

| | Control Venturi TLVE-6 | Wide Throat T-159-6 | Double Venturi T-125-6 | BAZOOKA™ T-159-6VP |
|----------------------------|------------------------|---------------------|------------------------|--------------------|
| Size of Blast Pattr | 3" | 3" | 3" | 4" |
| Nozzle-to-Surface Distance | 18" | 18" | 18" | 18" |
| Av. Back Pressure | 15 | 13 | 14 | 11 |

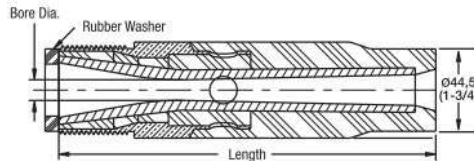
Tungsten Carbide Nozzles offer long life and economy when rough handling can not be avoided and mineral or coal slag abrasives are used.

BP200 SiAION Nozzles offer service life and durability similar to tungsten carbide, but are only about half the weight. BP200 SiAION nozzles are an excellent choice when operators are on the job for long periods and prefer a lightweight nozzle.

Boron Carbide Nozzles provide long life with optimum air and abrasive use. Boron carbide is ideal for aggressive abrasives such as aluminum oxide and selected mineral aggregates when rough handling can be avoided. Boron carbide will typically *outwear tungsten carbide by five to ten times.*

Long Venturi

- Thread style: 1-1/4 – 11-1/2 N.P.S.M.
- For physically demanding operations.
- Less resistance against breakage.
- Brass threads.
- Reinforced polyurethane upper body.



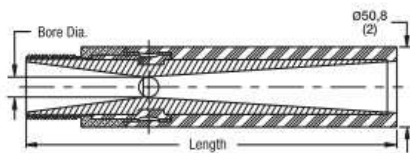
| Bore Size | Length | Tungsten Carbide | BP200 Siaion | Boron Carbide |
|-----------|--------|------------------|--------------|---------------|
| 3/16" | 4 3/8" | TLVE-3P | SN156-3P | NA |
| 1/4" | 5 1/2" | TLVE-4P | SN156-4P | BLVE-4P |
| 5/16" | 5 7/8" | TLVE-5P | SN156-5P | BLVE-5P |
| 3/8" | 6 7/8" | TLVE-6P | SN156-6P | BLVE-6P |
| 1/2" | 9 1/8" | TLVE-8P | SN156-8P | BLVE-8P |

Bazooka Nozzles

For white metal or near white metal blast use at 125 to 150 psi nozzle pressure. For commercial or sweep blast use at 90 to 100 psi nozzle pressure. The BAZOOKA™ yields a 60% larger blast pattern with minimal operator fatigue.

Dimensions below are shown in millimeters and (inches).

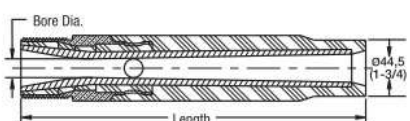
- Thread style: 1-1/4 – 11-1/2 N.P.S.M.
- Polyurethane jacket.
- Brass threads.



| Bore Size | Length | Tungsten Carbide | BP200 Siaion |
|-----------|--------|------------------|--------------|
| 1/4" | 6 1/8" | T159-4VP | SN159-4VP |
| 3/8" | 9 1/4" | T159-6VP | SN159-6VP |
| 1/2" | 9 1/4" | T159-8VP | SN159-8VP |
| 3/4" | 9 1/4" | T159-12VP | |

Wide Throat Long Venturi (15% faster when used with 1 1/4" blast hose)

- Thread style: 1-1/4 – 11-1/2 N.P.S.M.
- Polyurethane jacket.
- Brass threads.



| Bore Size | Length | Tungsten Carbide | BP200 Siaion |
|-----------|--------|------------------|--------------|
| 5/16" | 5 7/8" | T159-5P | SN159-5P |
| 3/8" | 6 7/8" | T159-6P | SN159-6P |
| 1/2" | 9 1/8" | T159-8P | SN159-8P |
| 5/8" | 9 1/4" | T159-10P | SN159-10P |

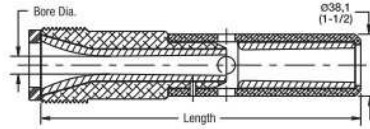


Double Venturi

The double venturi offers a 35% larger blast pattern than a standard long venturi with only a slight loss in abrasive velocity. Designed to be used on jobs where medium cutting action is required with a more even dispersion of abrasive throughout the larger blast pattern. Excellent for plastic or agricultural abrasives.

Dimensions below are shown in millimeters and (inches).

