

Galvanized Pipe

Standard pipe is 16 gauge galvanized construction. Standard lengths are five feet and 20 feet. Heavier gauges are also available.

Angle rings are needed to secure connections.

See pages 9-10.

<i>Diameter</i>	<i>Gauge</i>	<i>Part # 5 ft. length</i>	<i>Part # 20 ft. length</i>
4"	16	100-04-5	100-04-20
5"	16	100-05-5	100-05-20
6"	16	100-06-5	100-06-20
7"	16	100-07-5	100-07-20
8"	16	100-08-5	100-08-20
9"	16	100-09-5	100-09-20
10"	16	100-10-5	100-10-20
12"	16	100-12-5	100-12-20
14"	16	100-14-5	100-14-20
16"	16	100-16-5	100-16-20
18"	16	100-18-5	100-18-20
20"	16	100-20-5	100-20-20
22"	16	100-22-5	100-22-20
24"	16	100-24-5	100-24-20
26"	16	100-26-5	100-26-20
28"	16	100-28-5	100-28-20
30"	16	100-30-5	100-30-20



Galvanized Tube Elbows

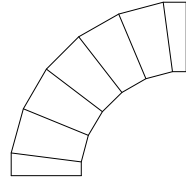
Standard elbows are 14 & 16 gauge galvanized construction. The standard centerline radius is 2-1/2 times the elbow diameter.



<i>Dia.</i>	<i>Degree</i>	<i>Centerline Radius</i>	<i>Part #</i>
4"	90	10"	310-90-04
4"	45	10"	310-45-04
5"	90	12-1/2"	310-90-05
5"	45	12-1/2"	310-45-05
6"	90	15"	310-90-06
6"	45	15"	310-45-06

Galvanized Segmented Elbows

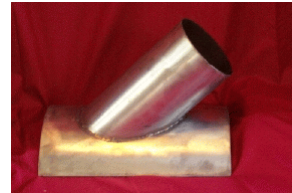
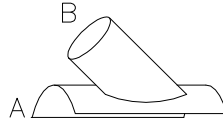
Standard elbows are 12 gauge galvanized steel construction. The standard centerline radius is two times the elbow diameter. Also available in 16, 14, and 10 gauge construction. Angle rings are needed to secure connections. See pages 9-10.



<i>Dia.</i>	<i>Degree</i>	<i>Centerline Radius</i>	<i>Part #</i>
6"	90	12"	300-90-06
6"	45	12"	300-45-06
7"	90	14"	300-90-07
7"	45	14"	300-45-07
8"	90	16"	300-90-08
8"	45	16"	300-45-08
9"	90	18"	300-90-09
9"	45	18"	300-45-09
10"	90	20"	300-90-10
10"	45	20"	300-45-10
12"	90	24"	300-90-12
12"	45	24"	300-45-12
14"	90	28"	300-90-14
14"	45	28"	300-45-14
16"	90	32"	300-90-16
16"	45	32"	300-45-16
18"	90	36"	300-90-18
18"	45	36"	300-45-18
20"	90	40"	300-90-20
20"	45	40"	300-45-20
22"	90	44"	300-90-22
22"	45	44"	300-45-22
24"	90	48"	300-90-24
24"	45	48"	300-45-24
26"	90	52"	300-90-26
26"	45	52"	300-45-26
28"	90	56"	300-90-28
28"	45	56"	300-45-28
30"	90	60"	300-90-30
30"	45	60"	300-45-30

45 Degree Saddle Tee

This fitting is for tying a new line into existing duct-work. Simply cut hole and pop rivet or bolt saddle onto existing line. Sixteen gauge galvanized construction.

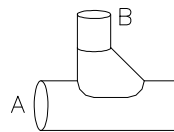


When ordering, specify dimensions A - B.

Dia. (A)	Part #	Dia. (A)	Part #
3"	500-03	10"	500-10
4"	500-04	12"	500-12
5"	500-05	14"	500-14
6"	500-06	16"	500-16
7"	500-07	18"	500-18
8"	500-08	20"	500-20
9"	500-09	22"	500-22
		24"	500-24

Boot Tee

This is an efficient fitting for a 90 degree tie-in to a pipe.



When ordering, specify dimensions A - B.

Dia. (A)	Part #	Dia. (A)	Part #	Dia. (A)	Part #
3"	600-03	9"	600-09	20"	600-20
4"	600-04	10"	600-10	22"	600-22
5"	600-05	12"	600-12	24"	600-24
6"	600-06	14"	600-14	26"	600-26
7"	600-07	16"	600-16	28"	600-28
8"	600-08	18"	600-18	30"	600-30

Floorsweep

Located near a woodworking machine to facilitate clean-up during down time.



