

Table 14-4

Lead Angle and
Efficiency for Standard
Acme Threads with
Coefficient of Friction
 $\mu = 0.15$

Size	Lead Angle (deg)	Effic- iency %
1/4 - 16	5.2	36
5/16 - 14	4.7	34
3/8 - 12	4.5	34
7/16 - 12	3.8	30
1/2 - 10	4.0	31
5/8 - 8	4.0	31
3/4 - 6	4.5	34
7/8 - 6	3.8	30
1 - 5	4.0	31
1 1/8 - 5	3.6	28
1 1/4 - 5	3.2	26
1 3/8 - 4	3.6	29
1 1/2 - 4	3.3	27
1 3/4 - 4	2.8	24
2 - 4	2.4	21
2 1/4 - 3	2.9	25
2 1/2 - 3	2.6	23
2 3/4 - 3	2.4	21
3 - 2	3.3	27
3 1/2 - 2	2.8	24
4 - 2	2.4	21
4 1/2 - 2	2.1	19
5 - 2	1.9	18