DUST DUCT CONFIGURATIONS NOTES:

KICE WHITE PAINT IS STANDARD FOR ALL CARBON STEEL

"-NP" PART NUMBER SUFFIX INDICATES NO PAINT

"-P" PART NUMBER SUFFIX INDICATES PAINT (KICE WHITE)

"-SP" PART NUMBER SUFFIX INDICATES SPECIAL PAINT

SEE STANDARD DRAWINGS FOR FLANGE INFORMATION

"-X" PART NUMBER SUFFIX, SEE VANTAGE COMMENTS FOR FLANGE HOLE PATTERNS

SEE SPEED SPOUT MANUAL FOR SMALLER DIAMETERS

CONTACT KICE SALES OR QUICKSHIP FOR SPECIAL ITEMS NOT LISTED

GEN. NOTES:
1. BOLTS NOT FURNISHED WITH DUST DUCT COMPONENTS.
2. COLLARS FOR DUST DUCT ARE DESIGNED TO BE CONNECTED BY DRAW-TYPE COUPLING.
3. FOR FLANGES, REFERENCE ESS-4501.
4. FOR SF FLANGES, CIRCULAR FLANGE INFORMATION IS PER DWG. FLG-1000.
5. FOR SFS FLANGES REFERENCE DWG FLG-1001
6. SQUARE FLANGES; HOLES ON VERTICAL AND HORIZONTAL CENTERLINES.
7. SQUARE FLANGES: ALWAYS CENTER ONE HOLE IN EACH CORNER.
8. SQUARE FLANGES; BOLT HOLE IN CORNER; FIRST BOLT HOLE FROM CORNER TO BE NO LESS THAN 3"; NO GREATER THAN 6" - REMAINING BOLT HOLES ON 6" SPACING.
9. UNLESS OTHERWISE NOTED, ALL DIMENSIONS MEASURE FROM CENTER TO CENTER.
10. UNLESS OTHERWISE NOTED, DUST DUCT COMPONENTS ARE CONSTRUCTED OF 14 GA. MILD STEEL.

<table>
<thead>
<tr>
<th>SQUARE/ RECTANGLE FLANGE SPECIFICATION TABLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLANGE LENGTH</td>
</tr>
<tr>
<td>-----------------</td>
</tr>
<tr>
<td>24” OR LESS</td>
</tr>
<tr>
<td>25” OR GREATER</td>
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REVISIONS

<table>
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<tr>
<th>REV</th>
<th>DESCRIPTION</th>
<th>REV BY</th>
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<tr>
<td>1-0</td>
<td>NEW RELEASE</td>
<td>TJU</td>
<td>07-01-16</td>
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<tr>
<td>2-0</td>
<td>REVISED DIAMETER NOTE ON PG. 3 AND REVISED LENGTH NOTE ON PG. 8 TO CLARIFY SS PART NUMBERING SCOPE</td>
<td>TJU</td>
<td>08-15-16</td>
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<tr>
<td>3-0</td>
<td>E.C.N. #18-023-RO</td>
<td>MRM</td>
<td>08-24-18</td>
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</table>

DUST DUCT CATALOG

DESCRIPTION:
KICE DUCT ELBOWS - ER & EL

ER - B14 - 16 - 90 - SFS - NF

TYPE
ER - SHORT RADIUS
EL - LONG RADIUS
ERV - SHORT RADIUS WITH TURNING VANES
ELV - LONG RADIUS WITH TURNING VANES

MATERIAL
B - CARBON STEEL
S - STAINLESS STEEL
A - ALUMINUM

MATERIAL GAUGE
CARBON STEEL
14 GAUGE (STANDARD)
12 GAUGE

STAINLESS STEEL
14 GAUGE (STANDARD)
12 GAUGE

ALUMINUM
14 GAUGE (STANDARD)
12 GAUGE

DIAMETER (\(\phi \ A\))
\(\phi \ 9" - \phi \ 40"\)
ANYTHING LESS THAN 9" DIAMETER IS PURCHASED (SPEED SPOUT)

ANGLE
45° - 90°

CONNECTION TYPE ON END #1
SFS - KICE SLOTTED FLANGE
SFA - LOOSE KICE ANGLE FLANGE
NF - NO FLANGE
KICE STANDARD: NO FLANGES 0" - 10", FLANGES > 10"

