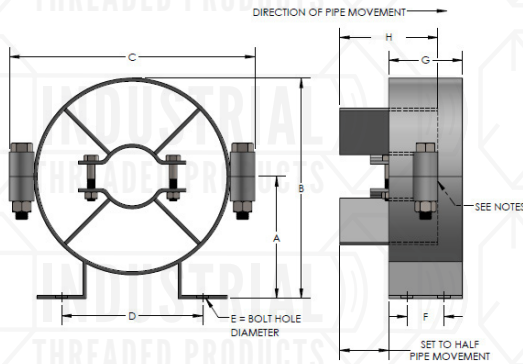




**FIG. 255**  
**PIPE ALIGNMENT GUIDE (SINGLE SPIDER CLAMP)**



**Material:** Carbon steel, also available in 304 and 316 stainless steel.  
**Finish:** Plain, electro-galvanized, or painted.  
**Service:** Designed for use with insulated or non-insulated pipe lines to maintain alignment of piping through axial expansion and contraction cycles. Proper alignment of the adjoining pipe is of vital importance in the proper functioning of expansion joints in the line. Pipe guides are not designed to support any piping system weight. Therefore additional supports are required. Therefore the use of two or more guides on both sides of the expansion joint is recommended to avoid a pivoting effect in the line. Maximum temperature: 650°F.  
**Ordering:** Specify pipe size, insulation thickness, figure number and size number.



Model	A	B	C	D	E	F	G	H	Wgt Each (lbs)
23	3-1/2"	5-7/8"	6-1/8"	4-1/8"	5/8"	1-3/4"	3"	4"	7
24	4"	6-3/4"	7-1/8"	4-3/8"	5/8"	1-3/4"	3"	4"	8
25	4-3/8"	7-5/8"	8-1/8"	5-1/8"	5/8"	1-3/4"	3"	4"	9
26	5-1/4"	9-1/4"	10-1/8"	6-1/8"	5/8"	1-3/4"	3"	4"	11
27	6-1/4"	11-5/8"	12-1/8"	7"	5/8"	2-3/4"	4"	6"	17
28	7"	13-3/8"	14-1/8"	8-1/4"	5/8"	2-3/4"	4"	6"	20
29	7-7/8"	15-1/8"	16-1/8"	9-7/8"	3/4"	4"	6"	8"	40
30	8-7/8"	17"	18-1/8"	10-7/8"	3/4"	4"	6"	8"	48
31	9-3/4"	18-3/4"	20-1/8"	11-7/8"	3/4"	4"	6"	8"	54
32	10-7/8"	21"	22-1/8"	11-3/4"	3/4"	4"	6"	8"	61
33	12-1/8"	23-1/8"	24-1/8"	14-1/2"	7/8"	6"	8"	8"	89
34	13"	25"	26-1/8"	15-1/2"	7/8"	6"	8"	8"	102
35	14-3/4"	27-3/4"	28-1/8"	17-1/8"	1-1/8"	6"	8"	12"	110
36	16-1/2"	31-1/2"	32-1/8"	19-1/4"	1-1/8"	6"	8"	12"	150

Guide Size Selection Table							
Pipe Size	Insulation Thickness (in)						
	1	1 1/2	2	2 1/2	3	3 1/2	4
1/2"	23	23	24	26	26	26	27
3/4"	23	24	25	26	26	27	27
1"	23	24	25	26	26	27	27
1-1/4"	23	24	25	26	26	27	27
1-1/2"	24	24	25	26	26	27	27
2"	24	25	26	26	27	27	28
2-1/2"	25	25	26	26	27	27	28
3"	25	26	26	27	27	28	28
4"	26	26	27	27	28	28	29
5"	27	27	27	28	28	29	30
6"	27	27	28	28	29	30	30
8"	28	28	29	30	30	31	31
10"	30	30	30	31	31	32	32
12"	31	31	31	32	32	33	33
14"	32	32	32	32	33	33	34
16"	33	33	33	33	34	34	35
18"	34	34	34	34	35	35	-
20"	35	35	35	35	36	36	36
24"	36	36	36	36	-	-	-