

REDUCERS



ALUMINIZED OD - ID REDUCER

Reduces larger I.D. pipe to smaller O.D. pipe.

P/N	OD - ID	LENGTH
8663	1 5/8" - 1 1/2"	4"
8661	1 7/8" - 1 3/4"	4 1/2"
8650	2" - 1 1/2"	4 1/2"
8651	2" - 1 5/8"	4"
8902	2" - 1 3/4"	5 3/4"
8652	2" - 1 7/8"	5 1/8"
8653	2 1/4" - 1 3/4"	5"
8938	2 1/4" - 2"	4"
8941	2 1/2" - 2"	4"
8654	2 1/2" - 2"	9 1/2"
8942	2 1/2" - 2 1/4"	4"
8655	2 1/2" - 2 1/4"	9 1/2"
9600	3" - 2 1/2"	6 1/4"
9334	3" - 2 3/4"	6"
9333	3 1/2" - 3"	6"
9722	4" - 3"	6"
9332	4" - 3 1/2"	6"
9331	5" - 4"	6"
9723	5" - 4 1/2"	6"
8969	6" - 5"	6"



ALUMINIZED ID - ID REDUCER

Reduces O.D. pipes of different sizes.

P/N	ID - ID	LENGTH
8921	1 1/4" - 1 1/2"	4"
8920	1 5/8" - 1 1/2"	4"
8922	2" - 1 1/2"	4"
8923	2" - 1 5/8"	4"
8944	2" - 1 3/4"	4 1/2"
8945	2" - 1 7/8"	4 1/2"
8924	2 1/8" - 2"	4"
8946	2 1/4" - 2"	4 1/2"
8947	2 1/2" - 2"	4 1/2"
8948	2 1/2" - 2 1/4"	4 1/2"
8952	2 3/4" - 2 1/2"	6"
8953	3" - 2 1/2"	6"
8954	3" - 2 3/4"	6"
8955	3 1/2" - 3"	6"
8956	4" - 3"	6"
8957	4" - 3 1/2"	8"
8958	5" - 4"	8"
9721	5" - 4 1/2"	6"
9335	6" - 5"	8"



ALUMINIZED ID - OD REDUCER

Reduces larger O.D. pipe to smaller I.D. pipe.

P/N	ID - OD	LENGTH
8925	1 1/2" - 1 3/8"	4"
8926	1 5/8" - 1 1/2"	4"
8927	1 3/4" - 1 1/2"	4"
8928	1 3/4" - 1 5/8"	4"
8929	1 7/8" - 1 1/2"	4"
8935	1 7/8" - 1 3/4"	4 1/2"
8936	2" - 1 3/4"	4 1/2"
8930	2" - 1 13/16"	4"
8660	2" - 1 7/8"	4"
8909	2 1/8" - 2"	5 3/4"
8931	2 1/4" - 1 7/8"	4"
8911	2 1/4" - 2"	5 3/4"
8932	2 1/4" - 2 1/8"	4"
8913	2 1/2" - 2"	5 3/4"
8940	2 1/2" - 2 1/4"	4 1/2"
8959	2 3/4" - 2 1/2"	6"
8960	3" - 2 1/2"	6"
8961	3" - 2 3/4"	6"
8962	3 1/2" - 3"	6"
8963	4" - 3"	6"
8964	4" - 3 1/2"	6"
8965	5" - 4"	6"
9336	6" - 5"	6"



ALUMINIZED OD - OD REDUCER

Reduces larger O.D. pipe to smaller I.D. pipe.

P/N	OD - OD	LENGTH
8904	2" - 1 13/16"	5 3/4"
8908	2 1/8" - 2"	7 1/4"
8657	2 1/4" - 2"	4"
8912	2 1/4" - 2"	5 3/4"
8658	2 1/2" - 2"	9 1/2"
8659	2 1/2" - 2 1/4"	9 1/2"
9648	4" - 3"	8"
9649	5" - 4"	8"
9720	6" - 4"	8"
9650	6" - 5"	8"

REDUCER BUSHINGS



ALUMINIZED SPLIT REDUCER BUSHINGS

Reduces I.D. of a muffler by $\frac{1}{8}$ " without increasing its overall length. Made of 16 gauge steel.

