

# » SOLID STREAM NOZZLES OVERVIEW OF TYPES



Lechler solid stream nozzles are characterized by a stable and powerful jet stream, with low pressure and high pressure variants available. When concentrated spray power is required, e.g. in cleaning processes, the precision of Lechler solid stream nozzles enhances the productivity and performance for every installation.

## Low pressure and high pressure solid stream nozzles



- Concentrated solid jet stream, minimal atomization
- High impact
- Suitable for cleaning and washing processes
- Injection
- Targeted cooling
- Pasteurization

## International nozzle code





High pressure solid stream nozzle designations are governed by international standards. The two digits specify the flow rate in US gallons per minute at 40 psi. Our high pressure solid stream nozzles (series 546/548/550) are specified with this international nozzle code.

02

Flow rate in US gal/min at 40 psi  
Conversion: Value · 3.22 = flow rate in l/min at 2 bar  
example: 0.2 gal/min at 40 psi = 0.644 l/min at 2 bar

# SOLID STREAM NOZZLES OVERVIEW OF SERIES



		Solid stream nozzles			
					
Series		544	546	548	550
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Pressure range	Low pressure	•			
	High pressure		•	•	•
Flow rate	Low ≤ 20 l/min	• (at p = 5 bar)	• (at p = 80 bar)	• (at p = 80 bar)	• (at p = 80 bar)
	High > 20 l/min		• (at p = 80 bar)	• (at p = 80 bar)	• (at p = 80 bar)
Nozzle material	Stainless steel	•	•	•	•
	Brass	•			
Nozzle connection		1/8 BSPT 1/4 BSPT	1/4 BSPT 1/4 NPT	Assembly with retaining nut 3/8 BSPP	1/8 BSPT 1/8 NPT