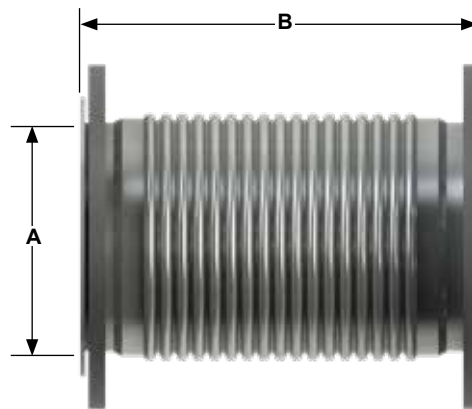


M-11 BELLOWS

Expansion Joints / Bellows

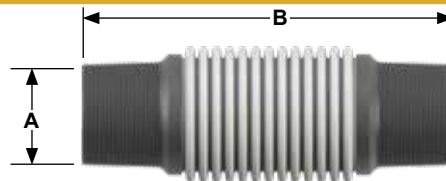
Floating ANSI Flange / ANSI Flange

| Part Number | A | B |
|---------------|-----|----|
| M-11-1F1-3512 | 3.5 | 12 |
| M-11-1F1-412 | 4 | 12 |
| M-11-1F1-512 | 5 | 12 |
| M-11-1F1-612 | 6 | 12 |
| M-11-1F1-618 | 6 | 18 |
| M-11-1F1-812 | 8 | 12 |
| M-11-1F1-818 | 8 | 18 |
| M-11-1F1-1012 | 10 | 12 |
| M-11-1F1-1018 | 10 | 18 |
| M-11-1F1-1212 | 12 | 12 |
| M-11-1F1-1218 | 12 | 18 |
| M-11-1F1-1412 | 14 | 12 |
| M-11-1F1-1418 | 14 | 18 |
| M-11-1F1-1612 | 16 | 12 |
| M-11-1F1-1618 | 16 | 18 |
| M-11-1F1-1812 | 18 | 12 |
| M-11-1F1-1818 | 18 | 18 |
| M-11-1F1-2012 | 20 | 12 |
| M-11-1F1-2018 | 20 | 18 |
| M-11-1F1-2212 | 22 | 12 |
| M-11-1F1-2218 | 22 | 18 |
| M-11-1F1-2412 | 24 | 12 |
| M-11-1F1-2418 | 24 | 18 |
| M-11-1F1-2612 | 26 | 12 |
| M-11-1F1-2618 | 26 | 18 |
| M-11-1F1-2812 | 28 | 12 |
| M-11-1F1-2818 | 28 | 18 |
| M-11-1F1-3012 | 30 | 12 |
| M-11-1F1-3018 | 30 | 18 |



Male NPT / Male NPT

| Part Number | A | B |
|--------------|-----|----|
| M-11-22-3514 | 3.5 | 14 |
| M-11-22-414 | 4 | 14 |
| M-11-22-516 | 5 | 16 |
| M-11-22-618 | 6 | 18 |



Threaded pipe nipples may be replaced with plain pipe stubs.

- All dimensions are in inches.
- Other sizes available, call for details.
- All ANSI flanges may be replaced with a standard Caterpillar, Cummins, or MTU engine flanges.
- Bellows are 321 stainless steel. End connections are carbon steel. Connections available in stainless steel.
- Bellows flow liners are recommended for exhaust 6" and below when gas/stream flow conditions are greater than or equal to 4 ft/second/inch of diameter and for exhaust 8" and above when gas/stream flow conditions are greater than or equal to 25 ft/second.

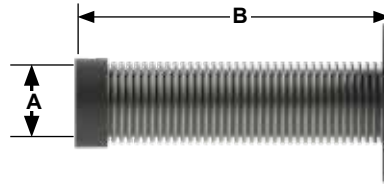


M-11 BELLOWS

Expansion Joints / Bellows

Female Half Coupling / ANSI Flange

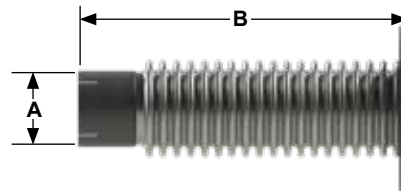
| Part Number | A | B |
|--------------|-----|----|
| M-11-31-3514 | 3.5 | 14 |
| M-11-31-414 | 4 | 14 |
| M-11-31-516 | 5 | 16 |
| M-11-31-618 | 6 | 18 |



Slotted ID Cuff / ANSI Flange

| Part Number | A | B |
|--------------|-----|----|
| M-11-41-3514 | 3.5 | 14 |
| M-11-41-414 | 4 | 14 |
| M-11-41-514 | 5 | 14 |
| M-11-41-618 | 6 | 18 |

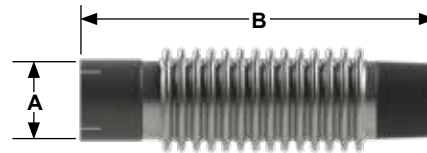
Cuff may be replaced by plain tube.



Slotted ID Cuff / Male NPT

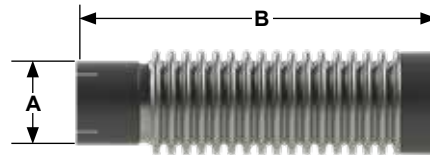
| Part Number | A | B |
|--------------|-----|----|
| M-11-42-3514 | 3.5 | 14 |
| M-11-42-414 | 4 | 14 |
| M-11-42-516 | 5 | 16 |
| M-11-42-618 | 6 | 18 |

Threaded pipe nipples may be replaced with plain pipe stubs.



