

SPRAY CHARACTERISTICS

- Uniform distribution with finest possible atomisation using direct liquid pressure alone.
- The standard spray angles of 40°, 60° or 80° are the nominal angles close to the nozzle orifice.
- For small capacity tips up to say 8 litres/hour the angle falls off rapidly a few inches from the tip. The larger the tip size the further the nominal angle projects before the spray begins to fall away.
- The nozzles produce a hollow cone spray but with the small capacity tips the spray rapidly merges into a "Solid" cone type.

CONSTRUCTION AND MATERIALS

- Nozzle tips precision machined to ensure most perfect spray available at low throughputs.
- Internal distributor, screw pin and strainers are renewable in most sizes.
- Available in Brass and 316 Stainless Steel as standard.
- Nozzle has 1/4" Male BSPT thread as standard.
- Other materials available to special order.

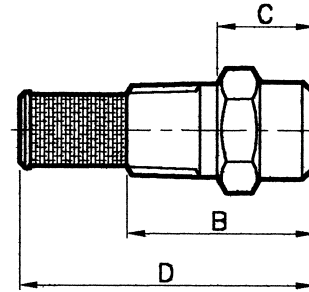
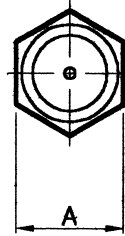
ORDER EXAMPLE

WM 1408 Brass.



DIMENSIONS AND WEIGHTS

| A Hex | Dimensions (mm) | | | Weight (g) |
|-------|-----------------|------|------|------------|
| | B | C | D | |
| 15,9 | 27,8 | 16,7 | 44,5 | 14 |



CAPACITY CHART

Maximum Recommended Pressure: 35 Bar.G.

| NOZZLE NUMBERS SPRAY ANGLES AT 7 Bar.G. | | | MAX MESH SIZE | FLOW RATE IN LITRES/HOUR AT Bar.G. | | | | | | | |
|--|---------|---------|---------------|------------------------------------|------|-------|-------|-------|-------|-------|-------|
| 40° | 60° | 80° | | 1,5 | 2 | 3 | 3,5 | 4 | 6 | 7 | 8 |
| WM 054 | WM 056 | WM 058 | 200 | - | - | - | - | 1,47 | 2,04 | 2,29 | 2,46 |
| WM 074 | WM 076 | WM 078 | 200 | - | - | 2,22 | 2,42 | 2,59 | 3,12 | 3,20 | 3,48 |
| WM 104 | WM 106 | WM 108 | 200 | - | - | 3,08 | 3,25 | 3,53 | 4,36 | 4,57 | 5,04 |
| WM 124 | WM 126 | WM 128 | 200 | - | - | 3,74 | 4,03 | 4,20 | 5,21 | 5,49 | 5,80 |
| WM 154 | WM 156 | WM 158 | 200 | - | - | 4,97 | 5,03 | 5,36 | 6,39 | 6,86 | 7,23 |
| WM 204 | WM 206 | WM 208 | 80 | 4,73 | 5,36 | 6,39 | 6,86 | 7,37 | 8,76 | 9,15 | 9,37 |
| WM 254 | WM 256 | WM 258 | 80 | 5,92 | 6,47 | 7,91 | 8,32 | 8,93 | 10,7 | 11,4 | 12,1 |
| WM 304 | WM 306 | WM 308 | 80 | 6,87 | 8,04 | 9,47 | 10,1 | 10,6 | 12,8 | 13,7 | 14,4 |
| WM 354 | WM 356 | WM 358 | 80 | 8,05 | 9,15 | 10,9 | 11,5 | 12,3 | 14,9 | 16,0 | 17,0 |
| WM 404 | WM 406 | WM 408 | 80 | 9,00 | 10,0 | 12,3 | 13,1 | 14,1 | 17,0 | 18,3 | 19,4 |
| WM 454 | WM 456 | WM 458 | 80 | 10,27 | 11,5 | 13,7 | 14,6 | 15,6 | 18,9 | 20,6 | 21,9 |
| WM 504 | WM 506 | WM 508 | 80 | 10,89 | 12,7 | 15,2 | 16,1 | 17,4 | 21,1 | 22,9 | 24,5 |
| WM 554 | WM 556 | WM 558 | 80 | 12,31 | 13,8 | 16,8 | 17,8 | 19,2 | 23,2 | 25,2 | 26,9 |
| WM 604 | WM 606 | WM 608 | 80 | 13,26 | 15,1 | 18,0 | 19,2 | 21,0 | 25,6 | 27,4 | 29,2 |
| WM 704 | WM 706 | WM 708 | 80 | 15,62 | 17,9 | 21,3 | 22,8 | 24,6 | 29,8 | 32,0 | 34,4 |
| WM 804 | WM 806 | WM 808 | 80 | 17,52 | 20,1 | 26,0 | 26,5 | 27,7 | 34,3 | 36,6 | 39,7 |
| WM 1004 | WM 1006 | WM 1008 | 80 | 21,31 | 24,6 | 30,1 | 32,5 | 34,6 | 42,6 | 45,7 | 49,1 |
| WM 1054 | WM 1056 | WM 1058 | 80 | 22,49 | 25,4 | 31,2 | 33,8 | 36,4 | 45,0 | 48,0 | 51,3 |
| WM 1154 | WM 1156 | WM 1158 | 40 | 25,1 | 29,5 | 35,0 | 38,0 | 41,1 | 49,2 | 52,6 | 55,8 |
| WM 1404 | WM 1406 | WM 1408 | 40 | 28,4 | 33,5 | 41,2 | 44,6 | 47,5 | 59,7 | 64,0 | 67,9 |
| WM 1704 | WM 1706 | WM 1708 | 40 | 33,6 | 39,7 | 49,2 | 52,6 | 56,2 | 69,8 | 77,8 | 85,3 |
| WM 2004 | WM 2006 | WM 2008 | 40 | 43,6 | 49,1 | 59,2 | 64,0 | 69,2 | 85,2 | 91,5 | 97,3 |
| WM 2504 | WM 2506 | WM 2508 | 40 | 52,1 | 60,3 | 73,4 | 78,2 | 84,8 | 104,2 | 114,3 | 122,8 |
| WM 3004 | WM 3006 | WM 3008 | 40 | 66,3 | 74,1 | 90,0 | 94,2 | 101,3 | 125,0 | 137,2 | 150,4 |
| WM 3504 | WM 3506 | WM 3508 | 40 | 75,8 | 86,6 | 104,2 | 109,8 | 117,2 | 144,9 | 160,1 | 175,0 |
| WM 4004 | WM 4006 | WM 4008 | 40 | 85,2 | 99,3 | 118,4 | 125,8 | 133,9 | 165,7 | 183,0 | 200,9 |

HOLLOW CONE SPRAY

TYPE WM

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