CONNECTION TYPE ON END #2
SFS - KICE SLOTTED FLANGE
SFA - LOOSE KICE ANGLE FLANGE
NF - NO FLANGE
KICE STANDARD: NO FLANGES ≤ 12", FLANGES ≥ 13"

K DIMENSIONS = 5" (WITH OR WITHOUT FLANGES)

ER ELBOW

EL ELBOW

KICE INDUSTRIES, INC.
5500 MILL HEIGHTS DR. WICHITA, KANSAS 67219
PH: (316) 744-7151 FAX: (316) 744-7355
### KICE DUST DUCT BRANCH FITTINGS - BS, BD, YP, YA

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Description</th>
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<tbody>
<tr>
<td>BS</td>
<td>SINGLE BRANCH</td>
</tr>
<tr>
<td>BD</td>
<td>DOUBLE BRANCH</td>
</tr>
<tr>
<td>YP</td>
<td>INLINE BRANCH</td>
</tr>
<tr>
<td>YA</td>
<td>ANGLE BRANCH</td>
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</table>

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>CARBON STEEL</td>
</tr>
<tr>
<td>S</td>
<td>STAINLESS STEEL</td>
</tr>
<tr>
<td>A</td>
<td>ALUMINUM</td>
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<tr>
<th>MATERIAL GAUGE</th>
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<tr>
<td>CARBON STEEL</td>
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</tr>
<tr>
<td>14 GAUGE</td>
<td>(STANDARD)</td>
</tr>
<tr>
<td>12 GAUGE</td>
<td></td>
</tr>
<tr>
<td>STAINLESS STEEL</td>
<td></td>
</tr>
<tr>
<td>14 GAUGE</td>
<td>(STANDARD)</td>
</tr>
<tr>
<td>12 GAUGE</td>
<td></td>
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<tr>
<td>ALUMINUM</td>
<td></td>
</tr>
<tr>
<td>14 GAUGE</td>
<td>(STANDARD)</td>
</tr>
<tr>
<td>12 GAUGE</td>
<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>A DIAMETER</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø 3&quot; - Ø 40&quot;</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>B DIAMETER</th>
<th>Description</th>
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<tr>
<td>Ø 3&quot; - Ø 40&quot;</td>
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<table>
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<th>C DIAMETER</th>
<th>Description</th>
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<table>
<thead>
<tr>
<th>D DIAMETER</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø 9&quot; - Ø 40&quot;</td>
<td></td>
</tr>
</tbody>
</table>

### CONNECTION TYPE ON A, B, C & D ENDS

- SFS - KICE SLOTTED FLANGE
- SFA - LOOSE KICE ANGLE FLANGE
- NF - NO FLANGE

**KICE STANDARD:** NO FLANGES ≤ 12". FLANGES ≥ 13"

NO VAN STONE OPTION ON BRANCH FITTINGS

---

**KICE INDUSTRIES, INC.**

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**DUST DUCT CATALOG**

DESCRIPTION:
KICE DUST DUCT SECTION TAPER - ST

ST - B14 - 13SFS - 15SFS

TYPE
ST - REDUCER (STRAIGHT)

MATERIAL
B - CARBON STEEL
S - STAINLESS STEEL
A - ALUMINUM

MATERIAL GAUGE
CARBON STEEL
14 GAUGE (STANDARD)
12 GAUGE

STAINLESS STEEL
14 GAUGE (STANDARD)
12 GAUGE

ALUMINUM
14 GAUGE (STANDARD)
12 GAUGE

A DIAMETER
φ 7” - φ 20”

B DIAMETER
φ 7” - φ 20”

CONNECTION TYPE ON END A & B
SFS - KICE SLOTTED FLANGE
SFA - LOOSE KICE ANGLE FLANGE
NF - NO FLANGE
KICE STANDARD: NO FLANGES ≤ 12”, FLANGES ≥13”

K DIMENSION = 5”