Pipe Dia.	Part #	Pipe Dia.	Part #
4"	1000-04	8"	1000-08
5"	1000-05	9"	1000-09
6"	1000-06	10"	1000-10
7"	1000-07		

Heavy Duty Reducer

For use where duct requires reduction in size. Collars are included to allow for angle ring connection. Sixteen gauge galvanized steel is standard construction. Heavier gauges are available.

When ordering, specify dimensions A-B.

$C = A - B + 8''$ (9'' Minimum)

Collars are 2-1/2" long each.

<i>Dia. (A)</i>	<i>Part #</i>	<i>Dia. (A)</i>	<i>Part #</i>
4"	900-04	14"	900-14
5"	900-05	16"	900-16
6"	900-06	18"	900-18
7"	900-07	20"	900-20
8"	900-08	22"	900-22
9"	900-09	24"	900-24
10"	900-10	26"	900-26
12"	900-12	28"	900-28
		30"	900-30



Heavy Duty Pipe Hangers

One hanger required for every 20 ft. of duct.

<i>Pipe Dia.</i>	<i>Part #:</i>	<i>Pipe Dia.</i>	<i>Part #</i>
3"	700-03	14"	700-14
4"	700-04	16"	700-16
5"	700-05	18"	700-18
6"	700-06	20"	700-20
7"	700-07	22"	700-22
8"	700-08	24"	700-24
9"	700-09	26"	700-26
10"	700-10	28"	700-28
12"	700-12	30"	700-30



Hanger Strapping

For use with Heavy Duty Pipe Hanger.

Hanger strap is 1/8" x 1" flat bar - 10'-0" long.

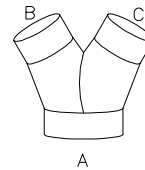
Part # STRAP

Taper Tee

An efficient dust or fume removal system requires lateral branches to connect to main pipe on an angle of at least 45 degrees. Thirty degree laterals are also available where dust loading is high or higher efficiency is required. Pricing is for standard gauge fittings; custom tees and/or heavier gauges can be fabricated to your specifications. Priced by largest diameter.

When ordering, specify dimensions A - B - C.

Dia. (A)	Part # 30 Degree Lateral	Part # 45 Degree Lateral	Gauge
4"	400-04-30	400-04-45	16
5"	400-05-30	400-05-45	16
6"	400-06-30	400-06-45	16
7"	400-07-30	400-07-45	16
8"	400-08-30	400-08-45	14
9"	400-09-30	400-09-45	14
10"	400-10-30	400-10-45	14
12"	400-12-30	400-12-45	14
14"	400-14-30	400-14-45	14
16"	400-16-30	400-16-45	14
18"	400-18-30	400-18-45	14
20"	400-20-30	400-20-45	14
22"	400-22-30	400-22-45	14
24"	400-24-30	400-24-45	14
26"	400-26-30	400-26-45	14
28"	400-28-30	400-28-45	14
30"	400-30-30	400-30-45	14



Y-Branch

Efficient equal spread fitting for dust removal system. Thirty degree legs each way. Pricing is for standard gauge. Heavier gauges are also available. Priced by largest diameter.

When ordering, specify dimensions A - B - C.

Dia. (A)	Part #	Gauge	Dia. (A)	Part #	Gauge
4	410-04	16	16	410-16	14
5	410-05	16	18	410-18	14
6	410-06	16	20	410-20	14
7	410-07	16	22	410-22	14
8	410-08	14	24	410-24	14
9	410-09	14	26	410-26	14
10	410-10	14	28	410-28	14
12	410-12	14	30	410-30	14
14	410-14	14			

Flexible Hose

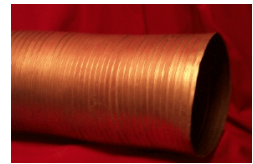
Durable urethane, wire reinforced hose for material handling or air handling situations. Smooth interior. Available in 25 ft. lengths.

<i>Dia.</i>	<i>Part #</i>	<i>Dia.</i>	<i>Part #</i>
3"	1200-03	12"	1200-12
4"	1200-04	14"	1200-14
5"	1200-05	16"	1200-16
6"	1200-06	18"	1200-18
8"	1200-08	20"	1200-20
9"	1200-09	22"	1200-22
10"	1200-10	24"	1200-24

Metal Flexible Hose

Galvanized interlocking metal hose. Flexibility with strength. Available in 25 ft. lengths.

<i>Dia.</i>	<i>Part #</i>	<i>Dia.</i>	<i>Part #</i>
3"	1300-03	8"	1300-08
4"	1300-04	10"	1300-10
5"	1300-05	12"	1300-12
6"	1300-06		



Flex Hose Connector

For connecting flexible hose to a machine or splicing two pieces of flexible hose together.