P/N	REDUCES FROM - TO
1A	3" - 2 $\frac{7}{8}$ "
2	2 $\frac{3}{4}$ " - 2 $\frac{5}{8}$ "
3	2 $\frac{5}{8}$ " - 2 $\frac{1}{2}$ "
5	2 $\frac{1}{2}$ " - 2 $\frac{3}{8}$ "
6	2 $\frac{3}{8}$ " - 2 $\frac{1}{4}$ "
7	2 $\frac{1}{4}$ " - 2 $\frac{1}{8}$ "

P/N	REDUCES FROM - TO
8	2 $\frac{1}{8}$ " - 2"
9	2" - 1 $\frac{7}{8}$ "
10	1 $\frac{7}{8}$ " - 1 $\frac{3}{4}$ "
11	1 $\frac{3}{4}$ " - 1 $\frac{5}{8}$ "
12	1 $\frac{5}{8}$ " - 1 $\frac{1}{2}$ "

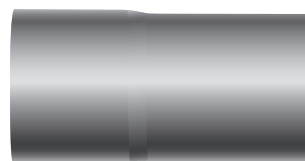
CONNECTORS



ALUMINIZED ID - ID CONNECTOR

Connects O.D. pipes of the same size.

P/N	ID - ID	LENGTH
8916	1 $\frac{1}{2}$ " - 1 $\frac{1}{2}$ "	4"
23075	1 $\frac{1}{2}$ " - 1 $\frac{1}{2}$ "	18"
8949	1 $\frac{3}{4}$ " - 1 $\frac{3}{4}$ "	4 $\frac{1}{2}$ "
23076	1 $\frac{3}{4}$ " - 1 $\frac{3}{4}$ "	18"
8917	1 $\frac{7}{8}$ " - 1 $\frac{7}{8}$ "	4"
23077	1 $\frac{7}{8}$ " - 1 $\frac{7}{8}$ "	18"
14337	2" - 2"	4"
23078	2" - 2"	18"
8950	2 $\frac{1}{8}$ " - 2 $\frac{1}{8}$ "	4 $\frac{1}{2}$ "
8951	2 $\frac{1}{4}$ " - 2 $\frac{1}{4}$ "	4 $\frac{1}{2}$ "
23079	2 $\frac{1}{4}$ " - 2 $\frac{1}{4}$ "	18"
14338	2 $\frac{1}{2}$ " - 2 $\frac{1}{2}$ "	4"
23080	2 $\frac{1}{2}$ " - 2 $\frac{1}{2}$ "	18"
8980	2 $\frac{3}{4}$ " - 2 $\frac{3}{4}$ "	4"
13025	2 $\frac{3}{4}$ " - 2 $\frac{3}{4}$ "	12"
14339	3" - 3"	4"
14601	3" - 3"	6"
13026	3" - 3"	12"
14340	3 $\frac{1}{2}$ " - 3 $\frac{1}{2}$ "	4"
14602	3 $\frac{1}{2}$ " - 3 $\frac{1}{2}$ "	6"
13027	3 $\frac{1}{2}$ " - 3 $\frac{1}{2}$ "	12"
14341	4" - 4"	4"
14603	4" - 4"	6"
13028	4" - 4"	12"
14605	5" - 5"	6"
8974	6" - 6"	6"



ALUMINIZED ID - OD CONNECTOR

Connects I.D. and O.D. pipes of the same size.

