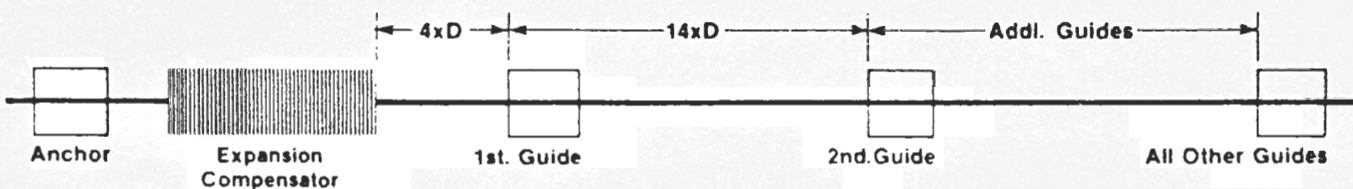
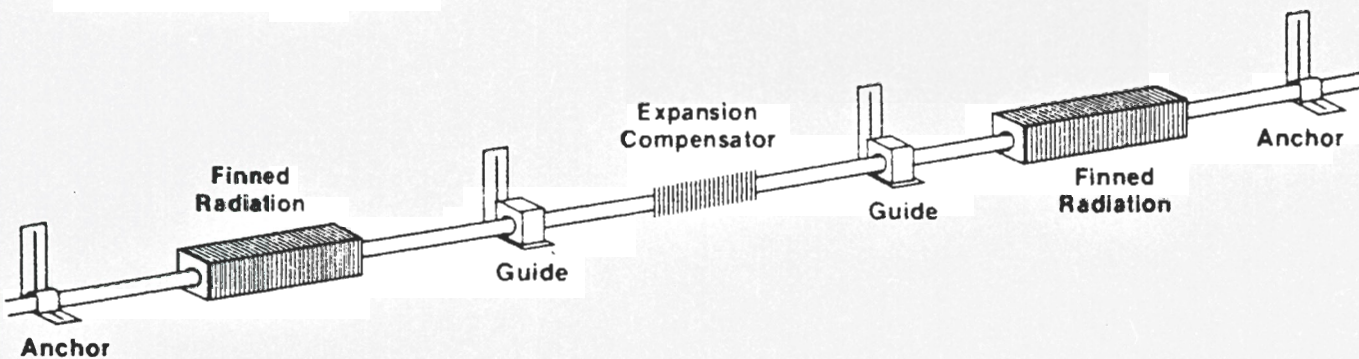


RECOMMENDED POSITIONING OF GUIDES, ANCHORS, & COMPENSATORS



(4 X D = Four Pipe Diameters . . . 14 X D = Fourteen Pipe Diameters)

Guide Spacing for Steel Pipe Systems Data from Expansion Joint Manufacturers Association

Pipe/Tube Size	Distance to 1 st Guide	Distance Between 1 st & 2 nd Guide	Distance Between Additional Guides	
			@ 50 PSI	@ 150 PSI
3/4"	3"	11"	14 ft	8 ft
1"	4"	14"	21 ft	12 ft
1 1/4"	5"	17"	23 ft	13 ft
1 1/2"	6"	21"	28 ft	17 ft
2"	8"	28"	32 ft	19 ft
2 1/2"	10"	35"	35 ft	22 ft
3"	12"	42"	38 ft	24 ft
4"	16"	56"	52 ft	31 ft

Guide Spacing for Copper Tube Systems Data from Heating, Piping, And Air Conditioning

Pipe/Tube Size	Distance to 1 st Guide	Distance Between 1 st & 2 nd Guide	Distance Between Additional Guides	
			@ 25 PSI	@ 50 PSI
3/4"	3"	11"	7 ft	6 ft
1"	4"	14"	9 ft	8 ft
1 1/4"	5"	17"	14 ft	11 ft
1 1/2"	6"	21"	16 ft	12 ft
2"	8"	28"	19 ft	14 ft
2 1/2"	10"	35"	23 ft	17 ft
3"	12"	42"	27 ft	20 ft