Southern Spiral Pipe, Inc.

Double Wall Oval

Construction Standards for Double Wall Oval Spiral Pipe and Fittings

Galvanized Steel (ASTM A 527), Paintgrip, and Stainless Steel

Outer Shell

Major Axis	Pipe Ga.	Fitting Ga.
up to 24"	24	20
25"-36"	22	20
37"-48"	22	18
49"-60"	20	18
61"-70"	20	16
71" and over	18	16

Inner shell is perforated metal spiral pipe with 3/32" holes on 3/16" staggered centers for a free area of 23%. Inner liner on fittings is solid galvanized as standard but can be perforated.

Insulation is located between the inner and outer shells and is a standard 1" thick with a thermal conductivity of 0.26 Btu-in./hr. sq. ft. deg. F at 75 deg. mean temperature.

Other thicknesses of insulation are available.

Size designated will be the inside dimension of the pipe.
(Outer dimension of the pipe will be 2" larger standard).

Gauges shown above are per 1995 SMACNA Construction Standards.
Gauges shown are minimum gauges and in some cases may be heavier.

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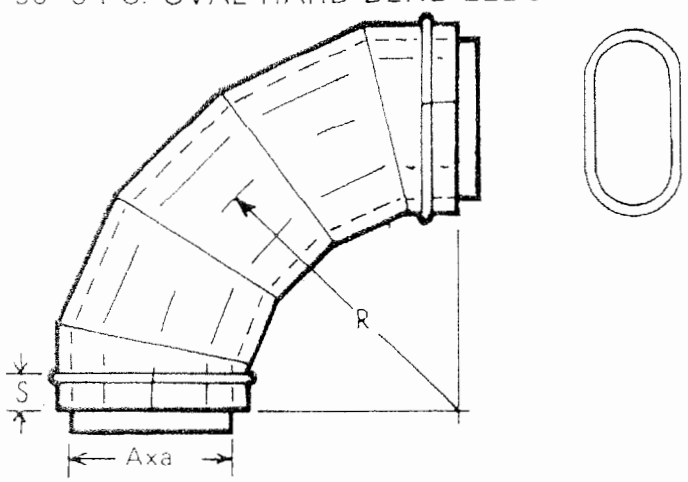
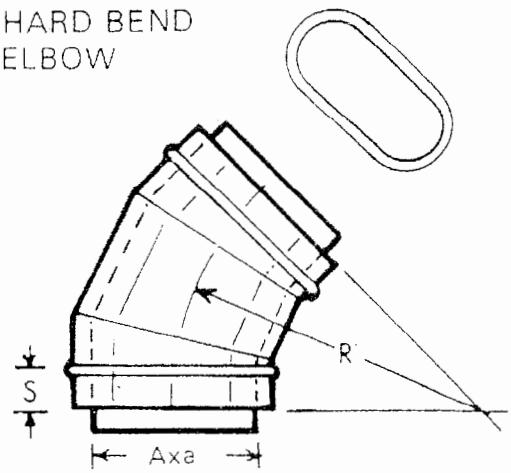
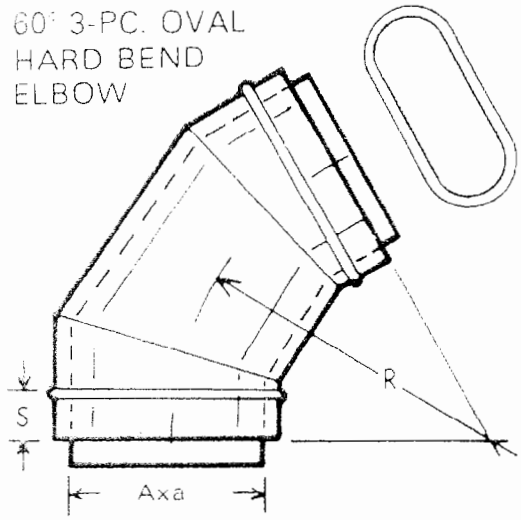
90° 5-PC. OVAL HARD BEND ELBOW



