

**WAGNER**

**WAGNER NOZZLE RANGE**



# THE WAGNER NOZZLE RANGE

- A wide variety of applications
- Different technologies: Airless, AirCoat, HVLP and plaster spraying nozzles
- Reliable and durable

[wagner-group.com](http://wagner-group.com)

# Nozzles – The heart of the spraying process

Across all technologies – Airless, AirCoat, plaster spraying with worm pumps, HVLP or XLVP – nozzles and air caps play a decisive role in surface quality. In addition to the actual pump, they are the true heart of the spraying process. This is where the material is atomised and where the fineness of the droplet formation in the spray jet is determined. The nozzle size also determines the quantity of material forced through the bore. Top-quality nozzles are a prerequisite for premium surface finishes in line with your professional standards.

So accept no compromises and choose WAGNER quality, from the pump all the way to the nozzle. Because only WAGNER labelled products provide the guarantee of WAGNER quality inside.

## All the benefits at a glance:

- To cover the full spectrum of materials on the market, we produce a **wide range of nozzle sizes**. You can find an extensive selection in this brochure. Whatever your application, we always have the right nozzle for the task.
- Our nozzles are **perfectly tailored to our guns**. Irrespective of technologies: the core is always tailored to the properties of the gun and offers perfect atomisation in both high and low pressure applications.
- Our nozzles are **very durable**. Top workmanship and high-quality materials as well as a high-tech approach to the bore for the nozzle core ensure outstanding spraying quality and durable nozzles. Skimping on quality often means having to replace nozzles more frequently – meaning more work and costs in the long run.

## 1. Airless 2SpeedTip

### 2 nozzles in one

WAGNER's innovative reversible nozzle combines two nozzle cores in a single nozzle. Simply rotate to select the appropriate nozzle size. This allows optimal adjustment to the surface to be coated and brings an additional time-saving benefit. The colour identification on the nozzle also indicates the matching gun filter insert.

- Increased working flexibility on the construction site and in the workshop
- Optimal adjustment to the spraying material and to the surface being coated
- Easy assembly: Bring your Airless gun up to the latest state of technology

### Nozzle 1 - surfaces

Wide angle, large nozzle opening.  
Best surface coverage, highest speed, greatest time saving.

### Nozzle 2 - trimming

Narrow angle, small nozzle opening.  
Best control and precise paint application. Ideal for trimming jobs!

### Colour marking

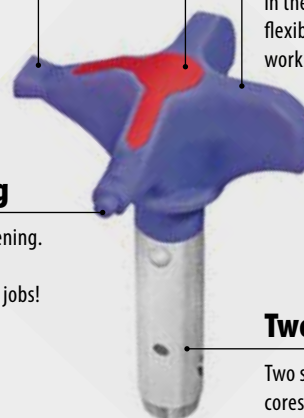
the colour of the insert matches the colour of the recommended gun filter.

### Swap

Swap between the two nozzle sizes in the blink of an eye - for increased flexibility on building sites and in the workshop.

### Two nozzle cores

Two sintered tungsten carbide nozzle cores arranged one above the other double the useful life.



## 1.1 Airless 2SpeedTip – Enamel

For rapid changes between large surfaces and intricate trimming work. 2SpeedTip paint nozzles are coloured purple.



Application	Nozzle marking	Bore (in inch / mm)	Spray angle (in °)	Jet width (in mm <sup>1</sup> )	Gun filter <sup>2</sup>	Art.-No.
<b>Enamel</b>	L10 208/510	0.008 – 0.010 / 0.2 – 0.25	20 – 50	120 – 225	red	271042
	L20 210/512	0.010 – 0.012 / 0.25 – 0.3	20 – 50	120 – 225	red	271043
	L30 212/514	0.012 – 0.014 / 0.3 – 0.36	20 – 50	120 – 225	red	271044

<sup>1</sup>Spray width (mm) at an approx. distance of 30 cm to the object and 10 MPa pressure, with synthetic resin varnish 20 DIN seconds.

<sup>2</sup>Red: 180 mesh, extra fine, yellow: 100 mesh, fine, white: 50 mesh, medium, green: 30 mesh, coarse

## 1.2 Airless 2SpeedTip – Emulsion

Wide spectrum of applications using primers, emulsions, flame retardants and corrosion protection. For top-class surfaces. Emulsion nozzles are coloured yellow.



Application	Nozzle marking	Bore (in inch / mm)	Spray angle (in °)	Jet width (in mm <sup>1</sup> )	Gun filter <sup>2</sup>	Art.-No.
<b>Emulsion</b>	D05 111/415	0.011 – 0.015 / 0.28 – 0.38	10 – 40	100 – 190	white	271062
	D07 113/417	0.013 – 0.017 / 0.33 – 0.43	10 – 40	100 – 190	white	271063
	D10 111/419	0.010 – 0.019 / 0.25 – 0.48	10 – 40	100 – 190	white	271045
	D20 115/ 421	0.015 – 0.021 / 0.38 – 0.53	10 – 40	100 – 190	white	271046
	D30 115/423	0.015 – 0.023 / 0.38 – 0.58	10 – 40	100 – 190	white	271047
	D40 117/427	0.017 – 0.027 / 0.43 – 0.69	10 – 40	100 – 190	white	271048

<sup>1</sup>Spray width (mm) at an approx. distance of 30 cm to the object and 10 MPa pressure, with synthetic resin varnish 20 DIN seconds.

<sup>2</sup>Red: 180 mesh, extra fine, yellow: 100 mesh, fine, white: 50 mesh, medium, green: 30 mesh, coarse

## 1.3 Airless 2SpeedTip – Filler

This nozzle is designed specially for high-viscosity materials such as airless spraying filler and ensures optimum material coverage. Filler nozzles are coloured orange.



Application	Nozzle marking	Bore (in inch / mm)	Spray angle (in °)	Jet width (in mm <sup>1</sup> )	Gun filter <sup>2</sup>	Art.-No.
<b>Filler</b>	S05 225/629	0.025 – 0.029 / 0.64–0.75	20 – 60	120–270	-	271064
	S10 527/235	0.027 – 0.035 / 0.69–0.9	50 – 20	225–120	-	271049
	S20 539/243	0.039 – 0.043 / 0.99–1.1	50 – 20	225–120	-	271050
	S30 543/252	0.043 – 0.052 / 1.1–1.32	50 – 20	225–120	-	271051

<sup>1</sup>Spray width (mm) at an approx. distance of 30 cm to the object and 10 MPa pressure, with synthetic resin varnish 20 DIN seconds.

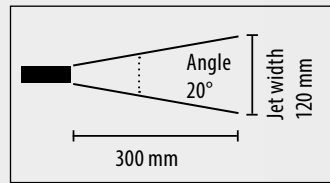
## 2. Airless TradeTip 3 nozzles

### A durable set

Among other things, the nozzle core determines the quality of the coating result. This is where the material is transformed into a spray. TradeTip 3 nozzles are extra durable: The innovative nozzle bore and carbide metal alloy reduce wear and ensure a consistent spray angle. Another advantage: The nozzle is very easy to clean - just twist and rinse - without any tools.

#### Nozzle angle

The nozzle angle determines the width of the spray angle, e.g. in this case 20°.



The ideal distance from the object is always around 300 mm.



#### Bore diameter

The bore diameter (in this case, 0.017 inch) determines the flow volume and thus the amount of paint applied.

#### Free in the set

Included in the set: Purchase a TradeTip 3 nozzle and receive the matching gun filter and a double seal for FREE.

### 2.1 Airless TradeTip 3 FineFinish

Top paint nozzle with optimised third-generation properties. With double special core for ultra-fine droplet formation and exceptionally high-quality surfaces, even in low pressure ranges. FineFinish nozzles are coloured purple.



Application	Nozzle marking	Bore (in inch / mm)	Spray angle (in °)	Jet width (in mm <sup>1</sup> )	Gun filter <sup>2</sup>	Art.-No.
Water-soluble and solvent-based enamels, oils, mould release agents	208	0.008 / 0.2	20	120	red	554208
	308	0.008 / 0.2	30	150	red	554308
	408	0.008 / 0.2	40	190	red	554408
Synthetic resin varnishes, PVC enamels	210	0.010 / 0.25	20	120	red	554210
	310	0.010 / 0.25	30	150	red	554310
	410	0.010 / 0.25	40	190	red	554410
	510	0.010 / 0.25	50	225	red	554510
Enamels, undercoats, base coats, fillers	212	0.012 / 0.3	20	120	red	554212
	312	0.012 / 0.3	30	150	red	554312
	412	0.012 / 0.3	40	190	red	554412
	512	0.012 / 0.3	50	225	red	554512
Fillers, anti-corrosive paints	214	0.014 / 0.36	20	120	red	554214
	314	0.014 / 0.36	30	150	red	554314
	414	0.014 / 0.36	40	190	red	554414
	514	0.014 / 0.36	50	225	red	554514

<sup>1</sup>Spray width (mm) at an approx. distance of 30 cm to the object and 10 MPa pressure, with synthetic resin varnish 20 DIN seconds.

<sup>2</sup>Red: 180 mesh, extra fine, yellow: 100 mesh, fine, white: 50 mesh, medium, green: 30 mesh, coarse

## 2.2 Airless TradeTip 3

The yellow standard nozzle covers a wide spectrum of applications using primers, enamels and varnishes.



