

EXTENSION NIPPLES

Durable Stainless Steel for Reduced Standoff Distance

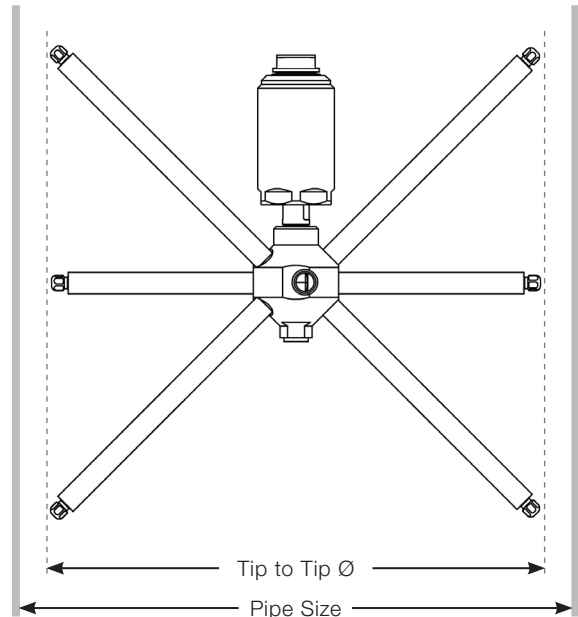
Extension nipples maximize jet power and material removal rates by placing nozzles close to the target surface being cleaned.

StoneAge offers a range of durable, stainless steel extension nipples to suit several of our pipe and tank cleaning tools. Custom lengths are available. Contact your Account Representative for price and availability.

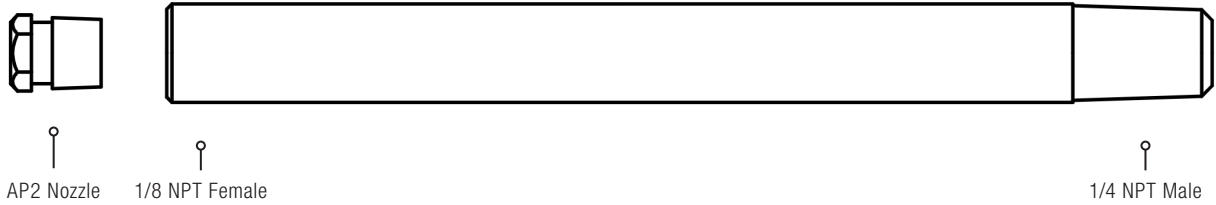
LENGTH OF EXTENSION

Length of extension is determined by pipe size. Tip to tip diameter (\emptyset) of extension length is based on desired standoff and actual tool location in pipe. Extension lengths may differ at individual port angles, for example: the standard nipple listed is as close to 1" of standoff as possible but actual standoff might be $\pm .5"$ at the 90° and $+.5"$ to $-5"$ at the 45° and 135° ports.

Use the tables below to select appropriate length of extension for required tip to tip diameter.



1/4 NPT PORT EXTENSION NIPPLES



EXTENSION SPECIFICATIONS

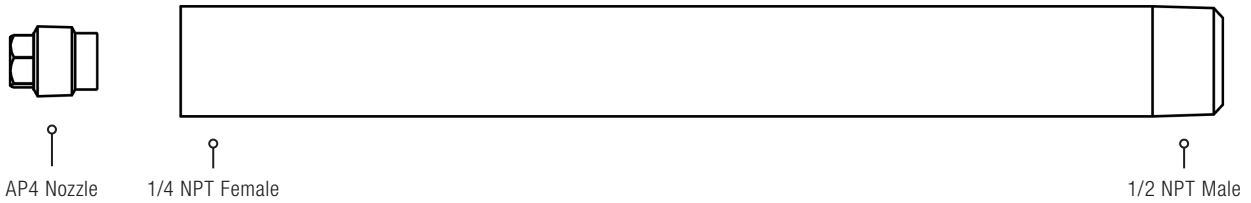
| NIPPLE LENGTH | PART ID | TIP-TO-TIP DIAMETER* | | | |
|---------------|-----------------------|----------------------|---------------|-----------------------|---------------|
| | | RPT 044 HEADS | | BJ 044 & BJ 144 HEADS | |
| | | 80°, 90°, 100° | 45°, 135° | 80°, 90°, 100° | 45°, 135° |
| 2 in. 51 mm | SA 567-P4P2-2 | 7 in. 178 mm | 6 in. 152 mm | 8 in. 203 mm | 7 in. 178 mm |
| 3 in. 76 mm | SA 567-P4P2-3 | 9 in. 229 mm | 7 in. 178 mm | 10 in. 254 mm | 8 in. 203 mm |
| 4 in. 101 mm | SA 567-P4P2-4 | 11 in. 280 mm | 9 in. 229 mm | 12 in. 305 mm | 10 in. 254 mm |
| 6 in. 152 mm | SA 567-P4P2-6 | 15 in. 381 mm | 11 in. 280 mm | 16 in. 406 mm | 12 in. 305 mm |
| 8 in. 203 mm | SA 567-P4P2-8 | 19 in. 483 mm | 15 in. 381 mm | 20 in. 508 mm | 16 in. 406 mm |
| 10 in. 254 mm | SA 567-P4P2-10 | 23 in. 584 mm | 17 in. 432 mm | 24 in. 610 mm | 18 in. 457 mm |
| 12 in. 305 mm | SA 567-P4P2-12 | 27 in. 686 mm | 21 in. 533 mm | 28 in. 711 mm | 23 in. 584 mm |

