

Clamp Together Ducting From A **Full Service Provider**

# **KELSO Duct** **PRICE LIST**

Price List includes pricing  
on Flanged Ducting.

July 2006 Prices subject to change without notice.  
Prices are only confirmed through specific quote.

NOW AVAILABLE IN  
HEAVY GAUGES



Clamp Together Ducting with the Exclusive  
**'FOREVER' Clamp.**

Guaranteed to never tear, twist, or become unusable.

**KELSO Company, LLC, 1015 Lisburn Road, Wellsville, Pa 17365**

Phone 717-932-9980, Fax 717-932-9985  
[www.kelsocompany.com](http://www.kelsocompany.com)



## DUCT

Dia.	Part #	Galv	SS*
3"	10003	\$ 18.80	call
4"	10004	\$ 18.80	\$59.00
5"	10005	\$ 20.60	\$63.90
6"	10006	\$ 24.70	\$76.50
7"	10007	\$ 30.30	\$94.10
8"	10008	\$ 33.90	\$105.40
9"	10009	\$ 39.60	\$114.10
10"	10010	\$ 43.50	\$122.90
11"	10011	\$ 47.40	\$135.40
12"	10012	\$ 54.30	\$148.00
13"	10013	\$ 61.20	\$169.30
14"	10014	\$ 70.20	\$190.60
15"	10015	\$ 79.30	\$218.20
16"	10016	\$ 83.20	\$247.10
17"	10017	\$ 78.50	\$259.60
18"	10018	\$ 87.30	\$272.10
19"	10019	\$ 96.00	\$299.80
20"	10020	\$104.70	\$326.00
22"	10022	\$116.00	\$361.10

## The FOREVER CLAMP



Dia.	Part #	SS	Spec Gskt
3"	13003	\$ 9.50	Call
4"	13004	\$ 8.40	Call
5"	13005	\$ 8.80	Call
6"	13006	\$ 9.20	Call
7"	13007	\$ 9.70	Call
8"	13008	\$ 9.90	Call
9"	13009	\$ 10.50	Call
10"	13010	\$ 11.10	Call
11"	13011	\$ 11.70	Call
12"	13012	\$ 12.20	Call
13"	13013	\$ 12.80	Call
14"	13014	\$ 13.40	Call
15"	13015	\$ 14.00	Call
16"	13016	\$ 14.50	Call
17"	13017	\$ 14.90	Call
18"	13018	\$ 15.30	Call
19"	13019	\$ 15.60	Call
20"	13020	\$ 15.80	Call
22"	13022	\$ 16.60	Call

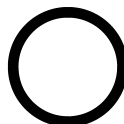
\*\*\* Add "HT" to clamp part number to order High Temp—Other materials are available.

## ADJUSTABLE SLEEVE \*\*



Dia.	Part #	Galv	SS *
3"	11003	\$ 10.60	\$32.60
4"	11004	\$ 10.60	\$32.60
5"	11005	\$ 11.00	\$33.90
6"	11006	\$ 11.20	\$35.10
7"	11007	\$ 13.60	\$42.70
8"	11008	\$ 13.80	\$43.50
9"	11009	\$ 14.50	\$45.10
10"	11010	\$ 14.60	\$47.30
11"	11011	\$ 15.70	\$49.00
12"	11012	\$ 16.70	\$52.70
13"	11013	\$ 19.80	\$61.50
14"	11014	\$ 22.80	\$71.50
15"	11015	\$ 24.40	\$76.50
16"	11016	\$ 26.10	\$81.50
17"	11017	\$ 28.40	\$87.50
18"	11018	\$ 30.50	\$95.30
19"	11019	\$ 33.90	\$105.40
20"	11020	\$ 37.40	\$116.60
22"	11022	\$ 44.20	\$137.90

## ADDITIONAL O-RING\*\*



An O-Ring is included with each sleeve. An additional O-ring must be ordered if needed for adjustment in fittings.

Dia.	Part #	Reg	Hi Tmp***
3"	11103	\$1.80	\$5.10
4"	11104	\$1.80	\$5.10
5"	11105	\$1.80	\$5.40
6"	11106	\$1.90	\$5.80
7"	11107	\$2.70	\$7.70
8"	11108	\$2.70	\$8.30
9"	11109	\$2.90	\$8.70
10"	11110	\$3.00	\$9.30
11"	11111	\$3.30	\$14.50
12"	11112	\$3.30	\$15.40
13"	11113	\$4.50	\$16.30
14"	11114	\$4.50	\$17.20
15"	11115	\$4.50	\$18.20
16"	11116	\$4.50	\$19.10
17"	11117	\$5.00	\$20.10
18"	11118	\$5.00	\$21.00
19"	11119	\$5.00	\$22.00
20"	11120	\$5.00	\$23.10
22"	11122	\$5.10	\$25.20

## 30" ADJUSTABLE SLEEVE & SLEEVE ASSEMBLIES \*\*



**IMPORTANT NOTE:**  
30" sleeves are designed for SPECIAL applications where cutting and fitting is needed to be held at a minimum. The standard sleeve (above) is applicable in 99% of all applications.

\* If using Stainless Steel, add an "SS" to the end of the part #.

Dia.	30" SLEEVE **			SLEEVE ASSEMBLY		
	Part #	Galv	SS*	Part #	Galv	SS
3"	11203	\$75.06	CALL	11303	\$115.80	CALL
4"	11204	\$75.06		11304	\$115.80	
5"	11205	\$82.09		11305	\$125.10	
6"	11206	\$93.63		11306	\$143.70	
7"	11207	\$102.61		11307	\$162.40	
8"	11208	\$110.32		11308	\$175.70	
9"	11209	\$120.56		11309	\$191.70	
10"	11210	\$128.26		11310	\$203.60	
11"	11211	\$142.37		11311	\$226.30	
12"	11212	\$144.93		11312	\$234.30	
13"	11213	\$161.61		11313	\$262.20	
14"	11214	\$164.17		11314	\$272.90	
15"	11215	\$177.00		11315	\$304.80	
16"	11216	\$182.30		11316	\$311.50	
17"	11217	\$198.80		11317	\$340.70	
18"	11218	\$202.65		11318	\$350.10	
19"	11219	\$216.76		11319	\$376.70	
20"	11220	\$227.36		11320	\$387.30	
22"	11222	\$233.43		11322	\$420.60	

**Stitched Welded Halves  
Standard Radius (1.5)**



Dia.	90 deg			45 deg			GA
	Part #	Galv	SS*	Part #	Galv	SS*	
3"	12303.90	\$33.10		12303.45	\$31.80		22
4"	12304.90	\$34.10		12304.45	\$33.00		22
5"	12305.90	\$36.50		12305.45	\$35.00		22
6"	12306.90	\$43.90		12306.45	\$39.60		22
7"	12307.90	\$46.60		12307.45	\$41.30		22
8"	12308.90	\$50.90		12308.45	\$44.50		22
9"	12309.90	\$58.30		12309.45	\$47.70		22
10"	12310.90	\$64.70		12310.45	\$53.00		22
12"	12312.90	\$74.20		12312.45	\$60.40		22

**ELBOWS**



**Tube  
Standard Radius (1.5)**

Dia.	Part #	90 deg		45 deg		GA	
		Galv	SS*	Part #	Galv		SS*
3"	12403.9	\$59.60	\$77.70	12403.45	\$55.00	\$69.70	14
4"	12404.9	\$59.60	\$77.70	12404.45	\$55.00	\$69.70	14
5"	12405.9	\$86.40	\$131.30	12405.45	\$79.30	\$119.60	14
6"	12406.9	\$119.80	\$241.90	12406.45	\$109.90	\$205.80	14
8"	12408.9	\$210.50	\$381.70	12408.45	\$178.20	\$283.90	14

**Tube Long Radius (2.5)**

Dia.	Part #	90 deg		45 deg		GA	
		Galv	SS*	Part #	Galv		SS*
3"	12403.90L	\$62.60	\$83.20	12403.45L	\$57.80	\$73.10	14
4"	12404.90L	\$62.60	\$83.20	12404.45L	\$57.80	\$73.10	14
5"	12405.90L	\$90.70	\$162.10	12405.45L	\$83.30	\$125.50	14
6"	12406.90L	\$119.80	\$265.20	12406.45L	\$115.40	\$208.70	14
8"	12408.90L	\$210.50	\$478.50	12408.45L	\$176.51	\$454.80	14

**Segmented- Standard Radius (1.5)**



Dia.	90 deg			60 deg			45 deg			30 deg			GA
	Part #	Galv	SS*	Part #	Galv	SS*	Part #	Galv	SS*	Part #	Galv	SS*	
7"	12007.90	\$69.30	\$179.50	12007.6	\$57.80	\$179.50	12007.45	\$54.90	\$171.60	12007.3	\$54.90	\$146.50	20
8"	12008.90	\$84.20	\$262.70	12008.6	\$71.70	\$223.10	12008.45	\$59.30	\$184.80	12008.3	\$55.80	\$147.80	20
9"	12009.90	\$87.30	\$271.90	12009.6	\$73.70	\$229.70	12009.45	\$60.40	\$188.80	12009.3	\$57.80	\$153.10	20
10"	12010.90	\$90.90	\$283.80	12010.6	\$82.30	\$256.10	12010.45	\$63.10	\$196.70	12010.3	\$60.40	\$161.00	20
11"	12011.90	\$103.20	\$322.10	12011.6	\$86.00	\$268.00	12011.45	\$64.80	\$202.00	12011.3	\$61.10	\$180.40	18
12"	12012.90	\$115.60	\$360.40	12012.6	\$89.60	\$278.50	12012.45	\$66.40	\$207.20	12012.3	\$61.70	\$190.10	18
13"	12013.90	\$119.10	\$370.90	12013.6	\$96.00	\$299.60	12013.45	\$69.10	\$215.20	12013.3	\$65.00	\$196.70	18
14"	12014.90	\$122.70	\$382.80	12014.6	\$102.50	\$319.40	12014.45	\$71.70	\$223.10	12014.3	\$68.20	\$202.00	18
15"	12015.90	\$124.40	\$386.80	12015.6	\$111.20	\$345.80	12015.45	\$83.80	\$261.40	12015.3	\$72.10	\$224.40	18
16"	12016.90	\$126.00	\$392.00	12016.6	\$119.80	\$373.60	12016.45	\$96.10	\$299.60	12016.3	\$76.10	\$237.60	18
17"	12017.90	\$151.50	\$471.20	12017.6	\$127.80	\$398.60	12017.45	\$103.20	\$322.10	12017.3	\$79.40	\$246.80	18
18"	12018.90	\$177.00	\$551.80	12018.6	\$135.90	\$422.40	12018.45	\$110.60	\$344.50	12018.3	\$82.70	\$257.40	18
19"	12019.90	\$191.90	\$596.60	12019.6	\$155.30	\$483.10	12019.45	\$121.40	\$377.50	12019.3	\$89.70	\$279.80	18
20"	12020.90	\$206.60	\$642.80	12020.6	\$174.80	\$543.80	12020.45	\$132.20	\$411.80	12020.3	\$96.70	\$301.00	18
22"	12022.90	\$265.70	\$827.60	12022.6	\$206.60	\$642.80	12022.45	\$151.60	\$472.60	12022.3	\$110.60	\$344.50	18

