



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
1/16"	2-5/8	-----	-----	1-3/4	-----	-----
3/32"	2-15/16	2-1/4	-----	2-5/8	1-11/16	-----
1/8"	5-1/2	3	-----	3-1/2	2-1/4	-----
5/32"	6-9/16	3-3/4	-----	4-3/8	2-7/8	-----
3/16"	7-7/8	4-1/2	-----	5-1/4	3-3/8	-----
7/32"	9-3/16	5-2/4	-----	6-1/8	4	-----
1/4"	10-1/2	6	3	7	4-1/2	2-1/2
5/16"	13-1/8	7-1/2	3-3/4	8-3/4	5-5/8	3-1/8
3/8"	15-3/8	9	4-1/2	10-1/2	6-3/4	3-3/4
7/16"	18-3/8	10-1/2	5-1/4	12-1/4	7-7/8	4-3/8
1/2"	21	12	6	14	9	5

Reference Sheet #F236

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