ST FITTING

DIA. A | C
--- | ---
1 - 5” | 6”
6 - 10” | 12”
11 - 15” | 18”
16 - 20” | 24”
KICE DUST DUCT ROUND TRANSITION - RN, RS

TYPE
- RN - CENTER DISCHARGE
- RS - OFFSET DISCHARGE

MATERIAL
- B - CARBON STEEL
- S - STAINLESS STEEL
- A - ALUMINUM

MATERIAL GAUGE
- CARBON STEEL
  - 14 GAUGE (STANDARD)
  - 12 GAUGE
- STAINLESS STEEL
  - 14 GAUGE (STANDARD)
  - 12 GAUGE
- ALUMINUM
  - 14 GAUGE (STANDARD)
  - 12 GAUGE

DIAMETER (B)
- $\varnothing 3'' - \varnothing 40''$

CONNECTION TYPE ON END
- SFS - KICE SLOTTED FLANGE
- SFA - LOOSE KICE ANGLE FLANGE
- NF - NO FLANGE

KICE STANDARD: NO FLANGES ≤ 12'', FLANGES ≥ 13''

OTHER SUPPLIED DIMENSIONS (A & C)

HOLE (D)
- SH - STANDARD HOLE
- NH - NO HOLE
- AP - AIRLOCK HOLE PATTERN

K DIMENSION = 5''
KICE DUST DUCT TRANSITION - TN, TS, TC

**TYPE**
- TC - CORNER OFFSET DISCHARGE
- TN - CENTER DISCHARGE
- TS - OFFSET DISCHARGE

**MATERIAL**
- B - CARBON STEEL
- S - STAINLESS STEEL
- A - ALUMINUM

**MATERIAL GAUGE**
- CARBON STEEL
  - 14 GAUGE (STANDARD)
  - 12 GAUGE
- STAINLESS STEEL
  - 14 GAUGE (STANDARD)
  - 12 GAUGE
- ALUMINUM
  - 14 GAUGE (STANDARD)
  - 12 GAUGE

**DIAMETER (A)**
- \( \phi 3'' - \phi 40'' \)

**CONNECTION TYPE ON END**
- SFS - KICE SLOTTED FLANGE
- SFA - LOOSE KICE ANGLE FLANGE
- NF - NO FLANGE
  - KICE STANDARD: NO FLANGES \( \leq 12'' \), FLANGES \( \geq 13'' \)

**OTHER SUPPLIED DIMENSIONS (B, C, & D)**

**HOLE (E)**
- SH - STANDARD HOLE (6'' SPACING)
- NH - NO HOLE
- AP - AIRLOCK HOLE PATTERN

**K DIMENSION = 5''**

**TN FITTING**

**TS FITTING**

**TC FITTING**

"B" DIM. LESS THAN OR EQUAL TO (<) "C" DIM.
KICE DUST DUCT STRAIGHT SECTION - SS

**TYPE**
SS - STRAIGHT SECTION

**MATERIAL**
- B - CARBON STEEL
- S - STAINLESS STEEL
- A - ALUMINUM

**MATERIAL GAUGE**
- **CARBON STEEL**
  - 14 GAUGE (STANDARD)
  - 12 GAUGE
- **STAINLESS STEEL**
  - 14 GAUGE (STANDARD)
  - 12 GAUGE
- **ALUMINUM**
  - 14 GAUGE (STANDARD)
  - 12 GAUGE

**DIAMETER (ΦA)**
- Φ9", Φ11", Φ13 - 40'
- REFER TO THE PRICE BOOK FOR OTHER DIAMETERS
- **NOTE:** Φ 10" AND Φ 12" PURCHASED TUBING USES PART NUMBER
  - FORMAT LISTED ABOVE. Φ0 - 8" PURCHASED SPEED SPOUT TUBING USES PURCHASE PART NUMBER

**LENGTH (B)**
- Φ9", ≥ Φ 11" - 120" LENGTH
- Φ9", ≥ Φ 11" - 60" LENGTH
- > Φ 40" - 60" LENGTH
- **NOTE:** 10" AND 12" PURCHASED TUBING USES THE PART NUMBER FORMAT
  - LISTED ABOVE. 0 - 8" PURCHASED SPEED SPOUT TUBING USES NUMBER (20' LENGTH DEFAULT) IF LENGTH IS LESS THAN 20', SPECIFY LENGTH IN INCHES (ex. TUBERD14x5x27.75" CS)

