suits pipes between 1" and 2" NB
- ✓ Wide range of ball socket nozzles available - standard, Quik-Change and threaded

FEATURES & BENEFITS

- ✓ Easily adjustable nozzle orientation
- ✓ Cross compatible with other major brands
- ✓ Quik-change tip variant available
- ✓ Colour coded for easy identification
- ✓ No need to tap threads for the nozzles

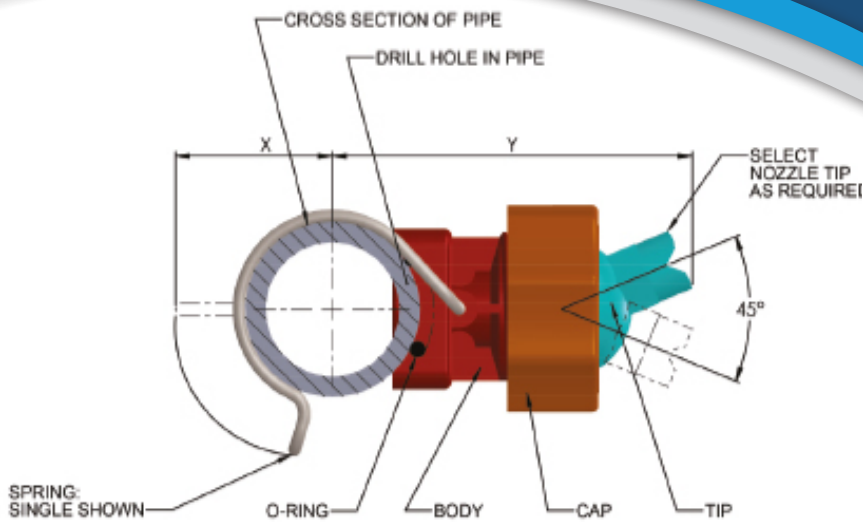


The MK1 clamp nozzle holder system from UniSpray is a handy way to attach spray nozzles to pipe work without the need for tapping threads. The ball socket nozzles allow the orientation and direction of the sprays to be changed easily. Once the nozzle direction is correct it can be locked in place by securing the orange retaining cap. The MK1 system was originally designed for use in pre-treatment spray tunnels but it can be used in any situation where easily adjustable nozzles are required.

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The Go-to People for spray nozzle solutions