**Segmented- Long Radius (2.5)**

Dia.	90 deg			60 deg			45 deg			30 deg			GA
	Part #	Galv	SS*	Part #	Galv	SS*	Part #	Galv	SS*	Part #	Galv	SS*	
7"	12007.90L	\$95.00	\$192.70	12007.60L	\$75.70	\$192.70	12007.45L	\$75.90	\$236.60	12007.30L	\$56.80	\$176.90	20
8"	12008.90L	\$109.00	\$339.20	12008.60L	\$83.80	\$261.40	12008.45L	\$84.70	\$236.60	12008.30L	\$65.70	\$184.80	20
9"	12009.90L	\$113.40	\$353.80	12009.60L	\$90.10	\$279.80	12009.45L	\$90.10	\$279.80	12009.30L	\$69.30	\$195.40	20
10"	12010.90L	\$115.60	\$360.40	12010.60L	\$100.60	\$312.80	12010.45L	\$100.60	\$312.80	12010.30L	\$71.90	\$202.00	20
11"	12011.90L	\$126.00	\$392.00	12011.60L	\$105.00	\$327.40	12011.45L	\$105.00	\$327.40	12011.30L	\$74.50	\$208.60	18
12"	12012.90L	\$136.60	\$425.00	12012.60L	\$109.40	\$340.60	12012.45L	\$109.40	\$340.60	12012.30L	\$77.20	\$211.80	18
13"	12013.90L	\$144.20	\$448.80	12013.60L	\$117.40	\$365.60	12013.45L	\$117.40	\$365.60	12013.30L	\$79.70	\$217.80	18
14"	12014.90L	\$151.60	\$472.60	12014.60L	\$125.30	\$390.70	12014.45L	\$125.30	\$390.70	12014.30L	\$82.30	\$245.10	18
15"	12015.90L	\$194.20	\$604.60	12015.60L	\$135.90	\$422.40	12015.45L	\$135.90	\$422.40	12015.30L	\$86.30	\$268.00	18
16"	12016.90L	\$236.80	\$737.90	12016.60L	\$146.40	\$455.40	12016.45L	\$146.40	\$455.40	12016.30L	\$90.20	\$281.20	18
17"	12017.90L	\$247.60	\$770.90	12017.60L	\$156.20	\$485.80	12017.45L	\$156.20	\$485.80	12017.30L	\$95.60	\$298.30	18
18"	12018.90L	\$258.60	\$805.20	12018.60L	\$165.90	\$516.10	12018.45L	\$165.90	\$516.10	12018.30L	\$101.00	\$314.20	18
19"	12019.90L	\$343.70	\$858.00	12019.60L	\$189.70	\$591.40	12019.45L	\$189.70	\$591.40	12019.30L	\$109.60	\$341.90	18
20"	12020.90L	\$428.90	\$871.20	12020.60L	\$213.60	\$665.30	12020.45L	\$213.60	\$665.30	12020.30L	\$118.30	\$368.30	18
22"	12022.90L	\$436.90	\$1,102.20	12022.60L	\$252.40	\$785.40	12022.45L	\$252.40	\$785.40	12022.30L	\$134.90	\$419.80	18

\* If using Stainless Steel, add "SS" to the end of the part #.

# KELSO DUCT PRICE LIST

## KELSO ELBOWS Pleated/ Non Welded

**KELSO Non-Welded  
Standard Radius (1.5)**



**KELSO- Non welded  
Long Radius (2.5)**

Dia.	90 deg		60 deg		45 deg		GA
	Part #	Galv	Part #	Galv	Part #	Galv	
3"	12103.9	\$20.40	12103.6	\$18.40	12103.45	\$ 13.40	22
4"	12104.9	\$20.80	12104.6	\$19.20	12104.45	\$ 14.40	22
5"	12105.9	\$25.20	12105.6	\$22.40	12105.45	\$ 17.30	22
6"	12106.9	\$28.70	12106.6	\$26.20	12106.45	\$ 19.30	22
7"	12107.9	\$34.80	12107.6	\$30.50	12107.45	\$ 22.30	22
8"	12108.9	\$40.70	12108.6	\$37.60	12108.45	\$ 25.70	22
9"	12109.9	\$57.20	12109.6	\$44.30	12109.45	\$ 32.90	20
10"	12110.9	\$68.80	12110.6	\$52.70	12110.45	\$ 40.20	20
11"	12111.9	\$75.60	12111.6	\$59.60	12111.45	\$ 47.60	20
12"	12112.9	\$82.20	12112.6	\$66.90	12112.45	\$ 54.60	20
13"	12113.9	\$85.20	12113.6	\$74.00	12113.45	\$ 57.80	20
14"	12114.9	\$87.90	12114.6	\$80.90	12114.45	\$ 61.20	20
15"	12115.9	\$91.20	12115.6	\$88.00	12115.45	\$ 64.70	20

Dia.	90 deg		60 deg		45 deg		GA
	Part #	Galv	Part #	Galv	Part #	Galv	
3"	12103.90L	\$ 20.40	12103.60L	\$ 18.80	12103.45L	\$ 13.40	22
4"	12104.90L	\$ 20.80	12104.60L	\$ 19.20	12104.45L	\$ 14.40	22
5"	12105.90L	\$ 25.20	12105.60L	\$ 22.40	12105.45L	\$ 17.30	22
6"	12106.90L	\$ 28.70	12106.60L	\$ 26.20	12106.45L	\$ 19.30	22
7"	12107.90L	\$ 34.80	12107.60L	\$ 30.50	12107.45L	\$ 22.30	22
8"	12108.90L	\$ 40.70	12108.60L	\$ 37.60	12108.45L	\$ 25.70	22
9"	12109.90L	\$ 57.20	12109.60L	\$ 44.30	12109.45L	\$ 32.90	20
10"	12110.90L	\$ 68.80	12110.60L	\$ 52.70	12110.45L	\$ 40.20	20
11"	12111.90L	\$ 75.60	12111.60L	\$ 59.60	12111.45L	\$ 47.60	20
12"	12112.90L	\$ 82.20	12112.60L	\$ 66.90	12112.45L	\$ 54.60	20
13"	12113.90L	\$ 85.20	12113.60L	\$ 74.00	12113.45L	\$ 57.80	20
14"	12114.90L	\$ 87.90	12114.60L	\$ 80.90	12114.45L	\$ 61.20	20
15"	12115.90L	\$ 91.20	12115.60L	\$ 88.00	12115.45L	\$ 64.70	20

## KELSO ELBOWS Pleated/ Welded

**KELSO Welded-  
Standard Radius (1.5)**

Dia.	90 deg		60 deg		45 deg		GA
	Part #	Galv	Part #	Galv	Part #	Galv	
3"	12203.9	\$ 30.40	12203.6	\$ 28.60	12203.45	\$ 21.60	22
4"	12204.9	\$ 31.70	12204.6	\$ 29.30	12204.45	\$ 22.40	22
5"	12205.9	\$ 37.90	12205.6	\$ 33.90	12205.45	\$ 26.80	22
6"	12206.9	\$ 43.00	12206.6	\$ 37.10	12206.45	\$ 29.70	22
7"	12207.9	\$ 51.60	12207.6	\$ 42.80	12207.45	\$ 33.70	22
8"	12208.9	\$ 60.20	12208.6	\$ 49.60	12208.45	\$ 38.70	22
9"	12209.9	\$ 92.90	12209.6	\$ 66.10	12209.45	\$ 58.10	20
10"	12210.9	\$110.50	12210.6	\$ 76.70	12210.45	\$ 61.00	20
11"	12211.9	\$118.50	12211.6	\$ 85.30	12211.45	\$ 70.40	20
12"	12212.9	\$128.60	12212.6	\$ 94.10	12212.45	\$ 79.10	20
13"	12213.9	\$135.70	12213.6	\$106.40	12213.45	\$ 86.10	20
14"	12214.9	\$145.60	12214.6	\$115.20	12214.45	\$ 90.10	20
15"	12215.9	\$155.00	12215.6	\$124.00	12215.45	\$ 94.70	20

