

AQ

## INDUSTRIAL SPRAY NOZZLES - FLAT SPRAY

### SPRAY CHARACTERISTICS

- Produces a uniform flat fan shaped pattern.
- Requires minimal overlapping to produce an even distribution when used in multiple nozzle system.
- High pressure body design with replaceable insert.
- A wide range of flow rates and spray angles.
- 0° nozzle sizes available on request.

### CONSTRUCTION AND MATERIALS

- 3 piece construction. Body, insert and retaining screw.
- The orifice insert is manufactured in Tungsten Carbide for maximum wear resistance at higher pressures.
- The insert is recessed for protection.
- The high pressure body and retaining screw are manufactured in Stainless Steel as standard.
- Standard thread is 1/4" Male BSPT.
- Special bodies can be made to order.

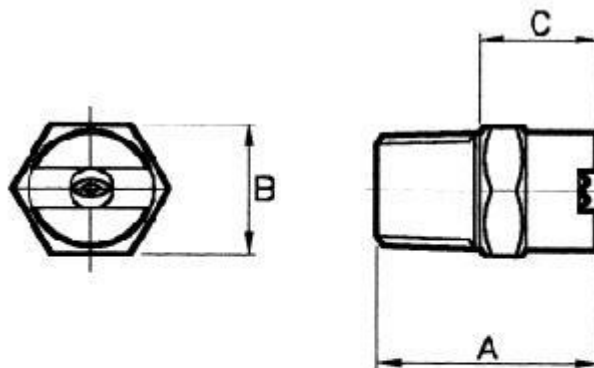
### ORDER EXAMPLE

1/4" AQ 4-65°.

Maximum Recommended Pressure: 350 Bar.G.}



## CAPACITY CHARTS



DIMENSIONS AND WEIGHTS

Thread Size	Dimensions (mm)			Weight (g)
	A	B	C	
1/4"	24,5	15,3	13,0	26

## CAPACITY CHART

NOZZLE NUMBER	Equiv. orifice size (mm)	FLOW RATE IN LITRES/MIN AT Bar.G.								SPRAY ANGLES (°) @ 70 Bar.G.					
		35	50	70	100	140	210	280	350	25	40	50	65	80	95
AQ 0,5	0,45	0,68	0,81	0,94	1,14	1,36	1,66	1,92	2,15						
AQ 0,6	0,51	0,75	0,89	1,06	1,26	1,51	1,84	2,13	2,38						
AQ 0,7	0,53	0,90	1,07	1,25	1,52	1,78	2,18	2,51	2,81						
AQ 0,8	0,61	1,14	1,36	1,59	1,92	2,27	2,78	3,21	3,59						
AQ 1,0	0,66	1,32	1,57	1,89	2,23	2,63	3,22	3,71	4,15						
AQ 1,25	0,74	1,70	2,03	2,38	2,87	3,39	4,15	4,79	5,36						
AQ 1,5	0,79	2,00	2,39	2,83	3,38	3,97	4,86	5,61	6,27						
AQ 2,0	0,91	2,68	3,20	3,78	4,53	5,29	6,47	7,48	8,36						
AQ 2,5	1,04	3,33	3,98	4,54	5,62	6,62	8,10	9,36	10,4						
AQ 3,0	1,09	4,16	4,97	5,67	7,03	7,94	9,72	11,2	12,5						
AQ 3,5	1,22	4,54	5,42	6,44	7,67	9,46	11,5	13,3	14,9						
AQ 4,0	1,32	5,30	6,33	7,57	8,95	10,5	12,8	14,8	16,6						
AQ 6,0	1,57	7,95	9,50	11,3	13,4	15,8	19,3	22,3	24,9						
AQ 8,0	1,83	10,6	12,6	15,1	17,9	21,1	25,8	36,4	33,3						
AQ 11,5	2,16	15,5	18,5	21,6	26,2	30,6	37,4	43,2	48,3						