Application	Nozzle marking	Bore (in inch / mm)	Spray angle (in °)	Jet width (in mm <sup>1</sup> )	Gun filter <sup>2</sup>	Art.-No.
<b>Water-thinnable and solvent-based enamels and paints, oils, mould release agents</b>	107	0.007 / 0.18	10	100	red	553107
	207	0.007 / 0.18	20	120	red	553207
	307	0.007 / 0.18	30	150	red	553307
	407	0.007 / 0.18	40	190	red	553407
	109	0.009 / 0.23	10	100	red	553109
	209	0.009 / 0.23	20	120	red	553209
	309	0.009 / 0.23	30	150	red	553309
	409	0.009 / 0.23	40	190	red	553409
	509	0.009 / 0.23	50	225	red	553509
	609	0.009 / 0.23	60	270	red	553609
<b>Synthetic resin varnishes, PVC enamels</b>	111	0.011 / 0.28	10	100	red	553111
	211	0.011 / 0.28	20	120	red	553211
	311	0.011 / 0.28	30	150	red	553311
	411	0.011 / 0.28	40	190	red	553411
	511	0.011 / 0.28	50	225	red	553511
	611	0.011 / 0.28	60	270	red	553611
<b>Enamels, undercoats, base coats, fillers</b>	113	0.013 / 0.33	10	100	red	553113
	213	0.013 / 0.33	20	120	red	553213
	313	0.013 / 0.33	30	150	red	553313
	413	0.013 / 0.33	40	190	red	553413
	513	0.013 / 0.33	50	225	red	553513
	613	0.013 / 0.33	60	270	red	553613
<b>Fillers, anti-corrosive paints</b>	813	0.013 / 0.33	80	330	red	553813
	115	0.015 / 0.38	10	100	yellow	553115
	215	0.015 / 0.38	20	120	yellow	553215
	315	0.015 / 0.38	30	150	yellow	553315
	415	0.015 / 0.38	40	190	yellow	553415
	515	0.015 / 0.38	50	225	yellow	553515
	615	0.015 / 0.38	60	270	yellow	553615
	715	0.015 / 0.38	70	300	yellow	553715
<b>Anti-corrosive paints, latex paints, emulsions</b>	815	0.015 / 0.38	80	330	yellow	553815
	117	0.017 / 0.43	10	100	yellow	553117
	217	0.017 / 0.43	20	120	yellow	553217
	317	0.017 / 0.43	30	150	yellow	553317
	417	0.017 / 0.43	40	190	yellow	553417
	517	0.017 / 0.43	50	225	yellow	553517
	617	0.017 / 0.43	60	270	yellow	553617
	717	0.017 / 0.43	70	300	yellow	553717
	817	0.017 / 0.43	80	330	yellow	553817
	219	0.019 / 0.48	20	120	white	553219
	319	0.019 / 0.48	30	150	white	553319
	419	0.019 / 0.48	40	190	white	553419
	519	0.019 / 0.48	50	225	white	553519
619	0.019 / 0.48	60	270	white	553619	
719	0.019 / 0.48	70	300	white	553719	
819	0.019 / 0.48	80	330	white	553819	
919	0.019 / 0.48	90	385	white	553919	

<sup>1</sup>Spray width (mm) at an approx. distance of 30 cm to the object and 10 MPa pressure, with synthetic resin varnish 20 DIN seconds.

<sup>2</sup>Red: 180 mesh, extra fine, yellow: 100 mesh, fine, white: 50 mesh, medium, green: 30 mesh, coarse



Application	Nozzle marking	Bore (in inch / mm)	Spray angle (in °)	Jet width (in mm <sup>1</sup> )	Gun filter <sup>2</sup>	Art.-No.
<b>Flame retardants</b>	221	0.021 / 0.53	20	120	white	553221
	321	0.021 / 0.53	30	150	white	553321
	421	0.021 / 0.53	40	190	white	553421
	521	0.021 / 0.53	50	225	white	553521
	621	0.021 / 0.53	60	270	white	553621
	721	0.021 / 0.53	70	300	white	553721
	821	0.021 / 0.53	80	330	white	553821
	<b>Roof linings</b>	223	0.023 / 0.58	20	120	white
323		0.023 / 0.58	30	150	white	553323
423		0.023 / 0.58	40	190	white	553423
523		0.023 / 0.58	50	225	white	553523
623		0.023 / 0.58	60	270	white	553623
723		0.023 / 0.58	70	300	white	553723
823		0.023 / 0.58	80	330	white	553823
<b>Thick layered materials, corrosion protection, spraying fillers</b>		225	0.025 / 0.64	20	120	white
	325	0.025 / 0.64	30	150	white	553325
	425	0.025 / 0.64	40	190	white	553425
	525	0.025 / 0.64	50	225	white	553525
	625	0.025 / 0.64	60	270	white	553625
	725	0.025 / 0.64	70	300	white	553725
	825	0.025 / 0.64	80	330	white	553825
	227	0.027 / 0.69	20	120	white	553227
	327	0.027 / 0.69	30	150	white	553327
	427	0.027 / 0.69	40	190	white	553427
	527	0.027 / 0.69	50	225	white	553527
	627	0.027 / 0.69	60	270	white	553627
	827	0.027 / 0.69	80	330	white	553827
	229	0.029 / 0.75	20	120	white	553229
	329	0.029 / 0.75	30	150	white	553329
	429	0.029 / 0.75	40	190	white	553429
	529	0.029 / 0.75	50	225	white	553529
	629	0.029 / 0.75	60	270	white	553629
	231	0.031 / 0.79	20	120	white	553231
	331	0.031 / 0.79	30	150	white	553331
	431	0.031 / 0.79	40	190	white	553431
	531	0.031 / 0.79	50	225	white	553531
	631	0.031 / 0.79	60	270	white	553631
	731	0.031 / 0.79	70	300	white	553731
	831	0.031 / 0.79	80	330	white	553831
	233	0.033 / 0.84	20	120	white	553233
	333	0.033 / 0.84	30	150	white	553333
	433	0.033 / 0.84	40	190	white	553433
	533	0.033 / 0.84	50	225	white	553533
	633	0.033 / 0.84	60	270	white	553633
	235	0.035 / 0.9	20	120	white	553235
	335	0.035 / 0.9	30	150	white	553335
435	0.035 / 0.9	40	190	white	553435	
535	0.035 / 0.9	50	225	white	553535	
635	0.035 / 0.9	60	270	white	553635	
735	0.035 / 0.9	70	300	white	553735	
439	0.039 / 0.99	40	190	white	553439	
539	0.039 / 0.99	50	225	white	553539	
639	0.039 / 0.99	60	270	white	553639	