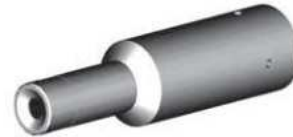
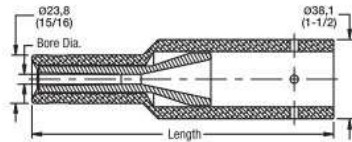
- Thread style: 1-1/4 – 11-1/2 N.P.S.M.
- Metal jacket.
- Aluminum threads.



| Bore Size | Length | Tungsten Carbide | BP200 Siaion |
|-----------|---------|------------------|--------------|
| 3/16" | 5" | T125-3 | |
| 1/4" | 5 7/8" | T125-4 | SN125-4 |
| 5/16" | 6 5/16" | T125-5 | SN125-5 |
| 3/8" | 6 7/8" | T125-6 | SN125-6 |
| 1/2" | 9 1/4" | T125-8 | SN125-8 |

Tungsten Carbide Slip On Nozzle

- Aluminum jacket.
- Slip-on assembly.



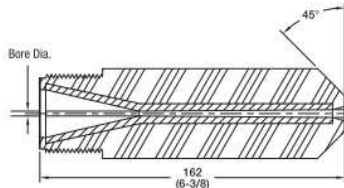
| Bore Size | Vacublast # | Tungsten Carbide |
|-----------|-------------|------------------|
| 3/16" | | T101-3 |
| 1/4" | | T101-4 |

Fan Nozzles

Excellent for medium cleaning and stripping applications where an even dispersion of the abrasive throughout the wide uniform blast pattern is required. Acceptable for use with most types of abrasives. Designed to be used with 25mm (1") I.D. blast hose.

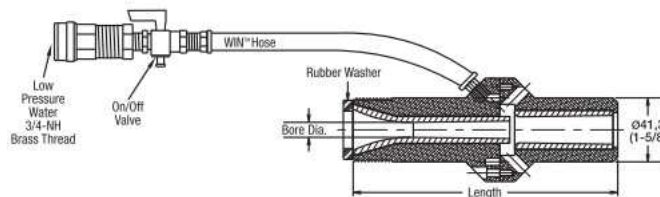
Dimensions below are shown in millimeters and (inches).

- Thread style: 1-1/4 – 11-1/2 N.P.S.M.
- Lightest weight.
- Polyurethane jacket.
- Polyurethane threads.



| Bore Size | Length | Tungsten Carbide | BP200 Siaion |
|-----------|---------|------------------|--------------|
| 3/8" | 6-3/8" | FAN-6AP | SN FAN-6AP |
| 1/2" | 12-3/8" | | SN FAN-8P |

Wet Blast Heads



| Bore Size | Thread Size | Length | Tungsten Carbide |
|-----------|-------------|--------|------------------|
| 3/16" | 3/4" | 3-1/2" | Mini WIN-3 |
| 1/4" | 3/4" | 3-1/2" | Mini WIN-4 |
| 5/16" | 3/4" | 3-1/2" | Mini WIN-5 |
| 1/4" | 1 1/4" | 5-3/4" | WIN-4 |
| 5/16" | 1 1/4" | 6-1/4" | WIN-5 |
| 3/8" | 1 1/4" | 6-3/4" | WIN-6 |

Nozzle Air and Pressure Requirements Chart

■ Nozzle Pressure – PSI (Bar)

