

# PIPE ALIGNMENT GUIDE

**Figure 1006**

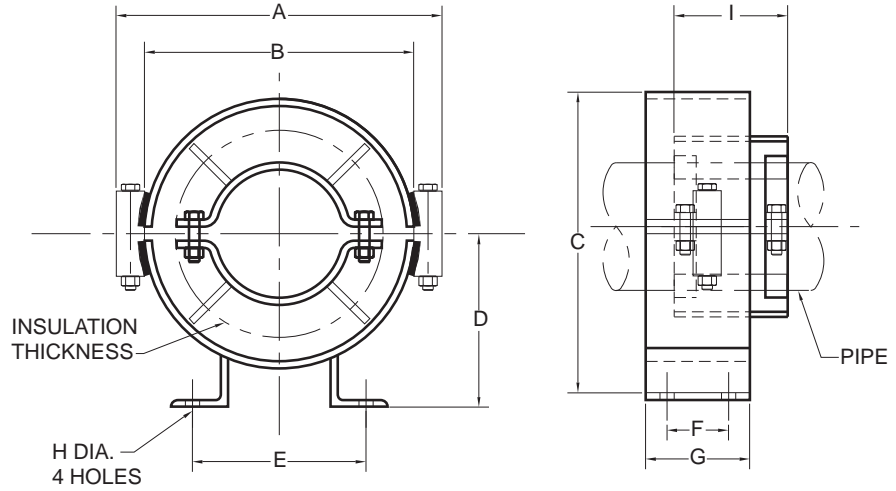
Designed to maintain the axial alignment of piping as it expands and contracts during operation. It is most typically installed adjacent to expansion joints and at reasonable distances between the expansion joint and the anchor point. Our Figures 1007, and 1010 also offer alternative means for your piping 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 M1006.



**FIGURE 1006 – PIPE ALIGNMENT GUIDE**

SIZE NUMBER	A	B	C	D	E	F	G	H	WEIGHT EACH
1	6 $\frac{3}{4}$	4 $\frac{1}{2}$	5 $\frac{5}{8}$	3 $\frac{3}{8}$	5	1 $\frac{1}{2}$	3	$\frac{3}{8}$	5.8
1	171	114	137	79	127	38	76	16	2.6
2	7 $\frac{1}{4}$	5 $\frac{5}{8}$	6 $\frac{3}{8}$	3 $\frac{1}{2}$	6 $\frac{1}{4}$	1 $\frac{1}{2}$	3	$\frac{3}{8}$	7.2
2	184	143	162	89	159	38	76	16	3.3
3	8 $\frac{3}{8}$	6 $\frac{3}{8}$	7 $\frac{3}{8}$	4	6 $\frac{1}{4}$	1 $\frac{1}{2}$	3	$\frac{3}{8}$	8.2
3	213	168	187	102	171	38	76	16	3.7
4	10 $\frac{3}{8}$	8 $\frac{3}{8}$	9 $\frac{3}{8}$	5	7 $\frac{3}{8}$	1 $\frac{1}{2}$	3	$\frac{3}{8}$	10.6
4	264	219	238	127	187	38	76	16	4.8
5	12 $\frac{1}{2}$	10 $\frac{3}{4}$	11 $\frac{1}{2}$	6 $\frac{1}{4}$	7 $\frac{3}{8}$	2	4	$\frac{3}{8}$	15.6
5	308	273	295	159	187	51	102	16	7.1
6	14 $\frac{1}{4}$	12 $\frac{3}{4}$	13 $\frac{3}{8}$	7 $\frac{1}{4}$	8	2	4	$\frac{3}{8}$	19.5
6	378	324	346	184	203	51	102	16	8.8
7	16 $\frac{1}{2}$	14 $\frac{1}{4}$	15 $\frac{3}{8}$	8 $\frac{1}{2}$	9 $\frac{3}{8}$	2	4	$\frac{3}{4}$	26.8
7	429	375	403	216	248	51	102	19	12.2
8	18 $\frac{1}{2}$	16 $\frac{3}{4}$	17 $\frac{3}{8}$	9 $\frac{1}{2}$	10 $\frac{1}{4}$	4	6	$\frac{3}{4}$	35.6
8	479	425	454	241	260	102	152	19	16.1
9	21 $\frac{1}{2}$	19	20	10 $\frac{1}{2}$	11 $\frac{1}{4}$	4	6	$\frac{3}{4}$	44.2
9	550	483	508	267	286	102	152	19	20.0
10	23 $\frac{3}{8}$	21	22	11 $\frac{1}{2}$	14 $\frac{1}{4}$	4	6	$\frac{7}{8}$	52.6
10	600	533	559	292	359	102	152	22	23.9
11	25 $\frac{1}{2}$	23	24	12 $\frac{1}{2}$	14 $\frac{1}{4}$	4	6	$\frac{7}{8}$	66.3
11	651	584	610	318	375	102	152	22	30.1
12	28 $\frac{3}{8}$	25 $\frac{1}{4}$	26 $\frac{3}{8}$	13 $\frac{3}{4}$	15 $\frac{3}{8}$	4	6	1	79.7
12	721	654	676	349	403	102	152	25	36.2
13	32 $\frac{1}{2}$	29 $\frac{1}{2}$	30 $\frac{3}{8}$	15 $\frac{1}{4}$	16 $\frac{3}{8}$	5 $\frac{1}{2}$	8	1	106.3
13	816	749	775	400	416	140	203	25	48.2
14	36 $\frac{1}{2}$	33 $\frac{1}{2}$	34 $\frac{1}{2}$	17 $\frac{1}{4}$	17 $\frac{3}{8}$	5 $\frac{1}{2}$	8	1	116.8
14	918	851	876	451	435	140	203	25	53.0

PIPE SIZE	DIM. I	MAX. MVT
1" to 6"	4	4
25 to 150	102	102
8" to 16"	6	6
200 to 400	152	152
18" to 24"	8	8
450 to 600	203	203

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