## Hose Adapters

Dia.	Part#	ĢΑ
3"	15203	24+
4"	15204	24+
5"	15205	24+
6"	15206	24+
7"	15207	22
8"	15208	22
9"	15209	22
10"	15210	22
11"	15211	22
12"	15212	22
13"	15213	20
14"	15214	20
15"	15215	20
16"	15216	20
17"	15217	20
18"	15218	20
19"	15219	20
20"	15220	20

## Reducers

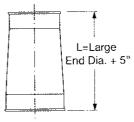
1
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Galvanized and Stainless Steel

Part #	GA
16003	20
16004	20
16005	20
16006	20
16007	20
16008	20
16009	20
16010	20
16011	20
16012	20
16013	20
16014	20
16015	20
16016	20
16017	20
16018	20
16019	20
16020	20
16022	20
	16003 16004 16005 16006 16007 16008 16009 16010 16011 16012 16013 16014 16015 16016 16017 16018 16019



Galvanized and Stainless Steel



All fittings have slip fit capability in the collar. See page 3.

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

## **Butterfly Valves**

	,	
Dia.	Part #	GA
3"	19403	24+
4"	19404	24+
5"	19405	24+
6"	19406	24+
7"	19407	22
8"	19408	22
9"	19409	22
10"	19410	22
11"	19411	22
12"	19412	22
13"	19413	20
14"	19414	20
15"	19415	20
16"	19416	20
17"	19417	20
18"	19418	20
19"	19419	20
20"	19420	20
22"	19422	20

# Ball Joints



Galvanized and Stainless Steel

	Dia.	-	Part #
	3"	•	19303
	4"		19304
7	5"		19305
	6"		19306
	7"	• •	19307
	8"	1	19308
• • • •	9"		19309
	10"		19310
-	11"	. !	19311
	12"		19312



Floor Sweeps

	Dia.	Part #	GA
Έ.	4"	19004	18
	5"	19005	18
	6"	19006	18
,	7"	19007	18
	8"	19008	18



Galvanized and Stainless Steel

#### NOTES:

STANDARD CONSTRUCTION for reducer is 18 ga. The taper is lapped spot welded and caulked. The 2.5" collar is applied as standard. Length of reducer varies based upon the various dimensions. However, REMEMBER, that length is not important in designing because of the adjustability of the system. IE the cut pipe can slide into the collar to adjust the length.

Sized and price by large end. Specify dimension, A (large end) to B (small end).

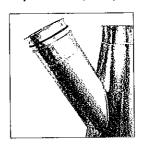
Heavier gauges and full welded are available.

Reducers are priced by large end.

IMPORTANT: When using the adjustable feature of the fitting, order an additional O-ring. See page 2.

+SS gauge=22

### Adjustment Capability



IMPORTANT: When using the adjustment feature of the fitting, order an additional O-ring. Page 5

### NOTES:

BUTTERFLY VALVES are used primarily for controlling and balancing air flows and draft.

BALL JOINTS are of spun metal and rotate freely in all directions. Perfect for machines with moving heads such as CNC routers

FLOOR SWEEPS are fully welded and seal when closed. Ideal in machining operations where dust is hard to capture.

Foot Plate with

If using Stainless Steel, add an "SS" to the end of the part #: