

# Tungsten Carbide Spray Nozzel Selection

## X - XXX

For MG-3000 use . . . . .	-----Orifice size in thousandths of an inch
. . . . . M2-----	
For LW-2500 use . . . . .	-----1/2 spray pattern width in inches at 12
. . . . . LW-----	inches away
For ATG-3500 use . . . . .	(double for actual width)
. . . . . ATG-----	
For ATC-4000 use . . . . .	
. . . . . ATC-----	
For MIX-1000 use . . . . .	
. . . . .ALCEL-----	
For MIX-6000-C or MIX-5500-G use .	
. . . . . MIX-----	

*\*\* It is important to select the proper spray nozzle in order to get the optimum efficiency out of your MVP Spraying System\*\**

### DETERMINING FACTORS

**PATTERN WIDTH** - The type and size of the mold being sprayed will determine the pattern width. Too wide may produce waste.

**OUTPUT** - The orifice size and fluid pressure determine the material output of a spray nozzle. The following chart will help in selecting the proper spray nozzle.

#### BASED ON FLOW OF WATER

Standard Orifice Size	GPM - 500 PSI	GPM - 1000 PSI
.015	.12	.16
.018	.18	.25
.021	.24	.33
.023	.28	.40
.026	.35	.50
.031	.53	.75
.036	.71	1.00
.043	1.10	1.50
.049	1.30	1.85
.052	1.40	2.00
.058	1.60	2.50
.062	2.10	3.00
.068	2.50	3.50
.072	2.80	4.00
.078	3.50	5.00
.085	3.90	5.50