**KELSO Welded  
Long Radius (2.5)**

Dia.	90 deg		60 deg		45 deg		GA
	Part #	Galv	Part #	Galv	Part #	Galv	
3"	12203.90L	\$ 30.40	12203.60L	\$ 28.60	12203.45L	\$ 21.60	22
4"	12204.90L	\$ 31.70	12204.60L	\$ 29.30	12204.45L	\$ 22.40	22
5"	12205.90L	\$ 37.90	12205.60L	\$ 33.90	12205.45L	\$ 26.80	22
6"	12206.90L	\$ 43.00	12206.60L	\$ 37.10	12206.45L	\$ 29.70	22
7"	12207.90L	\$ 51.60	12207.60L	\$ 42.80	12207.45L	\$ 33.70	22
8"	12208.90L	\$ 60.20	12208.60L	\$ 49.60	12208.45L	\$ 38.70	22
9"	12209.90L	\$ 92.90	12209.60L	\$ 66.10	12209.45L	\$ 58.10	20
10"	12210.90L	\$110.50	12210.60L	\$ 76.70	12210.45L	\$ 61.00	20
11"	12211.90L	\$118.50	12211.60L	\$ 85.30	12211.45L	\$ 70.40	20
12"	12212.90L	\$128.60	12212.60L	\$ 94.10	12212.45L	\$ 79.10	20
13"	12213.90L	\$135.70	12213.60L	\$ 106.40	12213.45L	\$ 86.10	20
14"	12214.90L	\$145.60	12214.60L	\$ 115.20	12214.45L	\$ 90.10	20
15"	12215.90L	\$144.40	12215.60L	\$ 124.00	12215.45L	\$ 94.70	20

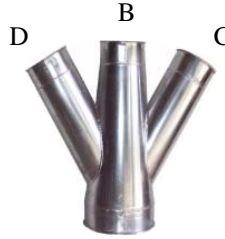
## BRANCHES (Tee on Taper)

## DOUBLE BRANCHES (Tee on Taper)

Dia.	Part # s			Galv	SS *	GA
	30 deg	45 deg	Tee'			
3"	14003.3	14003.45	14303	\$73.70	\$233.60	18
4"	14004.3	14004.45	14304	\$74.90	\$233.60	18
5"	14005.3	14005.45	14305	\$78.80	\$236.60	18
6"	14006.3	14006.45	14306	\$81.40	\$238.90	18
7"	14007.3	14007.45	14307	\$82.70	\$245.50	18
8"	14008.3	14008.45	14308	\$84.70	\$256.10	18
9"	14009.3	14009.45	14309	\$88.50	\$273.10	18
10"	14010.3	14010.45	14310	\$94.60	\$289.10	18
11"	14011.3	14011.45	14311	\$99.70	\$304.90	18
12"	14012.3	14012.45	14312	\$105.00	\$330.00	18
13"	14013.3	14013.45	14313	\$114.30	\$357.70	18
14"	14014.3	14014.45	14314	\$123.40	\$384.10	18
15"	14015.3	14015.45	14315	\$132.50	\$411.80	18
16"	14016.3	14016.45	14316	\$141.80	\$429.00	18
17"	14017.3	14017.45	14317	\$148.10	\$480.50	18
18"	14018.3	14018.45	14318	\$154.30	\$529.30	18
19"	14019.3	14019.45	14319	\$170.00	\$537.20	18
20"	14020.3	14020.45	14320	\$185.80	\$675.80	18
22"	14022.3	14022.45	14322	\$233.60	\$727.30	18



A



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Dia.	Part # s			Galv	SS*	GA
	30 deg	45 deg	Tee'			
3"	14103.3	14103.45	\$93.30	\$294.40	18	
4"	14104.3	14104.45	\$94.60	\$294.00	18	
5"	14105.3	14105.45	\$99.40	\$294.00	18	
6"	14106.3	14106.45	\$103.80	\$307.60	18	
7"	14107.3	14107.45	\$106.70	\$315.50	18	
8"	14108.3	14108.45	\$111.50	\$330.00	18	
9"	14109.3	14109.45	\$117.50	\$345.80	18	
10"	14110.3	14110.45	\$119.50	\$353.80	18	
11"	14111.3	14111.45	\$128.40	\$400.00	18	
12"	14112.3	14112.45	\$137.20	\$406.60	18	
13"	14113.3	14113.45	\$151.30	\$447.50	18	
14"	14114.3	14114.45	\$165.30	\$489.70	18	
15"	14115.3	14115.45	\$174.50	\$516.10	18	
16"	14116.3	14116.45	\$183.80	\$543.80	18	
17"	14117.3	14117.45	\$194.00	\$574.20	18	
18"	14118.3	14118.45	\$204.20	\$604.60	18	
19"	14119.3	14119.45	\$223.40	\$661.30	18	
20"	14120.3	14120.45	\$242.80	\$718.10	18	
22"	14122.3	14122.45	\$279.00	\$825.00	18	



## Y-BRANCHES

Dia.	Part #			Galv	SS
	30 deg	45 deg	Tee'		
4"	14204.3	14204.45	\$94.60	\$294.40	
5"	14205.3	14205.45	\$99.20	\$294.00	
6"	14206.3	14206.45	\$103.80	\$307.60	
7"	14207.3	14207.45	\$106.70	\$315.50	
8"	14208.3	14208.45	\$115.40	\$330.00	
9"	14209.3	14209.45	\$117.10	\$345.80	
10"	14210.3	14210.45	\$119.50	\$353.80	
11"	14211.3	14211.45	\$128.40	\$400.00	
12"	14212.3	14212.45	\$137.20	\$406.60	
13"	14213.3	14213.45	\$151.30	\$447.50	
14"	14214.3	14214.45	\$165.30	\$489.70	
15"	14215.3	14215.45	\$174.50	\$516.10	
16"	14216.3	14216.45	\$183.80	\$543.80	
17"	14217.3	14217.45	\$194.00	\$574.20	
18"	14218.3	14218.45	\$204.20	\$604.60	
19"	14219.3	14219.45	\$223.90	\$661.30	
20"	14220.3	14220.45	\$243.60	\$718.10	
22"	14222.3	14222.45	\$279.00	\$825.00	



## IN-CUTS

Size by the lateral



**IMPORTANT:** When using the adjustable feature of the fitting, order an additional O-ring.

Dia.	Part # s			Galv	SS*
	30 deg	45 deg	T's		
3"	14403.3	14403.45	14503	\$36.90	\$106.90
4"	14404.3	14404.45	14504	\$37.10	\$106.90
5"	14405.3	14405.45	14505	\$38.10	\$109.60
6"	14406.3	14406.45	14506	\$41.10	\$117.50
7"	14407.3	14407.45	14507	\$43.40	\$124.10
8"	14408.3	14408.45	14508	\$45.40	\$129.40
9"	14409.3	14409.45	14509	\$47.20	\$134.60
10"	14410.3	14410.45	14510	\$51.30	\$146.50
11"	14411.3	14411.45	14511	\$53.20	\$153.10
12"	14412.3	14412.45	14512	\$55.20	\$158.40
13"	14413.3	14413.45	14513	\$58.70	\$169.00
14"	14414.3	14414.45	14514	\$62.30	\$179.80
15"	14415.3	14415.45	14515	\$66.30	\$190.10
16"	14416.3	14416.45	14516	\$70.20	\$202.00
17"	14417.3	14417.45	14517	\$74.20	\$212.50
18"	14418.3	14418.45	14518	\$78.10	\$223.10
19"	14419.3	14419.45	14519	\$101.10	\$290.40
20"	14420.3	14420.45	14520	\$124.10	\$356.40
22"	14422.3	14422.45	14522	\$170.70	\$532.00

\* If using Stainless Steel, add an "SS" to the end of the part #.

## CUT-OFFS

Dia.	Part #			Part #	
	FULL	Galv	SS*	HALF	Galv
3"	18003	\$30.70	\$97.90	18103	\$14.80
4"	18004	\$32.00	\$97.90	18104	\$15.30
5"	18005	\$33.40	\$103.40	18105	\$17.00
6"	18006	\$43.80	\$135.30	18106	\$20.90
7"	18007	\$54.20	\$156.20	18107	\$26.60
8"	18008	\$64.10	\$171.60	18108	\$29.00
9"	18009	\$90.20	\$184.80	18109	\$35.80
10"	18010	\$112.80	\$204.60	18110	\$43.20
11"	18011	\$116.00	\$235.40	18111	\$56.80
12"	18012	\$118.30	\$262.90	18112	\$54.30
14"	18014	\$194.50	\$393.80	18114	\$116.40
16"	18016	\$248.00	\$459.80	18116	\$156.20
18"	18018	\$386.80	\$774.40	18118	\$293.10
20"	18020	\$478.80	\$903.20	N/A	
22"	18022	\$522.60	\$1021.90	N/A	



Full

Cut-Offs

Half



Blast Gate



## BLAST GATES-air tight

Dia.	Part #	Galv	SS*	GA
3"	18203	\$273.50	\$361.90	14
4"	18204	\$278.80	\$361.90	14
5"	18205	\$289.90	\$381.70	14
6"	18206	\$315.00	\$427.90	14
7"	18207	\$323.10	\$441.10	14
8"	18208	\$344.00	\$473.00	14
9"	18209	\$355.50	\$495.00	14
10"	18210	\$371.30	\$525.80	14
11"	18211	\$386.90	\$546.70	14
12"	18212	\$401.20	\$569.80	14
13"	18213	\$410.40	\$587.40	14
14"	18214	\$419.70	\$607.20	14
15"	18215	\$432.30	\$639.10	14
16"	18216	\$452.40	\$664.40	14
17"	18217	\$480.90	\$705.10	14
18"	18218	\$515.60	\$771.10	14
19"	18219	\$523.00	\$786.50	14
20"	18220	\$531.90	\$798.60	14
22"	18222	\$561.60	\$862.40	14

