

PSP[®]

PermaShield Pipe

Stainless Steel Corrosive Fume
Exhaust Systems With
PermaShield Fluoropolymer
Barrier Coating

ROUND DUCT ORDER COVER SHEET

Catalog 10/12.6

| |
|--------------------------|
| COMPANY: |
| MAILING ADDRESS: |
| CITY / STATE / ZIP CODE: |

| | |
|---------------|----------------|
| PROJECT MGR.: | |
| PHONE NO.: | ORDER DATE: |
| FAX NO.: | DELIVERY DATE: |

| |
|----------------|
| SHIP TO: |
| STREET / ROAD: |
| CITY / STATE |

| | |
|-------------------------------|------------|
| FOR FAB-TECH ENGINEERING USE: | |
| DETAILER: | DATE: |
| REF LAYOUT DRAWING: | CUT CODE: |
| JOB NAME: | ORDER NO.: |

| | | |
|-----------|----------------|--------------|
| JOB NAME: | JOB PHONE NO.: | JOB FAX NO.: |
|-----------|----------------|--------------|

| | |
|--|--------|
| SYSTEM PRESSURE CLASS: | OTHER: |
| <input type="checkbox"/> -6" wg <input type="checkbox"/> -8" wg <input type="checkbox"/> -10" wg <input type="checkbox"/> -12" wg <input type="checkbox"/> -14" wg <input type="checkbox"/> -16" wg <input type="checkbox"/> -18" wg | |

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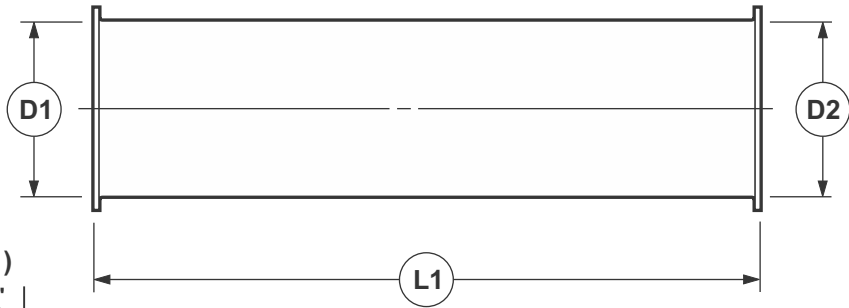
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Straight Duct

| RING TYPES | |
|------------|--|
| EZ | EZ CLAMPS (AVAILABLE 4" - 14") |
| SC | STAINLESS CAST RINGS (AVAILABLE 4" - 14") |
| BI | BLACK IRON ANGLE RINGS (AVAILABLE 4" - 100") |
| SS | STAINLESS ANGLE RINGS (AVAILABLE 16" - 120") |



STANDARD DUCT LENGTHS ("L1")

| JOINT SYSTEM | DIAMETER | "L1" (4') | "L1" (8') |
|--------------------------|--------------|--------------|--------------|
| EZ CLAMP / CAST RING | 4" & 6" | 47.25" | NA |
| | 8" TO 14" | 47.25" | 95.25" |
| BLACK IRON ANGLE RING | 4" & 6" | 47.25" | NA |
| | 8" TO 48" | 47.25" | 95.25" |
| | 50" TO 94" | 46.75" | 94.75" |
| STAINLESS ANGLE RING | 16" TO 48" | 47.25" | 95.25" |
| | 50" TO 100" | 46.75" | 94.75" |
| | 102" TO 120" | 48.25" | 96.25" |

OPTIONS

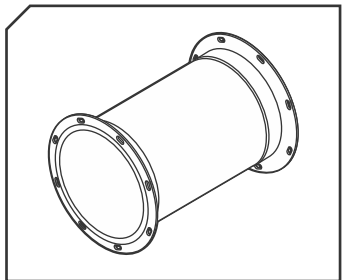
- ▶ CUSTOM LENGTHS AVAILABLE
- ▶ RAW END AVAILABLE
- ▶ DUCT GREATER THAN 84" DIAMETER REQUIRES FAB-TECH ENGINEERING REVIEW AND APPROVAL

LONGER THAN STANDARD LENGTHS AND/OR HIGHER SYSTEM PRESSURES MAY REQUIRE ADDITIONAL STIFFENERS PER SMACNA, CONTACT FAB-TECH FOR SPECIFIC GUIDELINES.

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | - L1 - DUCT LENGTH | - D1 - RING TYPE | - D2 - RING TYPE | REMARKS |
|----------------|-----|------------------------|--------------------------|------------------------|------------------------|---------|
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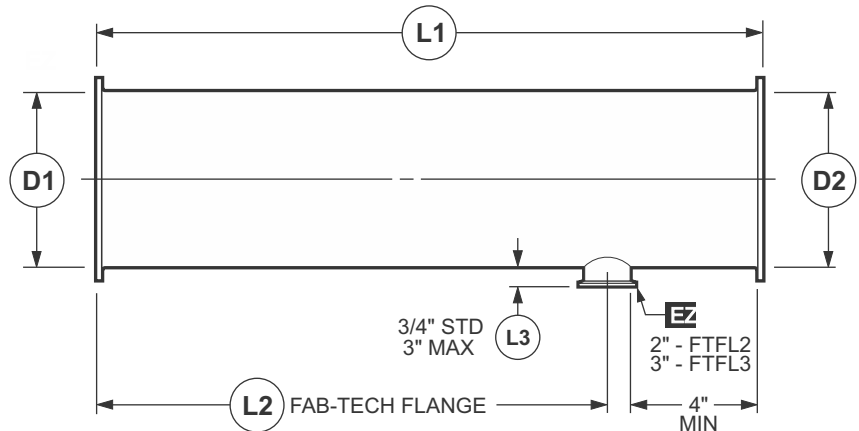
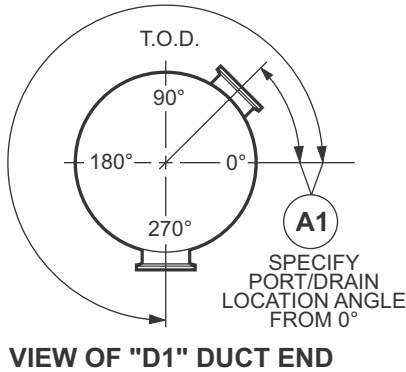
ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



**COMPANY/
JOB REFERENCE**

Straight Duct with 2" & 3" EZ Tap (Test Port, Drain)



OPTIONS

- ▶ CUSTOM LENGTHS AVAILABLE
- ▶ RAW END AVAILABLE
- ▶ MULTIPLE AND OFFSET TAPS AVAILABLE (SEE MULTIPLE TAP ORDER SHEET)
- ▶ DUCT GREATER THAN 84" DIAMETER REQUIRES FAB-TECH ENGINEERING REVIEW AND APPROVAL

STANDARD DUCT LENGTHS ("L1")

| JOINT SYSTEM | DIAMETER | "L1" (4') | "L1" (8') |
|-----------------------|--------------|-----------|-----------|
| EZ CLAMP / CAST RING | 4" & 6" | 47.25" | NA |
| | 8" TO 14" | 47.25" | 95.25" |
| BLACK IRON ANGLE RING | 4" & 6" | 47.25" | NA |
| | 8" TO 48" | 47.25" | 95.25" |
| STAINLESS ANGLE RING | 50" TO 94" | 46.75" | 94.75" |
| | 16" TO 48" | 47.25" | 95.25" |
| | 50" TO 100" | 46.75" | 94.75" |
| | 102" TO 120" | 48.25" | 96.25" |

OUR RECOMMENDATION IS TO ADD TAPS TO STANDARD 4' AND 8' STRAIGHT DUCT WHEN POSSIBLE - TAP DIMENSIONS SHOWN ARE MINS. LONGER THAN STANDARD LENGTHS AND/OR HIGHER SYSTEM PRESSURES MAY REQUIRE ADDITIONAL STIFFENERS PER SMACNA, CONTACT FAB-TECH FOR SPECIFIC GUIDELINES.

RING TYPES

- EZ** EZ CLAMPS (AVAILABLE 4" - 14")
- SC** STAINLESS CAST RINGS (AVAILABLE 4" - 14")
- BI** BLACK IRON ANGLE RINGS (AVAILABLE 4" - 100")
- SS** STAINLESS ANGLE RINGS (AVAILABLE 16" - 120")

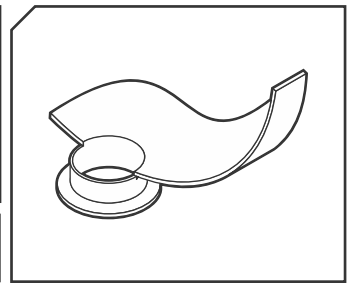
FAB-TECH FLANGE

SEE MODULAR FLANGE SYSTEM SECTION FOR ADAPTERS AND THE EZ FITTINGS SECTION FOR DUCT TO USE WITH THE FT FLANGE. FT FLANGE / TEST PORT MAY BE INSTALLED ON FITTINGS OTHER THAN STRAIGHT DUCT.

| FITTING NUMBER | QTY | MAIN DUCT SPECIFICATIONS | | | | TAP SPECIFICATIONS | | | |
|----------------|-----|--------------------------|--------------------|------------------|------------------|--|-------------------------------|-------------------|------------------------|
| | | - D1 - DUCT DIA. | - L1 - DUCT LENGTH | - D1 - RING TYPE | - D2 - RING TYPE | FAB-TECH FLANGE SIZE | - L2 - LOCATE TAP FROM D1 END | - L3 - TAP LENGTH | - A1 - TAP ORIENTATION |
| | | | | | | <input type="radio"/> 2" FTFL2 <input type="radio"/> 3" FTFL3 | | | |
| | | | | | | <input type="radio"/> 2" FTFL2 <input type="radio"/> 3" FTFL3 | | | |
| | | | | | | <input type="radio"/> 2" FTFL2 <input type="radio"/> 3" FTFL3 | | | |
| | | | | | | <input type="radio"/> 2" FTFL2 <input type="radio"/> 3" FTFL3 | | | |

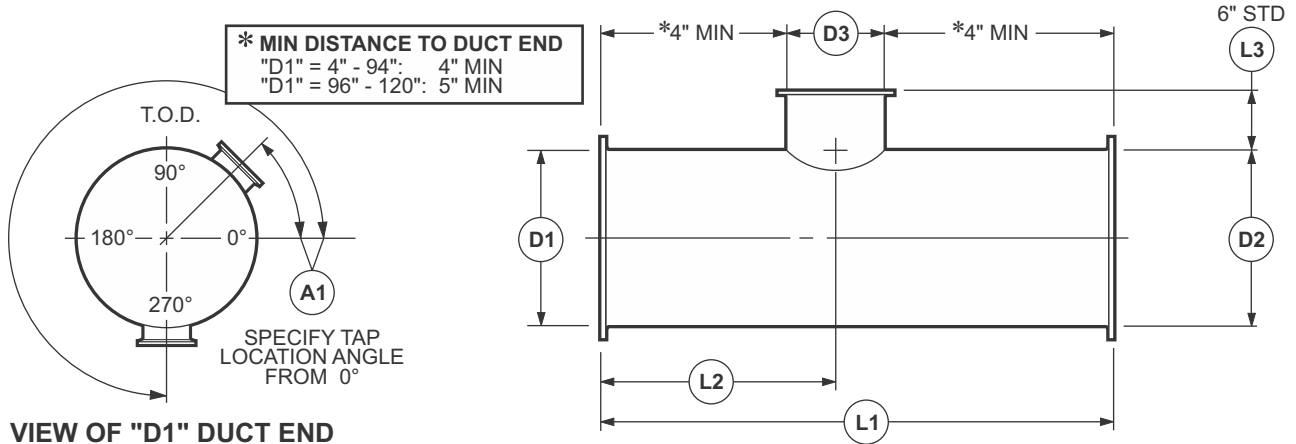
ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



COMPANY/ JOB REFERENCE

Straight Duct with Straight Tap (Not for use with 2" & 3" EZ Taps)



VIEW OF "D1" DUCT END

OPTIONS

- ▶ CUSTOM LENGTHS AVAILABLE
- ▶ RAW END AVAILABLE
- ▶ MULTIPLE AND OFFSET TAPS AVAILABLE (SEE MULTIPLE TAP ORDER SHT)
- ▶ DUCT GREATER THAN 84" DIAMETER REQUIRES FAB-TECH ENGINEERING REVIEW AND APPROVAL

OUR RECOMMENDATION IS TO ADD TAPS TO STANDARD 4' AND 8' STRAIGHT DUCT WHEN POSSIBLE - TAP DIMENSIONS SHOWN ARE MINS. LONGER THAN STANDARD LENGTHS AND/OR HIGHER SYSTEM PRESSURES MAY REQUIRE ADDITIONAL STIFFENERS PER SMACNA, CONTACT FAB-TECH FOR SPECIFIC GUIDELINES.

STANDARD DUCT LENGTHS ("L1")

| JOINT SYSTEM | DIAMETER | "L1" (4') | "L1" (8') |
|-----------------------|--------------|--------------|--------------|
| EZ CLAMP / CAST RING | 4" & 6" | 47.25" | NA |
| | 8" TO 14" | 47.25" | 95.25" |
| BLACK IRON ANGLE RING | 4" & 6" | 47.25" | NA |
| | 8" TO 48" | 47.25" | 95.25" |
| STAINLESS ANGLE RING | 50" TO 94" | 46.75" | 94.75" |
| | 16" TO 48" | 47.25" | 95.25" |
| | 50" TO 100" | 46.75" | 94.75" |
| | 102" TO 120" | 48.25" | 96.25" |

STRAIGHT TAP
 "L1" MIN = "D3" + 8"
 "L1" MAX = 96-1/4"
 "D3" MAX = 88"
 STRAIGHT TAP GREATER THAN 88" ["D3"]
 REQUIRES 2 PIECE DESIGN
 AND ENGINEERING REVIEW

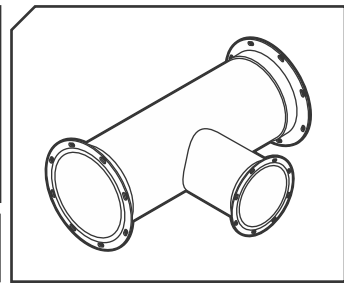
RING TYPES

- EZ** EZ CLAMPS (AVAILABLE 4" - 14")
- SC** STAINLESS CAST RINGS (AVAILABLE 4" - 14")
- BI** BLACK IRON ANGLE RINGS (AVAILABLE 4" - 100")
- SS** STAINLESS ANGLE RINGS (AVAILABLE 16" - 120")

| FITTING NUMBER | QTY | MAIN DUCT SPECIFICATIONS | | | | TAP SPECIFICATIONS | | | | |
|----------------|-----|--------------------------|--------------------|------------------|------------------|--------------------|-------------------------------|-------------------|------------------|------------------------|
| | | - D1 - DUCT DIA. | - L1 - DUCT LENGTH | - D1 - RING TYPE | - D2 - RING TYPE | - D3 - TAP DIA. | - L2 - LOCATE TAP FROM D1 END | - L3 - TAP LENGTH | - D3 - RING TYPE | - A1 - TAP ORIENTATION |
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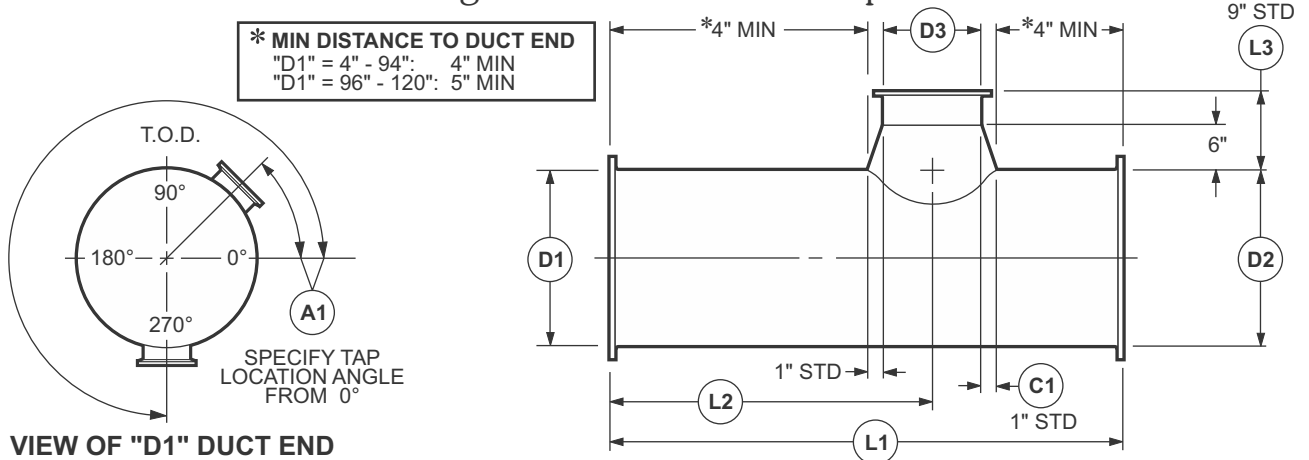
ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



COMPANY/ JOB REFERENCE

Straight Duct with Conical Tap



*** MIN DISTANCE TO DUCT END**
 "D1" = 4" - 94": 4" MIN
 "D1" = 96" - 120": 5" MIN

VIEW OF "D1" DUCT END

OPTIONS

- ▶ CUSTOM LENGTHS AVAILABLE
- ▶ RAW END AVAILABLE
- ▶ MULTIPLE AND OFFSET TAPS AVAILABLE (SEE MULTIPLE TAP ORDER SHT)
- ▶ DUCT GREATER THAN 84" DIAMETER REQUIRES FAB-TECH ENGINEERING REVIEW AND APPROVAL

STANDARD DUCT LENGTHS ("L1")

| JOINT SYSTEM | DIAMETER | "L1" (4') | "L1" (8') |
|-----------------------|--------------|--------------|--------------|
| EZ CLAMP / CAST RING | 4" & 6" | 47.25" | NA |
| | 8" TO 14" | 47.25" | 95.25" |
| BLACK IRON ANGLE RING | 4" & 6" | 47.25" | NA |
| | 8" TO 48" | 47.25" | 95.25" |
| STAINLESS ANGLE RING | 50" TO 94" | 46.75" | 94.75" |
| | 16" TO 48" | 47.25" | 95.25" |
| | 50" TO 100" | 46.75" | 94.75" |
| | 102" TO 120" | 48.25" | 96.25" |

OUR RECOMMENDATION IS TO ADD TAPS TO STANDARD 4' AND 8' STRAIGHT DUCT WHEN POSSIBLE - TAP DIMENSIONS SHOWN ARE MINS. LONGER THAN STANDARD LENGTHS AND/OR HIGHER SYSTEM PRESSURES MAY REQUIRE ADDITIONAL STIFFENERS PER SMACNA, CONTACT FAB-TECH FOR SPECIFIC GUIDELINES.

CONICAL TAP

"L1" MIN = "D3" + 10"
 "L1" MAX = 96-1/4"
 "D3" MAX = 86"
 CONICAL TAP GREATER THAN 86" ["D3"]
 REQUIRES 2 PIECE DESIGN
 AND ENGINEERING REVIEW

RING TYPES

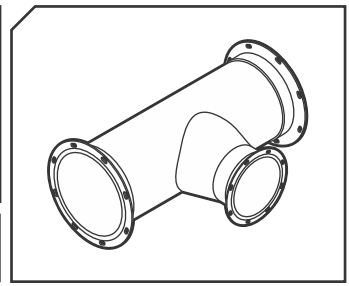
- EZ** EZ CLAMPS (AVAILABLE 4" - 14")
- SC** STAINLESS CAST RINGS (AVAILABLE 4" - 14")
- BI** BLACK IRON ANGLE RINGS (AVAILABLE 4" - 100")
- SS** STAINLESS ANGLE RINGS (AVAILABLE 16" - 120")

| FITTING NUMBER | QTY | MAIN DUCT SPECIFICATIONS | | | | TAP SPECIFICATIONS | | | | | | |
|----------------|-----|--------------------------|--------------------|------------------|------------------|--------------------|-------------------------------|-------------------|------------------|--------------------|------------------------|--|
| | | - D1 - DUCT DIA. | - L1 - DUCT LENGTH | - D1 - RING TYPE | - D2 - RING TYPE | - D3 - TAP DIA. | - L2 - LOCATE TAP FROM D1 END | - L3 - TAP LENGTH | - D3 - RING TYPE | - C1 - BOOT LENGTH | - A1 - TAP ORIENTATION | |
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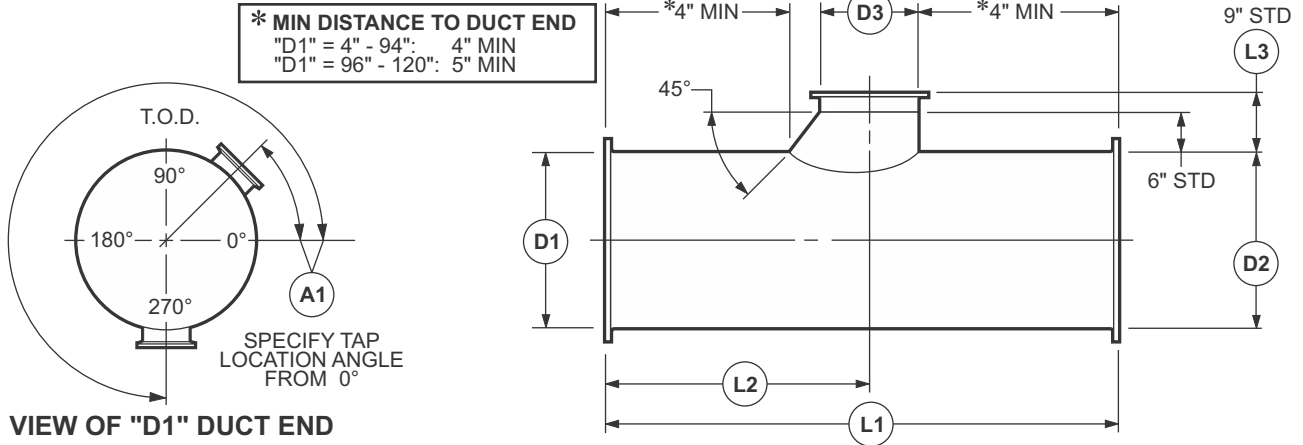
ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:

COMPANY/ JOB REFERENCE



Straight Duct with Shoe Tap



VIEW OF "D1" DUCT END

*** MIN DISTANCE TO DUCT END**
 "D1" = 4" - 94": 4" MIN
 "D1" = 96" - 120": 5" MIN

OUR RECOMMENDATION IS TO ADD TAPS TO STANDARD 4' AND 8' STRAIGHT DUCT WHEN POSSIBLE - TAP DIMENSIONS SHOWN ARE MINS. LONGER THAN STANDARD LENGTHS AND/OR HIGHER SYSTEM PRESSURES MAY REQUIRE ADDITIONAL STIFFENERS PER SMACNA, CONTACT FAB-TECH FOR SPECIFIC GUIDELINES.