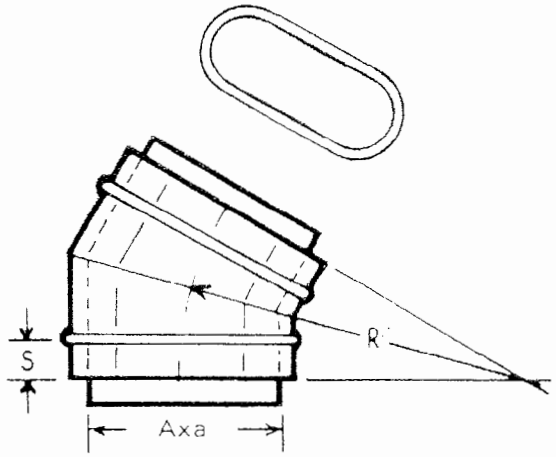
45° 3-PC. OVAL HARD BEND ELBOW



60° 3-PC. OVAL HARD BEND ELBOW



30° 2-PC. OVAL HARD BEND ELBOW



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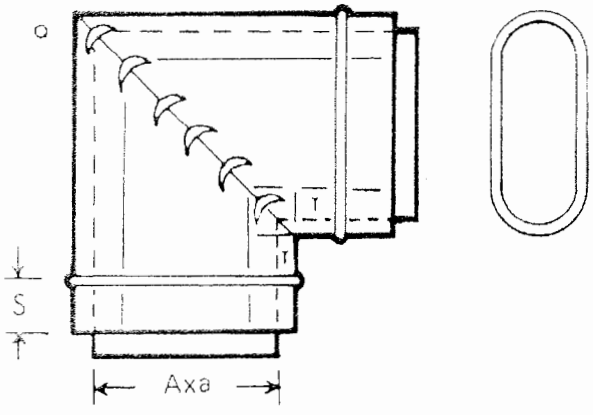
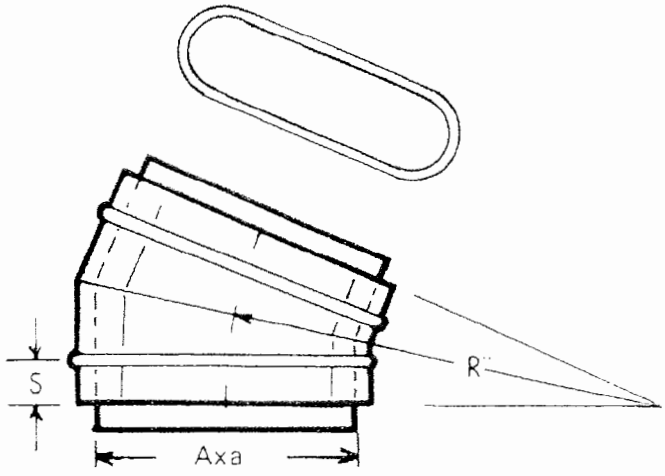


22½° 2-PC. OVAL HARD BEND ELBOW



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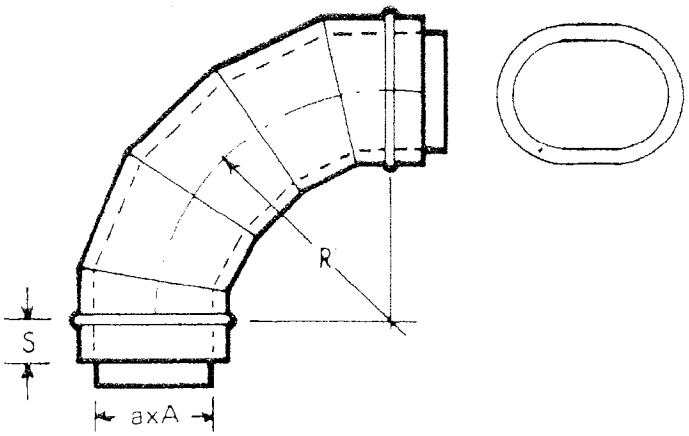
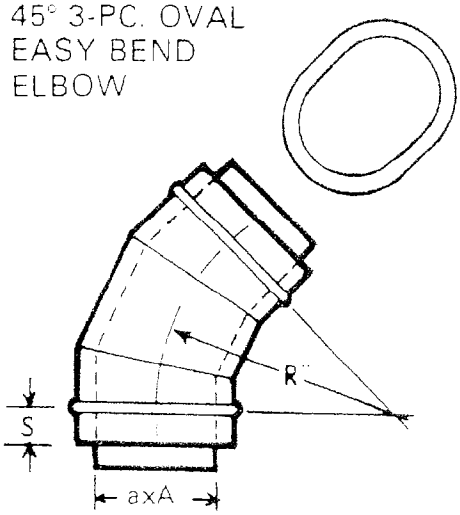
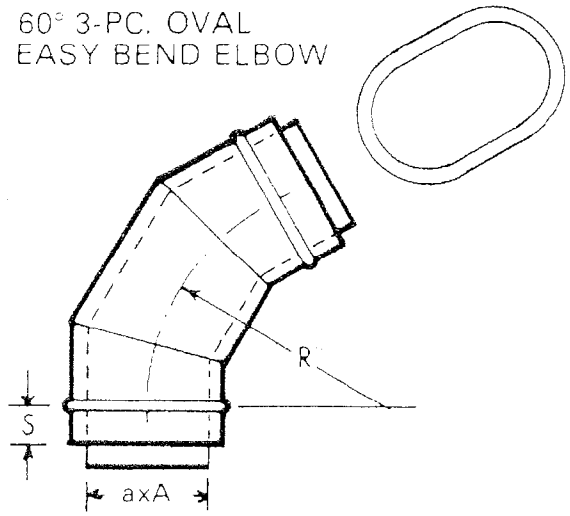
90° 5-PC. OVAL EASY BEND ELBOW