<sup>1</sup>Spray width (mm) at an approx. distance of 30 cm to the object and 10 MPa pressure, with synthetic resin varnish 20 DIN seconds.

<sup>2</sup>Red: 180 mesh, extra fine, yellow: 100 mesh, fine, white: 50 mesh, medium, green: 30 mesh, coarse



Application	Nozzle marking	Bore (in inch / mm)	Spray angle (in °)	Jet width (in mm <sup>1</sup> )	Gun filter <sup>2</sup>	Art. -No.
<b>Heavy-duty applications</b>	243	0.043 / 1.1	20	120	green	553243
	443	0.043 / 1.1	40	190	green	553443
	543	0.043 / 1.1	50	225	green	553543
	643	0.043 / 1.1	60	270	green	553643
	445	0.045 / 1.14	40	190	green	553445
	545	0.045 / 1.14	50	225	green	553545
	645	0.045 / 1.14	60	270	green	553645
	451	0.051 / 1.3	40	190	green	553451
	551	0.051 / 1.3	50	225	green	553551
	651	0.051 / 1.3	60	270	green	553651
	252	0.052 / 1.32	20	120	green	553252
	455	0.055 / 1.4	40	190	green	553455
	555	0.055 / 1.4	50	225	green	553555
	655	0.055 / 1.4	60	270	green	553655
	261	0.061 / 1.55	20	120	green	553261
	461	0.061 / 1.55	40	190	green	553461
	561	0.061 / 1.55	50	225	green	553561
	661	0.061 / 1.55	60	270	green	553661
	263	0.063 / 1.6	20	120	green	553263
	463	0.063 / 1.6	40	190	green	553463
565	0.065 / 1.65	50	225	green	553565	
665	0.065 / 1.65	60	270	green	553665	
267	0.067 / 1.7	20	120	green	553267	
467	0.067 / 1.7	40	190	green	553467	

<sup>1</sup>Spray width (mm) at an approx. distance of 30 cm to the object and 10 MPa pressure, with synthetic resin varnish 20 DIN seconds.

<sup>2</sup>Red: 180 mesh, extra fine, yellow: 100 mesh, fine, white: 50 mesh, medium, green: 30 mesh, coarse

### 3. Airless HEA ProTip nozzles

#### High Efficiency Airless Technologie

HEA stands for High Efficiency Airless, the innovative nozzle technology. HEA nozzles allow the user, due to a revolutionary nozzle design, to spray with low overspray and reduced pressure while at the same time maintaining maximum control.

#### All the benefits at a glance

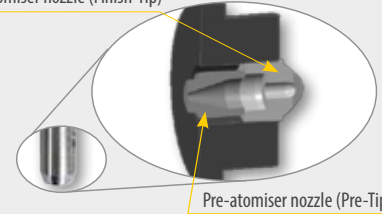
- **Less overspray:** the lower spraying pressure reduces the overspray by up to 55% with controlled paint consumption. In addition to saving material, the work required to achieve coverage, especially for indoor projects, is reduced.
- **Maximum control:** the gently feathered jet spray ensures better coverage with overlapping of the strokes and avoids hard edges. Re-rollering of the sprayed surface is not required. This leads to a simple and easy-to-control technique with "success guaranteed" even for inexperienced users.
- **Long service life:** The robust nozzle design made from carbide and the lower spraying pressure means the nozzle experiences less wear. This is why HEA nozzles can be used for twice as long as conventional airless nozzles. Even the lifespan of the device itself is prolonged: the lower spraying pressure means that the system and its components are under less strain.
- **Surface quality:** High Efficiency Airless ensures a homogeneous and even layer structure on all surfaces and therefore offers excellent surface quality, especially compared to conventional applications with a brush and roller.
- **Fatigue-free working:** low-pressure spraying ensures low gun recoil, ensuring particularly pleasant and fatigue-free working.

