

PIPE ALIGNMENT GUIDE

Figure 1007

Designed to maintain the axial alignment of piping as it expands and contracts during operation. It is most typically installed adjacent to expansion joints and at reasonable distances between the expansion joint and the anchor point. Our Figures 1006 and 1010 also offer alternative means for your piping alignment needs.

Note: Guides are not designed to carry dead weight loads. Maximum temperature is 750°F.

Material: Carbon Steel.

Finish: Plain, Painted, Galvanized.

Ordering: Specify guide size, pipe size, insulation thickness, figure number, and finish. For Metric applications specify Figure M1007.

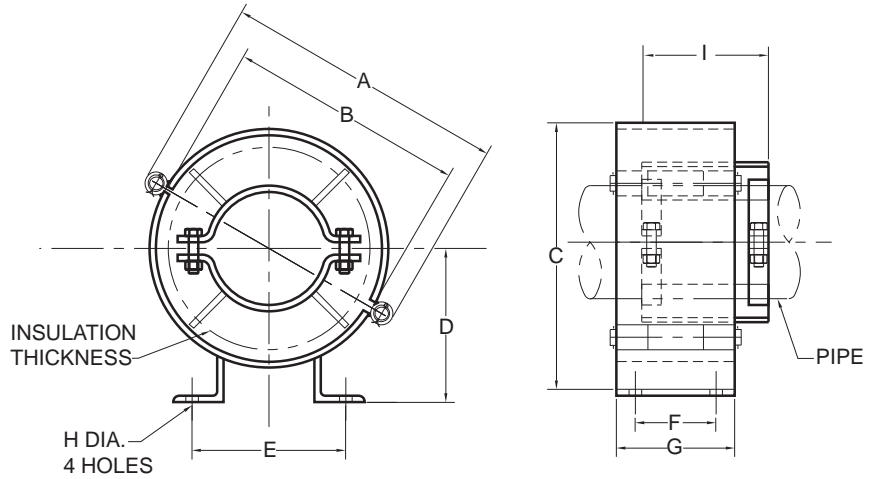


FIGURE 1007 – PIPE ALIGNMENT GUIDE

SIZE NUMBER	A	B	C	D	E	F	G	H	WEIGHT EACH
1	5 $\frac{1}{4}$	4 $\frac{1}{2}$	5 $\frac{3}{8}$	3 $\frac{3}{8}$	5	2 $\frac{1}{2}$	4	$\frac{3}{8}$	9.5
1	149	114	6	79	127	64	102	16	4.3
2	7	5 $\frac{3}{8}$	6 $\frac{3}{8}$	3 $\frac{1}{2}$	6 $\frac{1}{4}$	2 $\frac{1}{2}$	4	$\frac{3}{8}$	12.0
2	178	143	162	89	159	64	102	16	5.4
3	8	6 $\frac{3}{8}$	7 $\frac{3}{8}$	4	6 $\frac{1}{4}$	2 $\frac{1}{2}$	4	$\frac{3}{8}$	13.2
3	203	168	187	102	171	64	102	16	6.0
4	10 $\frac{1}{8}$	8 $\frac{3}{8}$	9 $\frac{3}{8}$	5	7 $\frac{3}{8}$	2 $\frac{1}{2}$	4	$\frac{3}{8}$	16.3
4	264	219	238	127	187	64	102	16	7.4
5	12 $\frac{1}{2}$	10 $\frac{3}{4}$	11 $\frac{1}{8}$	6 $\frac{1}{4}$	7 $\frac{3}{8}$	4	6	$\frac{3}{8}$	26.0
5	318	273	295	159	187	102	152	16	11.8
6	14 $\frac{3}{8}$	12 $\frac{3}{4}$	13 $\frac{3}{8}$	7 $\frac{1}{4}$	8	4	6	$\frac{3}{8}$	32.3
6	378	324	346	184	203	102	152	16	14.7
7	16 $\frac{3}{8}$	14 $\frac{3}{4}$	15 $\frac{3}{8}$	8 $\frac{1}{2}$	9 $\frac{3}{4}$	5 $\frac{1}{2}$	8	$\frac{3}{4}$	48.2
7	429	375	403	216	248	140	203	19	21.9
8	18 $\frac{3}{8}$	16 $\frac{3}{4}$	17 $\frac{3}{8}$	9 $\frac{1}{2}$	10 $\frac{3}{4}$	5 $\frac{1}{2}$	8	$\frac{3}{4}$	57.0
8	479	425	454	241	260	140	203	19	25.9
9	21 $\frac{3}{8}$	19	20	10 $\frac{1}{2}$	11 $\frac{1}{4}$	5 $\frac{1}{2}$	8	$\frac{3}{4}$	72.1
9	549	483	508	267	286	140	203	19	32.7
10	23 $\frac{3}{8}$	21	22	11 $\frac{1}{2}$	14 $\frac{1}{8}$	5 $\frac{1}{2}$	8	$\frac{7}{8}$	84.5
10	600	533	559	292	359	140	203	22	38.3
11	25 $\frac{3}{8}$	23	24	12 $\frac{1}{2}$	14 $\frac{1}{4}$	5 $\frac{1}{2}$	8	$\frac{7}{8}$	103.2
11	651	584	610	318	375	140	203	22	46.8
12	28 $\frac{3}{8}$	25 $\frac{3}{4}$	26 $\frac{3}{8}$	13 $\frac{3}{4}$	15 $\frac{1}{8}$	5 $\frac{1}{2}$	8	1	129.1
12	727	654	676	349	403	140	203	25	58.6
13	32 $\frac{3}{8}$	29 $\frac{3}{4}$	30 $\frac{3}{8}$	15 $\frac{1}{4}$	16 $\frac{1}{8}$	5 $\frac{1}{2}$	8	1	153.3
13	816	749	775	400	416	140	203	25	69.5
14	36 $\frac{3}{8}$	33 $\frac{3}{4}$	34 $\frac{3}{8}$	17 $\frac{1}{4}$	17 $\frac{1}{8}$	5 $\frac{1}{2}$	8	1	140.0
14	918	851	876	451	435	140	203	25	63.5

PIPE SIZE	DIM. I	MAX. MVT
1" to 6"	6	6
25 to 150	152	152
8" to 16"	8	8
200 to 400	203	203
18" to 24"	10	10
450 to 600	254	254

DIMENSIONS		TEMPERATURE	LOADS	WEIGHT
INCHES	FAHRENHEIT	POUNDS	POUNDS	
MILLIMETERS	CELSIUS	NEWTONS	KILOGRAMS	