<i>Dia.</i>	<i>Part #</i>	<i>Dia.</i>	<i>Part #</i>
3"	1100-03	8"	1100-08
4"	1100-04	10"	1100-10
5"	1100-05	12"	1100-12
6"	1100-06		



Stainless Steel Hose Clamps

For use with flexible hose to fasten to flex hose connector.

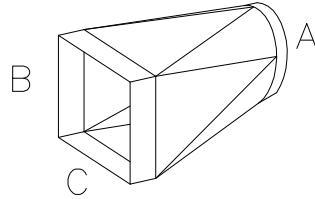
<i>Dia.</i>	<i>Part #</i>	<i>Dia.</i>	<i>Part #</i>
3"	1400-03	8"	1400-08
4"	1400-04	10"	1400-10
5"	1400-05	12"	1400-12
6"	1400-06		



Heavy Duty Transitions

For use where duct requires transition from rectangular to round. Collars are included for angle ring connection. Sixteen gauge galvanized is standard. Heavier gauges are available.

Price for a transition is fitting with rectangular end area approximately equal to round end area.



When ordering, specify dimensions A - B - C.
 Note: Length equals A dimension plus 5 inches.

Dia. (A)	Part #	Dia. (A)	Part #
4"	1500-04	16"	1500-16
5"	1500-05	18"	1500-18
6"	1500-06	20"	1500-20
7"	1500-07	22"	1500-22
8"	1500-08	24"	1500-24
9"	1500-09	26"	1500-26
10"	1500-10	28"	1500-28
12"	1500-12	30"	1500-30
14"	1500-14		



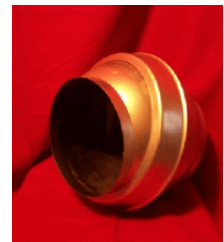
Radial Saw Hood

Hood is designed to install behind saw blade.
 Round outlet is 5 inch diameter.

Part # 2100-05

Ball Joint

For connecting pipe to a pipe that require rotation, such as a dust hood.
 Galvanized steel construction.



Pipe Dia.	Part #	Pipe Dia.	Part #
4"	800-04	8"	800-08
5"	800-05	10"	800-10
6"	800-06	12"	800-12
7"	800-07	14"	800-14

Flange Blind

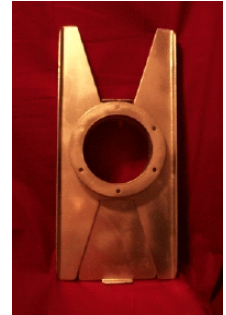
Fits on angle flange to cap off end of pipe.

<i>Fits Angle Flange Dia.</i>	<i>Part #</i>	<i>Fits Angle Flange Dia.</i>	<i>Part #</i>
3"	2000-03	14"	2000-14
4"	2000-04	16"	2000-16
5"	2000-05	18"	2000-18
6"	2000-06	20"	2000-20
7"	2000-07	22"	2000-22
8"	2000-08	24"	2000-24
9"	2000-09	26"	2000-26
10"	2000-10	28"	2000-28
12"	2000-12	30"	2000-30

Fabricated Heavy Duty Blast Gate

Extra heavy duty blast gate with flanged connections for the toughest conditions.

<i>Pipe Dia.</i>	<i>Part #</i>	<i>Pipe Dia.</i>	<i>Part #</i>
4"	1600-04	16"	1600-16
5"	1600-05	18"	1600-18
6"	1600-06	20"	1600-20
7"	1600-07	22"	1600-22
8"	1600-08	24"	1600-24
9"	1600-09	26"	1600-26
10"	1600-10	28"	1600-28
12"	1600-12	30"	1600-30
14"	1600-14		



Half Gates

Half gates are inexpensive and easy to install in existing ductwork. For use in light to medium duty application

<i>Dia.</i>	<i>Part #</i>	<i>Dia.</i>	<i>Part #</i>
3"	1700-03	8"	1700-08
4"	1700-04	9"	1700-09
5"	1700-05	10"	1700-10
6"	1700-06	12"	1700-12
7"	1700-07		



