

100 SERIES

TAPER BORE NOZZLE: 24° Trajectory

Pressure BAR	0.50 in 12.7 mm		0.55 in 14.0 mm		0.60 in 15.2 mm		0.65 in 16.5 mm		0.70 in 17.8 mm		0.75 in 19.1 mm		0.80 in 20.3 mm		0.85 in 21.6 mm		0.90 in 22.9 mm		1.00 in 25.4 mm	
	m³/hr	Rad. (m)	m³/hr	Rad. (m)	m³/hr	Rad. (m)	m³/hr	Rad. (m)	m³/hr	Rad. (m)	m³/hr	Rad. (m)	m³/hr	Rad. (m)	m³/hr	Rad. (m)	m³/hr	Rad. (m)	m³/hr	Rad. (m)
2.75	10.4	29.5	13.0	31.0	14.9	32.5	17.7	34.0	20.5	35.0	23.3	36.5	26.6	38.0	30.4	39.0	34.0	40.0	-	-
3.0	10.8	30.0	13.5	31.5	15.6	33.0	18.5	34.5	21.4	36.0	24.4	37.5	27.7	39.0	31.7	40.0	35.5	41.0	43.3	43.5
3.5	11.7	31.0	14.5	33.0	16.9	34.5	20.0	36.0	23.1	37.5	26.3	39.0	30.0	40.5	34.3	42.0	38.3	43.0	46.8	46.0
4.0	12.5	32.5	15.5	34.0	18.1	36.0	21.3	37.5	24.7	39.0	28.2	40.5	32.0	42.5	36.6	43.5	40.8	44.5	50.0	48.0
4.5	13.2	33.5	16.3	35.5	19.3	37.0	22.6	39.0	26.2	40.5	29.9	42.0	34.0	44.0	38.9	45.0	43.3	46.5	53.0	50.0
5.0	13.9	34.5	17.1	36.5	20.3	38.5	23.8	40.5	27.6	42.0	31.5	43.5	35.8	45.0	41.0	46.5	45.5	48.0	55.9	52.0
5.5	14.6	36.0	17.9	38.0	21.4	39.5	25.0	41.5	29.0	43.5	33.1	45.0	37.5	46.5	43.0	48.0	47.7	49.5	58.7	53.5
6.0	15.2	37.0	18.7	39.0	22.3	41.0	26.1	43.0	30.3	44.5	34.5	46.0	39.2	47.5	44.9	49.0	49.8	50.5	61.3	55.0
6.5	15.8	38.0	19.4	40.0	23.3	42.0	27.2	44.0	31.5	46.0	36.0	47.5	40.8	49.0	46.7	50.5	51.8	52.0	63.8	56.0
7.0	16.4	39.0	20.0	41.0	24.2	43.0	28.2	45.0	32.7	47.0	37.3	48.5	42.3	50.0	48.4	51.5	53.7	53.0	66.2	57.0
7.5	17.0	40.0	20.7	42.0	25.1	44.0	29.2	46.0	33.8	47.5	38.6	49.5	43.8	51.0	50.1	52.5	55.5	54.0	68.5	57.5