OPTIONS

- ▶ CUSTOM LENGTHS AVAILABLE
- ▶ RAW END AVAILABLE
- ▶ MULTIPLE AND OFFSET TAPS AVAILABLE (SEE MULTIPLE TAP ORDER SHT)
- ▶ DUCT GREATER THAN 84" DIAMETER REQUIRES FAB-TECH ENGINEERING REVIEW AND APPROVAL

STANDARD DUCT LENGTHS ("L1")

| JOINT SYSTEM | DIAMETER | "L1" (4') | "L1" (8') |
|-----------------------|--------------|-----------|-----------|
| EZ CLAMP / CAST RING | 4" & 6" | 47.25" | NA |
| | 8" TO 14" | 47.25" | 95.25" |
| BLACK IRON ANGLE RING | 4" & 6" | 47.25" | NA |
| | 8" TO 48" | 47.25" | 95.25" |
| | 50" TO 94" | 46.75" | 94.75" |
| STAINLESS ANGLE RING | 16" TO 48" | 47.25" | 95.25" |
| | 50" TO 100" | 46.75" | 94.75" |
| | 102" TO 120" | 48.25" | 96.25" |

SHOE TAP
 "L1" MIN = "D3" + 6" (SHOE LENGTH) + 8"
 "L1" MAX = 96-1/4"
 "D3" MAX = 86"
 SHOE TAP GREATER THAN MAX "D3" REQUIRES 2 PIECE DESIGN AND ENGINEERING REVIEW

RING TYPES

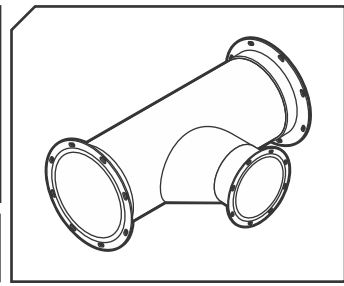
- EZ** EZ CLAMPS (AVAILABLE 4" - 14")
- SC** STAINLESS CAST RINGS (AVAILABLE 4" - 14")
- BI** BLACK IRON ANGLE RINGS (AVAILABLE 4" - 100")
- SS** STAINLESS ANGLE RINGS (AVAILABLE 16" - 120")

| FITTING NUMBER | QTY | MAIN DUCT SPECIFICATIONS | | | | TAP SPECIFICATIONS | | | | |
|----------------|-----|--------------------------|--------------------|------------------|------------------|--------------------|-------------------------------|-------------------|------------------|------------------------|
| | | - D1 - DUCT DIA. | - L1 - DUCT LENGTH | - D1 - RING TYPE | - D2 - RING TYPE | - D3 - TAP DIA. | - L2 - LOCATE TAP FROM D1 END | - L3 - TAP LENGTH | - D3 - RING TYPE | - A1 - TAP ORIENTATION |
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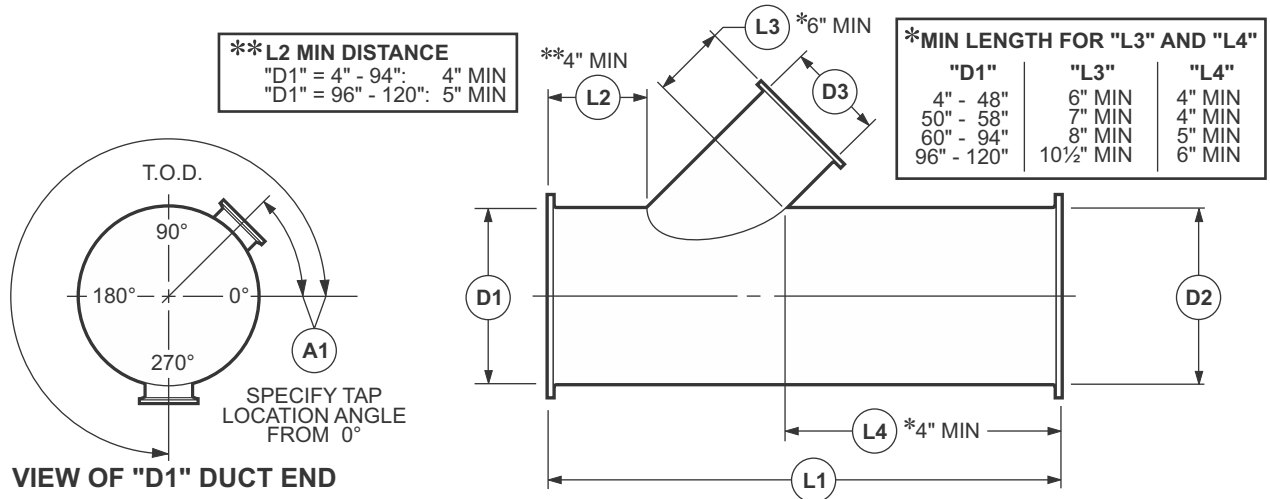
ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:

COMPANY/ JOB REFERENCE



Straight Duct with Lateral Tap



****L2 MIN DISTANCE**
 "D1" = 4" - 94": 4" MIN
 "D1" = 96" - 120": 5" MIN

| "D1" | "L3" | "L4" |
|------------|----------|--------|
| 4" - 48" | 6" MIN | 4" MIN |
| 50" - 58" | 7" MIN | 4" MIN |
| 60" - 94" | 8" MIN | 5" MIN |
| 96" - 120" | 10½" MIN | 6" MIN |

OPTIONS

- ▶ CUSTOM LENGTHS AVAILABLE
- ▶ RAW END AVAILABLE
- ▶ MULTIPLE AND OFFSET TAPS AVAILABLE (SEE MULTIPLE TAP ORDER SHT)
- ▶ DUCT GREATER THAN 84" DIAMETER REQUIRES FAB-TECH ENGINEERING REVIEW AND APPROVAL

OUR RECOMMENDATION IS TO ADD TAPS TO STANDARD 4' AND 8' STRAIGHT DUCT WHEN POSSIBLE - TAP DIMENSIONS SHOWN ARE MINS. LONGER THAN STANDARD LENGTHS AND/OR HIGHER SYSTEM PRESSURES MAY REQUIRE ADDITIONAL STIFFENERS PER SMACNA, CONTACT FAB-TECH FOR SPECIFIC GUIDELINES.

STANDARD DUCT LENGTHS ("L1")

| JOINT SYSTEM | DIAMETER | "L1" (4') | "L1" (8') |
|-----------------------|--------------|-----------|-----------|
| EZ CLAMP / CAST RING | 4" & 6" | 47.25" | NA |
| | 8" TO 14" | 47.25" | 95.25" |
| BLACK IRON ANGLE RING | 4" & 6" | 47.25" | NA |
| | 8" TO 48" | 47.25" | 95.25" |
| STAINLESS ANGLE RING | 50" TO 94" | 46.75" | 94.75" |
| | 16" TO 48" | 47.25" | 95.25" |
| | 50" TO 100" | 46.75" | 94.75" |
| | 102" TO 120" | 48.25" | 96.25" |

45° LATERAL TAP
 "L1" MIN = ("D3" X 1.414) + 4" + "L4"
 (SEE MIN LENGTH CHART ABOVE FOR "L4")
 "L1" MAX = 96-1/4"
 "D3" MAX = 60"
 LATERAL TAP GREATER THAN 60" ["D3"]
 REQUIRES 2 PIECE DESIGN
 AND ENGINEERING REVIEW

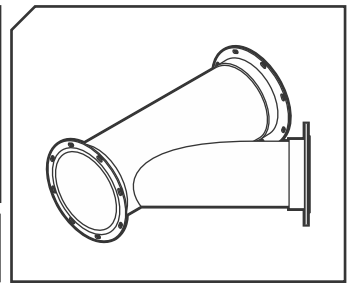
RING TYPES

| | |
|-----------|--|
| EZ | EZ CLAMPS (AVAILABLE 4" - 14") |
| SC | STAINLESS CAST RINGS (AVAILABLE 4" - 14") |
| BI | BLACK IRON ANGLE RINGS (AVAILABLE 4" - 100") |
| SS | STAINLESS ANGLE RINGS (AVAILABLE 16" - 120") |

| FITTING NUMBER | QTY | MAIN DUCT SPECIFICATIONS | | | | TAP SPECIFICATIONS | | | | |
|----------------|-----|--------------------------|--------------------|------------------|------------------|--------------------|-------------------------------|-------------------|------------------|------------------------|
| | | - D1 - DUCT DIA. | - L1 - DUCT LENGTH | - D1 - RING TYPE | - D2 - RING TYPE | - D3 - TAP DIA. | - L2 - LOCATE TAP FROM D1 END | - L3 - TAP LENGTH | - D3 - RING TYPE | - A1 - TAP ORIENTATION |
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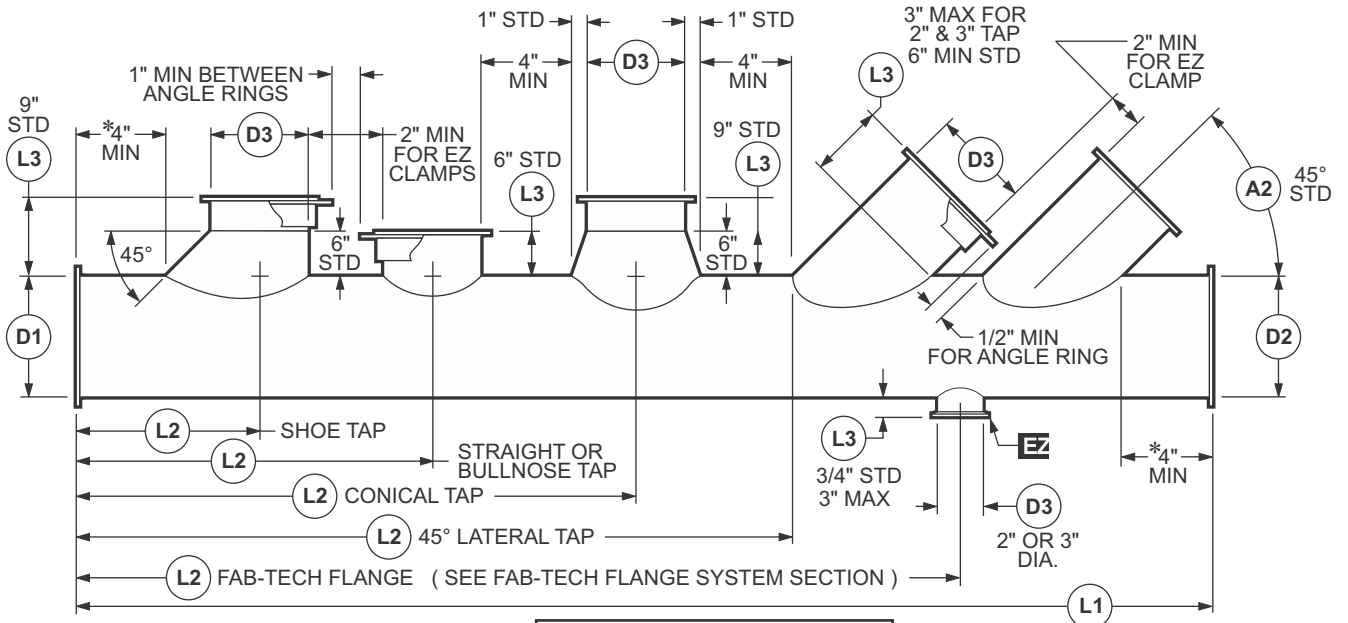
ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



COMPANY/ JOB REFERENCE

Straight Duct with Multiple Taps Spec Sheet



STANDARD DUCT LENGTHS ("L1")

| JOINT SYSTEM | DIAMETER | "L1" (4') | "L1" (8') |
|-----------------------|--------------|-----------|-----------|
| EZ CLAMP / CAST RING | 4" & 6" | 47.25" | NA |
| | 8" TO 14" | 47.25" | 95.25" |
| BLACK IRON ANGLE RING | 4" & 6" | 47.25" | NA |
| | 8" TO 48" | 47.25" | 95.25" |
| | 50" TO 94" | 46.75" | 94.75" |
| STAINLESS ANGLE RING | 16" TO 48" | 47.25" | 95.25" |
| | 50" TO 100" | 46.75" | 94.75" |
| | 102" TO 120" | 48.25" | 96.25" |

* MIN DISTANCE TO DUCT END

"D1" = 4" - 94": 4" MIN
 "D1" = 96" - 120": 5" MIN

OPTIONS

- ▶ CUSTOM LENGTHS AVAILABLE
- ▶ RAW END AVAILABLE
- ▶ DUCT GREATER THAN 84" DIAMETER REQUIRES FAB-TECH ENGINEERING REVIEW AND APPROVAL

- ALL FITTINGS INCLUDE ALL HARDWARE AND GASKETS TO INSTALL. -

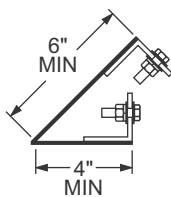
RING TYPES

- EZ** EZ CLAMPS (AVAILABLE 4" - 14")
- SC** STAINLESS CAST RINGS (AVAILABLE 4" - 14")
- BI** BLACK IRON ANGLE RINGS (AVAILABLE 4" - 100")
- SS** STAINLESS ANGLE RINGS (AVAILABLE 16" - 120")

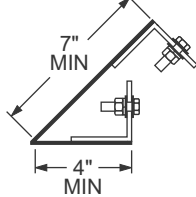
OUR RECOMMENDATION IS TO ADD TAPS TO STANDARD 4' AND 8' STRAIGHT DUCT WHEN POSSIBLE - TAP DIMENSIONS SHOWN ARE MINS. LONGER THAN STANDARD LENGTHS AND/OR HIGHER SYSTEM PRESSURES MAY REQUIRE ADDITIONAL STIFFENERS PER SMACNA, CONTACT FAB-TECH FOR SPECIFIC GUIDELINES.

*STANDARD MINIMUMS FOR 45° LATERAL AND 90° STRAIGHT TAPS:

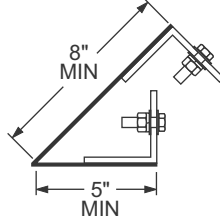
4"-48" DUCT
2" X 2" RINGS



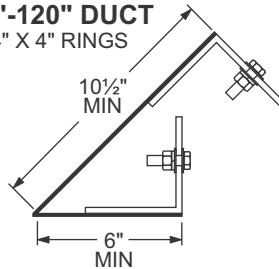
50"-58" DUCT
2-1/2" X 2-1/2" RINGS



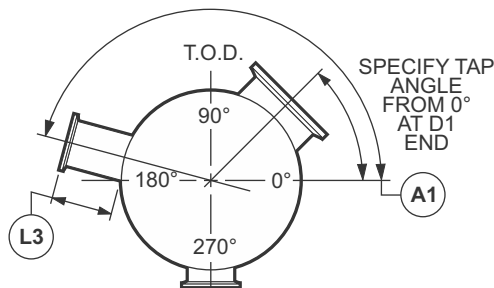
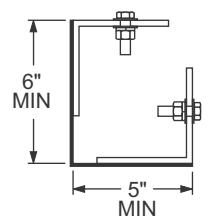
60"-94" DUCT
3" X 3" RINGS



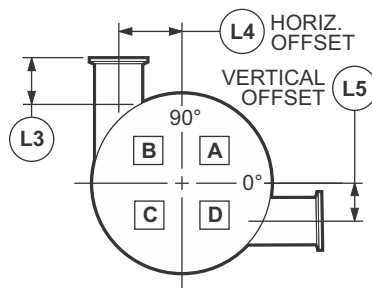
96"-120" DUCT
4" X 4" RINGS



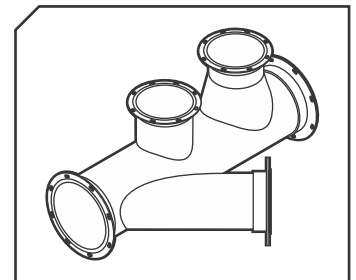
96"-120" DUCT
4" X 4" RINGS



"D1" TAP ANGLE VIEW

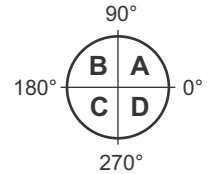
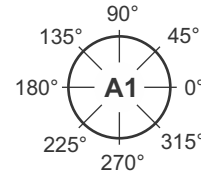


"D1" TAP OFFSET VIEW



Straight Duct with Multiple Taps

| MAIN DUCT SPECIFICATIONS | | | | | |
|--------------------------|-----|------------------|--------------------|------------------|------------------|
| FITTING NUMBER | QTY | - D1 - DUCT DIA. | - L1 - DUCT LENGTH | - D1 - RING TYPE | - D2 - RING TYPE |
| | | | | | |



ANGLE GUIDE **QUADRANT GUIDE**
GUIDE REFERENCES FROM "D1" DUCT END

ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

SEE PAGE 9 FOR MULTIPLE TAP GUIDELINES

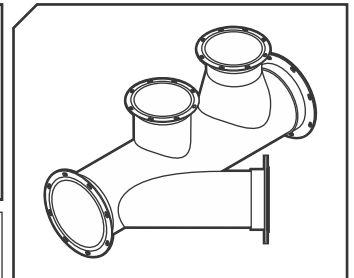
| TAP SPECIFICATIONS | | | | | | |
|--------------------|--|-----------------|-------------------|----------------------|-------------------------------|------------------|
| NO. | TYPE | - D3 - TAP DIA. | - L3 - TAP LENGTH | - D3 - TAP RING TYPE | - L2 - LOCATE TAP FROM D1 END | - A1 - TAP ANGLE |
| TAP #1 | <input type="radio"/> STRAIGHT <input type="radio"/> CONICAL <input type="radio"/> SHOE <input type="radio"/> LATERAL <input type="radio"/> PORT/DRAIN | | | | | |
| TAP #2 | <input type="radio"/> STRAIGHT <input type="radio"/> CONICAL <input type="radio"/> SHOE <input type="radio"/> LATERAL <input type="radio"/> PORT/DRAIN | | | | | |
| TAP #3 | <input type="radio"/> STRAIGHT <input type="radio"/> CONICAL <input type="radio"/> SHOE <input type="radio"/> LATERAL <input type="radio"/> PORT/DRAIN | | | | | |
| TAP #4 | <input type="radio"/> STRAIGHT <input type="radio"/> CONICAL <input type="radio"/> SHOE <input type="radio"/> LATERAL <input type="radio"/> PORT/DRAIN | | | | | |
| TAP #5 | <input type="radio"/> STRAIGHT <input type="radio"/> CONICAL <input type="radio"/> SHOE <input type="radio"/> LATERAL <input type="radio"/> PORT/DRAIN | | | | | |
| TAP #6 | <input type="radio"/> STRAIGHT <input type="radio"/> CONICAL <input type="radio"/> SHOE <input type="radio"/> LATERAL <input type="radio"/> PORT/DRAIN | | | | | |
| TAP #7 | <input type="radio"/> STRAIGHT <input type="radio"/> CONICAL <input type="radio"/> SHOE <input type="radio"/> LATERAL <input type="radio"/> PORT/DRAIN | | | | | |
| TAP #8 | <input type="radio"/> STRAIGHT <input type="radio"/> CONICAL <input type="radio"/> SHOE <input type="radio"/> LATERAL <input type="radio"/> PORT/DRAIN | | | | | |

CUSTOM LATERAL AND OFFSET TAP SPECIFICATIONS

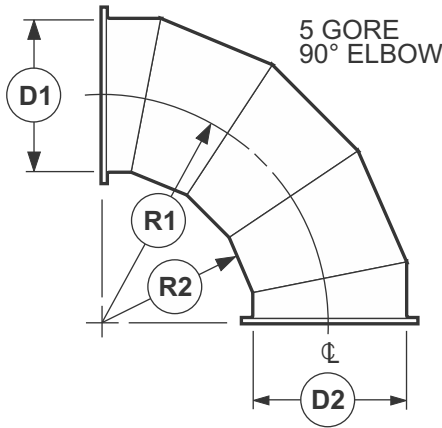
| CUSTOM | LOCATE OFFSET TAP | | |
|-------------------------------------|----------------------|-------------------------|---------------------|
| - A2 - LATERAL ANGLE OTHER THAN 45° | - L4 - HORIZ. OFFSET | TAP QUADRANT A,B,C OR D | - L5 - VERT. OFFSET |
| | | | |
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REMARKS:

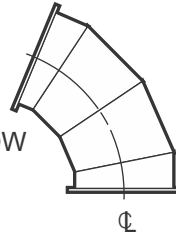
COMPANY/ JOB REFERENCE



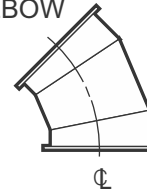
Gored Elbows



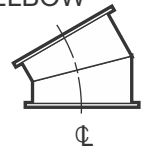
4 GORE
60° ELBOW



3 GORE
45° ELBOW



2 GORE
30° ELBOW



STANDARD RADIUS
AT THE DUCT CENTERLINE
"R1" = 1.5 x "D"
STANDARD THROAT RADIUS
"R2" = "D"

* SPECIFY EITHER CENTERLINE
RADIUS OR THROAT RADIUS,
BOTH NOT REQUIRED

LIMITATIONS

DUE TO MANUFACTURING LIMITATIONS, THE FOLLOWING ELBOWS ARE NOT AVAILABLE AS ONE PIECE FITTINGS:

- FULL RADIUS 90° ELBOW > 56" DIA.
- FULL RADIUS 60° ELBOW > 82" DIA.
- FULL RADIUS 45° ELBOW > 106" DIA.
- HALF RADIUS 90° ELBOW > 76" DIA.

LARGE ELBOWS ABOVE THESE LIMITS WILL BE MANUFACTURED AS SMALLER FITTINGS (AN 86" DIA. 90° ELBOW WILL BE SUPPLIED AS TWO 45° ELBOWS FOR EXAMPLE) OR AS A CLAM SHELL DESIGNED FITTING AS TWO OR MORE PIECES. THIS APPLIES TO ALL LARGE FITTINGS AS WELL AS ELBOWS.

