

SPRAY CHARACTERISTICS

- Produces a uniform, flat spray pattern without hard edges at pressure of 0.5 bar and up.
- Tapered edges of pattern allow overlapping for even distribution.
- Impact of spray is generally greater with narrower spray angles assuming equal flow rates.
- Available spray angles of 0°, 15°, 25°, 40°, 50°, 65°, 80°, 90°, 100° and 110°.

CONSTRUCTION AND MATERIALS

- One piece Male BSPT thread design.
- Hexagon body with wrench flats avoid distortion when tightening.
- Tapered inlet reduces wear and resists clogging.
- Will accept optional strainer (see chart).
- Brass, Stainless Steel and Hardened Stainless Steel.
- Other materials available to special order.

ORDER EXAMPLE

1/4" ACS 10-65° Stainless Steel.

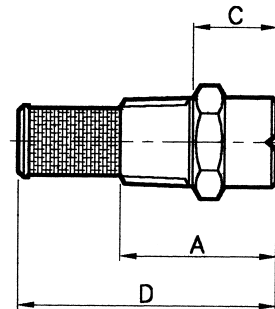
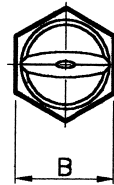


OPTIONAL, STRAINER

Nozzle Size & Material	Suggested Mesh Sizes		
	ACS 2 TO ACS 4 200's	ACS 5 TO ACS 7 100's	ACS 8 TO ACS 10 50's
1/8 Brass	W11464-105	W11464-104	W11464-102
1/8 St. St.	W11464-305	W11464-304	W11464-302
1/4 Brass	W00089-103	W00089-102	W00089-101
1/4 St. St.	W00089-303	W00089-302	W00089-301

DIMENSIONS AND WEIGHTS

Thread Size	Nozzle Type	Dimensions (mm)				Weight (g)
		A	B Hex	C	D	
1/8	ACS	17,5	11,3	9,5	27,0	14
1/4	ACS	24,5	15,3	13,0	40,5	27



FLAT SPRAY

TYPE ACS

CAPACITY CHART

Maximum Recommended Pressure: 100 Bar.G.

NOZZLE NUMBER	BSPT THREAD SIZE		EQUIV. ORIFICE DIA. (mm)	FLOW RATE IN LITRES/MIN AT Bar.G.								SPRAY ANGLES (°) @ 2.8 Bar.G.									
	1/8	1/4		0,7	1,0	2	3	4	5	7	10	0	15	25	40	50	65	80	90	100	110
2.0			0,9	0,38	0,46	0,65	0,80	0,89	0,99	1,24	1,43									*	*
3.0			1,10	0,57	0,68	0,97	1,18	1,36	1,53	1,81	2,23									*	*
4.0			1,25	0,75	0,90	1,27	1,56	1,83	2,03	2,38	2,86										*
4.5			1,3	0,85	1,01	1,43	1,75	2,05	2,29	2,70	3,21										
5.0			1,4	0,96	1,15	1,62	1,99	2,28	2,55	3,02	3,62										
5.5			1,45	1,05	1,26	1,78	2,18	2,50	2,81	3,29	4,11										
6.0			1,5	1,15	1,37	1,94	2,37	2,72	3,07	3,61	4,46										
6.5			1,6	1,24	1,48	2,09	2,56	3,00	3,33	3,80	4,91										
7.0			1,65	1,33	1,59	2,25	2,75	3,21	3,54	4,21	5,36										
8.0			1,75	1,53	1,83	2,59	3,17	3,66	3,98	5,03	5,80										
8.5			1,8	1,62	1,94	2,74	3,36	3,88	4,32	5,03	5,80										
9.0			1,9	1,72	2,05	2,90	3,55	4,11	4,75	5,50	6,25										
10			2,0	1,90	2,27	3,21	3,93	4,46	5,19	5,95	7,14										

* Brass Only

Contact our Helpline for any special requirements:
Tel: +44 (0) 151 424 6821
Fax: +44 (0) 151 495 1043
e-mail: sales@delavan.co.uk
Web: www.delavan.co.uk