P/N	ID - OD	LENGTH
8662	1 $\frac{1}{2}$ " - 1 $\frac{1}{2}$ "	4 $\frac{7}{8}$ "
13001	1 $\frac{1}{2}$ " - 1 $\frac{1}{2}$ "	12"
23001	1 $\frac{1}{2}$ " - 1 $\frac{1}{2}$ "	18"
23051	1 $\frac{1}{2}$ " - 1 $\frac{1}{2}$ "	24"
33001	1 $\frac{1}{2}$ " - 1 $\frac{1}{2}$ "	36"
13002	1 $\frac{5}{8}$ " - 1 $\frac{5}{8}$ "	12"
23002	1 $\frac{5}{8}$ " - 1 $\frac{5}{8}$ "	18"
8934	1 $\frac{3}{4}$ " - 1 $\frac{3}{4}$ "	4 $\frac{1}{2}$ "
13003	1 $\frac{3}{4}$ " - 1 $\frac{3}{4}$ "	12"
23003	1 $\frac{3}{4}$ " - 1 $\frac{3}{4}$ "	18"
23052	1 $\frac{3}{4}$ " - 1 $\frac{3}{4}$ "	24"
33002	1 $\frac{3}{4}$ " - 1 $\frac{3}{4}$ "	36"
8937	1 $\frac{7}{8}$ " - 1 $\frac{7}{8}$ "	4 $\frac{1}{2}$ "
13004	1 $\frac{7}{8}$ " - 1 $\frac{7}{8}$ "	12"
23004	1 $\frac{7}{8}$ " - 1 $\frac{7}{8}$ "	18"
23053	1 $\frac{7}{8}$ " - 1 $\frac{7}{8}$ "	24"
33003	1 $\frac{7}{8}$ " - 1 $\frac{7}{8}$ "	36"
8933	2" - 2"	5 $\frac{3}{4}$ "
8906	2" - 2"	7 $\frac{1}{4}$ "
13005	2" - 2"	12"
23005	2" - 2"	18"
23054	2" - 2"	24"
33004	2" - 2"	36"
8914	2 $\frac{1}{8}$ " - 2 $\frac{1}{8}$ "	4"
13006	2 $\frac{1}{8}$ " - 2 $\frac{1}{8}$ "	12"
23006	2 $\frac{1}{8}$ " - 2 $\frac{1}{8}$ "	18"
23055	2 $\frac{1}{8}$ " - 2 $\frac{1}{8}$ "	24"
33005	2 $\frac{1}{8}$ " - 2 $\frac{1}{8}$ "	36"

P/N	ID - OD	LENGTH
8939	2 $\frac{1}{4}$ " - 2 $\frac{1}{4}$ "	4 $\frac{1}{2}$ "
8915	2 $\frac{1}{4}$ " - 2 $\frac{1}{4}$ "	9 $\frac{1}{2}$ "
13007	2 $\frac{1}{4}$ " - 2 $\frac{1}{4}$ "	12"
23007	2 $\frac{1}{4}$ " - 2 $\frac{1}{4}$ "	18"
23056	2 $\frac{1}{4}$ " - 2 $\frac{1}{4}$ "	24"
33006	2 $\frac{1}{4}$ " - 2 $\frac{1}{4}$ "	36"
8943	2 $\frac{1}{2}$ " - 2 $\frac{1}{2}$ "	4 $\frac{1}{2}$ "
13008	2 $\frac{1}{2}$ " - 2 $\frac{1}{2}$ "	12"
23008	2 $\frac{1}{2}$ " - 2 $\frac{1}{2}$ "	18"
23057	2 $\frac{1}{2}$ " - 2 $\frac{1}{2}$ "	24"
33007	2 $\frac{1}{2}$ " - 2 $\frac{1}{2}$ "	36"
8975	3" - 3"	6"
13009	3" - 3"	12"
23009	3" - 3"	18"
23058	3" - 3"	24"
33008	3" - 3"	36"
8976	3 $\frac{1}{2}$ " - 3 $\frac{1}{2}$ "	6"
13010	3 $\frac{1}{2}$ " - 3 $\frac{1}{2}$ "	12"
9599	3 $\frac{1}{2}$ " - 3 $\frac{1}{2}$ "	18"
8991	4" - 4"	6"
13011	4" - 4"	12"
23010	4" - 4"	18"
23059	4" - 4"	24"
8978	5" - 5"	6"
13012	5" - 5"	12"
24712	5" - 5"	18"
23060	5" - 5"	24"
8979	6" - 6"	6"

CONNECTORS

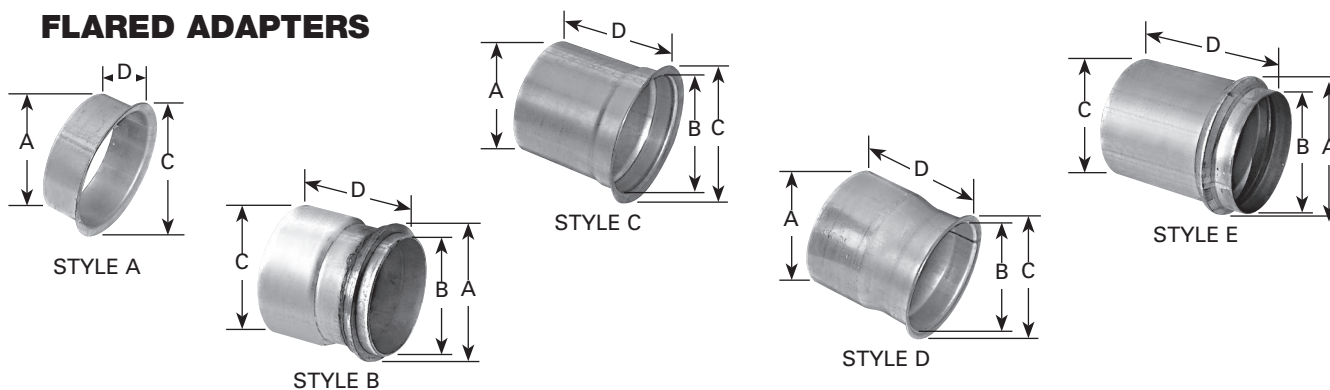


ALUMINIZED OD - OD CONNECTOR

Connects I.D. pipes
of the same size.

P/N	OD - OD	LENGTH
8907	2" - 2"	5 ¾"
8918	2 ¼" - 2 ¼"	6"
8919	2 ½" - 2 ½"	4 ½"
8970	3" - 3"	6"
8971	3 ½" - 3 ½"	6"
8972	4" - 4"	8"
8973	5" - 5"	8"

FLARED ADAPTERS



P/N	STYLE	A (O.D.)	B (I.D.)	C (O.D.)	D (LGTH.)	FLARE IN DEG.	APPLICATION	USE W/ V-BAND CLAMP
9706	D	3.977	2.836	3.970	3.482	20		9398
9707	A	2.500	3.345	3.695	1.532	20		9395
9390	A	NA	NA	NA	NA	20	FORD MOTOR CO, DETROIT DIESEL 6V71, 7V73, CUMMINS V555, V902	NA
9470	C	3.005	3.028	3.618	4.181	22	DETROIT DIESEL 6V71	9395
9708	A	3.005	2.869	3.541	3.568	45		NA
9471	C	3.005	3.040	3.775	4.522	45		9395
9479	A	3.183	3.015	3.915	2.200	20	GMC TRUCK/BUS W/ 8.2N	9611
9709	A	3.512	3.385	4.071	4.176	22	CAT 3208T	9611
9710	A	3.350	3.373	4.025	5.018	45	DETROIT DIESEL 6V71	9622
9392	C	3.525	3.505	4.320	6.095	45		9396
9473	C	3.490	3.630	4.165	4.035	22	DETROIT DIESEL 8V-71	9613
9711	C	3.520	3.620	4.270	4.100	22	DETROIT DIESEL 8V-72	9396
9712	C	3.480	3.670	4.212	4.140	22	DETROIT DIESEL 8V-73	9613
9391	A	3.010	2.865	3.905	1.310	20	DETROIT DIESEL 8V92, 4-53	9611
9713	D	3.990	3.605	4.260	4.050	22	DETROIT DIESEL 8V-71	9613
9476	C	NA	NA	NA	NA	22	DETROIT DIESEL 12V71	NA
9472	D	3.960	3.550	4.305	3.868	22	DETROIT DIESEL 8.2N, CUMMINS VT225	9396
9714	C	4.005	3.975	4.500	5.922	45		NA
9474	A	3.950	3.850	4.535	1.810	22	DETROIT DIESEL 6-71, 8.2N, 8.2T, MACK	NA
9475	A	3.985	3.875	4.540	5.170	45	CUMMINS	NA
9715	B	5.13	4.250	4.800	1.940	20	DETROIT DIESEL 8V-71T, 16V-71T, 6V-92T, 8V-92T	NA
9393	A	5.005	4.880	5.475	6.275	45	CUMMINS	NA
9478	A	5.035	4.870	5.720	3.025	22	CATERPILLAR TURBO, CUMMINS TURBO, INTERNATIONAL	9616
9716	A	4.990	4.825	5.572	5.608	20	INTERNATIONAL	NA
9717	A	5.010	4.885	5.845	6.287	20	T-50 TURBO CHARGER	9616
9394	C	NA	NA	NA	NA	45	T-50 TURBO CHARGER	NA
9719	E	5.658	4.825	4.998	6.168	NA	CUMMINS ENGINES	9615

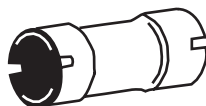
▲ WITH MACHINED RING

ACCESSORIES

CONNECTORS – REDUCERS

I.D.-I.D. CONNECTOR

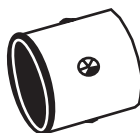
Connects O.D. Pipes and/or tubing of the same size.



Part No.	I.D. - I.D.	Lgth.
41919	1½-1½	4
41921	1⅝-1⅝	4
41926	1¾-1¾	4
41933	1⅞-1⅞	4
41940	2-2	4
41948	2⅛-2⅛	4
41951	2¼-2¼	4
41957	2½-2½	4
41967	2¾-2¾	4
41812	3-3	4
41892	3-3	6
41893	3½-3½	6
51064	4-4	4
41895	4-4	8
41899	5-5	8
41557	6-6	8

O.D.-O.D. CONNECTOR

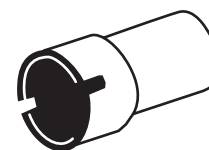
Connects I.D. Pipes and/or tubing of the same size. Also used on manifold outlet.



Part No.	O.D. - O.D.	Lgth.
41945	2-2	4½
41964	2½-2½	4½
41971	3-3	6
41979	3½-3½	6
41987	4-4	8
41992	5-5	8

I.D.-O.D. CONNECTOR

Connects O.D. & I.D. pipes and/or tubing of the same size



Part No.	I.D. - O.D.	Lgth.
41810	1½-1½	4
41920	1½-1½	12
41882	1¾-1¾	5
41931	1¾-1¾	12
41759	1⅞-1⅞	4
41944	2-2	4½
41902	2-2	10
41947	2-2	12
51126	2⅛-2⅛	4½
41954	2¼-2¼	4½
41956	2¼-2¼	12
41965	2½-2½	4½
41966	2½-2½	12
42596	2½-2½	18
41811	3-3	4
41970	3-3	6
41976	3-3	12
42606	3-3	18
41978	3½-3½	6
41983	3½-3½	12
42127	3½-3½	18
41896	4-4	8
42891	4-4	18
42531	4-4	24
41897	5-5	8
42126	5-5	18
42530	5-5	24
41889	6-6	8

REDUCING BUSHING

Reduces the I.D. of a muffler inlet or outlet without increasing the muffler overall length.



Part No.	O.D. - I.D.
36275	1½-1⅝
35253†	2-1⅝
35254†	2⅛-2

† Order in Qty. of 6

GENERAL INFORMATION

PASSENGER CAR

LIGHT TRUCK

MUFFLER SPECS.

OPTIONAL MUFFLERS

ACCESSORIES

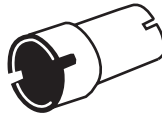
FOOTNOTES

ACCESSORIES

CONNECTORS — REDUCERS

I.D.-I.D. REDUCER

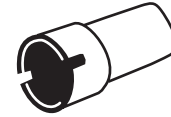
Reduces O.D.
Pipe and/or
tubing of
different size.



Part No.	I.D. - I.D.	Lgth.
41922	1 $\frac{5}{8}$ -1 $\frac{1}{2}$	4 $\frac{1}{2}$
41927	1 $\frac{3}{4}$ -1 $\frac{1}{2}$	4 $\frac{1}{2}$
41929	1 $\frac{3}{4}$ -1 $\frac{5}{8}$	4 $\frac{1}{2}$
41934	1 $\frac{7}{8}$ -1 $\frac{3}{4}$	4 $\frac{1}{2}$
41886	2-1 $\frac{1}{2}$	4
41941	2-1 $\frac{3}{4}$	4 $\frac{1}{2}$
41943	2-1 $\frac{7}{8}$	4 $\frac{1}{2}$
41952	2 $\frac{1}{4}$ -2	4 $\frac{1}{2}$
41958	2 $\frac{1}{2}$ -2	4 $\frac{1}{2}$
41961	2 $\frac{1}{2}$ -2 $\frac{1}{4}$	4 $\frac{1}{2}$
41973	3-2 $\frac{1}{2}$	6
41687	3-2 $\frac{3}{4}$	6
41981	3 $\frac{1}{2}$ -3	6
41989	4-3	6
41894	4-3 $\frac{1}{2}$	6
41898	5-4	8
41879	5-4 $\frac{1}{2}$	6
41998	6-5	6

I.D.-O.D. REDUCER

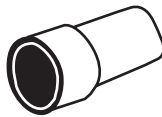
Reduces larger O.D. pipe and/
or tubing to smaller I.D. pipe.
Also used as muffler bushing or
manifold outlet.



Part No.	I.D. - O.D.	Lgth.
41855	1 $\frac{1}{2}$ -1 $\frac{3}{8}$	4
41923	1 $\frac{5}{8}$ -1 $\frac{1}{2}$	4 $\frac{1}{2}$
41928	1 $\frac{3}{4}$ -1 $\frac{1}{2}$	4 $\frac{1}{2}$
41930	1 $\frac{3}{4}$ -1 $\frac{5}{8}$	4 $\frac{1}{2}$
41932	1 $\frac{7}{8}$ -1 $\frac{3}{4}$	2 $\frac{5}{8}$
41939	2-1 $\frac{3}{4}$	2 $\frac{5}{8}$
41942	2-1 $\frac{7}{8}$	4 $\frac{1}{2}$
41949	2 $\frac{1}{8}$ -2	4 $\frac{1}{2}$
41888	2 $\frac{1}{4}$ -1 $\frac{7}{8}$	4
41955	2 $\frac{1}{4}$ -2	4 $\frac{1}{2}$
41854	2 $\frac{1}{4}$ -2 $\frac{1}{8}$	4
41959	2 $\frac{1}{2}$ -2	4 $\frac{1}{2}$
51065	2 $\frac{1}{2}$ -2 $\frac{21}{32}$	4
41962	2 $\frac{1}{2}$ -2 $\frac{1}{4}$	4 $\frac{1}{2}$
41999	2 $\frac{3}{4}$ -2 $\frac{1}{2}$	8
41974	3-2 $\frac{1}{2}$	6
41982	3 $\frac{1}{2}$ -3	6
41563	4-3	6
41984	4-3 $\frac{1}{2}$	6
41909	5-4	6
41997	6-5	6

O.D.-O.D. REDUCER

Reduces I.D. pipe
and/or tubing
of different sizes.



Part No.	O.D. - O.D.	Lgth.
41908	2-1 $\frac{7}{8}$	5 $\frac{1}{4}$
41937	2-1 $\frac{13}{16}$	4 $\frac{1}{2}$
41700	2 $\frac{1}{4}$ -2	4 $\frac{1}{2}$
41917	2 $\frac{1}{2}$ -2	4 $\frac{1}{2}$
41918	2 $\frac{1}{2}$ -2 $\frac{1}{4}$	4 $\frac{1}{2}$
41890	4-3	8
41891	5-4	8
41845	5-4 $\frac{1}{2}$	6
41844	6-4	6
41515	6-5	8

O.D.-I.D. REDUCER

Reduces larger I.D. pipe
and/or tubing to smaller
O.D. pipe. Also used as
muffler bushing or mani-
fold outlet.



Part No.	O.D. - I.D.	Lgth.
41883	1 $\frac{1}{2}$ -1 $\frac{3}{8}$	4
41924	1 $\frac{5}{8}$ -1 $\frac{1}{2}$	4 $\frac{1}{2}$
41925	1 $\frac{3}{4}$ -1 $\frac{5}{8}$	2 $\frac{5}{8}$
41885	1 $\frac{7}{8}$ -1 $\frac{1}{2}$	4 $\frac{1}{2}$
41935	1 $\frac{7}{8}$ -1 $\frac{3}{4}$	4 $\frac{1}{2}$
41946	2-1 $\frac{3}{4}$	5 $\frac{3}{8}$
51127	2-1 $\frac{7}{8}$	4 $\frac{1}{2}$
41950	2 $\frac{1}{8}$ -2	4 $\frac{1}{2}$
41400	2 $\frac{1}{4}$ -1 $\frac{3}{4}$	4 $\frac{1}{2}$
41953	2 $\frac{1}{4}$ -2	4 $\frac{1}{2}$
41960	2 $\frac{1}{2}$ -2	4 $\frac{1}{2}$
41963	2 $\frac{1}{2}$ -2 $\frac{1}{4}$	4 $\frac{1}{2}$
41968	2 $\frac{3}{4}$ -2 $\frac{1}{2}$	4 $\frac{1}{2}$
41972	3-2 $\frac{1}{2}$	6
41975	3-2 $\frac{3}{4}$	6
41980	3 $\frac{1}{2}$ -3	6
41988	4-3	6
41991	4-3 $\frac{1}{2}$	6
41994	5-4	6
41786	5-4 $\frac{1}{2}$	6
41514	6-5	8

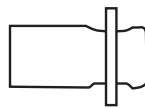
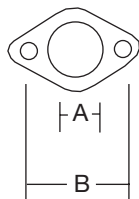
ACCESSORIES

EXTENSION PIPES, RESONATOR SUB PIPES, TAIL SPOUTS

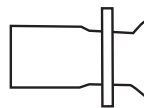
Product Description	1½" Dia.	1⅝" Dia.	1¾" Dia.	1⅞" Dia.	2" Dia.	2⅛" Dia.	2¼" Dia.	2½" Dia.
Extension Pipe ID-OD 12" OAL	41920	—	41931	—	41947	—	41956	41966
Extension Pipe ID-OD 18" OAL	—	—	—	52003	52004	—	52005	42596
Extension Pipe ID-OD 26" OAL	52007	—	52008	52009	52010	52013	52011	52012
Sub Pipe ID-ID 18" OAL	—	—	—	—	52014	—	52015	52016
Tail Spout ID One End 12" OAL	41784	—	41807	—	42536	41808	52018	41809

ADAPTERS

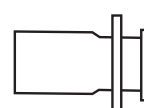
8" Overall Length with Inlet Flange



Male Ball



Female Ball

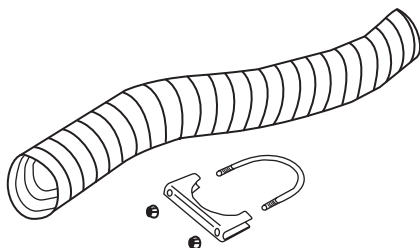


Flat Ball

A	B	Male Ball	Female Ball	Flat Ball
2"	3⅞"	—	41724	41727
2¼"	4¼"	41722	41725	—
2½"	4¼"	41723	41726	—

EXHAUST REPAIR KIT

18" Galvanized Flex Tubing with Clamp



PART NO.	I.D.
36319	1½
36320	1¾
36321	1⅞
36322	2
36323	2⅛
36324	2¼
36325	2⅜
36326	2½
36541	3