*Overall length including nozzles. Extension weight per inch (25 mm) = 0.05 lbs (0.02 kg)

Can be fitted to the following heads:

- BJ 044-P4-6-R09
- BJ 044-P4-6-R12
- BJ 044-P4-6-R20
- BJ 044-P4-6-R35
- BJ 044-P4-6-R60
- BJ 044-P4-7-R09
- BJ 044-P4-7-R12
- BJ 044-P4-7-R20
- BJ 044-P4-7-R35
- BJ 044-P4-7-R60
- BJ 144-P4-6-R12
- BJ 144-P4-6-R20
- BJ 144-P4-6-R35
- BJ 144-P4-6-R60
- BJ 144-P4-7-R12
- BJ 144-P4-7-R20
- BJ 144-P4-7-R35
- BJ 144-P4-7-R6
- RPT 044-P4-6-R11
- RPT 044-P4-6-R18
- RPT 044-P4-6-R30

1/2 NPT PORT EXTENSION NIPPLES



EXTENSION SPECIFICATIONS

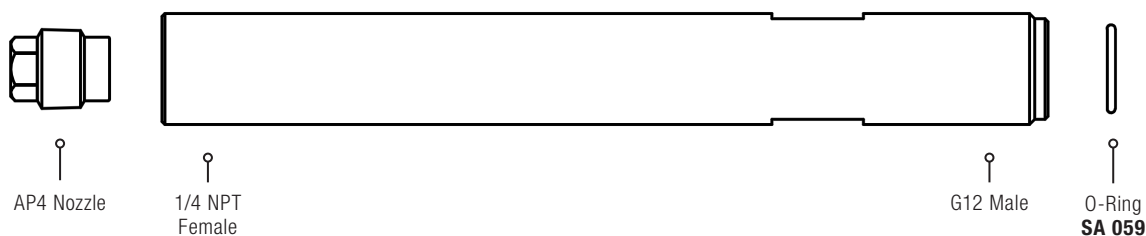
| NIPPLE LENGTH | PART ID | TIP-TO-TIP DIAMETER* | |
|---------------|-----------------------|----------------------|----------------|
| | | BJ 041 HEADS | |
| | | 80°, 90°, 100° | 45°, 135° |
| 2 in. 51 mm | SA 356-P8P4-2 | 8 in. 203 mm | 7 in. 178 mm |
| 3 in. 76 mm | SA 356-P8P4-3 | 10 in. 254 mm | 8 in. 203 mm |
| 4 in. 101 mm | SA 356-P8P4-4 | 12 in. 305 mm | 10 in. 254 mm |
| 6 in. 152 mm | SA 356-P8P4-6 | 16 in. 406 mm | 12 in. 305 mm |
| 8 in. 203 mm | SA 356-P8P4-8 | 20 in. 508 mm | 16 in. 406 mm |
| 10 in. 254 mm | SA 356-P8P4-10 | 24 in. 610 mm | 18 in. 457 mm |
| 12 in. 305 mm | SA 356-P8P4-12 | 28 in. 711 mm | 21 in. 533 mm |
| 18 in. 457 mm | SA 356-P8P4-18 | 40 in. 1016 mm | 30 in. 762 mm |
| 24 in. 610 mm | SA 356-P8P4-24 | 52 in. 1320 mm | 40 in. 1016 mm |
| 36 in. 914 mm | SA 356-P8P4-36 | 76 in. 1930 mm | 60 in. 1524 mm |

*Overall length including nozzle. Extension weight per inch (25 mm) = 0.11 lbs (0.05 kg)

Can be fitted to the following heads:

- BJ 041-P8-6-R12
- BJ 041-P8-6-R20
- BJ 041-P8-6-R35
- BJ 041-P8-6-R60

G12 PORT EXTENSION NIPPLES



EXTENSION SPECIFICATIONS

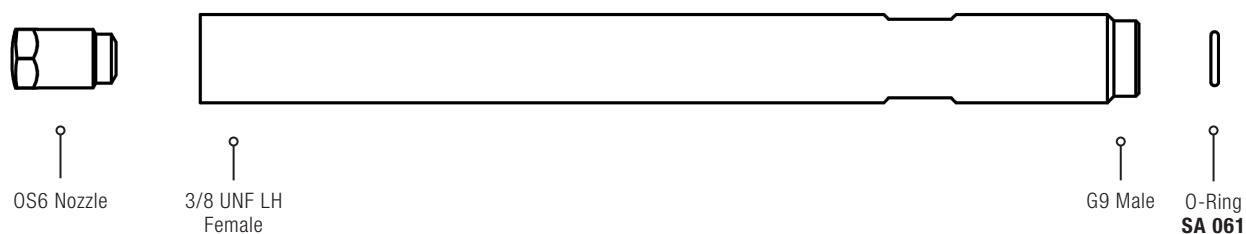
| NIPPLE LENGTH | PART ID | TIP-TO-TIP DIAMETER* | | |
|---------------|-----------------|----------------------|----------------|----------------|
| | | BJ 145 HEADS | | TORUS MANIFOLD |
| | | 90° | 45°, 135° | |
| 2 in. 51 mm | SA 577-G12P4-2 | 8 in. 203 mm | 7 in. 178 mm | 6 in. 152 mm |
| 3 in. 76 mm | SA 577-G12P4-3 | 10 in. 254 mm | 8 in. 203 mm | 7 in. 178 mm |
| 4 in. 101 mm | SA 577-G12P4-4 | 12 in. 305 mm | 10 in. 254 mm | 9 in. 229 mm |
| 6 in. 152 mm | SA 577-G12P4-6 | 16 in. 406 mm | 12 in. 305 mm | 11 in. 279 mm |
| 8 in. 203 mm | SA 577-G12P4-8 | 20 in. 508 mm | 16 in. 406 mm | 15 in. 381 mm |
| 10 in. 254 mm | SA 577-G12P4-10 | 24 in. 610 mm | 18 in. 457 mm | 17 in. 432 mm |
| 12 in. 305 mm | SA 577-G12P4-12 | 28 in. 711 mm | 21 in. 533 mm | 21 in. 533 mm |
| 18 in. 457 mm | SA 577-G12P4-18 | 40 in. 1016 mm | 30 in. 762 mm | 29 in. 737 mm |
| 24 in. 610 mm | SA 577-G12P4-24 | 60 in. 1524 mm | 38 in. 965 mm | 37 in. 940 mm |
| 36 in. 914 mm | SA 577-G12P4-36 | 80 in. 2032 mm | 55 in. 1397 mm | 54 in. 1372 mm |

*Overall length including nozzle. Extension weight per inch (25 mm) = 0.08 lbs (0.04 kg)

Can be fitted to the following heads and Torus manifolds:

- BJ 145-G12-R12
- BJ 145-G12-R20
- BJ 145-G12-R35
- BJ 145-G12-R60
- TR130 240-R150
- TR130 240-R30
- TR130 240-R50
- TR130 240-R90

G9 PORT EXTENSION NIPPLES



EXTENSION SPECIFICATIONS

| NIPPLE LENGTH | PART ID | TIP-TO-TIP DIAMETER* | |
|---------------|----------------|----------------------|---------------|
| | | BJ 441 HEADS | |
| | | 80°, 100° | 135° |
| 2 in. 51 mm | SA 569-G9S6-2 | 8 in. 203 mm | 7 in. 178 mm |
| 3 in. 76 mm | SA 569-G9S6-3 | 10 in. 254 mm | 8 in. 203 mm |
| 4 in. 101 mm | SA 569-G9S6-4 | 12 in. 305 mm | 10 in. 254 mm |
| 5 in. 127 mm | SA 569-G9S6-5 | 14 in. 356 mm | 11 in. 279 mm |
| 6 in. 152 mm | SA 569-G9S6-6 | 16 in. 406 mm | 12 in. 305 mm |
| 7 in. 177 mm | SA 569-G9S6-7 | 18 in. 457 mm | 14 in. 356 mm |
| 8 in. 203 mm | SA 569-G9S6-8 | 20 in. 508 mm | 16 in. 406 mm |
| 10 in. 254 mm | SA 569-G9S6-10 | 24 in. 610 mm | 18 in. 457 mm |
| 12 in. 305 mm | SA 569-G9S6-12 | 28 in. 711 mm | 21 in. 533 mm |

*Overall length including nozzle. Extension weight per inch (25 mm) = 0.06 lbs (0.03 kg)

Can be fitted to the following heads:

- BJ 441-G9-R25
- BJ 441-G9-R40
- BJ 441-G9-R70