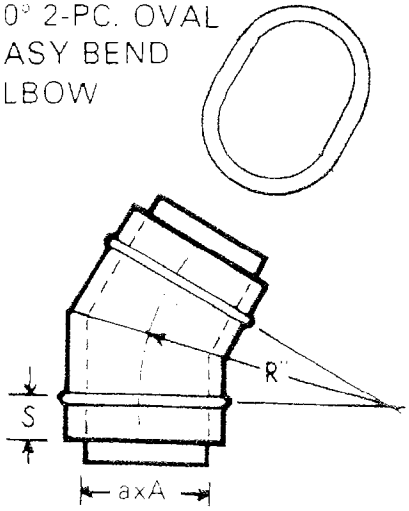
45° 3-PC. OVAL EASY BEND ELBOW



60° 3-PC. OVAL EASY BEND ELBOW



30° 2-PC. OVAL EASY BEND ELBOW



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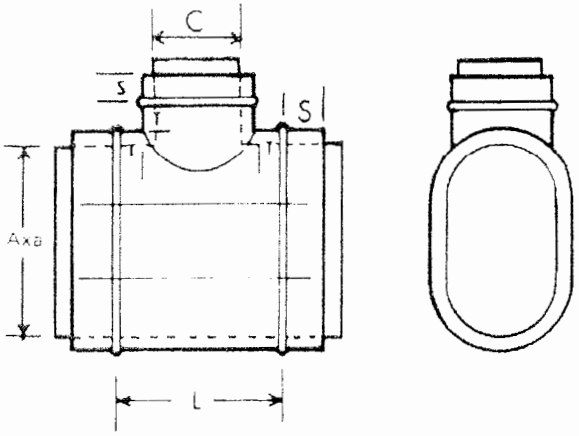
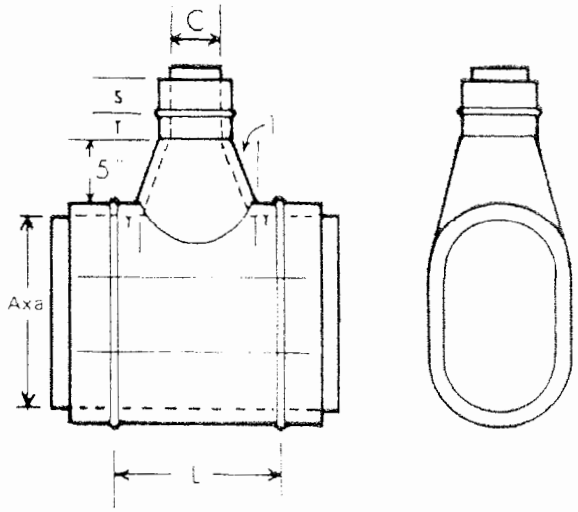


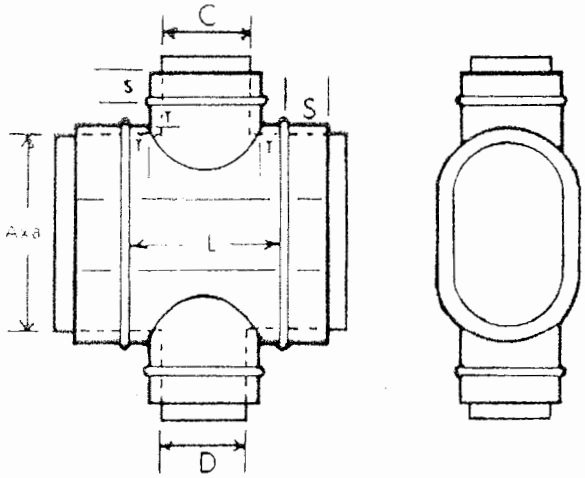
OVAL STRAIGHT TEE

L = C + 6"