| nozzle orifice mm (in) | air, power, and abrasive requirements | 50 psi (3,45 bar) | 60 psi (4,14 bar) | 70 psi (4,83 bar) | 80 psi (5,52 bar) | 90 psi (6,21 bar) | 100 psi (6,89 bar) | 125 psi (8,62 bar) |
|-----------------------------|---------------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|-----------------------|
| 3,2 (1/8) | air: cu m/min (cu ft/min) | 0,34 (12) | 0,37 (13) | 0,42 (15) | 0,51 (18) | 0,54 (19) | 0,59 (21) | 0,74 (26) |
| | horsepower: kw (hp) | 1,30 (1,75) | 1,49 (2) | 1,86 (2,5) | 2,24 (3) | 2,61 (3,5) | 2,98 (4) | 4,47 (6) |
| | abrasive: kg/hr (lb/hr) | 32 (70) | 36 (80) | 41 (90) | 45 (100) | 50 (110) | 54 (120) | 61 (135) |
| 4,8 (3/16) | air: cu m/min (cu ft/min) | 0,71 (25) | 0,85 (30) | 0,99 (35) | 1,13 (40) | 1,22 (43) | 1,27 (45) | 1,70 (60) |
| | horsepower: kw (hp) | 3,73 (5) | 5,97 (8) | 6,71 (9) | 7,08 (9,5) | 7,46 (10) | 7,83 (10,5) | 11,93 (16) |
| | abrasive: kg/hr (lb/hr) | 68 (150) | 77 (170) | 91 (200) | 98 (215) | 109 (240) | 118 (260) | 145 (320) |
| 6,35 (1/4) | air: cu m/min (cu ft/min) | 1,42 (50) | 1,56 (55) | 1,70 (60) | 1,98 (70) | 2,12 (75) | 2,27 (80) | 2,69 (95) |
| | horsepower: kw (hp) | 7,46 (10) | 8,95 (12) | 9,69 (13) | 11,93 (16) | 12,68 (17) | 13,42 (18) | 18,64 (25) |
| | abrasive: kg/hr (lb/hr) | 122 (270) | 136 (300) | 159 (350) | 181 (400) | 204 (450) | 227 (500) | 306 (675) |
| 8 (5/16) | air: cu m/min (cu ft/min) | 2,27 (80) | 2,55 (90) | 2,83 (100) | 3,26 (115) | 3,54 (125) | 3,96 (140) | 5,38 (190) |
| | horsepower: kw (hp) | 12,68 (17) | 14,91 (20) | 18,64 (25) | 20,13 (27) | 20,88 (28) | 22,37 (30) | 26,85 (36) |
| | abrasive: kg/hr (lb/hr) | 213 (470) | 240 (530) | 272 (600) | 306 (675) | 340 (750) | 374 (825) | 454 (1000) |
| 9,5 (3/8) | air: cu m/min (cu ft/min) | 3,12 (110) | 3,54 (125) | 4,11 (145) | 4,53 (160) | 4,96 (175) | 5,66 (200) | 7,79 (275) |
| | horsepower: kw (hp) | 18,64 (25) | 21,63 (29) | 23,86 (32) | 26,10 (35) | 29,83 (40) | 33,56 (45) | 42,50 (57) |
| | abrasive: kg/hr (lb/hr) | 306 (675) | 352 (775) | 397 (875) | 442 (975) | 481 (1060) | 499 (1100) | 612 (1350) |
| 11 (7/16) | air: cu m/min (cu ft/min) | 4,25 (150) | 4,81 (170) | 5,66 (200) | 6,09 (215) | 6,80 (240) | 7,22 (255) | 8,92 (315) |
| | horsepower: kw (hp) | 26,10 (35) | 29,83 (40) | 33,56 (45) | 37,28 (50) | 41,01 (55) | 44,74 (60) | 52,20 (70) |
| | abrasive: kg/hr (lb/hr) | 408 (900) | 454 (1000) | 544 (1200) | 590 (1300) | 635 (1400) | 703 (1550) | 816 (1800) |
| 12,7 (1/2) | air: cu m/min (cu ft/min) | 5,66 (200) | 6,37 (225) | 7,08 (250) | 7,79 (275) | 8,50 (300) | 9,63 (340) | 12,18 (430) |
| | horsepower: kw (hp) | 33,56 (45) | 37,28 (50) | 41,01 (55) | 46,98 (63) | 52,20 (70) | 55,93 (75) | 70,84 (95) |
| | abrasive: kg/hr (lb/hr) | 544 (1200) | 612 (1350) | 680 (1500) | 771 (1700) | 839 (1850) | 919 (2025) | 1145 (2525) |
| 16 (5/8) | air: cu m/min (cu ft/min) | 8,50 (300) | 9,91 (350) | 11,33 (400) | 12,74 (450) | 14,16 (500) | 15,58 (550) | 19,82 (700) |
| | horsepower: kw (hp) | 52,20 (70) | 59,66 (80) | 67,11 (90) | 74,57 (100) | 82,03 (110) | 89,48 (120) | 111,85 (150) |
| | abrasive: kg/hr (lb/hr) | 862 (1900) | 998 (2200) | 1089 (2400) | 1225 (2700) | 1361 (3000) | 1497 (3300) | 1814 (4000) |
| 19 (3/4) | air: cu m/min (cu ft/min) | 12,18 (430) | 14,16 (500) | 16,28 (575) | 18,41 (650) | 19,82 (700) | 22,66 (800) | 31,15 (1100) |
| | horsepower: kw (hp) | 74,57 (100) | 85,76 (115) | 96,94 (130) | 108,13 (145) | 119,31 (160) | 130,50 (175) | 160,33 (215) |
| | abrasive: kg/hr (lb/hr) | 1225 (2700) | 1406 (3100) | 1588 (3500) | 1769 (3900) | 1950 (4300) | 2132 (4700) | 2586 (5700) |

This table is to be used as reference only. Actual results may vary depending on specific abrasive medium used. This table is based on abrasive with a bulk density of 100 pounds per cubic foot.