ALSO DUE TO MANUFACTURING LIMITATIONS, MANY OF THE SMALLER 1/2 RADIUS ELBOWS WILL REQUIRE CAST RINGS OR FLAT RINGS.

RING TYPES

- EZ** EZ CLAMPS
(AVAILABLE 4" - 14")
- SC** STAINLESS CAST RINGS
(AVAILABLE 4" - 14")
- BI** BLACK IRON ANGLE RINGS
(AVAILABLE 4" - 100")
- SS** STAINLESS ANGLE RINGS
(AVAILABLE 16" - 120")

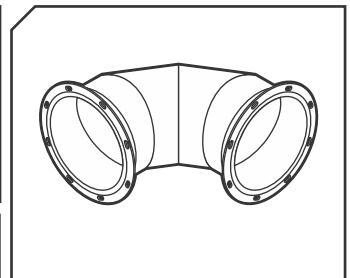
OPTIONS

- ▶ STANDARD GORES AND RADII ARE SHOWN, CUSTOM NUMBER OF GORES AND CUSTOM RADII ARE AVAILABLE
- ▶ DUCT GREATER THAN 84" DIA REQUIRES FAB-TECH ENGINEERING REVIEW AND APPROVAL

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | ELBOW ANGLE | *- R1 - CENTER RADIUS IN INCHES | *- R2 - THROAT RADIUS IN INCHES | - D1 - RING TYPE | - D2 - RING TYPE | REMARKS |
|----------------|-----|------------------|-------------|---------------------------------|---------------------------------|------------------|------------------|---------|
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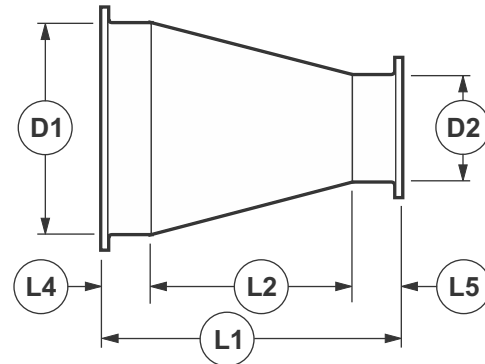
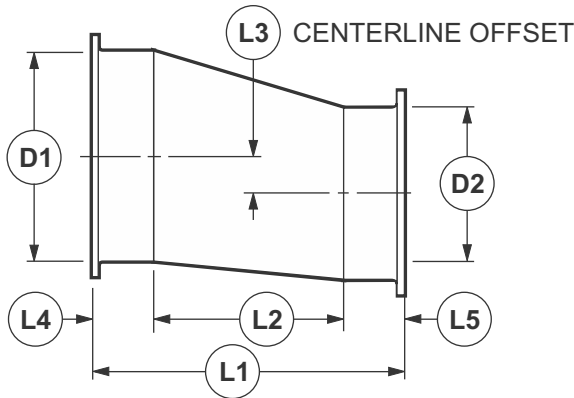
ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



**COMPANY/
JOB REFERENCE**

Reducers



OPTIONS

► CUSTOM LENGTHS AVAILABLE

Formula to calculate the minimum* length for reducers:
 (* Minimum length calculated to maintain minimal angular change, shorter taper lengths available.)

$$"L1" = "L2" + "L4" + "L5"$$

Use the charts below to determine the minimum length of "L2", "L4" and "L5":

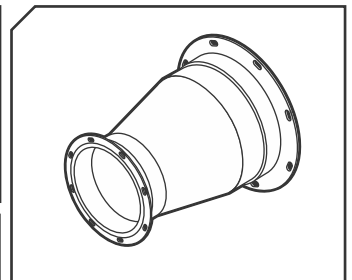
| RING TYPES | |
|------------|--|
| EZ | EZ CLAMPS (AVAILABLE 4" - 14") |
| SC | STAINLESS CAST RINGS (AVAILABLE 4" - 14") |
| BI | BLACK IRON ANGLE RINGS (AVAILABLE 4" - 100") |
| SS | STAINLESS ANGLE RINGS (AVAILABLE 16" - 120") |

| ECCENTRIC | | CONCENTRIC | | MIN "L4" / "L5" | |
|---------------------|----------------|---------------------|----------------|-----------------|----------------|
| AMOUNT OF REDUCTION | MINIMUM LENGTH | AMOUNT OF REDUCTION | MINIMUM LENGTH | DUCT DIAMETER | MINIMUM LENGTH |
| "D1" minus "D2" | "L2" | "D1" minus "D2" | "L2" | "D1" or "D2" | "L4" or "L5" |
| 6" AND LESS | 12" | 9" AND LESS | 12" | 4" TO 58" | 3" |
| 7" TO 9" | 18" | 10" TO 14" | 18" | 60" TO 94" | 4" |
| 10" TO 13" | 24" | 15" TO 19" | 24" | 96" TO 120" | 5" |
| 14" TO 17" | 30" | 20" TO 24" | 30" | | |

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | - D2 - DUCT DIA. | - L1 - DUCT LENGTH | - L2 - TAPER LENGTH | - L3 - CENTER OFFSET | - D1 - RING TYPE | - D2 - RING TYPE | REMARKS |
|----------------|-----|------------------|------------------|--------------------|---------------------|----------------------|------------------|------------------|---------|
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ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

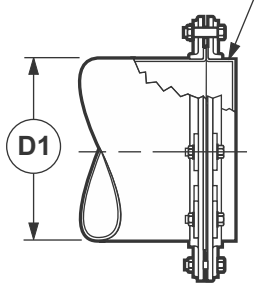
REMARKS:



COMPANY/ JOB REFERENCE

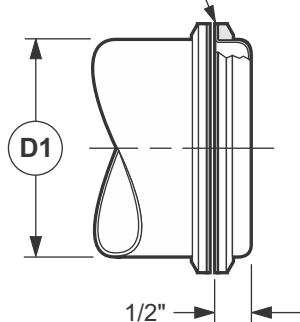
End Cap

END CAP - HAT STYLE
(SEE OPTIONS)



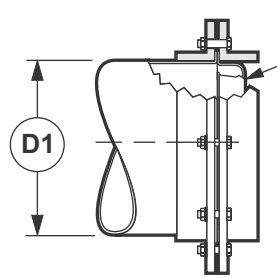
4" - 14"
CAST RING
CONFIGURATION

END CAP - HAT STYLE
(SEE OPTIONS)



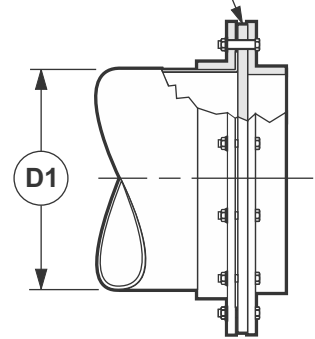
4" - 14"
PSP-EZ™
CONFIGURATION

END CAP - HAT STYLE
SAME AS FOR EZ CONFIG
(SEE OPTIONS)



4" - 14"
BLACK IRON
ANGLE RING
CONFIGURATION

END CAP - FLAT PLATE
(SEE OPTIONS)



16" - 120"
ANGLE RING
CONFIGURATION
WITH ADDED
SUPPORT
ANGLE RING

OPTIONS

- ▶ CLEAR POLYCARBONATE VIEWPORT ENDCAPS AVAILABLE UP TO 12" DIA.
LARGER SIZES AVAILABLE WITH FAB-TECH ENGINEERING REVIEW AND APPROVAL

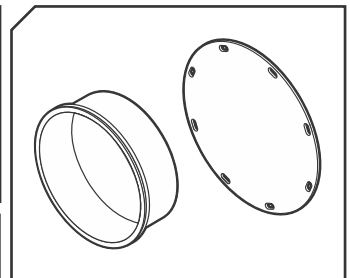
| | | |
|-------------------|--|---|
| RING TYPES | SC STAINLESS CAST RINGS (AVAILABLE 4" - 14") | BI BLACK IRON ANGLE RINGS (AVAILABLE 4" - 100") |
| | EZ EZ CLAMPS (AVAILABLE 4" - 14") | SS STAINLESS ANGLE RINGS (AVAILABLE 16" - 120") |

TRANSVERSE
STIFFENERS
REQUIRED FOR
END CAPS OVER
36" DIA.

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | - D1 - RING TYPE | CAP MAT'L UP TO 12" DIA | REMARKS |
|----------------|-----|------------------|------------------|---|---------|
| | | | | <input type="radio"/> STEEL <input type="radio"/> POLY | |
| | | | | <input type="radio"/> STEEL <input type="radio"/> POLY | |
| | | | | <input type="radio"/> STEEL <input type="radio"/> POLY | |
| | | | | <input type="radio"/> STEEL <input type="radio"/> POLY | |
| | | | | <input type="radio"/> STEEL <input type="radio"/> POLY | |
| | | | | <input type="radio"/> STEEL <input type="radio"/> POLY | |
| | | | | <input type="radio"/> STEEL <input type="radio"/> POLY | |

ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



**COMPANY/
JOB REFERENCE**



ROUND DUCT ORDER SHEET

Custom Fitting

| FITTING NUMBER | QTY | REMARKS |
|----------------|-----|---------|
| | | |

OPTIONS

- ▶ DUCT GREATER THAN 84" DIAMETER REQUIRES FAB-TECH ENGINEERING REVIEW AND APPROVAL

ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:

RING TYPES

- EZ** EZ CLAMPS
(AVAILABLE 4" - 14")
- SC** STAINLESS CAST RINGS
(AVAILABLE 4" - 14")
- BI** BLACK IRON ANGLE RINGS
(AVAILABLE 4" - 100")
- SS** STAINLESS ANGLE RINGS
(AVAILABLE 16" - 120")

**COMPANY/
JOB REFERENCE**

Damper Actuator Worksheet

ACTUATOR TYPE:

DAMPER SIZE: _____

- Pneumatic Available Air Pressure _____
- Electric Voltage _____

- Spring Return Fail Open
- Fail Closed

- Double Acting

- Limit Switch 1 Switch
- 2 Switch

- Feedback Potentiometer
- Positioner _____
- Position Indicator
- Manual Override Gearbox
- Solenoid Valves

**RECOMMENDED MINIMUM
OPEN/CLOSE TORQUE**
(inch pounds)

ISOLATION DAMPER

| SIZE | TORQUE |
|-----------------|--------|
| Ø4" - Ø14" | 250 |
| Ø16" - Ø48" | 1000 |
| Ø50" AND LARGER | 1600 |

RECTANGULAR DAMPER

| | |
|---------------------------|------|
| LONGEST SIDE UP TO 48" | 1000 |
|---------------------------|------|

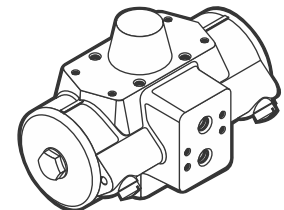
CUSTOMER SELECTED:

Preferred Actuator - Make and Model Number: _____

Accessory Part Number: _____

REMARKS:

COMPANY/
JOB REFERENCE



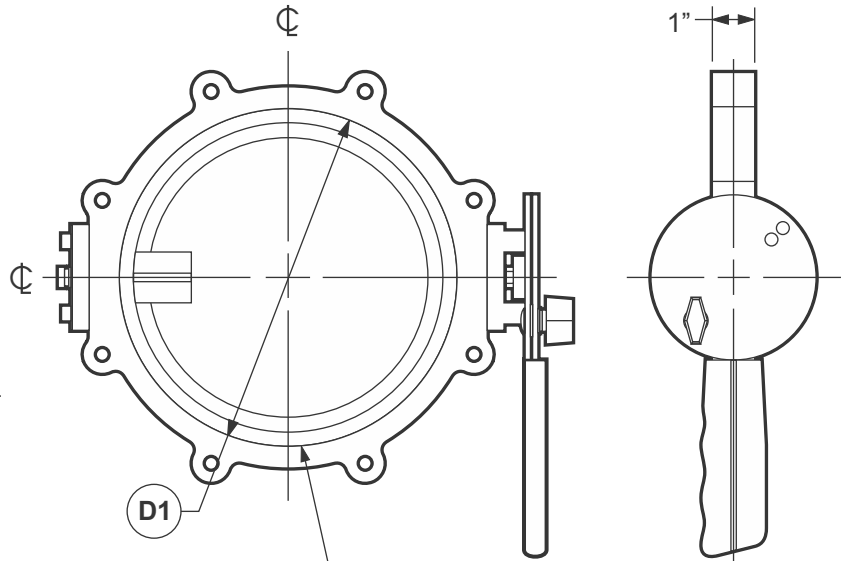
4"-12" Wafer Isolation Damper

SPECIFICATIONS

- ▶ SOLID ALUMINUM BODY, 1" WIDTH
- ▶ COATED 10GA STAINLESS STEEL BLADE WITH FULLY WELDED DRIVE AXLE
- ▶ TEFLON[®] BLADE 4" DIA. ONLY
- ▶ DUAL SHAFT, 1/2" DIAMETER STAINLESS STEEL AXLES
- ▶ ALL COMPONENTS IN CONTACT WITH THE AIRSTREAM COATED WITH PERMASHIELD FLUOROPOLYMER BARRIER COATING
- ▶ NYLON BEARINGS
- ▶ MANUAL LOCKING HANDLE, ALL STAINLESS STEEL CONSTRUCTION WITH LOCKOUT CAPABILITY IN 12° INTERVALS
- ▶ EXTRUDED FLUROELASTOMER EDGE SEAL
- ▶ LIQUID TIGHT AXLE SEALS
- ▶ MOLDED 25% GLASS FILLED PTFE BLADE HOLDERS

NOTE:

SEE ANGLE RING MECHANICAL SPECIFICATION CHART FOR BOLT CIRCLE DIAMETER, BOLT HOLE SIZE AND NO. OF BOLT HOLES



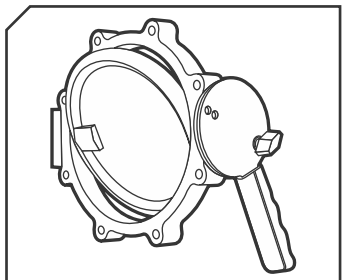
OPEN/CLOSE TORQUE: 250 in-lb
(RECOMMENDED MINIMUM)

EXTRUDED FLUROELASTOMER ISOLATION BLADE SEAL

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | REMARKS |
|----------------|-----|------------------|---------|
| | | | |
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ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.


REMARKS:

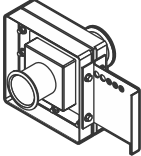


COMPANY/
JOB REFERENCE

2" & 3" EZ Damper & EZ Blastgate

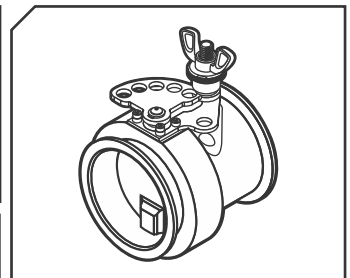
Refer to the catalog for specific details and dimensions.

| FITTING TYPE | FITTING NUMBER | PART NUMBER | QTY | DESCRIPTION |
|--|----------------|--------------|-----|----------------------------|
|  DAMPER | | PZD02 | | 2" DIA ISOLATION EZ-DAMPER |
| | | PZD03 | | 3" DIA ISOLATION EZ-DAMPER |
| | | | | |

| | | | | |
|---|--|---------------|--|--------------------------------|
|  BLASTGATE | | PZB02 | | 2" DIA HORIZONTAL EZ-BLASTGATE |
| | | PZB03 | | 3" DIA HORIZONTAL EZ-BLASTGATE |
| | | PZB02V | | 2" DIA VERTICAL EZ-BLASTGATE |
| | | PZB03V | | 3" DIA VERTICAL EZ-BLASTGATE |

ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



| | |
|-----------------------------------|--|
| COMPANY/ JOB REFERENCE | |
|-----------------------------------|--|

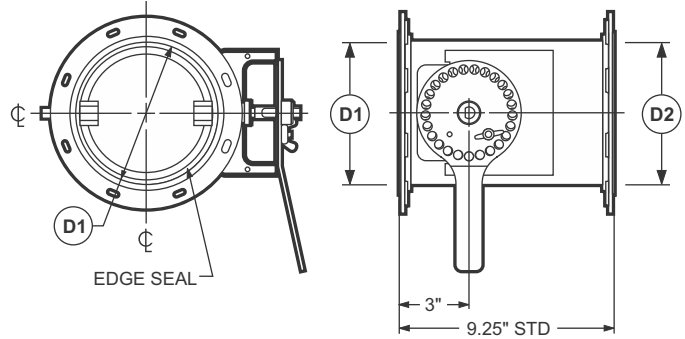
4"-14" Industrial Damper - Isolation & Balancing

SPECIFICATIONS

- ▶ FLOATING CAST RINGS - STAINLESS STEEL 4"-14" DIA.
- ▶ MANUAL ACTUATION
- ▶ 1/2" STAINLESS STEEL AXLES
- ▶ LIQUID TIGHT AXLE SEALS
- ▶ 20GA STAINLESS STEEL ROLLED FLANGED FUSION WELDED BODY
- ▶ LOCKOUT FEATURE - 1/2° INTERVALS
- 4" DIA.**
- ▶ VIRGIN TEFLON BLADE (BALANCING)
- ▶ FLUOROELASTOMER EDGE SEAL (ISOLATION)
- 6"-14" DIA.**
- ▶ 10GA STAINLESS STEEL BLADE
- ▶ MOLDED 25% GLASS FILLED PTFE BLADE3 HOLDERS

OPTIONS

- ▶ CUSTOM EXTENDED LENGTHS
- ▶ CUSTOM HOLE PATTERN
- ▶ ELECTRIC / PNEUMATIC ACTUATOR
- ▶ FLOATING RINGS - BLACK IRON ANGLE 4"-14" DIA.
- ▶ PSP-EZ™ JOINING SYSTEM 4"-14" DIA



OPEN/CLOSE TORQUE: 250 in-lb
(RECOMMENDED MINIMUM)

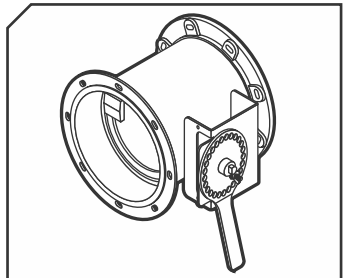
RING TYPES

- EZ** EZ CLAMPS
(AVAILABLE 4" - 14")
- SC** STAINLESS CAST RINGS
(AVAILABLE 4" - 14")
- BI** BLACK IRON ANGLE RINGS
(AVAILABLE 4" - 14")

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | - D1 - RING TYPE | - D2 - RING TYPE | DAMPER STYLE | REMARKS |
|----------------|-----|------------------|------------------|------------------|--|---------|
| | | | | | <input type="checkbox"/> ISOLATION <input type="checkbox"/> BALANCE | |
| | | | | | <input type="checkbox"/> ISOLATION <input type="checkbox"/> BALANCE | |
| | | | | | <input type="checkbox"/> ISOLATION <input type="checkbox"/> BALANCE | |
| | | | | | <input type="checkbox"/> ISOLATION <input type="checkbox"/> BALANCE | |
| | | | | | <input type="checkbox"/> ISOLATION <input type="checkbox"/> BALANCE | |
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| | | | | | <input type="checkbox"/> ISOLATION <input type="checkbox"/> BALANCE | |

ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



COMPANY/ JOB REFERENCE

4"-14" Industrial Short Damper - Isolation & Balancing

SPECIFICATIONS

- ▶ FLOATING CAST RINGS - STAINLESS STEEL 4"-14" DIA.
- ▶ MANUAL ACTUATION
- ▶ 1/2" STAINLESS STEEL AXLES
- ▶ LIQUID TIGHT AXLE SEALS
- ▶ 20GA STAINLESS STEEL ROLLED FLANGED FUSION WELDED BODY
- ▶ LOCKOUT FEATURE - 1/2° INTERVALS
- ▶ L1 MIN LENGTHS:
 - 4-1/2" MIN for D1 & D2 as SS cast rings
 - 7" MIN for D1 & D2 as Van Stone rings
 - 4-1/2" MIN for D1 as Van Stone & D2 as EZ Flange
 - 4" MIN for D1 & D2 as EZ Flanges

4" DIA.

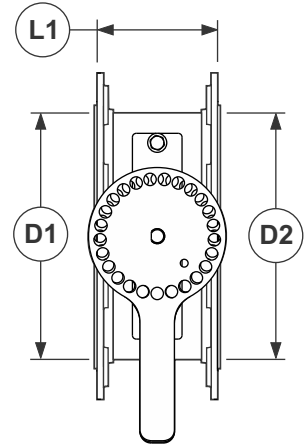
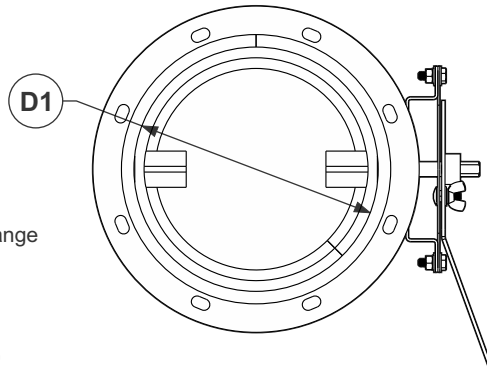
- ▶ VIRGIN TEFLON BLADE (BALANCING)
- ▶ FLUOROELASTOMER EDGE SEAL (ISOLATION)

6"-14" DIA.

- ▶ 10GA STAINLESS STEEL BLADE
- ▶ MOLDED 25% GLASS FILLED PTFE BLADE3 HOLDERS

OPTIONS

- ▶ CUSTOM EXTENDED LENGTHS
- ▶ CUSTOM HOLE PATTERN
- ▶ FLOATING RINGS - BLACK IRON ANGLE 4"-14" DIA.
- ▶ PSP-EZ™ JOINING SYSTEM 4"-14" DIA



OPEN/CLOSE TORQUE: 250 in-lb
(RECOMMENDED MINIMUM)

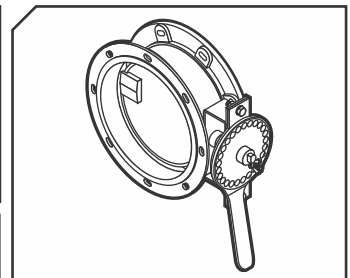
RING TYPES

- EZ** EZ CLAMPS
(AVAILABLE 4" - 14")
- SC** STAINLESS CAST RINGS
(AVAILABLE 4" - 14")
- BI** BLACK IRON ANGLE RINGS
(AVAILABLE 4" - 14")

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | - D1 - RING TYPE | - D2 - RING TYPE | - L1 - DAMPER LENGTH | DAMPER STYLE | REMARKS |
|----------------|-----|------------------|------------------|------------------|----------------------|--|---------|
| | | | | | | <input type="checkbox"/> ISOLATION <input type="checkbox"/> BALANCE | |
| | | | | | | <input type="checkbox"/> ISOLATION <input type="checkbox"/> BALANCE | |
| | | | | | | <input type="checkbox"/> ISOLATION <input type="checkbox"/> BALANCE | |
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ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



COMPANY/ JOB REFERENCE

6"-14" AMCA Industrial Isolation Damper



Fab-Tech, Inc. certifies that the Industrial Single Blade Isolation Damper shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program.