## AIR OPERATED AUTOMATIC CUT-OFFS

Dia.	Part #			# of Cyl
	FULL	Galv	SS*	
3"	A18003	\$269.20	Call	1
4"	A18004	\$273.50		1
5"	A18005	\$276.70		1
6"	A18006	\$282.00		1
7"	A18007	\$288.30		1
8"	A18008	\$291.50		1
9"	A18009	\$421.90		2
10"	A18010	\$432.50		2
11"	A18011	\$445.20		2
12"	A18012	\$459.00		2
14"	A18014	\$513.00		2
16"	A18016	\$640.40		2
18"	A18018	\$742.00		2
20"	A18020	\$954.00		2
22"	A18022	\$1033.00		2

Automatic Blast Gate



## BUTTERFLY VALVES

Dia.	Part #	Galv	SS*	GA
3"	19403	\$38.20	\$118.80	24+
4"	19404	\$38.20	\$118.80	24+
5"	19405	\$38.40	\$119.90	24+
6"	19406	\$38.80	\$121.00	24+
7"	19407	\$41.20	\$127.60	22
8"	19408	\$41.40	\$128.70	22
9"	19409	\$42.10	\$132.00	22
10"	19410	\$42.60	\$133.10	22
11"	19411	\$42.70	\$133.10	22
12"	19412	\$44.90	\$139.70	22
13"	19413	\$48.10	\$149.60	20
14"	19414	\$51.30	\$159.50	20
15"	19415	\$53.00	\$165.00	20
16"	19416	\$54.90	\$169.40	20
17"	19417	\$57.20	\$178.20	20
18"	19418	\$59.60	\$184.80	20
19"	19419	\$63.20	\$195.80	20
20"	19420	\$66.90	\$207.90	20
22"	19422	\$74.30	\$231.00	20



SS Cut-offs are cast aluminum bodies and SS blades and collars.

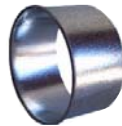
\* If using Stainless Steel, add an "SS" to the end of the part #.



**IMPORTANT:** When using the adjustable feature of the fitting, order an additional O-ring.

## ADAPTERS (To KELSO Rolled Lip)

Dia.	STRAIGHT (non flanged)			FLANGED		
	Part #	Galv	SS*	Part #	Galv	SS*
3"	15003	\$14.30	\$40.70	15103	\$22.80	\$75.20
4"	15004	\$14.30	\$40.70	15104	\$23.30	\$75.20
5"	15005	\$16.00	\$46.20	15105	\$25.10	\$81.50
6"	15006	\$19.50	\$56.10	15106	\$29.40	\$94.10
7"	15007	\$20.20	\$59.40	15107	\$31.10	\$97.80
8"	15008	\$21.80	\$62.70	15108	\$33.50	\$101.50
9"	15009	\$23.10	\$66.00	15109	\$35.30	\$104.10
10"	15010	\$24.50	\$71.50	15110	\$37.30	\$106.60
11"	15011	\$25.30	\$73.70	15111	\$39.50	\$114.10
12"	15012	\$26.10	\$74.80	15112	\$41.60	\$117.90
13"	15013	\$26.90	\$78.10	15113	\$43.60	\$121.70
14"	15014	\$27.70	\$80.30	15114	\$45.40	\$126.60
15"	15015	\$28.20	\$82.50	15115	\$48.10	\$132.90
16"	15016	\$28.90	\$83.60	15116	\$49.80	\$136.70
17"	15017	\$30.40	\$88.00	15117	\$51.70	\$153.00
18"	15018	\$31.90	\$92.40	15118	\$53.80	\$158.00
19"	15019	\$32.50	\$95.70	15119	\$54.90	\$163.00
20"	15020	\$33.00	\$96.90	15120	\$55.40	\$165.60
22"	15022	\$36.30	\$104.50	15122	\$60.20	\$181.80



Straight End



Flanged One End

## HOSE ADAPTERS

Dia.	Part#	Galv	SS*
3"	15203	\$15.70	\$41.80
4"	15204	\$15.70	\$41.80
5"	15205	\$17.40	\$46.20
6"	15206	\$21.20	\$56.10
7"	15207	\$22.20	\$59.40
8"	15208	\$23.70	\$62.70
9"	15209	\$25.20	\$66.00
10"	15210	\$26.70	\$71.50
11"	15211	\$27.60	\$73.70
12"	15212	\$28.50	\$74.80
13"	15213	\$29.40	\$78.10
14"	15214	\$30.10	\$80.30
15"	15215	\$30.70	\$82.50
16"	15216	\$31.60	\$83.60
17"	15217	\$33.20	\$88.00
18"	15218	\$34.90	\$92.40
19"	15219	\$35.50	\$95.70
20"	15220	\$36.00	\$96.80
22"	15222	\$39.50	\$105.60

## REDUCERS

Dia.	Part #	Galv	SS
3"	16003	\$32.90	\$102.30
4"	16004	\$32.90	\$91.30
5"	16005	\$33.50	\$93.50
6"	16006	\$35.20	\$99.00
7"	16007	\$35.50	\$100.10
8"	16008	\$36.00	\$101.20
9"	16009	\$40.80	\$113.30
10"	16010	\$41.40	\$115.50
11"	16011	\$45.20	\$126.50
12"	16012	\$48.90	\$136.40
13"	16013	\$53.50	\$148.50
14"	16014	\$58.30	\$162.80
15"	16015	\$69.30	\$194.70
16"	16016	\$80.30	\$225.50
17"	16017	\$82.00	\$231.00
18"	16018	\$83.80	\$234.30
19"	16019	\$86.40	\$242.00
20"	16020	\$89.00	\$248.60
22"	16022	\$101.50	\$283.80



Price by the large end.

## RECTANGULAR TO ROUND TRANSITIONS

Dia.	Part #	Hemmed		Rect Flange End			GA
		Galv	SS	Part #	Galv	SS	
3"	16103	\$70.40	\$218.90	16203	CALL	CALL	20
4"	16104	\$70.40	\$218.90	16204	CALL	CALL	20
5"	16105	\$73.00	\$226.60	16205	CALL	CALL	20
6"	16106	\$75.70	\$234.30	16206	CALL	CALL	20
7"	16107	\$80.30	\$250.80	16207	CALL	CALL	20
8"	16108	\$84.10	\$260.70	16208	CALL	CALL	20
9"	16109	\$87.00	\$270.60	16209	CALL	CALL	20
10"	16110	\$89.30	\$278.30	16210	CALL	CALL	20
11"	16111	\$90.50	\$281.60	16211	CALL	CALL	20
12"	16112	\$91.70	\$284.90	16212	CALL	CALL	20
13"	16113	\$93.40	\$290.40	16213	CALL	CALL	20
14"	16114	\$95.20	\$294.80	16214	CALL	CALL	20
15"	16115	\$97.40	\$303.60	16215	CALL	CALL	18
16"	16116	\$99.70	\$321.20	16216	CALL	CALL	18
17"	16117	\$100.90	\$313.50	16217	CALL	CALL	18
18"	16118	\$101.90	\$316.80	16218	CALL	CALL	18
19"	16119	\$104.20	\$324.50	16219	CALL	CALL	18
20"	16120	\$106.40	\$331.10	16220	CALL	CALL	18
22"	16122	\$127.20	\$396.00	16222	CALL	CALL	18

SS Cut-offs are cast aluminum bodies and SS blades and collars.

\* If using Stainless Steel, add an "SS" to the end of the part #.



**IMPORTANT:** When using the adjustable feature of the fitting, order an additional O-ring.

## BALL JOINTS

Dia.	Part #	Galv
3"	19303	\$121.30
4"	19304	\$121.30
5"	19305	\$146.90
6"	19306	\$153.20
7"	19307	\$159.20
8"	19308	\$204.50
9"	19309	\$242.40
10"	19310	\$268.30
11"	19311	\$281.70
12"	19312	\$300.10



## FLOOR SWEEPS

Dia.	Part #	Galv	SS*	GA
4"	19004	\$132.50	\$468.60	18
5"	19005	\$139.20	\$492.80	18
6"	19006	\$145.80	\$514.80	18
7"	19007	\$158.80	\$537.90	18
8"	19008	\$166.70	\$563.20	18

## Oil Mist Curbs

Dia.	Part #	Galv
3"	15603	\$121.30
4"	15604	\$121.30
5"	15605	\$146.90
6"	15606	\$153.20
7"	15607	\$159.20
8"	15608	\$204.50
9"	15609	\$242.40
10"	15610	\$268.30
11"	15611	\$281.70
12"	15612	\$300.10



## RADIAL ARM HOODS

Dia.	Part #	Galv	GA
4"	19104	\$145.10	18
5"	19105	\$174.10	18
6"	19106	\$208.20	18



## RUBBER FLEX HOSES

	Black		Clear	
Dia.	Part #		Part #	
2"	18302	\$3.60	18402	\$6.00
2.5"	18302.5	\$4.80	18402.5	\$8.20
3"	18303	\$5.30	18403	\$9.00
4"	18304	\$6.80	18404	\$11.60
5"	18305	\$7.10	18405	\$12.20
6"	18306	\$7.80	18406	\$13.40
7"	18307	\$9.00		
8"	18308	\$10.20	18408	\$17.30
9"	18309	\$12.40		
10"	18310	\$13.00	18410	\$22.20
12"	18312	\$15.60	18412	\$26.60
14"	18314	\$19.40		
16"	18316	\$25.10		
18"	18318	\$29.90		
20"	18320	\$39.80		
24"	18324	\$47.40	18424	\$74.40

## STEEL FLEX HOSES

	RIGID		FLEXIBLE	
Dia.	Part #		Part #	
2"	18502	\$4.20		
2.5"	18502.5	\$5.40		
3"	18503	\$6.40	18603	\$8.10
4"	18504	\$8.40	18604	\$10.60
5"	18505	\$10.50	18605	\$13.10
6"	18506	\$12.80	18606	\$16.20
7"	18507	\$15.20	18607	\$19.10
8"	18508	\$17.10	18608	\$21.50
9"	18509	\$19.10		
10"	18510	\$21.10		
12"	18512	\$25.30		

## HOSE CLAMPS

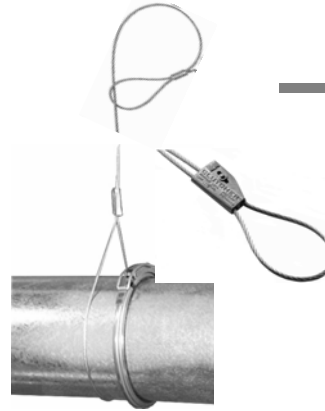
Dia.	Part #	
2"	17202	\$2.50
3"	17203	\$3.40
4"	17204	\$3.70
5"	17205	\$4.80
6"	17206	\$5.00
8"	17208	\$6.30
10"	17210	\$6.70
12"	17212	\$7.40

KELSO Duct offers a full line of flex hose including rasive resistant hose, food grade hose and static dissipative hose. The ones here are the most commonly used for dust collection.

