



# UGELLO M15X1 / M15X1 SPRAY TIP



**Materiali:** ottone - allumina

**Prestazioni ugelli impiegati con:** "Turbo" 400 - "Turbine" evolution - "Turbine" - M21 evolution - Getti AP - Getti OR

**Confezioni da:** 10

**Materials:** brass - alumina

**Performances for spray tips fitted to:** "Turbo" 400 - "Turbine" evolution - "Turbine" - M21 evolution - AP nozzles - OR nozzles

**Pieces per box:** 10

COME SI ORDINA		PRESTAZIONI	PRESSIONE													
CODICE	FORO mm		15 bar		25 bar		35 bar		40 bar		45 bar		50 bar		60 bar	
			cono	spillo	cono	spillo	cono	spillo	cono	spillo	cono	spillo	cono	spillo	cono	spillo
68.1802.49	Ø 1.0	portata l/min angolo di spruzzo gittata max. m.	2.45 18° 2.50	2.50 - 5.00	3.00 18° 2.80	3.10 - 5.50	3.40 20° 3.00	3.50 - 6.00	3.55 20° 3.00	3.65 - 6.50	3.75 22° 3.00	3.85 - 7.00	4.00 22° 3.50	4.10 - 7.50	4.40 22° 3.50	4.55 - 8.00
68.1802.50	Ø 1.2	portata l/min angolo di spruzzo gittata max. m.	3.60 22° 2.80	3.80 - 5.80	4.25 22° 3.00	4.60 - 6.20	4.70 24° 3.20	5.40 - 6.50	5.20 24° 3.40	5.90 - 6.90	5.35 26° 3.40	6.10 - 7.50	5.60 26° 3.60	6.30 - 8.00	6.20 26° 3.70	7.00 - 9.00
68.1802.51	Ø 1.5	portata l/min angolo di spruzzo gittata max. m.	4.60 25° 3.00	5.10 - 7.00	5.70 28° 3.20	6.50 - 7.80	6.60 28° 3.40	7.40 - 8.50	6.90 28° 3.50	7.80 - 9.20	7.30 30° 3.60	8.20 - 9.60	7.70 30° 3.80	8.60 10 4.00	8.30 30° 4.00	9.50 - 10.50
68.1802.52	Ø 1.8	portata l/min angolo di spruzzo gittata max. m.	5.90 28° 3.20	7.30 - 7.90	7.20 30° 3.50	9.30 - 8.50	8.50 33° 3.70	10.80 - 9.00	9.20 33° 3.90	11.70 - 9.70	9.70 35° 4.20	12.20 - 10.40	10.50 35° 4.50	12.70 11.00	11.80 35° 4.70	13.60 - 12.00
68.1802.53	Ø 2.0	portata l/min angolo di spruzzo gittata max. m.	6.90 30° 3.50	8.80 - 8.50	8.10 32° 3.80	11.70 - 9.50	10.20 35° 4.00	13.40 - 10.50	10.90 35° 4.30	14.30 - 11.00	14.30 35° 4.60	15.20 - 11.50	12.50 37° 4.80	15.80 - 12.00	13.50 37° 5.10	17.10 - 13.00
68.1802.54	Ø 2.3	portata l/min angolo di spruzzo gittata max. m.	8.10 40° 3.70	10.80 - 9.50	10.20 40° 4.00	14.10 - 10.50	12.90 42° 4.50	16.80 - 11.50	13.70 42° 4.80	17.90 - 12.00	14.30 45° 5.10	18.80 - 12.50	14.90 45° 5.50	19.70 13.00	15.90 45° 5.80	22.10 - 14.00
68.1802.16	Ø 2.5	portata l/min angolo di spruzzo gittata max. m.	9.20 42° 3.60	13.00 - 9.00	11.40 42° 3.80	16.40 - 9.80	14.00 45° 4.00	19.10 - 10.80	14.50 45° 4.50	21.00 - 11.50	15.40 50° 4.80	22.00 - 12.00	16.40 50° 5.00	23.00 - 12.50	18.20 50° 5.40	25.40 - 13.20
68.1802.17	Ø 3.0	portata l/min angolo di spruzzo gittata max. m.	11.50 48° 3.80	18.40 - 9.50	14.40 48° 4.00	24.10 - 10.50	18.00 52° 4.20	28.20 - 11.00	18.80 52° 4.50	30.10 - 11.80	19.60 55° 4.80	31.50 - 12.20	20.90 55° 5.00	33.00 - 13.00	22.80 55° 5.20	36.30 - 13.50
68.1802.18	Ø 3.5	portata l/min angolo di spruzzo gittata max. m.	13.10 55° 3.80	24.20 - 9.50	16.80 55° 4.00	30.50 - 10.80	20.00 60° 4.20	36.00 - 11.20	21.40 60° 4.50	38.50 - 12.00	23.00 60° 4.80	41.50 - 12.50	24.50 60° 5.00	44.00 - 13.20	27.50 60° 5.20	50.00 - 14.00

HOW TO ORDER		PERFORMANCES	PRESSURE													
CODE	HOLE DIA. mm		200 psi		350 psi		500 psi		600 psi		650 psi		700 psi		850 psi	
			cone	straight	cone	straight	cone	straight	cone	straight	cone	straight	cone	straight	cone	straight
68.1802.49	Ø 1.0	capacity US/GPM spray angle max. throw ft.	0.61 18° 7.69	0.62 - 15.34	0.78 18° 9.04	0.81 - 1.78	0.9 20° 9.88	0.93 - 1.98	0.99 20° 10.4	1.02 - 22.5	1.01 22° 10.4	1.03 - 23.3	1.04 22° 11.3	1.07 - 24.2	1.16 22° 11.4	1.20 - 26.1
68.1802.50	Ø 1.2	capacity US/GPM spray angle max. throw ft.	0.89 22° 8.6	0.94 - 1.78	1.11 22° 9.69	1.2 - 2.0	1.25 24° 10.5	1.43 - 2.14	1.37 24° 11.3	1.57 - 23.9	1.43 26° 11.3	1.64 - 25	1.53 26° 11.6	1.76 - 25.8	1.63 26° 12.1	1.84 - 29.4
68.1802.51	Ø 1.5	capacity US/GPM spray angle max. throw ft.	1.14 25° 9.2	1.26 - 2.15	1.48 28° 10.3	1.7 - 2.52	1.8 28° 11.2	2 - 2.8	1.9 28° 12.1	2.2 - 3.18	2 30° 12.1	2.3 - 3.2	2.1 30° 12.3	2.4 - 3.23	2.2 30° 13.1	2.5 - 34.3
68.1802.52	Ø 1.8	capacity US/GPM spray angle max. throw ft.	1.5 28° 9.8	1.8 - 24.3	1.9 30° 11.3	2.4 - 2.74	2.3 33° 1.22	2.9 - 2.97	2.6 33° 1.35	3.3 - 3.36	2.7 35° 1.4	3.4 - 34.7	2.8 35° 1.45	3.5 - 35.5	3.1 35° 15.4	3.6 - 39.2
68.1802.53	Ø 2.0	capacity US/GPM spray angle max. throw ft.	1.7 30° 10.8	2.2 - 26.1	2.1 32° 12.3	3.1 - 30.7	2.7 35° 1.32	3.6 - 34.6	3 35° 14.9	4 - 38.1	3.1 35° 15.3	4.1 - 38.3	3.3 37° 15.5	4.2 - 38.8	3.6 37° 16.7	4.5 - 42.5
68.1802.54	Ø 2.3	capacity US/GPM spray angle max. throw ft.	2.1 40° 11.4	2.7 - 2.9	2.7 40° 12.9	3.7 - 33.9	3.4 42° 14.8	4.5 - 3.79	3.8 42° 16.6	4.9 - 41.5	3.8 45° 17.0	5 - 41.7	3.9 45° 17.7	5.1 - 42.0	4.2 45° 19	5.8 - 45.7
68.1802.16	Ø 2.5	capacity US/GPM spray angle max. throw ft.	2.3 42° 11.1	3.2 - 2.77	3 42° 12.3	4.3 - 3.16	3.7 45° 1.32	5.1 - 3.56	4 45° 1.56	5.9 - 3.98	4.1 50° 1.60	5.9 - 4.0	4.3 50° 1.61	6 - 40.4	4.9 50° 18	6.8 - 44.1
68.1802.17	Ø 3.0	capacity US/GPM spray angle max. throw ft.	2.9 48° 11.7	4.6 - 2.92	3.7 48° 12.9	6.3 - 3.39	4.8 52° 1.38	7.5 - 3.62	5.2 52° 1.56	8.4 - 40.8	5.3 55° 1.60	8.5 - 40.7	5.4 55° 1.62	8.6 - 42	6 55° 17	9.6 - 44.1
68.1802.18	Ø 3.5	capacity US/GPM spray angle max. throw ft.	3.2 55° 11.7	6 - 2.92	4.4 55° 12.9	7.9 - 34.9	5.3 60° 1.38	9.5 - 3.69	6 60° 1.56	10.7 - 41.5	6.2 60° 1.6	11.1 - 41.7	6.4 60° 1.62	11.4 - 42.6	7.2 60° 17	13.2 - 45.8