TAPER RING NOZZLE: 24° Trajectory

Pressure BAR	0.50 in 12.7 mm		0.55 in 14.0 mm		0.63 in 16.0 mm		0.67 in 17.0 mm		0.71 in 18.0 mm		0.75 in 19.0 mm		0.79 in 20.0 mm		0.83 in 21.0 mm		0.87 in 22.0 mm		0.91 in 23.0 mm		0.94 in 24.0 mm	
	m³/hr	Rad. (m)	m³/hr	Rad. (m)	m³/hr	Rad. (m)	m³/hr	Rad. (m)	m³/hr	Rad. (m)	m³/hr	Rad. (m)	m³/hr	Rad. (m)	m³/hr	Rad. (m)	m³/hr	Rad. (m)	m³/hr	Rad. (m)	m³/hr	Rad. (m)
2.75	9.7	28.5	12.0	30.0	15.2	32.5	17.3	33.5	19.6	34.5	22.3	35.5	24.9	37.0	28.3	38.0	30.8	38.5	34.3	39.5	37.6	41.5
3.0	10.2	29.0	12.5	30.5	15.9	33.0	18.0	34.0	20.5	35.0	23.2	36.5	26.1	38.0	29.5	39.0	32.2	39.5	35.8	40.5	39.3	42.5
3.5	11.0	30.5	13.5	32.0	17.2	34.5	19.5	35.5	22.1	37.0	25.1	38.0	28.2	39.5	31.9	40.5	34.8	41.5	38.7	42.5	42.4	44.5
4.0	11.8	31.5	14.5	33.5	18.4	36.0	20.9	37.0	23.6	38.5	26.8	40.0	30.1	41.0	34.1	42.5	37.2	43.0	41.4	44.5	45.3	46.0
4.5	12.5	33.0	15.4	34.5	19.5	37.0	22.2	38.5	25.1	40.0	28.5	41.5	32.0	42.5	36.2	44.0	39.5	45.0	43.9	46.0	48.1	47.5
5.0	13.2	34.0	16.2	35.5	20.6	38.5	23.4	39.5	26.4	41.0	30.0	42.5	33.7	44.0	38.1	45.5	41.7	46.5	46.3	47.5	50.7	49.5
5.5	13.9	35.0	17.0	37.0	21.6	39.5	24.5	41.0	27.7	42.5	31.5	44.0	35.4	45.5	40.0	46.5	43.7	47.5	48.6	49.0	53.2	50.5
6.0	14.5	36.0	17.8	38.0	22.6	40.5	25.6	42.0	29.0	43.5	32.9	45.0	37.0	46.5	41.8	48.0	45.7	49.0	50.7	50.5	55.6	52.0
6.5	15.1	37.0	18.5	39.0	23.5	41.5	26.7	43.0	30.1	44.5	34.2	46.0	38.5	47.5	43.5	49.0	47.5	50.0	52.8	51.5	57.8	53.5
7.0	15.7	38.0	19.2	40.0	24.4	42.5	27.7	44.0	31.3	45.5	35.5	47.0	40.0	48.5	45.1	50.0	49.3	51.0	54.8	52.5	60.0	54.5
7.5	16.3	39.0	19.9	41.0	25.3	43.5	28.7	45.0	32.4	46.5	36.8	48.0	41.4	49.5	46.7	51.0	51.1	52.0	56.8	53.5	62.1	55.5

RING NOZZLE: 24° Trajectory

Pressure BAR	0.60 in 15.3 mm		0.71 in 18.0 mm		0.77 in 19.6 mm		0.81 in 20.6 mm		0.86 in 21.8 mm		0.89 in 22.6 mm		0.93 in 23.6 mm		0.96 in 24.4 mm	
	m³/hr	Rad. (m)	m³/hr	Rad. (m)	m³/hr	Rad. (m)	m³/hr	Rad. (m)	m³/hr	Rad. (m)	m³/hr	Rad. (m)	m³/hr	Rad. (m)	m³/hr	Rad. (m)
2.75	10.7	28.5	15.0	31.5	17.8	32.0	20.5	32.5	23.3	34.0	26.5	35.5	30.4	36.0	34.2	36.5
3.0	11.1	29.0	15.7	32.5	18.6	33.0	21.4	33.5	24.3	35.0	27.6	36.5	31.7	37.5	35.7	38.0
3.5	11.9	30.5	16.9	34.0	20.0	34.5	23.0	35.5	26.3	37.0	29.7	39.0	34.3	39.5	38.5	40.0
4.0	12.7	32.0	18.1	35.5	21.4	36.0	24.6	37.0	28.1	39.0	31.7	41.0	36.6	41.5	41.1	42.5
4.5	13.4	33.0	19.2	36.5	22.7	37.5	26.1	38.5	29.8	40.5	33.6	42.5	38.9	43.5	43.5	44.5
5.0	14.1	34.0	20.3	38.0	24.0	39.0	27.5	40.0	31.3	42.0	35.3	44.5	41.0	45.0	45.8	46.0
5.5	14.7	35.0	21.3	39.0	25.1	40.0	28.8	41.5	32.9	43.5	37.0	45.5	43.0	46.5	48.0	47.5
6.0	15.3	36.0	22.2	40.0	26.3	41.0	30.0	43.0	34.3	44.5	38.6	47.0	44.9	48.0	50.0	49.0
6.5	15.9	37.0	23.1	40.5	27.3	42.0	31.2	44.0	35.7	46.0	40.1	48.0	46.7	49.0	52.0	50.5
7.0	16.5	37.5	24.0	41.5	28.4	43.0	32.4	45.5	37.1	47.0	41.6	49.0	48.4	50.0	54.0	51.5
7.5	17.0	38.0	24.9	42.0	29.4	44.0	33.5	46.5	38.3	47.5	43.0	49.5	50.1	50.5	55.8	52.5