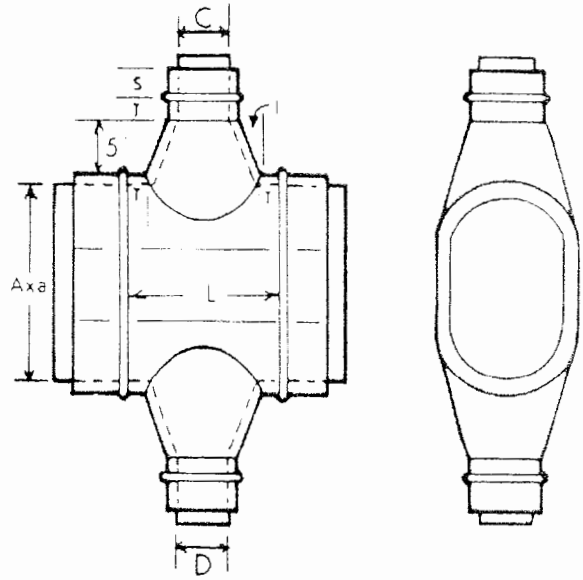
OVAL CONICAL STRAIGHT TEE

L = C + 8"



OVAL STRAIGHT CROSS

L = LARGEST TAP + 6"



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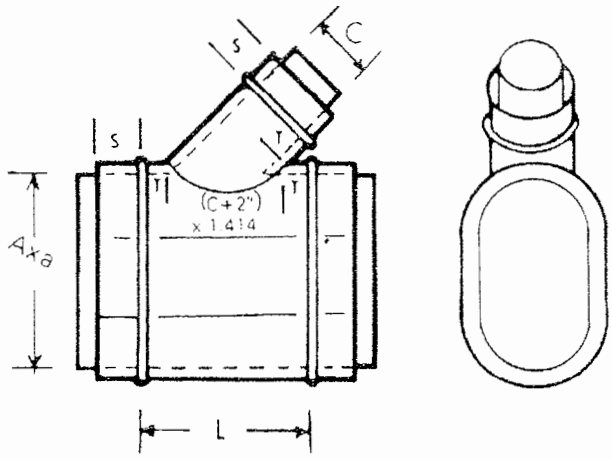
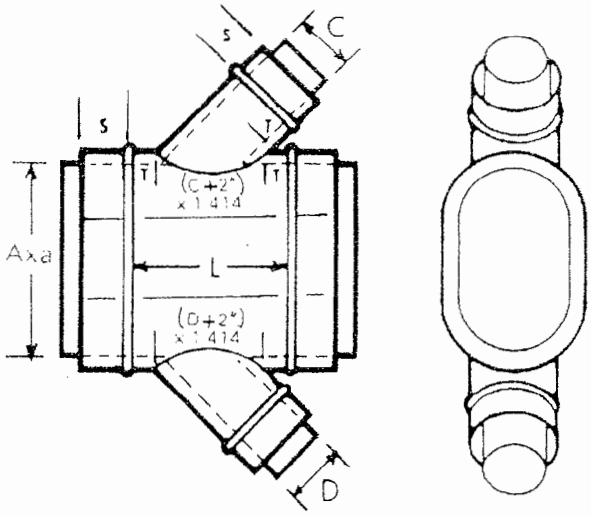


OVAL LATERAL
L = ((C + 2") x 1.414) + 4"



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L = ((LARGEST TAP + 2") x 1.414) + 4"