Flat Fan Ball Socket Nozzles for MK1 and MK3 nozzle holders

Code	Colour	Spray Angle	Pattern Type	Flow Rate @ Pressure					
				0.5 Bar	0.7 Bar	1 Bar	2 Bar	3 Bar	5 Bar
UNI 0080	Dk. Green	0°	Flat Spray	12.92	15.3	18.28	25.84	31.65	40.86
UNI 3040	Black	30°	Flat Spray	6.59	7.8	9.32	13.18	16.14	20.84
UNI 4050	Dk. Green	40°	Flat Spray	8.17	9.67	11.56	16.34	20.02	25.84
UNI 4020	Turquoise	40°	Flat Spray	3.16	3.74	4.47	6.32	7.75	10
UNI 50100	Grey	50°	Flat Spray	16.09	19.04	22.75	32.17	39.4	50.87
UNI 5070	Blue	50°	Flat Spray	11.34	13.42	16.04	22.68	27.78	35.86
UNI 5060	Orange	50°	Flat Spray	9.76	11.55	13.8	19.52	23.91	30.86
UNI 5050	Pink	50°	Flat Spray	8.17	9.67	11.56	16.34	20.02	25.84
UNI 5040	Mauve	50°	Flat Spray	6.59	7.8	9.32	13.18	16.14	20.84
UNI 5030	Blue	50°	Flat Spray	4.74	5.62	6.71	9.49	11.62	15
UNI 5020	Lt. Green	50°	Flat Spray	3.16	3.74	4.47	6.32	7.75	10
UNI 6560	Green	65°	Flat Spray	9.76	11.55	13.8	19.52	23.91	30.86
UNI 6550	Red	65°	Flat Spray	8.17	9.67	11.56	16.34	20.02	25.84
UNI 6540	Yellow	65°	Flat Spray	6.59	7.8	9.32	13.18	16.14	20.84
UNI 6530	Purple	65°	Flat Spray	4.74	5.62	6.71	9.49	11.62	15
UNI 6520	Grey	65°	Flat Spray	3.16	3.74	4.47	6.32	7.75	10
UNI 8070	Beige	80°	Flat Spray	11.34	13.42	16.04	22.68	27.78	35.86
UNI 8060	Beige	80°	Flat Spray	9.76	11.55	13.8	19.52	23.91	30.86
UNI 8050	Dk. Green	80°	Flat Spray	8.17	9.67	11.56	16.34	20.02	25.84
UNI 8040	Beige	80°	Flat Spray	6.59	7.8	9.32	13.18	16.14	20.84
UNI 8010	Black	80°	Flat Spray	1.58	1.87	2.24	3.16	3.87	5
UNI 8006	Lt. Green	80°	Flat Spray	0.98	1.15	1.38	1.95	2.39	3.08
UNI 9560	Dk. Green	95°	Flat Spray	9.76	11.55	13.8	19.52	23.91	30.86
UNI 12010	Grey	120°	Flat Spray	1.58	1.87	2.24	3.16	3.87	5
UNI 12070	Black	120°	Flat Spray	11.34	13.42	16.04	22.68	27.78	35.86
UNIPLUG	GreyPLUG TO BLANK-OFF SPRAY								

Threaded ball sockets

Instead of a complete ball socket nozzle a threaded ball socket is available. This allows for any suitably threaded spray nozzle to be attached to, and used with, the MK1 adjustable holder.

Threaded Ball Sockets

064	UNI 1/8 BSPT	Beige	1/8" BSPT FEMALE
066	UNI 1/4 BSPT	Beige	1/4" BSPT FEMALE
068	UNI 3/8 BSPT	Beige	3/8" BSPT FEMALE
070	UNI 1/2 BSPT	Beige	1/2" BSPT FEMALE



Full & Hollow Cone Ball Socket Nozzles for MK1 and MK3 nozzle holders

Code	Colour	Spray Angle	Pattern Type	Flow Rate @ Pressure					
				0.5 Bar	0.7 Bar	1 Bar	2 Bar	3 Bar	5 Bar
UNI 29 HC	Dk. Green	50°	Hollow Cone	9.4	11.13	13.3	18.81	23.04	29.74
UNI 50 HC	Black	65°	Hollow Cone	15.82	18.73	22.37	31.64	38.75	50.03
UNI 08 HC	Blue	90°	Hollow Cone	2.38	2.81	3.36	4.75	5.82	7.51
UNI 20 HC	Orange	65°	Hollow Cone	6.33	7.49	8.95	12.65	15.49	20
UNI 25 HC	Red	65°	Hollow Cone	6.86	8.11	9.69	13.71	16.79	21.68
UNI 35 HC	Blue	65°	Hollow Cone	11.61	13.74	16.41	23.21	28.43	36.7
UNI 16 FC	Turquoise	40°	Full Cone	5.01	5.93	7.08	10.02	12.27	15.84
UNI 17 FC	Yellow	80°	Full Cone	5.27	6.24	7.46	10.55	12.92	16.68
UNI 52 FC	Pink	65°	Full Cone	16.35	19.35	23.12	32.7	40.05	51.7

Clamp Sizes

The MK1 clamp holders were specified to fit around standard schedule 40 steel pipes with the stated nominal bore (1" - 2"). Plastic piping is generally listed as the outer diameter in mm which differs somewhat from the outer diameters of standard steel pipe. There is some leeway in the spring clamps and the MK1 holder is suitable for most standard plastic pipes. The table below should serve as a guide to size the correct clamp holder.

