

## Spray tip programme AAA tips

	Standard Premium 63-554, 63-570, 63-114, 63-550, 63-598, 63-577, 63-610, 63-597, 63-580, 63-611
	Standard Premium 63-560, 63-565
	Superfine All except 63-597, 63-580

### Ordering example

A customer requests a AAA tip for an Asturo KI spray gun, super finish ( 63-551 ), with a flow rate of 0.91 l/min at 100 Bar and a spray pattern of 8 to 10 inches at 30 cm. The spray tip programme table gives us the following tip size :

- 1- For a pattern width of 8 to 10 inches, the angle is 40° ( coded "4" )
- 2 - Equivalent orifice size 0.016inch ( coded "16" )
- 3 - The complete reference part number is therefore **63-551 416**

### Conversion factors

#### Volume

From	To	Multiply by
Liters	Gallons	0.2642
Gallons	Liters	3.785

#### Flow

From	To	Multiply by
Liter/min	Gallons/min.	0.2642
Gallons/min.	Liters/min.	3.785

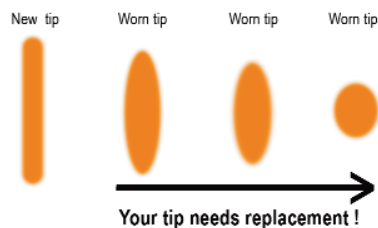
#### Length

From	To	Multiply by
Inches	Centimeters	2.54
	Millimeters	25.4
Millimeters	Inches	0.0394
Centimeters	Inches	0.3937

Equivalent Orifice Size	Spray angles in degrees and pattern width in inches at 30 cm											Flow rate (water at 100 Bar / 1500 psi)		
	10°	20°	30°	40°	50°	60°	70°	80°	90°	100°	110°	L/min	G/min	
Inch	mm	2/3 in.	4/6 in.	6/8 in.	8/10 in.	10/12 in.	12/14 in.	14/16 in.	16/18 in.	18/20 in.	20/22 in.	22/24 in.		
0.006	0.15												0.14	0.040
0.007	0.18												0.18	0.047
0.008	0.20												0.22	0.060
0.009	0.23												0.25	0.066
0.010	0.25												0.33	0.090
0.011	0.28												0.37	0.10
0.012	0.30												0.47	0.13
0.013	0.33												0.57	0.15
0.014	0.35												0.65	0.18
0.015	0.38												0.72	0.19
0.016	0.40												0.91	0.24
0.017	0.43												0.98	0.26
0.018	0.45												1.10	0.29
0.019	0.48												1.30	0.34
0.020	0.50												1.40	0.37
0.021	0.53												1.52	0.40
0.022	0.55												1.65	0.45
0.023	0.58												1.83	0.48
0.024	0.60												1.95	0.54
0.025	0.63												2.13	0.56
0.027	0.68												2.50	0.66
0.029	0.73												2.95	0.78
0.031	0.78												3.42	0.90
0.033	0.84												3.80	1.00
0.035	0.89												4.30	1.14
0.037	0.94												5.10	1.34
0.039	0.99												5.50	1.45
0.041	1.04												6.15	1.62
0.043	1.09												6.80	1.79
0.045	1.14												7.40	1.95

## Air Assisted Airless tips

All Exitflex Air Assisted Airless tips integrate high quality tungsten carbide inserts, which provide maximum erosion resistance in all circumstances. Despite their extreme hardness, Tungsten carbide tips do wear.....Replace them before its costs a great deal of money in labor and material!







Spray angles and pattern widths quoted are as manufactured and tested on water. Spray widths can vary and depend upon viscosity, solids content and pressure employed. To determine a new flow rate (Q2) at a new working pressure (P2), use the following formula, knowing that P1 = 100 Bar









$$Q2 = Q1 \times \sqrt{\frac{P2}{P1}}$$

The following equivalent orifice size ranges are suggested for the material listed:











Stains and lacquers:	0.006in to 0.013in
Oil based paints	0.013in to 0.015in
Latex emulsions	0.017in to 0.021in
Heavy paints, latex	0.023in to 0.029in
Block fillers, epoxies	0.029in to 0.061in

**Remember** - Lower viscosity materials such as lacquers means smaller orifice sizes and heavier viscosity coatings such as oil-based paints means larger orifice sizes.

	Reference : <b>63-560</b> Atomisation : Standard Spray gun compatibility: <b>Graco®</b>
	Reference : <b>63-561</b> Atomisation : Super Finish Spray gun compatibility: <b>Graco®</b>
	Reference : <b>63-611</b> Atomisation : Standard Spray gun compatibility: <b>Graco®</b>
	Reference : <b>63-xxx</b> Atomisation : Super Finish Spray gun compatibility: <b>Graco®</b>

	Reference : <b>63-554</b> Atomisation : Standard Spray gun compatibility: <b>Kremlin®</b> With 2 grooves to fit most guns		Reference : <b>63-114</b> Atomisation : Standard Spray gun compatibility: <b>Binks®</b>
	Reference : <b>63-xxx</b> Atomisation : Super Finish Spray gun compatibility: <b>Kremlin®</b> With 2 grooves to fit most guns		Reference : <b>63-xxx</b> Atomisation : Super Finish Spray gun compatibility: <b>Binks®</b>
	Reference : <b>63-550</b> Atomisation : Standard Spray gun compatibility: <b>Kremlin®, Asturo®</b>		Reference : <b>63-565</b> Atomisation : Standard Spray gun compatibility: <b>Binks®</b>
	Reference : <b>63-551</b> Atomisation : Super Finish Spray gun compatibility: <b>Kremlin®, Asturo®</b>		Reference : <b>63-568</b> Atomisation : Super Finish Spray gun compatibility: <b>Binks®</b>

Additional models available upon request. Please enquire

	<p>Reference : <b>63-598</b>  Atomisation : <b>Standard</b>  Spray gun compatibility:  <b>Optima</b></p>		<p>Reference : <b>63-577</b>  Atomisation : <b>Standard</b>  Spray gun compatibility:  <b>Böllhoff®</b></p>
	<p>Reference : <b>63-599</b>  Atomisation : <b>Super Finish</b>  Spray gun compatibility:  <b>Optima</b></p>		<p>Reference : <b>63-xxx</b>  Atomisation : <b>Super Finish</b>  Spray gun compatibility:  <b>Böllhoff®</b></p>
	<p>Reference : <b>63-570</b>  Atomisation : <b>Standard</b>  Spray gun compatibility:  <b>Sagola®, Speeflo, Greenair</b></p>		<p>Reference : <b>63-610</b>  Atomisation : <b>Standard</b>  Spray gun compatibility:  <b>Dete, Krautzberger</b></p>
	<p>Reference : <b>63-571</b>  Atomisation : <b>Super Finish</b>  Spray gun compatibility:  <b>Sagola®, Speeflo, Greenair</b></p>		<p>Reference : <b>63-xxx</b>  Atomisation : <b>Super Finish</b>  Spray gun compatibility:  <b>Dete, Krautzberger</b></p>
	<p>Reference : <b>63-597</b>  Atomisation : <b>Standard</b>  Spray gun compatibility:  <b>Wagner® AC2000, GM 2000&amp;2500</b></p>		<p>Reference : <b>63-580</b>  Atomisation : <b>Standard</b>  Spray gun compatibility:  <b>Ransburg® REM100</b></p>

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