- \*If using Stainless Steel, add an "SS" to the end of the part #.
- + SS guage =22

## SADDLES

Dia.	Part #	Galv	SS*	GA
4"	17004	\$5.40	\$17.20	16
5"	17005	\$6.70	\$22.40	16
6"	17006	\$7.10	\$23.80	16
7"	17007	\$7.30	\$23.80	16
8"	17008	\$7.90	\$26.40	16
9"	17009	\$8.80	\$29.00	16
10"	17010	\$10.40	\$34.30	16
11"	17011	\$11.30	\$37.00	14
12"	17012	\$12.10	\$39.60	14
13"	17013	\$12.60	\$40.90	14
14"	17014	\$13.30	\$43.60	14
15"	17015	\$15.40	\$50.20	14
16"	17016	\$17.50	\$56.80	14
17"	17017	\$18.10	\$59.40	14
18"	17018	\$18.60	\$60.70	14
19"	17019	\$19.50	\$63.40	14
20"	17020	\$20.40	\$66.00	14
22"	17022	\$24.00	\$77.90	14



## KWIK HANGERS

Size	Part #	
#3	17100.3	\$13.90
#4	17100.4	\$26.30
#5	17100.5	\$34.50

**ADDITIONAL HANGING ACCESSORIES:** Threaded Rod, Ceiling Clips, Pig Tail Anchor Bolts, Conduit are also available.

## ENDCAPS

Dia.	CLOSED END			BIRD SCREEN		
	Part #	Galv	SS*	Part #	Galv	SS*
3"	19503	\$8.70	\$24.20	19604	\$17.30	\$36.30
4"	19504	\$8.70	\$27.50	19604	\$17.30	\$36.30
5"	19505	\$9.40	\$29.70	19605	\$18.90	\$39.60
6"	19506	\$10.60	\$35.20	19606	\$21.10	\$42.90
7"	19507	\$12.00	\$39.60	19607	\$24.00	\$46.20
8"	19508	\$12.60	\$39.60	19608	\$25.20	\$49.50
9"	19509	\$13.90	\$46.20	19609	\$27.60	\$52.80
10"	19510	\$14.50	\$46.20	19610	\$28.80	\$55.00
11"	19511	\$14.80	\$47.30	19611	\$29.70	\$56.10
12"	19512	\$15.30	\$49.50	19612	\$30.40	\$57.20
13"	19513	\$15.70	\$50.60	19613	\$31.40	\$59.40
14"	19514	\$16.10	\$52.80	19614	\$32.40	\$60.50
15"	19515	\$16.50	\$53.90	19615	\$33.50	\$61.60
16"	19516	\$17.00	\$53.90	19616	\$33.90	\$63.80
17"	19517	\$17.60	\$56.10	19617	\$35.10	\$66.00
18"	19518	\$18.00	\$57.20	19618	\$36.10	\$68.20
19"	19519	\$18.70	\$59.40	19619	\$37.30	\$71.50
20"	19520	\$19.20	\$60.50	19620	\$38.40	\$77.00
22"	19522	\$19.80	\$63.80	19621	\$39.60	\$85.80



## VIBRATION DAMPENERS

Dia.	Part #	Galv	SS*	GA
4	15404	\$51.90	\$163.00	20
5	15405	\$53.80	\$167.00	20
6	15406	\$59.00	\$184.00	20
7	15407	\$65.40	\$204.00	20
8	15408	\$74.40	\$232.00	20
9	15409	\$78.20	\$243.00	20
10	15410	\$86.00	\$267.00	20
12	15412	\$100.10	\$311.00	20
14	15414	\$114.20	\$355.00	20
16	15416	\$147.60	\$459.00	20
18	15418	\$159.00	\$495.00	20
20	15420	\$186.00	\$579.00	20
22	15422	\$198.90	\$619.00	20
24	15424	\$224.50	\$699.00	20
26	15426	\$263.00	\$818.00	20
28	15428	\$275.80	\$858.00	20
30	15430	\$287.30	\$894.00	20



## BELL MOUTHS

Dia.	Pat #	Galv	SS.	GA
4"	16304	\$38.50	\$120.00	18
5"	16305	\$42.90	\$134.00	18
6"	16306	\$47.30	\$147.00	18
7"	16307	\$49.10	\$153.00	18
8"	16308	\$51.70	\$161.00	18
9"	16309	\$56.30	\$176.00	18
10"	16310	\$59.70	\$186.00	18
11"	16311	\$66.50	\$207.00	18
12"	16312	\$70.30	\$218.00	18
13"	16313	\$74.10	\$230.00	18
14"	16314	\$77.70	\$242.00	18
15"	16315	\$83.70	\$261.00	18
16"	16316	\$86.90	\$271.00	18
17"	16317	\$93.80	\$292.00	18
18"	16318	\$97.70	\$305.00	18
19"	16319	\$103.70	\$322.00	18
20"	16320	\$110.80	\$344.00	18
22"	16322	\$122.00	\$380.00	18

- \*If using Stainless Steel, add an "SS" to the end of the part #.
- + SS guage =22

## IN-LINE BACK BLAST

Dia.	Pat #	Galv	SS.	GA
4"	15504	\$101.30	\$315	18
5"	15505	\$121.90	\$380	18
6"	15506	\$141.10	\$439	18
7"	15507	\$168.00	\$524	18
8"	15508	\$187.30	\$583	18
9"	15509	\$216.80	\$674	18
10"	15510	\$239.90	\$747	18
11"	15511	\$255.20	\$794	18
12"	15512	\$268.10	\$835	18
13"	15513	\$283.40	\$882	18
14"	15514	\$296.30	\$923	18
15"	15515	\$301.50	\$938	18
16"	15516	\$319.40	\$994	18
17"	15517	\$337.30	\$1,051	18
18"	15518	\$359.10	\$1,118	18
19"	15519	\$391.20	\$1,218	16
20"	15520	\$419.40	\$1,306	16
22"	15522	\$481.00	\$1,497	16
24"	15524	\$586.20	\$1,825	16
26"	15526	\$615.60	\$1,916	16
28"	15528	\$641.30	\$1,997	16
30"	15530	\$724.70	\$2,256	16
32"	15532	\$763.20	\$2,376	16
34"	15534	\$801.70	\$2,496	16

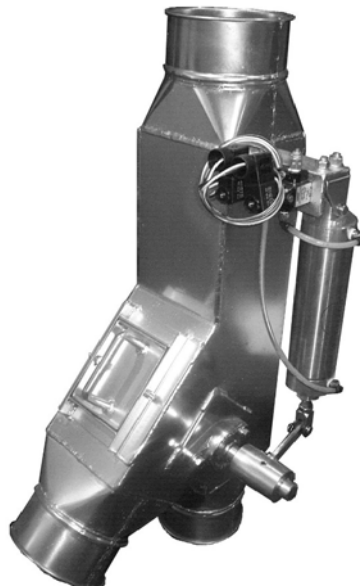


## NO LOSS STACK HEADS

Dia.	Part #	Galv	SS	GA.
4"	19204	\$63.60	\$233	24
5"	19205	\$68.90	\$251	24
6"	19206	\$74.20	\$268	24
7"	19207	\$81.60	\$297	22
8"	19208	\$102.80	\$373	22
9"	19209	\$110.20	\$402	22
10"	19210	\$126.10	\$460	22
11"	19211	\$136.70	\$495	22
12"	19212	\$146.30	\$530	22
13"	19213	\$159.00	\$576	20
14"	19214	\$174.90	\$635	20
15"	19215	\$184.40	\$670	20
16"	19216	\$200.30	\$728	20
17"	19217	\$248.00	\$903	20
18"	19218	\$274.50	\$996	20
19"	19219	\$312.70	\$1,135	20
20"	19220	\$360.40	\$1,310	20
22"	19222	\$400.70	\$1,455	20

## VIEWING SPOOLS

Dia.	Part #	Galv	SS*	GA
4"	17404	\$239	\$347	24
5"	17405	\$252	\$358	24
6"	17406	\$265	\$385	24
7"	17407	\$278	\$402	22
8"	17408	\$302	\$451	22
9"	17409	\$317	\$473	22
10"	17410	\$329	\$539	22
12"	17412	\$403	\$594	22
14"	17413	\$413	\$649	20



## DIVERTER VALVES

Dia.	Manual		Automatic	
	Part #	Galv	Part #	Galv
4"	19704	\$922	19804	\$1,539
5"	19705	\$1,002	19805	\$1,623
6"	19706	\$1,082	19806	\$1,789
7"	19707	\$1,163	19807	\$1,830
8"	19708	\$1,202	19808	\$1,913
9"	19709	\$1,242	19809	\$1,997
10"	19710	\$1,323	19810	\$2,121
11"	19711	\$1,363	19811	\$2,163
12"	19712	\$1,402	19812	\$2,246
13"	19713	\$1,443	19813	\$2,330
14"	19714	\$1,523	19814	\$2,412
15"	19715	\$1,604	19815	\$2,662
16"	19716	\$1,643	19816	\$2,912
17"	19717	\$1,683	19817	\$2,995
18"	19718	\$1,804	19818	\$3,120
19"	19719	\$1,843	19819	\$3,244
20"	19720	\$1,884	19820	\$3,369
22"	19722	\$1,964	19822	\$3,827

## SPECIAL PARTS- (any and ALL)



Call for pricing on your design or have KELSO design it for you.

