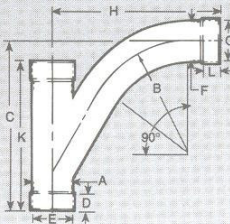
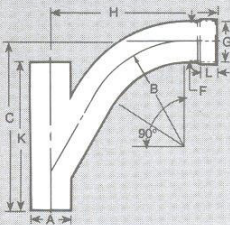


## STANDARD 90° TY'S

**2-1/8" OD to 4" OD  
16 GAUGE  
MATERIAL**

**5" OD to 8" OD  
14 GAUGE  
MATERIAL**

**10" OD to 14" OD  
12 GAUGE  
MATERIAL**



## Standard 90° TY's

11 Gauge TY's Available

PART NO.	SIZE	A(OD)	B	C	F(OD)	H	K
TY-215	2-1/8"	2-1/8"	5"	9-5/32"	2-1/8"	8-13/16"	9-1/2"
TY-255	2-1/2" x 2-1/8"	2-1/2"	5"	9-11/32"	2-1/8"	9"	10"
TY-256	2-1/2"	2-1/2"	6"	10-1/2"	2-1/2"	10-1/32"	10"
TY-305	3" x 2-1/8"	3"	5"	9-19/32"	2-1/8"	9-1/4"	10-1/2"
TY-306	3" x 2-1/2"	3"	6"	10-3/4"	2-1/2"	10-9/32"	10-1/2"
TY-307	3"	3"	7-1/2"	12-3/8"	3"	11-25/32"	11-1/2"
TY-355	3-1/2" x 2-1/8"	3-1/2"	5"	9-27/32"	2-1/8"	9-1/2"	11"
TY-356	3-1/2" x 2-1/2"	3-1/2"	6"	11"	2-1/2"	10-17/32"	11"
TY-357	3-1/2" x 3"	3-1/2"	7-1/2"	12-5/8"	3"	12-1/32"	13"
TY-358	3-1/2"	3-1/2"	8-3/4"	14-1/8"	3-1/2"	13-11/32"	13"
TY-405	4" x 2-1/8"	4"	5"	10-3/32"	2-1/8"	9-3/4"	12"
TY-406	4" x 2-1/2"	4"	6"	11-1/4"	2-1/2"	10-25/32"	12"
TY-407	4" x 3"	4"	7-1/2"	12-7/8"	3"	12-9/32"	12"
TY-408	4" x 3-1/2"	4"	8-3/4"	14-3/8"	3-1/2"	13-19/32"	14"
TY-409	4"	4"	10"	15-7/8"	4"	14-29/32"	14"
TY-505	5" x 2-1/8"	5"	5"	10-19/32"	2-1/8"	10-1/4"	13"
TY-506	5" x 2-1/2"	5"	6"	11-3/4"	2-1/2"	11-9/32"	13"
TY-507	5" x 3"	5"	7-1/2"	13-3/8"	3"	12-25/32"	15-1/2"
TY-508	5" x 3-1/2"	5"	8-3/4"	14-7/8"	3-1/2"	14-3/32"	15-1/2"
TY-509	5" x 4"	5"	10"	16-3/8"	4"	15-13/32"	15-1/2"
TY-515	5"	5"	12-1/2"	19-3/8"	5"	18-5/8"	18-1/2"
TY-605	6" x 2-1/8"	6"	5"	11-3/32"	2-1/8"	10-3/4"	15"
TY-606	6" x 2-1/2"	6"	6"	12-1/4"	2-1/2"	11-25/32"	15"
TY-607	6" x 3"	6"	7-1/2"	13-7/8"	3"	13-9/32"	15"
TY-608	6" x 3-1/2"	6"	8-3/4"	15-3/8"	3-1/2"	14-19/32"	17"
TY-609	6" x 4"	6"	10"	16-7/8"	4"	15-29/32"	17"
TY-614	6" x 5"	6"	12-1/2"	19-7/8"	5"	19-1/8"	21"
TY-615	6"	6"	15"	22-7/8"	6"	22-11/32"	21"

D Expansion Depth 1-1/4" thru 4" OD, 1-1/2" for 5" and 6" OD

E Inside Diameter (ID) = A Outside Diameter (OD)

G Inside Diameter (ID) = F Outside Diameter (OD)

L Expansion Depth 1-1/4" thru 4" OD, 1-1/2" for 5" and 6" OD

*All reference dimensions are nominal.*

*Catalog Part Variations Available Upon Request.*

**Expanded Ends standard through 6" size.**

**Straight and Expanded combinations available.**

**Straight Ends available on all sizes by request.**