Up to **55%**  
less overspray!



#### Patent-registered dual nozzle technology

Atomiser nozzle (Finish-Tip)



Two nozzle bores, one directly after the other, guarantee a perfect spray pattern with high material throughput even in low pressure ranges. Spray mist is reduced to a minimum.

**HEA** | HIGH EFFICIENCY  
AIRLESS

**100 bar pressure  
HEA ProTip 517**



**HEA technology**



Paint application with  
HEA technology



**150 bar pressure  
Standard airless nozzle 517**



**Standard airless technology**



Paint application with  
standard airless technology







Standard nozzle for alle airless units. Ideal in conjunction with WAGNER TradeTip 3 nozzle holders.

Application	Nozzle marking	Bore (in inch / mm)	Spray angle (in °)	Jet width (in mm <sup>1</sup> )	Gun filter <sup>2</sup>	Art.-No.
<b>Primers, lacquers</b>	211	0.011 / 0.28	20	120	red	554211
	311	0.011 / 0.28	30	150	red	554311
	411	0.011 / 0.28	40	190	red	554411
	213	0.013 / 0.33	20	120	red	554213
	313	0.013 / 0.33	30	150	red	554313
	413	0.013 / 0.33	40	190	red	554413
<b>Primers, lacquers, emulsions, vinyl paints</b>	415	0.015 / 0.38	40	190	yellow	554415
	515	0.015 / 0.38	50	225	yellow	554515
	615	0.015 / 0.38	60	270	yellow	554615
<b>Emulsions, latex paints</b>	417	0.017 / 0.43	40	190	white	554417
	517	0.017 / 0.43	50	225	white	554517
	617	0.017 / 0.43	60	270	white	554617
	519	0.019 / 0.48	50	225	white	554519
	619	0.019 / 0.48	60	270	white	554619
	521	0.021 / 0.53	50	225	white	554521
	621	0.021 / 0.53	60	270	white	554621

<sup>1</sup>Spray width (mm) at an approx. distance of 30 cm to the object and 10 MPa pressure, with synthetic resin varnish 20 DIN seconds.

<sup>2</sup>Red: 180 mesh, extra fine, yellow: 100 mesh, fine, white: 50 mesh, medium, green: 30 mesh, coarse

## 4. Airless TwinTip nozzles

The innovative double nozzles have two nozzle bores one directly above the other. This guarantees a perfect spray pattern with high material throughput even in low pressure ranges. Overspray is reduced to a minimum. Ideal for working on facades. Different sizes are available to adapt ideally to the relevant environment.



Application	Nozzle marking	Bore (in inch / mm)	Spray angle (in °)	Jet width in (mm <sup>1</sup> )	Gun filter <sup>2</sup>	Art.-No.
Trimming work (indoors)	M213	0.013 / 0.33	20	110	white	1009213
Trimming work (facades)	D215	0.021 / 0.53	20	100	white	1009215
Smooth surfaces (indoors)	D316	0.021 / 0.53	25	130	white	1009316
Rough surfaces (indoors), smooth surfaces (facades)	D317	0.023 / 0.59	25	130	white	1009317
Rough surfaces (facades)	D319	0.027 / 0.69	25	130	white	1009319

<sup>1</sup>Spray width (mm) at an approx. distance of 30 cm to the object and 10 MPa pressure, with synthetic resin varnish 20 DIN seconds.

<sup>2</sup>Red: 180 mesh, extra fine, yellow: 100 mesh, fine, white: 50 mesh, medium, green: 30 mesh, coarse

## 5. Airless adjustable fan tips

Adjustable fan tips offer maximum flexibility. Both the jet width and nozzle bore can be adjusted. This allows the nozzle to be adapted precisely to the relevant material and the object to be coated. Just one nozzle can be used to coat large surfaces or carry out trimming work. The high-quality material guarantees a long service life for the nozzle, which also features an impressive time-saving self-cleaning function.



Application	Nozzle marking	Bore in inch / mm	Jet width in mm <sup>1</sup>	Art.-No.
Enamels	15	0.005 – 0.018 / 0.13 – 0.46	50 – 350	999057
Enamels, fillers	20	0.007 – 0.019 / 0.18 – 0.48	50 – 500	999053
Enamels, emulsions	28	0.011 – 0.026 / 0.28 – 0.66	80 – 550	999054
Enamels, emulsions, anti- corrosive paints	41	0.017 – 0.035 / 0.43 – 0.88	100 – 600	999055
Coatings for large areas	49	0.021 – 0.054 / 0.53 – 1.37	100 – 400	999056

<sup>1</sup>Spray width (mm) at an approx. distance of 30 cm to the object and 10 MPa pressure, with synthetic resin varnish 20 DIN seconds.