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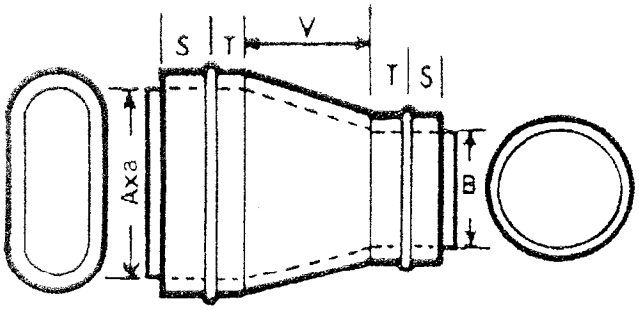
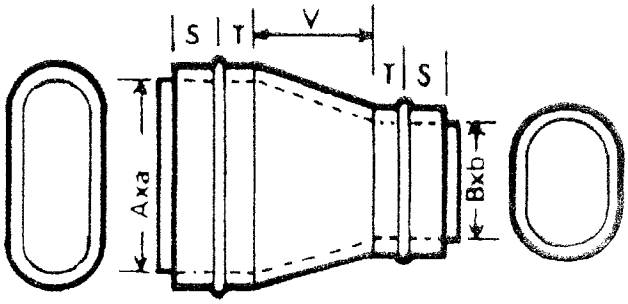
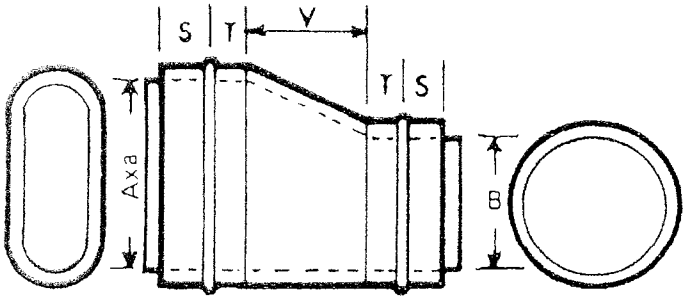


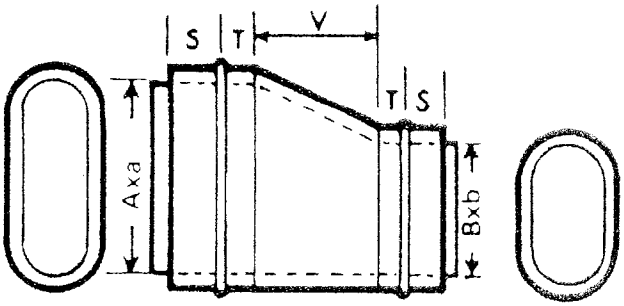
OVAL TO ROUND
CONCENTRIC REDUCER



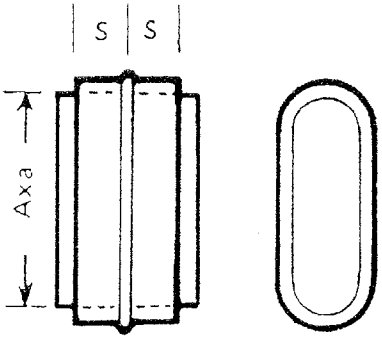
OVAL TO OVAL
CONCENTRIC REDUCER



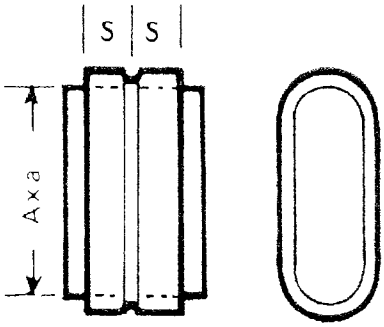
OVAL TO ROUND
ECCENTRIC REDUCER



OVAL TO OVAL
ECCENTRIC REDUCER



PIPE COUPLING



FITTING COUPLING

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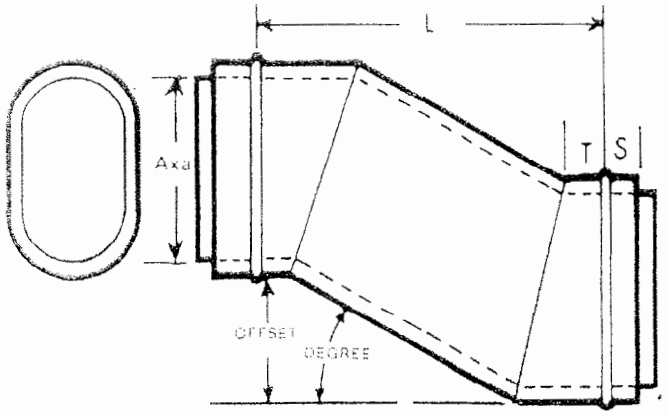
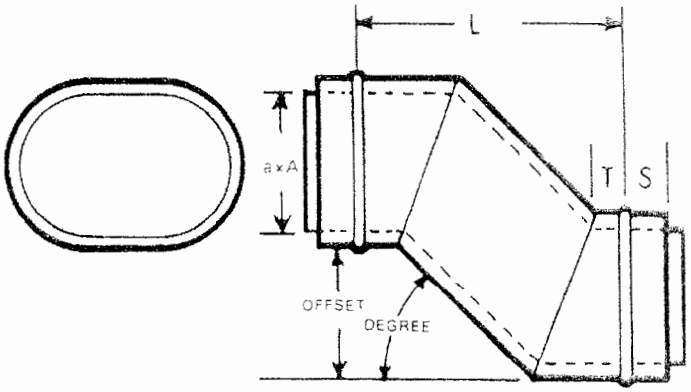
HARD BEND OVAL OFFSET