The AMCA Certified Ratings Seal applies to Air Leakage ratings and Air Performance ratings.

The AMCA Certified Ratings Seal applies to Air Leakage ratings and Air Performance ratings.

- Test method per AMCA Standard 500-89
Data based on a seating torque of: 764 in-lbf/ft² for 6" damper, 234 in-lbf/ft² for 14" damper
- Air leakage is based on operation between 50°F & 104°F (10°C to 40°C) and data corrected to represent standard air density 0.075 lbs/ft³.

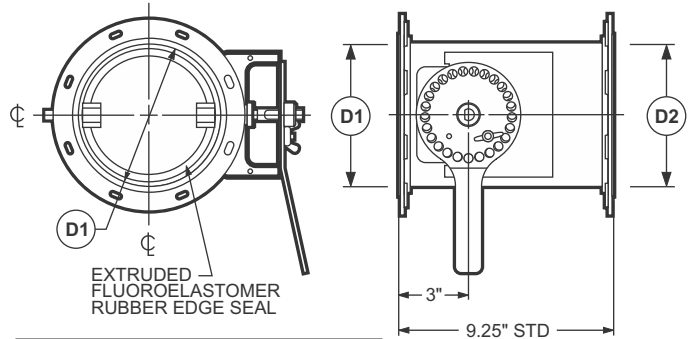
| Damper Dia. | Pressure | AMCA Leakage Class |
|-------------|----------------|--------------------|
| 6" - 14" | 1" WG | 1A |
| | 4", 8", 12" WG | 1 |

Tested Leakage Rates Available, Contact Fab-Tech Inc.

| Pressure Class | Leakage Classification L/s/m ² (ft ³ /min/ft ²) | | | |
|----------------|---|---------------------------|-----------------|------------------|
| | Required Range | Extended Range (Optional) | | |
| | 0.25 kPa (1" wg) | 1.0 kPa (4" wg) | 2.0 kPa (8" wg) | 3.0 kPa (12" wg) |
| 1A | 15.2 (3)* | N/A | N/A | N/A |
| 1 | 20.3 (4) | 40.6 (8) | 55.9 (11) | 71.1 (14) |
| 2 | 50.8 (10) | 102 (20) | 142 (28) | 178 (35) |
| 3 | 203 (40) | 406 (80) | 569 (112) | 711 (140) |

*Units for maximum ratings in () are CFM Sq. Ft.

- Damper Leakage Test based on ANSI/AMCA Standard 500-D-07, Ref. Fig 5.6
- Pressure Drop Test based on AMCA Standard 500-D-98, Ref. Fig 5.3



OPEN/CLOSE TORQUE: 250 in-lb (RECOMMENDED MINIMUM)

| | |
|---|--|
| SC STAINLESS CAST RINGS (AVAILABLE 6" - 14") | EZ EZ CLAMPS (AVAILABLE 6" - 14") |
| BI BLACK IRON ANGLE RINGS (AVAILABLE 6" - 14") | |

SPECIFICATIONS

- ▶ FLOATING CAST RINGS - STAINLESS STEEL 6"-14" DIA.
- ▶ FLOATING RINGS - BLACK IRON 4"-14" DIA.
- ▶ PSP-EZ™ JOINING SYSTEM 4"-14" DIA
- ▶ MANUAL ACTUATION
- ▶ FLUOROELASTOMER EDGE SEAL 6"-14"
- ▶ MOLDED 25% GLASS FILLED PTFE BLADE HOLDERS
- ▶ LIQUID TIGHT AXLE SEALS
- ▶ LOCKOUT FEATURE - 1/2" INTERVALS
- ▶ 1/2"Ø STAINLESS STEEL AXLES

OPTIONS

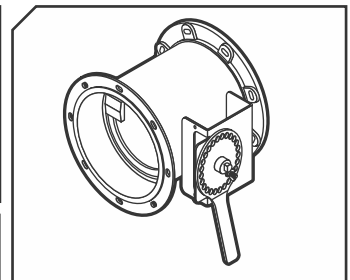
- ▶ CUSTOM LENGTH
- ▶ CUSTOM HOLE PATTERN
- ▶ ELECTRIC / PNEUMATIC ACTUATORS

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | - D1 - RING TYPE | - D2 - RING TYPE | REMARKS |
|----------------|-----|------------------|------------------|------------------|---------|
| | | | | | AMCA |
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ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:

COMPANY/ JOB REFERENCE



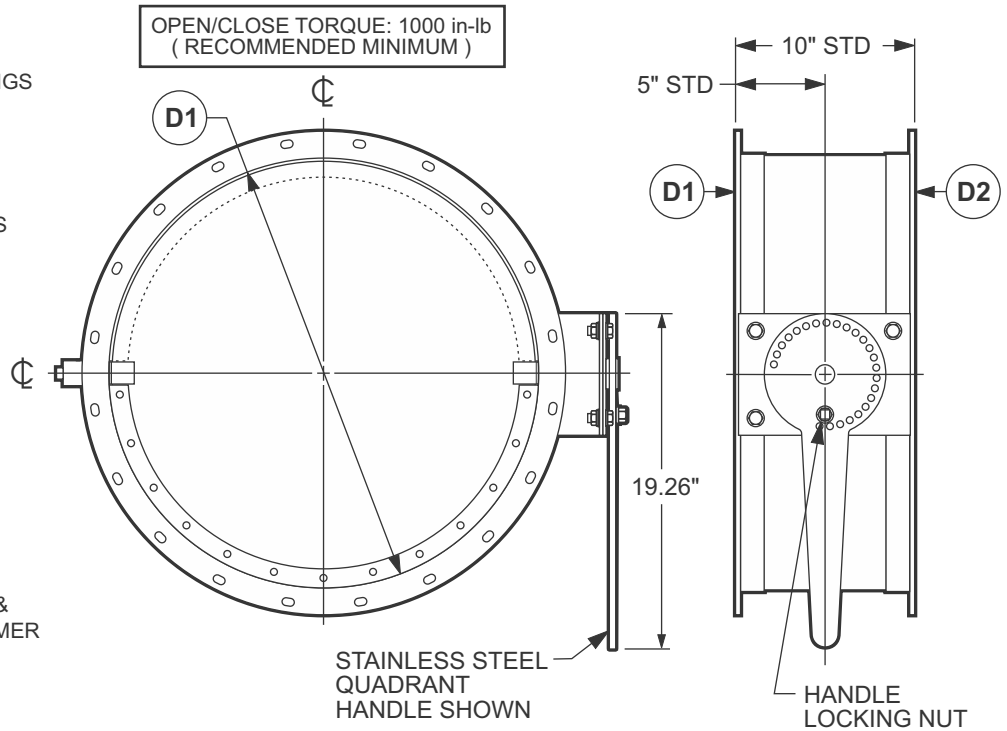
16"-34" Heavy Duty Industrial Damper

SPECIFICATIONS

- ▶ WELDED STAINLESS STEEL RINGS
- ▶ MOUNTING HOLES STRADDLE VERTICAL CENTERLINE
- ▶ LIQUID TIGHT SHAFT SEALS, THERMOPLASTIC SLEEVE BEARINGS
- ▶ 1.38"Ø STAINLESS STEEL AXLES
- ▶ .25" STAINLESS STEEL BLADES
- ▶ STAINLESS STEEL QUADRANT PLATE
- ▶ 10GA STAINLESS STEEL BODY
- ▶ MULTI-POSITION HANDLE, 1/2" LOCKOUT FEATURE
- ▶ WELDED BLADE STOPS WITH VITON SEAL

OPTIONS

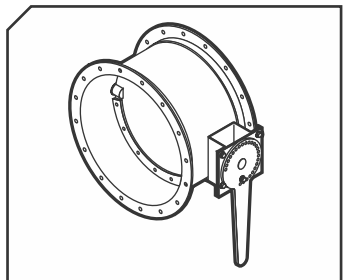
- ▶ PNEUMATIC ACTUATOR
- ▶ ELECTRIC ACTUATOR
- ▶ MANUAL GEAR DRIVE
- ▶ CUSTOM HOLE PATTERN
- ▶ BLANK MOUNTING KIT (PLATE & SHAFT ADAPTER) FOR CUSTOMER SUPPLIED ACTUATOR



| FITTING NUMBER | QTY | - D1 - DUCT DIA. | INDICATE CUSTOM RING IF REQUIRED D1 OR D2 | REMARKS |
|----------------|-----|------------------|---|---------|
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ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



COMPANY/ JOB REFERENCE

16"-34" AMCA Heavy Duty Industrial Damper



Fab-Tech, Inc. certifies that the Industrial Single Blade Isolation Damper shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program.

The AMCA Certified Ratings Seal applies to Air Leakage ratings and Air Performance ratings.

The AMCA Certified Ratings Seal applies to Air Leakage ratings and Air Performance ratings.

- Test method per AMCA Standard 500-89
Data based on a seating torque of: 125 in-lbf/ft² for 16" damper, 86 in-lbf/ft² for 48" damper
- Air leakage is based on operation between 50°F & 104°F (10°C to 40°C) and data corrected to represent standard air density 0.075 lbs/ft³.

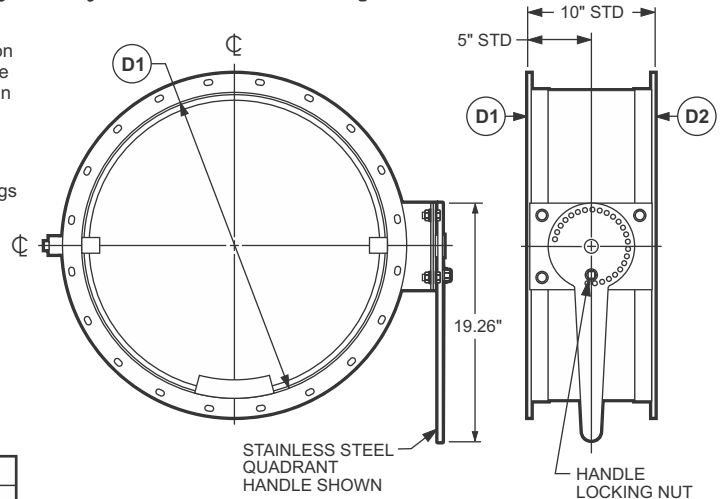
| Damper Dia. | Pressure | AMCA Leakage Class |
|-------------|----------------|--------------------|
| 16" - 34" | 1" WG | 1A |
| | 4", 8", 12" WG | 1 |

Tested Leakage Rates Available, Contact Fab-Tech Inc.

| Pressure Class | Leakage Classification L/s/m ² (ft ³ /min/ft ²) | | | |
|----------------|---|---------------------------|-----------------|------------------|
| | Required Range | Extended Range (Optional) | | |
| | 0.25 kPa (1" wg) | 1.0 kPa (4" wg) | 2.0 kPa (8" wg) | 3.0 kPa (12" wg) |
| 1A | 15.2 (3)* | N/A | N/A | N/A |
| 1 | 20.3 (4) | 40.6 (8) | 55.9 (11) | 71.1 (14) |
| 2 | 50.8 (10) | 102 (20) | 142 (28) | 178 (35) |
| 3 | 203 (40) | 406 (80) | 569 (112) | 711 (140) |

*Units for maximum ratings in () are CFM Sq. Ft.

- Damper Leakage Test based on ANSI/AMCA Standard 500-D-07, Ref. Fig 5.6
- Pressure Drop Test based on AMCA Standard 500-D-98, Ref. Fig 5.3



SPECIFICATIONS

- ▶ WELDED STAINLESS STEEL RINGS
- ▶ MOUNTING HOLES STRADDLE VERTICAL CENTERLINE
- ▶ LIQUID TIGHT SHAFT SEALS, THERMOPLASTIC SLEEVE BEARINGS
- ▶ 1.38"Ø STAINLESS STEEL AXLES
- ▶ .25" STAINLESS STEEL BLADES
- ▶ STAINLESS STEEL QUADRANT PLATE
- ▶ 10GA STAINLESS STEEL BODY
- ▶ MULTI-POSITION HANDLE, 1/2" LOCKOUT FEATURE
- ▶ WELDED BLADE STOPS WITH VITON SEAL

OPEN/CLOSE TORQUE:
1000 in-lb
(RECOMMENDED MINIMUM)

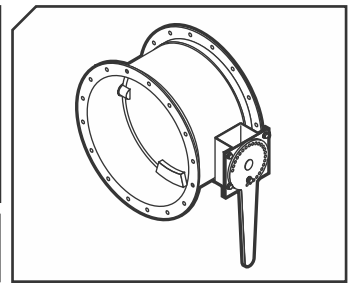
OPTIONS

- ▶ PNEUMATIC ACTUATOR
- ▶ ELECTRIC ACTUATOR
- ▶ MANUAL GEAR DRIVE
- ▶ CUSTOM HOLE PATTERN
- ▶ BLANK MOUNTING KIT (PLATE & SHAFT ADAPTER) FOR CUSTOMER SUPPLIED ACTUATOR

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | INDICATE CUSTOM RING IF REQUIRED D1 OR D2 | REMARKS |
|----------------|-----|------------------|---|---------|
| | | | | AMCA |
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ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



COMPANY/ JOB REFERENCE

16"-48" High Value Heavy Duty Industrial Damper (HVD)

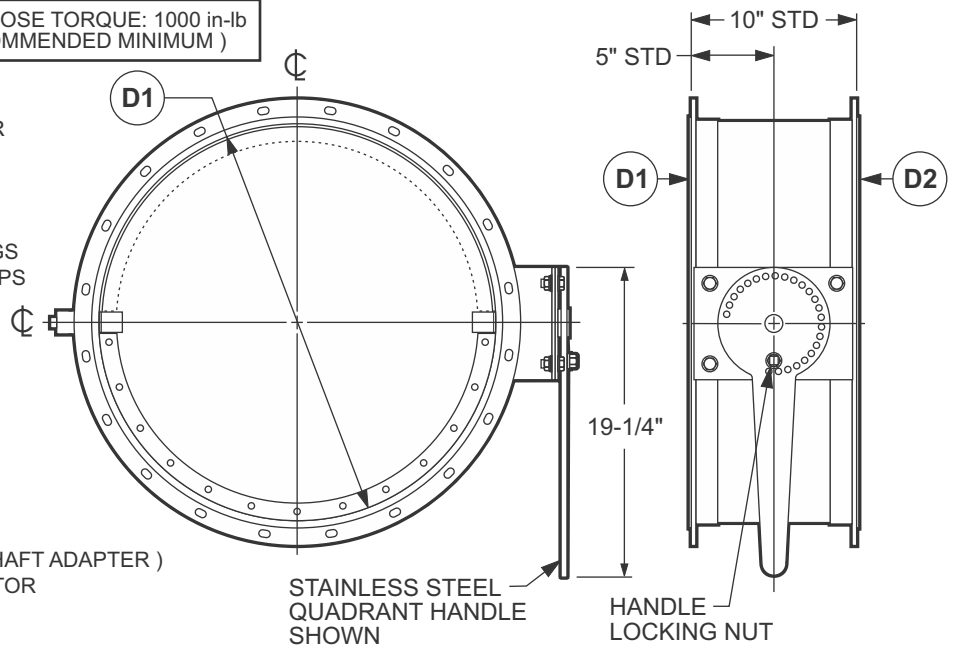
OPEN/CLOSE TORQUE: 1000 in-lb
(RECOMMENDED MINIMUM)

SPECIFICATIONS

- ▶ FULLY COATED BLACK IRON RINGS
- ▶ LOOSE RINGS 16" TO 30" DIAMETER
- ▶ STITCH WELDED RINGS 32" TO 48" DIAMETER, MOUNTING HOLES STRADDLE VERTICAL CENTERLINE
- ▶ LIQUID TIGHT SHAFT SEALS - THERMOPLASTIC SLEEVE BEARINGS
- ▶ KEYED FULLY WELDED BLADE STOPS
- ▶ 1.38"Ø STAINLESS STEEL AXLES
- ▶ .25" STAINLESS STEEL BLADES
- ▶ MULTI-POSITION HANDLE, 1/2" LOCKOUT FEATURE
- ▶ BLADE OPENS CCW

OPTIONS

- ▶ PNEUMATIC ACTUATOR
- ▶ ELECTRIC ACTUATOR
- ▶ CUSTOM HOLE PATTERN
- ▶ BLANK MOUNTING KIT (PLATE & SHAFT ADAPTER) FOR CUSTOMER SUPPLIED ACTUATOR
- ▶ MANUAL GEAR DRIVE ACTUATOR
- ▶ VITON BLADE SEAL
- ▶ STAINLESS STEEL RING

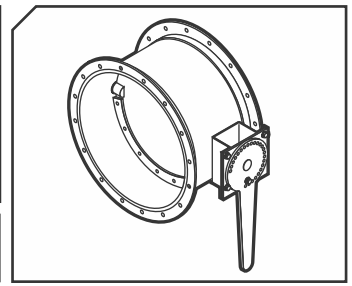


*SHOWN WITH MANUAL HANDLE ACTUATOR OPTION

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | - D1 - RING TYPE BI / SS | - D2 - RING TYPE BI / SS | INDICATE CUSTOM RING IF REQUIRED D1 OR D2 | REMARKS |
|----------------|-----|------------------|--------------------------|--------------------------|---|---------|
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ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



COMPANY/ JOB REFERENCE

36"-48" Heavy Duty Industrial Damper

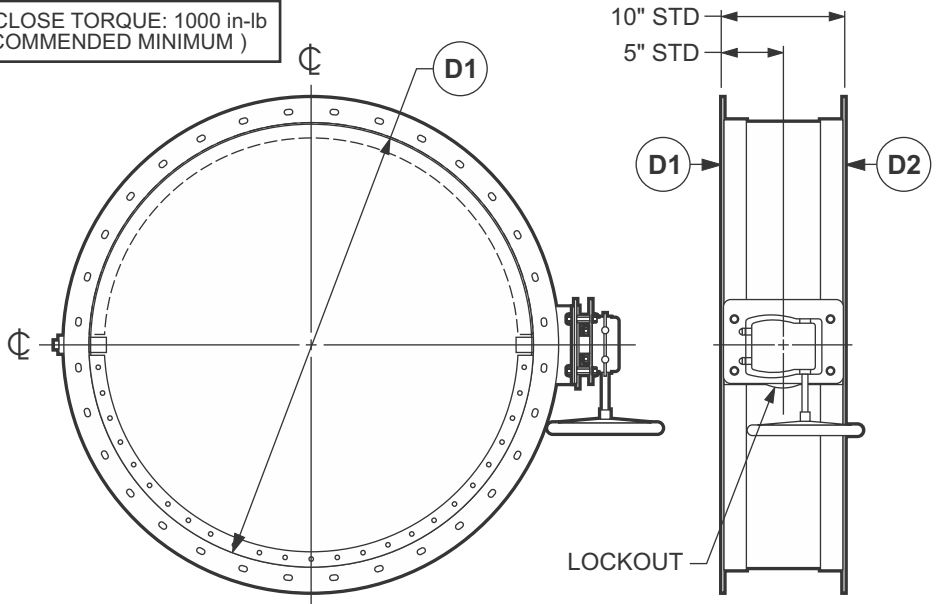
OPEN/CLOSE TORQUE: 1000 in-lb
(RECOMMENDED MINIMUM)

SPECIFICATIONS

- ▶ WELDED STAINLESS STEEL RINGS
- ▶ GEAR DRIVE ACTUATOR WITH 5° DAMPER AXLE LOCK
- ▶ MOUNTING HOLES STRADDLE VERTICAL CENTERLINE
- ▶ LIQUID TIGHT SHAFT SEALS THERMOPLASTIC SLEEVE BEARINGS
- ▶ 1.38"Ø STAINLESS STEEL AXLES
- ▶ .25" STAINLESS STEEL BLADES
- ▶ 10GA STAINLESS STEEL BODY
- ▶ WELDED BLADE STOPS W/ VITON BLADE SEAL (3/16" X 1-1/2")

OPTIONS

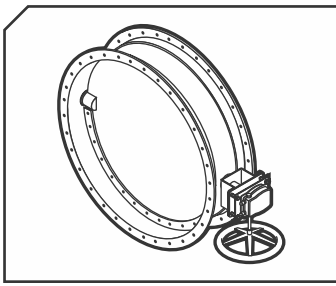
- ▶ PNEUMATIC ACTUATOR
- ▶ ELECTRIC ACTUATOR
- ▶ CUSTOM HOLE PATTERN
- ▶ BLANK MOUNTING KIT (PLATE & SHAFT ADAPTER) FOR CUSTOMER SUPPLIED ACTUATOR



| FITTING NUMBER | QTY | - D1 - DUCT DIA. | INDICATE CUSTOM RING IF REQUIRED D1 OR D2 | REMARKS |
|----------------|-----|------------------|---|---------|
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ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



**COMPANY/
JOB REFERENCE**

36"-48" AMCA Heavy Duty Industrial Damper



Fab-Tech, Inc. certifies that the Industrial Single Blade Isolation Damper shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program.

The AMCA Certified Ratings Seal applies to Air Leakage ratings and Air Performance ratings.

The AMCA Certified Ratings Seal applies to Air Leakage ratings and Air Performance ratings.

- Test method per AMCA Standard 500-89
Data based on a seating torque of: 125 in-lb/ft² for 16" damper, 86 in-lb/ft² for 48" damper
- Air leakage is based on operation between 50°F & 104°F (10°C to 40°C) and data corrected to represent standard air density 0.075 lbs/ft³.

| Damper Dia. | Pressure | AMCA Leakage Class |
|-------------|----------------|--------------------|
| 36" - 48" | 1" WG | 1A |
| | 4", 8", 12" WG | 1 |

Tested Leakage Rates Available, Contact Fab-Tech Inc.

