



# Minimum Tread Diameter For Pulleys or Sheaves

Cable Diameter in Inches	Ratio of cable diameter to pulley Diameter: 42:1      24:1      12:1 Desirable Minimum in Inches			28:1      18:1      10:1 Critical Minimum in Inches		
	6 x 7 or 7 x 7	6 x 19 or 7 x 19	6 x 31 7 x 31 6 x 37	6 x 7 or 7 x 7	6 x 19 or 7 x 19	6 x 31 7 x 31 6 x 37
<b>1/16"</b>	2-5/8	-----	-----	1-3/4	-----	-----
<b>3/32"</b>	2-15/16	2-1/4	-----	2-5/8	1-11/16	-----
<b>1/8"</b>	5-1/2	3	-----	3-1/2	2-1/4	-----
<b>5/32"</b>	6-9/16	3-3/4	-----	4-3/8	2-7/8	-----
<b>3/16"</b>	7-7/8	4-1/2	-----	5-1/4	3-3/8	-----
<b>7/32"</b>	9-3/16	5-2/4	-----	6-1/8	4	-----
<b>1/4"</b>	10-1/2	6	3	7	4-1/2	2-1/2
<b>5/16"</b>	13-1/8	7-1/2	3-3/4	8-3/4	5-5/8	3-1/8
<b>3/8"</b>	15-3/8	9	4-1/2	10-1/2	6-3/4	3-3/4
<b>7/16"</b>	18-3/8	10-1/2	5-1/4	12-1/4	7-7/8	4-3/8
<b>1/2"</b>	21	12	6	14	9	5