\* If using Stainless Steel, add an "SS" to the end of the part #.

## FLANGE DUCT (with flange)

Dia.	Part #	Galv	SS*	GA
4"	20004	\$39.40	\$150	24+
5"	20005	\$42.00	\$151	24+
6"	20006	\$44.50	\$165	24+
7"	20007	\$49.60	\$186	22
8"	20008	\$56.00	\$207	22
9"	20009	\$58.50	\$215	22
10"	20010	\$62.30	\$232	22
11"	20011	\$67.40	\$249	22
12"	20012	\$77.60	\$283	22
13"	20013	\$86.50	\$318	20
14"	20014	\$96.70	\$356	20
15"	20015	\$108.10	\$393	20
16"	20016	\$111.90	\$404	20
17"	20017	\$114.50	\$414	20
18"	20018	\$127.20	\$464	20
19"	20019	\$141.20	\$517	20
20"	20020	\$156.50	\$579	20
22"	20022	\$162.80	\$600	20
24"	20024	\$171.70	\$628	18
26"	20026	\$190.80	\$682	18
28"	20028	\$217.50	\$785	18
30"	20030	\$227.70	\$820	18
32"	20032	\$251.90	\$910	18
34"	20034	\$265.80	CALL	18
36"	20036	\$300.20	CALL	18
38"	20038	\$334.50	CALL	18
40"	20040	\$370.20	CALL	18
42"	20042	\$404.50	CALL	16
44"	20044	\$440.10	CALL	16
46"	20046	\$474.50	CALL	16
48"	20048	\$494.80	CALL	16



FLANGED DUCT  
LENGTH = 5'



## FLANGES Individual

Part #	Black Iron	Galv	SS*
23004	Call	\$4.70	\$19.80
23005		\$5.20	\$20.90
23006		\$6.30	\$22.00
23007		\$7.50	\$23.10
23008		\$8.50	\$24.20
23009		\$9.80	\$17.60
23010		\$11.00	\$18.70
23011		\$12.60	\$20.90
23012		\$14.60	\$24.60
23013		\$16.30	\$26.70
23014		\$17.90	\$28.30
23015		\$22.20	\$30.80
23016		\$24.00	\$35.90
23017		\$24.70	\$42.90
23018		\$25.50	\$48.10
23019		\$26.20	\$48.40
23020		\$27.80	\$49.50
23022		\$29.90	\$58.60
23024		\$31.90	\$67.90
23026		\$44.90	\$91.90
23028		\$47.60	\$94.10
23030		\$50.90	\$96.50
23032		\$54.20	\$99.00
23034		\$57.10	\$101.00
23036		\$59.10	CALL
23038		\$61.80	CALL
23040		\$66.40	CALL
23042		\$87.60	CALL
23044		\$91.40	CALL
23046		\$94.70	CALL
23048		\$99.00	CALL

QTY DISCOUNTS AVAILABLE.

## SEGMENTED ELBOW- STANDARD RADIUS

Dia.	90 deg			60 deg			45 deg			30 deg			GA
	Part #	Galv	SS*	Part #	Galv	SS*	Part #	Galv	SS*	Part #	Galv	SS*	
See note for sizes under 24".													
24"	22024.9	\$402.00	\$1,209	22024.6	\$319.20	\$993	22024.45	\$306.60	\$795	22024.3	\$306.60	\$795	18
26"	22026.9	\$468.60	\$1,429	22026.6	\$359.30	\$1,119	22026.45	\$329.20	\$854	22026.3	\$329.20	\$854	18
28"	22028.9	\$575.40	\$1,759	22028.6	\$408.30	\$1,271	22028.45	\$405.80	\$1,053	22028.3	\$405.80	\$1,053	18
30"	22030.9	\$590.40	CALL	22030.6	\$474.90	CALL	22030.45	\$434.60	CALL	22030.3	\$434.60	CALL	16
32"	22032.9	\$742.40	CALL	22032.6	\$550.20	CALL	22032.45	\$481.20	CALL	22032.3	\$481.20	CALL	16

Available in larger sizes. Call for pricing.

- \*If using Stainless Steel, add an "SS" to the end of the part #.
- + SS guage =22



## SEGMENTED ELBOW- LONG RADIUS (2.5)

Dia.	90 deg			60 deg			45 deg			30 deg			GA
	Part #	Galv	SS*	Part #	Galv	SS*	Part #	Galv	SS*	Part #	Galv	SS*	
See note for sizes under 24".													
24"	22024.9L	\$522.80	\$1,595	22024.6L	\$414.70	\$1,290	22024.45L	\$398.10	\$1,239	22024.3L	\$398.10	\$1,239	18
26"	22026.9L	\$609.30	\$1,869	22026.6L	\$466.80	\$1,453	22026.45L	\$427.40	\$1,330	22026.3L	\$427.40	\$1,330	18
28"	22028.9L	\$747.90	\$2,305	22028.6L	\$530.40	\$1,651	22028.45L	\$527.90	\$1,643	22028.3L	\$527.90	\$1,643	18
30"	22030.9L	\$767.00	CALL	22030.6L	\$616.90	CALL	22030.45L	\$564.80	CALL	22030.3L	\$564.80	CALL	16
32"	22032.9L	\$965.40	CALL	22032.6L	\$714.90	CALL	22032.45L	\$625.80	CALL	22032.3L	\$625.80	CALL	16
Available in larger sizes. Call for pricing.													

## KELSO Pleated/Non-Welded Standard Radius (1.5)

Dia.	90 deg		60 deg		45 deg		GA
	Part #	Galv	Part #	Galv	Part #	Galv	
4"	22104.9	\$27.50	22104.6	\$26.00	22104.45	\$21.20	22
5"	22105.9	\$32.30	22105.6	\$29.70	22105.45	\$24.40	22
6"	22106.9	\$37.60	22106.6	\$35.10	22106.45	\$28.20	22
7"	22107.9	\$45.40	22107.6	\$41.30	22107.45	\$33.10	22
8"	22108.9	\$53.30	22108.6	\$50.20	22108.45	\$38.30	22
9"	22109.9	\$71.20	22109.6	\$58.30	22109.45	\$46.90	20
10"	22110.9	\$84.20	22110.6	\$67.90	22110.45	\$55.50	20
11"	22111.9	\$93.70	22111.6	\$77.80	22111.45	\$65.70	20
12"	22112.9	\$103.00	22112.6	\$87.80	22112.45	\$75.50	20
13"	22113.9	\$108.00	22113.6	\$97.50	22113.45	\$81.30	20
14"	22114.9	\$113.80	22114.6	\$106.70	22114.45	\$87.00	20
15"	22115.9	\$121.90	22115.6	\$118.70	22115.45	\$95.30	20



## KELSO Pleated/Non-Welded Long Radius (2.5)

Dia.	90 deg		60 deg		45 deg		GA
	Part #	Galv	Part #	Galv	Part #	Galv	
4"	22104.90L	\$27.50	22104.60L	\$26.00	22104.45L	\$21.20	22
5"	22105.90L	\$32.30	22105.60L	\$29.70	22105.45L	\$24.40	22
6"	22106.90L	\$37.60	22106.60L	\$35.10	22106.45L	\$28.20	22
7"	22107.90L	\$45.40	22107.60L	\$41.30	22107.45L	\$33.10	22
8"	22108.90L	\$53.30	22108.60L	\$50.20	22108.45L	\$38.30	22
9"	22109.90L	\$71.20	22109.60L	\$58.30	22109.45L	\$46.90	20
10"	22110.90L	\$84.20	22110.60L	\$67.90	22110.45L	\$55.50	20
11"	22111.90L	\$93.70	22111.60L	\$77.80	22111.45L	\$65.70	20
12"	22112.90L	\$103.00	22112.60L	\$87.80	22112.45L	\$75.50	20
13"	22113.90L	\$108.00	22113.60L	\$97.50	22113.45L	\$81.30	20
14"	22114.90L	\$113.80	22114.60L	\$106.70	22114.45L	\$87.00	20
15"	22115.90L	\$121.90	22115.60L	\$118.70	22115.45L	\$95.30	20

\* If using Stainless Steel, add "SS" to the end of the part #.

**AVAILABLE IN LARGER SIZES. CALL FOR PRICING.**

NOTE: For parts under 24" use the price of the corresponding part in the KELSO Duct line and add the price of two flanges. To create the part # simply change the first number in the KELSO Duct part # from a '1' to a '2'. This will signify that the part is to be flanged.