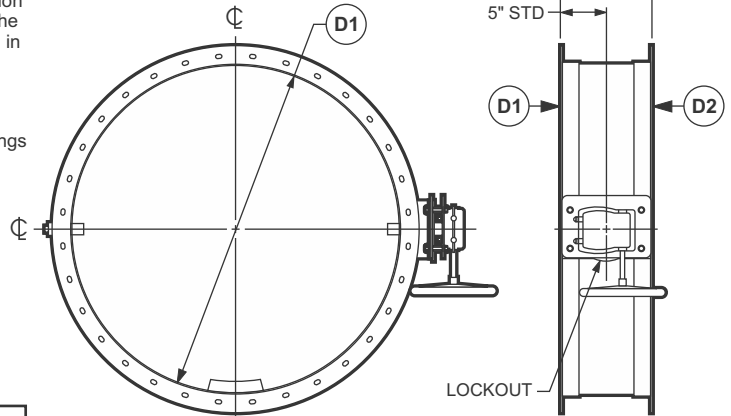
Leakage Classification L/s/m² (ft³/min/ft²)

| Pressure Class | Required Range | | Extended Range (Optional) | |
|----------------|------------------|-----------------|---------------------------|------------------|
| | 0.25 kPa (1" wg) | 1.0 kPa (4" wg) | 2.0 kPa (8" wg) | 3.0 kPa (12" wg) |
| 1A | 15.2 (3)* | N/A | N/A | N/A |
| 1 | 20.3 (4) | 40.6 (8) | 55.9 (11) | 71.1 (14) |
| 2 | 50.8 (10) | 102 (20) | 142 (28) | 178 (35) |
| 3 | 203 (40) | 406 (80) | 569 (112) | 711 (140) |

*Units for maximum ratings in () are CFM Sq. Ft.

■ Damper Leakage Test based on ANSI/AMCA Standard 500-D-07, Ref. Fig 5.6

OPEN/CLOSE TORQUE: 1000 in-lb
(RECOMMENDED MINIMUM)



SPECIFICATIONS

- ▶ WELDED STAINLESS STEEL RINGS
- ▶ GEAR DRIVE ACTUATOR WITH 1/2" DAMPER AXLE LOCK
- ▶ MOUNTING HOLES STRADDLE VERTICAL CENTERLINE
- ▶ LIQUID TIGHT SHAFT SEALS THERMOPLASTIC SLEEVE BEARINGS
- ▶ 1.38"Ø STAINLESS STEEL AXLES
- ▶ .25" STAINLESS STEEL BLADES
- ▶ 10GA STAINLESS STEEL BODY
- ▶ WELDED BLADE STOPS WITH VITON SEAL

OPTIONS

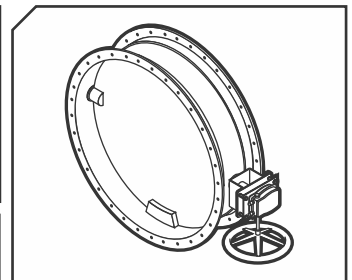
- ▶ PNEUMATIC ACTUATOR
- ▶ ELECTRIC ACTUATOR
- ▶ CUSTOM HOLE PATTERN
- ▶ BLANK MOUNTING KIT (PLATE & SHAFT ADAPTER) FOR CUSTOMER SUPPLIED ACTUATOR

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | INDICATE CUSTOM RING IF REQUIRED D1 OR D2 | REMARKS |
|----------------|-----|------------------|---|---------|
| | | | | AMCA |
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ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:

COMPANY/ JOB REFERENCE



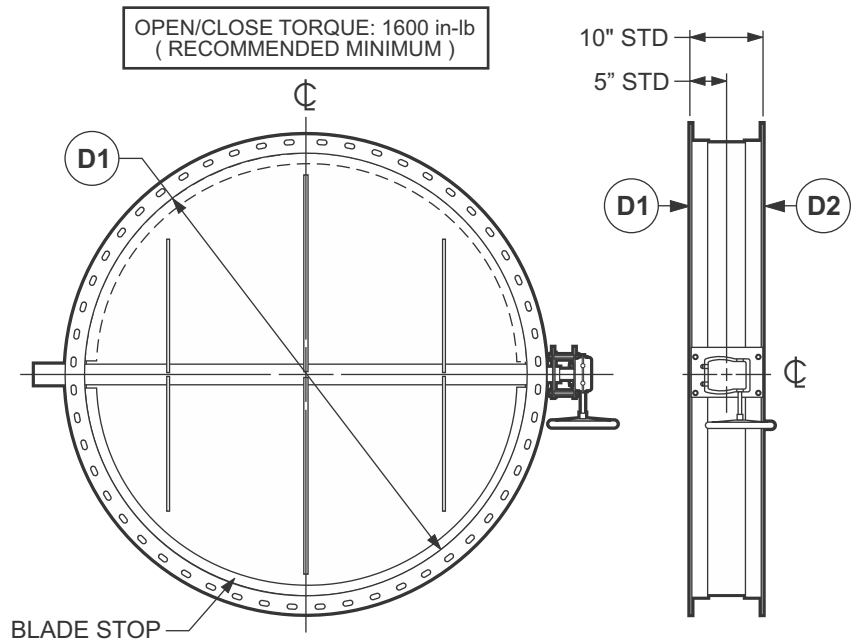
50" & Larger Heavy Duty Industrial Damper

SPECIFICATIONS

- ▶ .38" STAINLESS STEEL BLADE WITH STIFFENING RIBS
- ▶ .25" STAINLESS STEEL BODY
- ▶ WELDED STAINLESS STEEL RINGS
- ▶ GEAR DRIVE ACTUATOR WITH LOCK OUT
- ▶ MOUNTING HOLES STRADDLE VERTICAL CENTERLINE
- ▶ WELDED BLADE STOPS
- ▶ LIQUID TIGHT SHAFT SEALS
- ▶ THERMOPLASTIC SLEEVE BEARINGS
- ▶ AVAILABLE TO 120" DIA. - DAMPERS LARGER THAN 84" DIA. REQUIRE ENGINEERING REVIEW & APPROVAL

OPTIONS

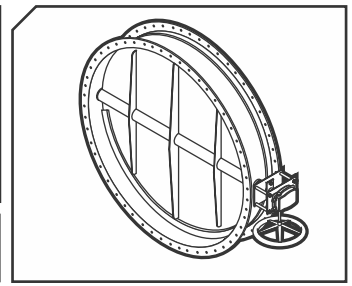
- ▶ PNEUMATIC ACTUATOR
- ▶ ELECTRIC ACTUATOR
- ▶ CUSTOM HOLE PATTERN
- ▶ BLANK MOUNTING KIT (PLATE & SHAFT ADAPTER) FOR CUSTOMER SUPPLIED ACTUATOR



| FITTING NUMBER | QTY | - D1 - DUCT DIA. | INDICATE CUSTOM RING IF REQUIRED D1 OR D2 | REMARKS |
|----------------|-----|------------------|---|---------|
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ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:

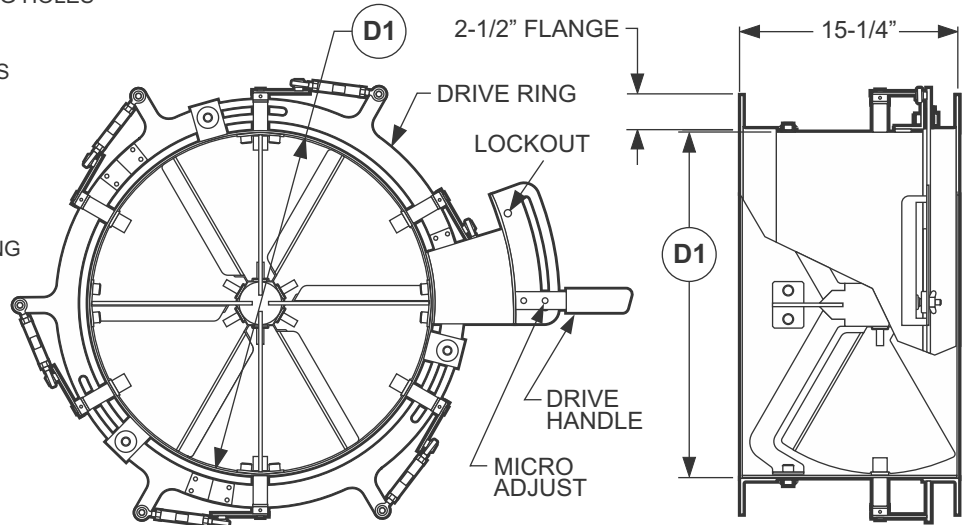


COMPANY/ JOB REFERENCE

18"-72" Vortex Damper

SPECIFICATIONS

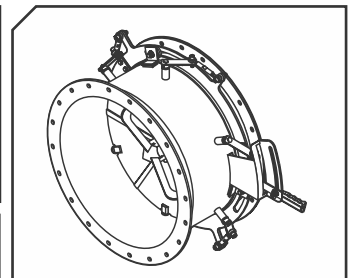
- ▶ 10 GA. STAINLESS STEEL BODY - 2-1/2" FLANGES
- ▶ 7/16" x 11/16" SLOTTED MOUNTING HOLES
- ▶ MOUNTING HOLES STRADDLE VERTICAL CENTERLINE
- ▶ 10 GA. STAINLESS STEEL BLADES WITH OVERLAP
- ▶ 1/2" DIAMETER STAINLESS STEEL BLADE AXLES
- ▶ GLASS FILLED ETFE BEARINGS
- ▶ STAINLESS STEEL LINKAGES & LINKAGES OUTSIDE AIRSTREAM
- ▶ 1/4" STAINLESS STEEL DRIVE RING
- ▶ 10 GA. STAINLESS STEEL QUADRANT PLATE
- ▶ HAND ACTUATED WITH MICRO ADJUSTMENT AND LOCKOUT FEATURE



| FITTING NUMBER | QTY | - D1 - DUCT DIA. | REMARKS |
|----------------|-----|------------------|---------|
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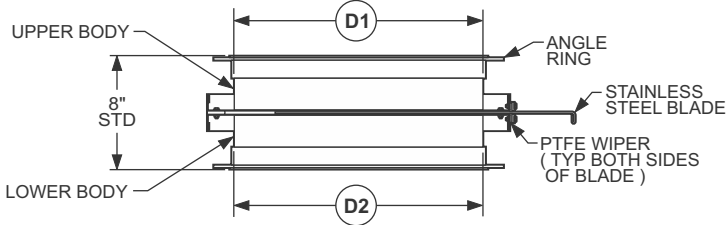
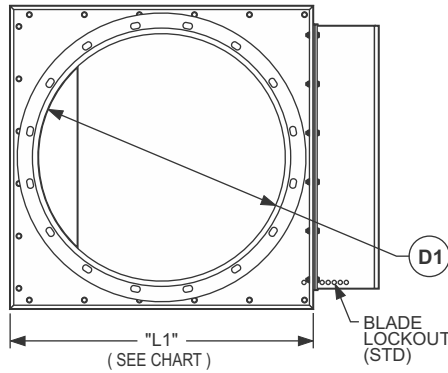
ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



**COMPANY/
JOB REFERENCE**

4"-36" Horizontal Run Isolation Blastgate



SPECIFICATIONS

- ▶ STAINLESS STEEL FRAME MATERIAL
- ▶ BLADE LOCKOUT SYSTEM

RING TYPES

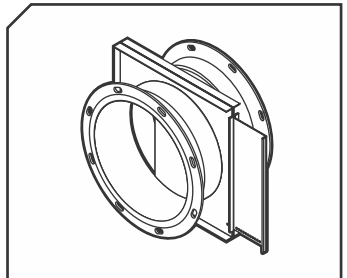
- EZ** EZ CLAMPS
(AVAILABLE 4" - 14")
- SC** STAINLESS CAST RINGS
(AVAILABLE 4" - 14")
- BI** BLACK IRON ANGLE RINGS
(AVAILABLE 4" - 36")
- SS** STAINLESS ANGLE RINGS
(AVAILABLE 16" - 36")

| DUCT DIA. "D" | OUTSIDE DIM "L1" | FRAME BOLTS | NO. OF BLADES |
|---------------|------------------|-------------|---------------|
| 4" TO 16" | DIA. "D" + 4" | .31" | 1 |
| 18" TO 36" | DIA. "D" + 4.5" | .31" | 1 |

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | - D1 - RING TYPE | - D2 - RING TYPE | REMARKS |
|----------------|-----|------------------|------------------|------------------|---------|
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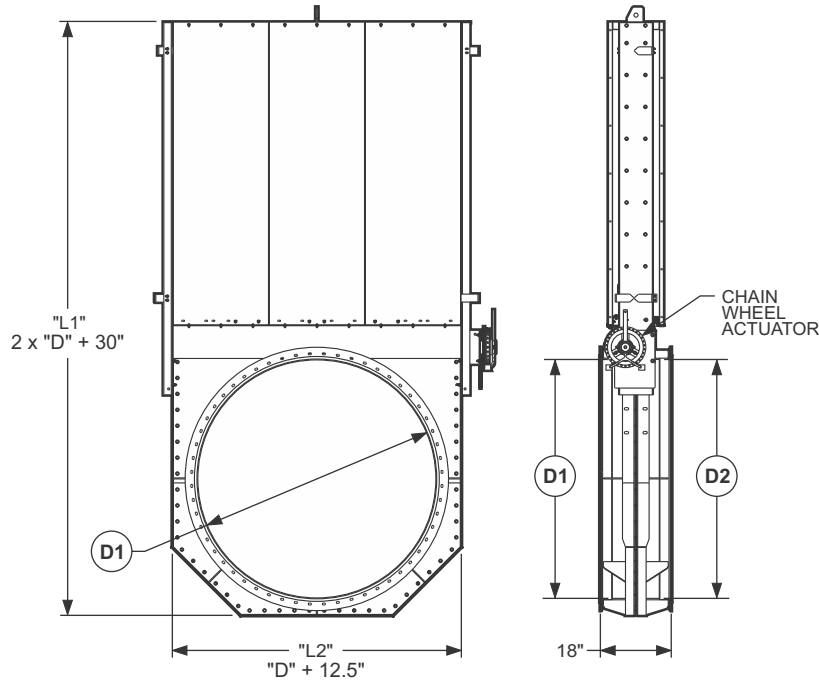
ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



COMPANY/ JOB REFERENCE

16"-36" Horizontal Run Actuated Isolation Blastgate



SPECIFICATIONS

- ▶ STAINLESS STEEL FRAME MATERIAL
- ▶ BLADE LOCKOUT SYSTEM
- ▶ EXTERIOR POSITION INDICATOR

OPTIONS

- ▶ BELLOWS ENCLOSED LEAD SCREW FOR ADDITIONAL CORROSION RESISTANCE (ADDS TO L1 LENGTH)

| DUCT DIA. "D" | FRAME BOLTS | NO. OF BLADES |
|---------------|-------------|---------------|
| 16" TO 36" | .38" | 1 |

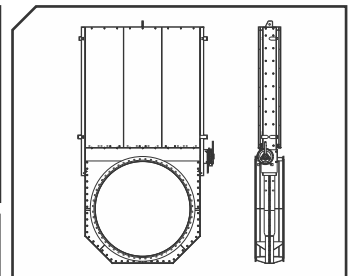
RING TYPES

- BI** BLACK IRON ANGLE RINGS (AVAILABLE 16" - 36")
- SS** STAINLESS ANGLE RINGS (AVAILABLE 16" - 36")

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | - D1 - RING TYPE | - D2 - RING TYPE | REMARKS |
|----------------|-----|------------------|------------------|------------------|---------|
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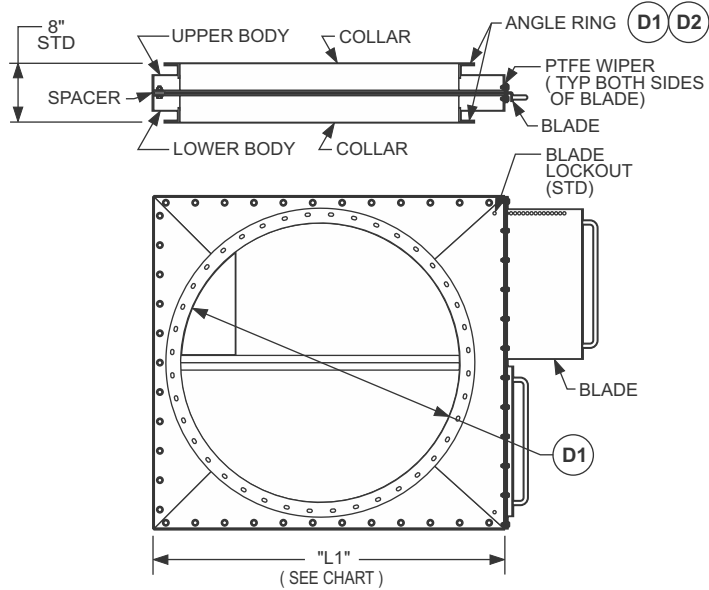
ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



COMPANY/ JOB REFERENCE

38" & Larger Horizontal Run Isolation Blastgate



SPECIFICATIONS

- ▶ STAINLESS STEEL BODY, RINGS AND BLADES
- ▶ BLADE LOCKOUT SYSTEM

| DUCT DIA. "D" | OUTSIDE DIM "L1" | BODY BOLTS | NO. OF BLADES |
|---------------|------------------|------------|---------------|
| 38" TO 46" | DIA. "D" + 10" | .31" | 2 |
| 48" TO 60" | DIA. "D" + 11" | .38" | 2 |
| 62" TO 84" | DIA. "D" + 11" | .38" | 3 |
| 86" TO 96" | DIA. "D" + 11" | .50" | 3 |
| 98" and UP | DIA. "D" + 11" | .63" | 4 |

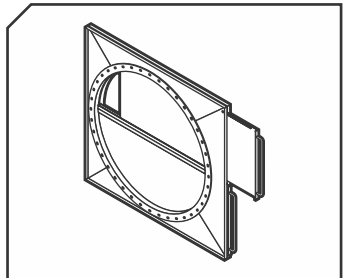
RING TYPES

- BI** BLACK IRON ANGLE RINGS (AVAILABLE 38" - 100")
- SS** STAINLESS ANGLE RINGS (AVAILABLE 38" - 120")

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | - D1 - RING TYPE | - D2 - RING TYPE | REMARKS |
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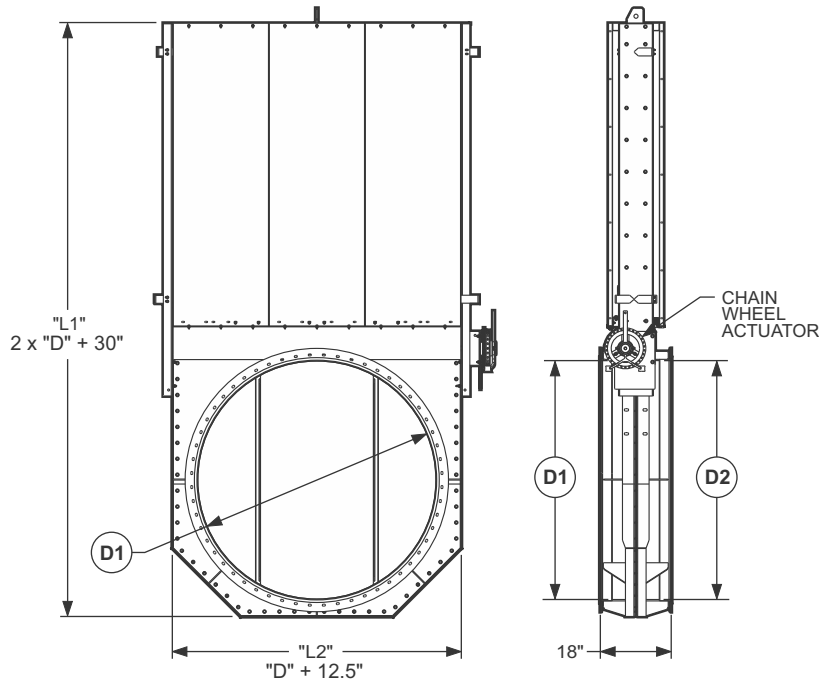
ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



COMPANY/ JOB REFERENCE

38" & Larger Horizontal Run Actuated Isolation Blastgate



SPECIFICATIONS

- ▶ STAINLESS STEEL BODY, RINGS AND BLADES
- ▶ BLADE LOCKOUT SYSTEM
- ▶ EXTERIOR POSITION INDICATOR
- ▶ HORIZONTAL RUN BLASTGATES GREATER THAN 88" REQUIRE ENGINEERING REVIEW AND APPROVAL

OPTIONS

- ▶ BELLOWS ENCLOSED LEAD SCREW FOR ADDITIONAL CORROSION RESISTANCE (ADDS TO L1 LENGTH)

| DUCT DIA. "D" | BODY BOLTS | NO. OF BLADES |
|---------------|------------|---------------|
| 38" TO 64" | .38" | 1 |
| 66" TO 88" | .43" | 1 |

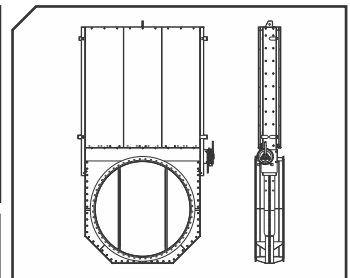
RING TYPES

- BI** BLACK IRON ANGLE RINGS (AVAILABLE 38" - 100")
- SS** STAINLESS ANGLE RINGS (AVAILABLE 38" - 120")

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | - D1 - RING TYPE | - D2 - RING TYPE | REMARKS |
|----------------|-----|------------------|------------------|------------------|---------|
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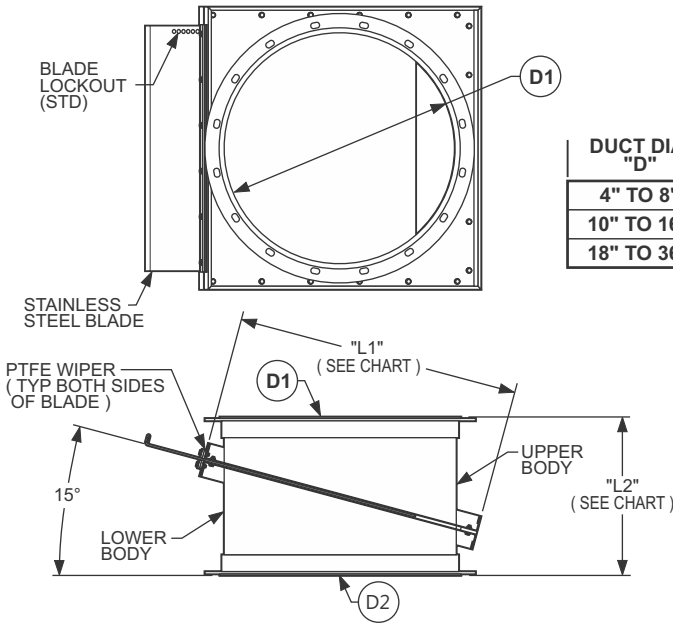
ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