**CONNECTION TYPE ON END #1**
- SFS - KICE SLOTTED FLANGE
- SFA - LOOSE KICE ANGLE FLANGE
- NF - NO FLANGE
- KICE STANDARD: NO FLANGES 0" - 10", FLANGES > 10"

**CONNECTION TYPE ON END #2**
- SFS - KICE SLOTTED FLANGE
- SFA - LOOSE KICE ANGLE FLANGE
- NF - NO FLANGE
- KICE STANDARD: NO FLANGES 0" - 10", FLANGES > 10"

**SS FITTING**
KICE DUST DUCT SUPPORT RING - CR

CR - B - 8 - C

**TYPE**
- CR - SUPPORT RING

**MATERIAL**
- B - CARBON STEEL
- S - STAINLESS STEEL
- A - ALUMINUM

**DIAMETER (D)**
- φ 7" - 25"

**COUPLING NUT** INTERNAL USE ONLY
- 3/8" - 16 x 1-3/4" LENGTH

**GEN NOTES:**
- MATERIAL CONSTRUCTION 7 GAUGE

<table>
<thead>
<tr>
<th>DIA.</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>3&quot; - 12&quot;</td>
<td>1.25&quot;</td>
</tr>
<tr>
<td>13&quot; - 24&quot;</td>
<td>1.5&quot;</td>
</tr>
<tr>
<td>25&quot; - 36&quot;</td>
<td>2&quot;</td>
</tr>
<tr>
<td>&gt;37&quot;</td>
<td>3&quot;</td>
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</tbody>
</table>

CR FITTING

KICE DUST DUCT FREE AIR INLET & CAP - CI, CP

CI - B - 12NF

**TYPE**
- CI - FREE AIR INLET
- CP - CAP

**MATERIAL**
- B - CARBON STEEL
- S - STAINLESS STEEL
- A - ALUMINUM

**DIAMETER (A)**
- φ 6" - 20"

**CONNECTION TYPE ON END**
- SFS - KICE SLOTTED FLANGE
- SFA - LOOSE KICE ANGLE FLANGE
- NF - NO FLANGE
- KICE STANDARD: NO FLANGES ≤ 12", FLANGES ≥ 13"

CI FITTING

CP FITTING
**KICE DUST DUCT ADAPTER - SA**

**TYPE**
SA - STRAIGHT SECTION ADAPTER

**MATERIAL**
- B - CARBON STEEL
- S - STAINLESS STEEL
- A - ALUMINUM

**MATERIAL GAUGE**
- CARBON STEEL
  - 14 GAUGE (STANDARD)
  - 12 GAUGE
- STAINLESS STEEL
  - 14 GAUGE (STANDARD)
  - 12 GAUGE
- ALUMINUM
  - 14 GAUGE (STANDARD)
  - 12 GAUGE

**DIAMETER (Φ A)**
> Φ 10" 

**CONNECTION TYPE ON END**
- SFS - KICE SLOTTED FLANGE
- KICE STANDARD: NO FLANGES 0" - 10", FLANGES > 10"

---

**KICE DUST DUCT COUPLING - CC**

**TYPE**
CC - COUPLING

**MATERIAL**
- B - CARBON STEEL
- S - STAINLESS STEEL

**DIAMETER (Φ A)**
- Φ 13" - 39"

**LENGTH (B)**
- 9.5" (STANDARD FOR Φ ≥ 13")
KICE DUST DUCT INSPECTION DOOR - CD

CD - B - 11

CD FITTING

A

 SF - FLAT FLANGE

SFS - SLOTTED HOLE FLANGE

SFA - ANGLE RING FLANGE

SG - GASKET

KICE 'NON-CONFIGURED' DUST DUCT ITEMS

TYPE
CD - DOOR (DOOR ONLY, NO TUBE SECTION)

MATERIAL
B - CARBON STEEL (14 GA.)
S - STAINLESS STEEL (14 GA.)
A - ALUMINUM (14 GA.)

DIAMETER (Ø A)
Ø 3" - 20"

GEN NOTES:
MATERIAL CONSTRUCTION 14 GAUGE

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