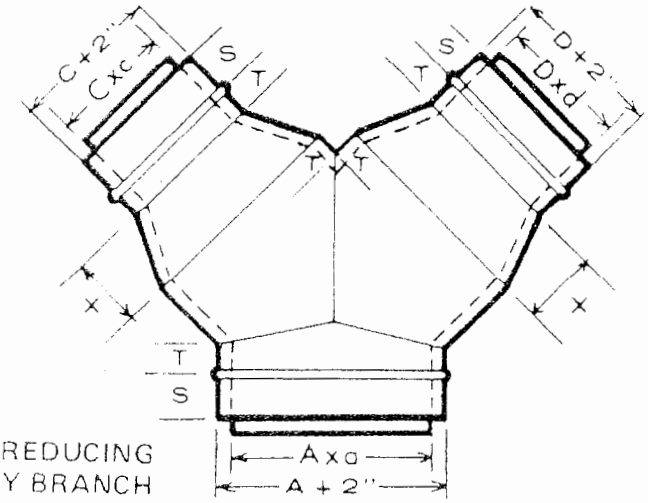


Standard Degrees of 22½° - 30° & 45°

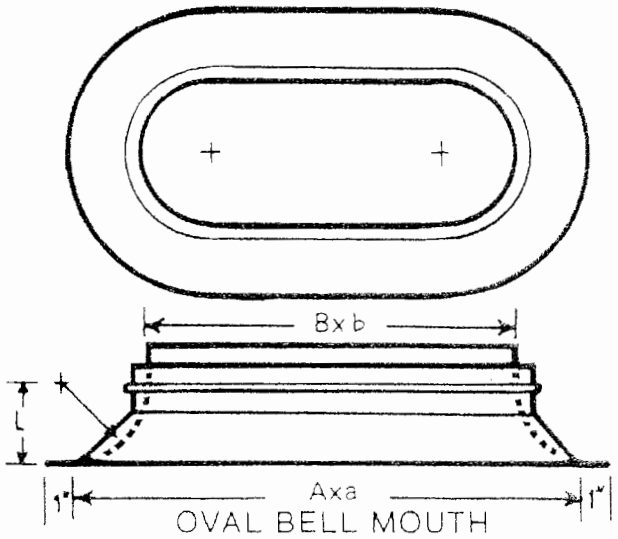
EASY BEND OVAL OFFSET



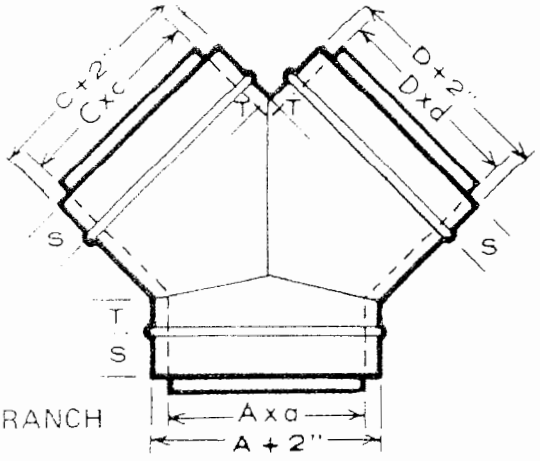
Standard Degrees of 22½° - 30° & 45°



REDUCING
Y BRANCH



OVAL BELL MOUTH



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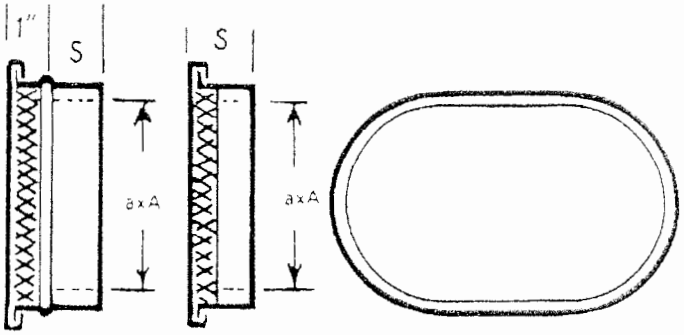

OVAL
END
PLUG

OVAL
END
CAP