COMPANY/ JOB REFERENCE

4"-36" Vertical Run Isolation Blastgate



SPECIFICATIONS

- ▶ STAINLESS STEEL FRAME MATERIAL
- ▶ BLADE LOCKOUT SYSTEM

| DUCT DIA. "D" | OUTSIDE DIM "L1" | FRAME BOLTS | NO. OF BLADES | BLADE ANGLE | LENGTH "L2" |
|---------------|------------------|-------------|---------------|-------------|-------------|
| 4" TO 8" | DIA. "D" + 4" | .31" | 1 | 15° | 8" |
| 10" TO 16" | DIA. "D" + 4" | .31" | 1 | 15° | 12" |
| 18" TO 36" | DIA. "D" + 4.5" | .31" | 1 | 15° | 16" |

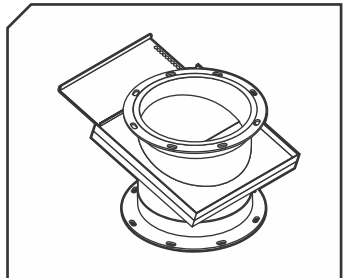
RING TYPES

- EZ** EZ CLAMPS (AVAILABLE 4" - 14")
- SC** STAINLESS CAST RINGS (AVAILABLE 4" - 14")
- BI** BLACK IRON ANGLE RINGS (AVAILABLE 4" - 36")
- SS** STAINLESS ANGLE RINGS (AVAILABLE 16" - 36")

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | - D1 - RING TYPE | - D2 - RING TYPE | REMARKS |
|----------------|-----|------------------|------------------|------------------|---------|
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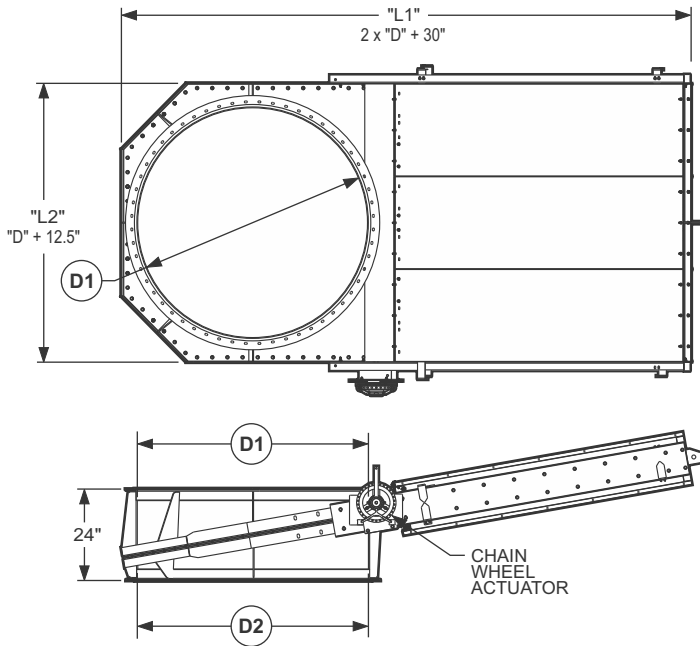
ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



COMPANY/ JOB REFERENCE

16"-36" Vertical Run Actuated Isolation Blastgate



SPECIFICATIONS

- ▶ STAINLESS STEEL FRAME MATERIAL
- ▶ BLADE LOCKOUT SYSTEM
- ▶ EXTERIOR POSITION INDICATOR

OPTIONS

- ▶ BELLOWS ENCLOSED LEAD SCREW FOR ADDITIONAL CORROSION RESISTANCE (ADDS TO L1 LENGTH)

RING TYPES

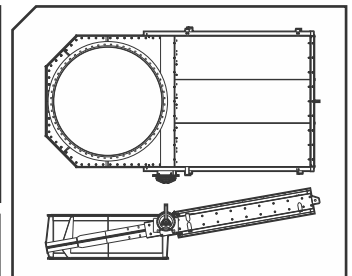
- BI** BLACK IRON ANGLE RINGS (AVAILABLE 16" - 36")
- SS** STAINLESS ANGLE RINGS (AVAILABLE 16" - 36")

| DUCT DIA. "D" | FRAME BOLTS | NO. OF BLADES | BLADE ANGLE |
|---------------|-------------|---------------|-------------|
| 16" TO 36" | .38" | 1 | 10° |

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | - D1 - RING TYPE | - D2 - RING TYPE | REMARKS |
|----------------|-----|------------------|------------------|------------------|---------|
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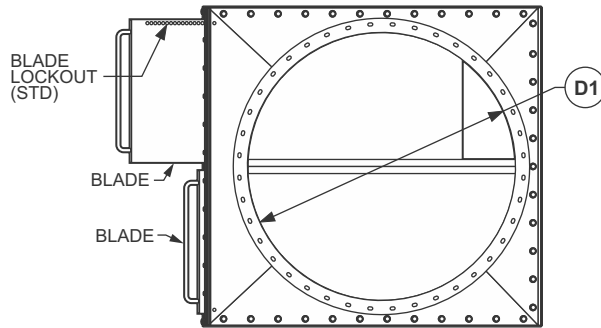
ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



COMPANY/ JOB REFERENCE

38" & Larger Vertical Run Isolation Blastgate

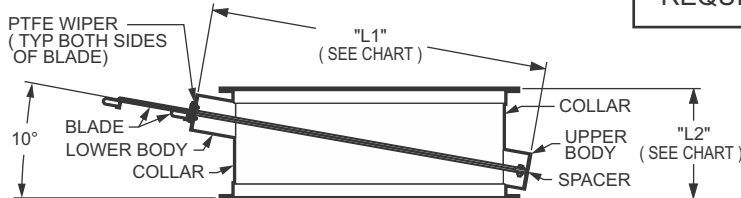


SPECIFICATIONS

- ▶ STAINLESS STEEL BODY, RINGS AND BLADE
- ▶ BLADE LOCKOUT SYSTEM

| DUCT DIA. "D" | OUTSIDE DIM "L1" | BODY BOLTS | NO. OF BLADES | BLADE ANGLE | LENGTH "L2" |
|---------------|------------------|------------|---------------|-------------|-------------|
| 38" TO 46" | DIA. "D" + 10" | .31" | 2 | 10° | 16" |
| 48" TO 60" | DIA. "D" + 11" | .38" | 2 | 10° | 24" |
| 62" TO 84" | DIA. "D" + 11" | .38" | 3 | 10° | 24" |

VERTICAL RUN BLASTGATES GREATER THAN 84" REQUIRE ENGINEERING REVIEW AND APPROVAL



RING TYPES

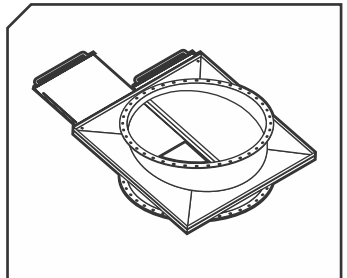
- BI** BLACK IRON ANGLE RINGS (AVAILABLE 38" - 100")
- SS** STAINLESS ANGLE RINGS (AVAILABLE 38" - 120")

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | - D1 - RING TYPE | - D2 - RING TYPE | REMARKS |
|----------------|-----|------------------|------------------|------------------|---------|
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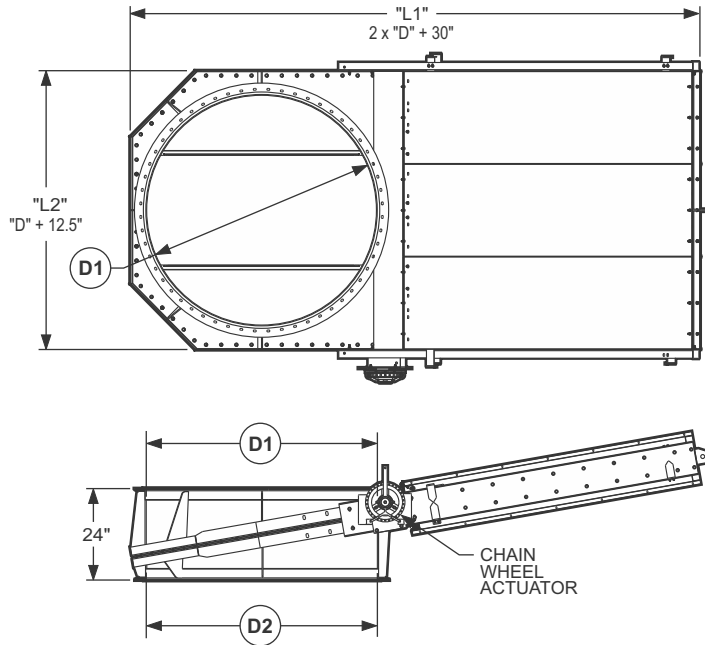
ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:

COMPANY/ JOB REFERENCE



38" & Larger Vertical Run Actuated Isolation Blastgate



SPECIFICATIONS

- ▶ STAINLESS STEEL BODY, RINGS AND BLADE
- ▶ BLADE LOCKOUT SYSTEM
- ▶ EXTERIOR POSITION INDICATOR
- ▶ VERTICAL RUN BLASTGATES GREATER THAN 88" REQUIRE ENGINEERING REVIEW AND APPROVAL

OPTIONS

- ▶ BELLOWS ENCLOSED LEAD SCREW FOR ADDITIONAL CORROSION RESISTANCE (ADDS TO L1 LENGTH)

| DUCT DIA. "D" | BODY BOLTS | NO. OF BLADES | BLADE ANGLE |
|---------------|------------|---------------|-------------|
| 38" TO 64" | .38" | 1 | 10° |
| 66" TO 88" | .43" | 1 | 10° |

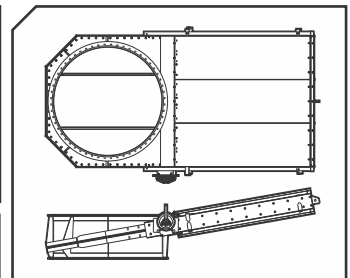
RING TYPES

- BI** BLACK IRON ANGLE RINGS (AVAILABLE 38" - 100")
- SS** STAINLESS ANGLE RINGS (AVAILABLE 38" - 120")

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | - D1 - RING TYPE | - D2 - RING TYPE | REMARKS |
|----------------|-----|------------------|------------------|------------------|---------|
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ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



COMPANY/ JOB REFERENCE

Field Installed Nipple

SPECIFICATIONS

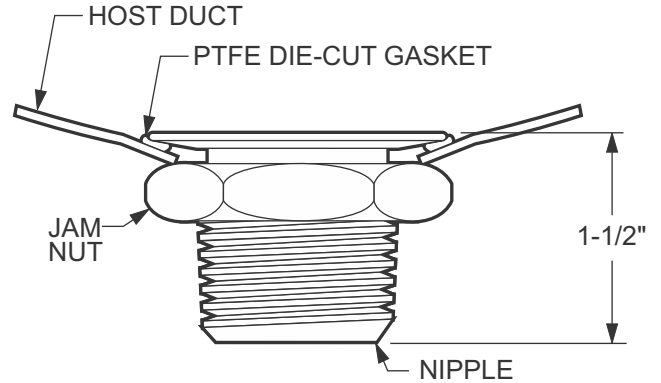
▶ REFER TO INSTALLATION AND ASSEMBLY GUIDE

***SWAGE KIT REQUIRED TO INSTALL NIPPLE**

SEE SWAGE KIT ORDER SHEET

ONLY ONE KIT IS REQUIRED TO INSTALL MULTIPLE NIPPLES

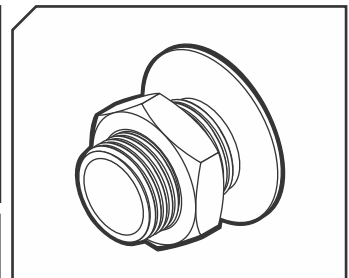
| PART NUMBER* | DESCRIPTION |
|--------------|------------------------------------|
| TPS01 | MANUAL KIT FOR 1" |
| TPS02 | HYDRAULIC KIT FOR 1", 1-1/2", & 2" |



| FITTING NUMBER | PART NUMBER | QTY | DESCRIPTION |
|----------------|--------------|-----|--|
| | PRT01 | | 1" NPT NIPPLE - 6" DIA DUCT MIN - 16 GA MAX MATERIAL |
| | PRT15 | | 1-1/2" NPT NIPPLE - 8" DIA DUCT MIN - 16 GA MAX MATERIAL |
| | PRT02 | | 2" NPT NIPPLE - 10" DIA DUCT MIN - 16 GA MAX MATERIAL |

ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



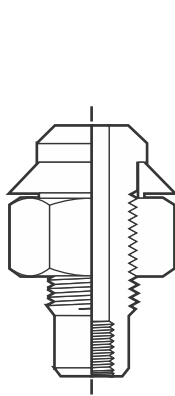
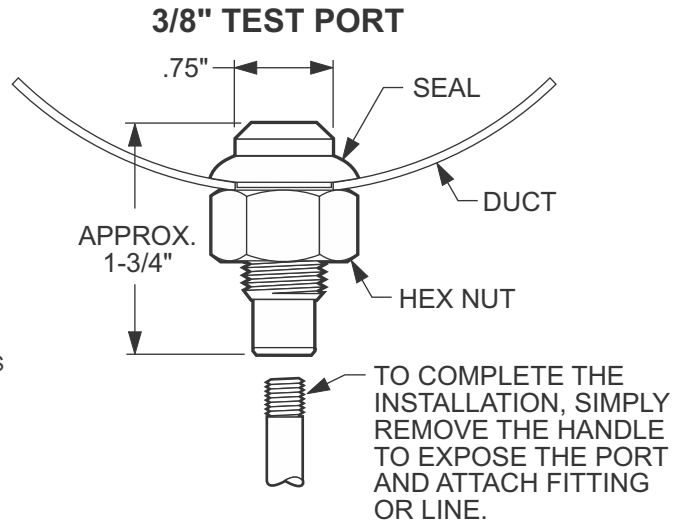
COMPANY/ JOB REFERENCE

Field Installed Test Port

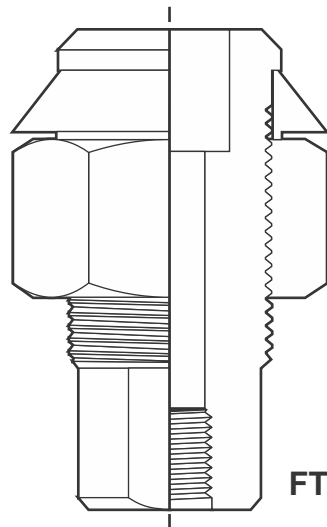
The unique handle design of this test port allows it to be installed quickly and easily in-the-field with common tools and without system shutdown or disassembly.

SPECIFICATIONS

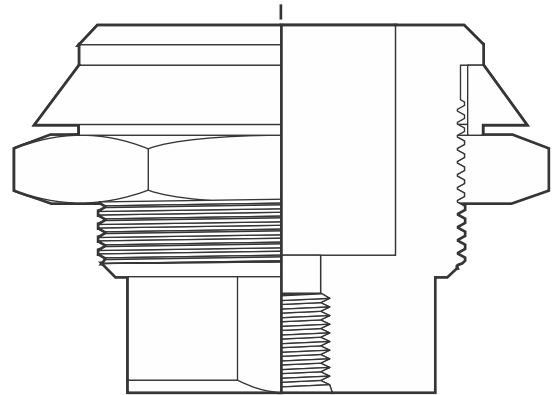
- ▶ NIPPLE MADE OF PURE PVDF, SEAL MADE OF VITON[®]
- ▶ STAINLESS STEEL HEX NUT
- ▶ ABLE TO REDRILL THROUGH HOLE TO SLIGHTLY LARGER HOLE OR DRILL AND TAP TEST PORT FOR FEMALE THREADS
- ▶ PROVIDES LIQUID TIGHT SEAL - DOES NOT COMPROMISE THE INTEGRITY OF THE INTERIOR COATING
- ▶ REFER TO INSTALLATION AND ASSEMBLY GUIDE



FTFI38TP



FTFI34TP

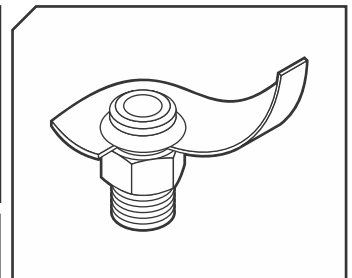


FTFI20TP

| FITTING NUMBER | PART NUMBER | QTY | DESCRIPTION |
|----------------|-----------------|-----|--|
| | FTFI38TP | | 1/4" THROUGH HOLE MOLDED TEST PORT (2" DIA. DUCT MIN.) |
| | FTFI34TP | | 1/2" THROUGH HOLE MOLDED TEST PORT (6" DIA. DUCT MIN.) |
| | FTFI20TP | | 9/16" THROUGH HOLE MOLDED TEST PORT (12" DIA. DUCT MIN.) |

ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

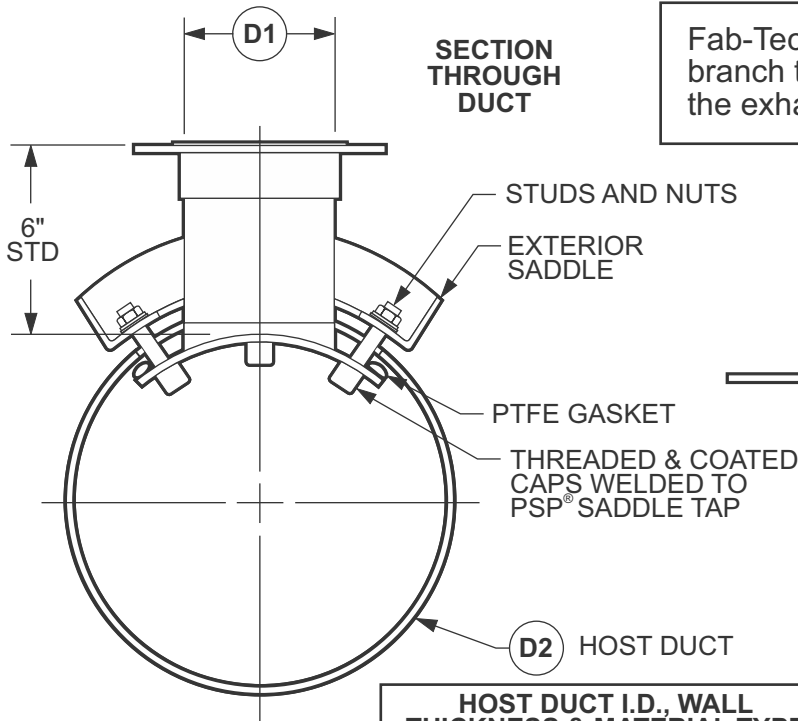
REMARKS:



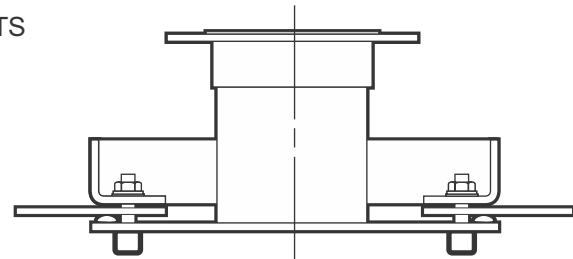
**COMPANY/
JOB REFERENCE**

Blank space for company/job reference.

Field Installed Straight Saddle Tap



Fab-Tech's PSP® saddle tap will allow a new branch to be installed without shutting down the exhaust system.



SPECIFICATIONS

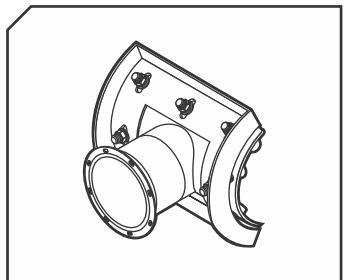
- ▶ STRAIGHT TAP STANDARD
- ▶ OTHER TAP STYLES AVAILABLE WITH ENGINEERING REVIEW AND APPROVAL
- ▶ REFER TO INSTALLATION AND ASSEMBLY GUIDE

HOST DUCT I.D., WALL THICKNESS & MATERIAL TYPE
(REQUIRED INFORMATION)

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | - D1 - RING TYPE | - D2 - DUCT DIA. | HOST DUCT I.D., WALL THICKNESS & MATERIAL TYPE |
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ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

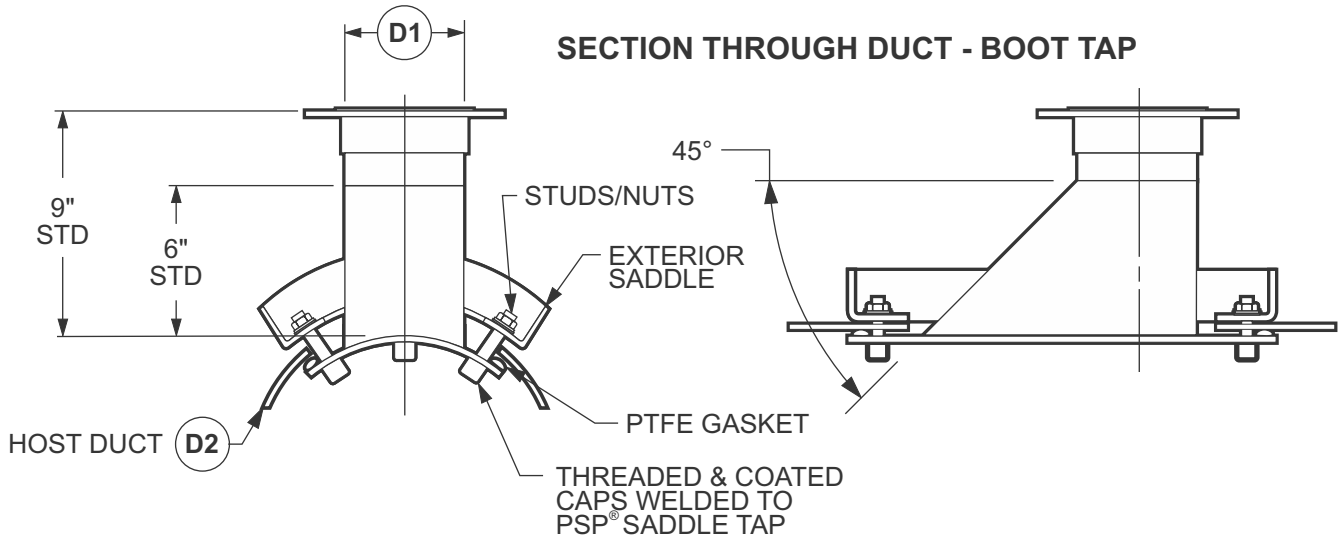
REMARKS:



COMPANY/ JOB REFERENCE

Field Installed Boot Saddle Tap

Fab-Tech's PSP[®] saddle tap will allow a new branch to be installed without shutting down the exhaust system.