Clamp size Nominal bore	Standard ID for schedule 40 pipe	Standard OD for schedule 40 pipe	Max OD for clamps to fit	Min OD for clamps to fit
1"	25.4mm	33.4mm	35mm	32mm
1 1/4"	35.1mm	42.2mm	44mm	40mm
1 1/2"	40.9mm	48.3mm	50mm	47mm
2"	52.5mm	60.3mm	63mm	59mm



“Quik-Change” tips

The following range of nozzles are available with “Quik-Change” tips. These tips have a bayonet fitting.

“Quik-Change” Tip Nozzles for MK1, MK3 & MK4 nozzle holders

Code	Colour	Spray Angle	Pattern Type	Flow Rate @ Pressure					
				0.5 Bar	0.7 Bar	1 Bar	2 Bar	3 Bar	5 Bar
UNI 29 HC	Dk. Green	50°	Hollow Cone	9.4	11.13	13.3	18.81	23.04	29.74
UNI 0080QC	Dk. Green	0°	Flat Spray	12.92	15.3	18.28	25.84	31.65	40.86
UNI 1550QC	Pink	15°	Flat Spray	7.91	9.37	11.19	15.83	19.38	25.03
UNI 50100QC	Grey	50°	Flat Spray	16.09	19.04	22.75	32.17	39.4	50.87
UNI 5070QC	Blue	50°	Flat Spray	11.34	13.42	16.04	22.68	27.78	35.86
UNI 5060QC	Orange	50°	Flat Spray	9.76	11.55	13.8	19.52	23.91	30.86
UNI 5050QC	Pink	50°	Flat Spray	8.17	9.67	11.56	16.34	20.02	25.84
UNI 65100QC	Lt. Green	65°	Flat Spray	16.09	19.04	22.75	32.17	39.4	50.87
UNI 65700QC	Red	65°	Flat Spray	11.34	13.42	16.04	22.68	27.78	35.86
UNI 6560QC	Green	65°	Flat Spray	9.76	11.55	13.8	19.52	23.91	30.86
UNI 6550QC	Red	65°	Flat Spray	8.17	9.67	11.56	16.34	20.02	25.84
UNI 6540QC	Yellow	65°	Flat Spray	6.59	7.8	9.32	13.18	16.14	20.84
UNI 6530QC	Purple	65°	Flat Spray	4.74	5.62	6.71	9.49	11.62	15
UNI 8070QC	Beige	80°	Flat Spray	11.34	13.42	16.04	22.68	27.78	35.86
UNI 8050QC	Dk. Green	80°	Flat Spray	8.17	9.67	11.56	16.34	20.02	25.84
UNI 8040QC	Beige	80°	Flat Spray	6.59	7.8	9.32	13.18	16.14	20.84
UNI 8020QC	Yellow	80°	Flat Spray	3.16	3.74	4.47	6.32	7.75	10
UNI 8010QC	Black	80°	Flat Spray	1.58	1.87	2.24	3.16	3.87	5
UNI 8006QC	Lt. Green	80°	Flat Spray	0.98	1.15	1.38	1.95	2.39	3.08
UNI 9540QC	Black	95°	Flat Spray	6.59	7.8	9.32	13.18	16.14	20.84
UNI 9530QC	Grey	95°	Flat Spray	4.74	5.62	6.71	9.49	11.62	15
UNI 9520QC	Red	95°	Flat Spray	3.16	3.74	4.47	6.32	7.75	10
UNI 9503QC	Orange	95°	Flat Spray	0.47	0.56	0.67	0.94	1.16	1.49
UNI 12010QC	Grey	120°	Flat Spray	1.58	1.87	2.24	3.16	3.87	5
UNI 12070QC	Black	120°	Flat Spray	11.34	13.42	16.04	22.68	27.78	35.86
UNI 29HCQC	Dk. Green	50°	Hollow Cone	9.23	10.93	13.05	18.46	22.61	29.19
UNI 50HCQC	Black	65°	Hollow Cone	15.82	18.73	22.37	31.64	38.75	50.03