Slotted ID Cuff / Female Half Coupling

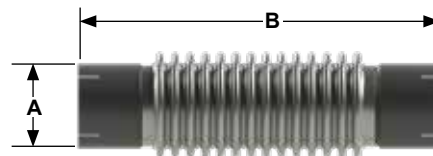
| Part Number | A | B |
|--------------|-----|----|
| M-11-43-3514 | 3.5 | 14 |
| M-11-43-414 | 4 | 14 |



Slotted ID Cuff / Slotted ID Cuff

| Part Number | A | B |
|--------------|-----|----|
| M-11-44-3518 | 3.5 | 18 |
| M-11-44-418 | 4 | 18 |
| M-11-44-518 | 5 | 18 |
| M-11-44-618 | 6 | 18 |
| M-11-44-818 | 8 | 18 |
| M-11-44-1018 | 10 | 18 |
| M-11-44-1218 | 12 | 18 |

Tube ends may be substituted.



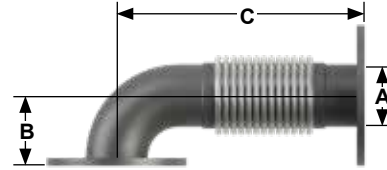
- All dimensions are in inches.
- Other sizes available, call for details.
- All ANSI flanges may be replaced with a standard Caterpillar, Cummins, or MTU engine flanges.
- Bellows are 321 stainless steel. End connections are carbon steel. Connections available in stainless steel.
- Bellows flow liners are recommended for exhaust 6" and below when gas/stream flow conditions are greater than or equal to 4 ft/second/inch of diameter and for exhaust 8" and above when gas/stream flow conditions are greater than or equal to 25 ft/second.

M-11 BELLOWS

Expansion Joints / Bellows

Floating ANSI Flange / 90° Elbow / Floating ANSI Flange

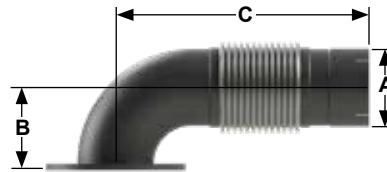
| Part Number | A | B | C |
|------------------------|----|-----|----|
| M-11-1F61F-400-B45C16 | 4 | 4.5 | 16 |
| M-11-1F61F-500-B55C16 | 5 | 5.5 | 16 |
| M-11-1F61F-600-B65C18 | 6 | 6.5 | 18 |
| M-11-1F61F-800-B9C18 | 8 | 9 | 18 |
| M-11-1F61F-1000-B11C24 | 10 | 11 | 24 |
| M-11-1F61F-1200-B13C24 | 12 | 13 | 24 |



Floating ANSI Flange / 90° Elbow / Slotted ID Cuff

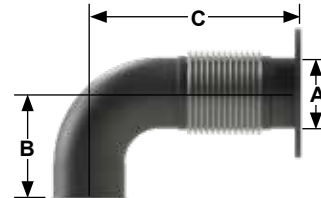
| Part Number | A | B | C |
|----------------------|---|-----|----|
| M-11-1F64-400-B45C18 | 4 | 4.5 | 18 |
| M-11-1F64-500-B55C18 | 5 | 5.5 | 18 |
| M-11-1F64-600-B65C20 | 6 | 6.5 | 20 |

Tube ends may be substituted.



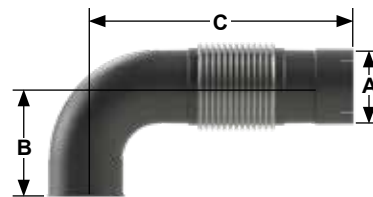
Flared Flange / 90° Elbow / Floating ANSI Flange

| Part Number | A | B | C |
|---------------------|---|---|----|
| M-11-761F-500-B8C18 | 5 | 8 | 18 |
| M-11-761F-600-B9C18 | 6 | 9 | 18 |



Flared Flange / 90° Elbow / Slotted ID Cuff

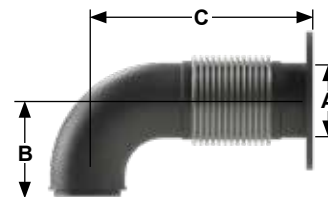
| Part Number | A | B | C |
|----------------------|-----|-----|----|
| M-11-764-350-B5C18 | 3.5 | 5 | 18 |
| M-11-764-400-B5.5C18 | 4 | 5.5 | 18 |
| M-11-764-500-B8C20 | 5 | 8 | 20 |
| M-11-764-600-B9C22 | 6 | 9 | 22 |



Machined Turbo Flange / 90° Elbow / Floating ANSI Flange

| Part Number | A | B | C |
|---------------------------|---|------|----|
| M-11-861F-500-B6.63C18 | 5 | 6.63 | 18 |
| M-11-861F-600-B7.63C18 | 6 | 7.63 | 18 |
| M-11-DD-861F-600-B9.47C20 | 6 | 9.47 | 20 |

Both 5" and 6" connectors are equipped with a 5" machined turbo flange.



- All dimensions are in inches.
- Other sizes available, call for details.
- All ANSI flanges may be replaced with a standard Caterpillar, Cummins, or MTU engine flanges.
- Bellows are 321 stainless steel. End connections are carbon steel.
- Connections available in stainless steel.
- Bellows flow liners are recommended for exhaust 6" and below when gas/stream flow conditions are greater than or equal to 4 ft/second/inch of diameter and for exhaust 8" and above when gas/stream flow conditions are greater than or equal to 25 ft/second.