### KELSO Pleated/Welded- Standard Radius (1.5)

Dia.	90 deg		60 deg		45 deg		GA
	Part #	Galv	Part #	Galv	Part #	Galv	
4"	22204.9	\$38.40	22204.6	\$36.10	22204.45	\$29.30	22
5"	22205.9	\$45.20	22205.6	\$41.20	22205.45	\$33.90	22
6"	22206.9	\$51.90	22206.6	\$46.00	22206.45	\$38.60	22
7"	22207.9	\$62.40	22207.6	\$53.60	22207.45	\$44.50	22
8"	22208.9	\$72.90	22208.6	\$62.20	22208.45	\$51.30	22
9"	22209.9	\$106.80	22209.6	\$80.10	22209.45	\$72.00	22
10"	22210.9	\$125.70	22210.6	\$92.00	22210.45	\$76.20	20
11"	22211.9	\$136.80	22211.6	\$103.70	22211.45	\$88.50	20
12"	22212.9	\$149.50	22212.6	\$115.00	22212.45	\$100.00	20
13"	22213.9	\$159.20	22213.6	\$130.00	22213.45	\$109.60	20
14"	22214.9	\$171.50	22214.6	\$141.20	22214.45	\$116.00	20
15"	22215.9	\$175.00	22215.6	\$154.80	22215.45	\$125.30	20



### KELSO Pleated/Welded- Long Radius (2.5)

Dia.	90 deg		60 deg		45 deg		GA
	Part #	Galv	Part #	Galv	Part #	Galv	
4"	22204.9L	\$38.40	22204.6L	\$36.10	22204.45L	\$29.30	22
5"	22205.9L	\$45.20	22205.6L	\$41.20	22205.45L	\$33.90	22
6"	22206.9L	\$51.90	22206.6L	\$46.00	22206.45L	\$38.60	22
7"	22207.9L	\$62.40	22207.6L	\$53.60	22207.45L	\$44.50	22
8"	22208.9L	\$72.90	22208.6L	\$62.20	22208.45L	\$51.30	22
9"	22209.9L	\$106.80	22209.6L	\$80.10	22209.45L	\$72.00	20
10"	22210.9L	\$125.70	22210.6L	\$92.00	22210.45L	\$76.20	20
11"	22211.9L	\$136.80	22211.6L	\$103.70	22211.45L	\$88.50	20
12"	22212.9L	\$149.50	22212.6L	\$115.00	22212.45L	\$100.00	20
13"	22213.9L	\$159.20	22213.6L	\$130.00	22213.45L	\$109.60	20
14"	22214.9L	\$171.50	22214.6L	\$141.20	22214.45L	\$116.00	20
15"	22215.9L	\$175.00	22215.6L	\$154.80	22215.45L	\$125.30	20

### BRANCHES (Tee on Taper)

Dia.	Part # s			Galv	SS *	GA
	30 deg	45 deg	Tee'			
See note for sizes under 24".						
24"	24024.3	24024.45	24324	\$319.40	\$828	18
26"	24026.3	24026.45	24326	\$345.90	\$898	18
28"	24028.3	24028.45	24328	\$372.50	\$966	18
30"	24030.3	24030.45	24330	\$399.20	\$1,035	16
32"	24032.3	24032.45	24332	\$425.70	CALL	16

Available in larger sizes. Call for pricing.



### DOUBLE BRANCHES (Tee on Taper)

Dia.	Part # s			Galv	SS*	GA
	30 deg	45 deg				
See note for sizes under 24".						
24"	24124.3	24124.45		\$390.40	\$1,013	18
26"	24126.3	24126.45		\$422.90	\$1,098	18
28"	24128.3	24128.45		\$455.50	\$1,181	18
30"	24130.3	24130.45		\$474.50	\$1,231	16
32"	24132.3	24132.45		\$520.70	CALL	16

Available in larger sizes. Call for pricing.



AVAILABLE IN LARGER SIZES. CALL FOR PRICING.

\* If using Stainless Steel, add an "SS" to the end of the part #.

NOTE: For parts under 24" use the price of the corresponding part in the KELSO Duct line and add the price of two flanges. To create the part # simply change the first number in the KELSO Duct part # from a '1' to a '2'. This will signify that the part is to be flanged.

## Y- BRANCHES Flanged

Dia	Part #		Galv	SS	GA
	30 deg	45 deg			
See note for sizes under 24".					
24"	24224.3	24224.45	\$369.00	\$1,089	18
26"	24226.3	24226.45	\$399.80	\$1,243	18
28"	24228.3	24228.45	\$430.60	\$1,340	18
30"	24230.3	24230.45	\$480.00	CALL	16
32"	24232.3	24232.45	\$522.30	CALL	16
Available in larger sizes. Call for pricing.					



Y-Branch



In-Cuts



## IN-CUTS Flanged



Dia	Part # s			Galv	SS*	GA
	30 deg	45 deg	T's			
See note for sizes under 24".						
24"	24424.3	24424.45	24524	\$209.40	\$435	18
26"	24426.3	24426.45	24526	\$226.90	\$471	18
28"	24428.3	24428.45	24528	\$244.30	\$507	18
30"	24430.3	24430.45	24530	\$261.80	\$542	16
32"	24432.3	24432.45	24532	\$279.20	CALL	16
Available in larger sizes. Call for pricing.						

AVAILABLE IN LARGER SIZES.  
CALL FOR PRICING.

## CUT-OFFS-Flanged

Dia	Part #		Galv	SS*
	Full			
4"	28004		\$37.60	\$102
5"	28005		\$41.30	\$108
6"	28006		\$53.80	\$140
7"	28007		\$66.30	\$172
8"	28008		\$78.20	\$204
9"	28009		\$106.40	\$215
10"	28010		\$121.30	\$233
11"	28011		\$137.90	\$272
12"	28012		\$143.20	\$299
14"	28014		\$226.50	\$421
16"	28016		290.40	\$496
18"	28018		\$431.80	\$795
20"	28020		\$498.60	\$920
22"	28022		\$542.90	\$1,035



Full

Cut-Offs



Blast Gate

## BLAST GATES-Flanged

Dia.	Part #	Galv	SS*	GA
4"	28204	\$279	\$506	14
5"	28205	\$290	\$526	14
6"	28206	\$315	\$572	14
7"	28207	\$323	\$586	14
8"	28208	\$344	\$624	14
9"	28209	\$356	\$645	14
10"	28210	\$371	\$674	14
11"	28211	\$387	\$702	14
12"	28212	\$401	\$728	14
13"	28213	\$410	\$745	14
14"	28214	\$420	\$761	14
15"	28215	\$432	\$784	14
16"	28216	\$452	\$821	14
17"	28217	\$481	\$872	14
18"	28218	\$513	\$932	14
19"	28219	\$523	\$949	14
20"	28220	\$532	\$966	14
22"	28222	\$562	\$1,020	14

\* If using Stainless Steel, add an "SS" to the end of the part #.

NOTE: For parts under 24" use the price of the corresponding part in the KELSO Duct line and add the price of two flanges. To create the part # simply change the first number in the KELSO Duct part # from a '1' to a '2'. This will signify that the part is to be flanged.

**REDUCERS-Flanged**

Dia	Part #	Galv	SS	GA
See note for sizes under 24".				
24"	26024	\$153.80	\$399	18
26"	26026	\$166.60	\$432	18
28"	26028	\$179.40	\$465	18
30"	26030	\$192.20	\$498	16
32"	26032	\$205.00	\$532	16
Available in larger sizes. Call for pricing.				



Reducers are priced by large end.

**RECTANGULAR TO ROUND TRANSITIONS-Flanged\***

		Hemmed		Rect Flange End			
Dia	Part #	Galv	SS	Part #	Galv	SS	GA
See note for sizes under 24".							
24"	26124	\$160.20	\$416	CALL			18
26"	26126	\$245.00	\$636				18
28"	26128	\$320.30	\$831				18
30"	26130	\$402.00	\$1,043				16
32"	26132	\$527.70	\$1,368				16
Available in larger sizes. Call for pricing.							

\*Price given are for non-radical transitions where width and length vary by less than 3".

AVAILABLE IN LARGER SIZES.  
CALL FOR PRICING.

**ALL OTHER COMPONENTS**



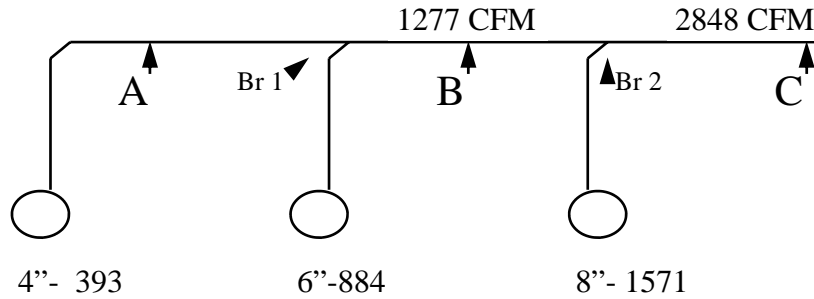
All KELSO Duct components can be fitted with a flange in lieu of a rolled lip. The part numbers are basically the same with the exception that all flanged parts start with a '2' rather than the '1' used for the KELSO Duct.

While KELSO Duct is available from 4" to 22" sizes, flange ducting and components can be fabricated in ALL sizes. And while the price list shows up to 48", much larger capabilities exist.

\* If using Stainless Steel, add an "SS" to the end of the part #.

# Practical Application of Duct Sizing

Once the basics of duct design are understood, the process can be carried through to ANY size duct system. Air losses are so small with the KELSO clamp and components, that no additional allowances need to be made. The following example provides the basics of design. It is based on 4500 FPM.



In this system, we are using openings of 4", 6", and 8". In most systems, the dust portal of the machine is measured and used as a 'given'.

The size of duct 'A' is of course 4" because the CFM in the system is constant until the next branch at which point the 6" line feeds into the system. At this point the collective CFM is 1277. Using the velocity/volume chart we look for 1277 CFM under 4500'/min. However we find that it falls between duct size 7" and 8". By rounding to the nearest number, we find that 7" is the closest number. 'B' is therefore best sized at 7".

Branches, also called 'T on Taper', are sized by the large end and called out by A-B-C.



The branch 'BR 1' is therefore a 7" branch, tapering to a 4", with a 6" lateral. This is listed as a 7-4-6.

Continuing on the 8" line feed into the 7" line (B) and the collective CFM is now 2848. Referring to the chart, the best selection for 'C' is an 11" duct and the branch (Br2) is called out by 11-7-8.

Using the same process, any size system can now be sized by just adding the collective CFM and using the chart. Even if you have multiple branches as for example a 18" and a 22" branch running coming together. The total CFM would be app. 19838. This then would require a combined duct size of 28". See chart.