HOST DUCT I.D., WALL THICKNESS & MATERIAL TYPE
(REQUIRED INFORMATION)

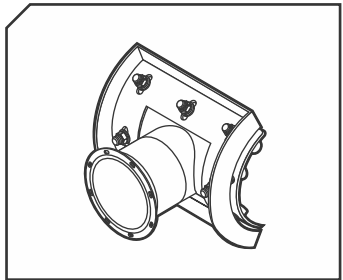
SPECIFICATIONS

▶ REFER TO INSTALLATION AND ASSEMBLY GUIDE

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | - D1 - RING TYPE | - D2 - DUCT DIA. | HOST DUCT I.D., WALL THICKNESS & MATERIAL TYPE |
|----------------|-----|------------------|------------------|------------------|--|
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ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

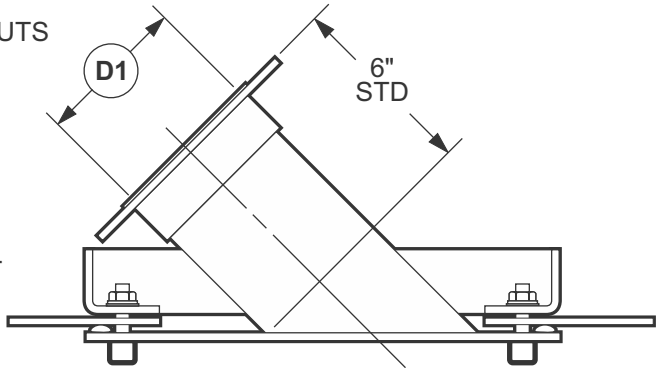
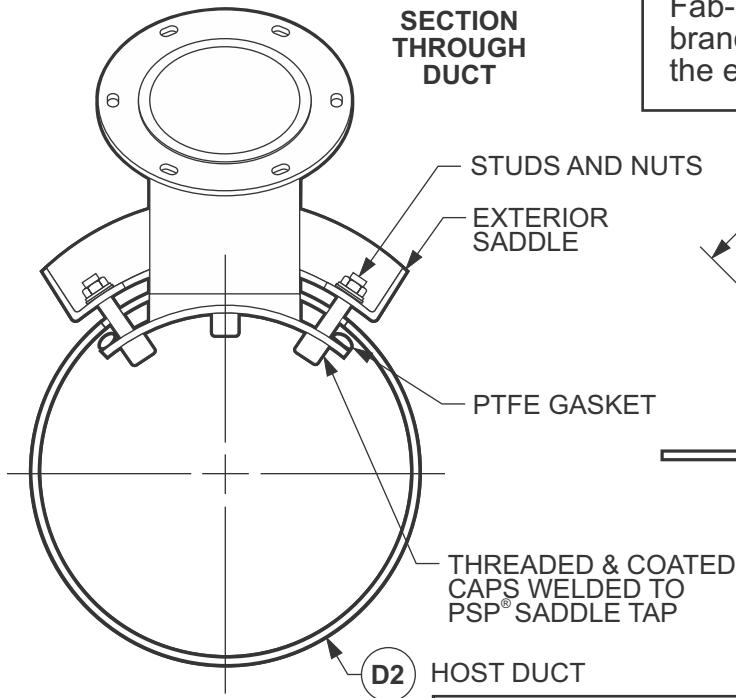
REMARKS:



COMPANY/ JOB REFERENCE

Field Installed Lateral Saddle Tap

Fab-Tech's PSP® saddle tap will allow a new branch to be installed without shutting down the exhaust system.



SPECIFICATIONS

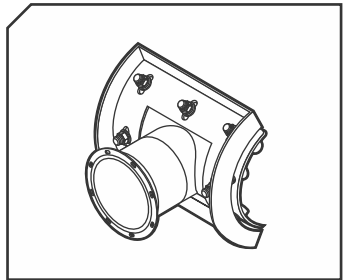
▶ REFER TO INSTALLATION AND ASSEMBLY GUIDE

HOST DUCT I.D., WALL THICKNESS & MATERIAL TYPE
(REQUIRED INFORMATION)

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | - D1 - RING TYPE | - D2 - DUCT DIA. | HOST DUCT I.D., WALL THICKNESS & MATERIAL TYPE |
|----------------|-----|------------------|------------------|------------------|--|
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ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



**COMPANY/
JOB REFERENCE**

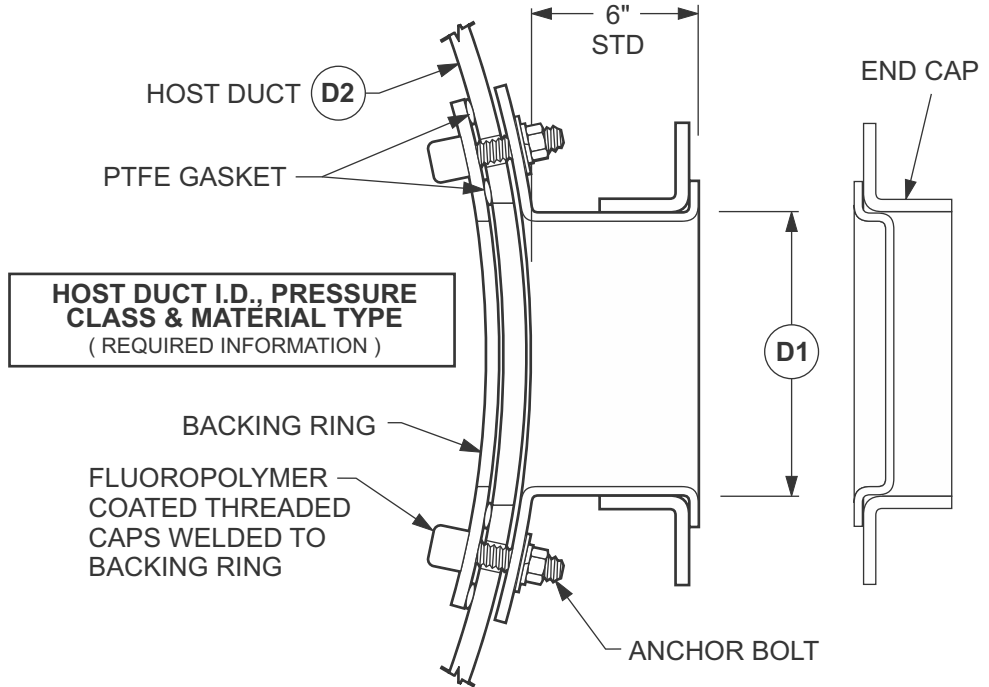
Field Installed Hot Tap

SPECIFICATIONS

- ▶ STRAIGHT TAP STANDARD
- ▶ REFER TO INSTALLATION AND ASSEMBLY GUIDE
- ▶ ISOLATION BOX REQUIRED FOR INSTALLATION

| Tap Size Ø D1 | Min Host Duct Ø D2 |
|------------------|-----------------------|
| 4 | 10 |
| 6 | 12 |
| 6 | 14 |
| 8 | 16 |
| 10 | 18 |
| 12 | 20 |
| 14 | 22 |
| 14 | 24 |
| 16 | 26 |
| 18 | 28 |
| 20 | 30 |
| 22 | 32 |
| 22 | 34 |
| 24 | 36 |

SECTION THROUGH DUCT & TAP

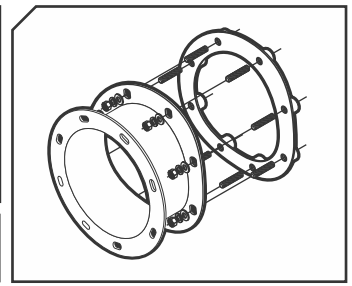


HOST DUCT I.D., PRESSURE CLASS & MATERIAL TYPE
(REQUIRED INFORMATION)

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | - D1 - RING TYPE | - D2 - DUCT DIA. | HOST DUCT I.D., WALL THICKNESS & MATERIAL TYPE |
|----------------|-----|------------------|------------------|------------------|--|
| | | | | | |
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ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



COMPANY/ JOB REFERENCE

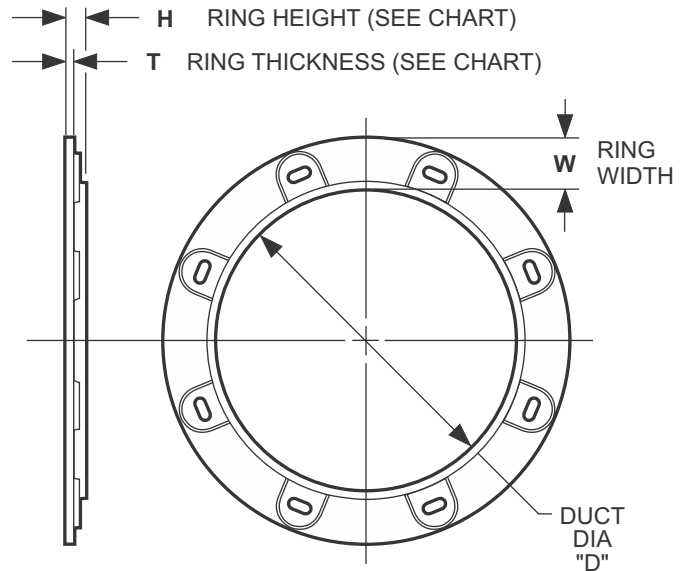
Cast Ring

NOTES:

- ▶ CAST RINGS AVAILABLE IN STAINLESS
- ▶ REFER TO CHART FOR STANDARD CAST RINGS

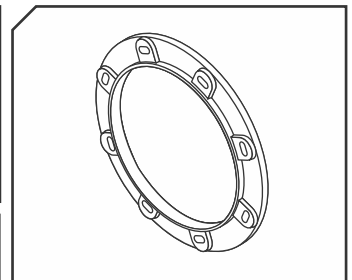
CAST RING SPECIFICATIONS

| DUCT DIA | WIDTH (W) | HEIGHT (H) | THICKNESS (T) | # HOLES | BOLT HOLE SIZE | BOLT SIZE | BOLT CIRCLE DIA. | DUCT DIA |
|----------|-----------|------------|---------------|---------|----------------|-----------|------------------|----------|
| 4 | 1-1/4 | 13/32 | 1/8 | 6 | 3/8 x 5/8 | 5/16 | 5.31 | 4 |
| 6 | | | | 7.50 | | | 6 | |
| 8 | | | | 9.50 | | | 8 | |
| 10 | | | | 11.50 | | | 10 | |
| 12 | 1-1/2 | 1/2 | 3/16 | 12 | 7/16 x 11/16 | 3/8 | 13.81 | 12 |
| 14 | | | | | | | 15.81 | 14 |



| PART NUMBER | QTY | DESCRIPTION |
|-------------|-----|--------------------------------------|
| RC04 | | 4" DIA. - STAINLESS STEEL CAST RING |
| RC06 | | 6" DIA. - STAINLESS STEEL CAST RING |
| RC08 | | 8" DIA. - STAINLESS STEEL CAST RING |
| RC10 | | 10" DIA. - STAINLESS STEEL CAST RING |
| RC12 | | 12" DIA. - STAINLESS STEEL CAST RING |
| RC14 | | 14" DIA. - STAINLESS STEEL CAST RING |

REMARKS:



COMPANY/ JOB REFERENCE

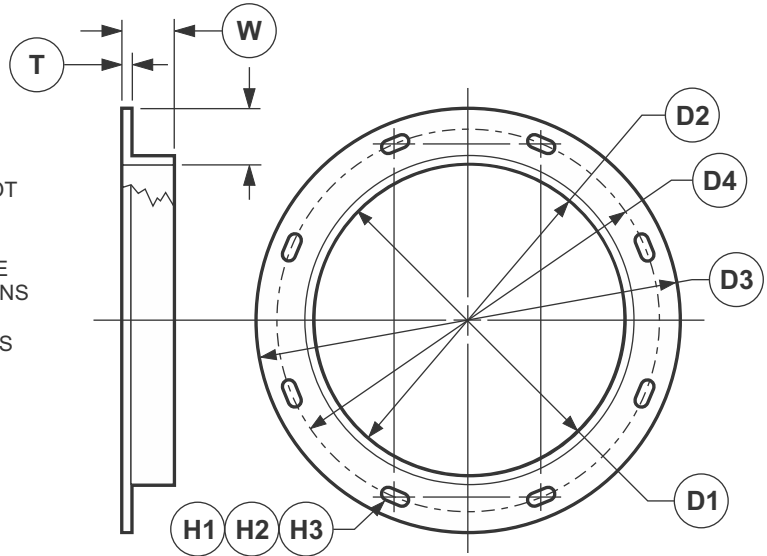
Angle Ring

SPECIFICATIONS

- ▶ HOLES STRADDLE VERTICAL CENTERLINE STANDARD FOR WELDED (FIXED) RINGS
- ▶ ANGLE FLANGES STANDARD (FLAT RINGS NOT RECOMMENDED)
- ▶ SLOTTED HOLES STANDARD
- ▶ FLANGE WIDTH AND THICKNESS vs DUCT SIZE STANDARD (SEE MECHANICAL SPECIFICATIONS IN THE STANDARDS SECTION OF CATALOG)
- ▶ ADDITIONAL CHARGE FOR ALL CUSTOM RINGS

RING TYPES

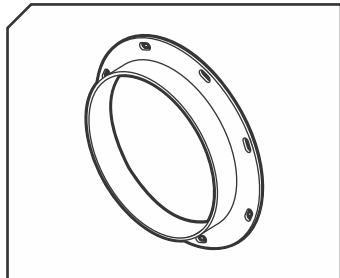
- BI** BLACK IRON ANGLE RINGS
(AVAILABLE 4" - 100")
- SS** STAINLESS ANGLE RINGS
(AVAILABLE 16" - 120")



ADDITIONAL INFORMATION REQUIRED FOR CUSTOM ANGLE RINGS

| FITTING NUMBER | QTY | - D1 - DUCT DIA. | - D1 - RING TYPE | - D2 - RING I.D. | - D3 - RING O.D. | - D4 - BOLT CIRCLE DIA. | - H1 - NO. OF HOLES | - H2 - HOLE SIZE | - H3 - BOLT SIZE | - W - RING WIDTH | - T - RING THICKNESS |
|----------------|-----|------------------|------------------|------------------|------------------|-------------------------|---------------------|------------------|------------------|------------------|----------------------|
| | | | | | | | | | | | |
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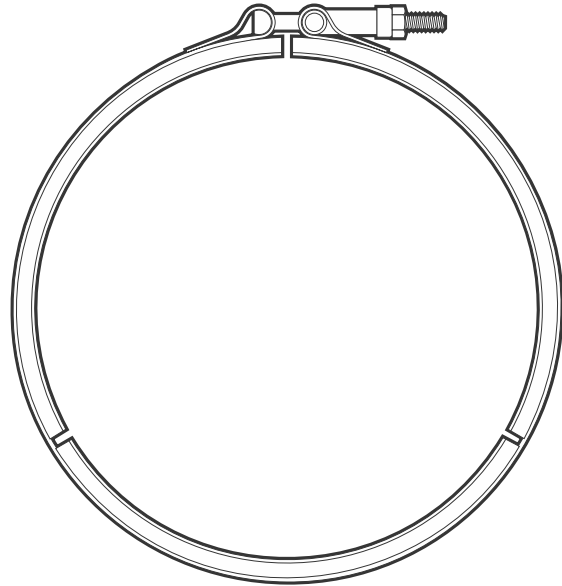


COMPANY/ JOB REFERENCE

PSP-EZ[™] Clamp Kit

The PSP-EZ[™] joining system is available for standard PSP[®] duct from 4" to 14" in diameter. The combination of half round backing rings and the unique angled clamp band provides excellent clamping force with the added benefit of ease of installation.

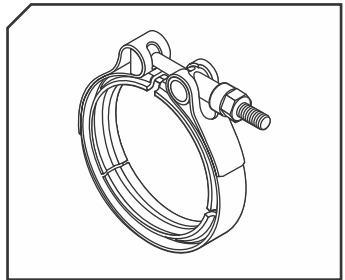
Each kit contains a clamp, PTFE tape gasket, and two backing rings.



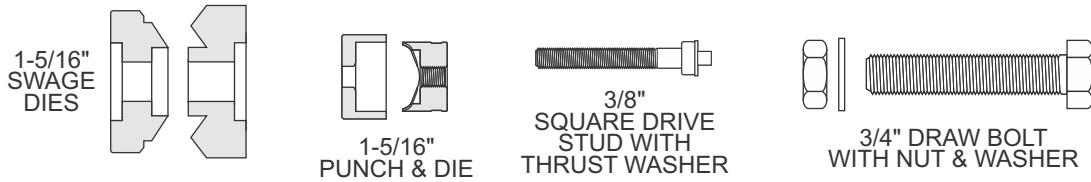
| PART NUMBER | QTY | REMARKS |
|-------------|-----|--|
| CL004KT | | PSP-EZ [™] CLAMP KIT FOR 4" DUCT |
| CL006KT | | PSP-EZ [™] CLAMP KIT FOR 6" DUCT |
| CL008KT | | PSP-EZ [™] CLAMP KIT FOR 8" DUCT |
| CL010KT | | PSP-EZ [™] CLAMP KIT FOR 10" DUCT |
| CL012KT | | PSP-EZ [™] CLAMP KIT FOR 12" DUCT |
| CL014KT | | PSP-EZ [™] CLAMP KIT FOR 14" DUCT |

REMARKS:

COMPANY/
JOB REFERENCE

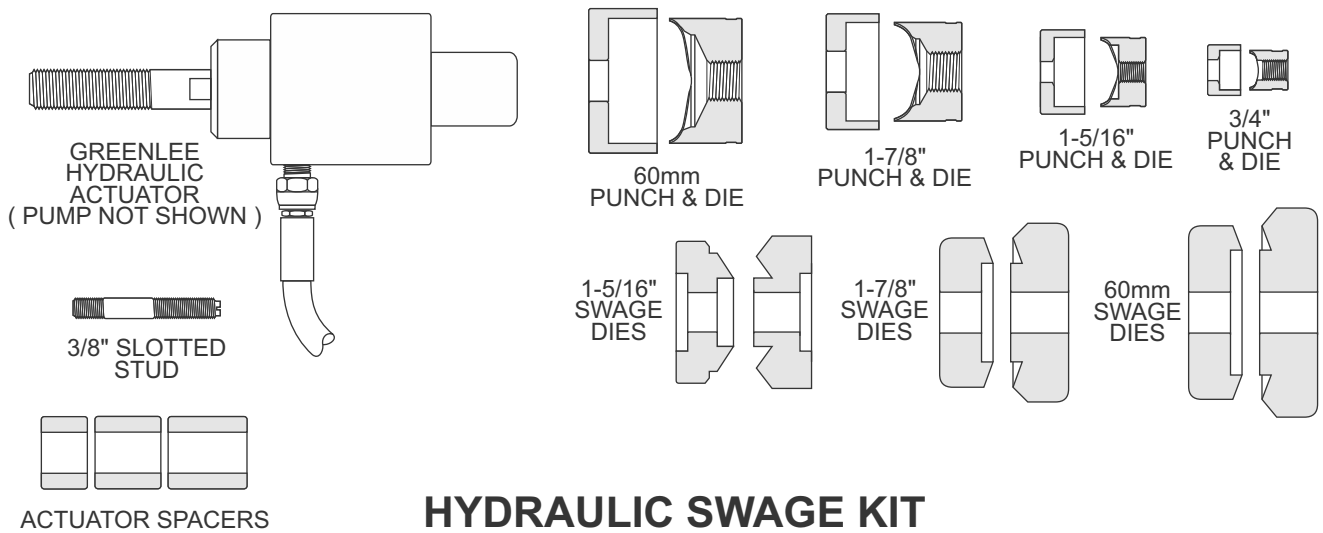


Swage Kits



MANUAL SWAGE KIT

THIS KIT IS USED FOR INSTALLATION OF 1" FIELD INSTALLED NIPPLES
SEE INSTALLATION AND ASSEMBLY GUIDE FOR INSTALLATION INSTRUCTIONS



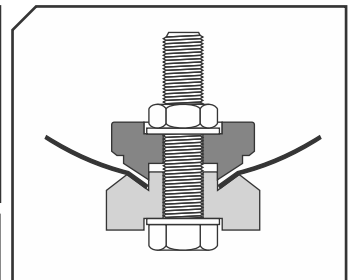
HYDRAULIC SWAGE KIT

THIS KIT IS USED FOR INSTALLATION OF 1", 1-1/2", & 2" FIELD INSTALLED NIPPLES
SEE INSTALLATION AND ASSEMBLY GUIDE FOR INSTALLATION INSTRUCTIONS

| PART NUMBER | QTY | DESCRIPTION |
|-------------|-----|---|
| TPS01 | | MANUAL KIT FOR 1" FIELD INSTALLED NIPPLE |
| TPS02 | | HYDRAULIC KIT FOR 1", 1-1/2", & 2" NIPPLE |

ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

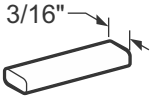
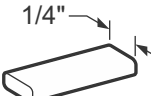
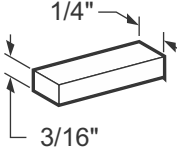

REMARKS:



**COMPANY/
JOB REFERENCE**

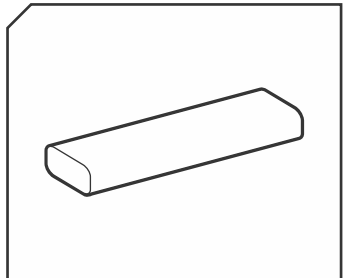
PTFE Gaskets

All duct and fittings include gasket material for installation. Use this order sheet to order just gasket material. When ordering, please round off quantity to the nearest foot.

| FITTING TYPE | PART NUMBER | QTY IN FEET | DESCRIPTION |
|---|---------------|-------------|--|
|  3/16" ROPE GASKET | GAS01* | | FOR 4" - 10" DIA. DUCT |
| * ADHESIVE ON ONE SIDE | | | |
|  1/4" ROPE GASKET | GAS02* | | FOR 12" - 24" DIA. DUCT |
| * ADHESIVE ON ONE SIDE | | | |
|  1/4" x 3/16" ROPE GASKET | GAS03* | | FOR 26" - 120" DIA. ROUND & RECTANGULAR DUCT |
| * ADHESIVE ON ONE SIDE | | | |
|  .01" THK X .75" WIDE TAPE GASKET | GAS09* | | FOR 4" - 14" EZ JOINTS |
| * ADHESIVE ON ONE SIDE | | | |

ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

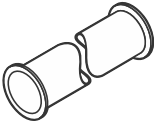
REMARKS:

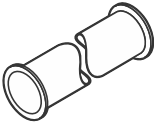


COMPANY/ JOB REFERENCE

EZ Straight Standard & Custom Length

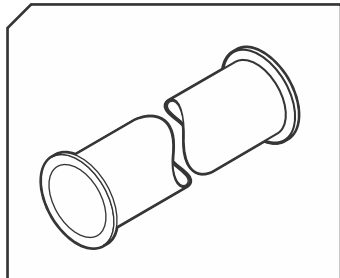
Refer to the catalog for specific details and dimensions.

| FITTING TYPE | FITTING NUMBER | PART NUMBER | QTY | CUSTOM LENGTH | REMARKS |
|---|----------------|--------------|-----|---------------|---------|
|  2" DUCT STANDARD STRAIGHT Standard length is 47.25" | | PZS02 | | | |
| | | PZS02 | | | |
| | | PZS02 | | | |
| | | PZS02 | | | |
| | | PZS02 | | | |
| | | PZS02 | | | |
| | | PZS02 | | | |
| | | PZS02 | | | |

| | | | | | |
|---|--|--------------|--|--|--|
|  3" DUCT STANDARD STRAIGHT Standard length is 47.25" | | PZS03 | | | |
| | | PZS03 | | | |
| | | PZS03 | | | |
| | | PZS03 | | | |
| | | PZS03 | | | |
| | | PZS03 | | | |
| | | PZS03 | | | |
| | | PZS03 | | | |

ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

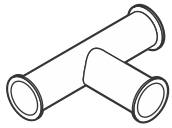
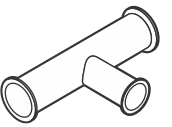
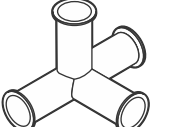
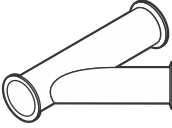
REMARKS:



| | |
|-----------------------------------|--|
| COMPANY/ JOB REFERENCE | |
|-----------------------------------|--|

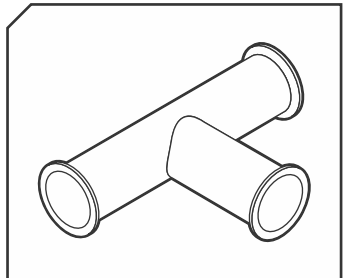
EZ Tees & Laterals

Refer to the catalog for specific details and dimensions.

| FITTING TYPE | FITTING NUMBER | PART NUMBER | QTY | DESCRIPTION |
|---|----------------|--------------|-----|----------------------------------|
|  <p>TEE</p> | | 02T02 | | 2" DIA LINE - 2" DIA TEE |
| | | 03T03 | | 3" DIA LINE - 3" DIA TEE |
| | | | | |
|  <p>REDUCING TEE</p> | | 03T02 | | 3" DIA LINE - 2" DIA TEE |
| | | | | |
| | | | | |
|  <p>DOUBLE TEE</p> | | 2T2T2 | | 2" DOUBLE TEE |
| | | | | |
| | | | | |
|  <p>LATERAL</p> | | 02Y02 | | 2" DIA LINE - 45° 2" DIA LATERAL |
| | | 03Y03 | | 3" DIA LINE - 45° 3" DIA LATERAL |
| | | | | |

ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.




REMARKS:



**COMPANY/
JOB REFERENCE**

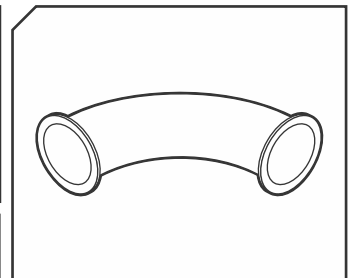
EZ Elbows

Refer to the catalog for specific details and dimensions.

| FITTING TYPE | FITTING NUMBER | PART NUMBER | QTY | DESCRIPTION |
|---|----------------|--------------|-----|------------------|
|  90° ELBOW | | PZE02 | | 2" DIA 90° ELBOW |
| | | PZE03 | | 3" DIA 90° ELBOW |
| | | | | |
|  45° ELBOW | | PZ502 | | 2" DIA 45° ELBOW |
| | | PZ503 | | 3" DIA 45° ELBOW |
| | | | | |
|  30° ELBOW | | PZ302 | | 2" DIA 30° ELBOW |
| | | PZ303 | | 3" DIA 30° ELBOW |
| | | | | |

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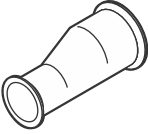
REMARKS:



**COMPANY/
JOB REFERENCE**

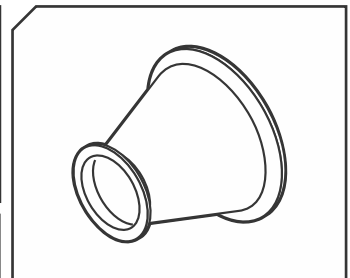
EZ Reducers

Refer to the catalog for specific details and dimensions.

| FITTING TYPE | FITTING NUMBER | PART NUMBER | QTY | DESCRIPTION |
|--|----------------|---------------|-----|----------------------------------|
|  <p>REDUCER CONCENTRIC</p> | | PCA42F | | 4" DIA TO 2" DIA EZ REDUCER |
| | | PCA43F | | 4" DIA TO 3" DIA EZ REDUCER |
| | | PCA32F | | 3" DIA TO 2" DIA EZ REDUCER |
|  <p>REDUCER CONCENTRIC ANGLE RING TO EZ CLAMP</p> | | PCA42R | | 4" DIA RING TO 2" DIA EZ REDUCER |
| | | PCA43R | | 4" DIA RING TO 3" DIA EZ REDUCER |
| | | PCA32R | | 3" DIA RING TO 2" DIA EZ REDUCER |
|  <p>REDUCER ECCENTRIC</p> | | PEA42F | | 4" DIA TO 2" DIA EZ REDUCER |
| | | PEA43F | | 4" DIA TO 3" DIA EZ REDUCER |
| | | PEA32F | | 3" DIA TO 2" DIA EZ REDUCER |

ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.


REMARKS:



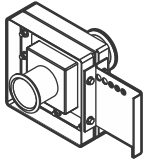
**COMPANY/
JOB REFERENCE**

EZ Damper, Blastgate, Field Flange, End Cap

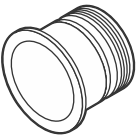
Refer to the catalog for specific details and dimensions.

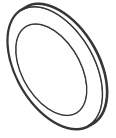
| FITTING TYPE | FITTING NUMBER | PART NUMBER | QTY | DESCRIPTION |
|---|----------------|--------------|-----|----------------------------|
|  DAMPER | | PZD02 | | 2" DIA ISOLATION EZ-DAMPER |
| | | PZD03 | | 3" DIA ISOLATION EZ-DAMPER |
| | | | | |

D3673 KEYED PIN LOCK OPTION

| | | | | |
|--|--|---------------|--|--------------------------------|
|  BLASTGATE | | PZB02 | | 2" DIA HORIZONTAL EZ-BLASTGATE |
| | | PZB03 | | 3" DIA HORIZONTAL EZ-BLASTGATE |
| | | PZB02V | | 2" DIA VERTICAL EZ-BLASTGATE |
| | | PZB03V | | 3" DIA VERTICAL EZ-BLASTGATE |

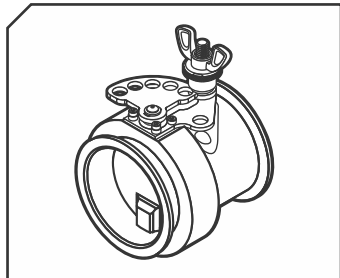
REPLACEMENT FT FLANGE FOR 2" & 3" DIAMETER STRAIGHT DUCT MODIFIED OR CUT TO LENGTH IN THE FIELD, NOT DESIGNED FOR EZ ELBOWS, TEES OR REDUCERS - REFER TO INSTALLATION AND ASSEMBLY GUIDE

| | | | | |
|--|--|--------------|--|-----------------|
|  FIELD INSTALLED STRAIGHT DUCT EZ FLANGE | | HTB02 | | 2" FIELD FLANGE |
| | | HTB03 | | 3" FIELD FLANGE |
| | | | | |

| | | | | |
|--|--|--------------|--|------------|
|  END CAP | | PZC02 | | 2" DIA CAP |
| | | PZC03 | | 3" DIA CAP |
| | | | | |




ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

REMARKS:



COMPANY/ JOB REFERENCE

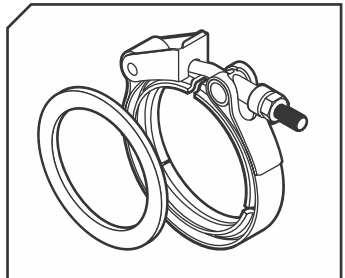
Refer to the catalog for specific details and dimensions.

| FITTING TYPE | FITTING NUMBER | PART NUMBER | QTY | DESCRIPTION |
|---|----------------|----------------|-----|-----------------------------------|
|  <p>CLAMP KIT 2" & 3"</p> | | CL002KT | | 2" CLAMP AND DIE CUT PTFE GASKET |
| | | CL003KT | | 3" CLAMP AND DIE CUT PTFE GASKET |
| | | | | |
|  <p>CLAMP 2" & 3"</p> | | CL002 | | 2" CLAMP (1 PER JOINT) |
| | | CL003 | | 3" CLAMP (1 PER JOINT) |
| | | | | |
|  <p>DIE CUT GASKET 2" & 3"</p> | | GAS11* | | 2" DIE CUT GASKET (1 PER JOINT) |
| | | GAS13* | | 3" DIE CUT GASKET (1 PER JOINT) |
| | | | | |

*ADHESIVE ON ONE SIDE

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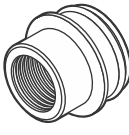
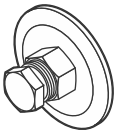
REMARKS:



**COMPANY/
JOB REFERENCE**

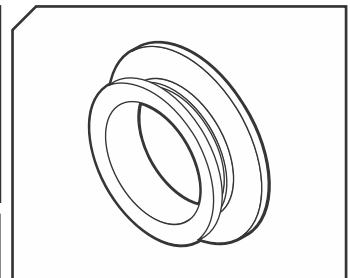
Fab-Tech Flange Adapters

Installation of Welded Fab-Tech Flange can be found on
Straight Duct with Test Port / Drain Order Sheet
 Refer to the catalog for specific details and for fitting dimensions.

| FITTING TYPE | FITTING NUMBER | PART NUMBER | QTY | DESCRIPTION |
|---|----------------|--------------|-----|--|
|  <p>FAB-TECH FLANGE TO KF FLANGE ADAPTER</p> | | FTK25 | | 2" TO 25mm ADAPTER |
| | | FTK40 | | 2" TO 40mm ADAPTER |
| | | FTK50 | | 2" TO 50mm ADAPTER |
|  <p>DWYER PITOT ADAPTER</p> | | FTPT2 | | 2" PITOT ADAPTER |
| | | FTPT3 | | 3" PITOT ADAPTER |
| | | | | |
|  <p>SPRINKLER ADAPTER</p> | | FTSP2 | | 2" SPRINKLER ADAPTER - 1" NPT |
| | | FTSP3 | | 3" SPRINKLER ADAPTER - 1" NPT |
| | | | | |
|  <p>SWAGELOK[®] ADAPTER</p> | | FTS18 | | 2" TO 1/8" SWAGELOK [®] <small>CUSTOM NOT STOCKED</small> |
| | | FTS14 | | 2" TO 1/4" SWAGELOK [®] |
| | | FTS38 | | 2" TO 3/8" SWAGELOK [®] |
| | | FTS12 | | 2" TO 1/2" SWAGELOK [®] |
| | | FTS34 | | 2" TO 3/4" SWAGELOK [®] |

ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

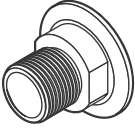
REMARKS:




COMPANY/ JOB REFERENCE

Fab-Tech Flange Adapters

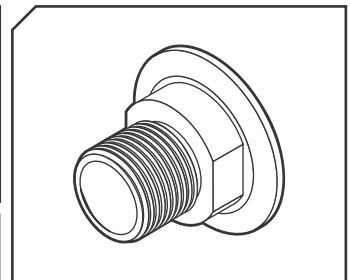
Installation of Welded Fab-Tech Flange can be found on
Straight Duct with Test Port / Drain Order Sheet
 Refer to the catalog for specific details and for fitting dimensions.

| FITTING TYPE | FITTING NUMBER | PART NUMBER | QTY | DESCRIPTION |
|---|----------------|--------------|-----|-------------------------------|
|  NPT NIPPLE ADAPTER | | FTN18 | | 2" FT FLANGE TO 1/8" MALE NPT |
| | | FTN14 | | 2" FT FLANGE TO 1/4" MALE NPT |
| | | FTN38 | | 2" FT FLANGE TO 3/8" MALE NPT |
| | | FTN12 | | 2" FT FLANGE TO 1/2" MALE NPT |
| | | FTN34 | | 2" FT FLANGE TO 3/4" MALE NPT |
| | | FTN01 | | 2" FT FLANGE TO 1" MALE NPT |
| | | FTN15 | | 2" FT FLANGE TO 1.5" MALE NPT |
| | | FTN02 | | 2" FT FLANGE TO 2" MALE NPT |
| | | FTN03 | | 3" FT FLANGE TO 3" MALE NPT |
| | | FTN04 | | 4" PSP-EZ™ TO 4" MALE NPT |

| | | | | |
|--|--|--------------|--|---------------------------------------|
|  NPT FEMALE COUPLER ADAPTER | | FTF18 | | 1/8" NPT COATED ON FLANGE FACE ONLY |
| | | FTF14 | | 1/4" NPT COATED ON FLANGE FACE ONLY |
| | | FTF38 | | 3/8" NPT COATED ON FLANGE FACE ONLY |
| | | FTF12 | | 1/2" NPT COATED ON FLANGE FACE ONLY |
| | | FTF34 | | 3/4" NPT COATED ON FLANGE FACE ONLY |
| | | FTF01 | | 1" NPT COATED ON FLANGE FACE ONLY |
| | | FTF15 | | 1-1/2" NPT COATED ON FLANGE FACE ONLY |
| | | FTF02 | | 2" NPT COATED ON FLANGE FACE ONLY |

ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

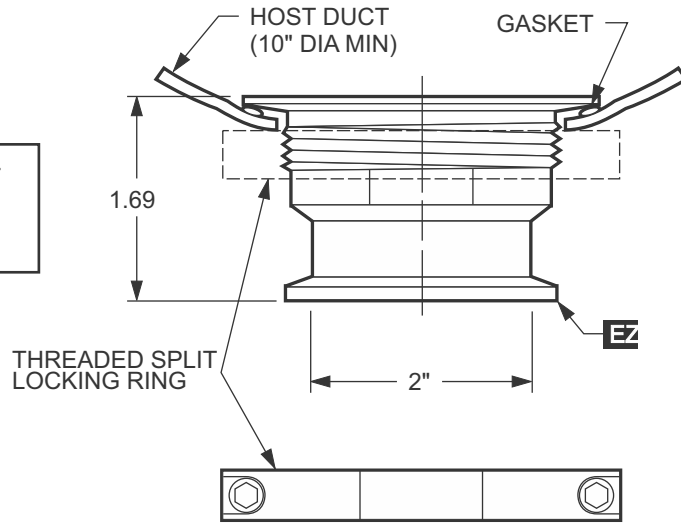
REMARKS:



**COMPANY/
JOB REFERENCE**

Field Installed 2" Fab-Tech Flange

REQUIRES DISASSEMBLY OF DUCT AND SWAGE KIT (PN TPS02) TO INSTALL THIS FITTING



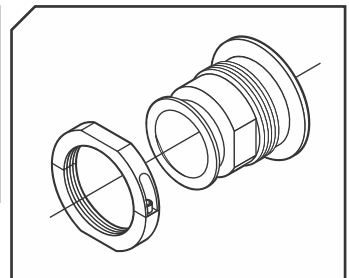
SPECIFICATIONS

► REFER TO INSTALLATION AND ASSEMBLY GUIDE

| FITTING NUMBER | PART NUMBER | QTY | DESCRIPTION |
|----------------|----------------|-----|----------------------------------|
| | FTFL2FI | | 2" DIA FIELD INSTALLED FT FLANGE |

ALL DUCT FITTINGS WITH STANDARD FAB-TECH CONNECTIONS INCLUDE GASKETS AND CLAMPS OR HARDWARE AS REQUIRED FOR INSTALLATION.

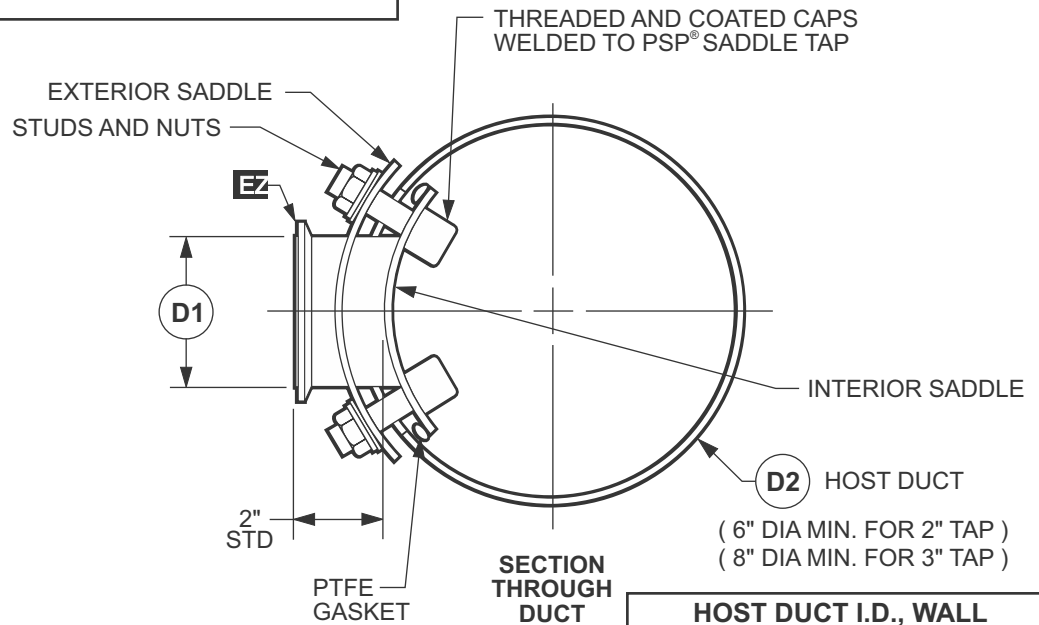
REMARKS:



**COMPANY/
JOB REFERENCE**

Field Installed Fab-Tech Flange Saddle Tap

Fab-Tech's field installed PSP[®] saddle tap will allow a new 2" diameter branch to be installed in a 6" and larger diameter duct or a new 3" diameter branch to be installed in an 8" and larger diameter duct without shutting down the exhaust system.



SPECIFICATIONS

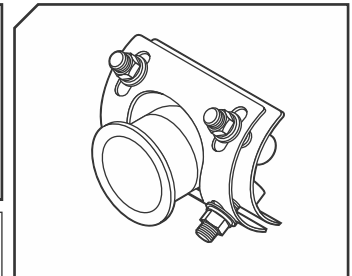
- ▶ AVAILABLE IN 2" & 3" DIAMETER SIZES ONLY ("D1")
- ▶ REFER TO INSTALLATION AND ASSEMBLY GUIDE

HOST DUCT I.D., WALL THICKNESS & MATERIAL TYPE
(REQUIRED INFORMATION)

| FITTING NUMBER | PART NUMBER | QTY | "D2" DUCT DIA. | HOST DUCT I.D., WALL THICKNESS & TYPE | DESCRIPTION |
|----------------|-------------|-----|----------------|---------------------------------------|-------------|
| | PZQ02 | | | | 2" EZ TAP |
| | PZQ03 | | | | 3" EZ TAP |

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REMARKS:

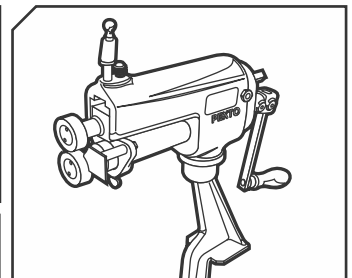


COMPANY/ JOB REFERENCE

| PART NUMBER | QTY | DESCRIPTION |
|---------------------|-----|--|
| WISE2 | | SAW GUIDE FOR CUTTING 2" DUCT |
| WISE3 | | SAW GUIDE FOR CUTTING 3" DUCT |
| PIPE-CUTTER | | RIDGID MODEL S3 HEAVY DUTY PIPE CUTTER |
| D0700 | | CUSTOM PRESSING WHEEL ADAPTER |
| PEXTO | | PEXTO MODEL 622 HAND FLANGER |
| PEXTO DIE | | CUSTOM ROLL FOR PEXTO HAND FLANGER (NOT A SET) |
| EZVGRIP | | EZ PLIERS |
| RKITPSP | | PSP FIELD REPAIR KIT (DIRECTIONS & PSP SHEET ONLY) |
| HEATGUN | | BOSCH 120V HEAT GUN |
| DBLCUT | | MILWAUKEE 120V DOUBLE CUT SHEARS #6850 |
| SPARK-DES | | D.E. STERNS SPARK TESTER |
| VOLT-CONVERT | | VOLTAGE CONVERTER, 220-110, 1000V, 60HZ |
| TPS01 | | MANUAL KIT FOR 1" FIELD INSTALLED NIPPLE |
| TPS02 | | HYDRAULIC KIT FOR 1", 1-1/2", & 2" FIELD INSTALLED NIPPLE AND FOR 2" FIELD INSTALLED FAB-TECH FLANGE |

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REMARKS:



**COMPANY/
JOB REFERENCE**