## 6. AirCoat nozzles ACF 3000

A dome geometry and high-tech sanding and erosion methods during manufacture ensure extremely fine atomisation with low energy consumption (material pressure). To ensure a long service life and low wear and tear, the nozzle is made from durable carbide. The WAGNER AirCoat nozzle guarantees brilliant paint finishes: ensuring an even spray pattern and extremely gentle graduated borders. With both small and large quantities of atomised air.



Application	Nozzle marking	Bore (in inch / mm)	Spray angle (in °)	Jet width (in mm <sup>1</sup> )	Gun filter <sup>2</sup>	Art.-No.
<b>Natural enamels, colour-less enamels, oils</b>	07.10	0.007 / 0.18	10	55	red	379107
	07.20	0.007 / 0.18	20	100	red	379207
	07.40	0.007 / 0.18	40	195	red	379407
	09.20	0.009 / 0.23	20	100	red	379209
	09.30	0.009 / 0.23	30	145	red	379309
	09.40	0.009 / 0.23	40	195	red	379409
	09.50	0.009 / 0.23	50	250	red	379509
	09.60	0.009 / 0.23	60	300	red	379609
<b>Synthetic resin varnishes, PVC enamels, 2K enamels</b>	11.10	0.011 / 0.28	10	55	red	379111
	11.20	0.011 / 0.28	20	100	red	379211
	11.30	0.011 / 0.28	30	145	red	379311
	11.40	0.011 / 0.28	40	195	red	379411
	11.50	0.011 / 0.28	50	250	red	379511
	11.60	0.011 / 0.28	60	300	red	379611
	11.80	0.011 / 0.28	80	400	red	379811
<b>Enamels, undercoats, base coats, fillers</b>	13.10	0.013 / 0.33	10	55	red, yellow	379113
	13.20	0.013 / 0.33	20	100	red, yellow	379213
	13.30	0.013 / 0.33	30	250	red, yellow	379313
	13.40	0.013 / 0.33	40	195	red, yellow	379413
	13.50	0.013 / 0.33	50	250	red, yellow	379513
	13.60	0.013 / 0.33	60	300	red, yellow	379613
	13.80	0.013 / 0.33	80	400	red, yellow	379813
<b>Fillers, anti-corrosive paints</b>	15.10	0.015 / 0.38	10	55	yellow	379115
	15.20	0.015 / 0.38	20	100	yellow	379215
	15.30	0.015 / 0.38	30	145	yellow	379315
	15.40	0.015 / 0.38	40	195	yellow	379415
	15.50	0.015 / 0.38	50	250	yellow	379515
	15.60	0.015 / 0.38	60	300	yellow	379615
	15.80	0.015 / 0.38	80	400	yellow	379815
	<b>Anti-corrosive paints, latex paints</b>	17.20	0.017 / 0.43	20	100	yellow
17.30		0.017 / 0.43	30	145	yellow	379317
17.40		0.017 / 0.43	40	195	yellow	379417
17.50		0.017 / 0.43	50	250	yellow	379517
17.60		0.017 / 0.43	60	300	yellow	379617
17.80		0.017 / 0.43	80	400	yellow	379817
19.20		0.019 / 0.48	20	100	yellow, white	379219
19.30		0.019 / 0.48	30	145	yellow, white	379319
19.40		0.019 / 0.48	40	195	yellow, white	379419
19.50		0.019 / 0.48	50	250	yellow, white	379519
19.60		0.019 / 0.48	60	300	yellow, white	379619
19.80	0.019 / 0.48	80	400	yellow, white	379819	

<sup>1</sup>Spray width (mm) at an approx. distance of 30 cm to the object and 10 MPa pressure, with synthetic resin varnish 20 DIN seconds.

<sup>2</sup>Red: 180 mesh, extra fine, yellow: 100 mesh, fine, white: 50 mesh, medium, green: 30 mesh, coarse



Application	Nozzle marking	Bore (in inch / mm)	Spray angle (in °)	Jet width (in mm <sup>1</sup> )	Gun filter <sup>2</sup>	Art.-No.
<b>Anti-corrosive paints</b>	21.20	0.021 / 0.53	20	100	white	379221
	21.40	0.021 / 0.53	40	195	white	379421
	21.50	0.021 / 0.53	50	250	white	379521
	21.60	0.021 / 0.53	60	300	white	379621
	21.80	0.021 / 0.53	80	400	white	379821
	23.40	0.023 / 0.58	40	195	white	379423
	23.60	0.023 / 0.58	60	300	white	379623
	23.80	0.023 / 0.58	80	400	white	379823

<sup>1</sup>Spray width (mm) at an approx. distance of 30 cm to the object and 10 MPa pressure, with synthetic resin varnish 20 DIN seconds.

<sup>2</sup>Red: 180 mesh, extra fine, yellow: 100 mesh, fine, white: 50 mesh, medium, green: 30 mesh, coarse

## 7. AirCoat pre-atomisation nozzles ACF 3000 Plus

AirCoat pre-atomisation nozzles provide extra fine atomisation even with low inlet air pressure. This is especially important for processing water- or solvent-based paints. Using a pre-atomisation nozzle allows you to work with less material and air quantity. There is significantly less overspray and material consumption decreases. Compared to the standard AirCoat nozzle the material is pre-atomised directly at the outer edge of the nozzle. The result: an especially even and soft spray pattern.



Application	Nozzle marking	Bore (in inch / mm)	Spray angle (in °)	Jet width (in mm <sup>1</sup> )	Gun filter <sup>2</sup>	Art.-No.
<b>Natural colour paints, colourless paints, oils</b>	208	0.008/0,20	20	100	red	321208
	308	0.008/0,20	30	145	red	321308
	408	0.008/0,20	40	195	red	321408
	508	0.008/0,20	50	250	red	321508
<b>Synthetic resin-based paints, PVC paints, 2K paints</b>	210	0.010/0,25	20	100	red, yellow	321210
	310	0.010/0,25	30	145	red, yellow	321310
	410	0.010/0,25	40	195	red, yellow	321410
	510	0.010/0,25	50	250	red, yellow	321510
	610	0.010/0,25	60	300	red, yellow	321610
<b>Enamels, undercoats, primers, fillers</b>	212	0.012/0,30	20	100	yellow	321212
	312	0.012/0,30	30	145	yellow	321312
	412	0.012/0,30	40	195	yellow	321412
	512	0.012/0,30	50	250	yellow	321512
	612	0.012/0,30	60	300	yellow	321612
	214	0.014/0,36	20	100	yellow	321214
	314	0.014/0,36	30	145	yellow	321314
	414	0.014/0,36	40	195	yellow	321414
	514	0.014/0,36	50	250	yellow	321514
	614	0.014/0,36	60	300	yellow	321614
<b>Filler, anti-corrosive paints</b>	216	0.016/0,41	20	100	yellow	321216
	316	0.016/0,41	30	145	yellow	321316
	416	0.016/0,41	40	195	yellow	321416
	516	0.016/0,41	50	250	yellow	321516
	616	0.016/0,41	60	300	yellow	321616

<sup>1</sup>Spray width (mm) at an approx. distance of 30 cm to the object and 10 MPa pressure, with synthetic resin varnish 20 DIN seconds.

<sup>2</sup>Red: 180 mesh, extra fine, yellow: 100 mesh, fine, white: 50 mesh, medium, green: 30 mesh, coarse



Application	Nozzle marking	Bore (in inch / mm)	Spray angle (in °)	Jet width (in mm <sup>1</sup> )	Gun filter <sup>2</sup>	Art.-No.
<b>Anti-corrosive paints, latex paints</b>	218	0.018/0,46	20	100	yellow, white	321218
	318	0.018/0,46	30	145	yellow, white	321318
	418	0.018/0,46	40	195	yellow, white	321418
	518	0.018/0,46	50	250	yellow, white	321518
	618	0.018/0,46	60	300	yellow, white	321618
<b>Anti-corrosive paints</b>	320	0.020/0,51	30	145	white	321320
	420	0.020/0,51	40	195	white	321420
	620	0.020/0,51	60	300	white	321620
	422	0.022/0,56	40	195	white	321422
	622	0.022/0,56	60	300	white	321622

<sup>1</sup>Spray width (mm) at an approx. distance of 30 cm to the object and 10 MPa pressure, with synthetic resin varnish 20 DIN seconds.

<sup>2</sup>Red: 180 mesh, extra fine, yellow: 100 mesh, fine, white: 50 mesh, medium, green: 30 mesh, coarse

## 8. HVLP FineCoat nozzles

FineCoat nozzles are made of high-quality, robust metal and have an extremely easy-to-clean design. In combination with the air cap, the precise nozzle bore enables paint application with low overspray. Several nozzles in different sizes are available for different guns, to adapt to a wide variety of materials.



	Description	Art.-No.
<b>Spray nozzle set for FineCoat Split Gun</b>	Nozzle set, for FineCoat Split Gun; no. 2; Ø 0.8 mm	529209
	Nozzle set, for FineCoat Split Gun; no. 3; Ø 1.3 mm	529210
	Nozzle set, for FineCoat Split Gun; no. 4; Ø 1.8 mm	529211
	Nozzle set, for FineCoat Split Gun; no. 5; Ø 2.2 mm	529212
	Nozzle set, for FineCoat Split Gun; no. 6; Ø 2.4 mm	529213
	Nozzle set, for FineCoat Split Gun; no. 7; Ø 2.6 mm	529214