**VOLUME-VELOCITY TABLE IN STD. CFM.**

Dia.	3000'/min	3500'/min	4000'/min	4500'/min	Dia.	3000'/min	3500'/min	4000'/min	4500'/min
2"	65	76	87	98	23"	8659	10102	11545	12988
3"	147	172	196	221	24"	9428	10999	12571	14142
4"	262	306	349	393	25"	10230	11935	13640	15345
5"	409	477	546	614	26"	11065	12909	14753	16597
6"	589	687	786	884	27"	11932	13921	15910	17899
7"	802	936	1069	1203	28"	12833	14971	17110	19249
8"	1048	1222	1397	1571	29"	13766	16060	18354	20649
9"	1326	1547	1768	1989	30"	14731	17187	19642	22097
10"	1637	1910	2182	2455	31"	15730	18352	20973	23595
11"	1981	2311	2641	2971	32"	16761	19555	22348	25142
12"	2357	2750	3143	3536	33"	17825	20796	23767	26738
13"	2766	3227	3688	4149	34"	18922	22075	25229	28383
14"	3208	3743	4278	4812	35"	20051	23393	26735	30077
15"	3683	4297	4910	5524	36"	21213	24749	28284	31820
16"	4190	4889	5587	6285	38"	23636	27575	31514	35454
17"	4730	5519	6307	7096	40"	26189	30554	34919	39284
18"	5303	6187	7071	7955	42"	28874	33686	38498	43310
19"	5909	6894	7879	8863	44"	31689	36970	42252	47533
20"	6547	7639	8730	9821	46"	34635	40408	46180	51953
21"	7218	8421	9625	10828	48"	37712	43998	50283	56569
22"	7922	9243	10563	11883					

PIPE	ADJ SLEEVE	ELBOWS					KELSO ELBOWS					CLAMP	Sngl BR.	Dbl. BR.	Y- BRNC H	T- BRNC H	IN-CUT ADPT	RE- DUCER	REC- TO ROUD	HOO D	MANI- FOLD	IBLAST GATE	HOSE	HOS E ADAP TER			
		90	60	45	30	90	60	45	30																		
4"																											
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Indicate here if you desire welded Elbows.

Your Name: \_\_\_\_\_  
 Company Name: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_

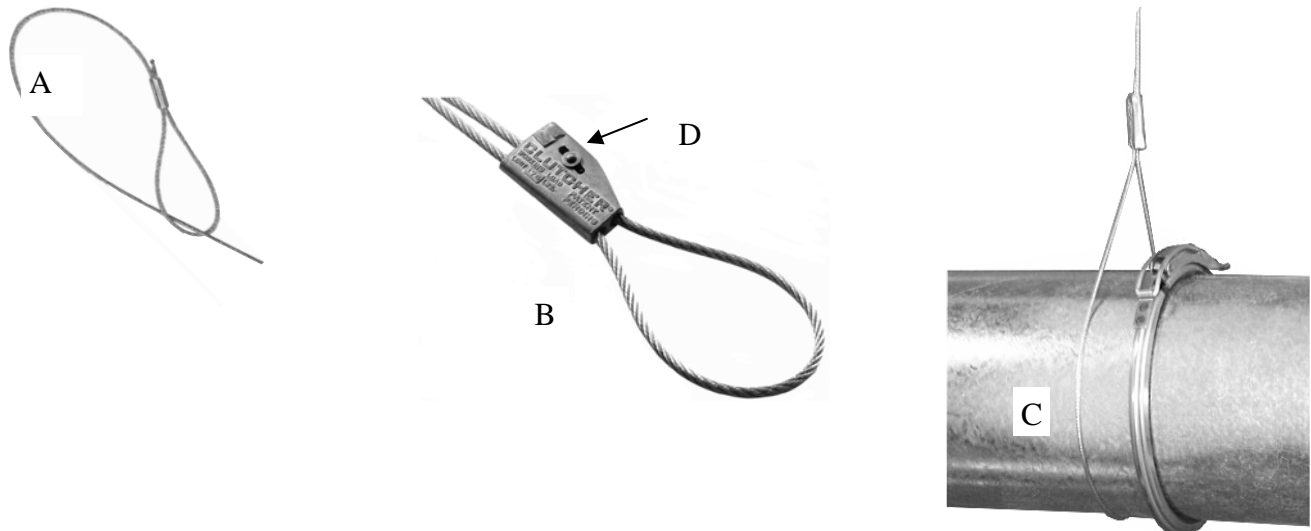
## KEY DUCT INSTALLATION TIPS

**ESTABLISH A STAGING AREA** where all parts can be laid out in the order of assembly. Each shipment has the part # and the box that the part is in to assist you in locating the parts. It is recommended that you stage the drops separately and as close to the drop locations as possible.

**ESTABLISH THE ‘LINE’ OF TRAVEL.** You need to establish a straight line by which to install your various lines. You may use an existing beam or you may want to ‘pull’ a string as your straight line to insure that you are staying straight throughout your installation. Installations can begin at the fan end or the at the ‘pick-ups’. However final adjustments are easier on the pick-ups and larger jobs are easier if installation starts from the fan forward. Either way, you need a pre-established ‘line’ to follow.

**LOCATE AND INSTALL TEMPORARY HANGERS** that will support the duct during the installation process. Hangers can be added and moved as duct is installed, but hangers will be needed during the installation to support the duct. If using the cable hangers—see the instructions in the catalog/price list. If using a rod attached to saddles, you will want to have the saddles attached to the rod , ready to receive the duct.

**IF USING ‘K-WICK’ CABLE HANGERS**— then refer to illustration below. Figure A represents the forming of a loop around a beam or other object from which the duct will be suspended. Figure B and C illustrate the way the cable goes through the ‘clutcher’ around the duct and back through the ‘clutcher’. To release ‘clutcher’ slide the thumb tab (D) in the direction indicated.

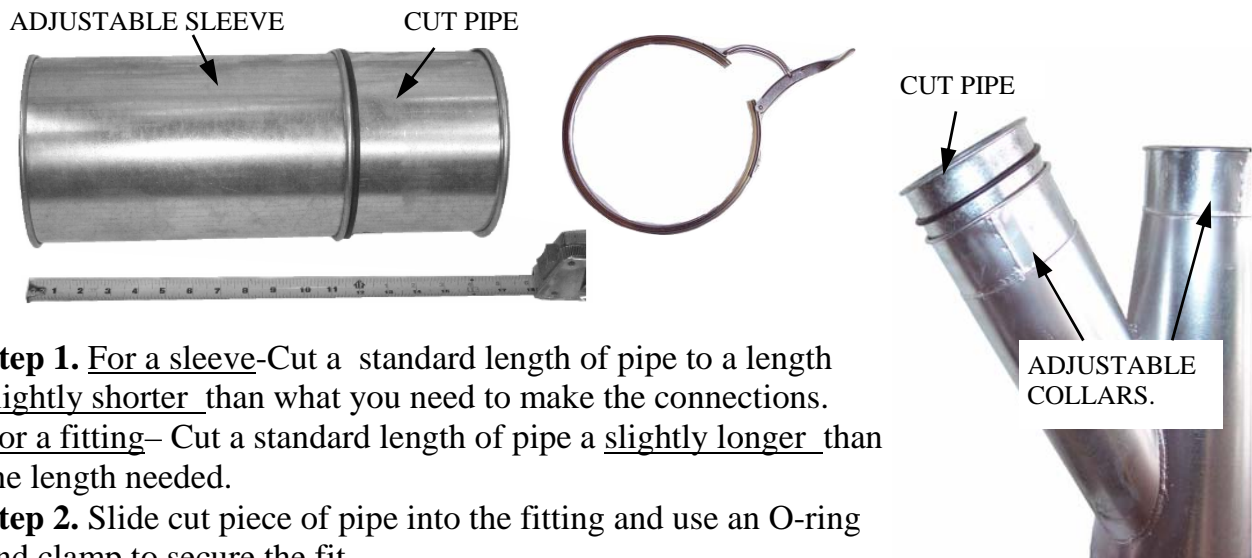


**CLAMP TOGETHER STRAIGHT RUNS ON THE FLOOR.**— but limit the lengths to a manageable number of pieces. Remember that the longer the duct the harder it is to maneuver and the more hangers you will need.

**ALWAYS INSTALL CLEVIS PIN IN CLAMP** as soon as it is latched. This is especially important during installation so as to avoid accidental unclamping.

## SO DUCT INSTALLATION TIPS (con't)

**FIT TO LENGTH** where necessary. The duct is 5' long and of course must be cut/fitted to address shorter needs. An adjustable sleeve is incorporated in the system and provides for infinite adjustment of lengths 12" to app 5' 10". Shorter (1"-11") incremental adjustments can be achieved using the adjustment capability of the collars on the end of the various fittings.



**Step 1.** For a sleeve-Cut a standard length of pipe to a length slightly shorter than what you need to make the connections.

For a fitting- Cut a standard length of pipe a slightly longer than the length needed.

**Step 2.** Slide cut piece of pipe into the fitting and use an O-ring and clamp to secure the fit.

**FINAL CONNECTIONS TO MACHINES/DUST PORTS/ETC.** is often best accomplished using flex hose. While hard ducting to the port is often preferred, the flex hose provides a great deal of 'forgiveness' in the hook-up. Simply clamp your hose adapter to the end of the duct and a machine adapter to the port. Then slide the flex hose over the end and clamp with a worm clamp.

### NOTE:

**MIST INSTALLATIONS** require that the duct and clamps of horizontal runs be installed with the seams and clamp handles are on the top of the duct. Adjustable sleeves (usually installed with respect to air flow) must be installed with respect to 'drainage'. For example: In a vertical drop, the sleeve should be at the bottom of the assembly with the cut end of the pipe facing down. Special gasketing in the clamps is also an important consideration. Make sure that the clamps are fitted with appropriate material. Heavy applications can be further secured with silicone or other sealants.

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