Angle Rings

<i>Size</i>	<i>Angle Mild Steel</i>	<i>Inside Diameter</i>	<i>Bolt Holes</i>	<i>Hole Size</i>	<i>Bolt Circle</i>	<i>Part #</i>
3"	<i>PRESSED</i>	3-1/16	6	9/32	4-5/16	R03
4"	<i>10 GAGE</i>	4-1/16	6	9/32	5-5/16	R04
5"		5-1/16	6	9/32	6-5/16	R05
6"	<i>1-1/4 x</i>	6-1/8	6	3/8	7-1/2	R06
7"	<i>1-1/4 x</i>	7-1/8	6	3/8	8-1/2	R07
8"	<i>1/8</i>	8-1/8	8	3/8	9-1/2	R08
9"		9-1/8	8	3/8	10-1/2	R09
10"		10-1/8	8	3/8	11-1/2	R10
11"		11-1/8	8	3/8	12-1/2	R11
12"	<i>1-1/2 x</i>	12-3/16	12	7/16	13-13/16	R12
13"	<i>1-1/2 x</i>	13-3/16	12	7/16	14-13/16	R13
14"	<i>1/8</i>	14-3/16	12	7/16	15-13/16	R14
15"		15-3/16	16	7/16	16-13/16	R15
16"	<i>1-1/2 x</i>	16-3/16	16	7/16	18-1/8	R16
17"	<i>1-1/2 x</i>	17-3/16	16	7/16	19-1/8	R17
18"	<i>3/16</i>	18-3/16	16	7/16	20-1/8	R18
19"		19-3/16	16	7/16	21-1/8	R19
20"		20-3/16	20	7/16	22-1/8	R20
21"		21-3/16	20	7/16	23-1/8	R21
22"		22-3/16	20	7/16	24-1/8	R22
23"		23-3/16	20	7/16	25-1/8	R23
24"		24-3/16	20	7/16	26-1/8	R24
25"	<i>2 x 2 x</i>	25-3/16	20	7/16	27-1/2	R25
26"	<i>3/16</i>	26-3/16	24	7/16	28-1/2	R26
27"		27-3/16	24	7/16	29-1/2	R27
28"		28-3/16	24	7/16	30-1/2	R28
29"		29-3/16	24	7/16	31-1/2	R29
30"		30-3/16	28	7/16	32-1/2	R30
31"		31-3/16	28	7/16	33-1/2	R31
32"		32-3/16	28	7/16	34-1/2	R32
33"		33-3/16	28	7/16	35-1/2	R33
34"		34-3/16	32	7/16	36-1/2	R34
35"		35-3/16	32	7/16	37-1/2	R35
36"		36-3/16	32	7/16	38-1/2	R36
37"		37-3/16	32	7/16	39-1/2	R37
38"		38-3/16	36	7/16	40-1/2	R38
39"		39-3/16	36	7/16	41-1/2	R39
40"		40-3/16	36	7/16	42-1/2	R40
41"		41-3/16	36	7/16	43-1/2	R41
42"		42-3/16	40	7/16	44-1/2	R42
43"		43-3/16	40	7/16	45-1/2	R43
44"		44-3/16	40	7/16	46-1/2	R44
45"		45-3/16	40	7/16	47-1/2	R45
46"		46-3/16	44	7/16	48-1/2	R46
47"		47-3/16	44	7/16	49-1/2	R47
48"		48-3/16	44	7/16	50-1/2	R48

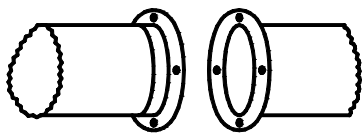
<i>Size</i>	<i>Angle Mild Steel</i>	<i>Inside Diameter</i>	<i>Bolt Holes</i>	<i>Hole Size</i>	<i>Bolt Circle</i>	<i>Part #</i>
49"		49-3/16	44	7/16	51-1/2	R49
50"		50-3/16	48	7/16	52-1/2	R50
52"		52-3/16	48	7/16	54-1/2	R52
54"		54-3/16	52	7/16	56-1/2	R54
56"		56-3/16	52	7/16	58-1/2	R56
58"		58-3/16	56	7/16	60-1/2	R58
60"		60-3/16	56	7/16	62-1/2	R60
62"		62-3/16	60	7/16	64-1/2	R62
64"		64-3/16	60	7/16	66-1/2	R64
66"		66-3/16	64	7/16	68-1/2	R66
68"		68-3/16	64	7/16	70-1/2	R68
70"		70-3/16	68	7/16	72-1/2	R70
72"		72-3/16	68	7/16	74-1/2	R72

Angle rings may be connected to pipe, fittings, or elbows at the factory. See price sheet for pricing.



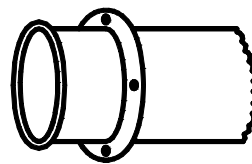
Angle Rings

For connection of pipe and fittings. Rings are connected to pipe or fitting by welding or vanstone. Rings are then connected by nuts and bolts.



Welded Connection:

Rings are welded solid to pipe or fitting. Use caulk for gasket.



Vanstone Connection:

Ring is slid over end of pipe with 1/2" protruding. Hold flange in place with clamps. Then use a hammer and peen over the 1/2" back to the ring.