	Description	Art.-No.
<b>Spray nozzle set for FineCoat Gun</b>	Nozzle set, for FineCoat Gun; no. 1; Ø 0.5 mm	276155
	Nozzle set, for FineCoat Gun; no. 2; Ø 0.8 mm	276254
	Nozzle set, for FineCoat Gun; no. 3; Ø 1.3 mm	276227
	Nozzle set, for FineCoat Gun; no. 4; Ø 1.8 mm	276228
	Nozzle set, for FineCoat Gun; no. 5; Ø 2.2 mm	276229
	Nozzle set, for FineCoat Gun; no. 6; Ø 2.5 mm	276245
	Nozzle set, for FineCoat Gun; no. 7; Ø 2.7 mm	524211
	Nozzle set, for FineCoat Gun; no. 8; Ø 3.0 mm	261021
	Nozzle set, for FineCoat Gun; no. 9; Ø 4.0 mm	261022



	Description	Art.-No.
<b>Radiator extension nozzle</b>	FineCoat radiator extension nozzle RN30; only for FineCoat Pistole (item no. 0277 035)	261020



	Description	Art.-No.
<b>Nozzles for WSL 50/60</b>	Nozzle; d = 03 mm; 6KT.22; für WSL 50/60	261470
	Nozzle; d = 04 mm; 6KT.22; für WSL 50/60	261463
	Nozzle; d = 06 mm; 6KT.22; für WSL 50/60	261464
	Nozzle; d = 08 mm; 6KT.22; für WSL 50/60	261465
	Nozzle; d = 10 mm; 6KT.22; für WSL 50/60	261466
	Nozzle; d = 12 mm; 6KT.22; für WSL 50/60	261469

## 9. Texture nozzles for plastering work

The robust texture nozzles for plastering work with worm pumps are perfectly tailored to the automatic and pneumatic spraying lances. Made from high-quality stainless steel, they are extremely robust and resistant even when used with filled media. A choice of sizes are available to ensure ideal adaptation to each material. The nozzles are available individually or in a nozzle set.



	Description	Art.-No.
<b>Texture nozzles for auto-matic and pneumatic spraying lances</b>	Texture nozzle, stainless steel; 04 mm	268779
	Texture nozzle, stainless steel; 05 mm	348915
	Texture nozzle, stainless steel; 06 mm	268780
	Texture nozzle, stainless steel; 07 mm	348916
	Texture nozzle, stainless steel; 08 mm	268781
	Texture nozzle, stainless steel; 09 mm	348917
	Texture nozzle, stainless steel; 10 mm	268782
	Texture nozzle, stainless steel; 12 mm	342327
	Texture nozzle, stainless steel; 15 mm	342328



	Description	Art.-No.
<b>Texture nozzle set for automatic and pneumatic spraying lances</b>	Texture nozzle set, stainless steel; 4/6/8/10 mm	268905

## 10. In-wall nozzles for plastering work

Specially designed for in-wall work. The nozzles allow very high coating thicknesses.



	Description	Art.-No.
<b>In-wall nozzles for floating lances</b>	In-wall nozzle; 14 mm	268746
	In-wall nozzle; 16 mm	268747
	In-wall nozzle; 18 mm	268748

# Nozzle accessories

## Airless nozzle holders

Perfect support for each nozzle	Article no.
Anti-contact guard; for adjustable fan tip (01)	0097 294
Seal; for nozzle installation	0043 052
Double seal set: 5 items: for TradeTip 3 nozzles (02)	0556 037
Nozzle holder; 2SpeedTip (03)	0271 065
Nozzle holder; TwinTip; for low overspray (04)	1006 001
Saddle seal; for TwinTip nozzle holder	1006 700
Nozzle holder; TradeTip 3; F-thread 11/16" (05)	0289 391
Nozzle holder; TradeTip 3; G-thread 7/8"	0289 390

## Gun filter insert (06)

Avoid nozzle blockages	Article no.
Gun filter insert, red; 180 MA; 0.084 mm MW; extra fine	0034 383
Gun filter insert, yellow, 100 MA; 0.14 mm MW, fine	0043 235
Gun filter insert, white, 50 MA; 0.31 mm MW; medium	0034 377
Gun filter insert, green, 30 MA; 0.56 mm MW; coarse	0089 323

Also available in a pack of 10. For more information, visit [www.wagner-group.com](http://www.wagner-group.com)

## AirCoat nozzle extension (07)

Greater flexibility for difficult to reach surfaces	Article no.
AirCoat nozzle extension, 30 cm	0394 090



## AirCoat air caps

Perfect air flow for every material	Article no.
Blue for water-thinnable materials (water-based enamel); including union nut (08)	0394 911
Green for water-based and solvent-based materials including union nut (09)	0394 912
Red for solvent-based materials (solvent-based paints) including union nut (10)	0394 910
Complete union nut (11)	0394 921

## Cleaning / storage / preserving

Good condition at all times	Article no.
TipClean; container including special cleaner (12)	0097 108
TipClean Box; Container including special cleaner (24 items)	0097 109
TipClean refill bottle; 1 litre	0097 110
Nozzle cleaning needle set; 0.05 - 0.50 mm; 12 items	8612 001

For more accessories, please contact your preferred dealer or consult our complete catalogue online at [www.wagner-group.com/compass](http://www.wagner-group.com/compass).

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